

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102743.D
 Acq On : 5 Feb 2018 17:38
 Operator : SJ/JU
 Sample : J1399-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMSD

Manual Integrations
 APPROVED

Sohil

Quant Time: Feb 06 11:20:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

2/6/2018 2:25:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	221497	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	902742	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	397583	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	611597	20.00	ng	0.00
75) Chrysene-d12	14.04	240	353385	20.00	ng	0.00
86) Perylene-d12	15.52	264	304199	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1658194	113.69	ng	0.02
7) Phenol-d6	6.52	99	1832382	104.34	ng	0.01
23) Nitrobenzene-d5	7.45	82	1353796	104.03	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	429548	134.23	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2242721	93.60	ng	0.00
78) Terphenyl-d14	12.99	244	1596889	107.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	254649m	35.349	ng	
3) Pyridine	3.59	79	407714m	20.485	ng	
4) n-Nitrosodimethylamine	3.53	42	381720m	44.826	ng	
6) Aniline	6.56	93	160119	6.174	ng	96
8) 2-Chlorophenol	6.67	128	631351	42.047	ng	93
9) Benzaldehyde	6.43	77	222242	17.041	ng	97
10) Phenol	6.53	94	668565	35.524	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	687003	43.869	ng	92
12) 1,3-Dichlorobenzene	6.82	146	678971	39.048	ng	99
13) 1,4-Dichlorobenzene	6.90	146	683312	39.450	ng	99
14) 1,2-Dichlorobenzene	7.05	146	628911	38.983	ng	99
15) Benzyl Alcohol	7.02	79	313616	23.228	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1220664	41.032	ng	95
17) 2-Methylphenol	7.13	107	549391	39.666	ng	98
18) Hexachloroethane	7.39	117	236171	39.762	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	456591	39.434	ng	92
20) 3+4-Methylphenols	7.29	107	610262	35.730	ng	# 73
22) Acetophenone	7.29	105	895638	40.543	ng	# 94
24) Nitrobenzene	7.47	77	713817	46.635	ng	96
25) Isophorone	7.70	82	1332755	44.477	ng	100
26) 2-Nitrophenol	7.78	139	355020	54.927	ng	98
27) 2,4-Dimethylphenol	7.82	122	622719	49.189	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	620644	34.964	ng	99
29) 2,4-Dichlorophenol	8.02	162	558280	48.510	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	548916	42.162	ng	98
31) Naphthalene	8.19	128	1960729	44.455	ng	99
32) Benzoic acid	7.94	122	453730	49.940	ng	98
33) 4-Chloroaniline	8.23	127	56625	2.980	ng	96
34) Hexachlorobutadiene	8.30	225	278527	41.749	ng	99
35) Caprolactam	8.61	113	152745m	38.217	ng	
36) 4-Chloro-3-methylphenol	8.72	107	590704	45.682	ng	99
37) 2-Methylnaphthalene	8.88	142	1258004	43.564	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	476900	44.053	ng	99
40) Hexachlorocyclopentadiene	9.03	237	268485	52.171	ng	97

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 APPROVED

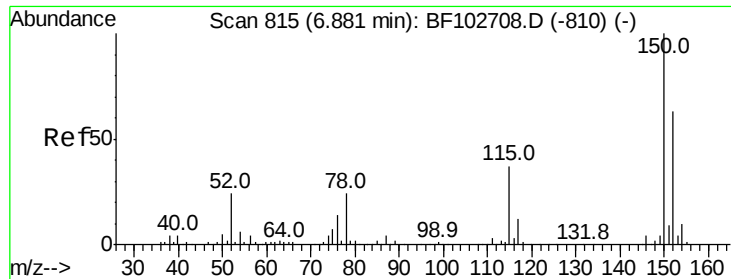
Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	360351	50.679	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	384653	47.997	nq	99
45) 1,1'-Biphenyl	9.35	154	1435632	42.871	nq	98
46) 2-Chloronaphthalene	9.37	162	1126864	42.743	nq	98
47) 2-Nitroaniline	9.46	65	362042	44.756	nq	91
48) Acenaphthylene	9.79	152	1621645	39.603	nq	99
49) Dimethylphthalate	9.65	163	1376687	44.409	nq	100
50) 2,6-Dinitrotoluene	9.70	165	300615	50.970	nq	# 91
51) Acenaphthene	9.96	154	1086354	44.363	nq	98
52) 3-Nitroaniline	9.87	138	96668	13.321	nq	98
53) 2,4-Dinitrophenol	9.98	184	167420	82.533	nq	# 22
54) Dibenzofuran	10.13	168	1502984	43.553	nq	99
55) 4-Nitrophenol	10.03	139	431650	72.763	nq	94
56) 2,4-Dinitrotoluene	10.11	165	388830	49.083	nq	97
57) Fluorene	10.47	166	1077933	42.931	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	277565	49.971	nq	99
59) Diethylphthalate	10.35	149	1309076	42.766	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	494133	44.488	nq	99
61) 4-Nitroaniline	10.49	138	158912	23.005	nq	91
62) Azobenzene	10.62	77	845912	27.663	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	115731	46.147	nq	82
65) n-Nitrosodiphenylamine	10.58	169	393587	18.245	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	315344	48.743	nq	97
67) Hexachlorobenzene	11.02	284	318329	44.602	nq	# 88
68) Atrazine	11.10	200	22952	3.606	nq	98
69) Pentachlorophenol	11.21	266	349469	83.413	nq	98
70) Phenanthrene	11.43	178	1471520	43.201	nq	99
71) Anthracene	11.49	178	1495660	43.172	nq	100
72) Carbazole	11.63	167	498617	14.691	nq	99
73) Di-n-butylphthalate	11.97	149	1900163	46.088	nq	99
74) Fluoranthene	12.62	202	1290693	37.662	nq	99
77) Pyrene	12.85	202	1230780	44.415	nq	100
79) Butylbenzylphthalate	13.46	149	688447	51.854	nq	98
80) Benzo(a)anthracene	14.03	228	1012730	45.568	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	28522	3.461	nq	99
82) Chrysene	14.07	228	981468	43.809	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	920547	54.228	nq	99
84) Di-n-octyl phthalate	14.63	149	1523663	59.777	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	865547	46.582	nq	98
87) Benzo(b)fluoranthene	15.09	252	1016265	51.529	nq	98
88) Benzo(k)fluoranthene	15.12	252	954052	50.628	nq	100
89) Benzo(a)pyrene	15.46	252	901361	50.774	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	753597	52.300	nq	99
91) Benzo(g,h,i)perylene	17.47	276	690678	48.972	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

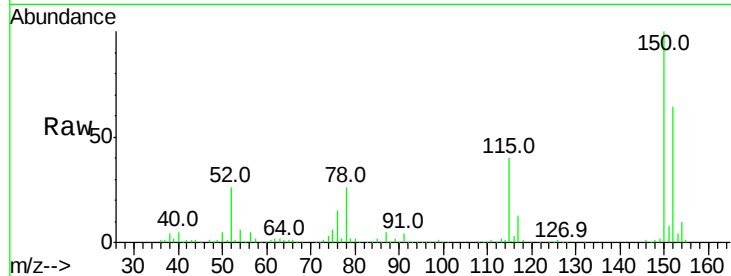
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

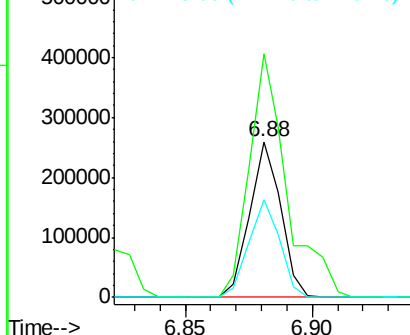
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.9	50.1	75.1

Manual Integrations
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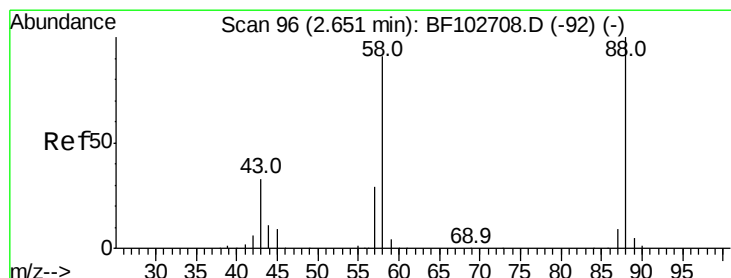
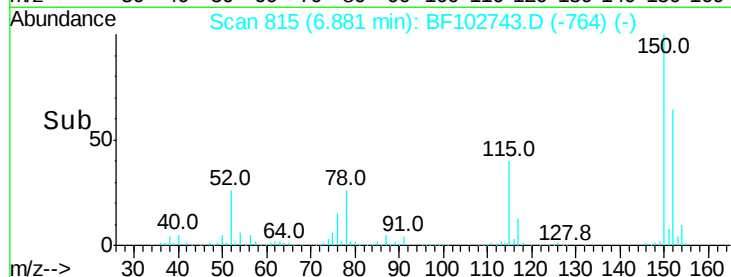
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



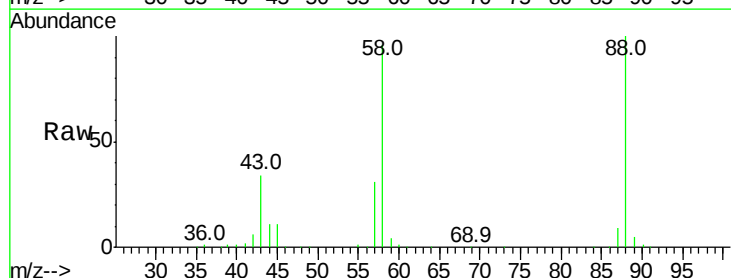
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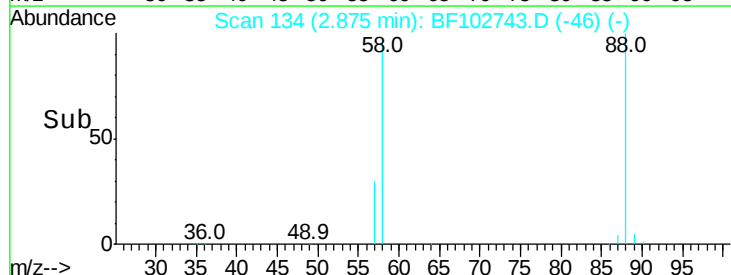
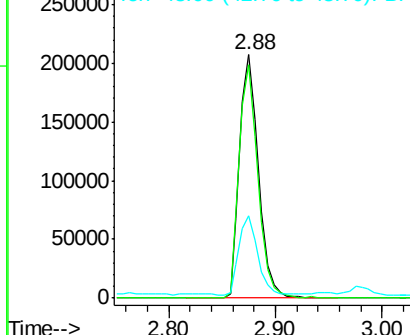
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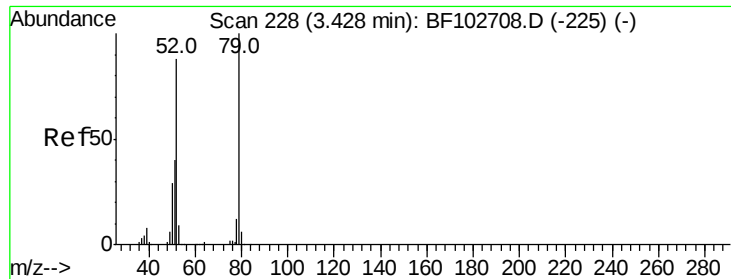
1,4-Dioxane
Concen: 35.349 ng m
RT: 2.88 min Scan# 134
Delta R.T. 0.22 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	0.0	24.6	37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





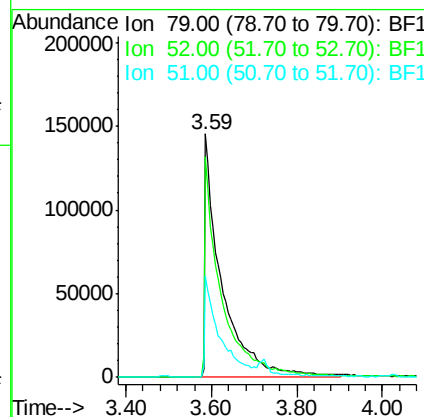
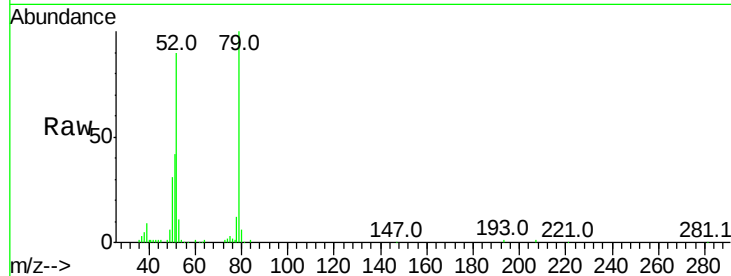
#3
Pvridine
Concen: 20.485 ng m
RT: 3.59 min Scan# 255
Delta R.T. 0.15 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
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OR-01-020218-AMSD

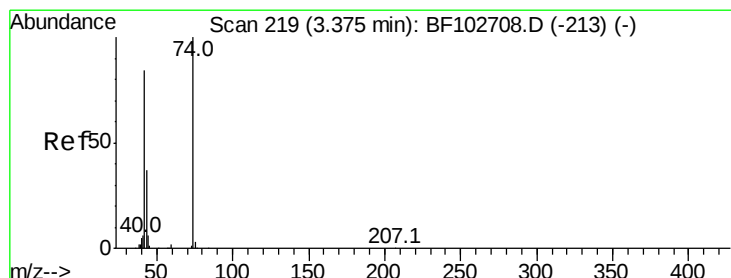
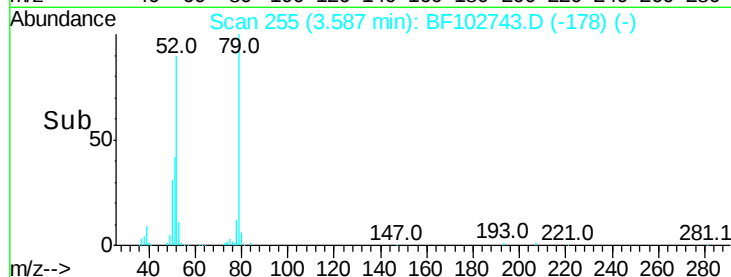
Tot Ion: 79 Resp: 407714
Ion Ratio Lower Upper
79 100
52 90.4 59.8 89.6#
51 41.7 29.8 44.8

Manual Integrations
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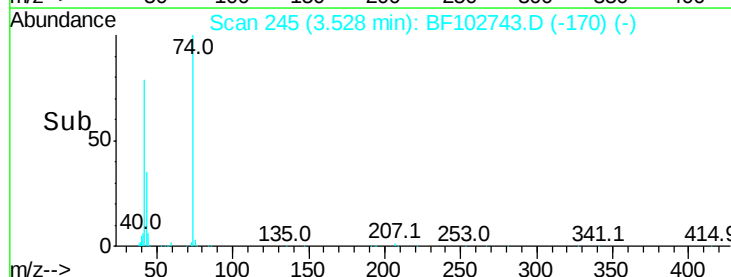
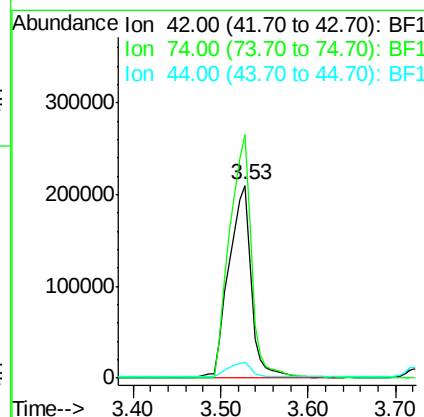
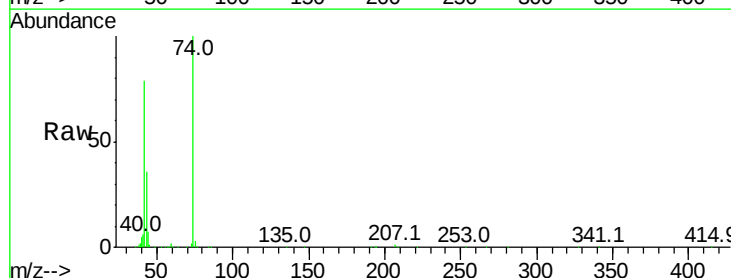


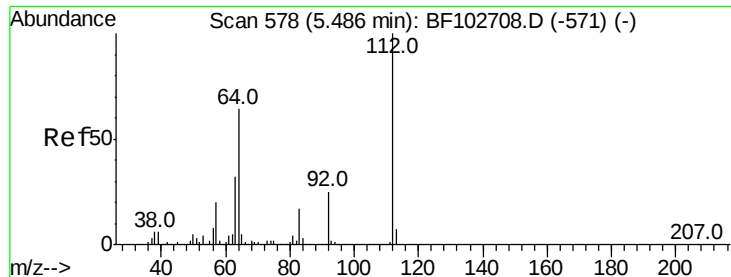
2/6/2018 2:25:37 PM



#4
n-Nitrosodimethylamine
Concen: 44.826 ng m
RT: 3.53 min Scan# 245
Delta R.T. 0.14 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion: 42 Resp: 381720
Ion Ratio Lower Upper
42 100
74 126.3 104.9 157.3
44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 113.692 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion:112 Resp: 1658194

Ion Ratio Lower Upper

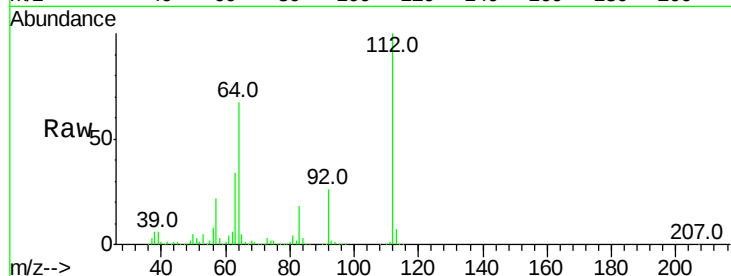
112 100

64 67.3 47.9 71.9

63 34.1 23.7 35.5

Manual Integrations
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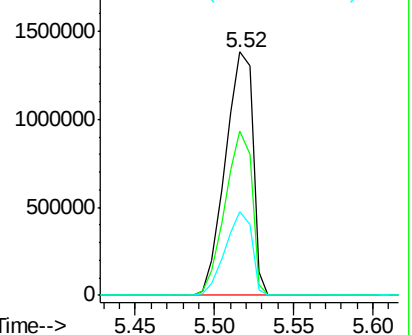
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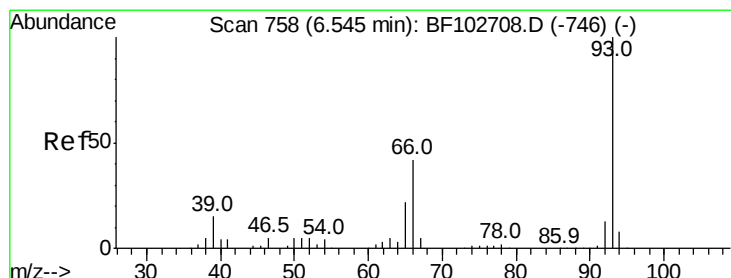
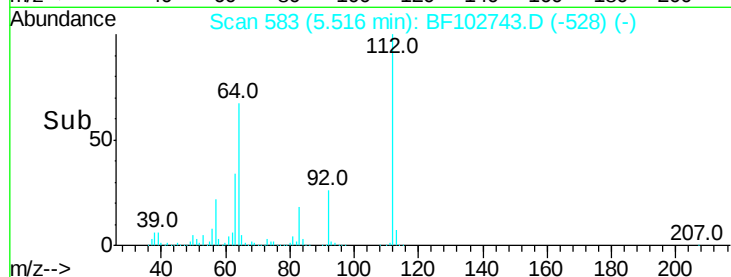
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 6.174 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

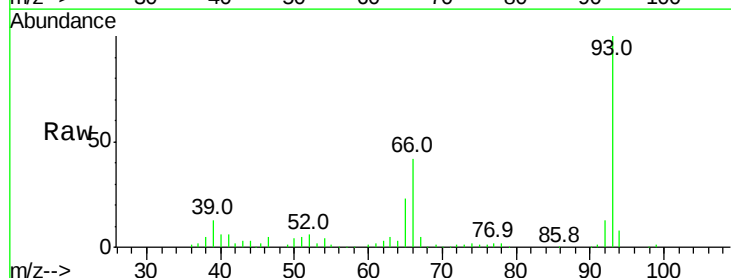
Tgt Ion: 93 Resp: 160119

Ion Ratio Lower Upper

93 100

66 42.5 32.2 48.2

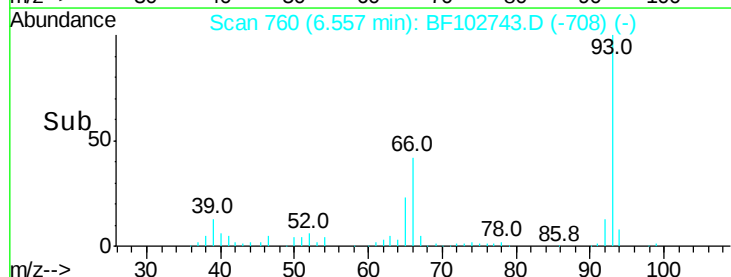
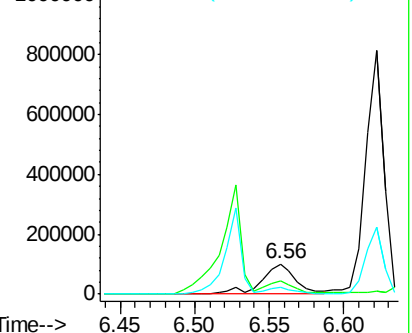
65 22.5 16.4 24.6

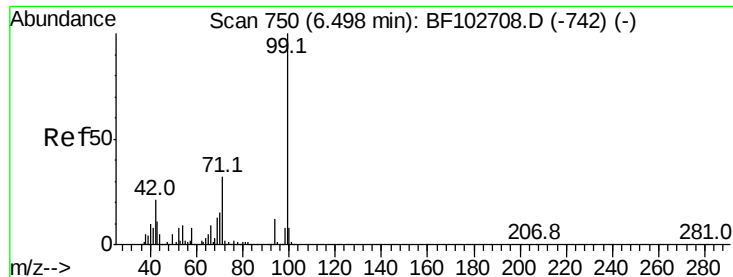


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.342 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion: 99 Resp: 1832382

Ion Ratio Lower Upper

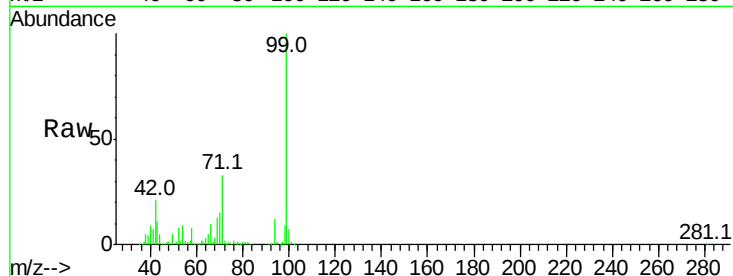
99 100

42 20.5 14.5 21.7

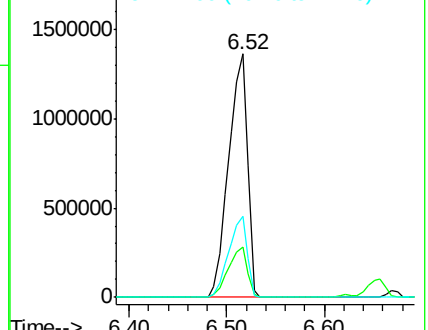
71 33.1 25.4 38.0

Manual Integrations
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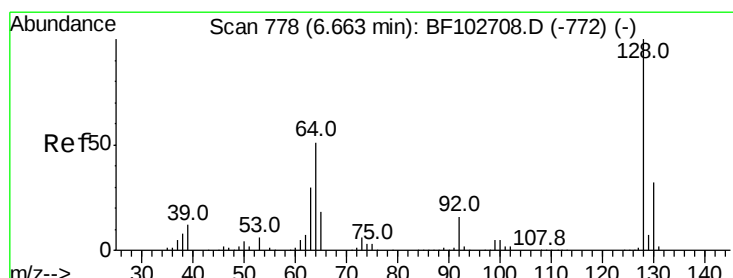
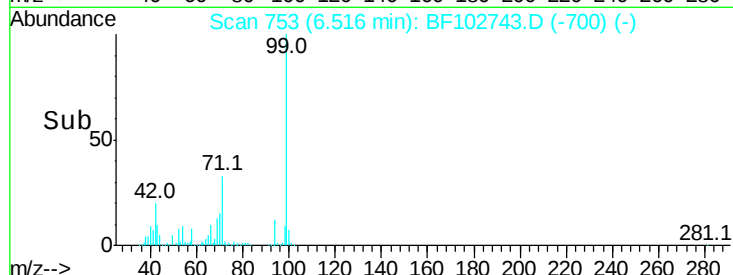
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 42.047 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

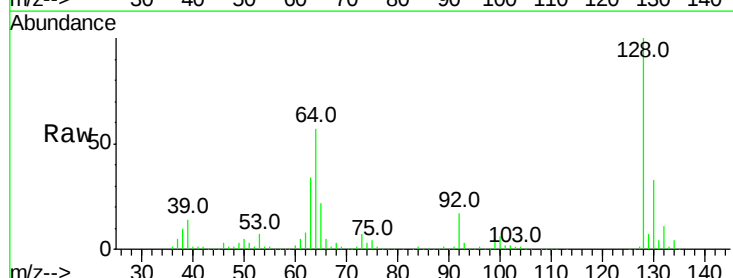
Tgt Ion: 128 Resp: 631351

Ion Ratio Lower Upper

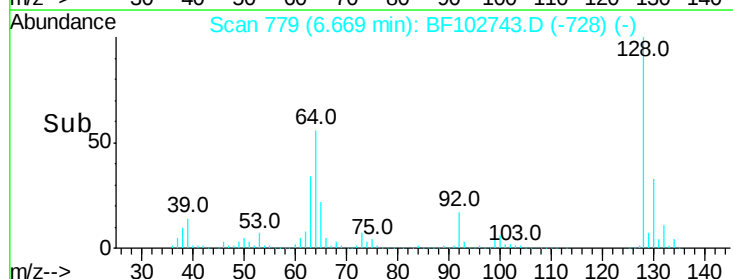
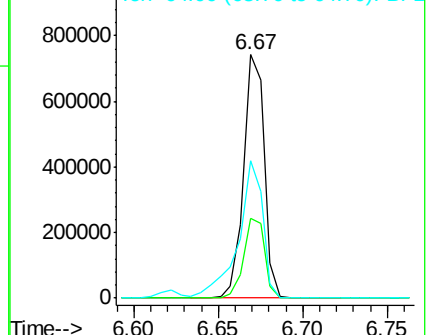
128 100

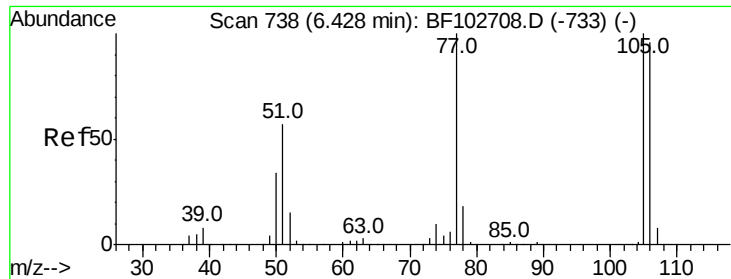
130 32.6 13.0 53.0

64 56.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.041 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion: 77 Resp: 222242

Ion Ratio Lower Upper

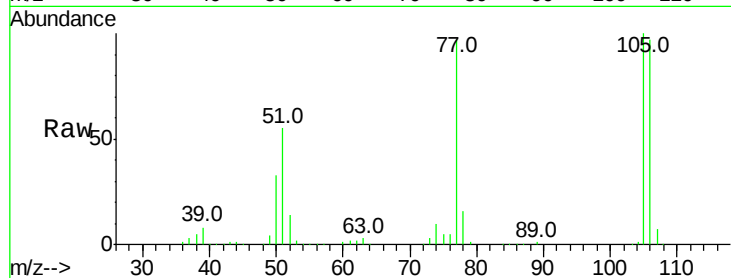
77 100

105 102.9 81.1 121.1

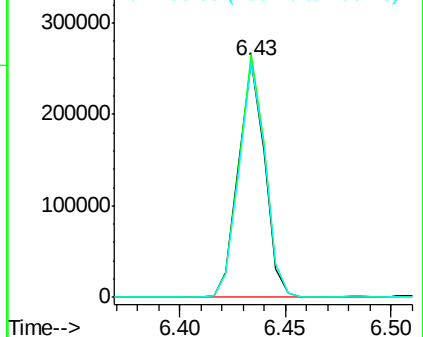
106 99.6 74.5 114.5

Manual Integrations
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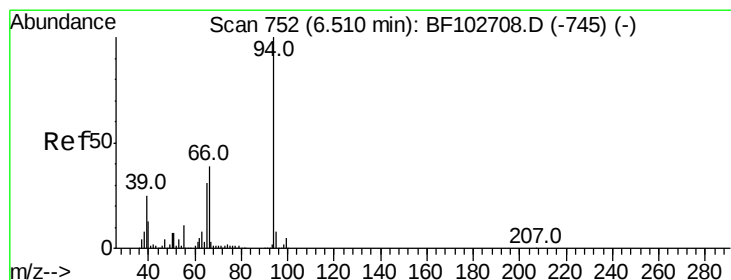
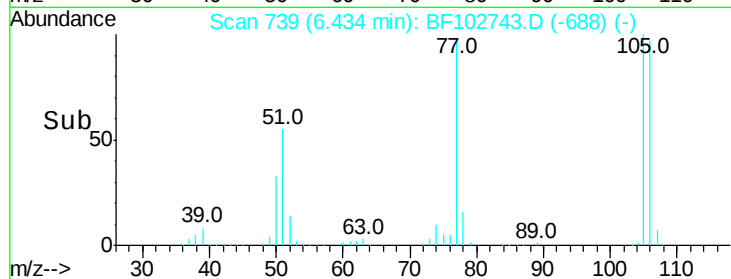
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 35.524 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

