

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102765.D
 Acq On : 6 Feb 2018 4:24
 Operator : SJ/JU
 Sample : J1454-02MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:26:20 PM

Quant Time: Feb 06 06:49:42 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	211426	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	876721	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	383625	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	566086	20.00	ng	0.00
75) Chrysene-d12	14.05	240	331011	20.00	ng	0.00
86) Perylene-d12	15.53	264	325847	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1349331	96.92	ng	0.01
7) Phenol-d6	6.51	99	1640023	97.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	1028999	81.42	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	304396	98.58	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1550239	67.05	ng	0.00
78) Terphenyl-d14	12.99	244	1040745	74.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	208790	30.364	ng	# 86
3) Pyridine	3.49	79	610680	32.144	ng	87
4) n-Nitrosodimethylamine	3.44	42	312358	38.428	ng	96
6) Aniline	6.55	93	505446	20.418	ng	98
8) 2-Chlorophenol	6.67	128	538158	37.548	ng	96
9) Benzaldehyde	6.43	77	186101	14.950	ng	94
10) Phenol	6.52	94	746054	41.530	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	536255	35.874	ng	90
12) 1,3-Dichlorobenzene	6.82	146	562766	33.907	ng	99
13) 1,4-Dichlorobenzene	6.90	146	564052	34.116	ng	99
14) 1,2-Dichlorobenzene	7.05	146	530266	34.434	ng	100
15) Benzyl Alcohol	7.02	79	476476	36.971	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	986456	34.739	ng	97
17) 2-Methylphenol	7.13	107	471039	35.629	ng	99
18) Hexachloroethane	7.39	117	188928	33.324	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	370339	33.508	ng	95
20) 3+4-Methylphenols	7.28	107	556156	34.113	ng	91
22) Acetophenone	7.29	105	739993	34.492	ng	# 96
24) Nitrobenzene	7.47	77	576433	38.765	ng	96
25) Isophorone	7.70	82	1066692	36.654	ng	100
26) 2-Nitrophenol	7.78	139	277282	45.870	ng	98
27) 2,4-Dimethylphenol	7.82	122	496017	40.344	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	677621	39.307	ng	99
29) 2,4-Dichlorophenol	8.02	162	436231	39.030	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	435439	34.438	ng	99
31) Naphthalene	8.19	128	1565818	36.555	ng	98
32) Benzoic acid	7.88	122	57490	14.784	ng	89
33) 4-Chloroaniline	8.23	127	202766	10.988	ng	99
34) Hexachlorobutadiene	8.30	225	216726	33.450	ng	98
35) Caprolactam	8.60	113	152658m	39.329	ng	
36) 4-Chloro-3-methylphenol	8.72	107	476854	37.972	ng	95
37) 2-Methylnaphthalene	8.88	142	1028422	36.671	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	383285	36.694	ng	99
40) Hexachlorocyclopentadiene	9.03	237	110272	22.207	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	278854	40.644	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	295273	38.184	nq	94
45) 1,1'-Biphenyl	9.35	154	1112501	34.430	nq	99
46) 2-Chloronaphthalene	9.37	162	883894	34.747	nq	98
47) 2-Nitroaniline	9.46	65	324716	41.847	nq	90
48) Acenaphthylene	9.79	152	1293048	32.727	nq	99
49) Dimethylphthalate	9.65	163	1250432	41.804	nq	99
50) 2,6-Dinitrotoluene	9.70	165	224789	39.500	nq	95
51) Acenaphthene	9.96	154	804095	34.032	nq	98
52) 3-Nitroaniline	9.87	138	211120	30.150	nq	91
53) 2,4-Dinitrophenol	9.97	184	12946	19.167	nq #	21
54) Dibenzofuran	10.13	168	1179720	35.429	nq	98
55) 4-Nitrophenol	10.03	139	363700	64.049	nq	92
56) 2,4-Dinitrotoluene	10.10	165	287982	38.390	nq	95
57) Fluorene	10.47	166	850407	35.102	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	205997	38.436	nq	98
59) Diethylphthalate	10.34	149	995736	33.713	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	380040	35.461	nq	98
61) 4-Nitroaniline	10.49	138	221557	33.241	nq	91
62) Azobenzene	10.62	77	953373	32.311	nq	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	20976	16.825	nq	93
65) n-Nitrosodiphenylamine	10.58	169	794440	39.787	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	236242	39.452	nq	96
67) Hexachlorobenzene	11.02	284	233868	35.402	nq	98
68) Atrazine	11.10	200	235354	39.954	nq	98
69) Pentachlorophenol	11.21	266	214182	55.232	nq	99
70) Phenanthrene	11.43	178	1427333	45.273	nq	100
71) Anthracene	11.49	178	1194423	37.249	nq	100
72) Carbazole	11.64	167	1072738	34.147	nq	100
73) Di-n-butylphthalate	11.97	149	1478799	38.752	nq	99
74) Fluoranthene	12.62	202	1359004	42.844	nq	99
76) Benzidine	12.74	184	351431	23.100	nq	97
77) Pyrene	12.85	202	1287696	49.610	nq	100
79) Butylbenzylphthalate	13.46	149	507860	41.056	nq	100
80) Benzo(a)anthracene	14.04	228	959124	46.073	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	241796	31.326	nq	99
82) Chrysene	14.07	228	898526	42.817	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	695224	43.723	nq	99
84) Di-n-octyl phthalate	14.63	149	1128599	47.271	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	691407	39.726	nq	100
87) Benzo(b)fluoranthene	15.09	252	997166m	47.201	nq	
88) Benzo(k)fluoranthene	15.12	252	751879	37.248	nq	99
89) Benzo(a)pyrene	15.47	252	813889	42.801	nq	97
90) Dibenzo(a,h)anthracene	17.04	278	525367	34.038	nq	98
91) Benzo(g,h,i)perylene	17.47	276	556231	36.819	nq	98

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

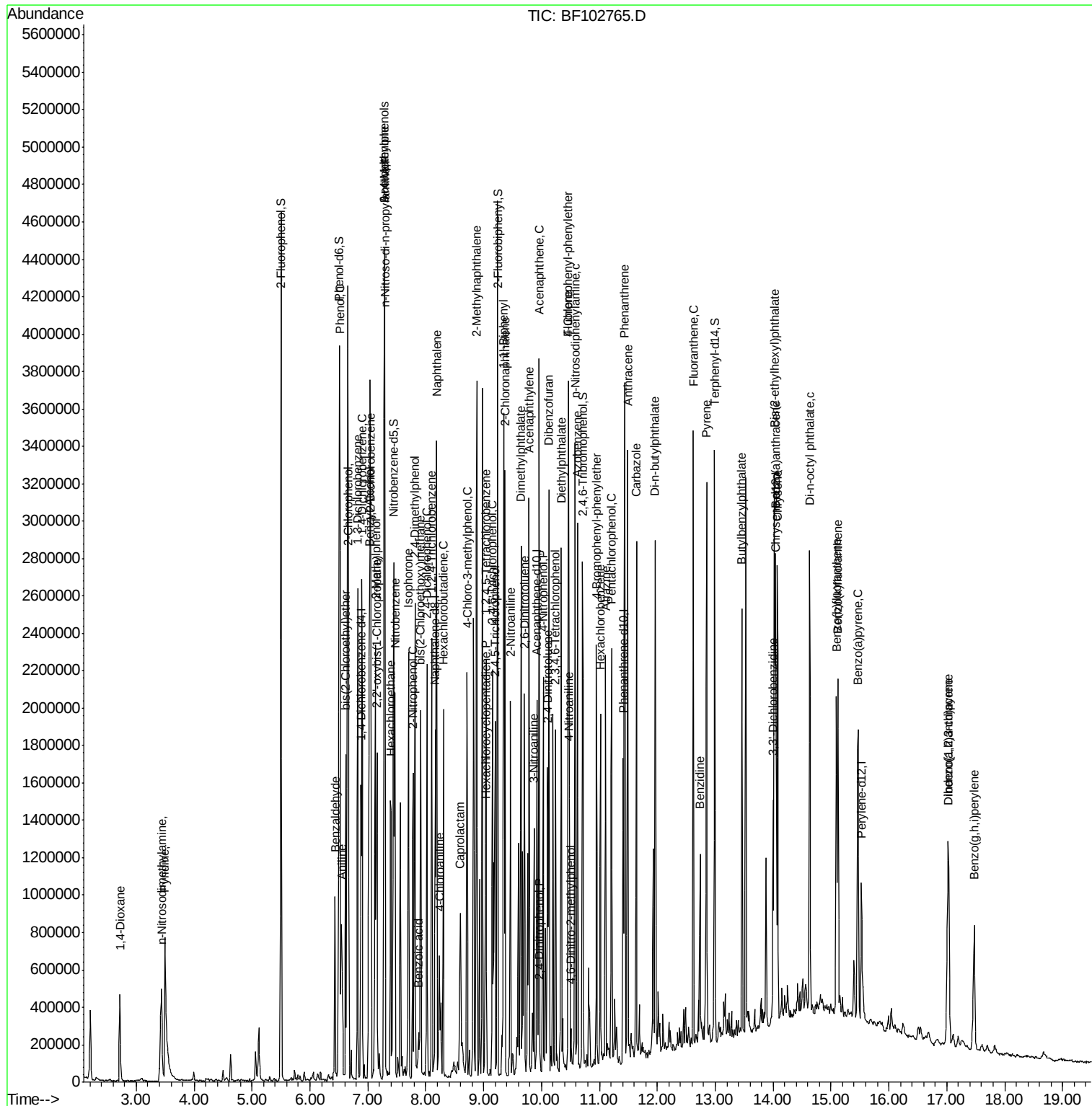
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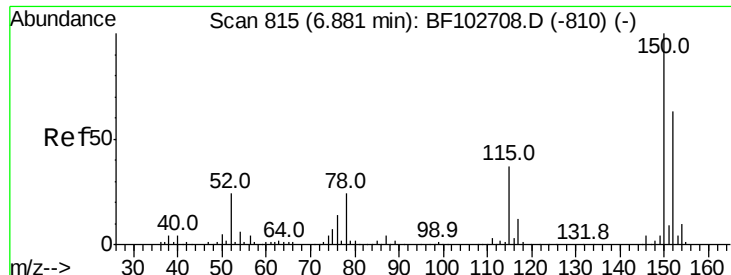
Instrument :
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#1

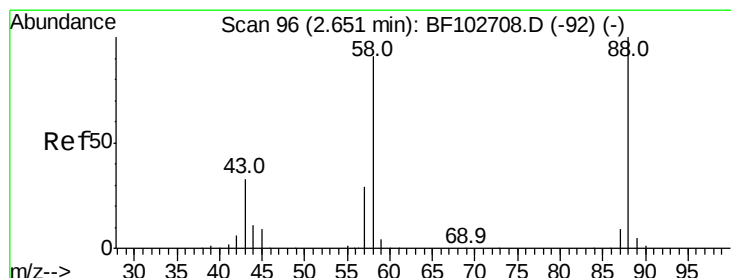
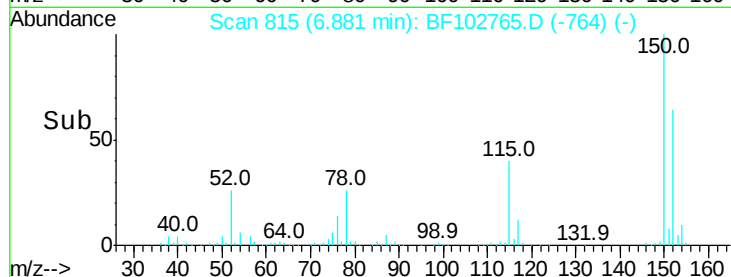
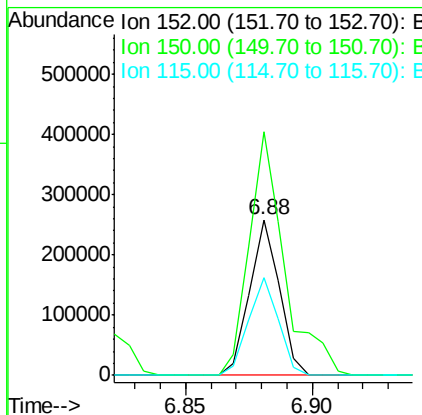
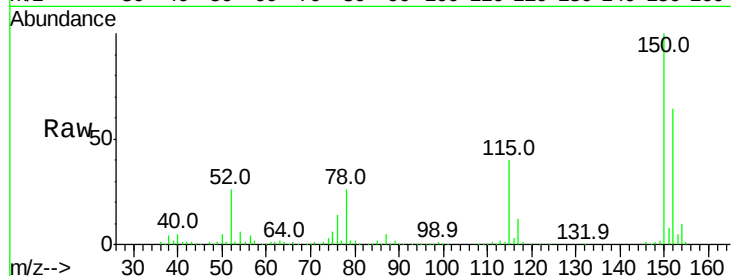
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	63.2	50.1	75.1

Manual Integrations
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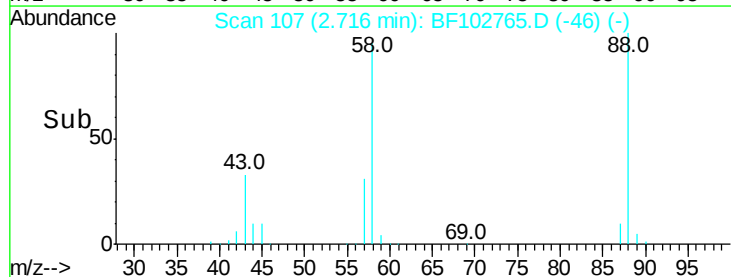
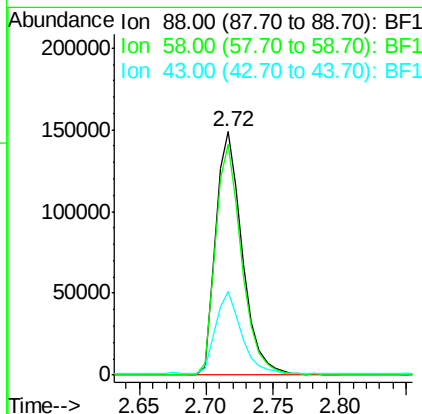
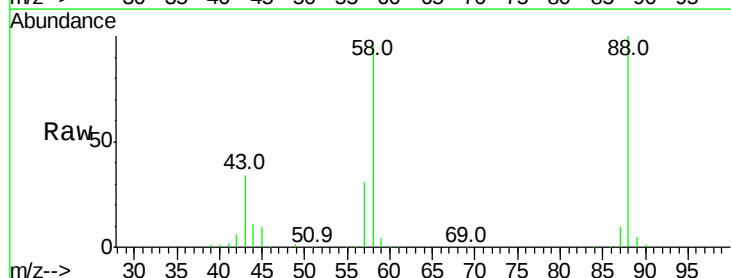
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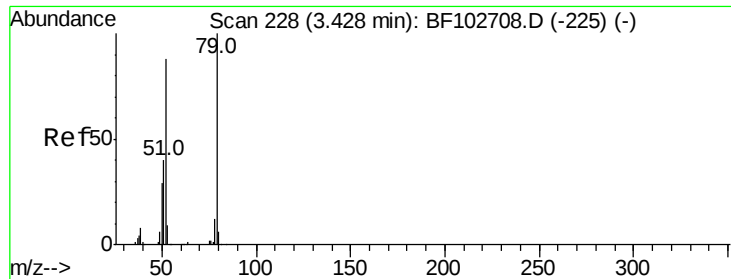