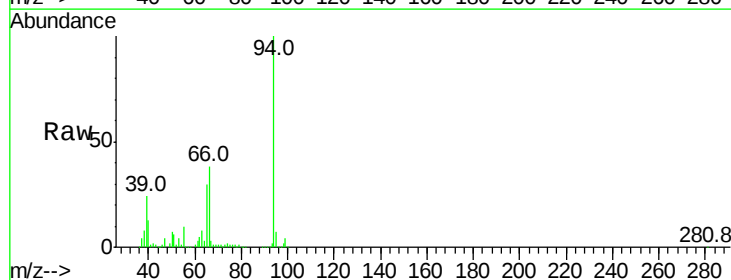
Tgt Ion: 94 Resp: 668565

Ion Ratio Lower Upper

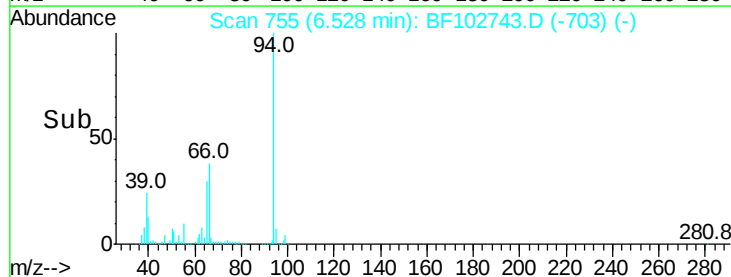
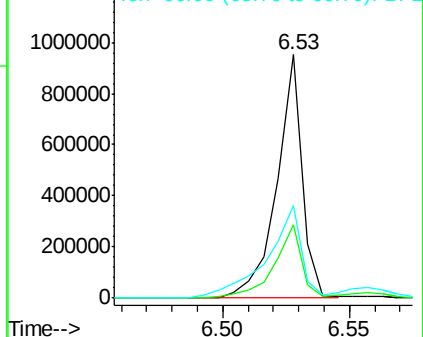
94 100

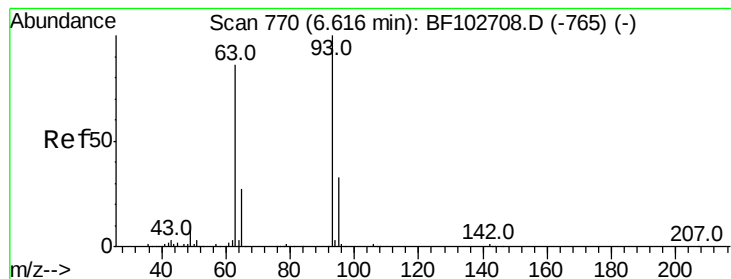
65 30.3 7.9 47.9

66 38.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





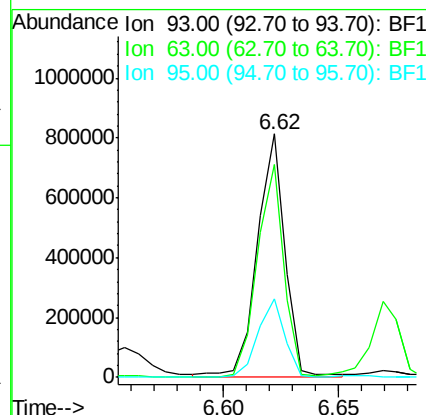
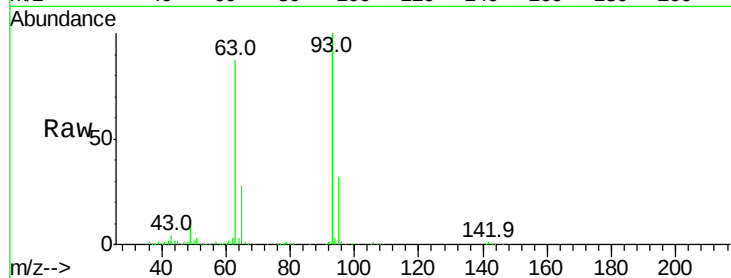
#11
bis(2-Chloroethyl)ether
Concen: 43.869 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

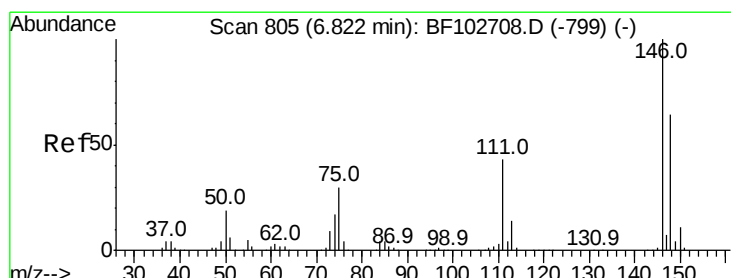
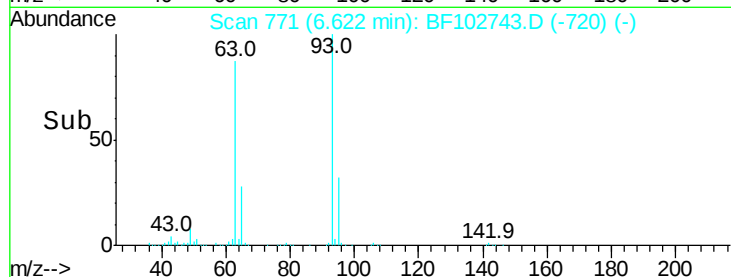
Tot Ion	93	Resp	687003
Ion	Ratio	Lower	Upper
93	100		
63	87.5	58.6	98.6
95	32.5	11.8	51.8

Manual Integrations
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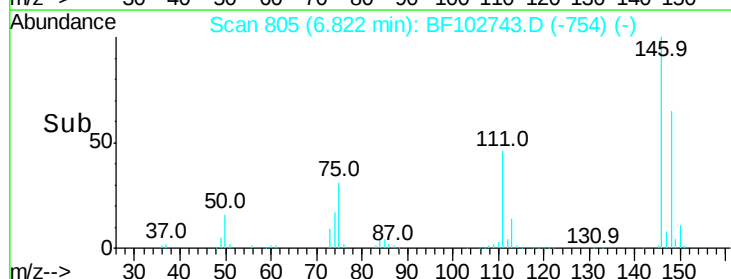
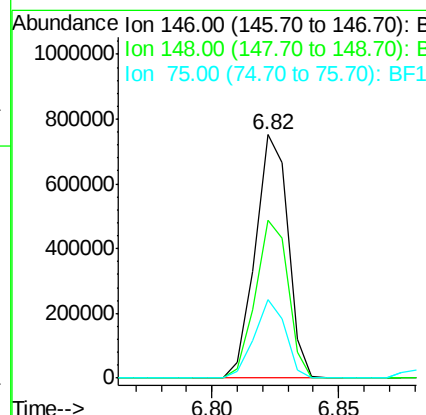
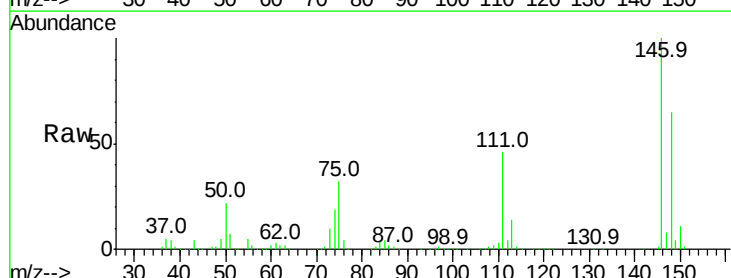


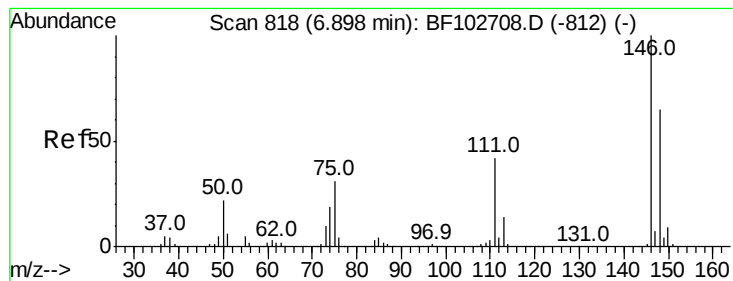
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#12
1,3-Dichlorobenzene
Concen: 39.048 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	146	Resp	678971
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	32.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.450 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

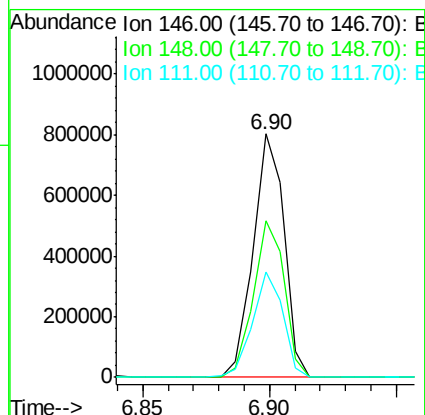
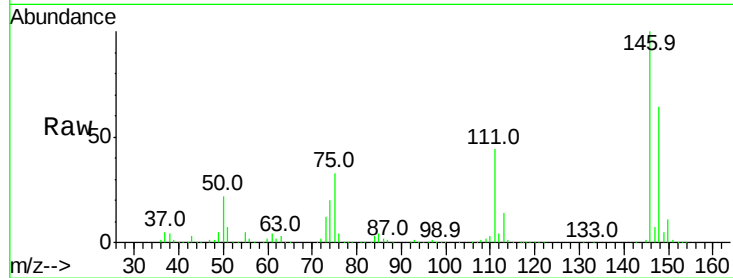
ClientSampleId :

OR-01-020218-AMSD

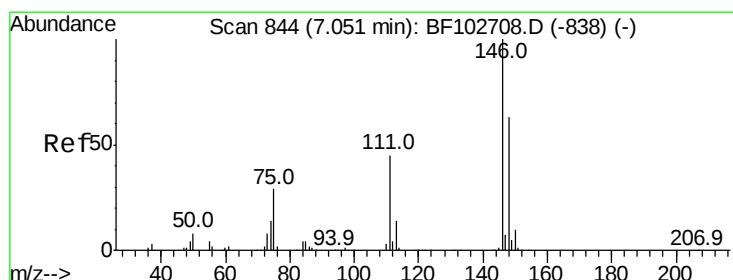
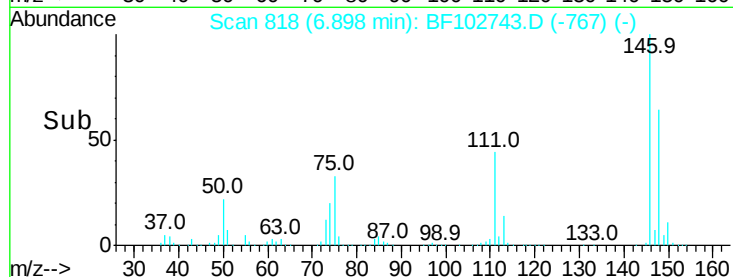
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.5	34.2	51.2

Manual Integrations
APPROVED

Sohil



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#14

1,2-Dichlorobenzene

Concen: 38.983 ng

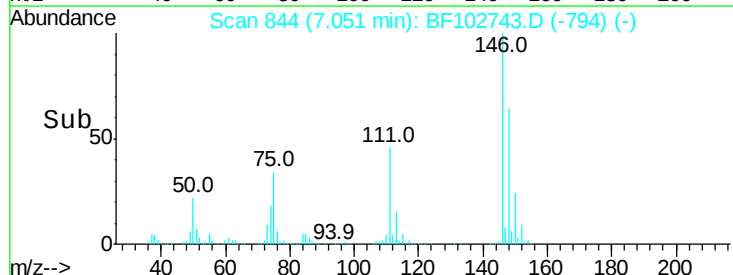
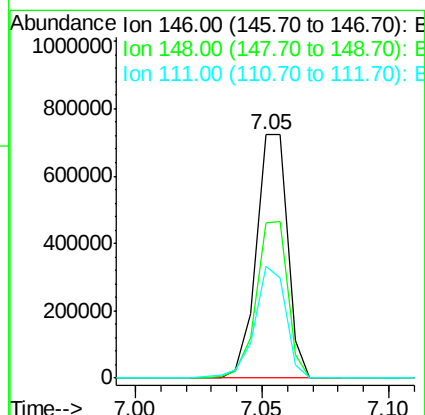
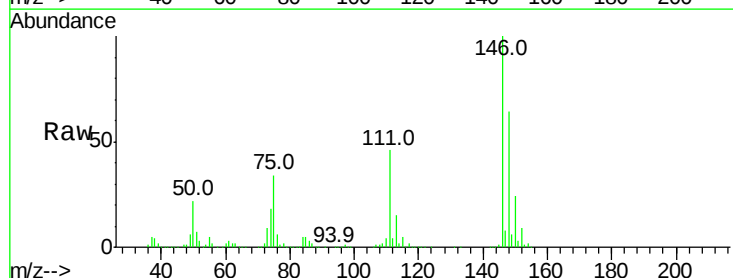
RT: 7.05 min Scan# 844

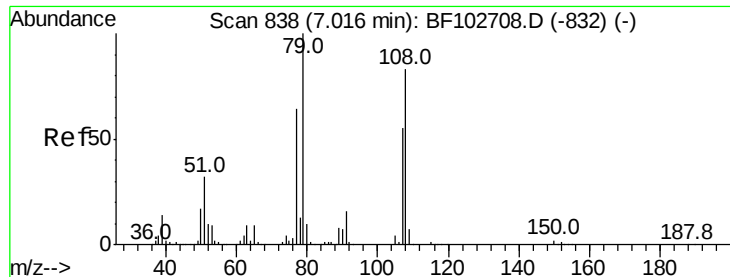
Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	45.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 23.228 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

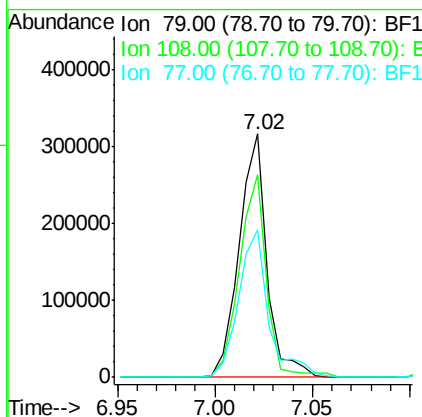
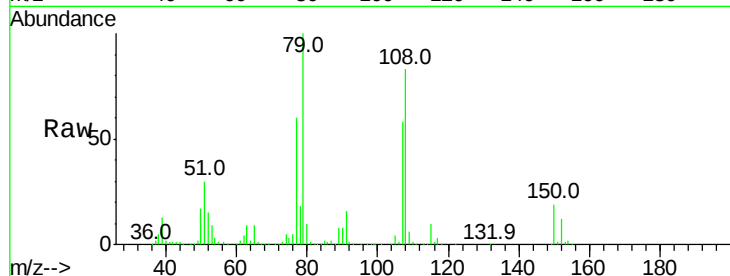
ClientSampleId :

OR-01-020218-AMSD

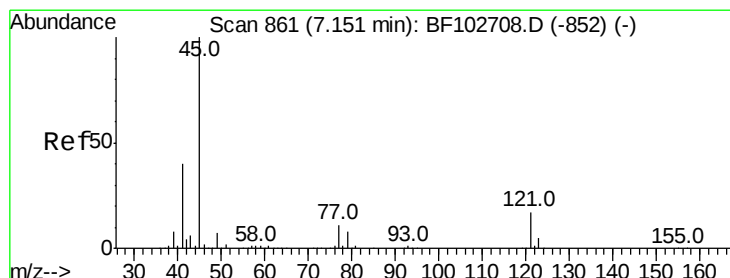
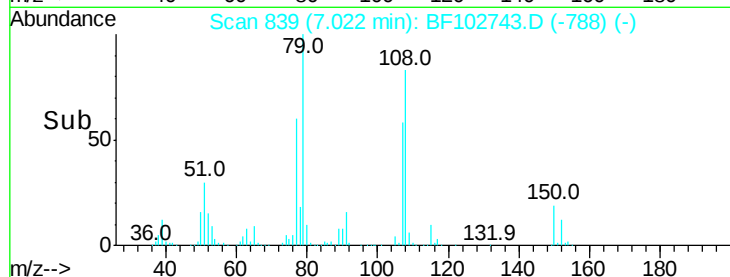
Tot Ion:	79	Resp:	313616
Ion	Ratio	Lower	Upper
79	100		
108	83.1	65.1	97.7
77	60.5	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.032 ng

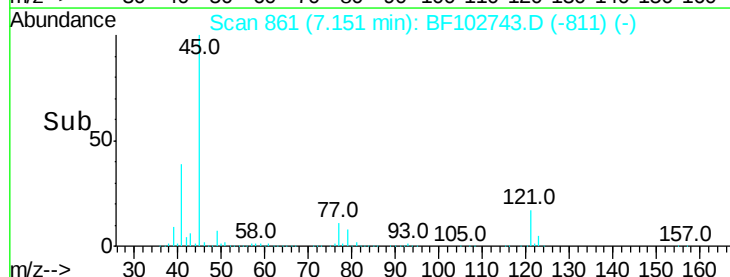
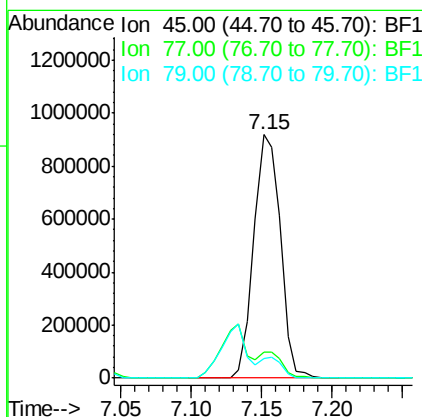
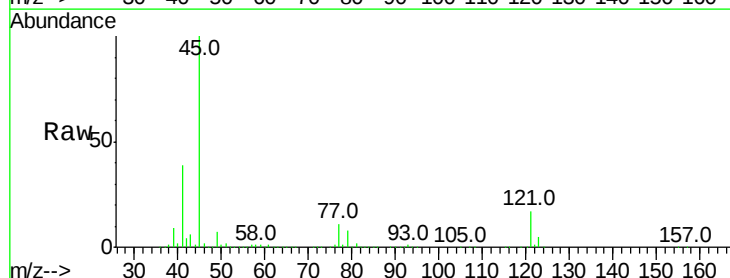
RT: 7.15 min Scan# 861

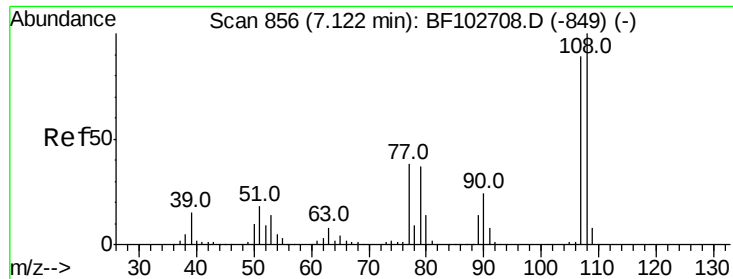
Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion:	45	Resp:	1220664
Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	32.9
79	8.1	0.0	29.6





#17
2-Methylphenol
Concen: 39.666 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

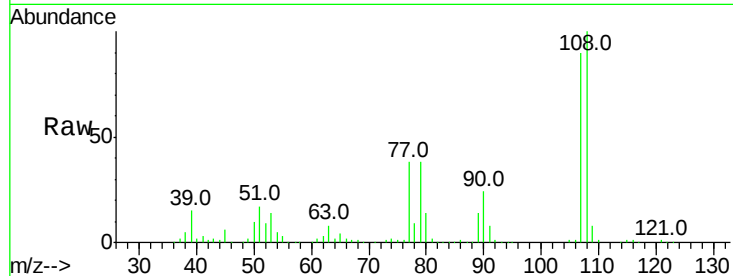
Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.7	137.5	
77	41.8	33.8	50.8	
79	42.2	33.8	50.8	

Manual Integrations
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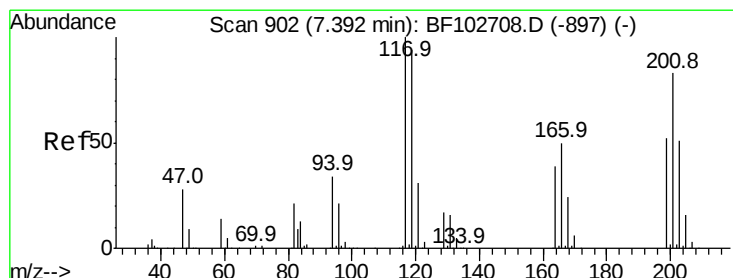
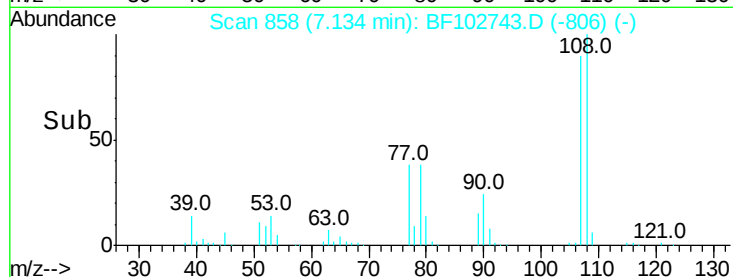
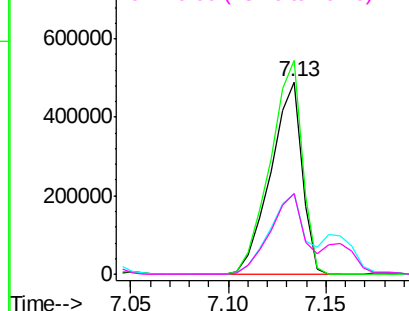
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

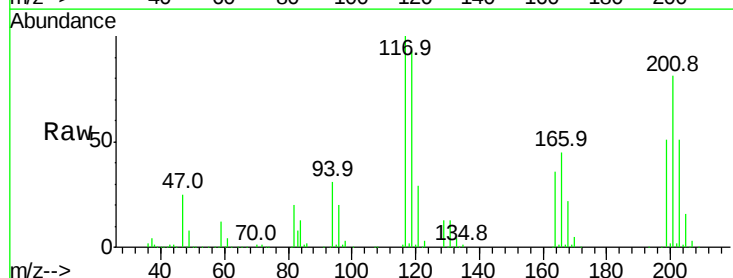
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.762 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	75.8	113.8	
201	81.4	75.7	113.5	

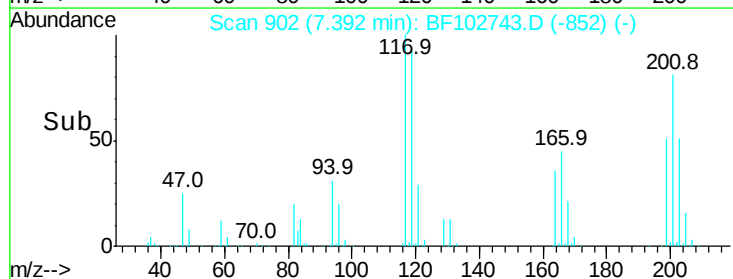
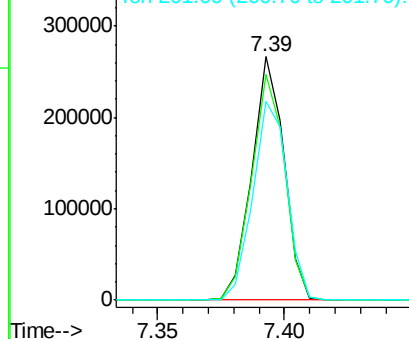


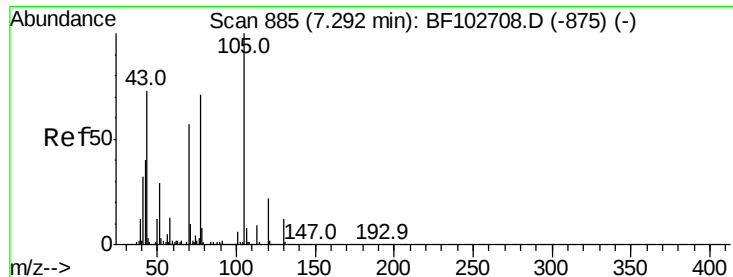
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.434 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

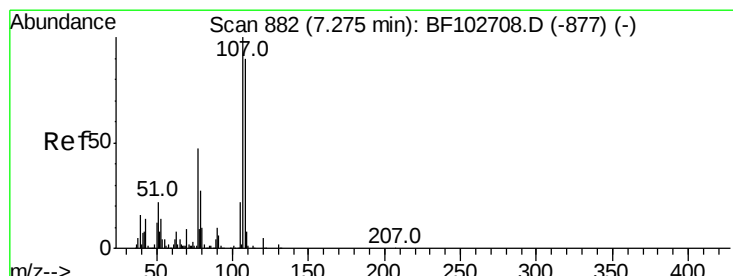
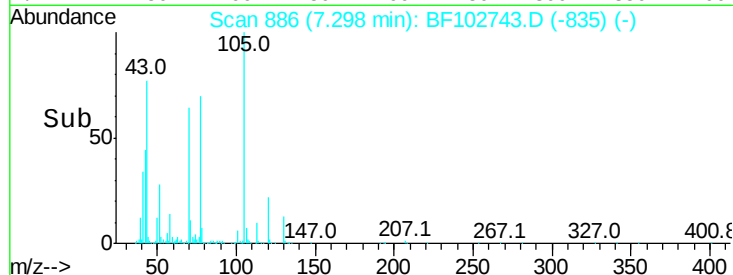
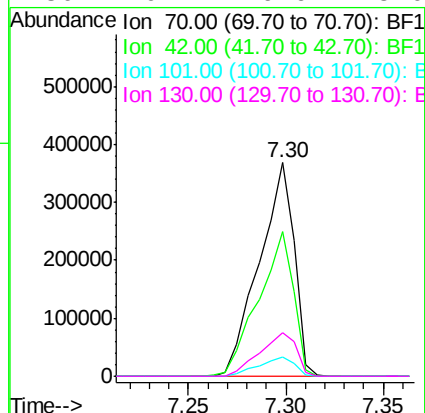
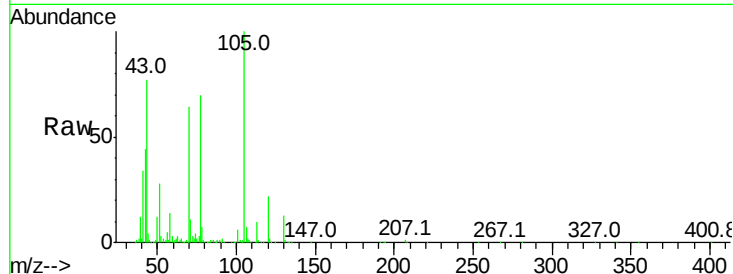
Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.9	47.5	71.3
101	9.3	7.4	11.2
130	20.7	16.6	25.0

Manual Integrations
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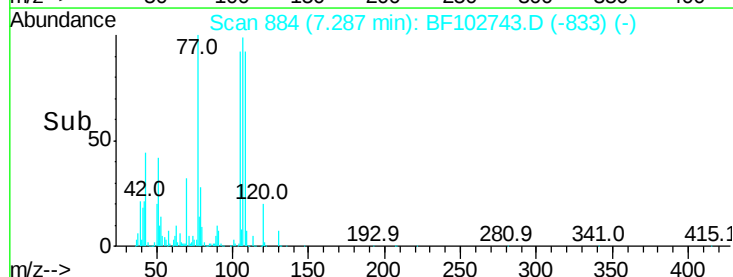
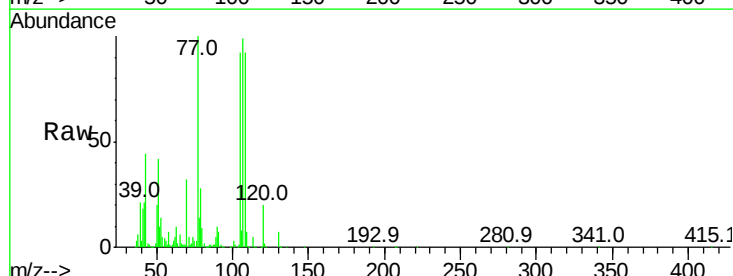
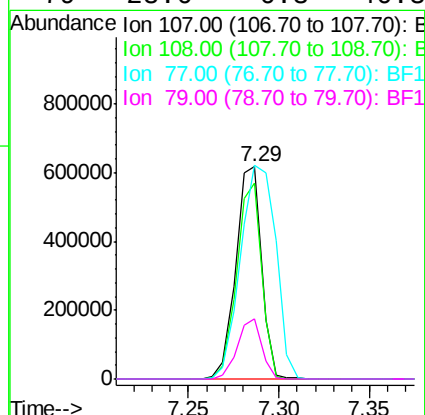
Sohil

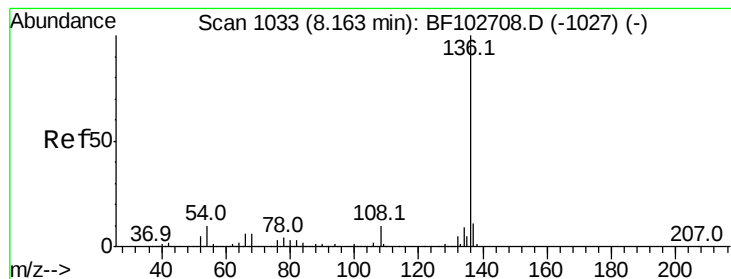
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#20
3+4-Methylphenols
Concen: 35.730 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	100.8	26.7	66.7#
79	28.6	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

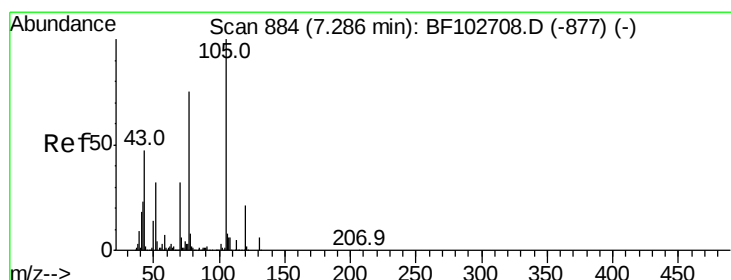
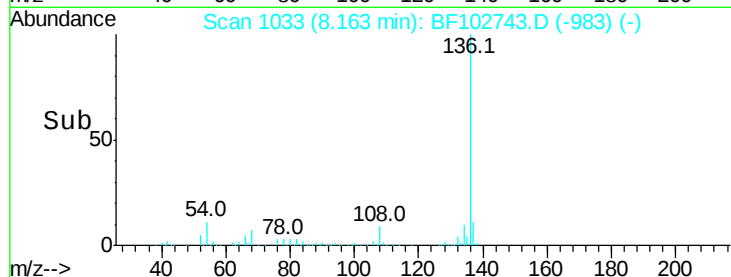
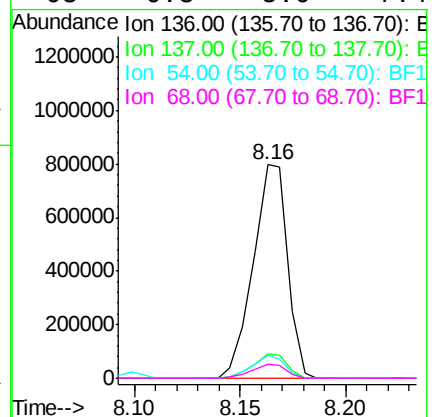
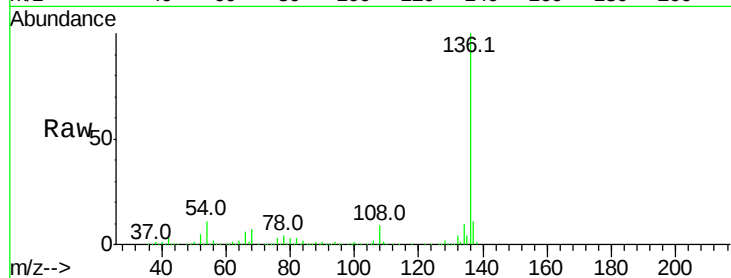
Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	10.6	6.6	9.8	
68	6.8	5.0	7.4	

Manual Integrations
APPROVED

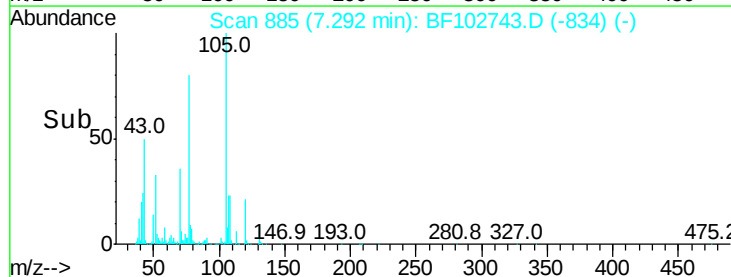
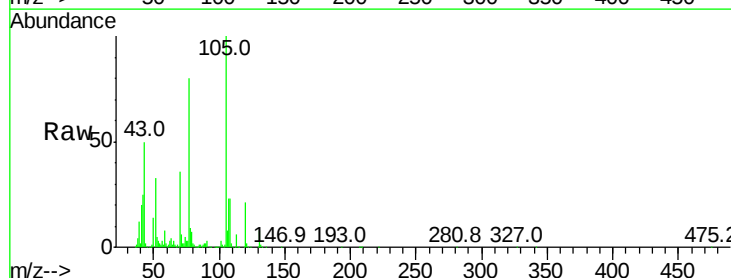
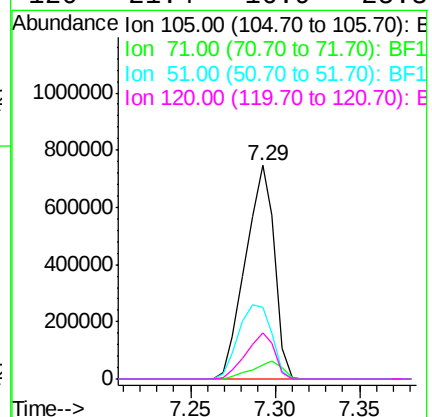
Sohil

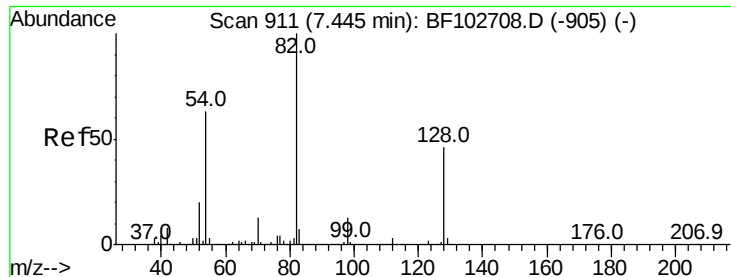
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#22
Acetophenone
Concen: 40.543 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	4.4	6.6	
51	33.5	22.3	33.5	
120	21.4	16.9	25.3	





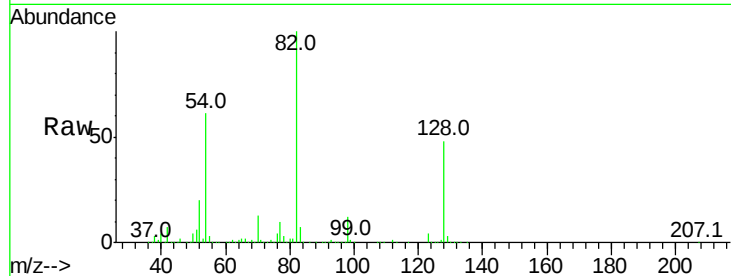
#23
Nitrobenzene-d5
Concen: 104.032 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

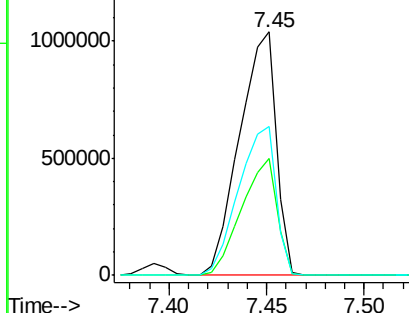
Tot Ion: 82 Resp: 1353796
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 60.9 41.4 62.2

Manual Integrations
APPROVED

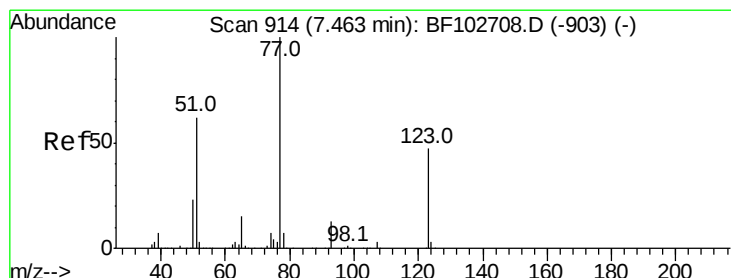
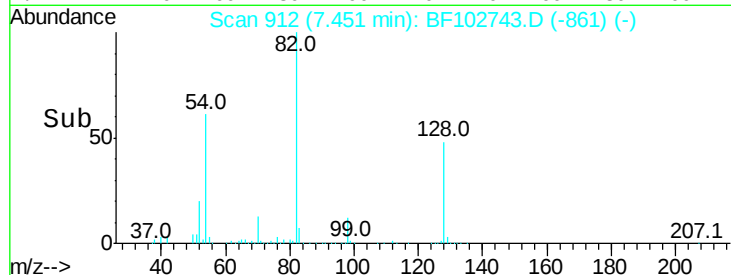
Sohil



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



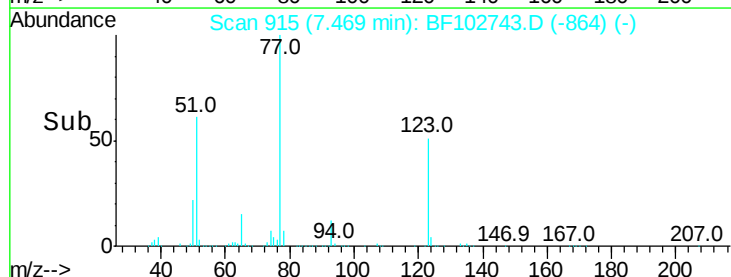
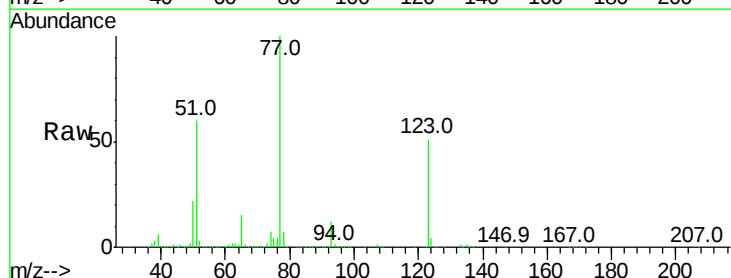
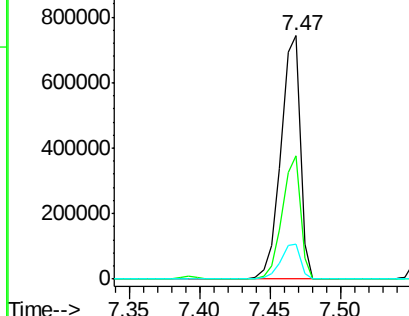
2/6/2018 2:25:37 PM

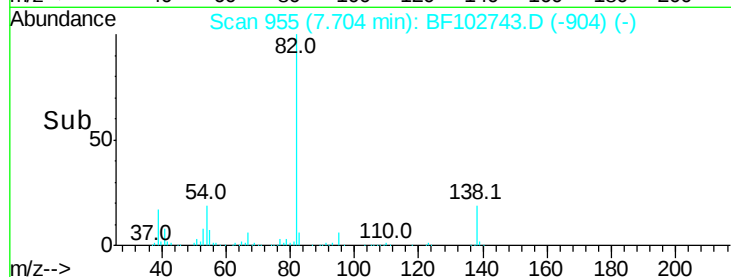
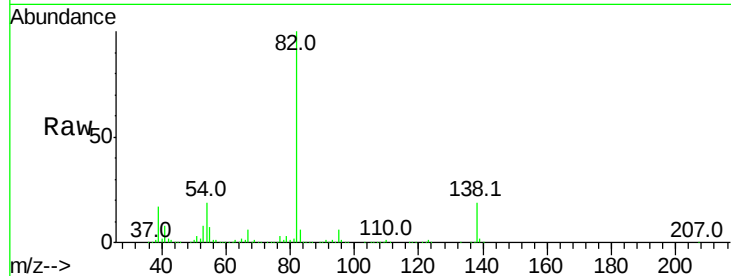
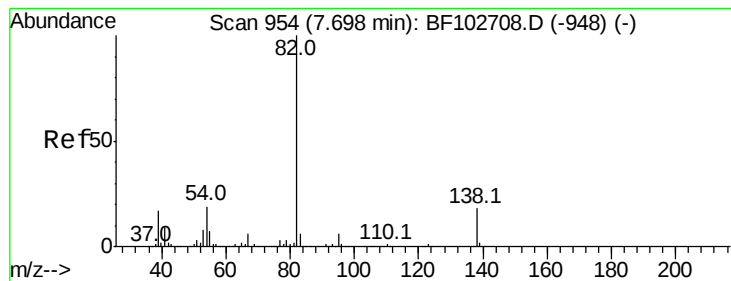


#24
Nitrobenzene
Concen: 46.635 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion: 77 Resp: 713817
Ion Ratio Lower Upper
77 100
123 50.6 37.9 56.9
65 14.6 11.0 16.4

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.477 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tot Ion:	82	Resp:	1332755
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	18.5	14.9	22.3

Instrument :

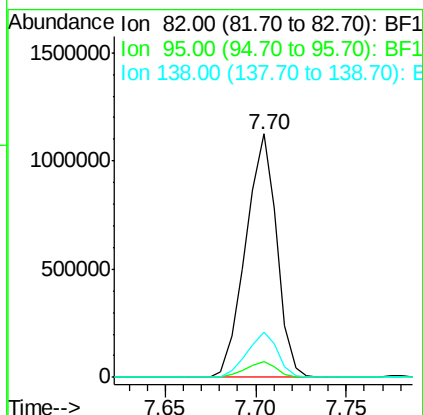
BNA_F

ClientSampleId :

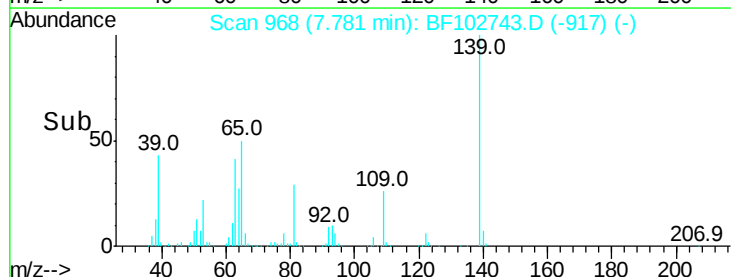
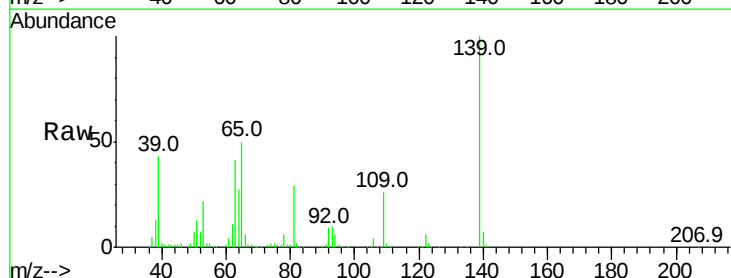
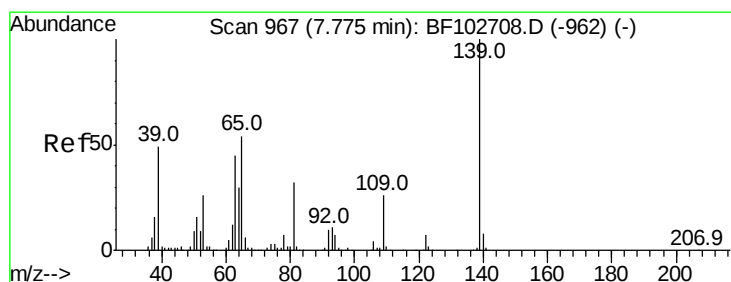
OR-01-020218-AMSD

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#26

2-Nitrophenol

Concen: 54.927 ng

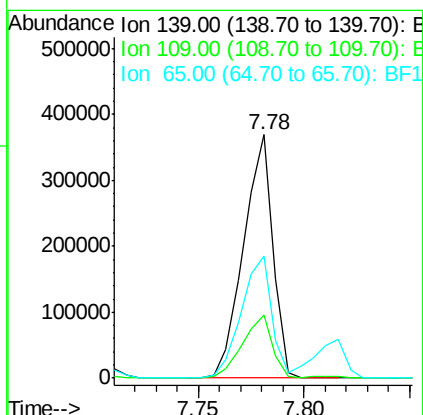
RT: 7.78 min Scan# 968

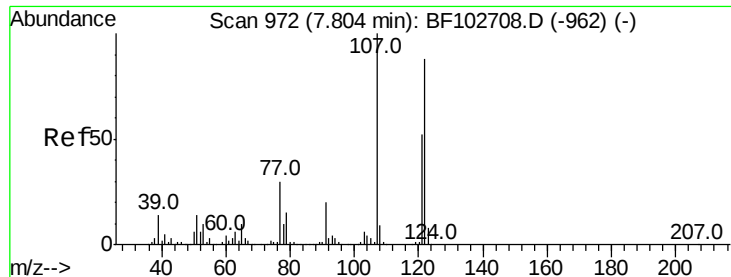
Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion:	139	Resp:	355020
Ion	Ratio	Lower	Upper
139	100		
109	26.1	22.7	34.1
65	50.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 49.189 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

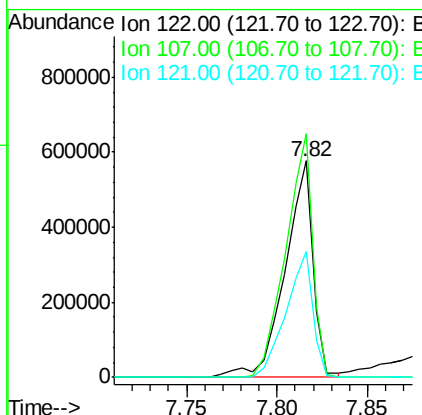
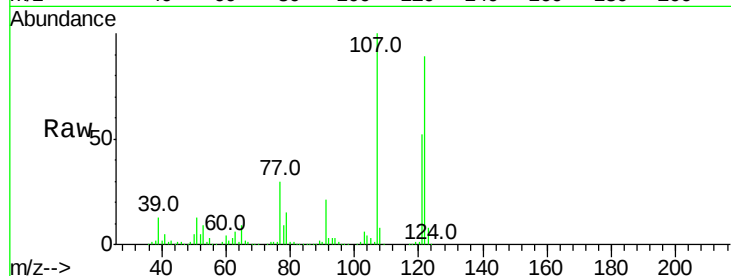
ClientSampleId :

OR-01-020218-AMSD

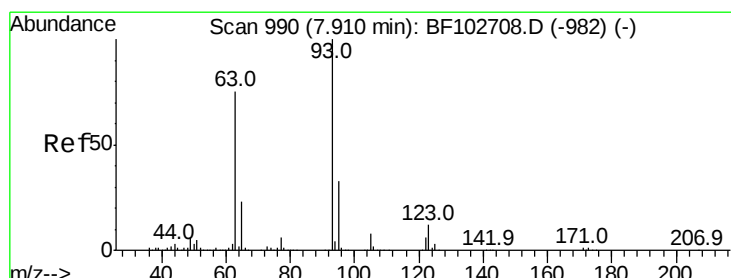
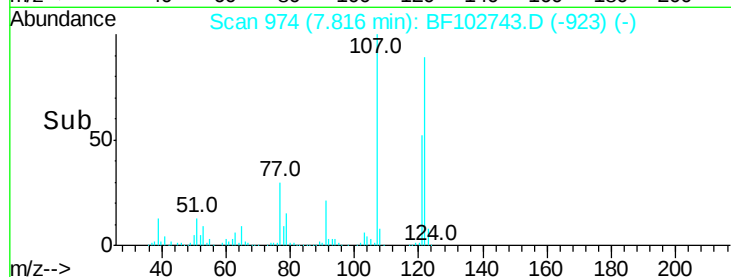
Tot Ion:	122	Resp:	622719
Ion Ratio	Lower	Upper	
122	100		
107	112.6	91.2	136.8
121	58.2	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 34.964 ng

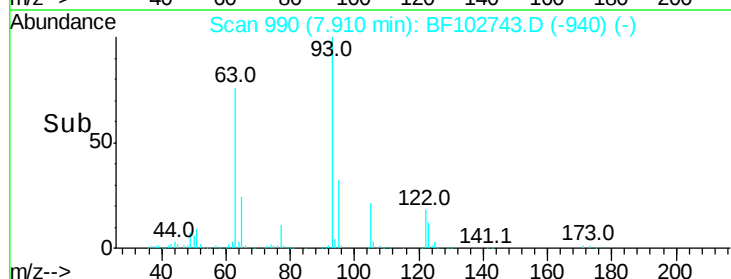
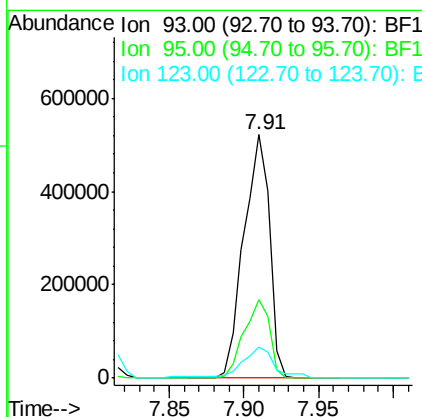
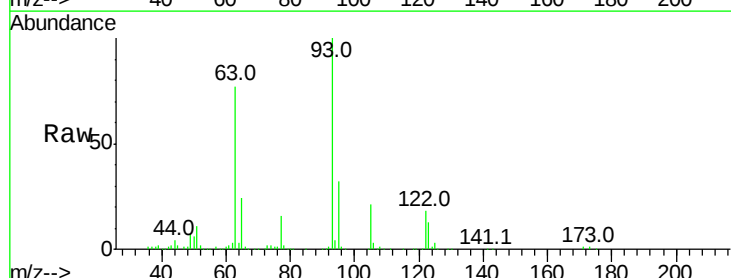
RT: 7.91 min Scan# 990

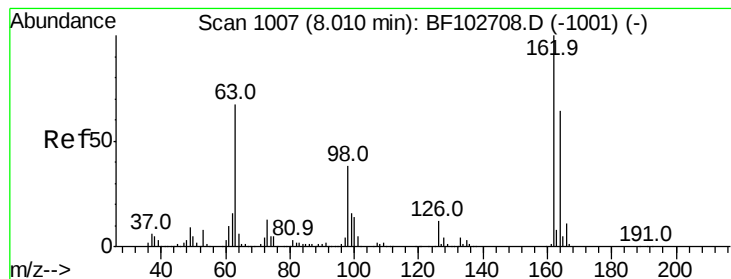
Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion:	93	Resp:	620644
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.3	39.5
123	12.6	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 48.510 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

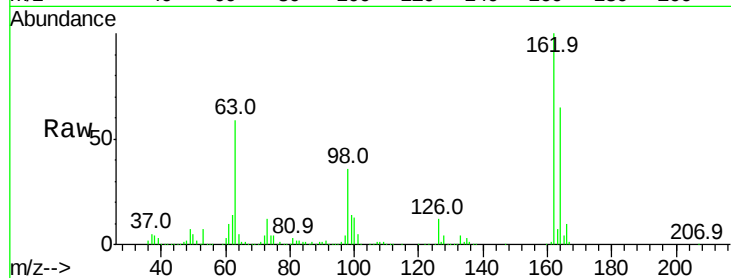
ClientSampleId :

OR-01-020218-AMSD

Tot Ion:	162	Resp:	558280
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.7	82.7
98	35.9	18.1	58.1

Manual Integrations
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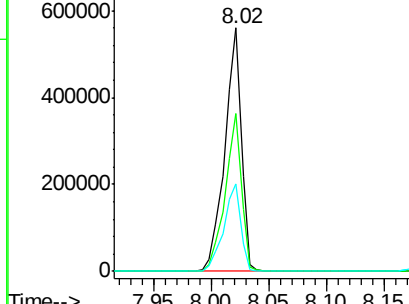
Sohil



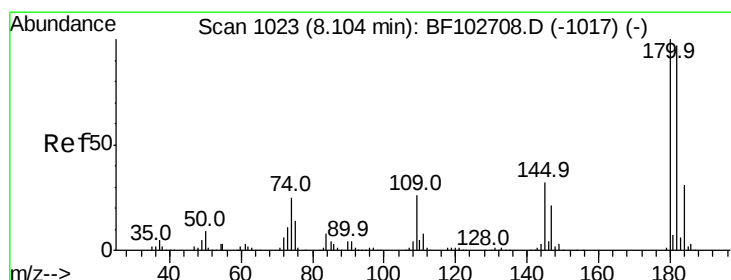
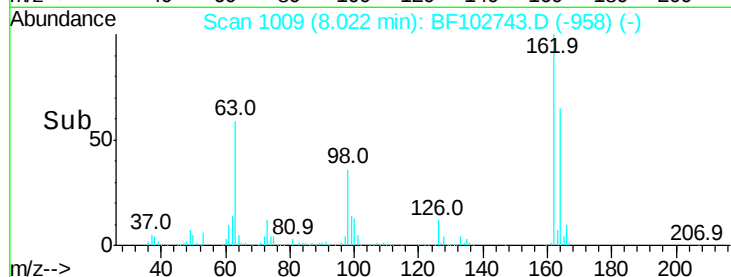
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



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#30

1,2,4-Trichlorobenzene

Concen: 42.162 ng

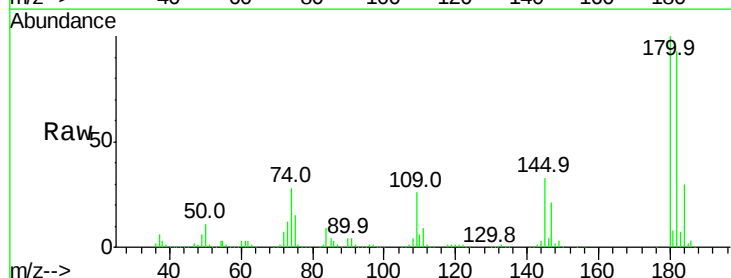
RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

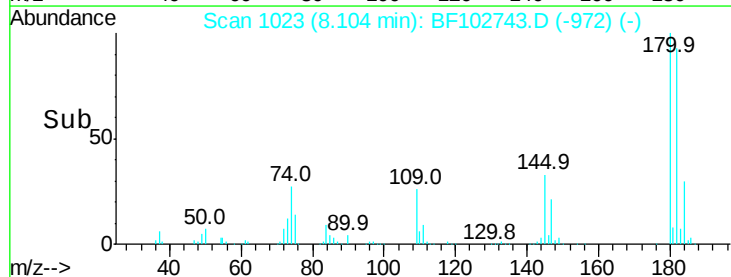
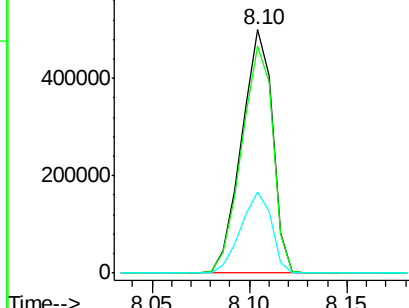
Tgt Ion:	180	Resp:	548916
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.8	115.2
145	33.3	26.5	39.7

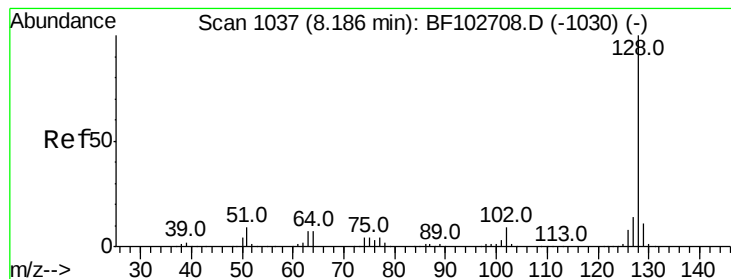


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.455 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion:128 Resp: 1960729

Ion Ratio Lower Upper

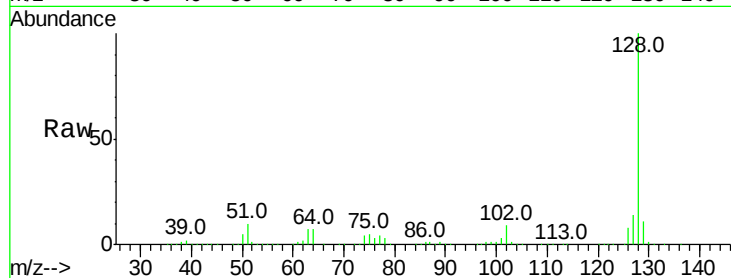
128 100

129 11.2 8.8 13.2

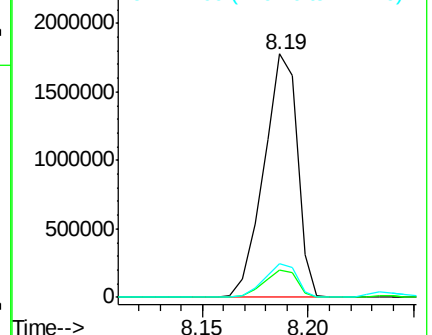
127 13.8 10.9 16.3

Manual Integrations
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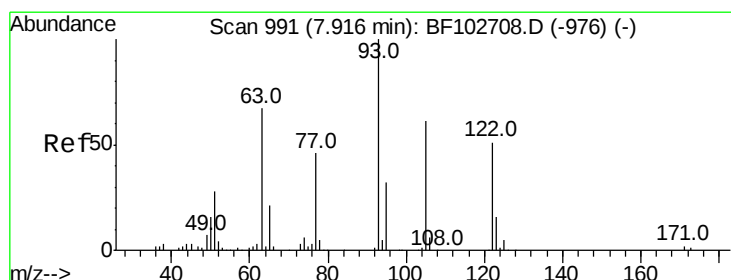
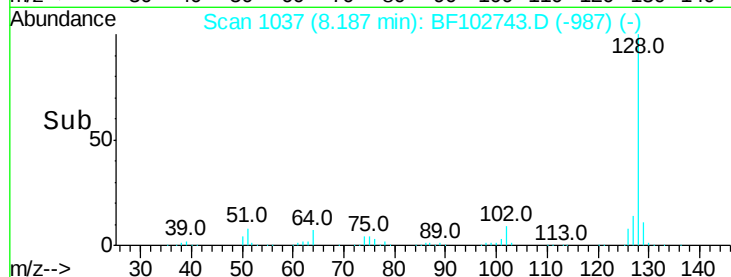
Sohil



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 49.940 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

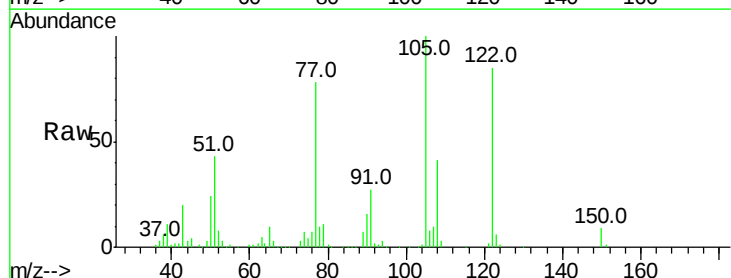
Tgt Ion:122 Resp: 453730

Ion Ratio Lower Upper

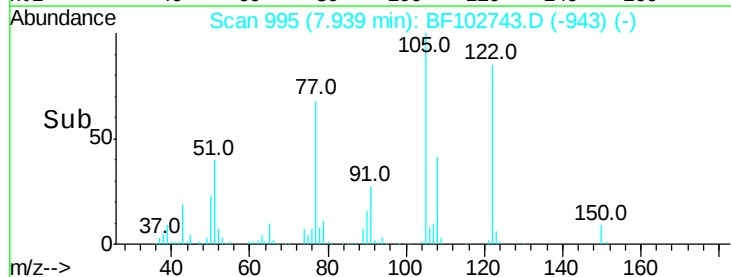
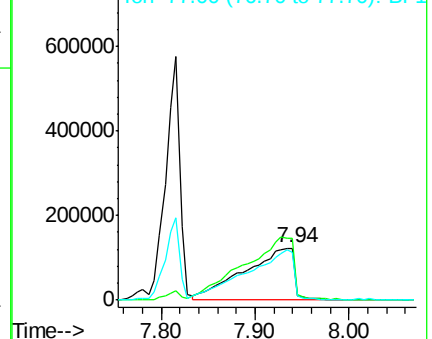
122 100