#2

1,4-Dioxane
Concen: 30.364 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	62.6	93.8#
43	32.3	24.6	37.0





#3

Pvridine

Concen: 32.144 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

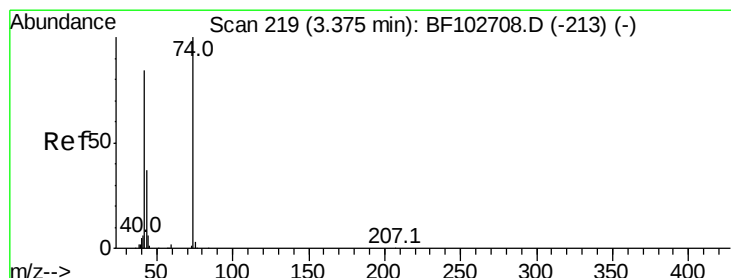
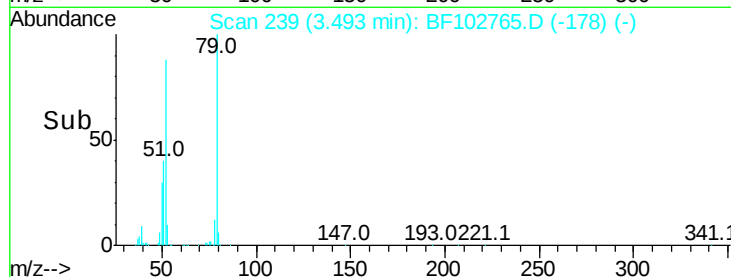
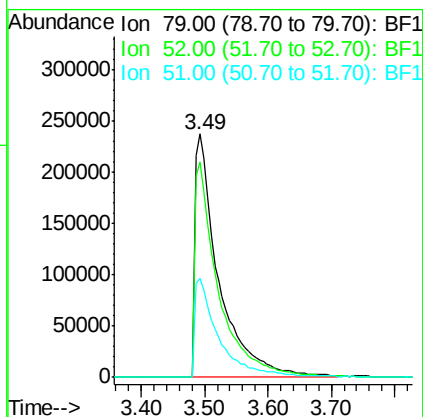
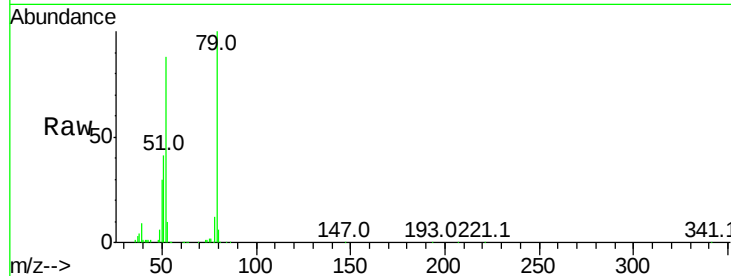
ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:	79	Resp:	610680
Ion Ratio	Lower	Upper	
79	100		
52	88.3	59.8	89.6
51	40.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.428 ng

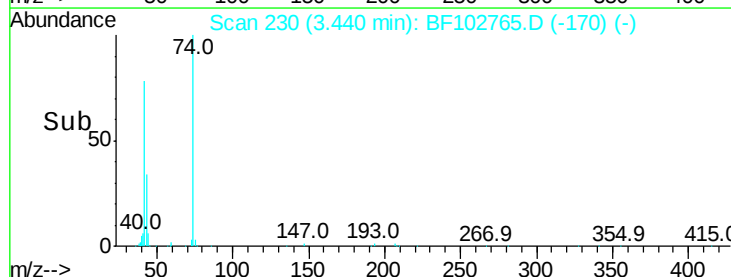
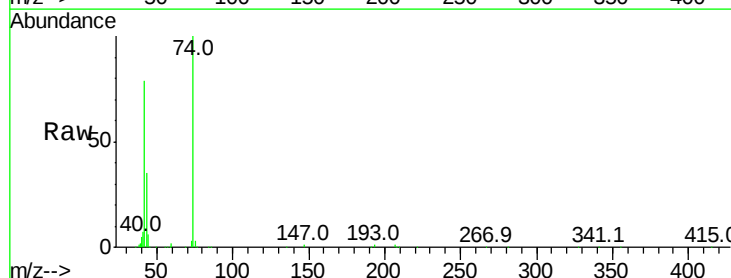
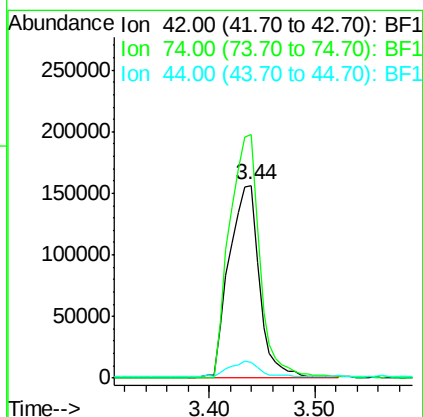
RT: 3.44 min Scan# 230

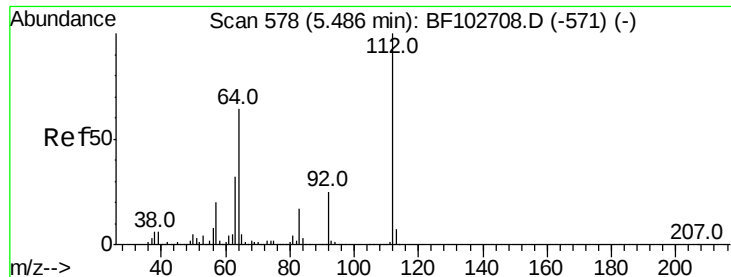
Delta R.T. 0.05 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:	42	Resp:	312358
Ion Ratio	Lower	Upper	
42	100		
74	126.5	104.9	157.3
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 96.922 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:112 Resp: 1349331

Ion Ratio Lower Upper

112 100

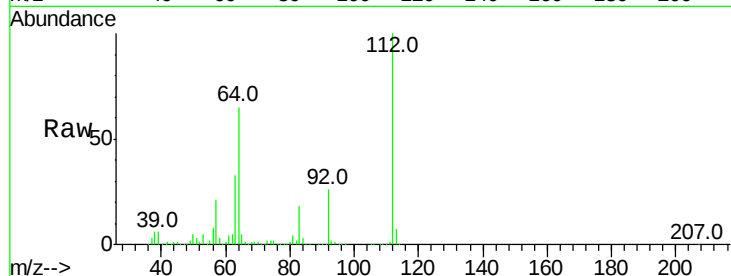
64 64.7 47.9 71.9

63 33.3 23.7 35.5

Manual Integrations
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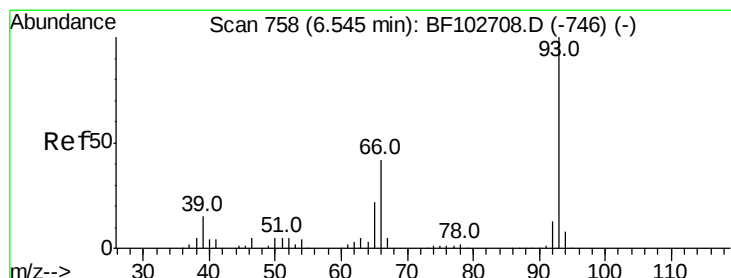
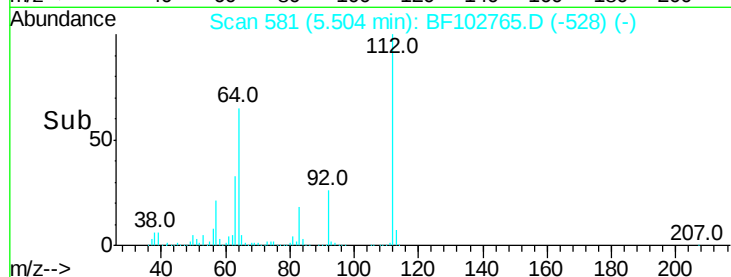
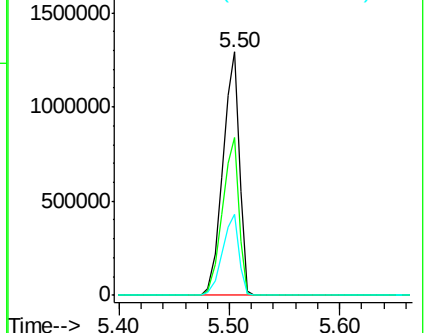
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.418 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

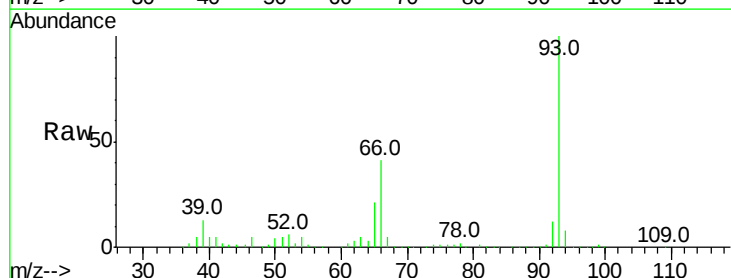
Tgt Ion: 93 Resp: 505446

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

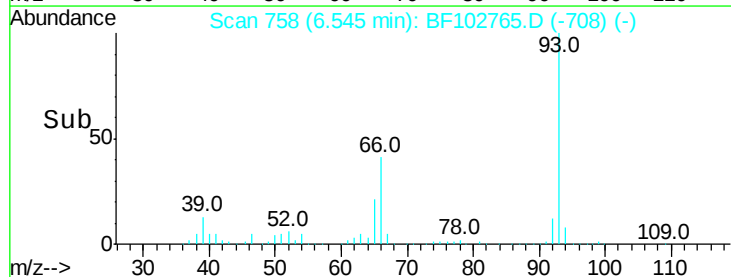
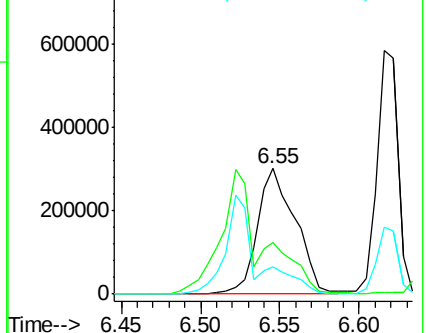
65 21.4 16.4 24.6

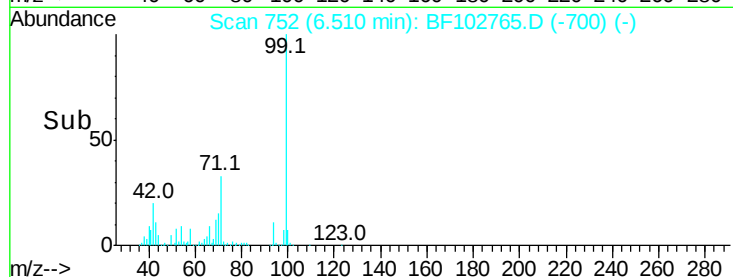
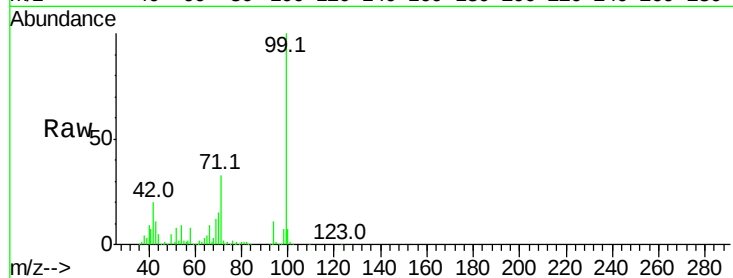
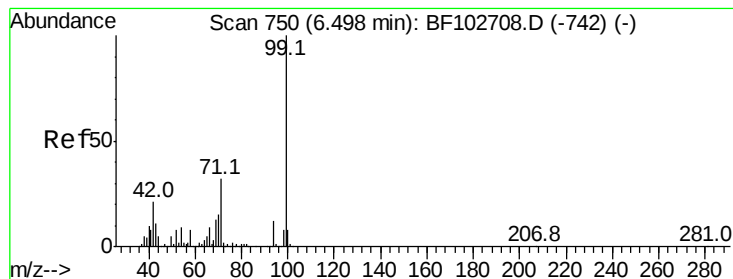


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.837 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tot Ion: 99 Resp: 1640023

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 33.1 25.4 38.0

Instrument :

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ClientSampleId :

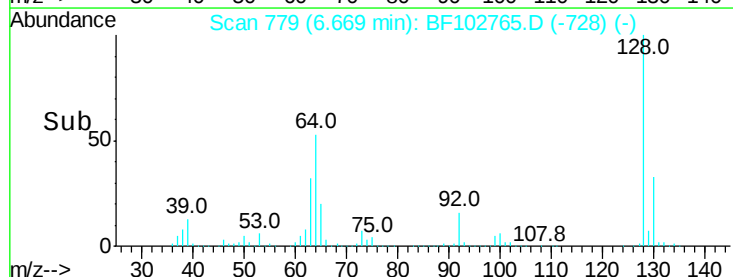
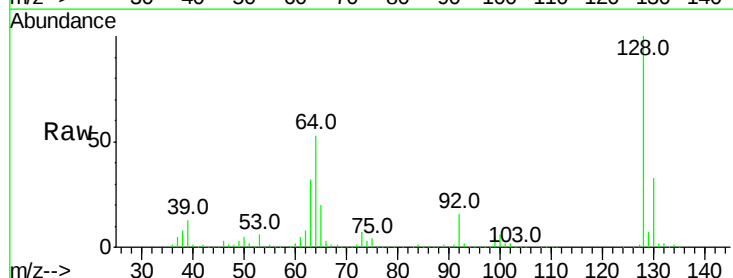
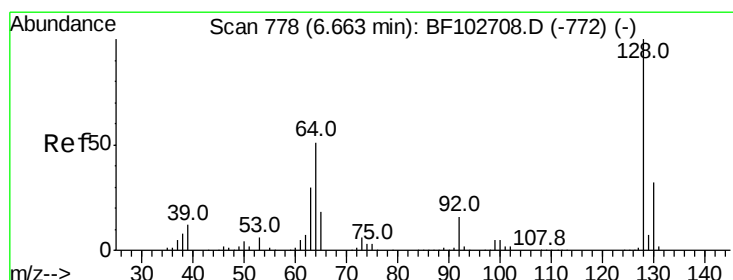
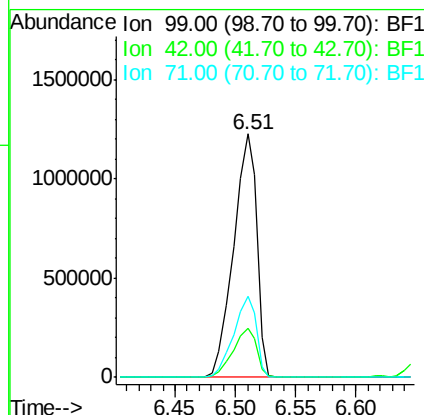
8-SAN-5-EW(0-4)MS