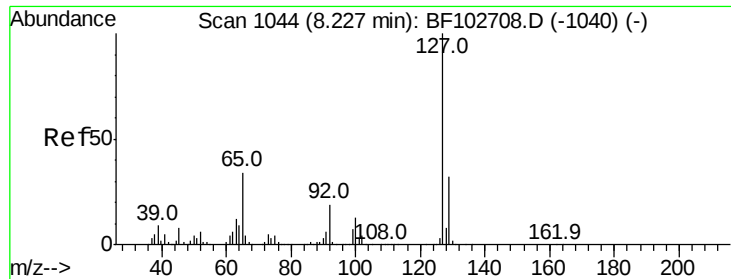
105 117.4 101.1 141.1

77 91.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33
4-Chloroaniline
Concen: 2.980 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

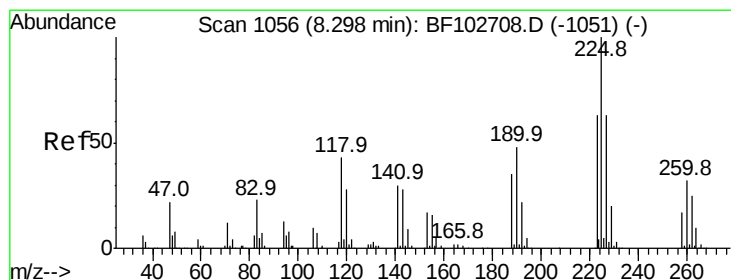
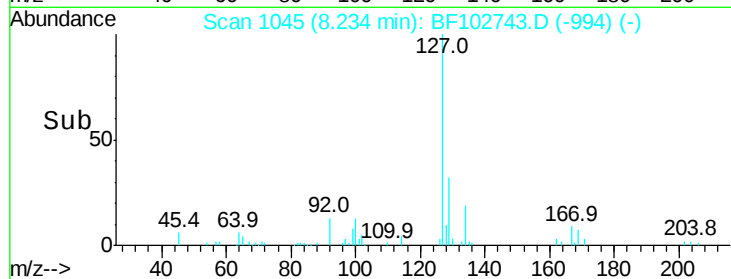
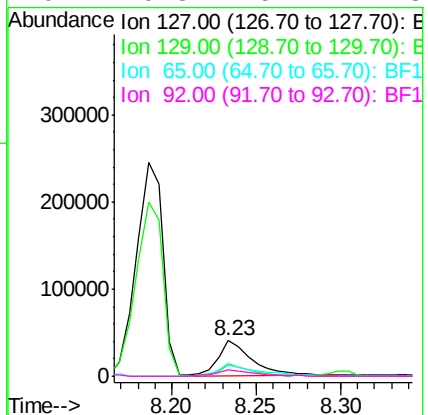
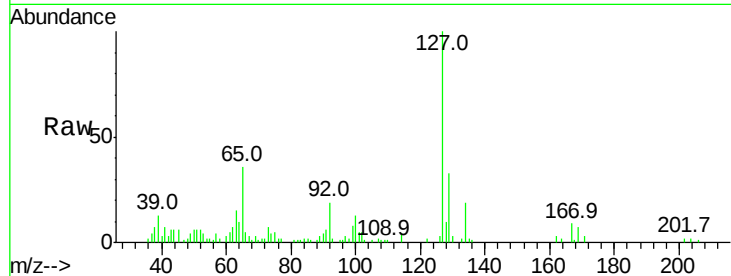
Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		56625		
129	33.0	25.9	38.9		
65	35.8	25.0	37.4		
92	19.3	15.2	22.8		

Manual Integrations
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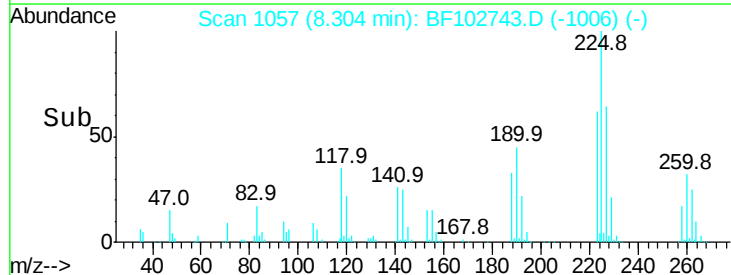
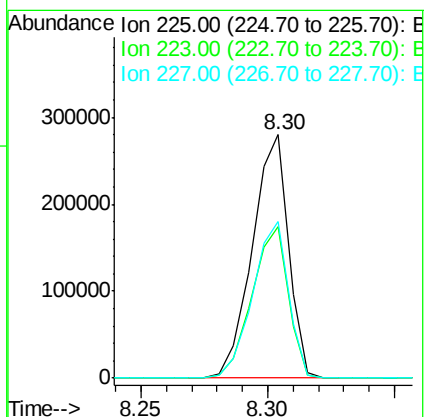
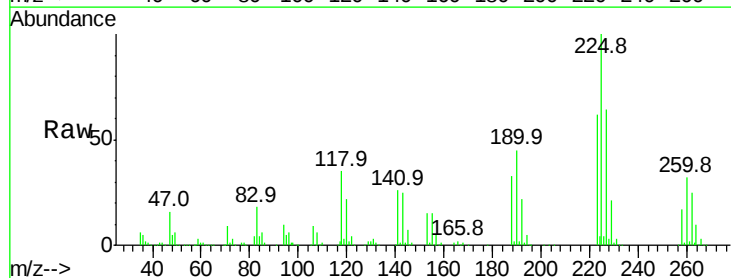
Sohil

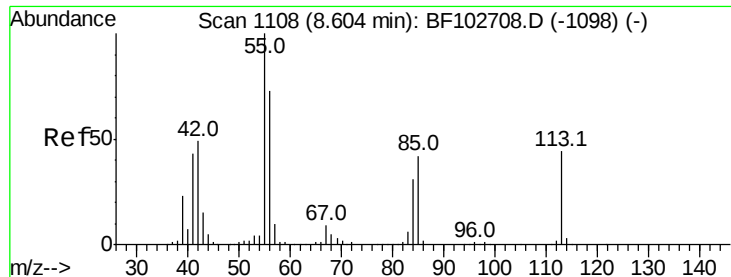
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#34
Hexachlorobutadiene
Concen: 41.749 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		278527		
223	62.0	50.6	76.0		
227	64.2	51.9	77.9		





#35

Caprolactam

Concen: 38.217 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleID :

OR-01-020218-AMSD

Tot Ion:113 Resp: 152745

Ion Ratio Lower Upper

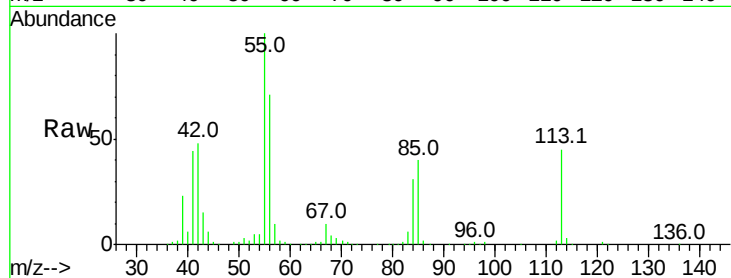
113 100

55 220.2 163.3 203.3#

56 156.3 115.7 155.7#

Manual Integrations
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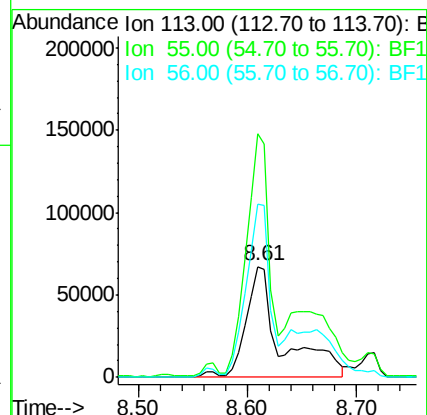
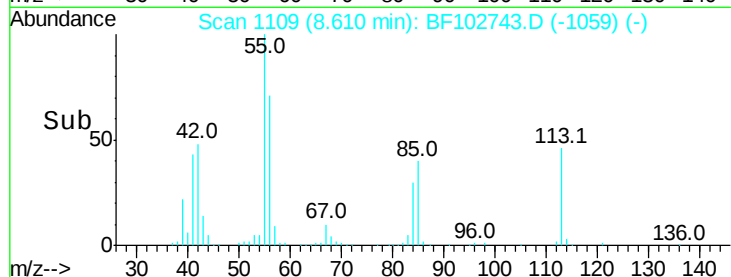
Sohil



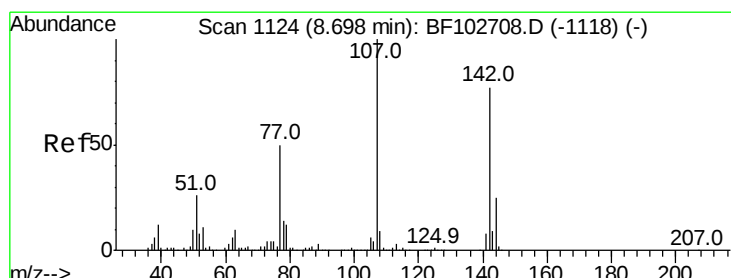
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



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#36

4-Chloro-3-methylphenol

Concen: 45.682 ng/mL

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

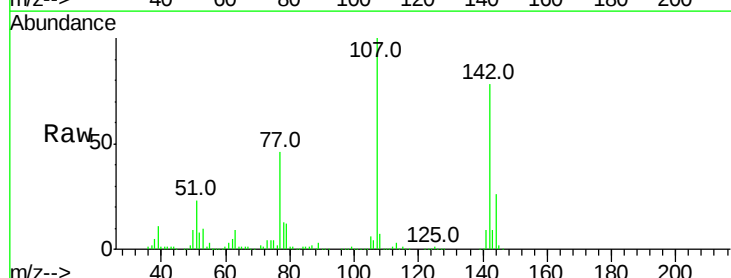
Tgt Ion:107 Resp: 590704

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

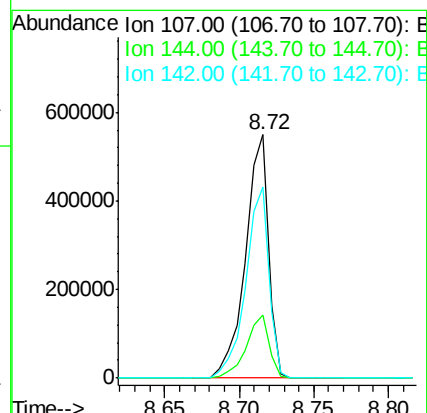
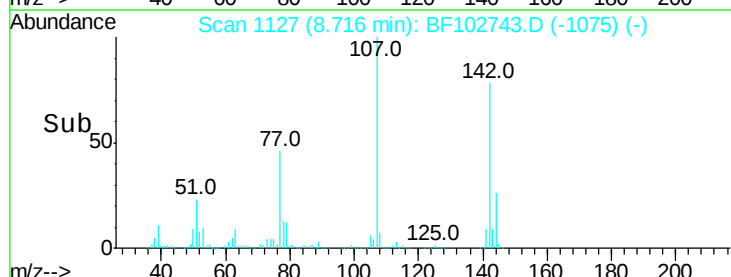
142 78.4 62.0 93.0

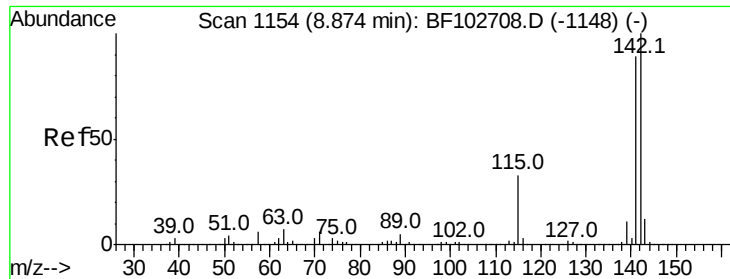


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





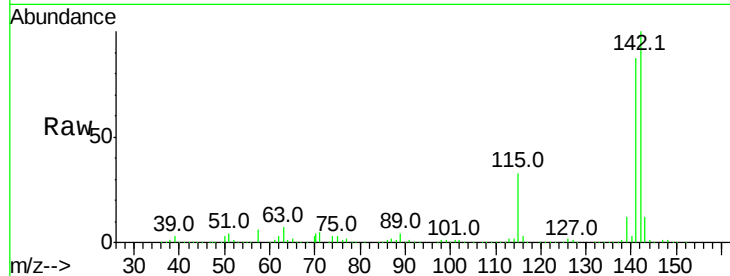
#37
2-Methylnaphthalene
Concen: 43.564 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
115	32.6	26.1	39.1

Manual Integrations
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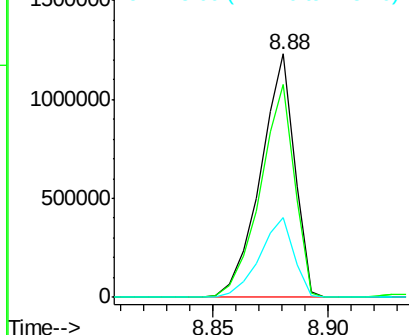


Abundance

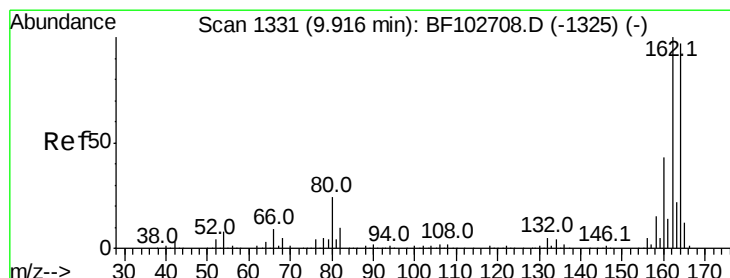
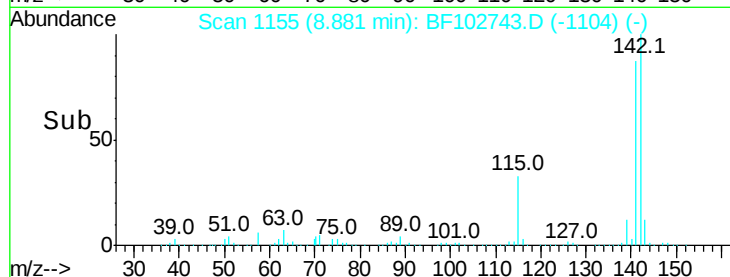
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

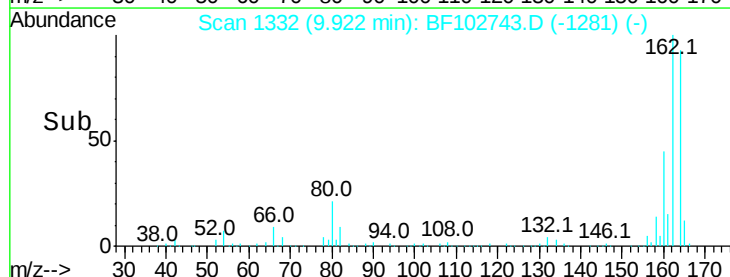
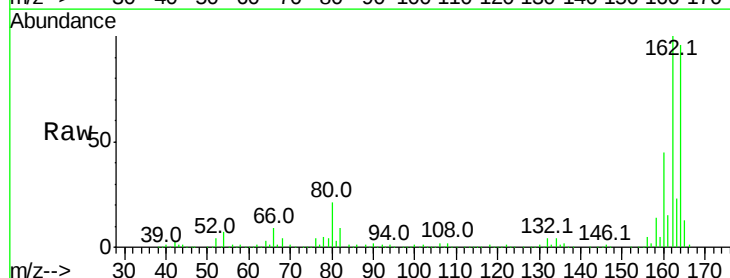
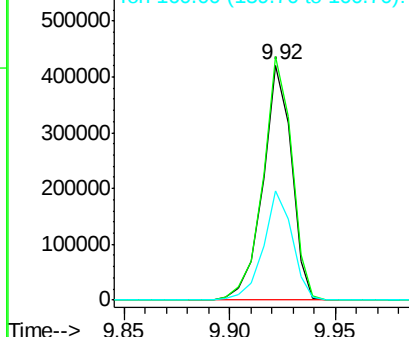
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.4	38.3	57.5

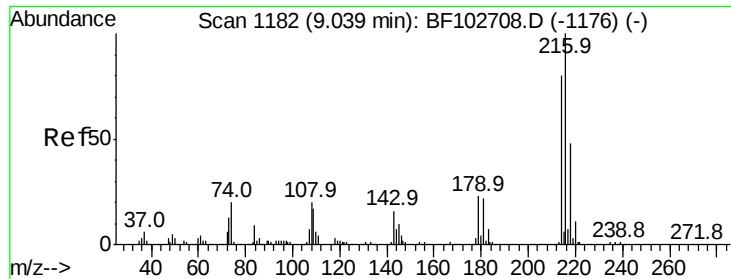
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.053 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

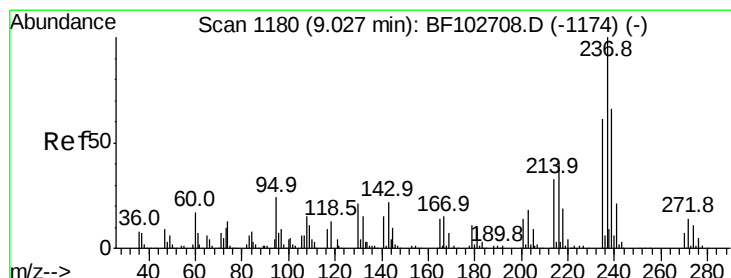
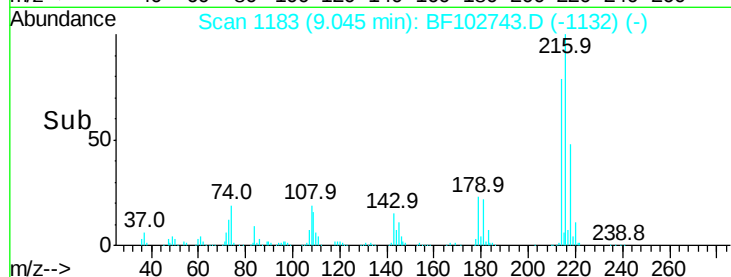
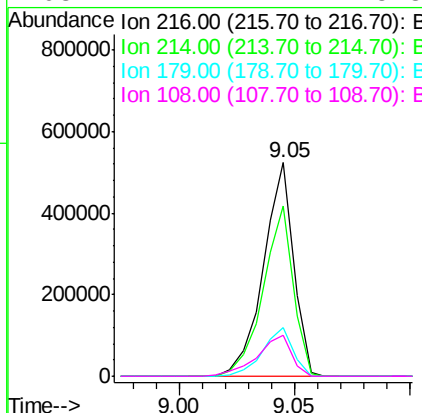
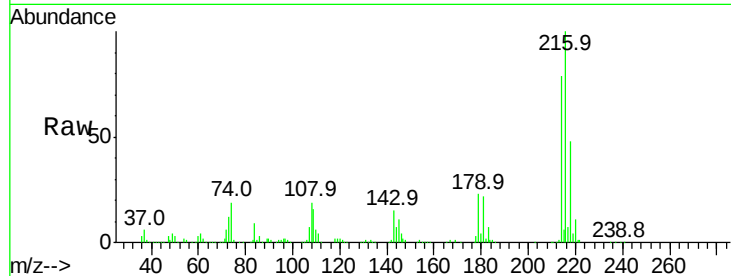
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	476900		
214	79.0	63.0	94.4	
179	22.9	18.1	27.1	
108	22.2	17.2	25.8	

Manual Integrations
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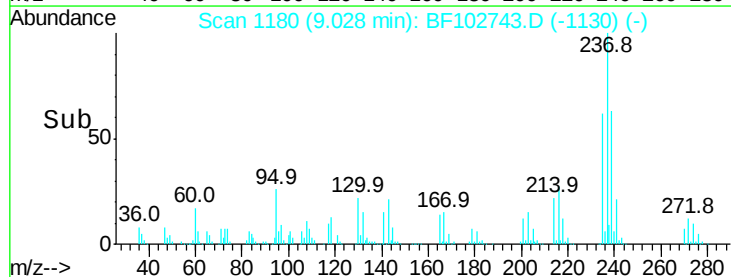
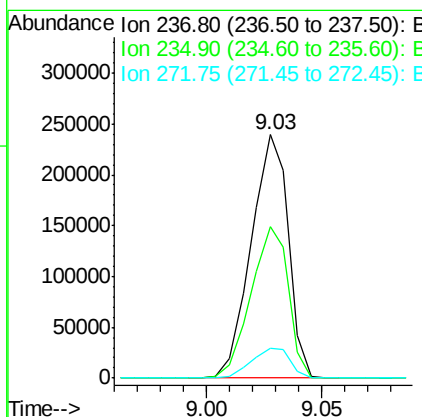
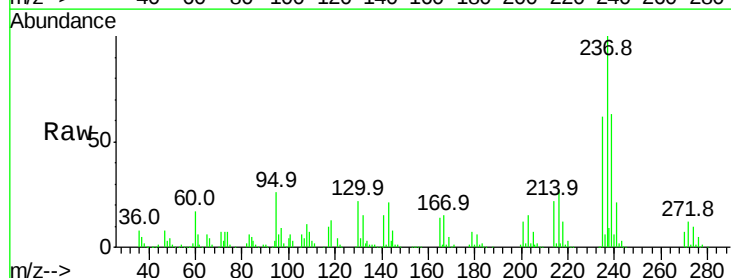
Sohil

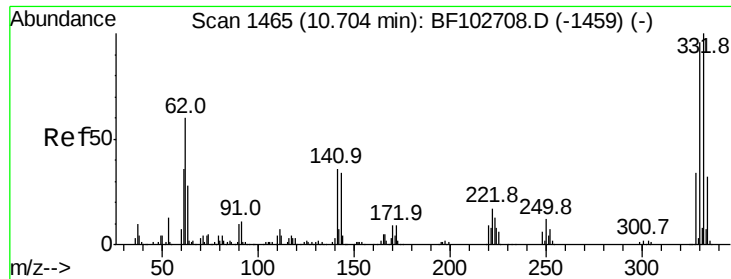
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#40
 Hexachlorocyclopentadiene
 Concen: 52.171 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	268485		
235	62.3	44.8	84.8	
272	12.5	0.0	33.3	





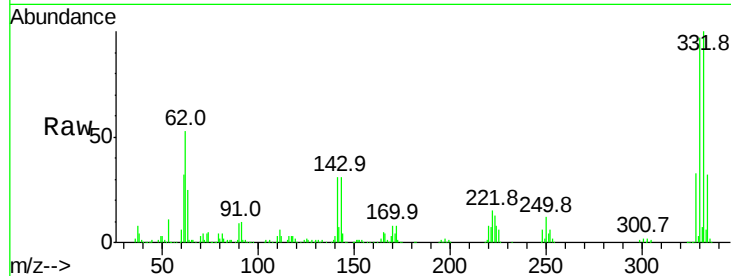
#41
 2,4,6-Tribromophenol
 Concen: 134.230 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.1	77.0	115.6	
141	37.5	29.9	44.9	

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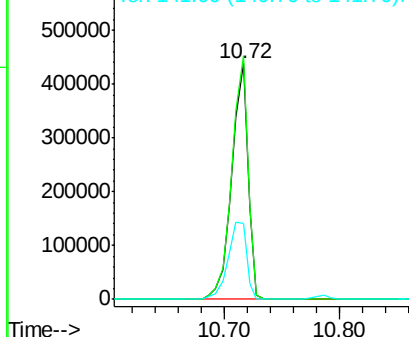


Abundance

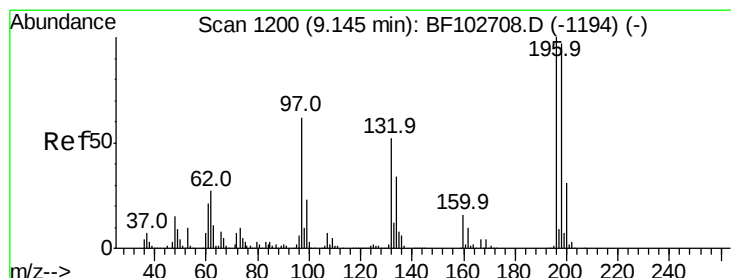
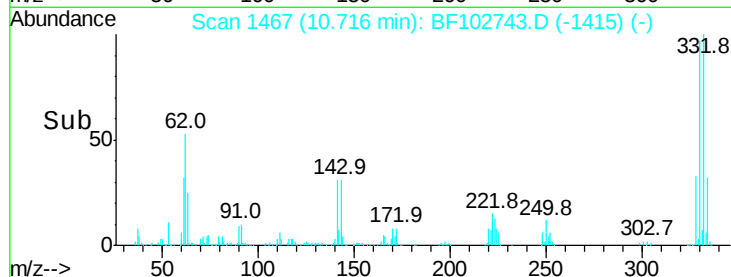
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

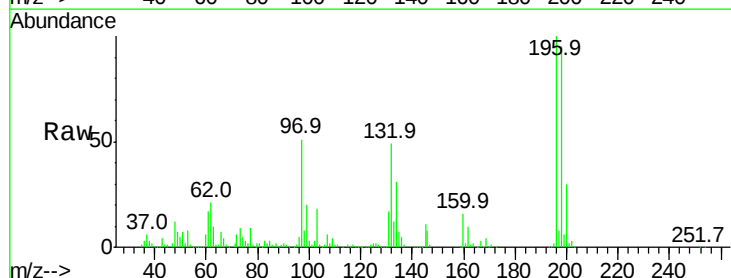


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#42
 2,4,6-Trichlorophenol
 Concen: 50.679 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	75.7	113.5	
200	30.1	24.5	36.7	

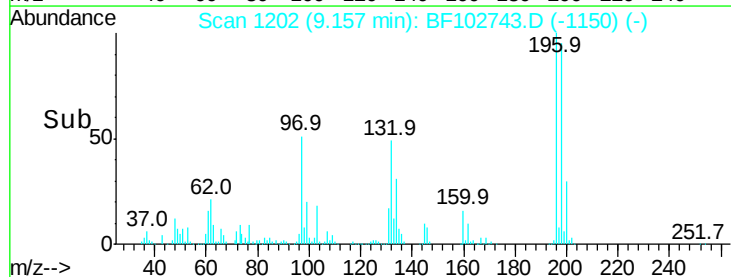
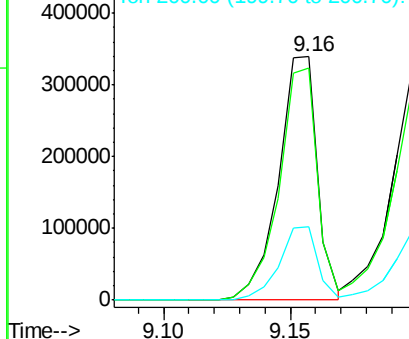


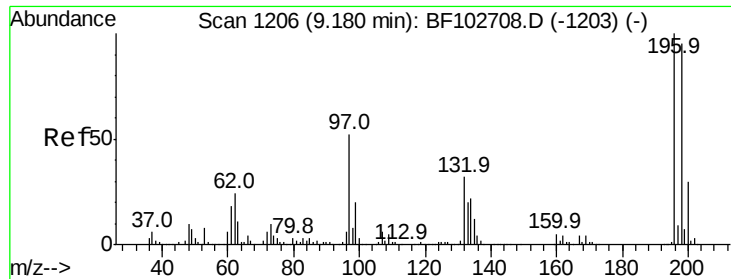
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 47.997 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

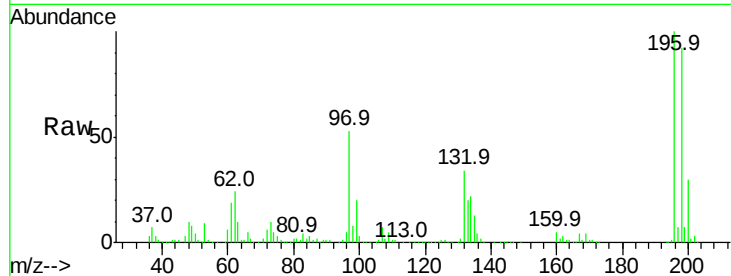
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMSD

Tot Ion	196	Resp	384653
Ion Ratio	Lower	Upper	
196	100		
198	92.2	74.6	112.0
97	52.9	42.9	64.3
132	34.0	26.3	39.5