Manual Integrations

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#8

2-Chlorophenol

Concen: 37.548 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

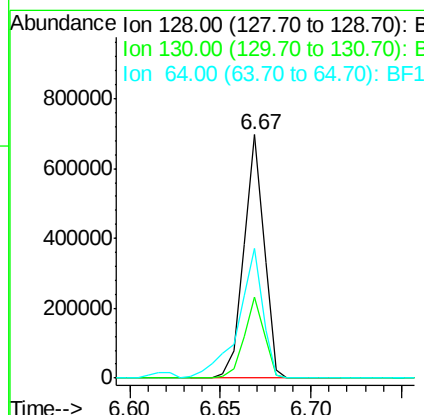
Tgt Ion:128 Resp: 538158

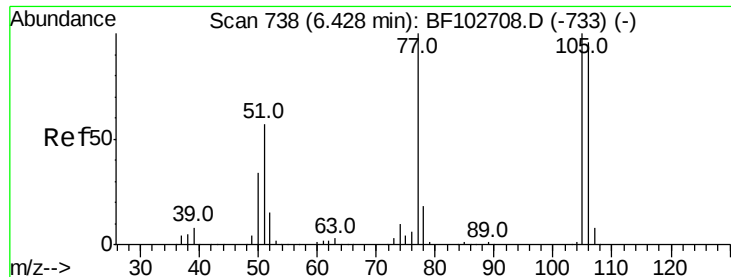
Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

64 53.2 29.4 69.4





#9

Benzaldehyde

Concen: 14.950 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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Instrument :

BNA_F

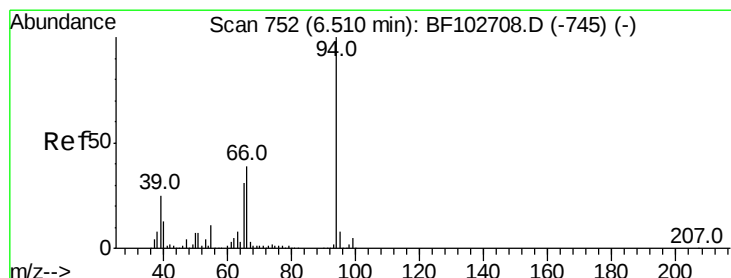
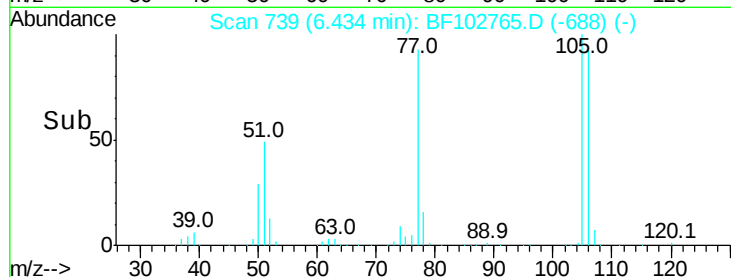
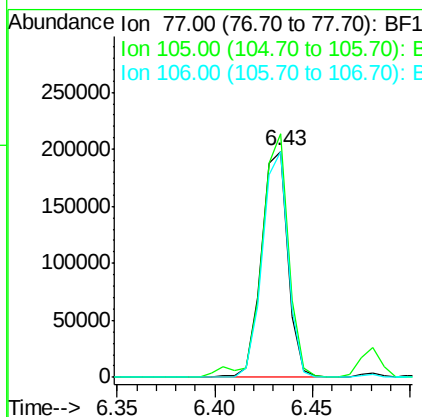
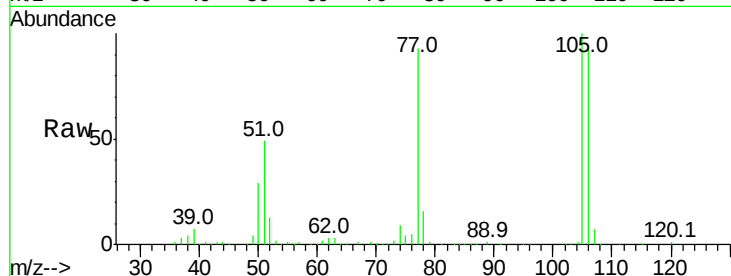
ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:	77	Resp:	186101
Ion Ratio	Lower	Upper	
77	100		
105	107.7	81.1	121.1
106	99.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 41.530 ng

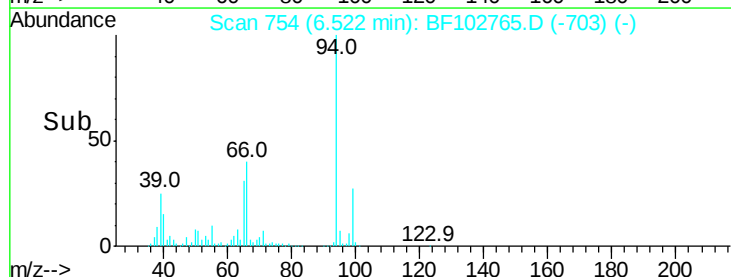
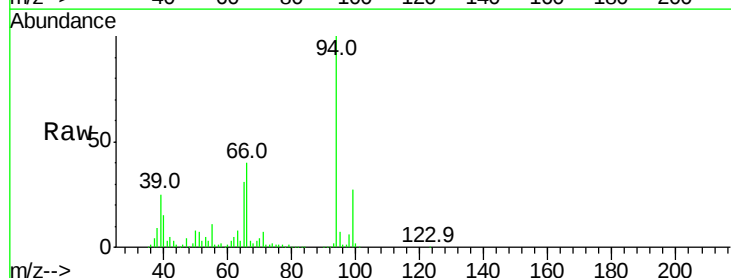
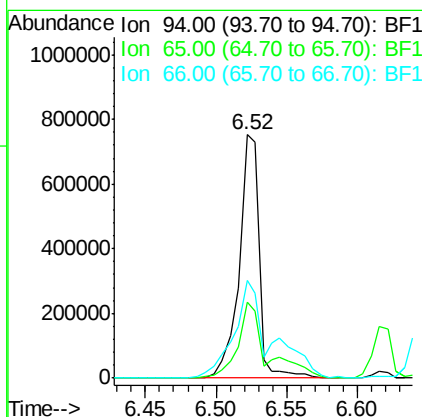
RT: 6.52 min Scan# 754

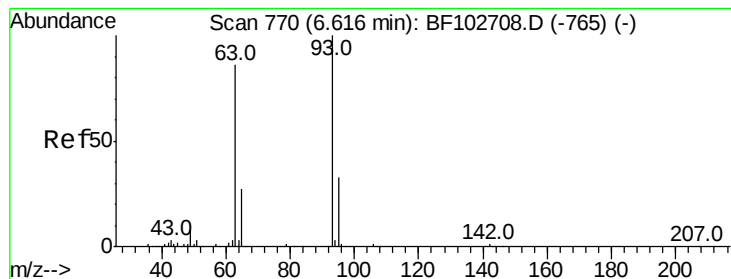
Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:	94	Resp:	746054
Ion Ratio	Lower	Upper	
94	100		
65	31.4	7.9	47.9
66	39.9	16.2	56.2





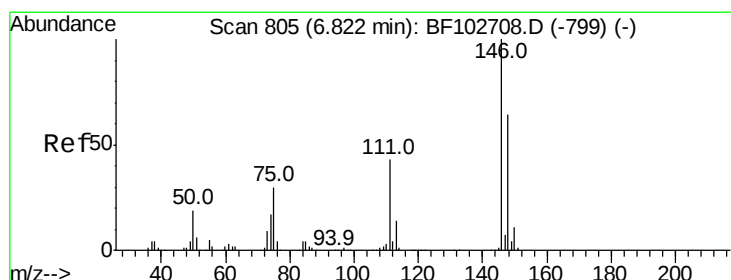
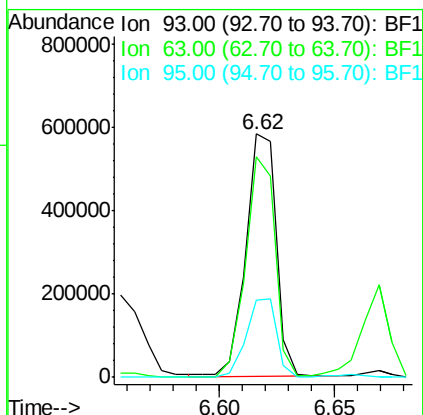
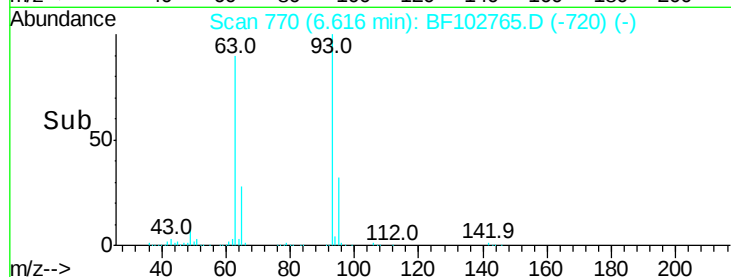
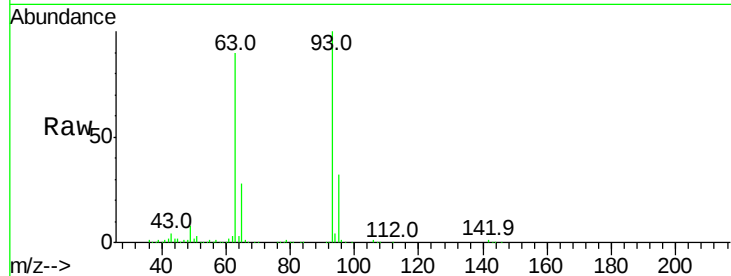
#11
bis(2-Chloroethyl)ether
Concen: 35.874 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	90.5	58.6	98.6
95	31.9	11.8	51.8

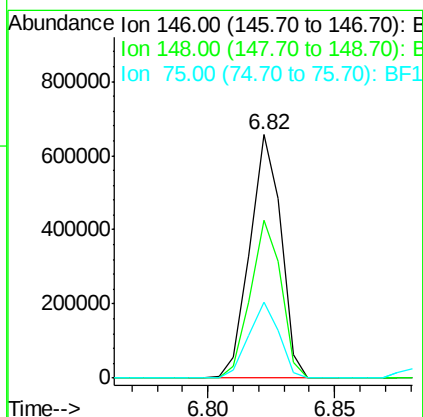
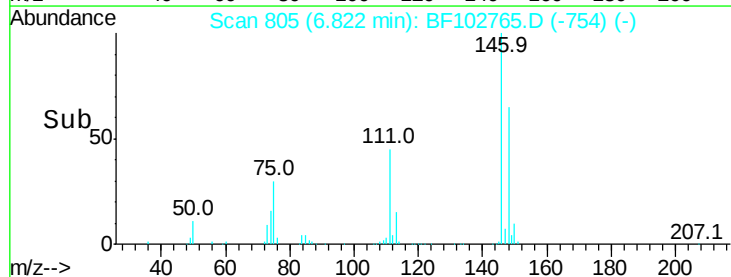
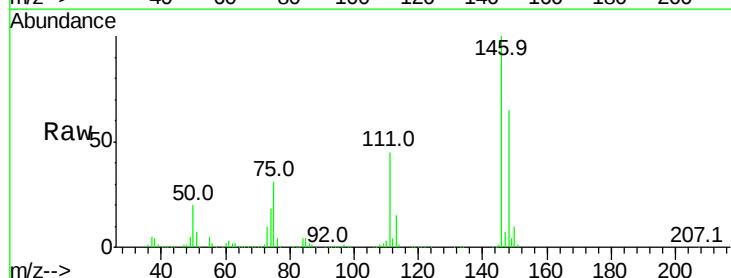
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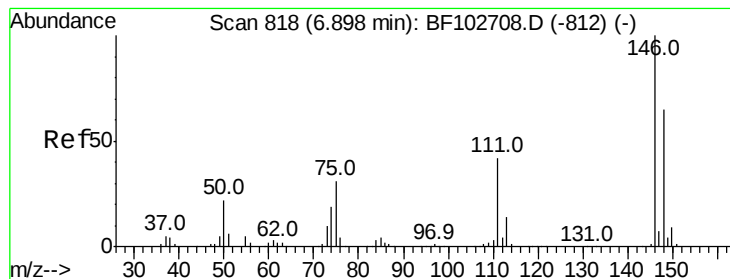
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.907 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.6	51.8	77.8
75	31.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.116 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

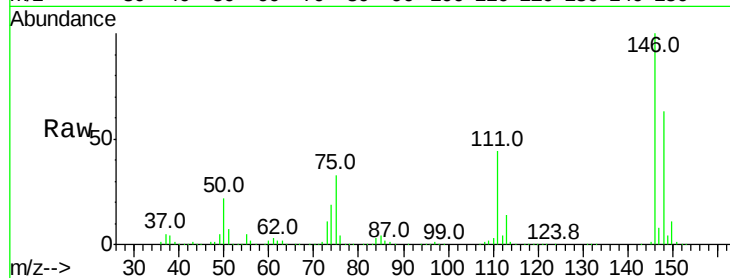
ClientSampleId :

8-SAN-5-EW(0-4)MS

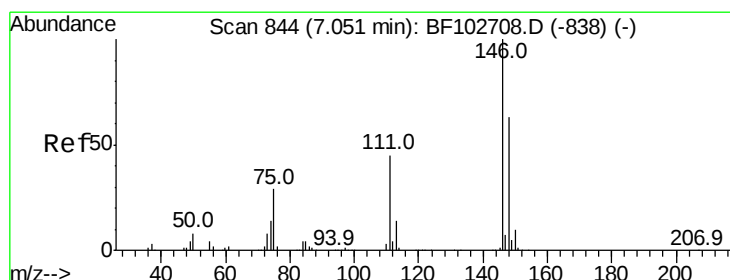
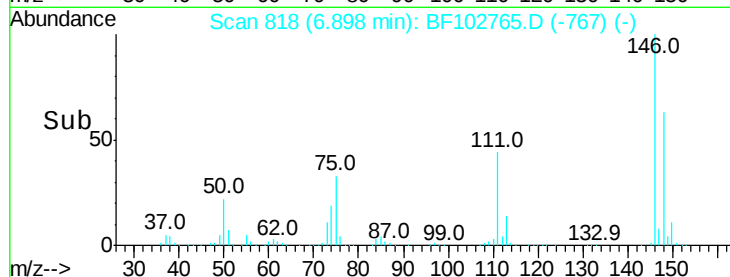
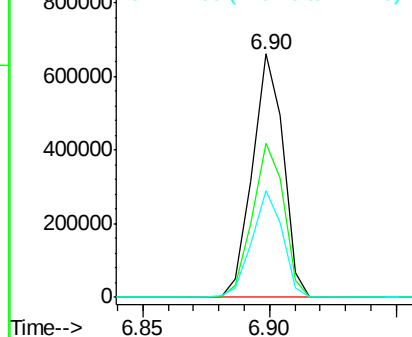
Tot Ion:	146	Resp:	564052
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	43.7	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.434 ng

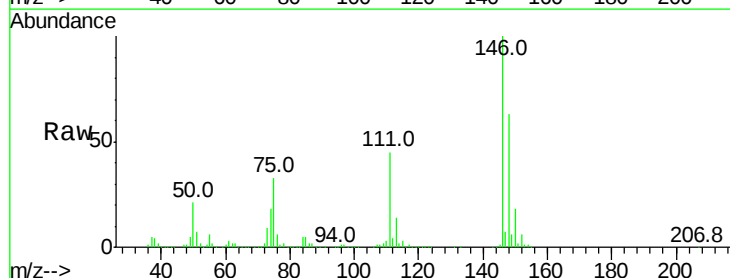
RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

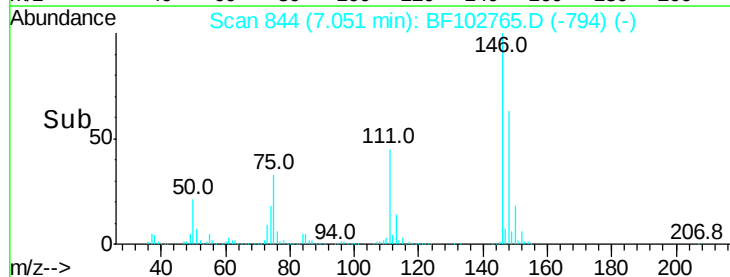
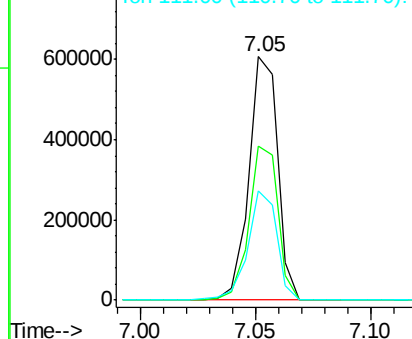
Lab File: BF102765.D

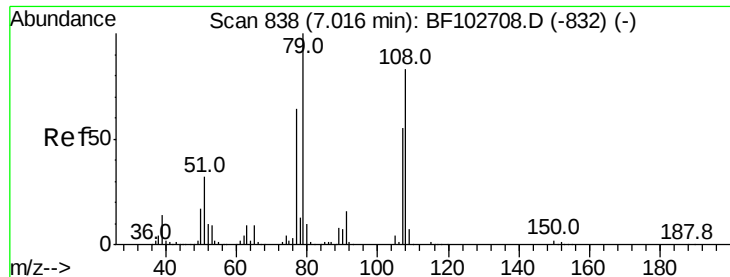
Acq: 6 Feb 2018 4:24

Tgt Ion:	146	Resp:	530266
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	75.8
111	44.9	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





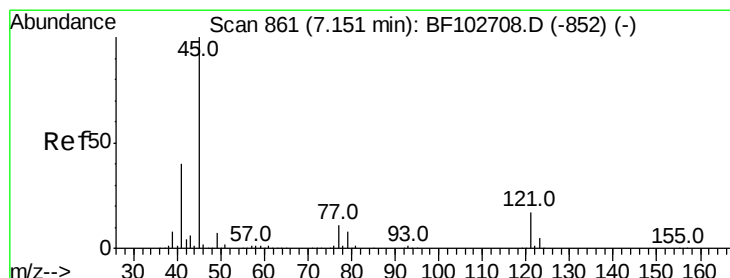
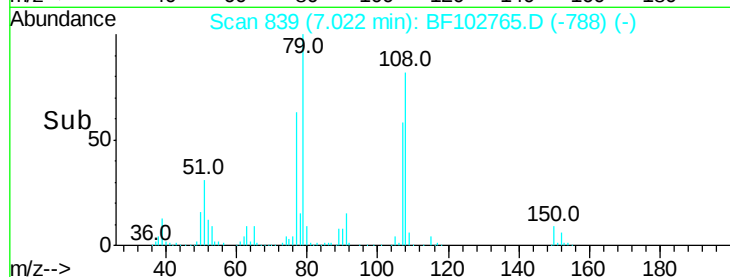
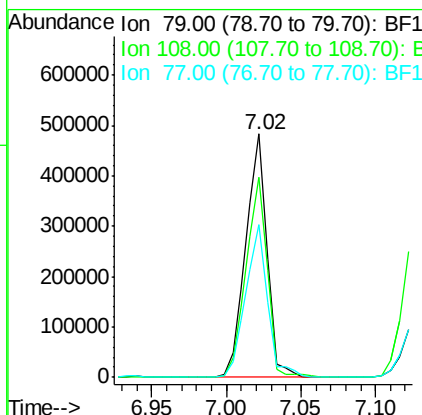
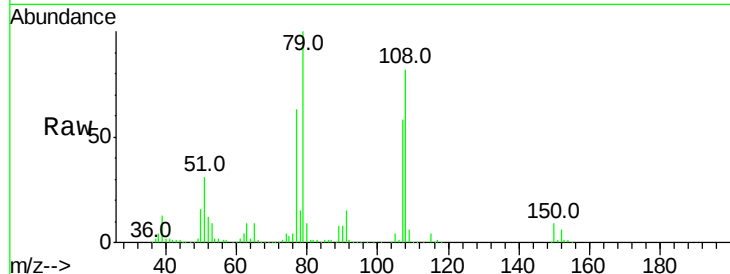
#15
Benzyl Alcohol
Concen: 36.971 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	65.1	97.7
77	62.9	50.6	75.8

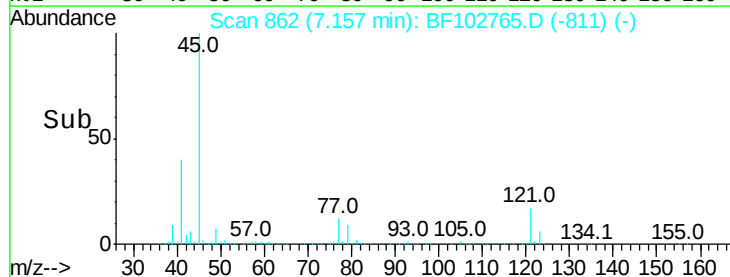
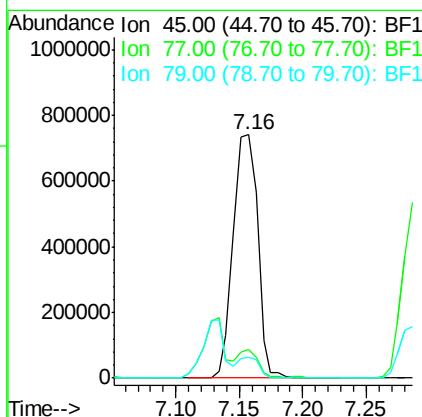
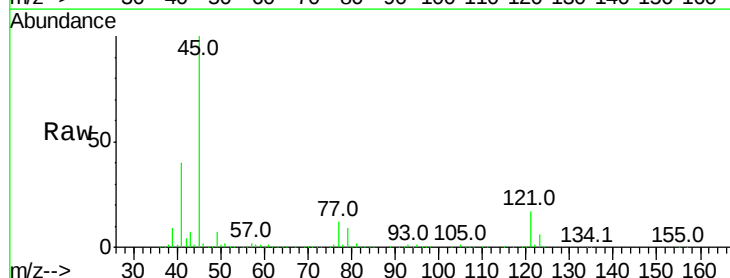
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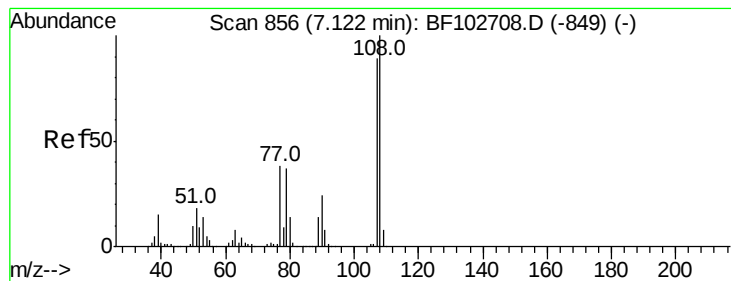
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.739 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	32.9
79	8.8	0.0	29.6





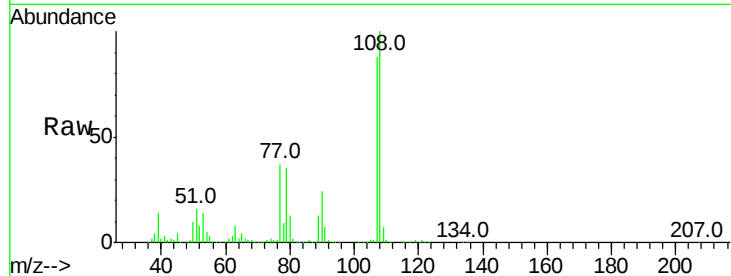
#17
2-Methylphenol
Concen: 35.629 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

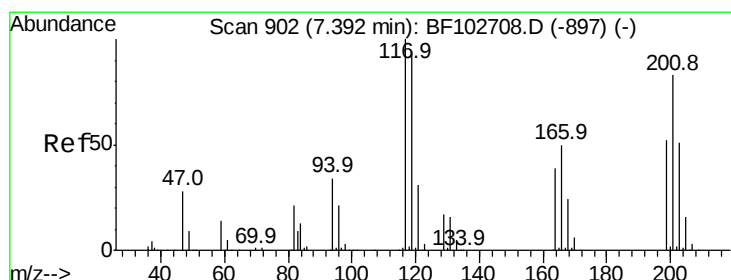
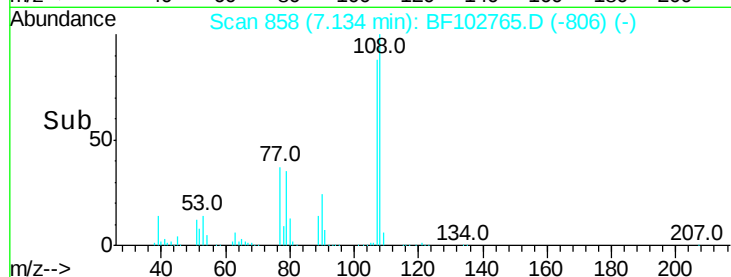
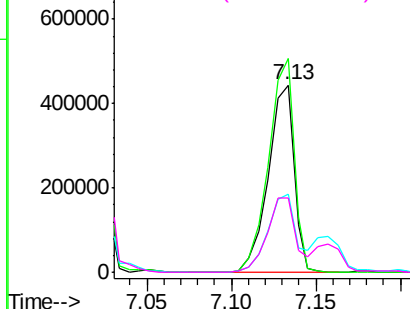
Tot Ion:	107	Resp:	471039
Ion Ratio	Lower	Upper	
107	100		
108	114.3	91.7	137.5
77	41.8	33.8	50.8
79	40.0	33.8	50.8

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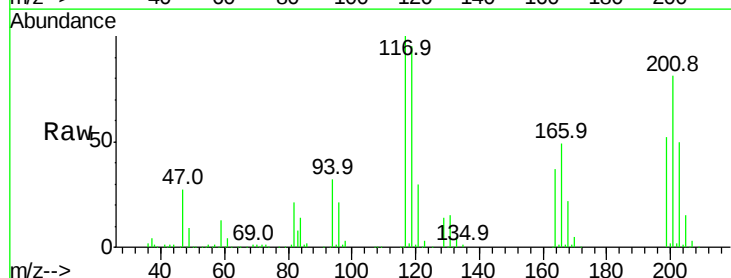


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

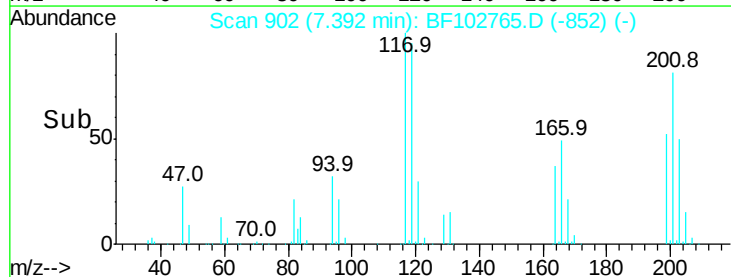
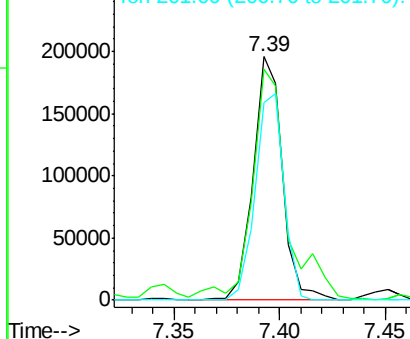


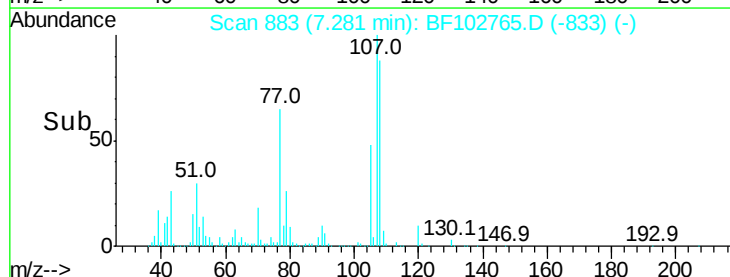
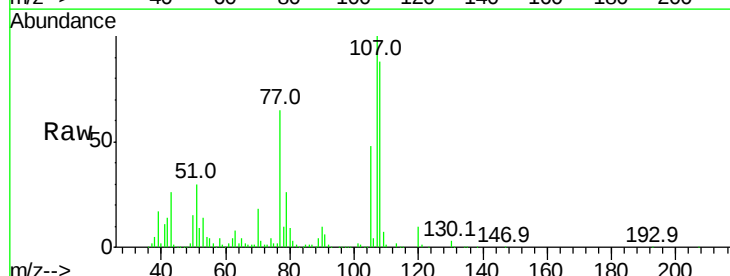
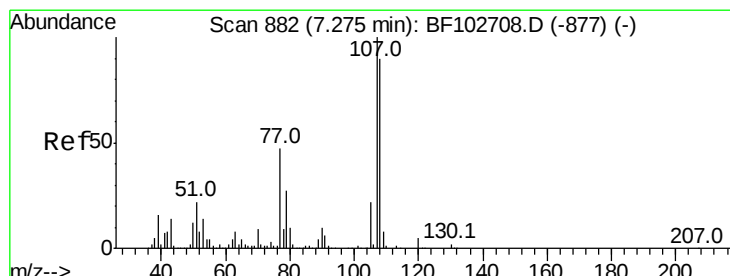
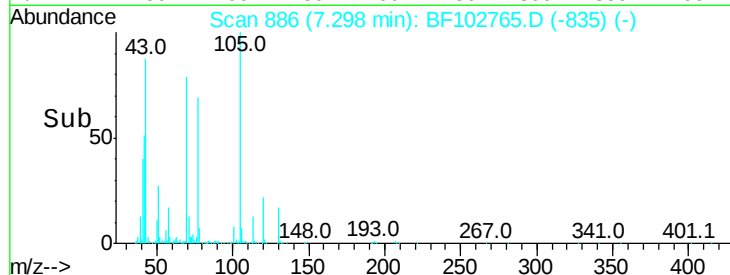
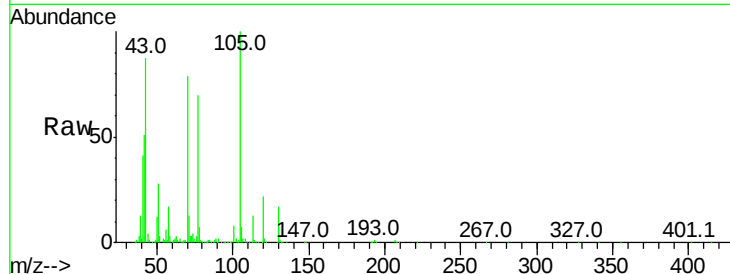
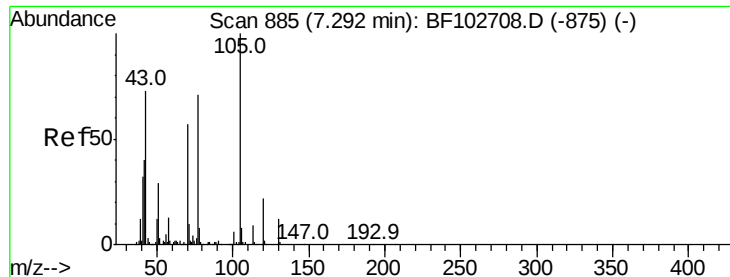
#18
Hexachloroethane
Concen: 33.324 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:	117	Resp:	188928
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.8
201	81.1	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