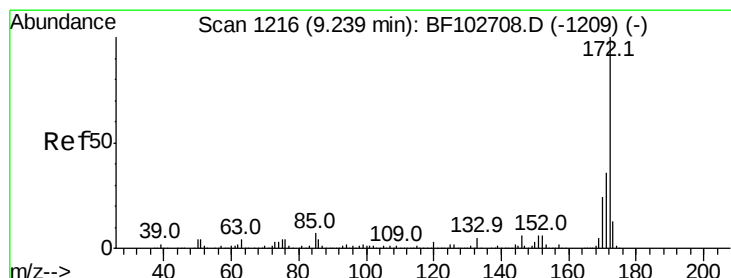
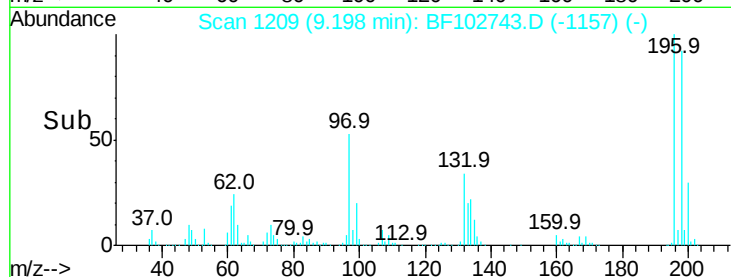
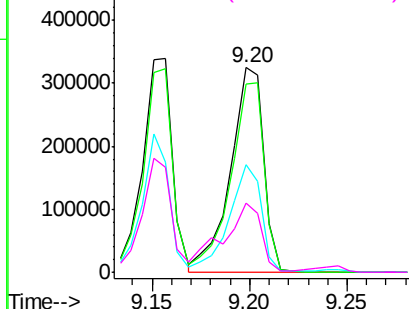
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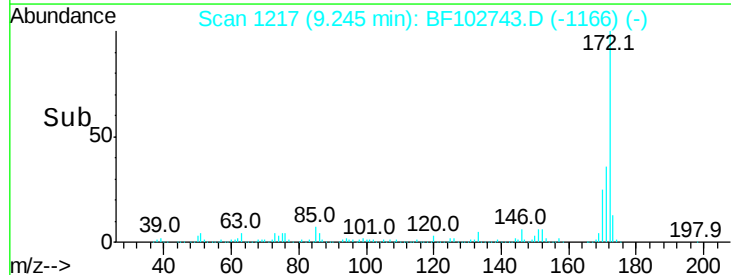
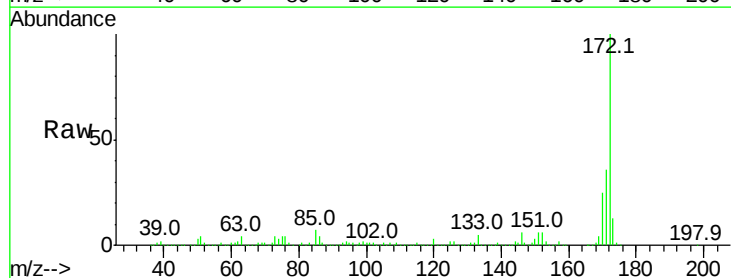
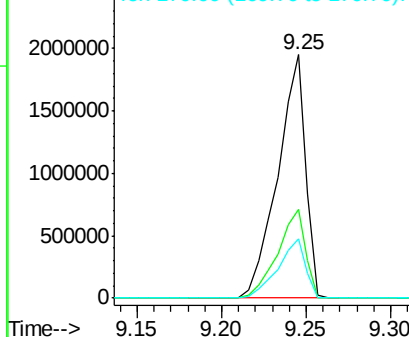
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

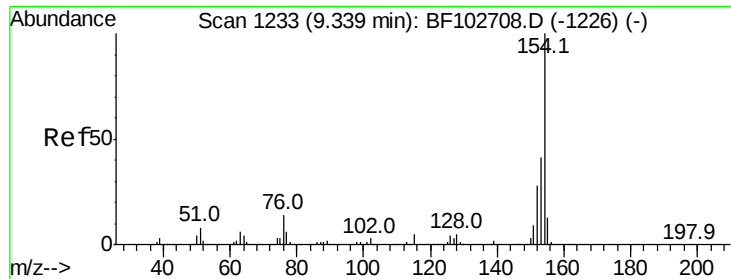


#44
 2-Fluorobiphenyl
 Concen: 93.602 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion	172	Resp	2242721
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





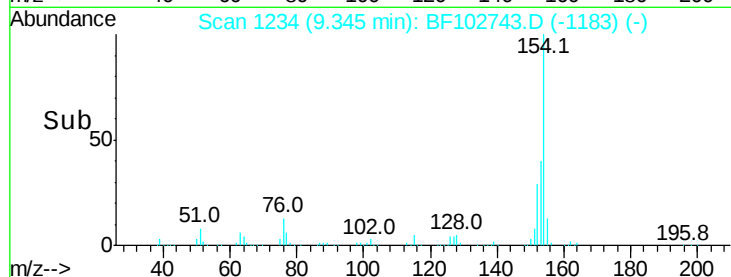
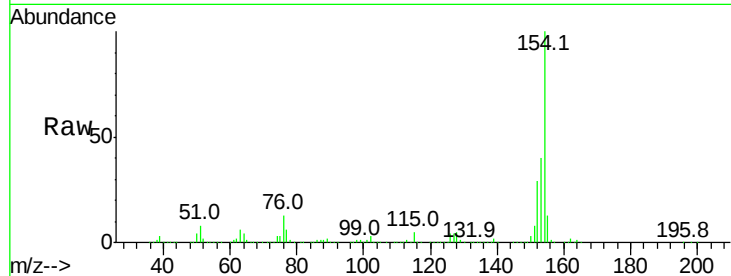
#45
1,1'-Biphenyl
Concen: 42.871 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	13.3	0.0	34.0

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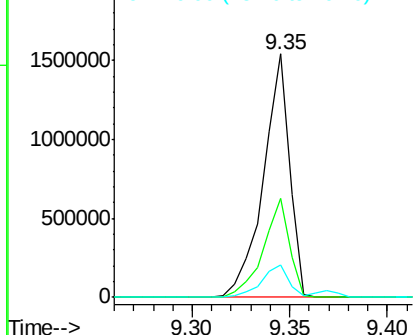


Abundance

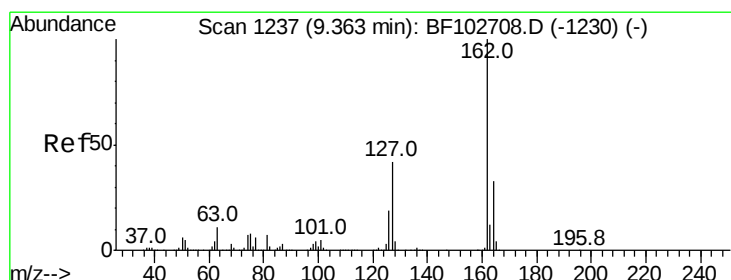
Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

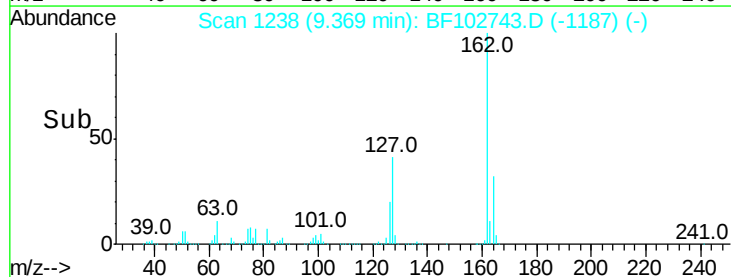
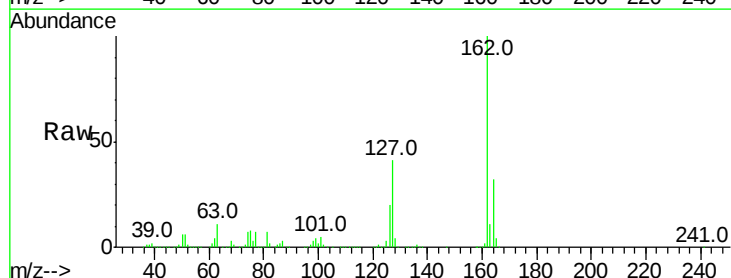


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#46
2-Chloronaphthalene
Concen: 42.743 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	32.4	26.5	39.7

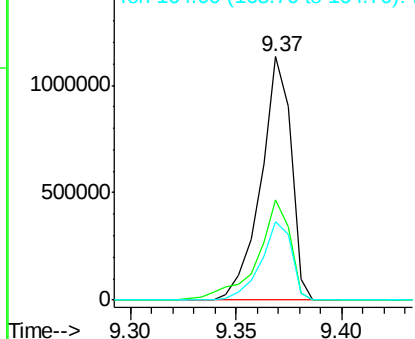


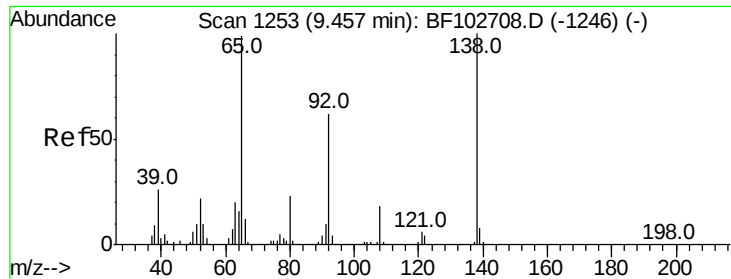
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.756 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

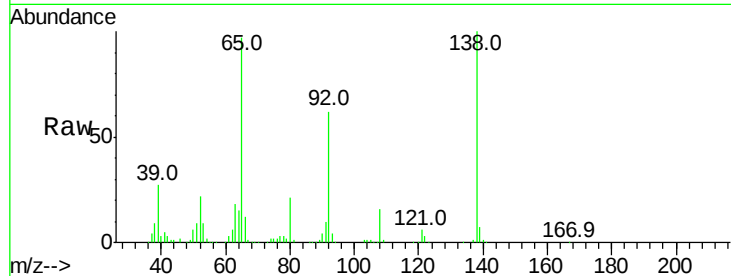
ClientSampleId :

OR-01-020218-AMSD

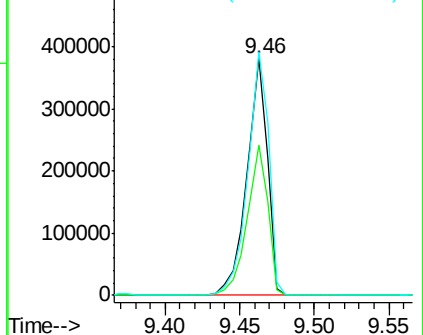
Tot Ion:	65	Resp:	362042
Ion Ratio	Lower	Upper	
65	100		
92	63.4	55.8	83.6
138	102.9	91.2	136.8

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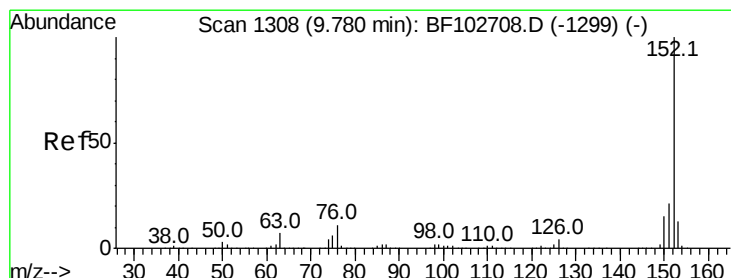
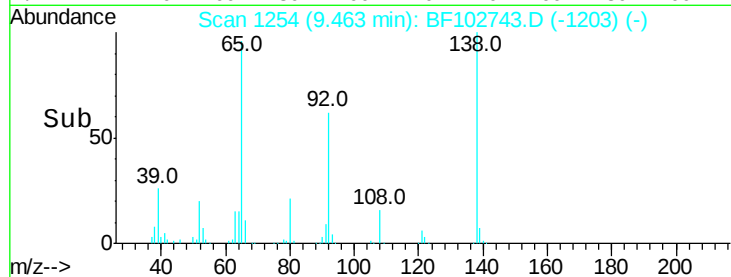
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Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



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#48

Acenaphthylene

Concen: 39.603 ng

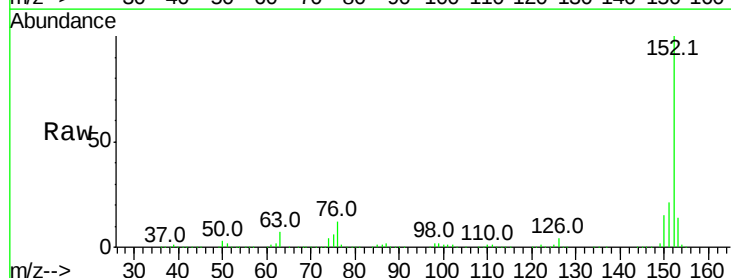
RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

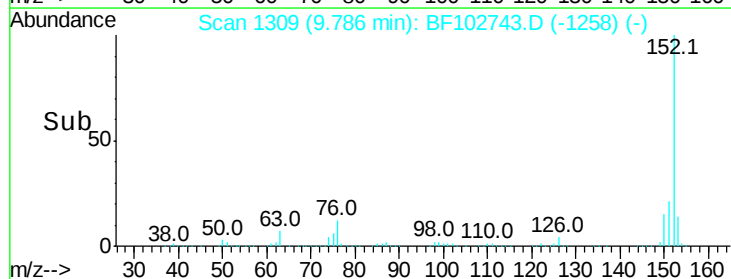
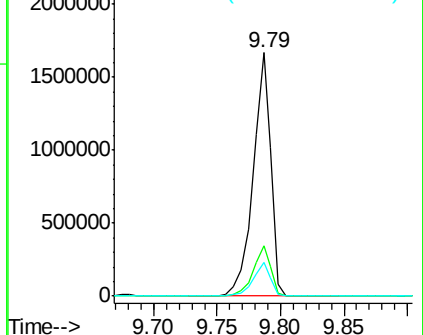
Lab File: BF102743.D

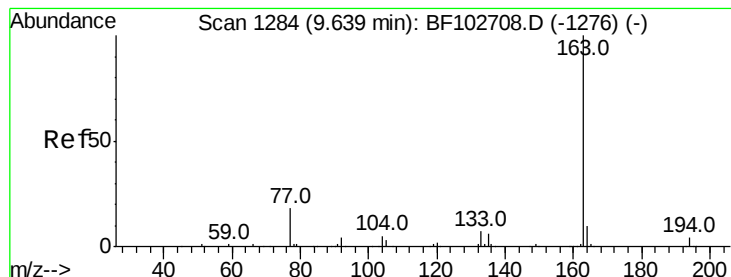
Acq: 5 Feb 2018 17:38

Tgt Ion:	152	Resp:	1621645
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.6	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 44.409 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion:163 Resp: 1376687

Ion Ratio Lower Upper

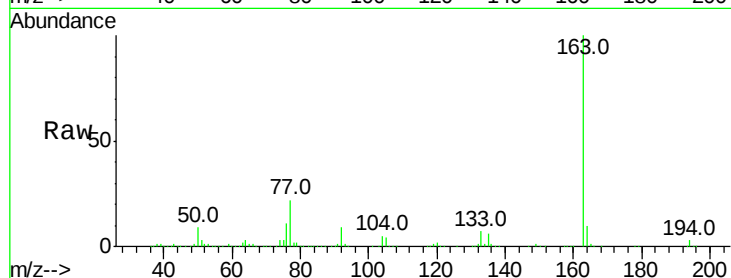
163 100

194 3.5 2.7 4.1

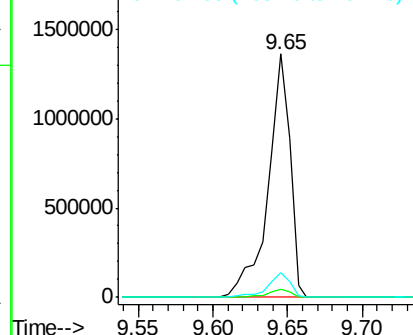
164 10.3 8.2 12.2

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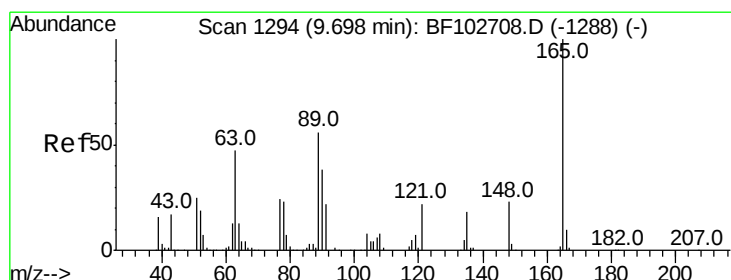
Sohil



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



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#50

2,6-Dinitrotoluene

Concen: 50.970 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

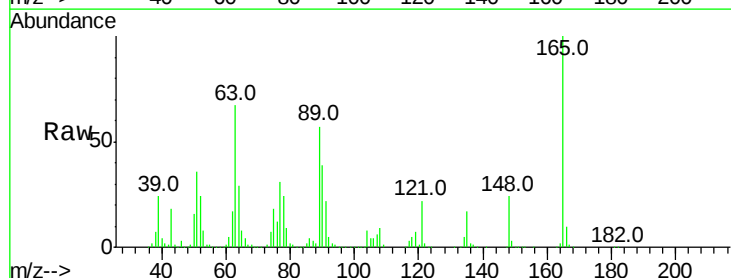
Tgt Ion:165 Resp: 300615

Ion Ratio Lower Upper

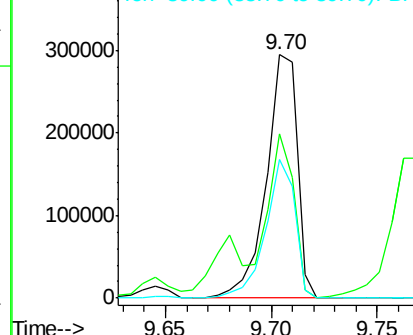
165 100

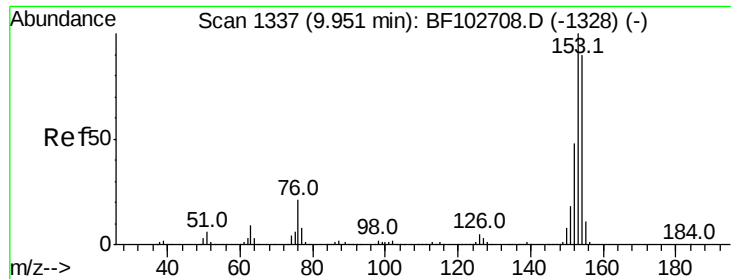
63 67.4 44.7 67.1#

89 56.9 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 44.363 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion:154 Resp: 1086354

Ion Ratio Lower Upper

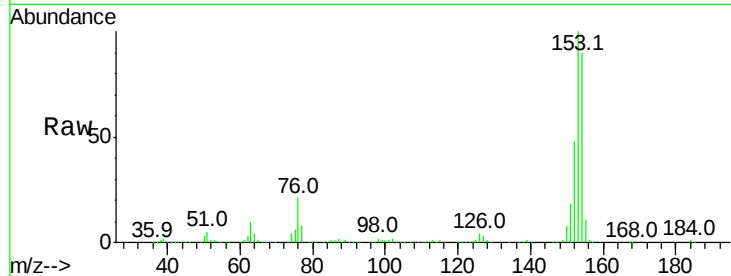
154 100

153 111.0 91.2 136.8

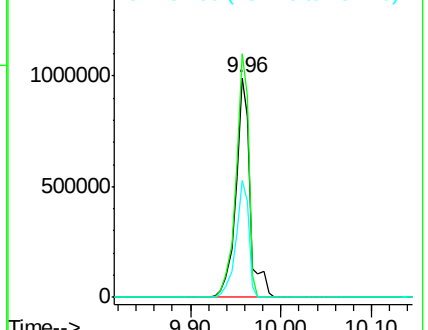
152 53.6 43.8 65.8

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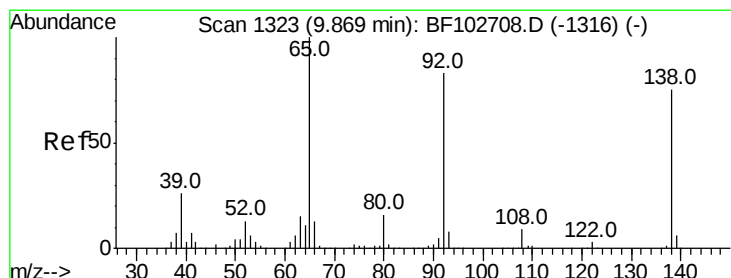
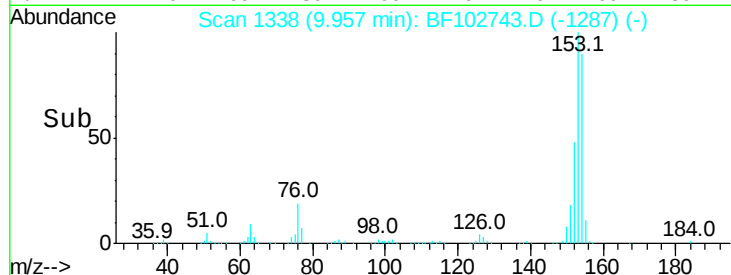
Sohil



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 13.321 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

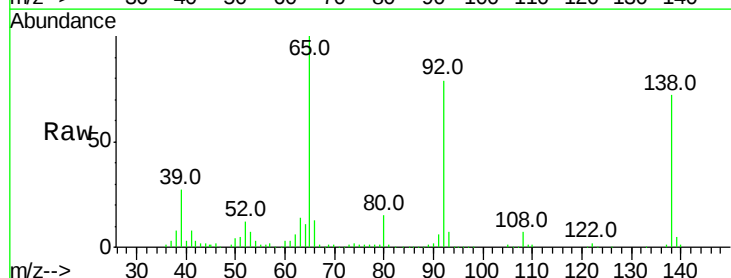
Tgt Ion:138 Resp: 96668

Ion Ratio Lower Upper

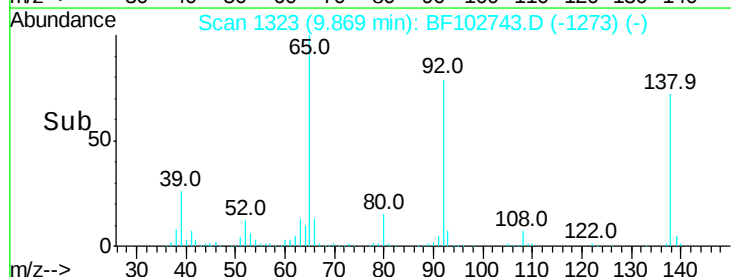
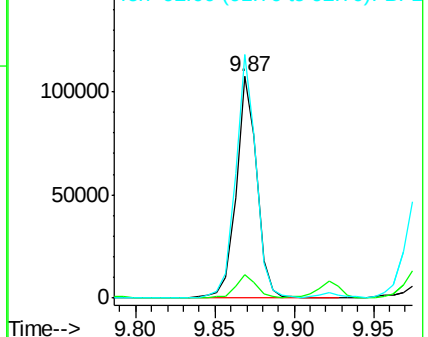
138 100

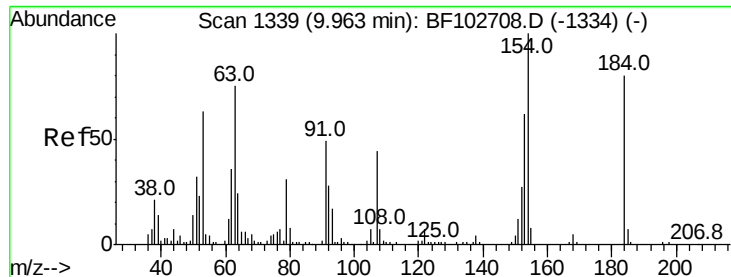
108 10.3 9.4 14.0

92 110.0 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





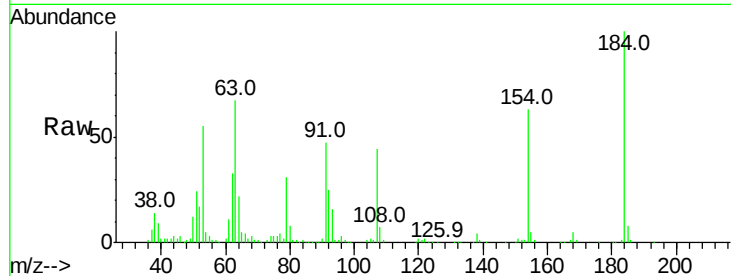
#53
2,4-Dinitrophenol
Concen: 82.533 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

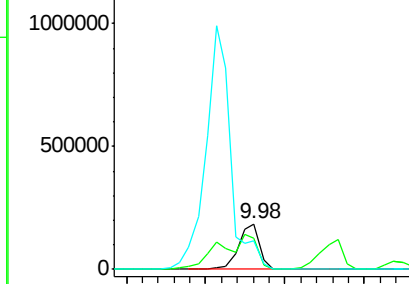
Tot Ion	Ratio	Lower	Upper
184	100		
63	66.7	54.2	81.2
154	63.4	184.0	276.0#

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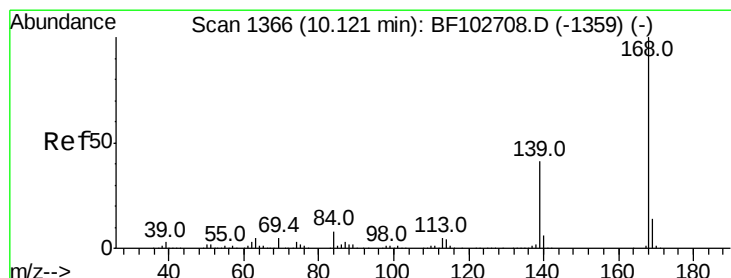
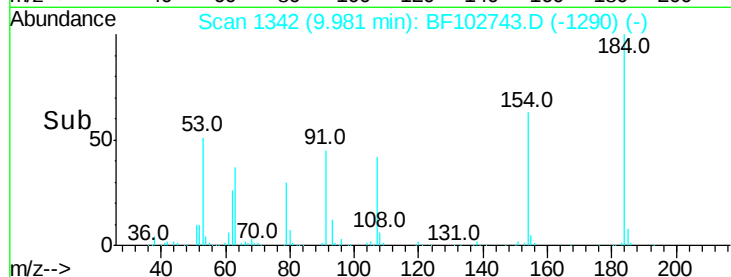
Sohil



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

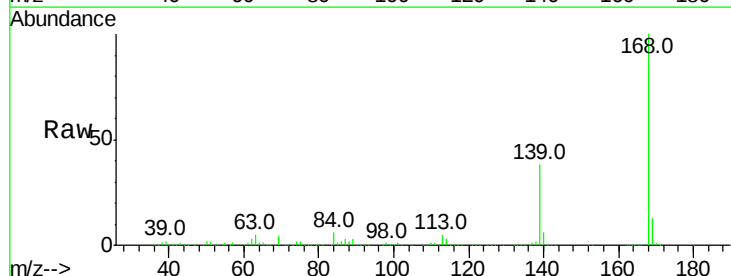


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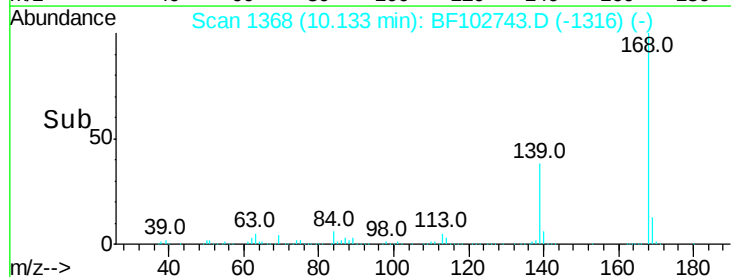
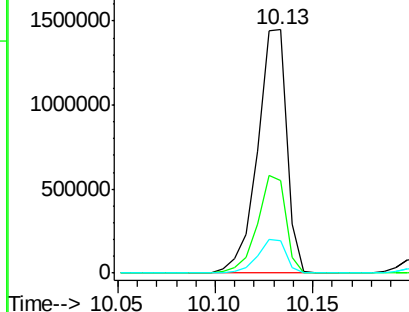


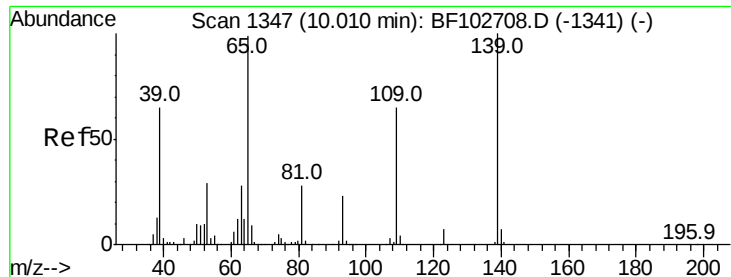
#54
Dibenzofuran
Concen: 43.553 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.4	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 72.763 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

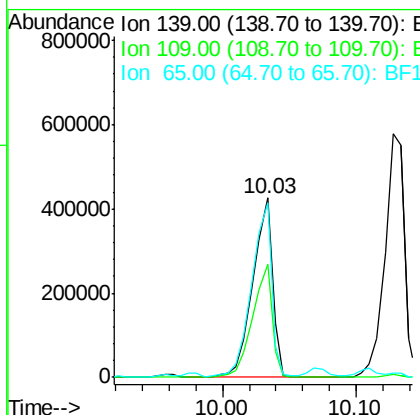
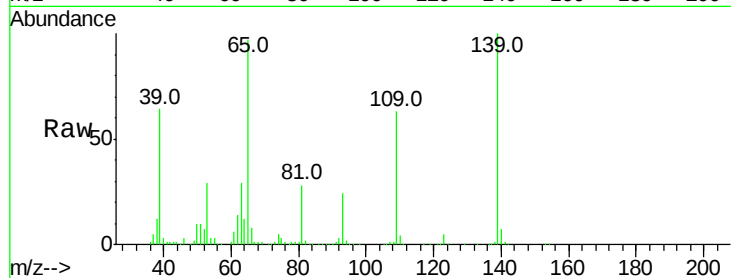
ClientSampleId :

OR-01-020218-AMSD

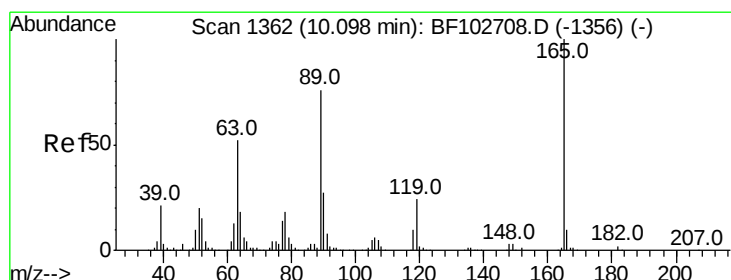
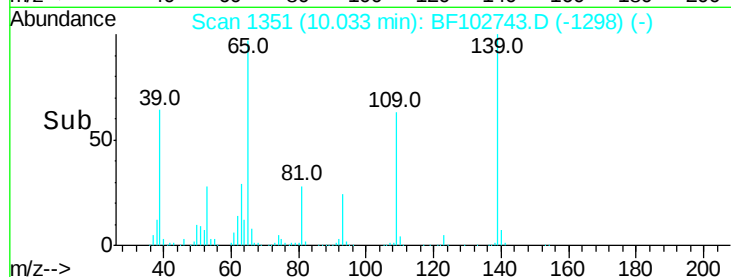
Tot Ion:	139	Resp:	431650
Ion Ratio	Lower	Upper	
139	100		
109	62.8	48.4	88.4
65	97.3	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 49.083 ng