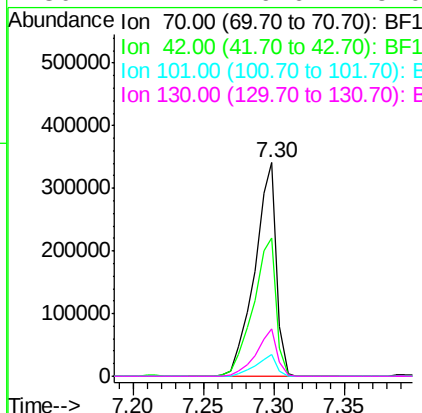
#19
n-Nitroso-di-n-propylamine
Concen: 33.508 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	70	Resp	370339
Ion Ratio	Lower	Upper	
70	100		
42	64.6	47.5	71.3
101	10.0	7.4	11.2
130	22.1	16.6	25.0

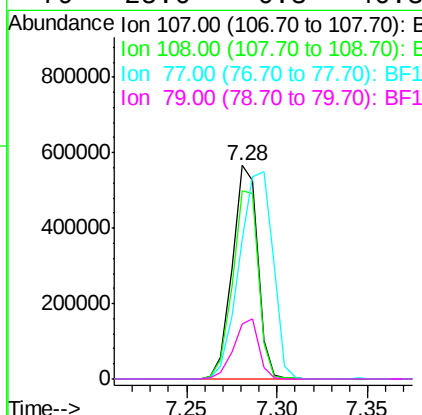
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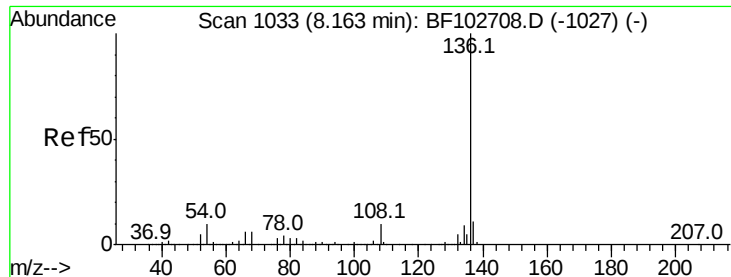
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#20
3+4-Methylphenols
Concen: 34.113 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	107	Resp	556156
Ion Ratio	Lower	Upper	
107	100		
108	87.9	68.2	108.2
77	65.5	26.7	66.7
79	25.6	6.3	46.3





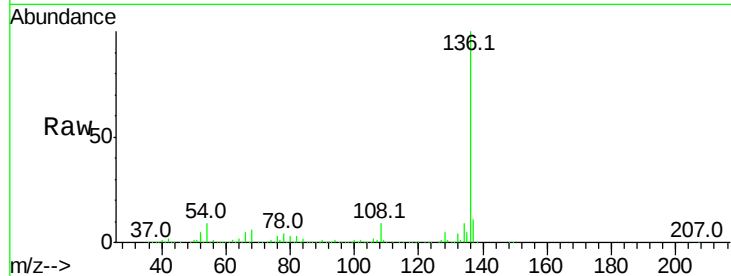
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

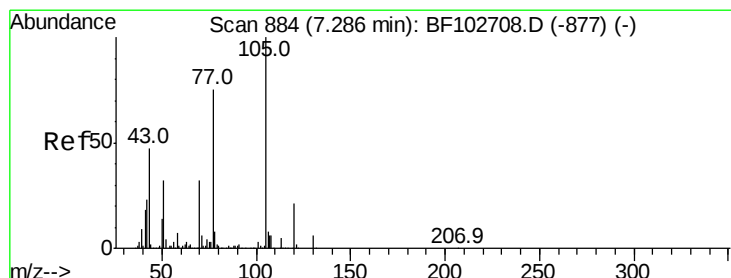
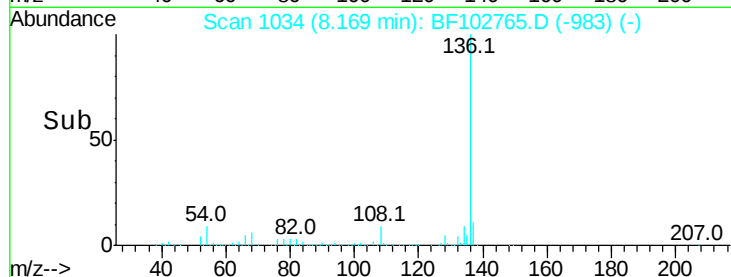
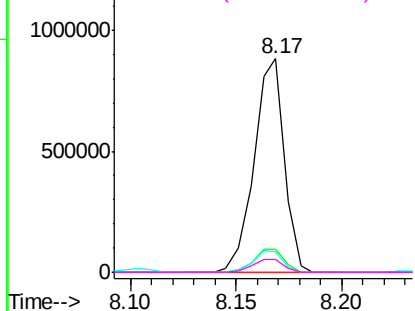
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.4	6.6	9.8	
68	6.0	5.0	7.4	

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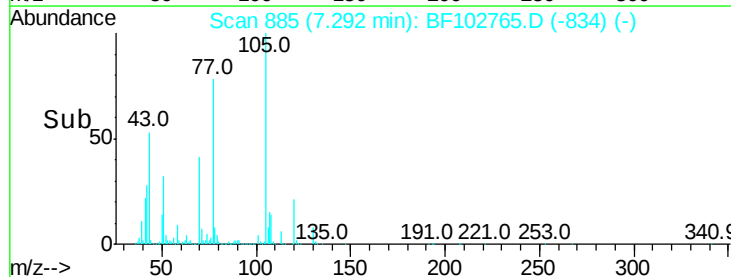
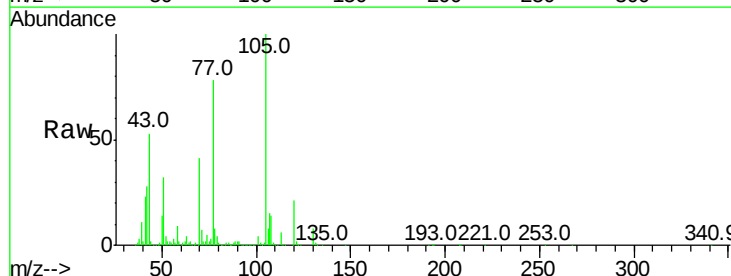
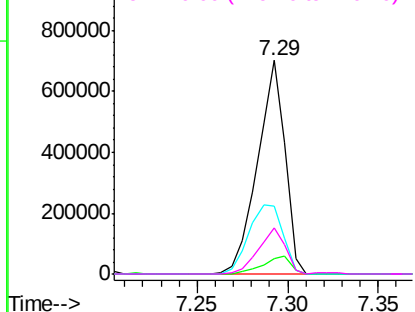
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

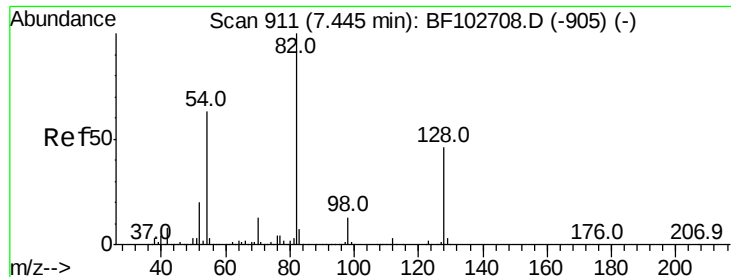


#22
Acetophenone
Concen: 34.492 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	4.4	6.6#	
51	31.7	22.3	33.5	
120	21.3	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





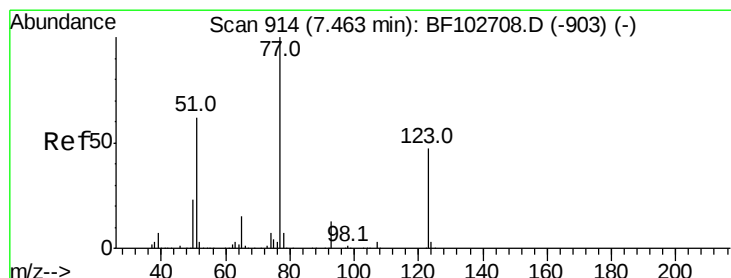
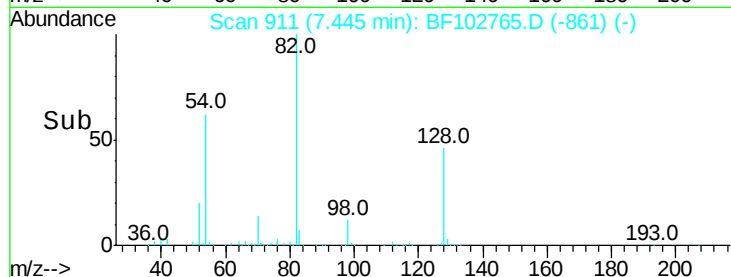
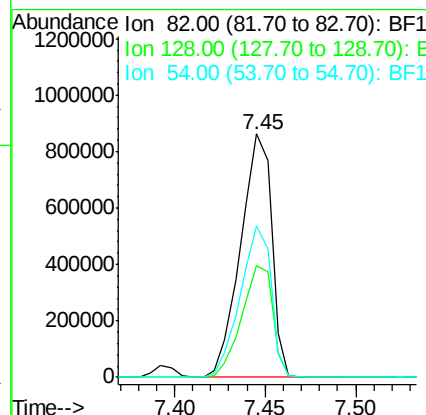
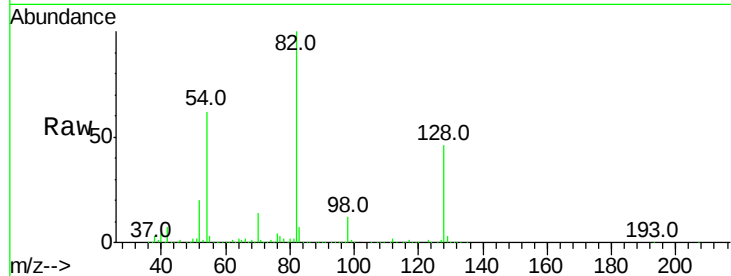
#23
 Nitrobenzene-d5
 Concen: 81.420 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	62.5	41.4	62.2#

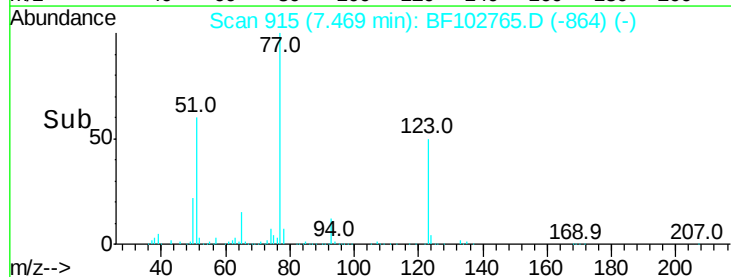
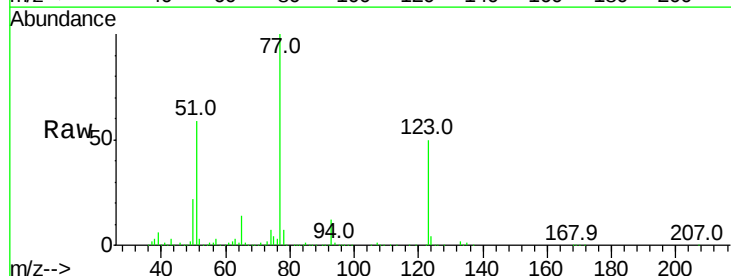
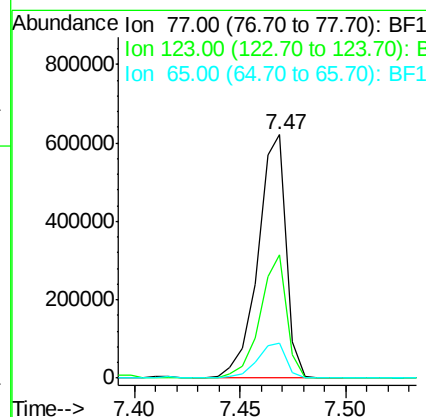
Manual Integrations
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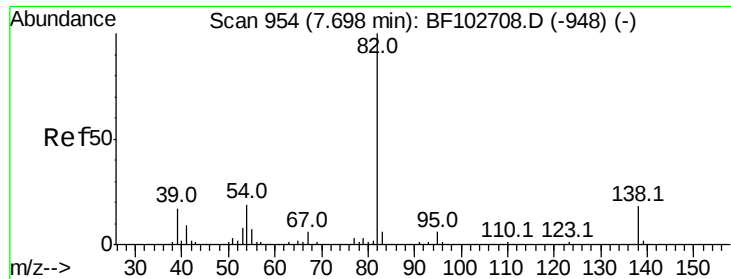
Sohil
 2/6/2018 2:26:20 PM



#24
 Nitrobenzene
 Concen: 38.765 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 36.654 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion: 82 Resp: 1066692

Ion Ratio Lower Upper

82 100

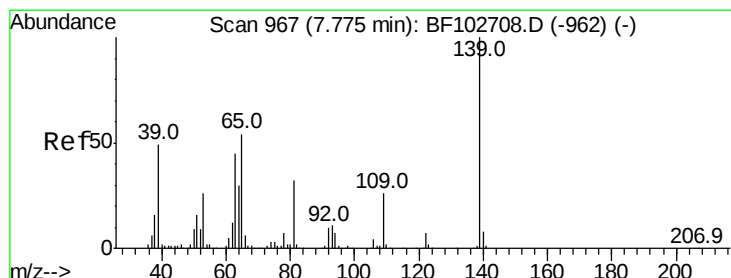
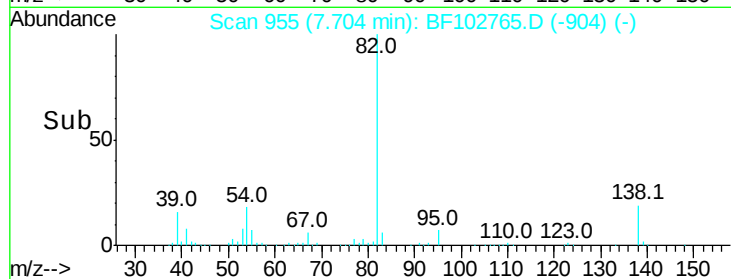
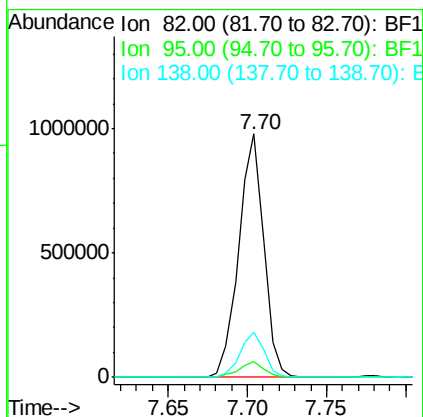
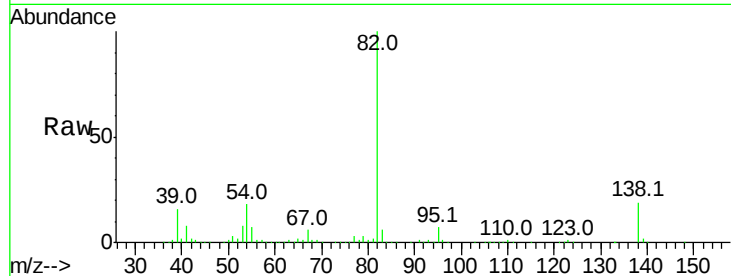
95 6.6 5.2 7.8

138 18.8 14.9 22.3

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#26

2-Nitrophenol

Concen: 45.870 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

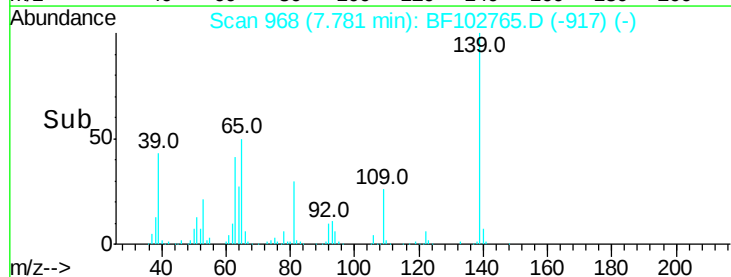
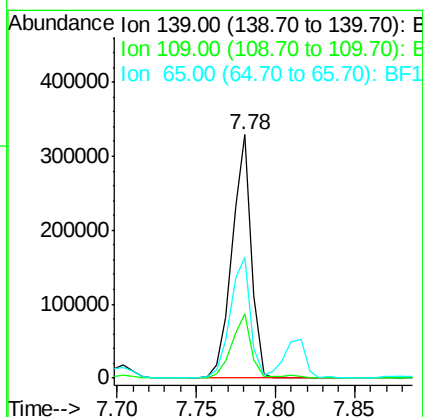
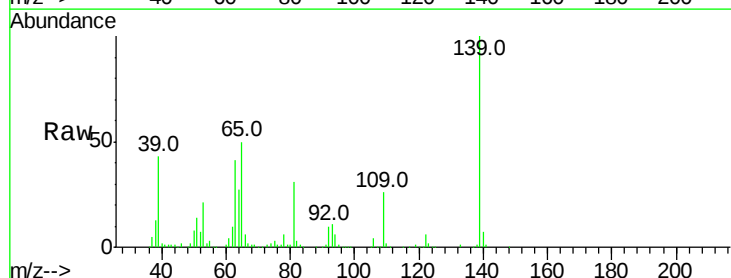
Tgt Ion: 139 Resp: 277282

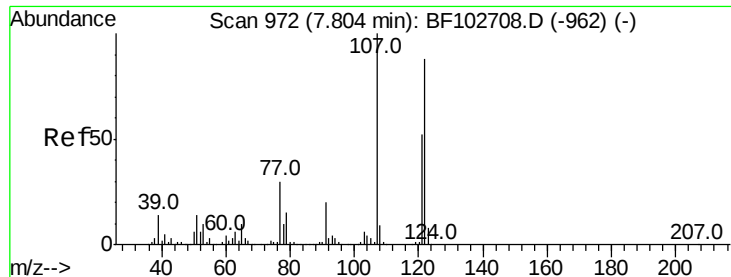
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.344 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

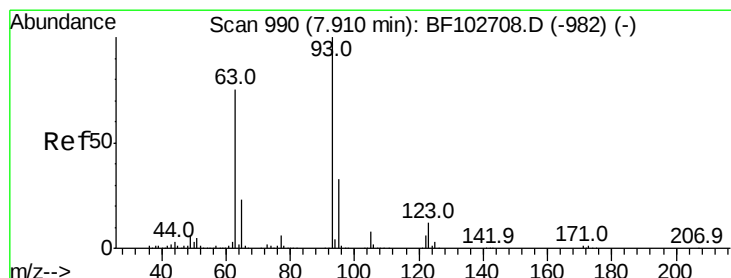
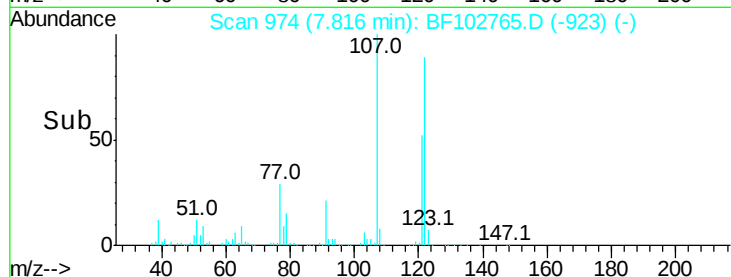
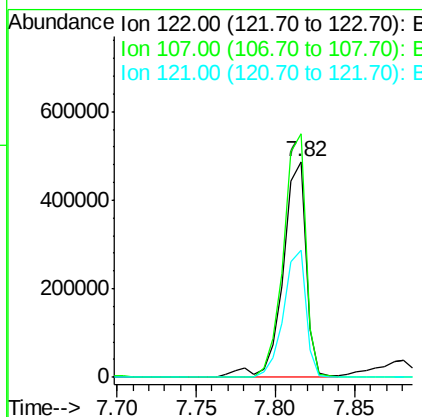
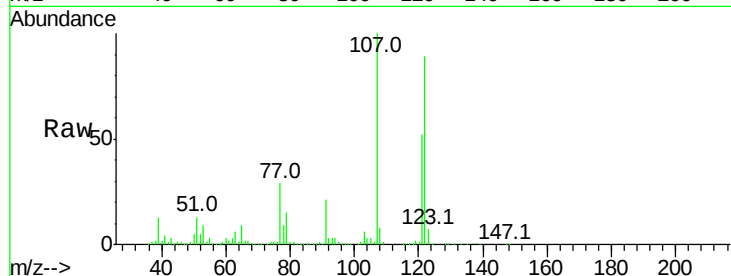
ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:	122	Resp:	496017
Ion Ratio	Lower	Upper	
122	100		
107	112.9	91.2	136.8
121	58.8	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 39.307 ng

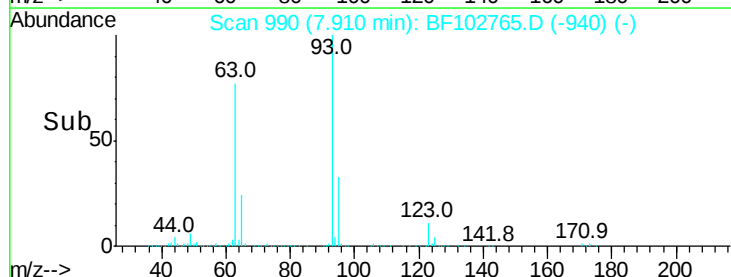
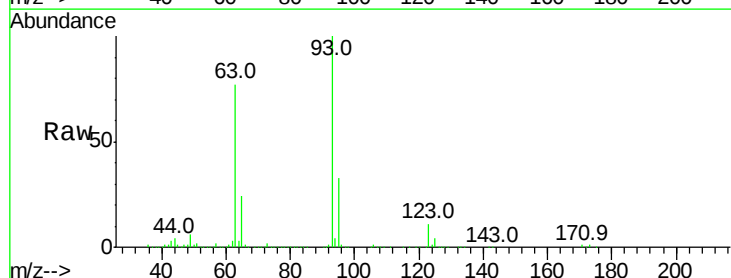
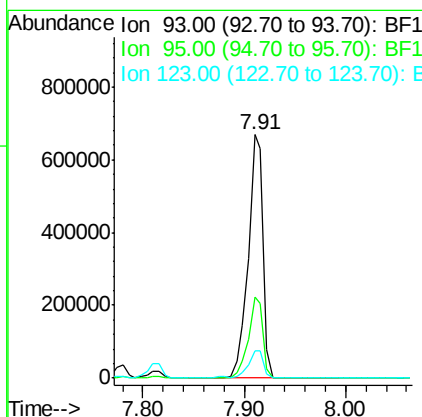
RT: 7.91 min Scan# 990

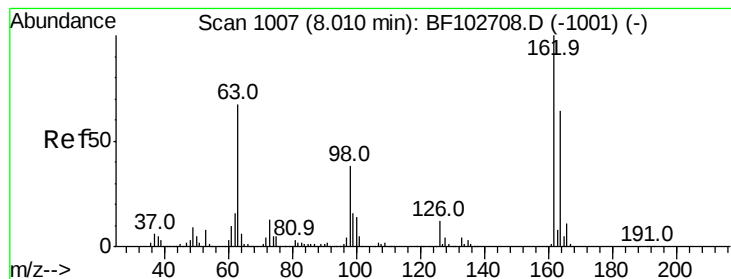
Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:	93	Resp:	677621
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	11.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 39.030 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

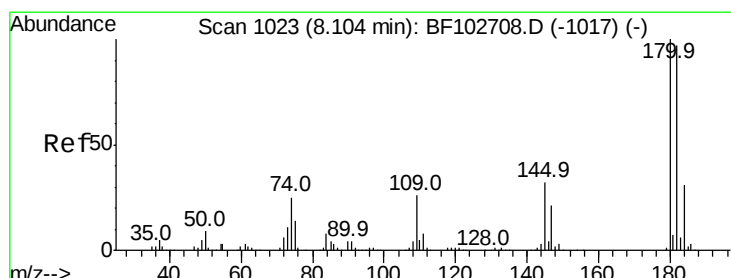
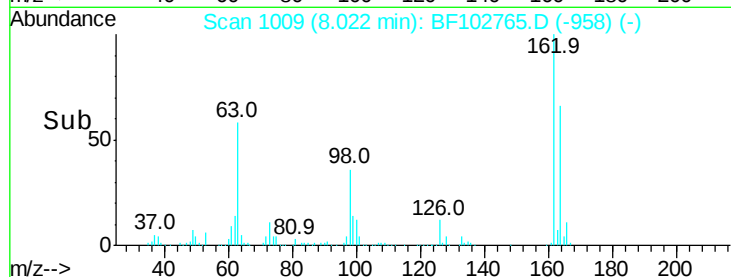
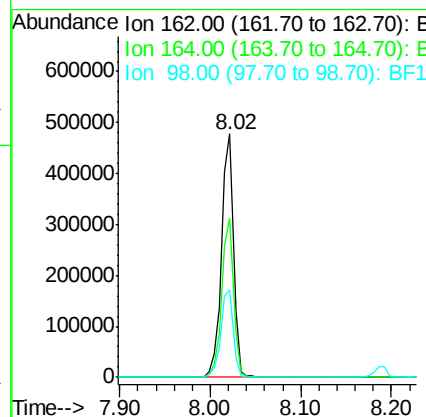
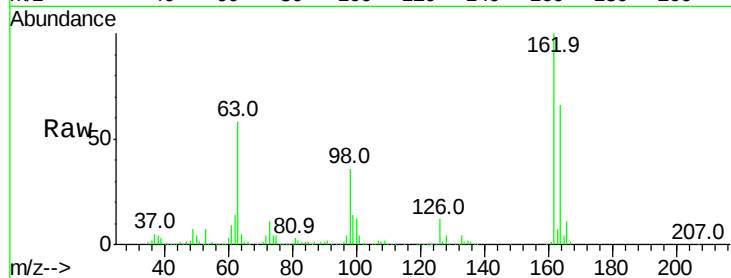
ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:	162	Resp:	436231
Ion Ratio	Lower	Upper	
162	100		
164	65.6	42.7	82.7
98	35.9	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 34.438 ng

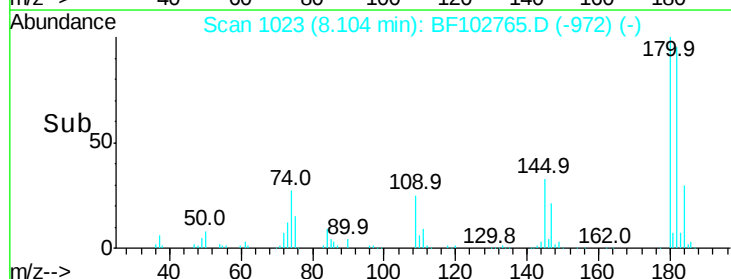
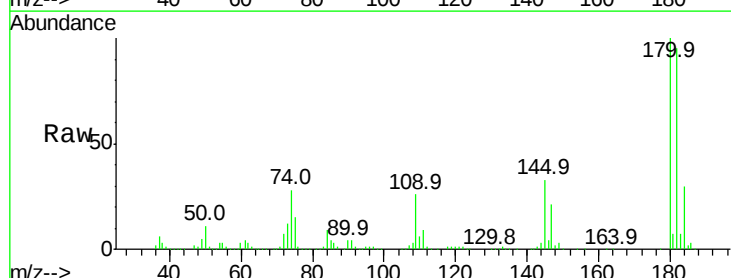
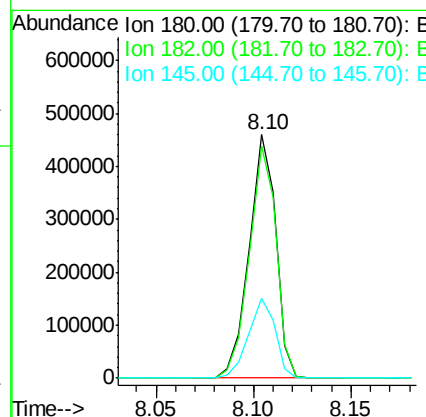
RT: 8.10 min Scan# 1023