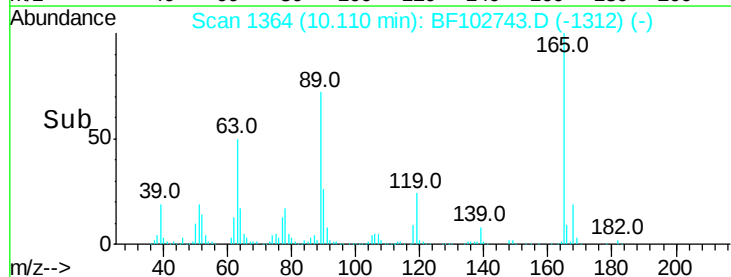
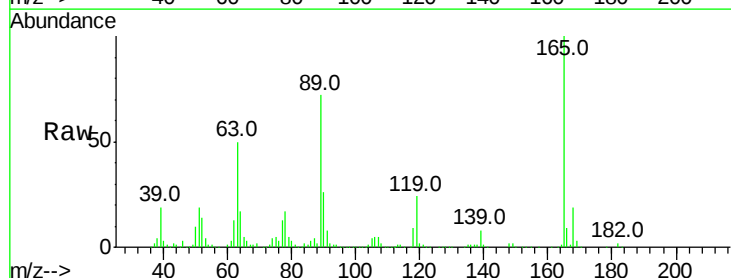
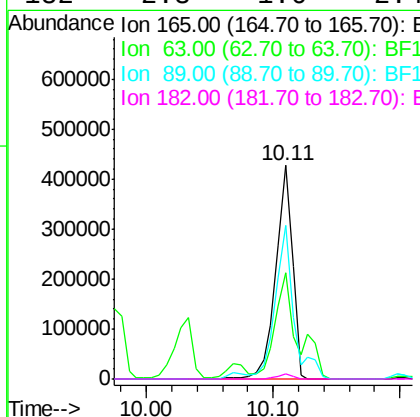
RT: 10.11 min Scan# 1364

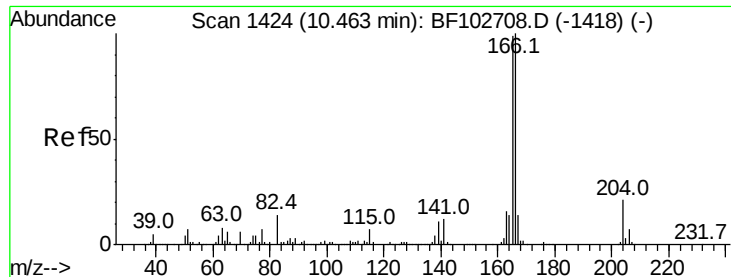
Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion:	165	Resp:	388830
Ion Ratio	Lower	Upper	
165	100		
63	50.0	36.4	54.6
89	72.1	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 42.931 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion:166 Resp: 1077933

Ion Ratio Lower Upper

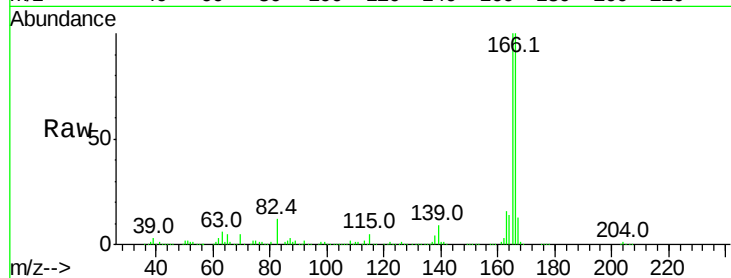
166 100

165 99.8 79.8 119.8

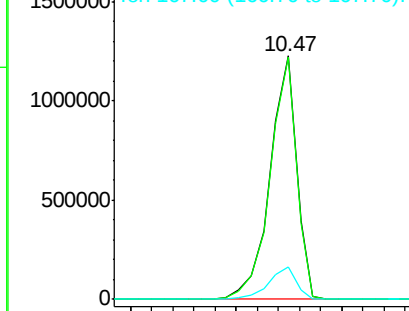
167 13.1 10.6 16.0

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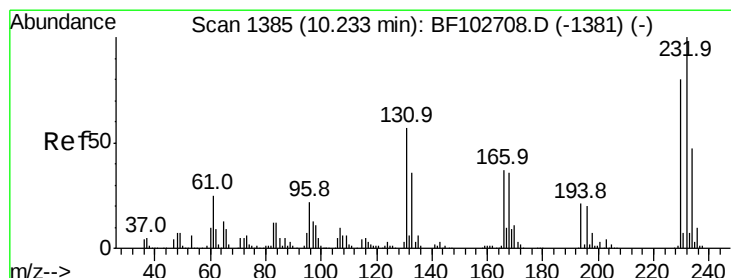
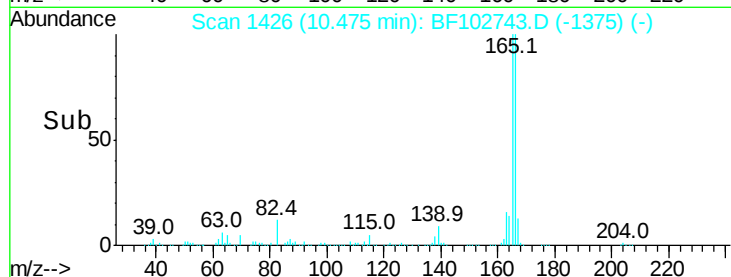
Sohil



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.971 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion:232 Resp: 277565

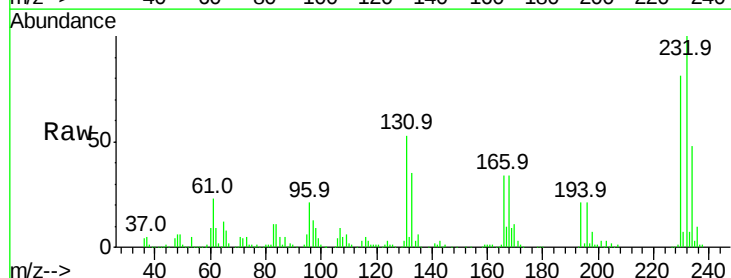
Ion Ratio Lower Upper

232 100

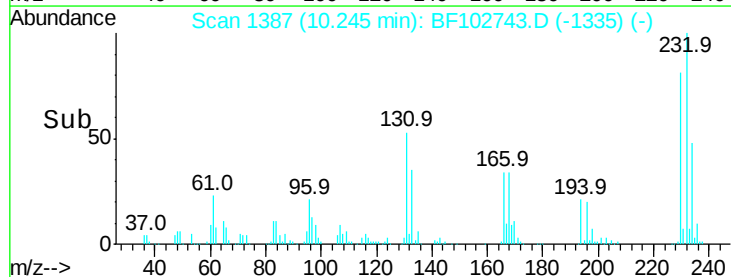
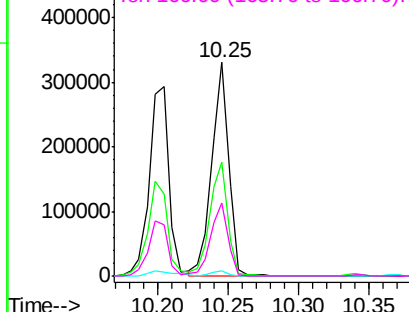
131 55.1 43.8 65.8

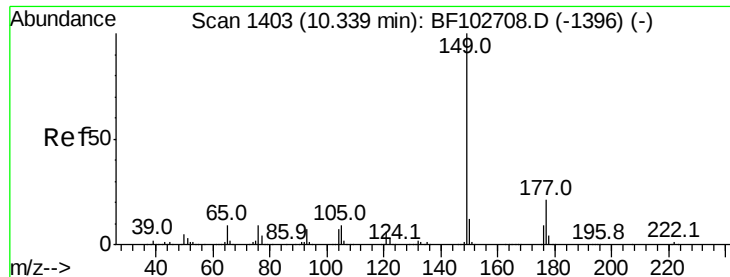
130 2.6 2.1 3.1

166 35.4 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





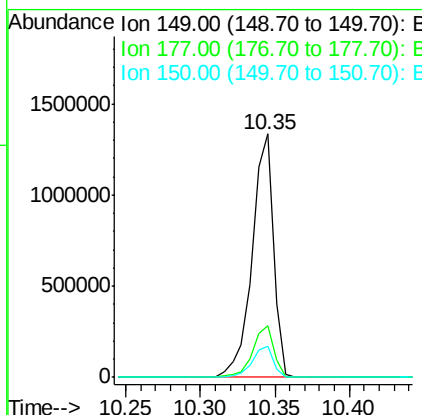
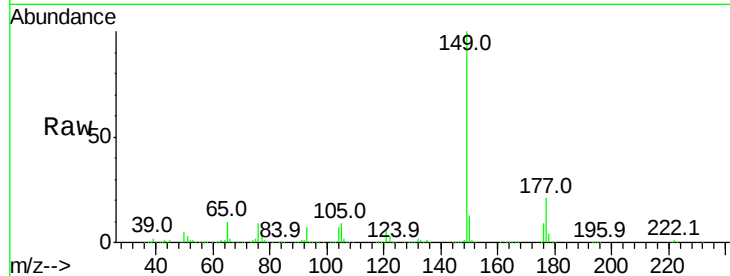
#59
Diethylphthalate
Concen: 42.766 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

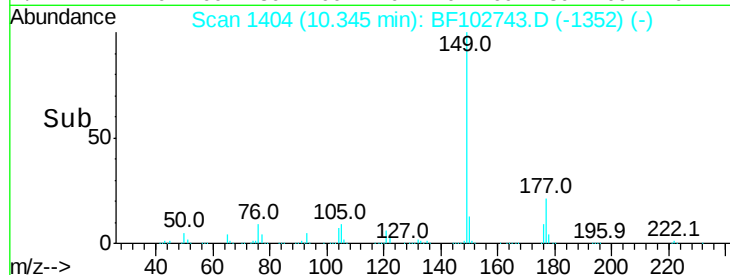
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.7	10.1	15.1

Manual Integrations
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Sohil

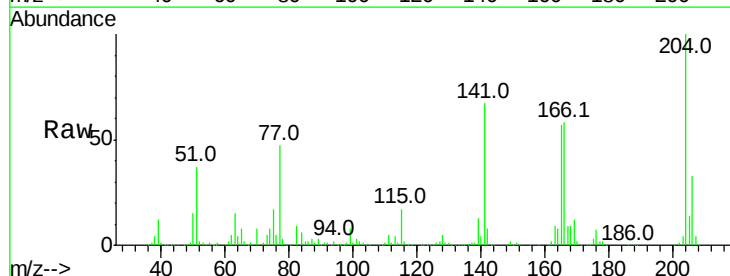
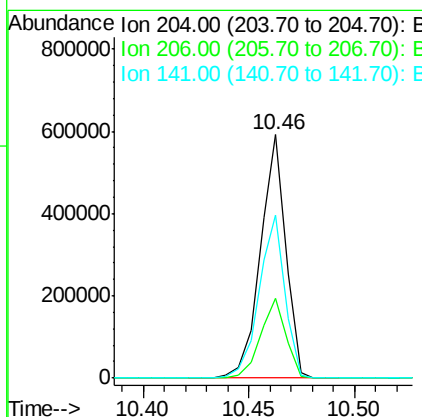
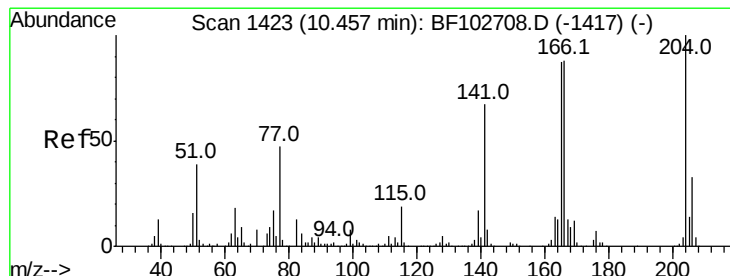


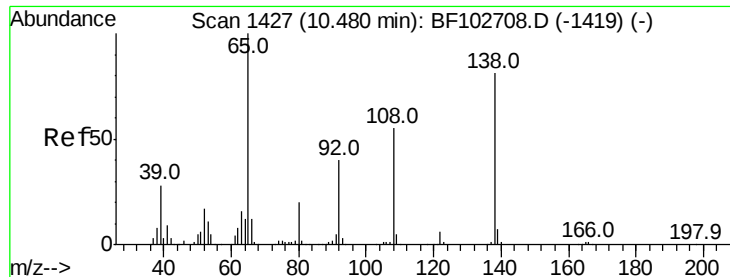
2/6/2018 2:25:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.488 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	67.1	54.6	81.8





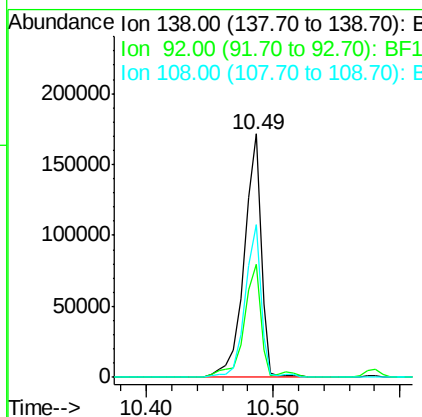
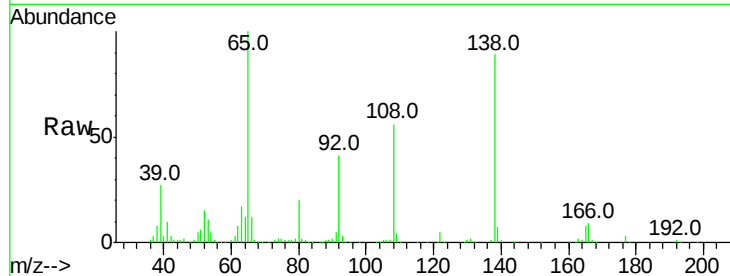
#61
4-Nitroaniline
Concen: 23.005 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

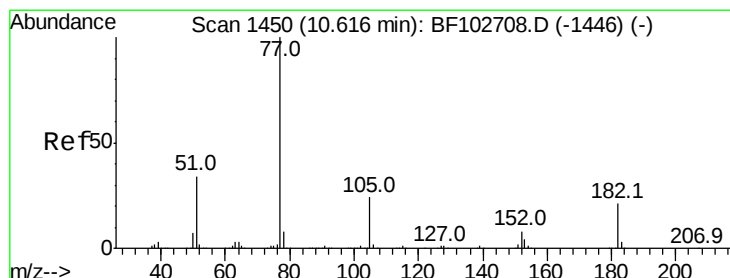
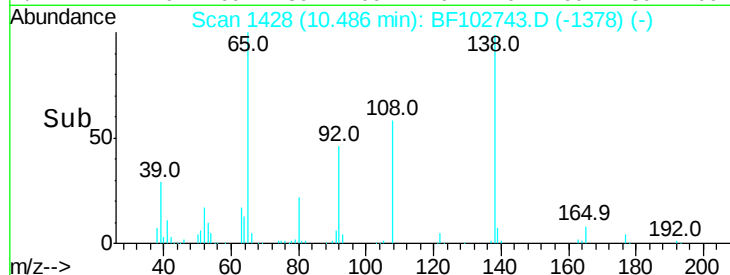
Tot Ion	Ratio	Resp	Lower	Upper
138	100	158912		
92	46.3	30.2	70.2	
108	62.5	52.5	92.5	

Manual Integrations
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Sohil

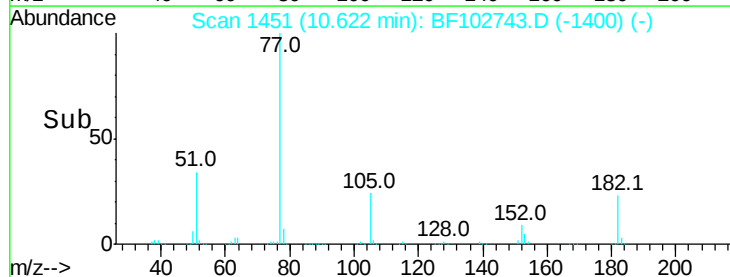
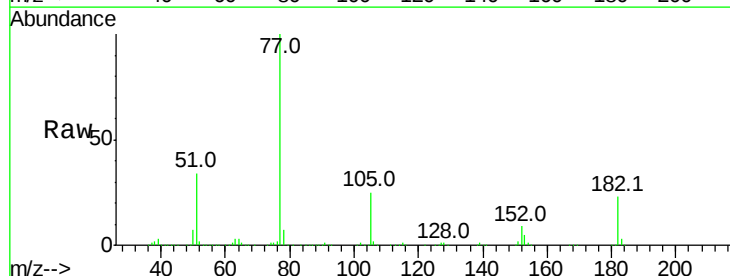
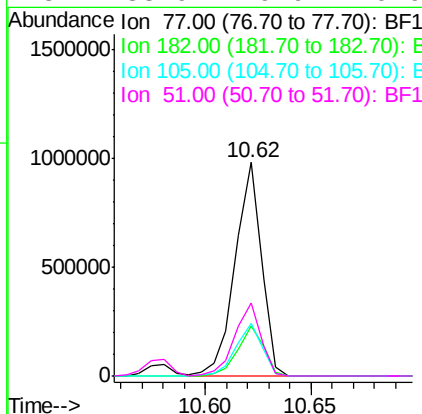


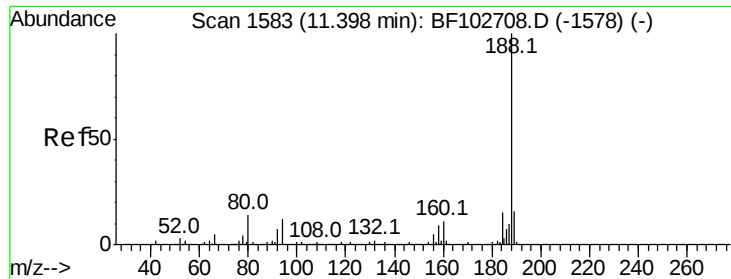
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#62
Azobenzene
Concen: 27.663 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	845912		
182	23.1	1.7	41.7	
105	24.8	3.0	43.0	
51	33.9	9.9	49.9	





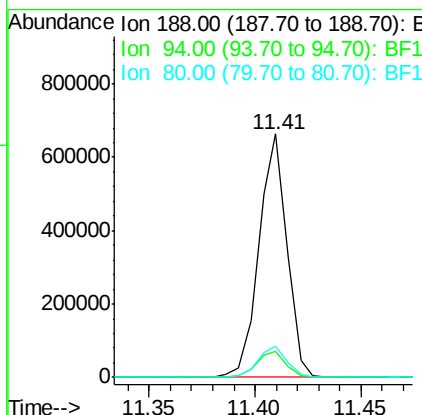
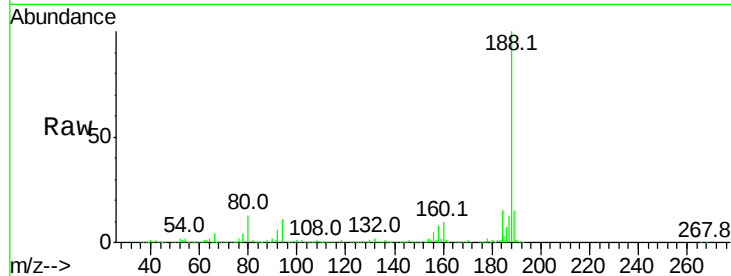
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

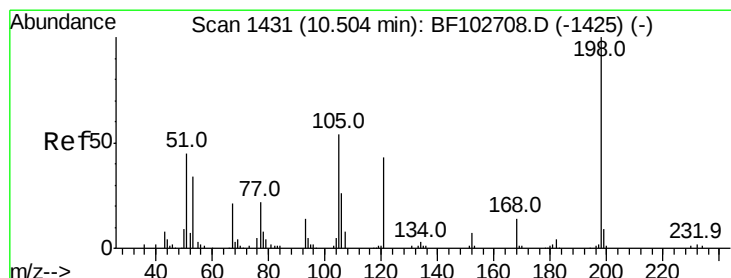
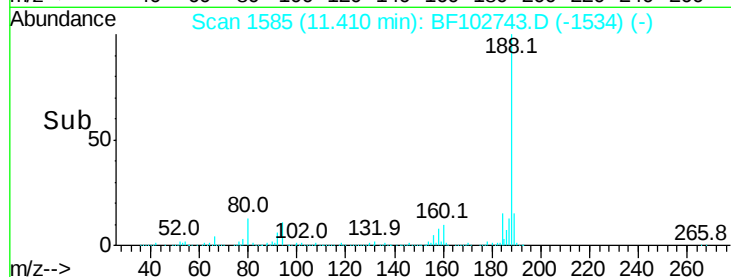
Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.7	8.5	12.7	
80	12.7	9.2	13.8	

Manual Integrations
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Sohil

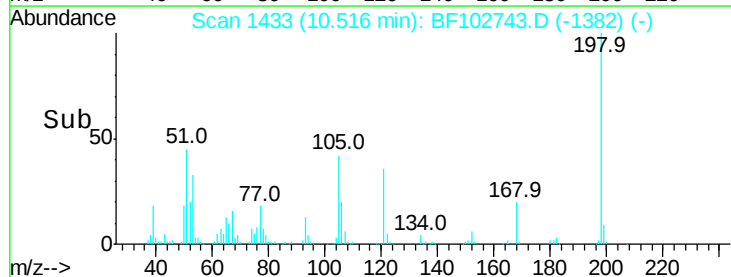
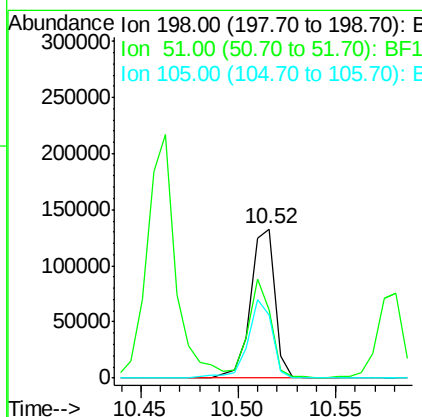
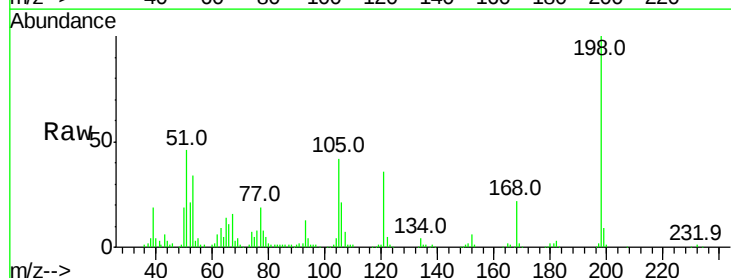


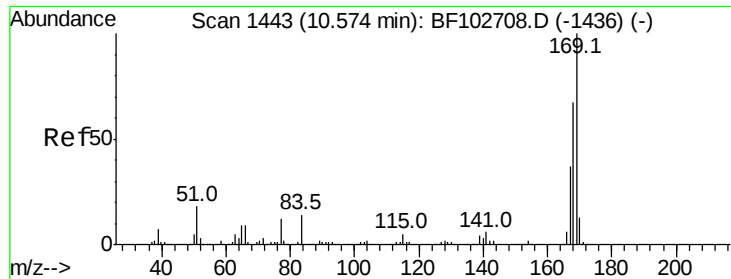
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.147 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.6	37.7	77.7	
105	42.1	36.3	76.3	





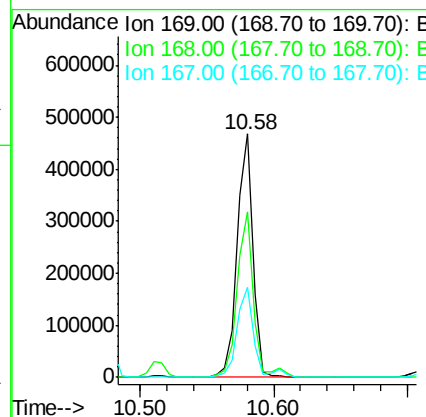
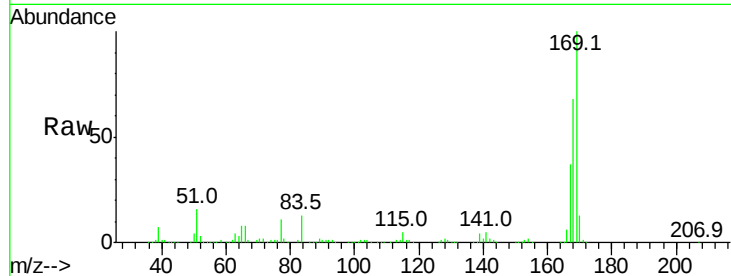
#65
 n-Nitrosodiphenylamine
 Concen: 18.245 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMSD

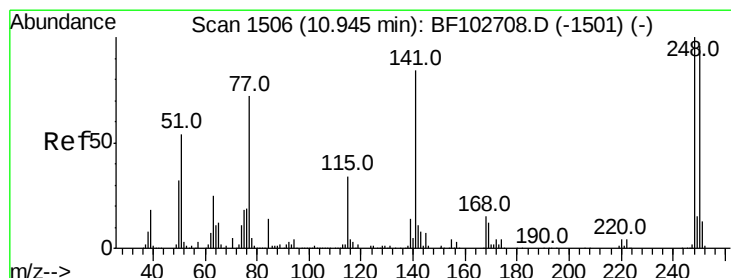
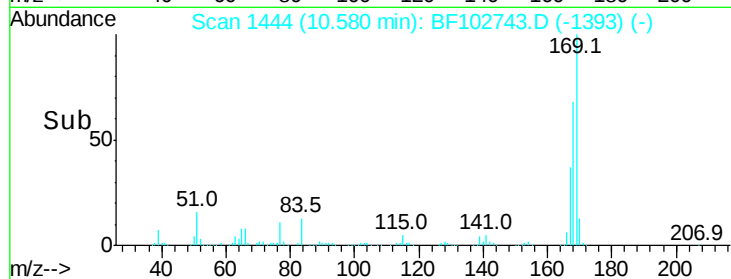
Tot Ion	Ratio	Resp	Lower	Upper
169	100	393587		
168	67.8		54.4	81.6
167	37.2		29.8	44.6

Manual Integrations
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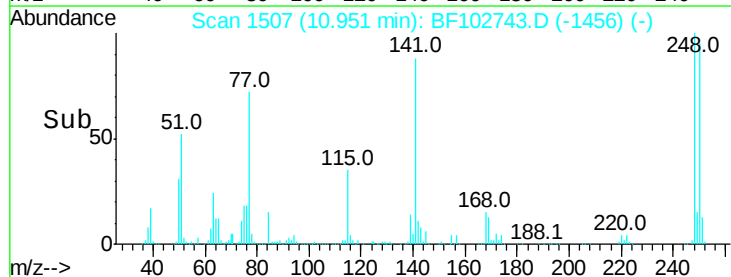
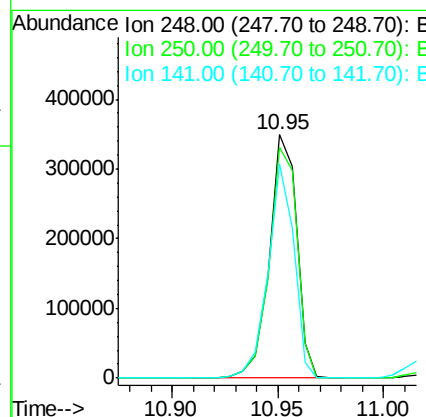
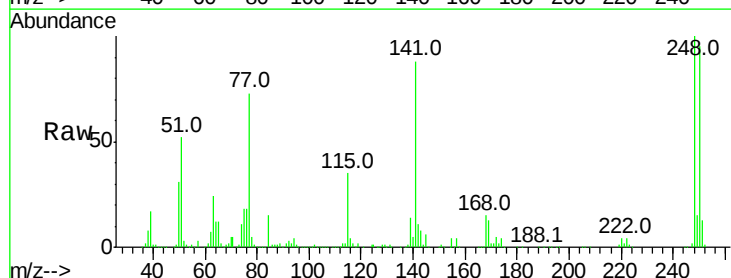


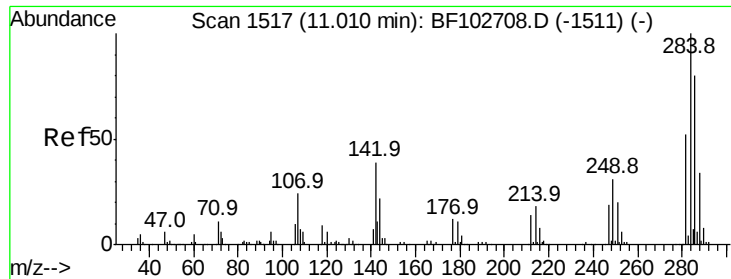
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#66
 4-Bromophenyl-phenylether
 Concen: 48.743 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	315344		
250	95.1		76.9	115.3
141	88.1		74.4	111.6





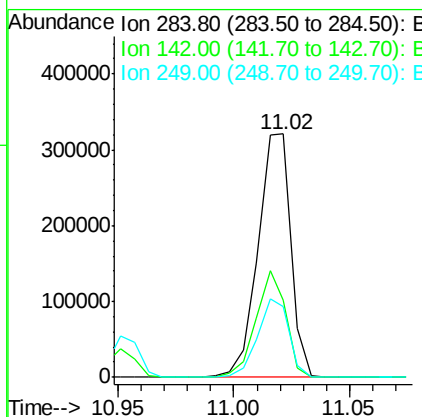
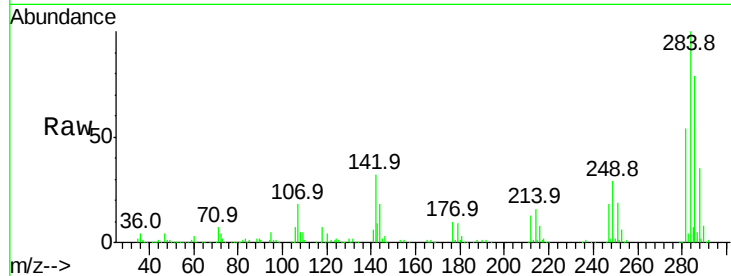
#67
Hexachlorobenzene
Concen: 44.602 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