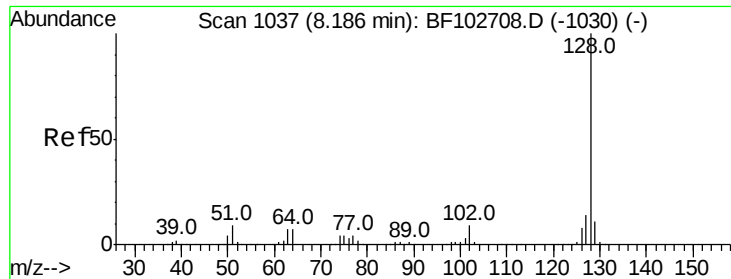
Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:	180	Resp:	435439
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.8	115.2
145	32.9	26.5	39.7





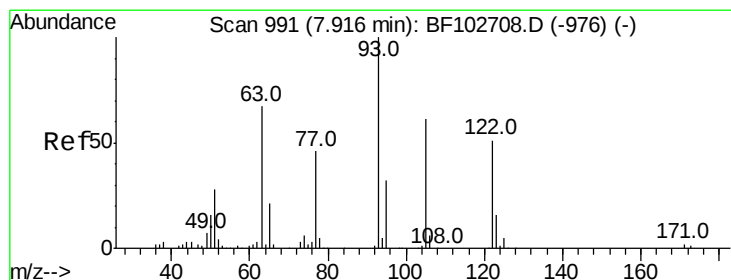
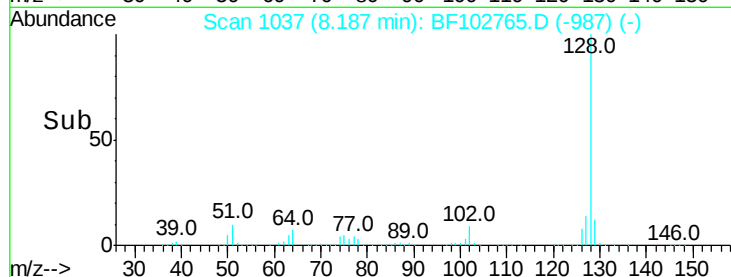
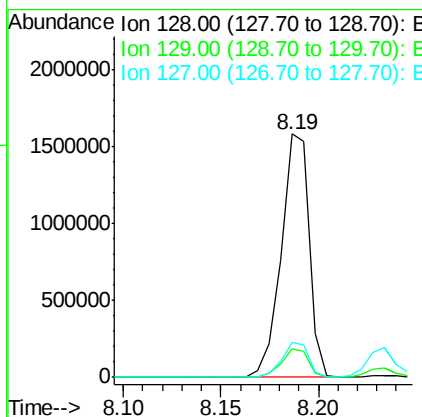
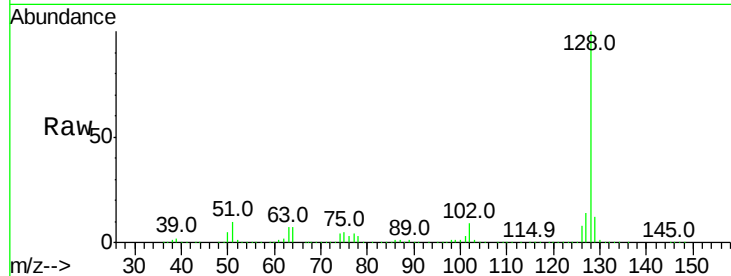
#31
Naphthalene
Concen: 36.555 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion:128 Resp: 1565818
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.2 10.9 16.3

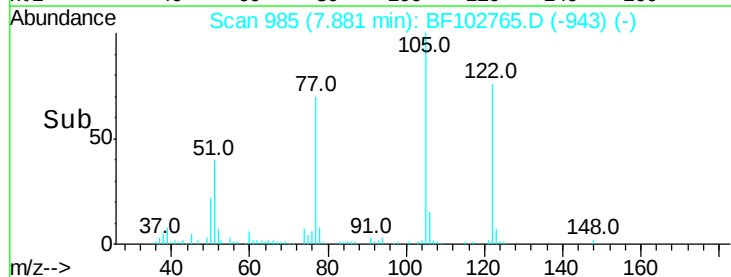
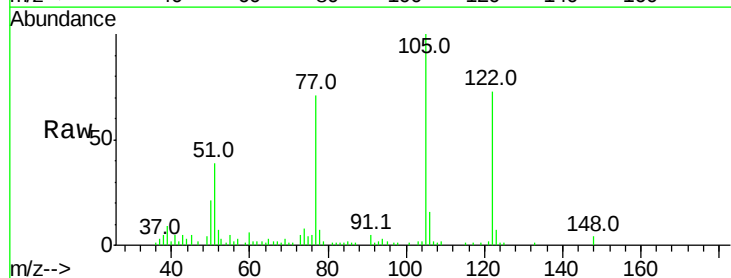
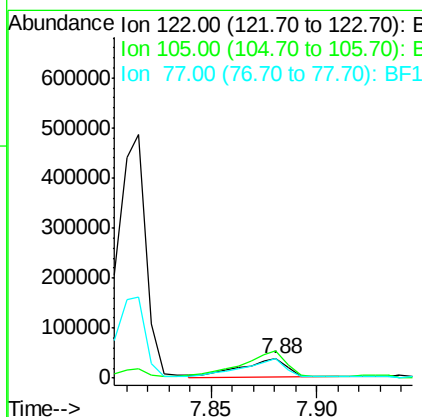
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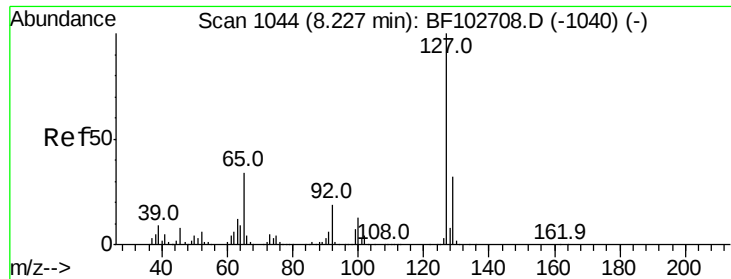
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#32
Benzoic acid
Concen: 14.784 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:122 Resp: 57490
Ion Ratio Lower Upper
122 100
105 137.7 101.1 141.1
77 97.3 70.7 110.7





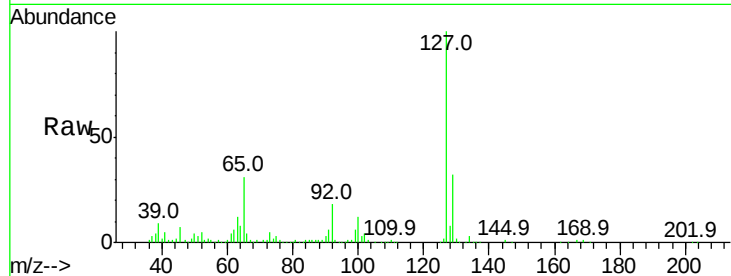
#33
4-Chloroaniline
Concen: 10.988 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

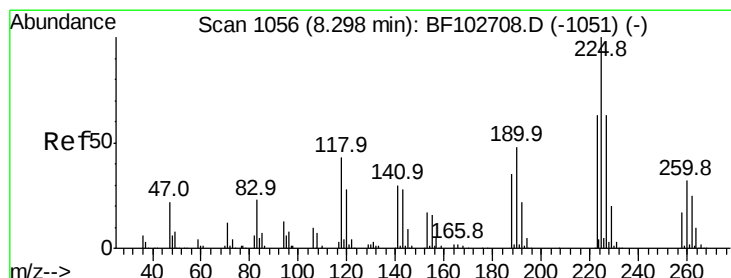
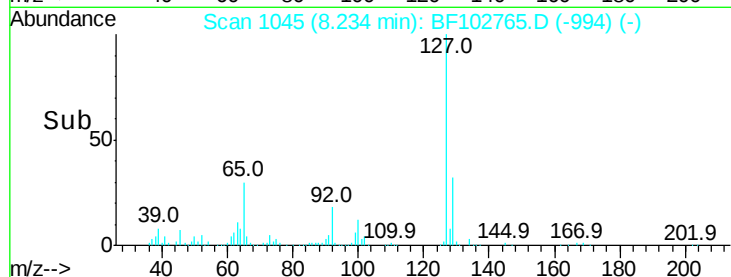
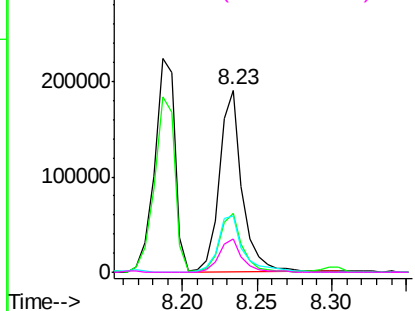
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.9	38.9		
65	30.9	25.0	37.4		
92	18.1	15.2	22.8		

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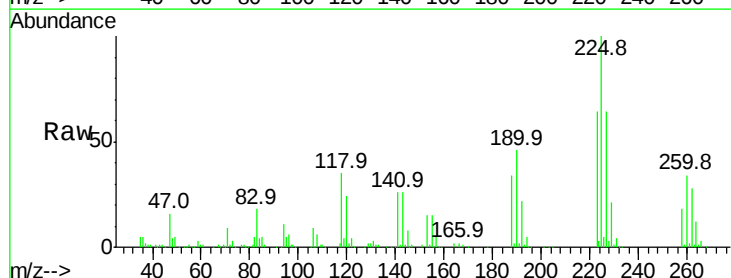


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

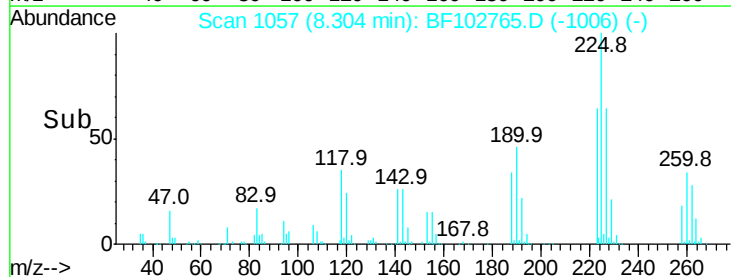
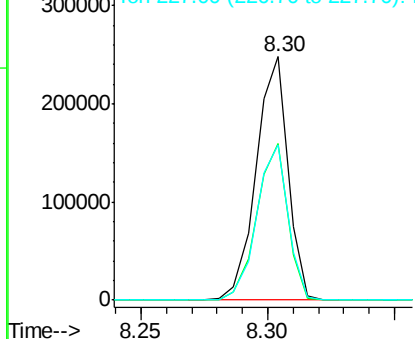


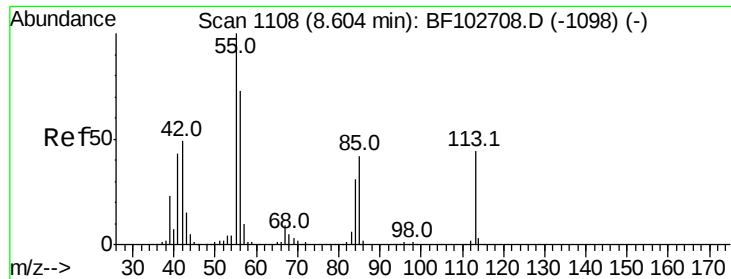
#34
Hexachlorobutadiene
Concen: 33.450 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	50.6	76.0		
227	63.6	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





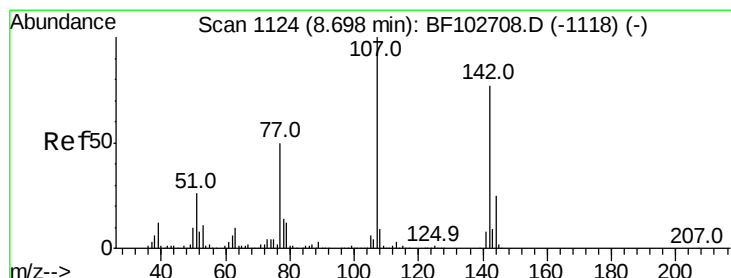
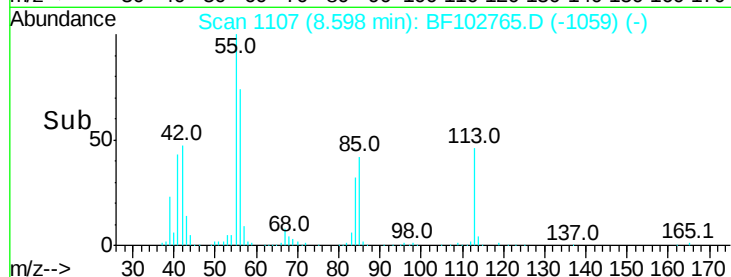
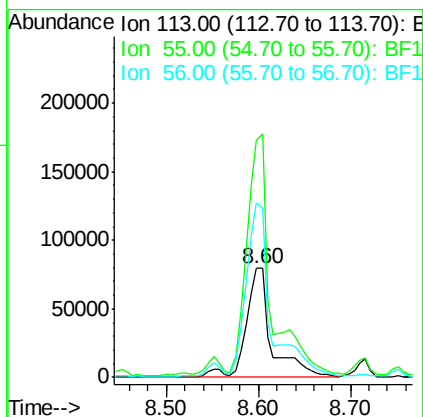
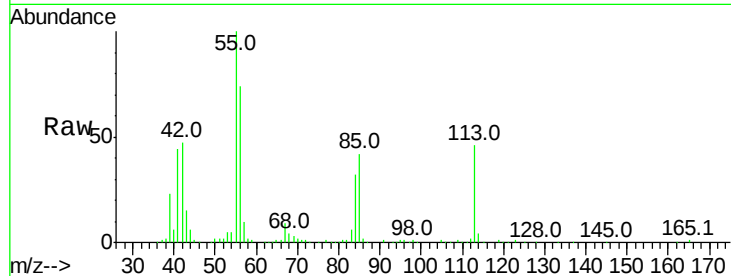
#35
 Caprolactam
 Concen: 39.329 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion:113 Resp: 152658
 Ion Ratio Lower Upper
 113 100
 55 218.3 163.3 203.3#
 56 160.6 115.7 155.7#