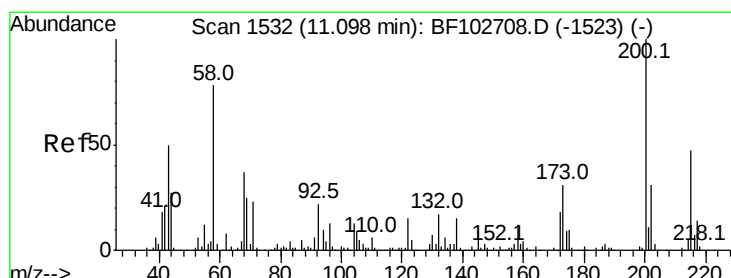
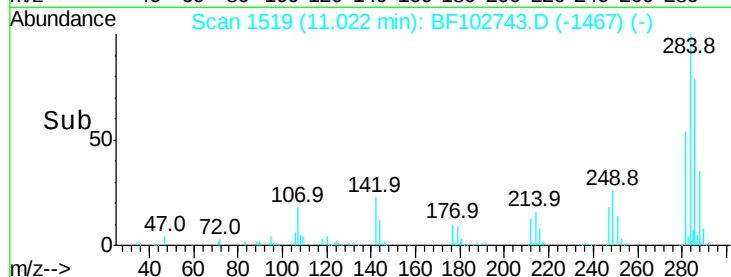
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.7	34.6	52.0	
249	29.2	24.8	37.2	

Manual Integrations
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Sohil

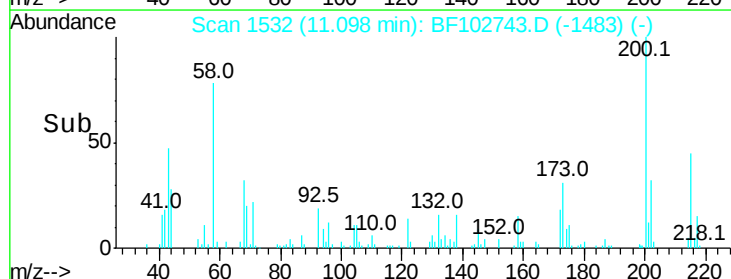
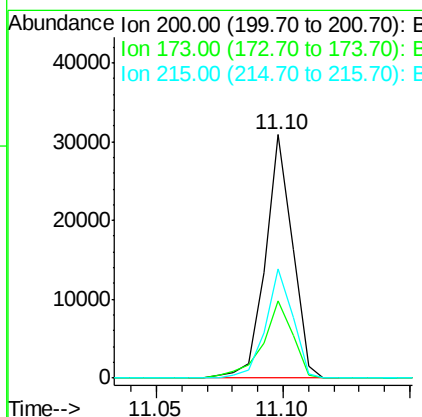
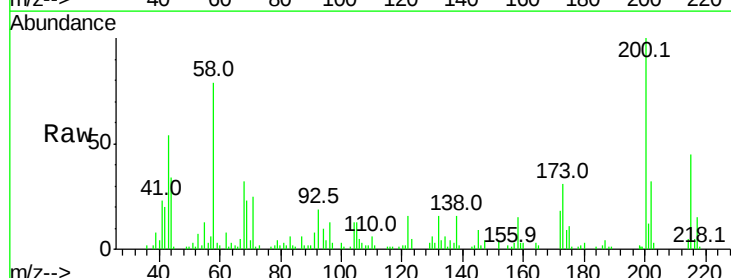


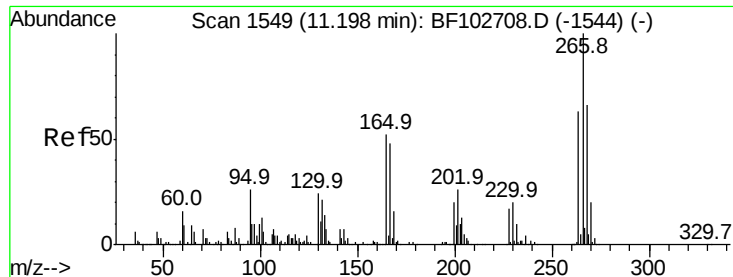
2/6/2018 2:25:37 PM



#68
Atrazine
Concen: 3.606 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.5	8.6	48.6	
215	45.0	25.1	65.1	





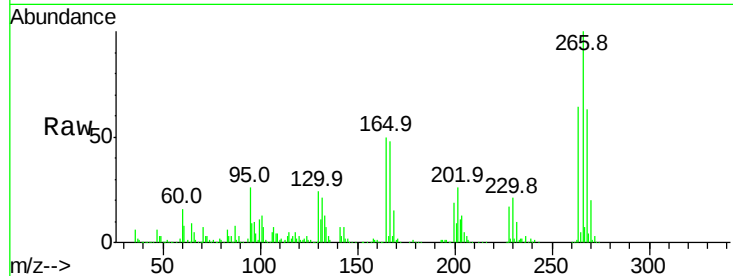
#69
 Pentachlorophenol
 Concen: 83.413 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-AMSD

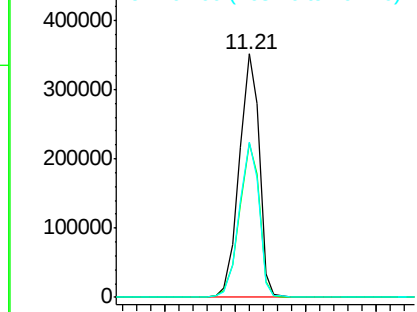
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.3	51.1	76.7	
264	63.7	49.5	74.3	

Manual Integrations
 APPROVED

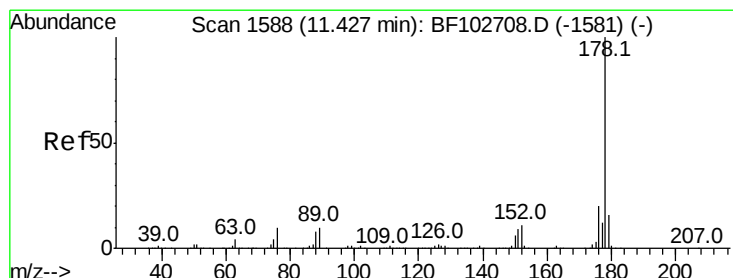
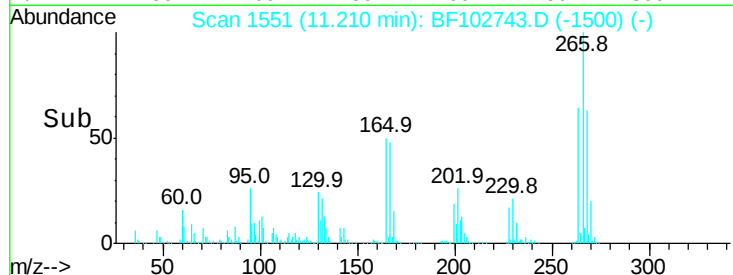
Sohil



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

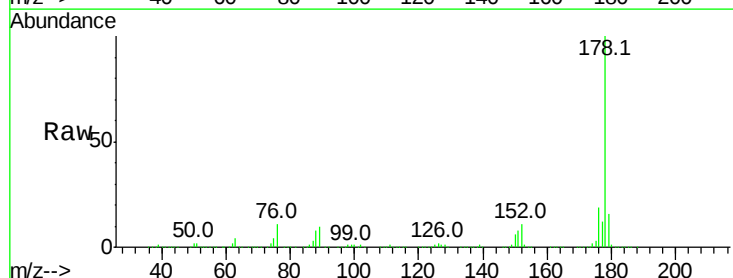


2/6/2018 2:25:37 PM

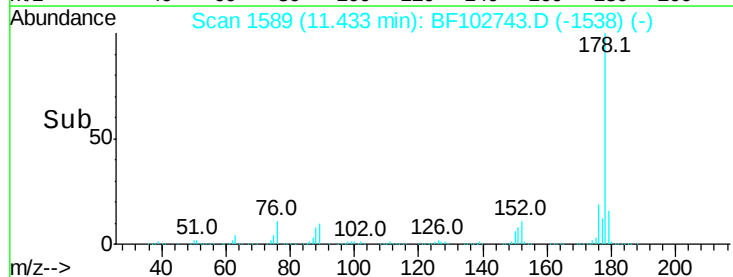
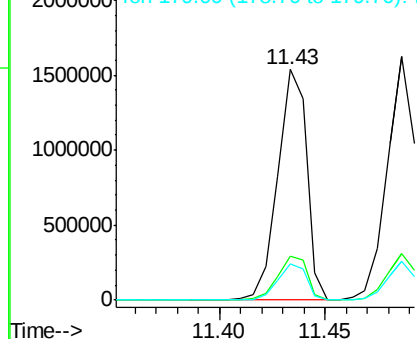


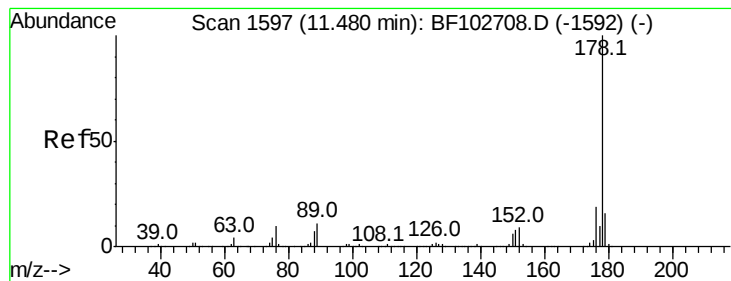
#70
 Phenanthrene
 Concen: 43.201 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102743.D
 Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.2	15.8	23.8	
179	15.6	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.172 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion:178 Resp: 1495660

Ion Ratio Lower Upper

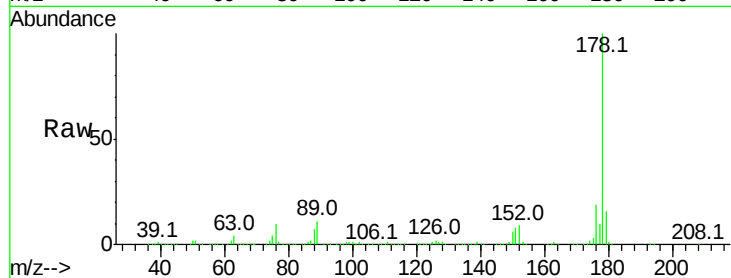
178 100

176 19.1 15.4 23.2

179 15.8 12.6 19.0

Manual Integrations
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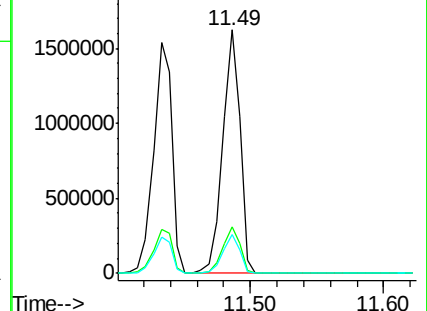
Sohil



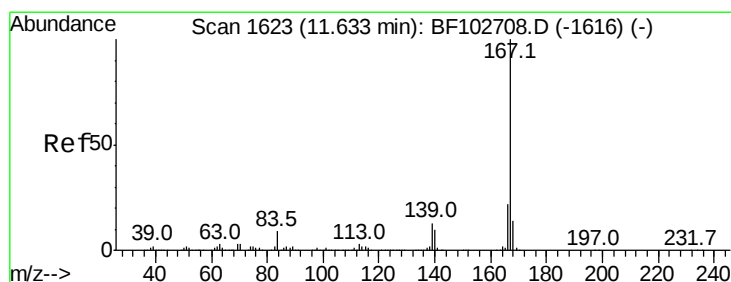
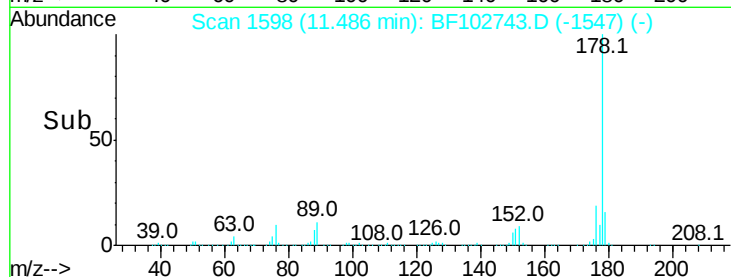
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#72

Carbazole

Concen: 14.691 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

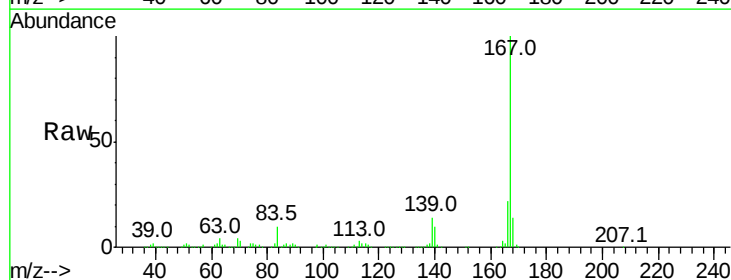
Tgt Ion:167 Resp: 498617

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

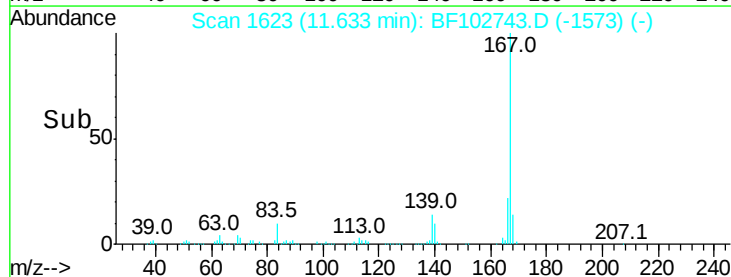
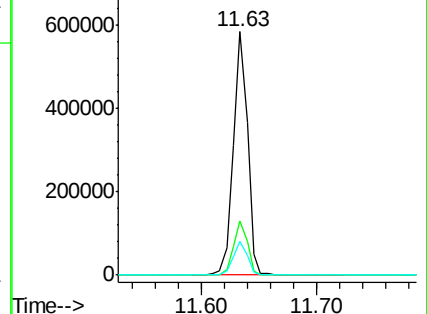
139 13.8 10.9 16.3

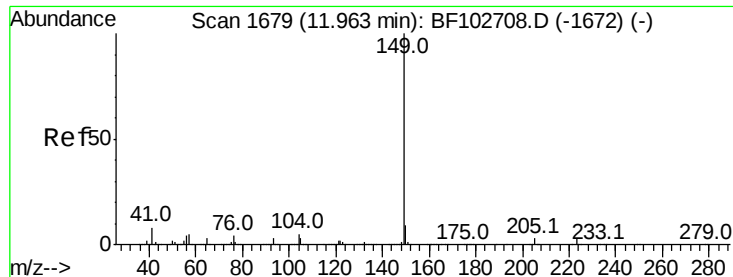


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.088 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

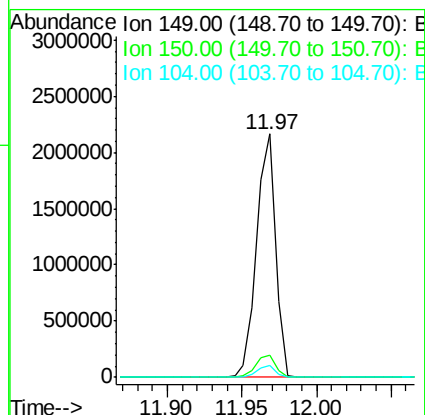
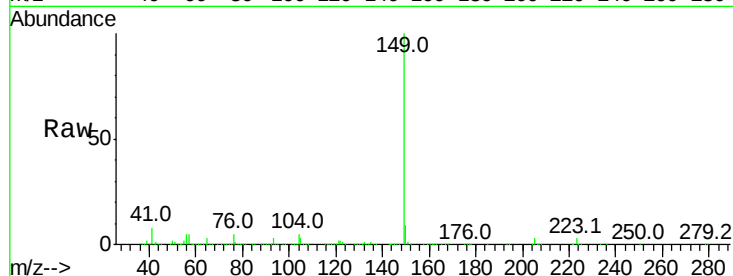
ClientSampleId :

OR-01-020218-AMSD

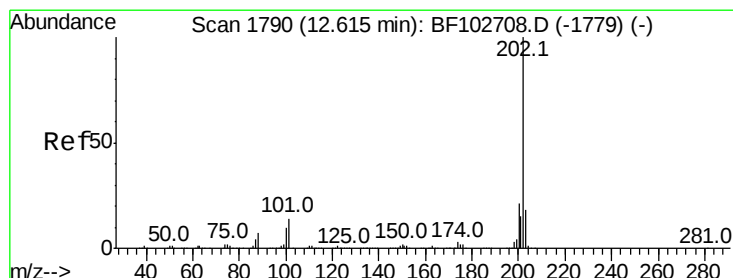
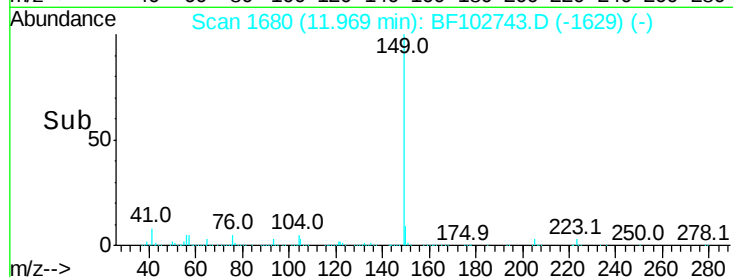
Tot Ion:	149	Resp:	1900163
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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Sohil



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#74

Fluoranthene

Concen: 37.662 ng

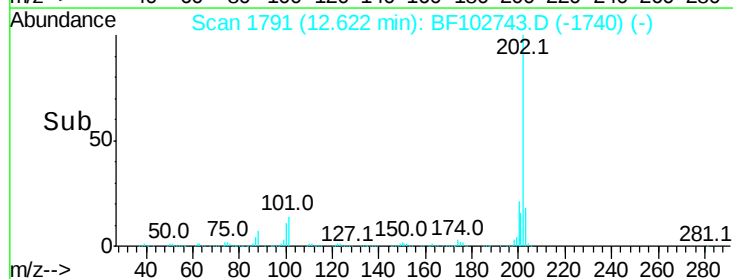
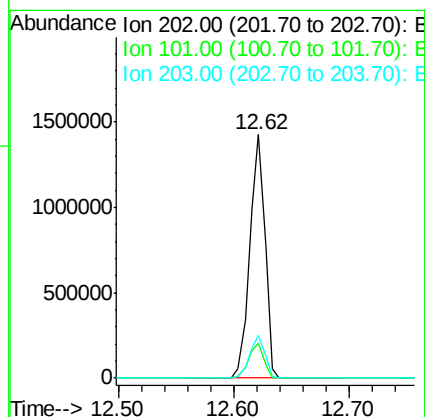
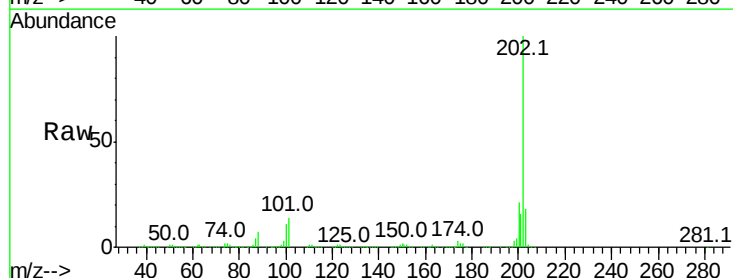
RT: 12.62 min Scan# 1791

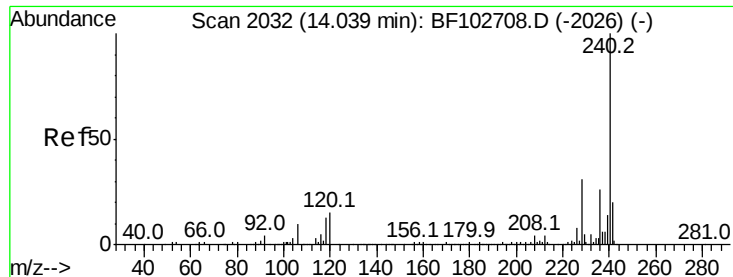
Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion:	202	Resp:	1290693
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

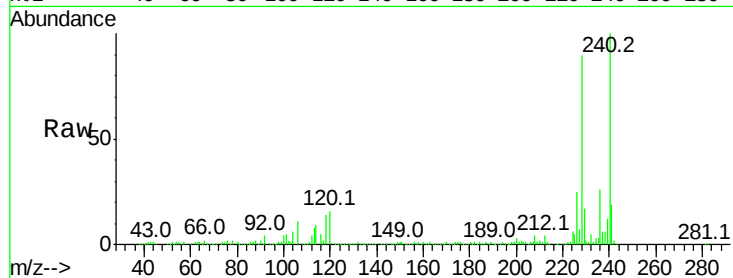
ClientSampleId :

OR-01-020218-AMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	25.7	20.7	31.1

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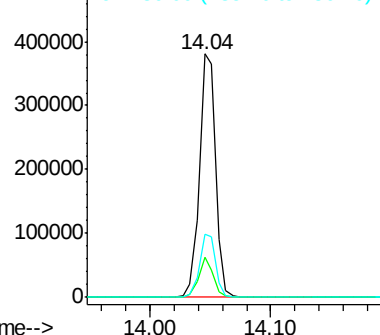


Abundance

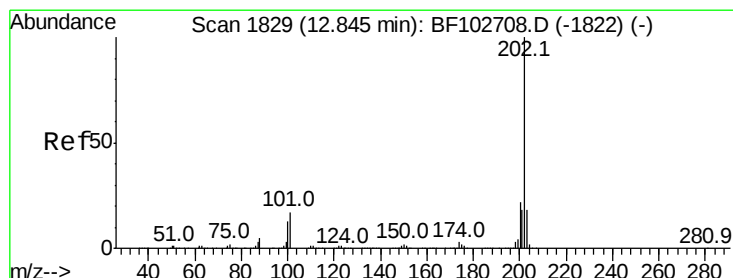
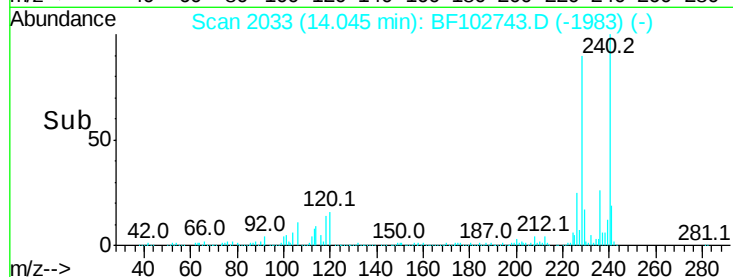
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#77

Pyrene

Concen: 44.415 ng

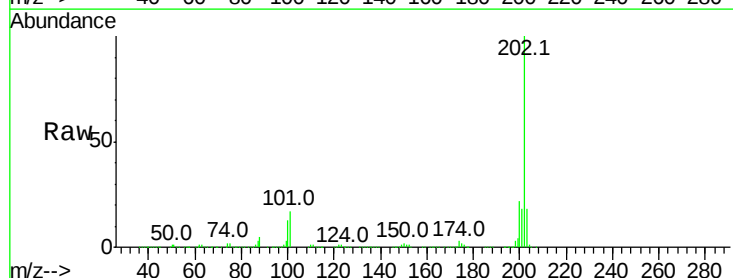
RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5

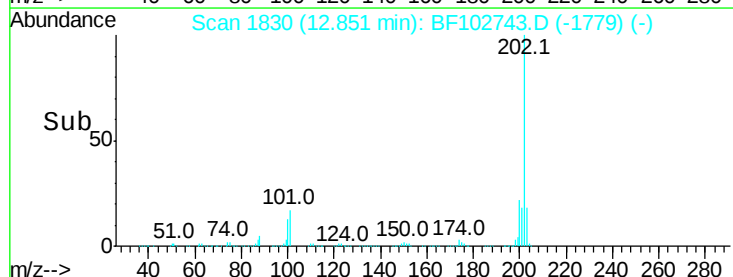
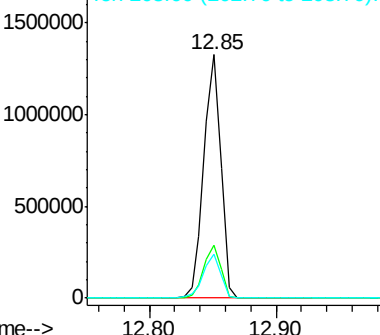


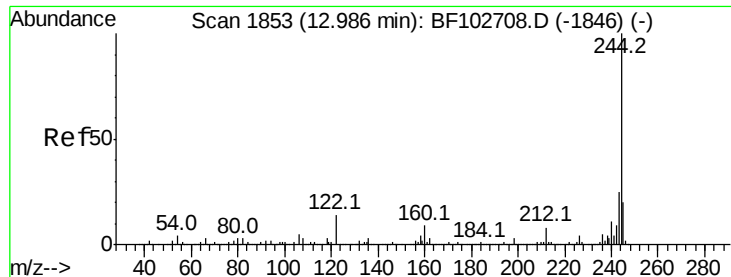
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 106.996 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion:244 Resp: 1596889

Ion Ratio Lower Upper

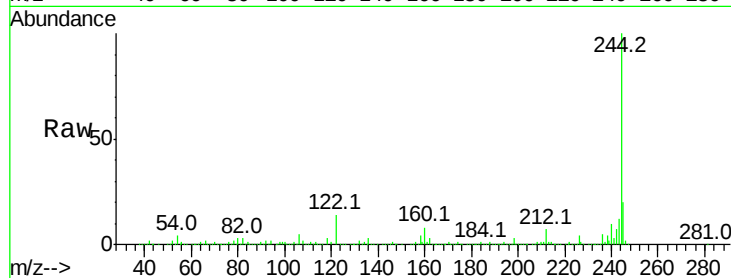
244 100

212 7.3 5.4 8.0

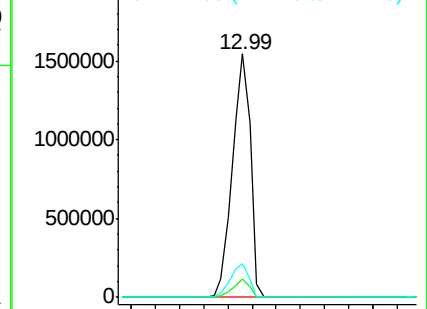
122 14.1 11.0 16.4

Manual Integrations
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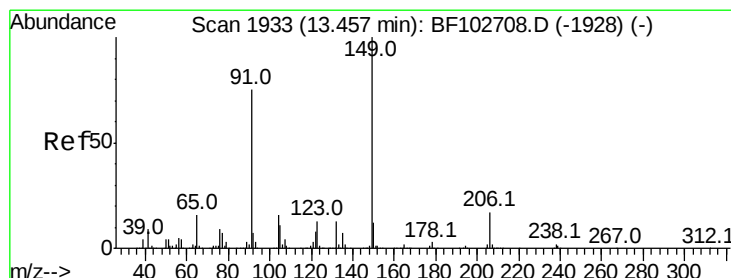
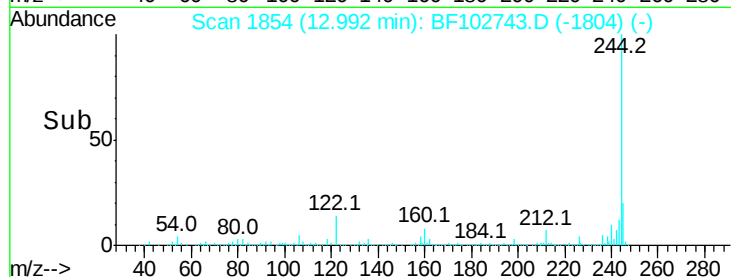
Sohil



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 51.854 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

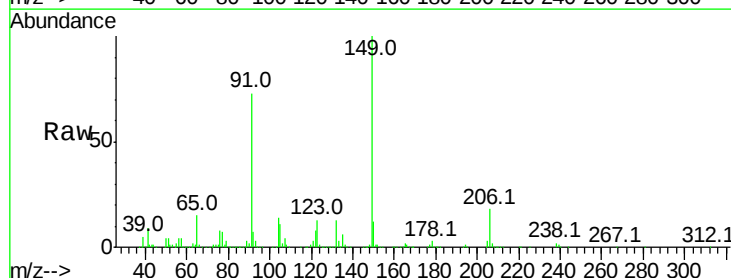
Tgt Ion:149 Resp: 688447

Ion Ratio Lower Upper

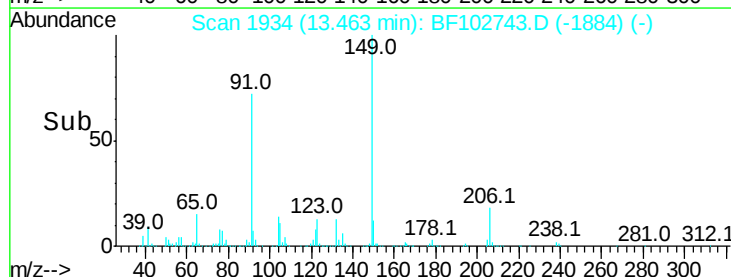
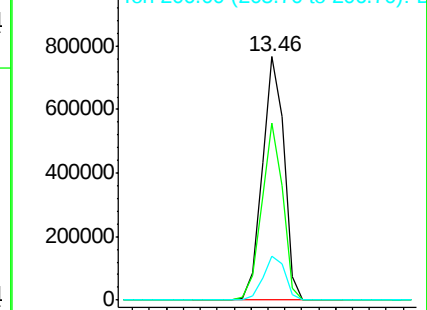
149 100

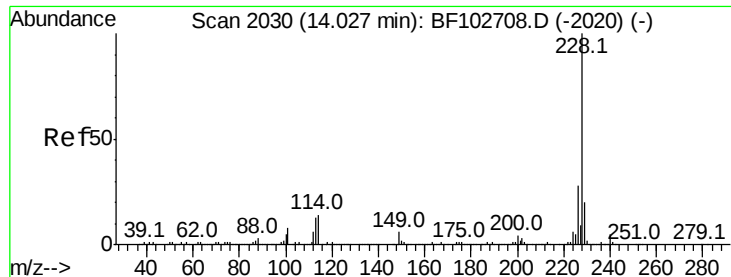
91 72.5 56.8 85.2

206 17.9 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





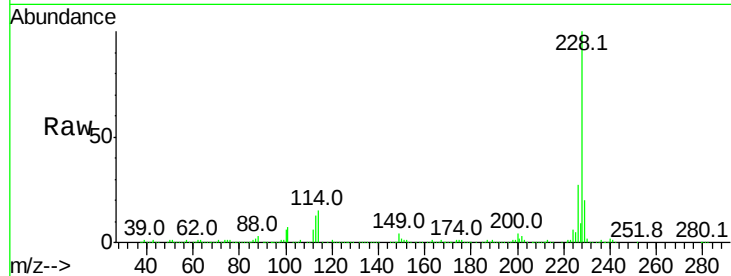
#80
Benzo(a)anthracene
Concen: 45.568 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.1	15.8	23.6

Manual Integrations
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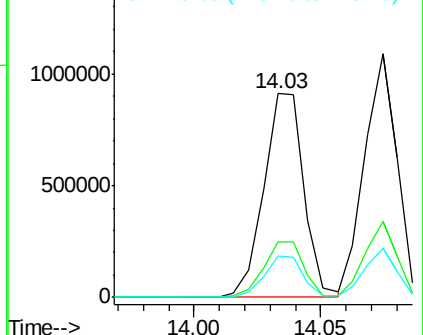


Abundance

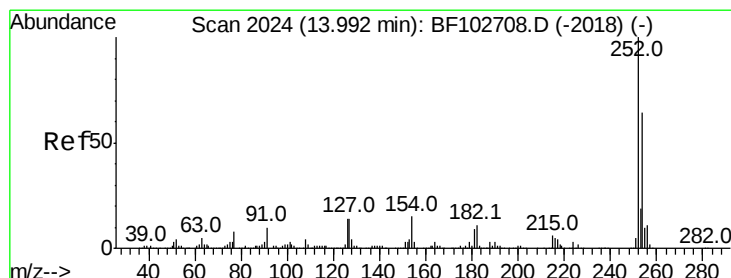
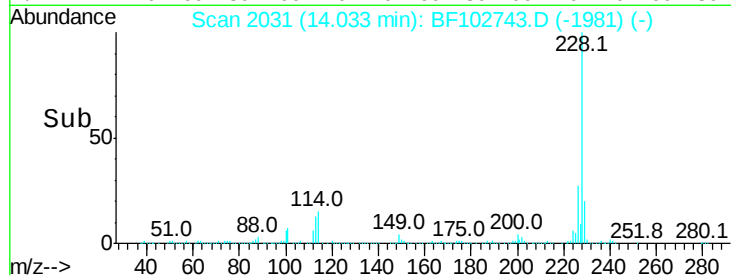
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

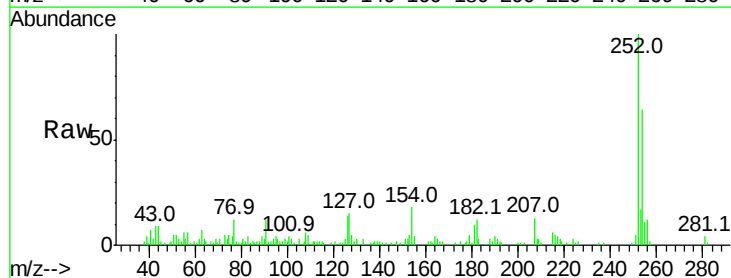


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#81
3,3'-Dichlorobenzidine
Concen: 3.461 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	13.6	11.3	16.9

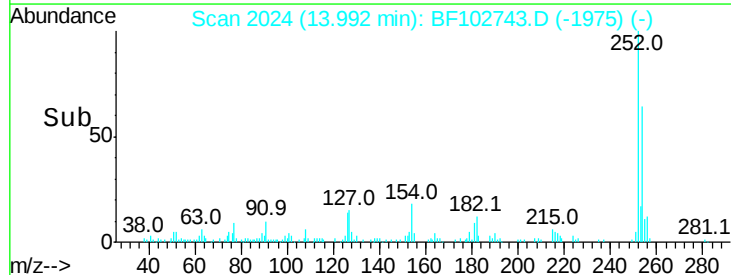
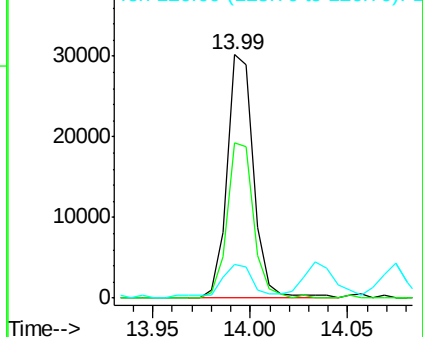


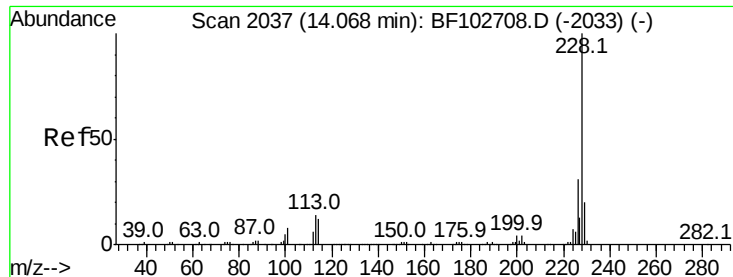
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.809 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

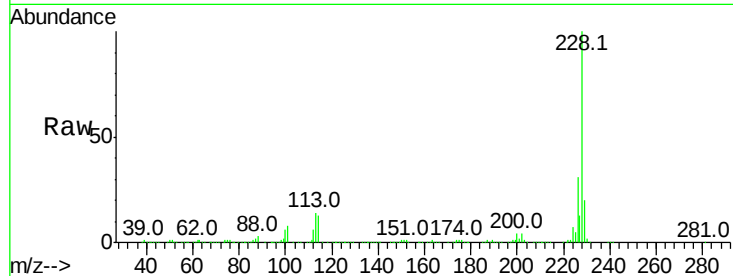
ClientSampleId :

OR-01-020218-AMSD

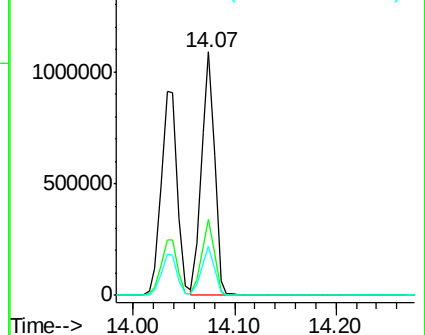
Tot Ion:	228	Resp:	981468
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4

Manual Integrations
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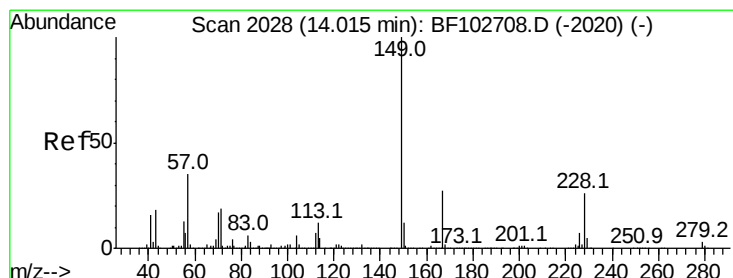
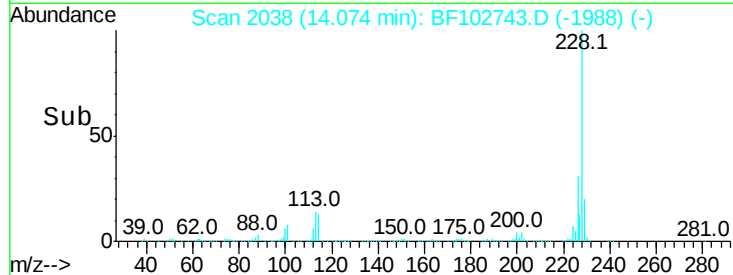
Sohil



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 54.228 ng

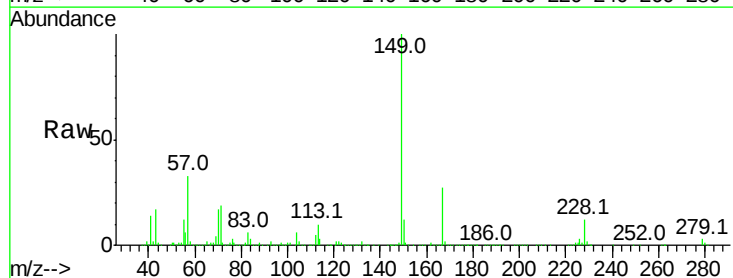
RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

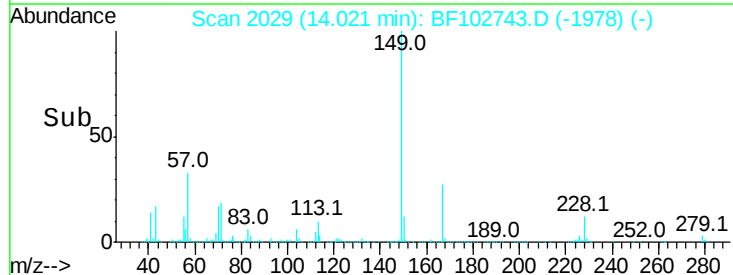
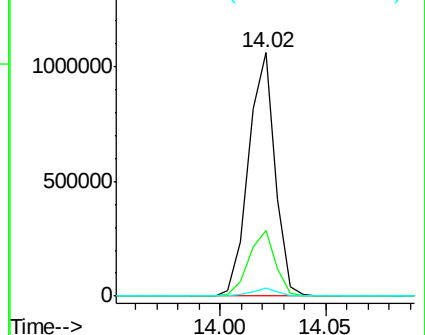
Lab File: BF102743.D

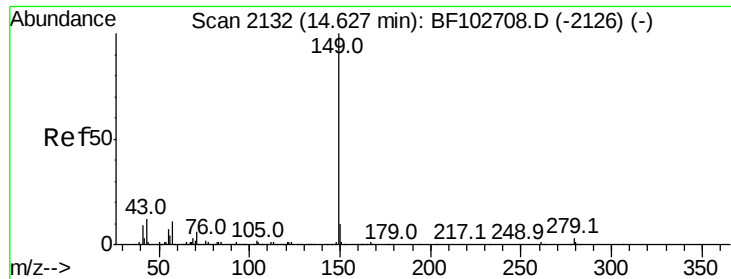
Acq: 5 Feb 2018 17:38

Tgt Ion:	149	Resp:	920547
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	3.3	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 59.777 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-AMSD

Tot Ion:149 Resp: 1523663

Ion Ratio Lower Upper

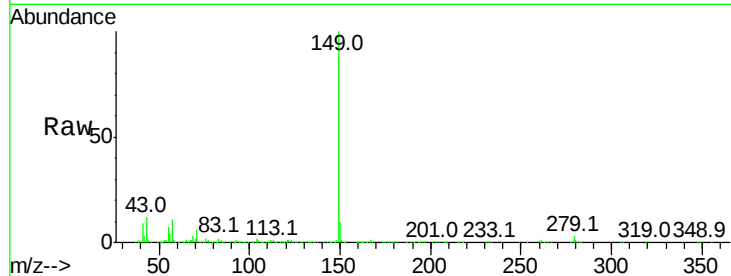
149 100

167 1.5 1.2 1.8

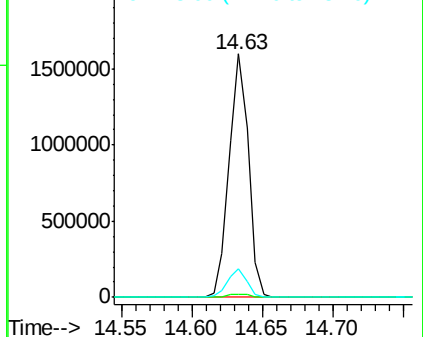
43 11.3 8.4 12.6

Manual Integrations
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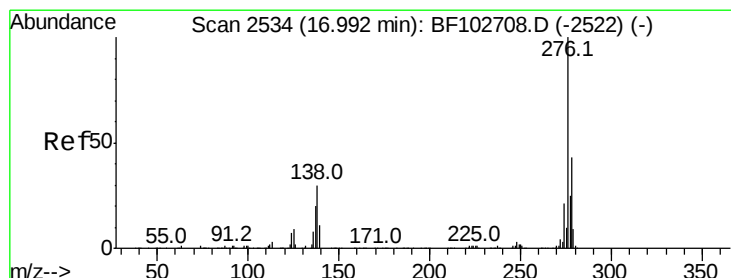
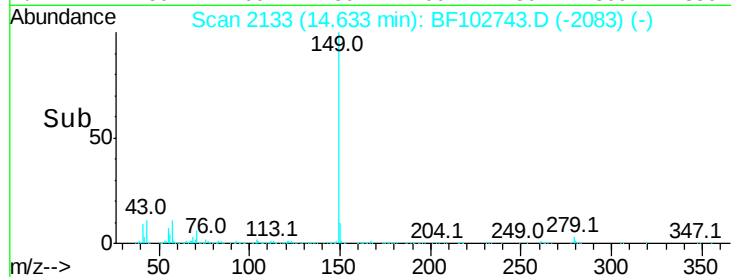
Sohil



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



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#85

Indeno(1,2,3-cd)pyrene

Concen: 46.582 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BF102743.D

Acq: 5 Feb 2018 17:38

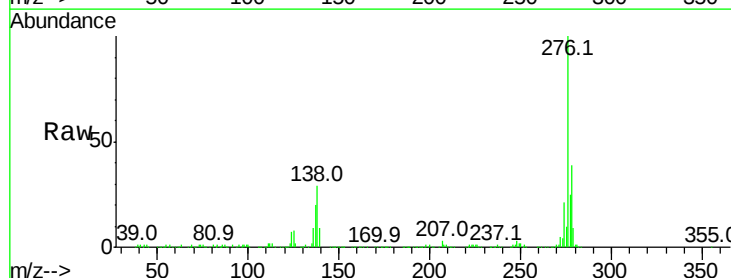
Tgt Ion:276 Resp: 865547

Ion Ratio Lower Upper

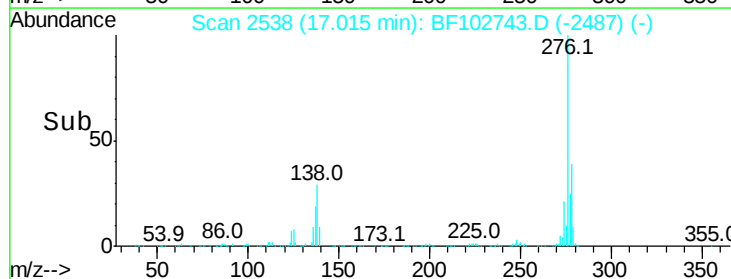
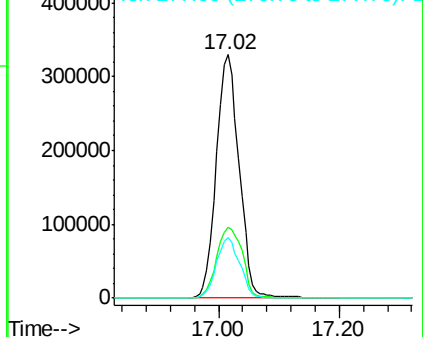
276 100

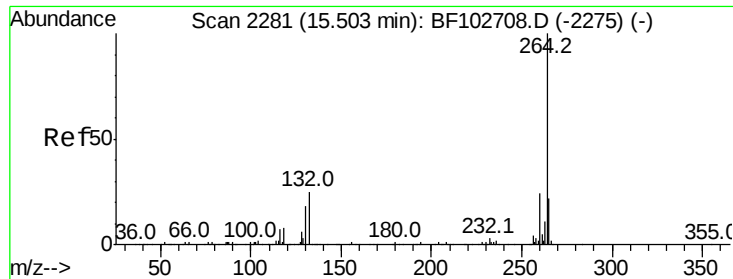
138 32.9 25.0 37.6

277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





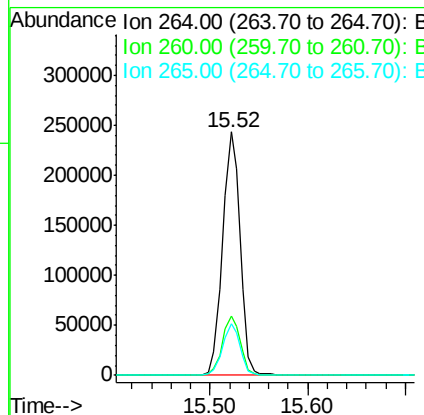
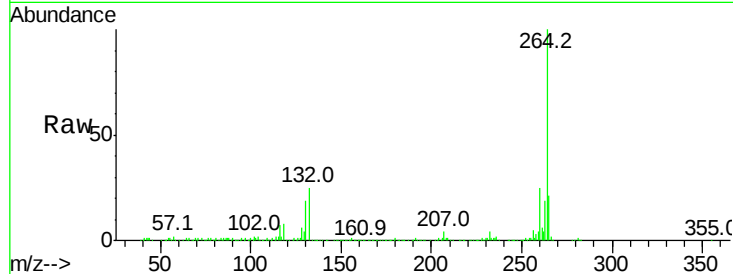
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

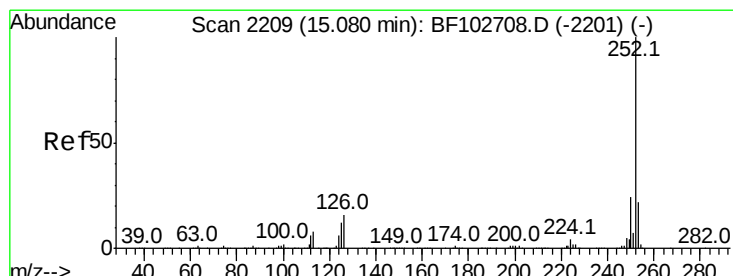
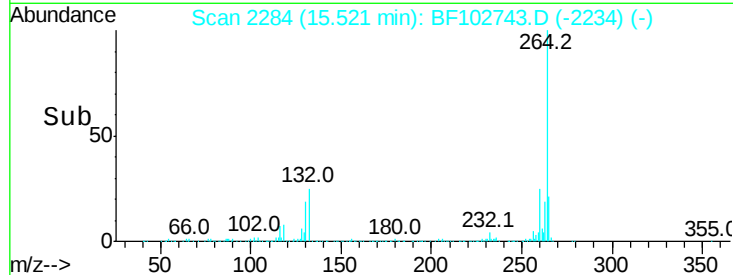
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.5	26.3

Manual Integrations
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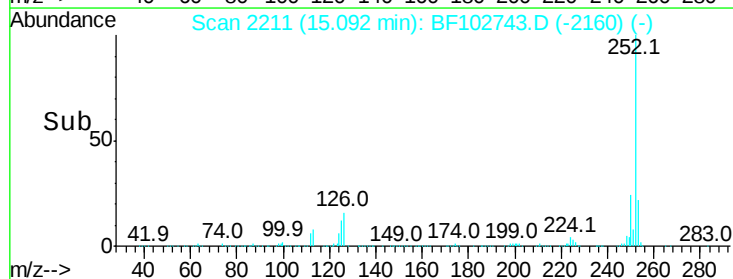
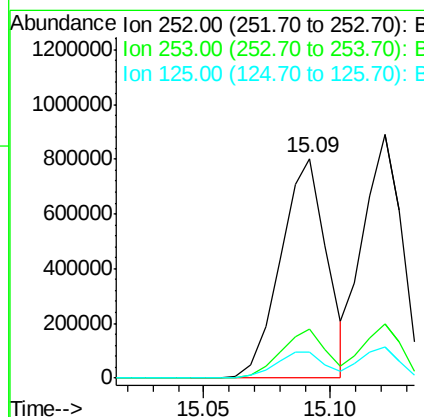
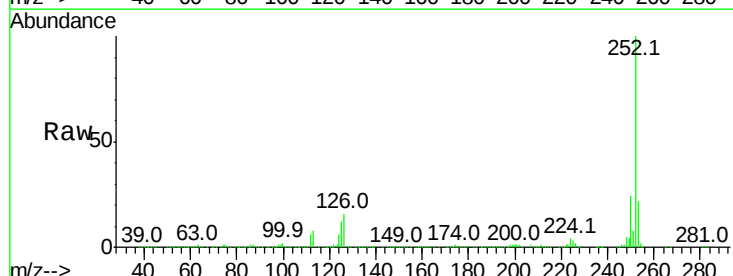


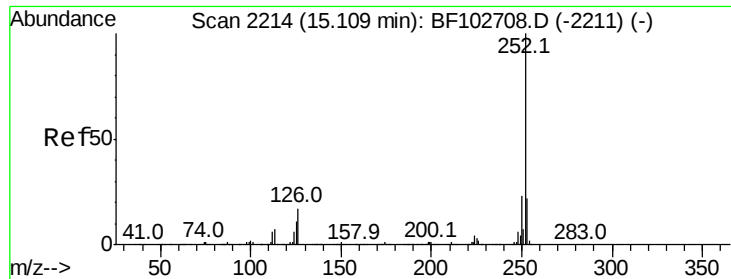
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#87
Benzo(b)fluoranthene
Concen: 51.529 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	12.1	9.0	13.6





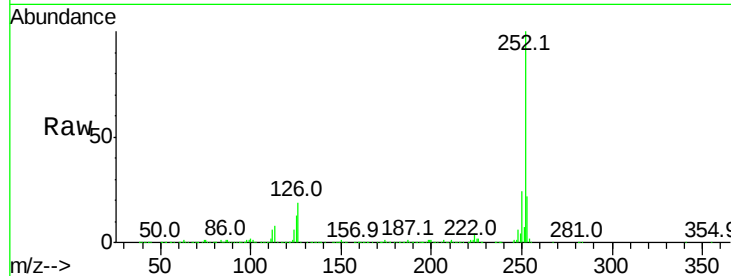
#88
Benzo(k)fluoranthene
Concen: 50.628 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.6	10.2	15.2

Manual Integrations
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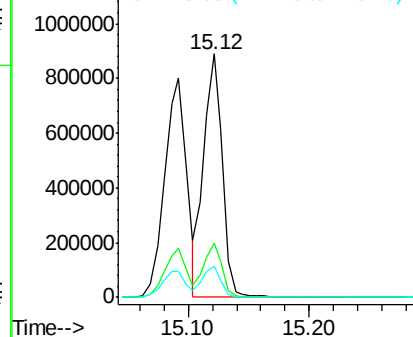


Abundance

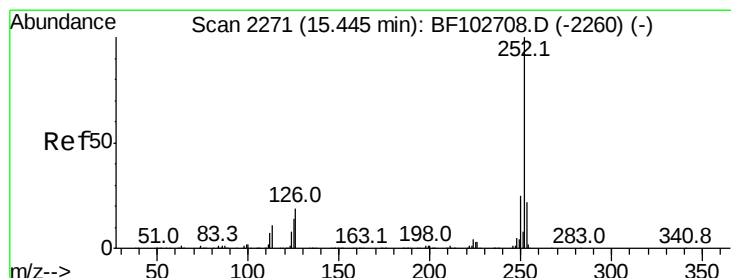
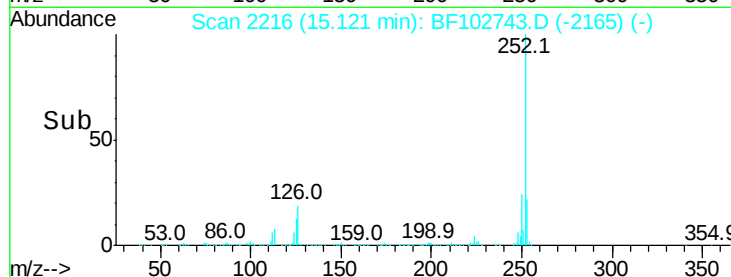
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



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#89
Benzo(a)pyrene
Concen: 50.774 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

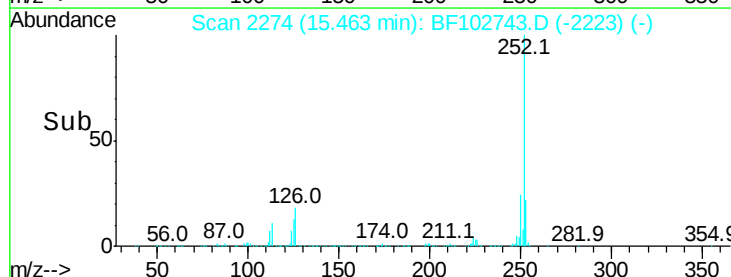
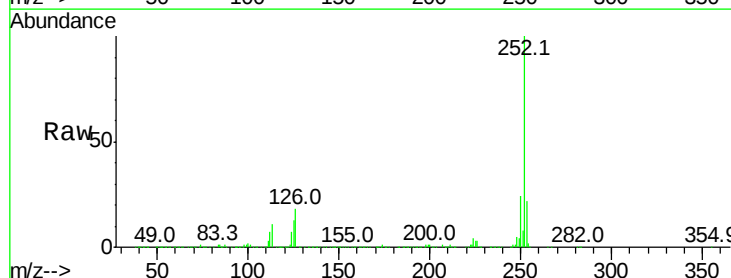
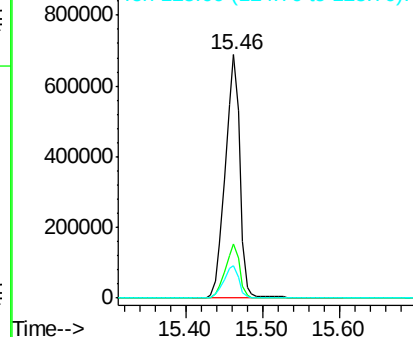
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.4	9.8	14.6

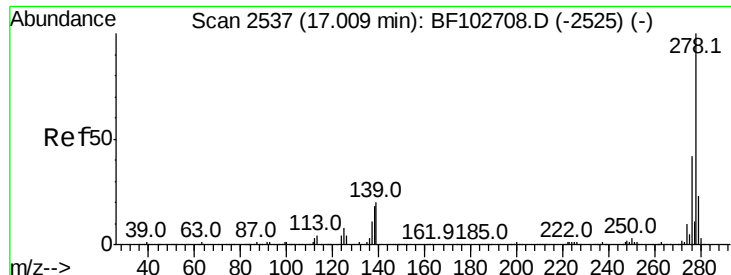
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





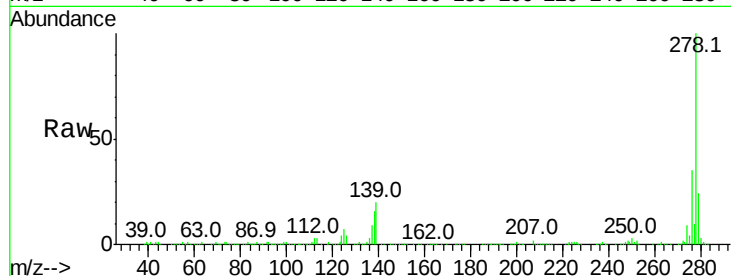
#90
Dibenzo(a,h)anthracene
Concen: 52.300 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-AMSD

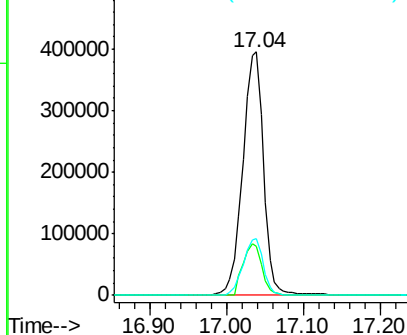
Tot Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	23.5	19.0	28.4

Manual Integrations
APPROVED

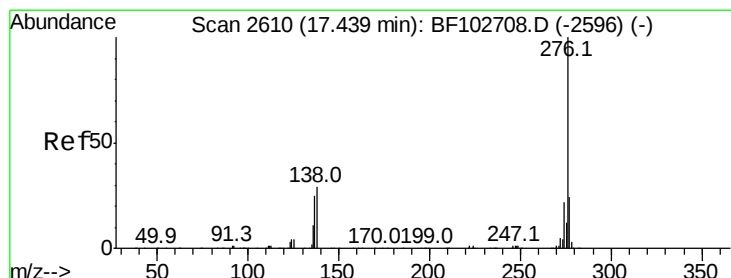
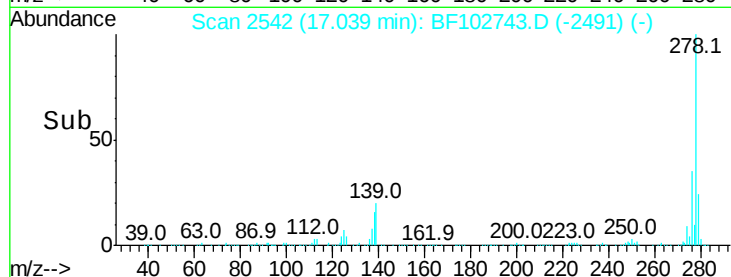
Sohil



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

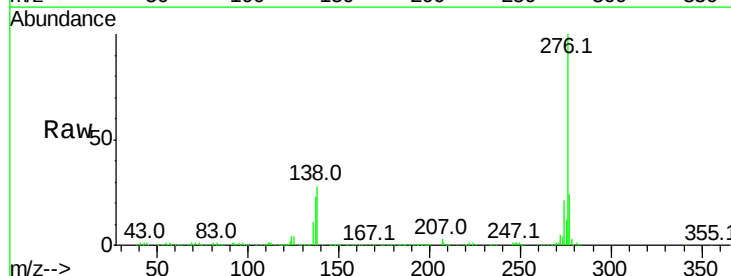


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#91
Benzo(g,h,i)perylene
Concen: 48.972 ng
RT: 17.47 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF102743.D
Acq: 5 Feb 2018 17:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	28.3	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