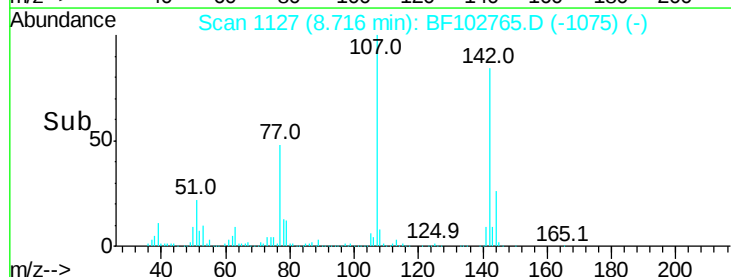
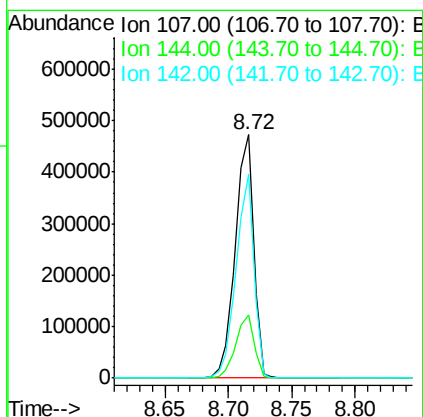
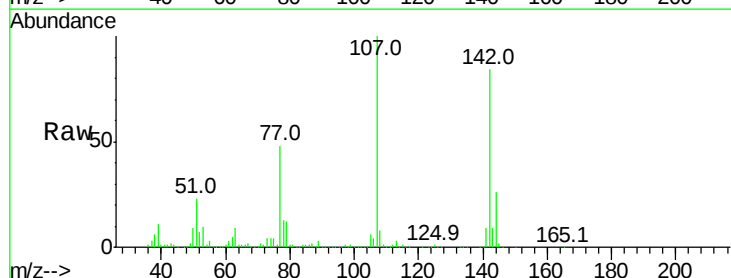
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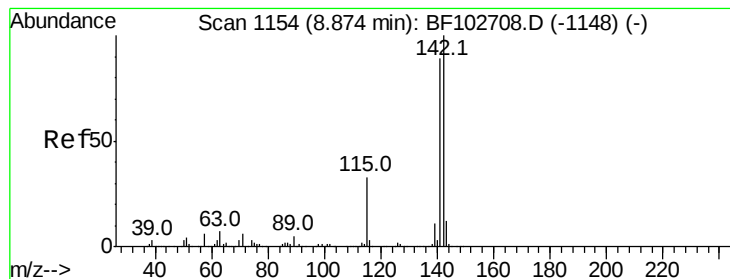
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#36
 4-Chloro-3-methylphenol
 Concen: 37.972 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion:107 Resp: 476854
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 83.5 62.0 93.0





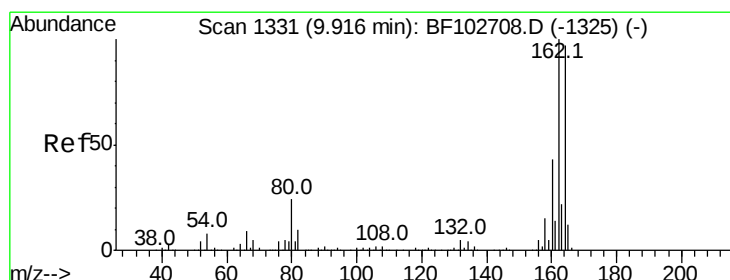
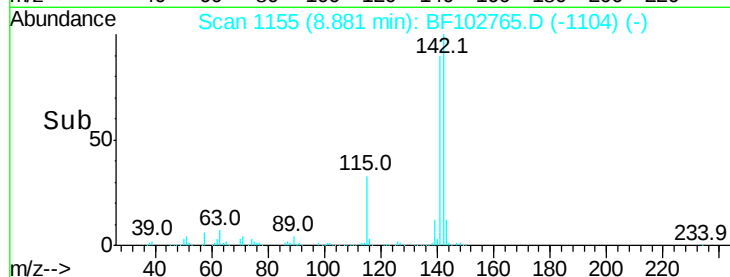
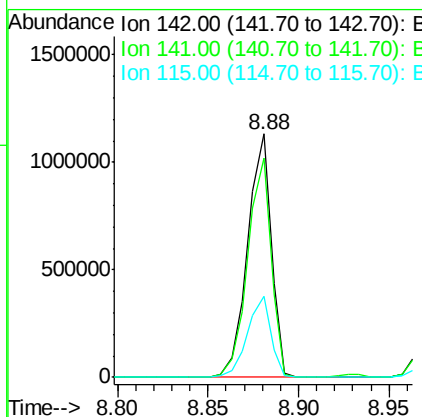
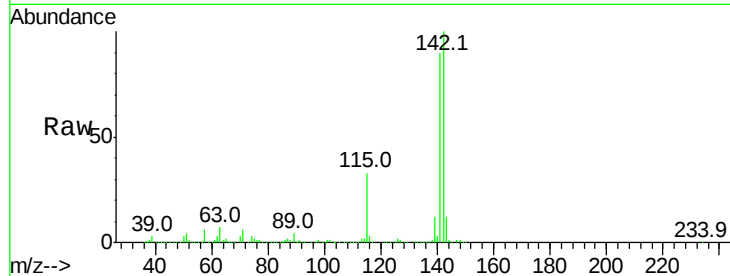
#37
2-Methylnaphthalene
Concen: 36.671 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	33.0	26.1	39.1

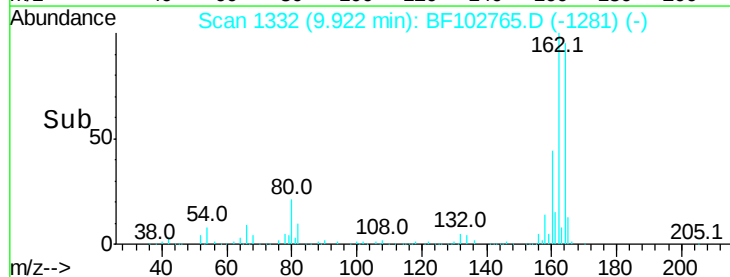
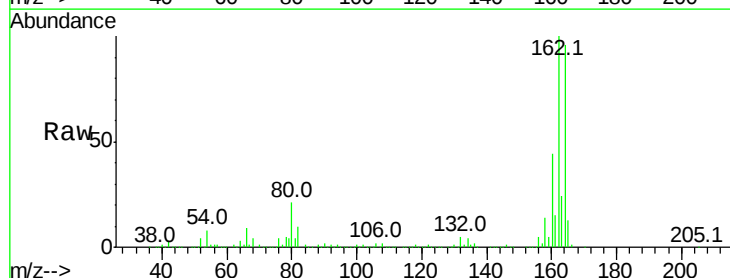
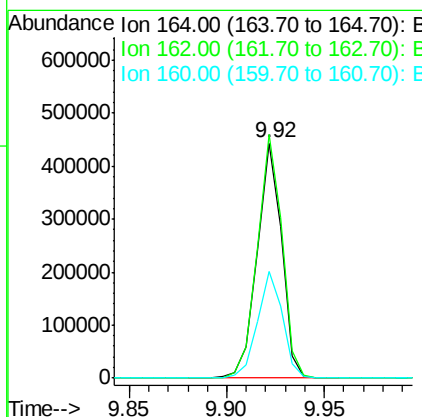
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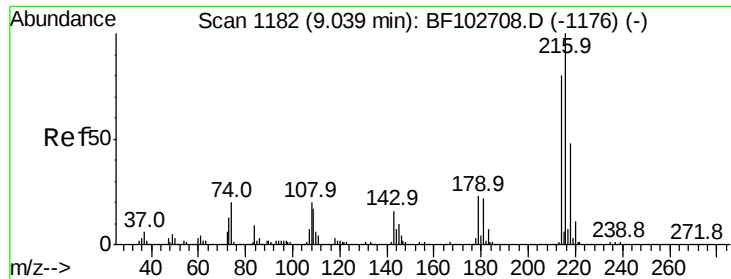
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.3	38.3	57.5





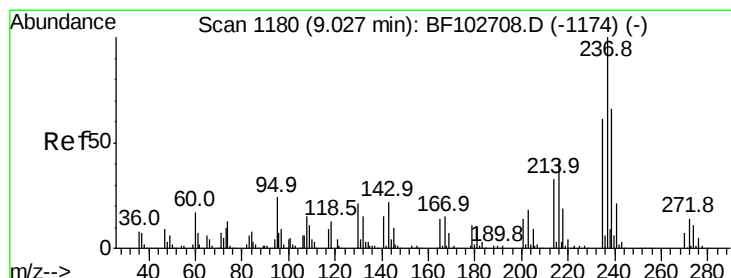
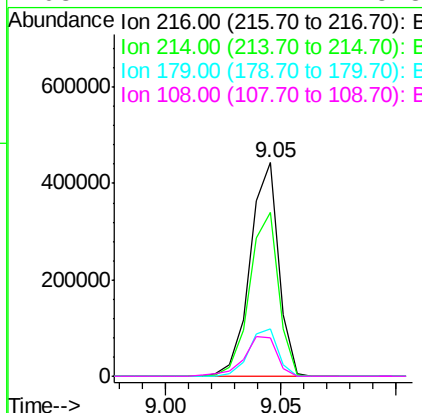
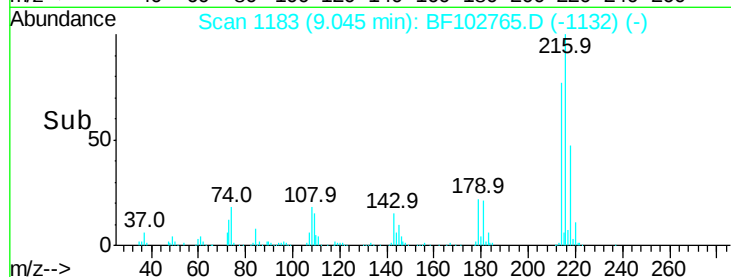
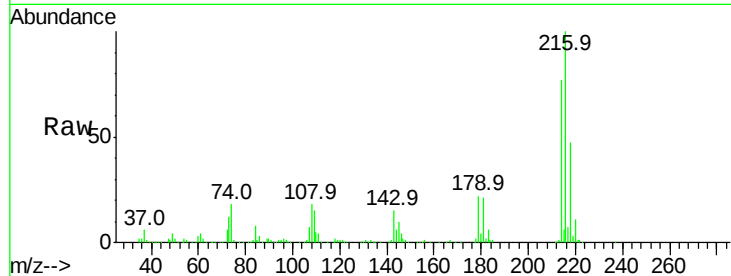
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.694 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.2	63.0	94.4
179	23.2	18.1	27.1
108	21.4	17.2	25.8

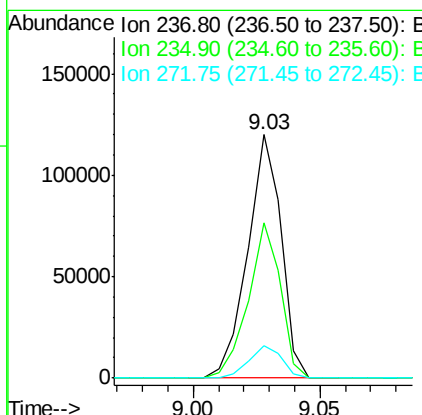
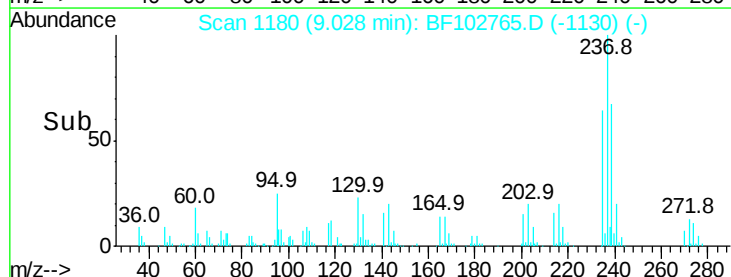
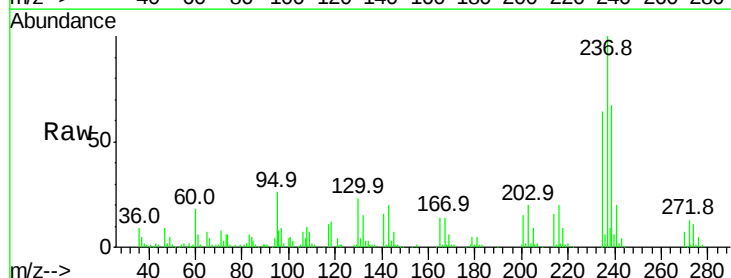
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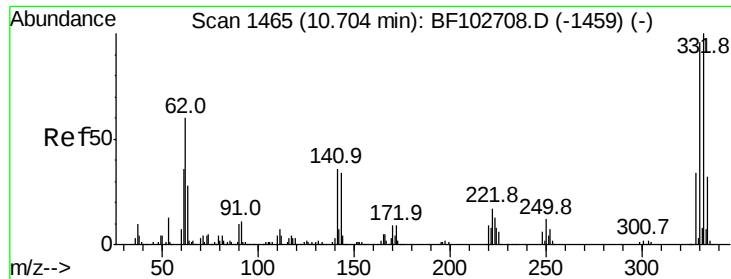
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#40
 Hexachlorocyclopentadiene
 Concen: 22.207 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	44.8	84.8
272	13.3	0.0	33.3





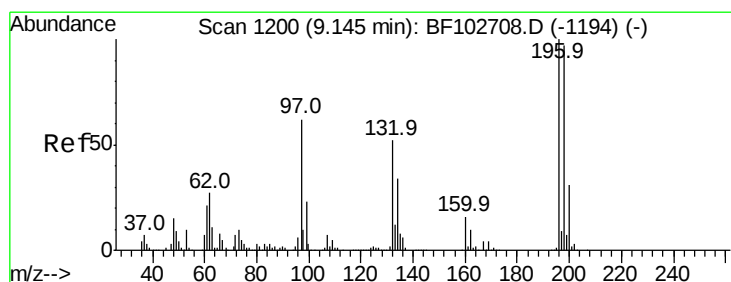
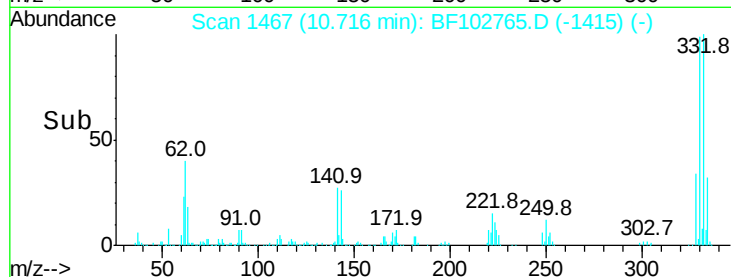
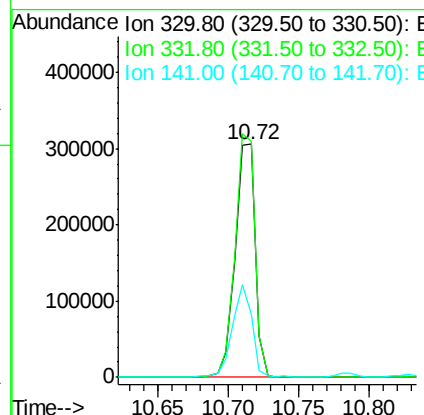
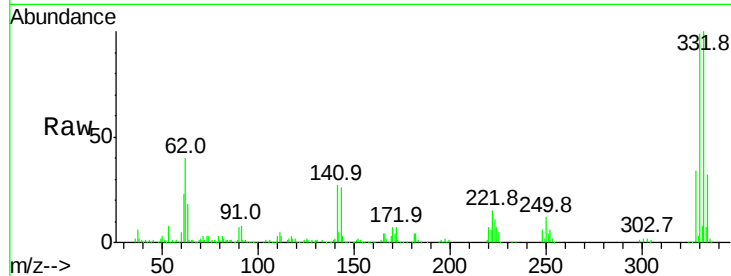
#41
 2,4,6-Tribromophenol
 Concen: 98.582 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.0	77.0	115.6	
141	37.7	29.9	44.9	

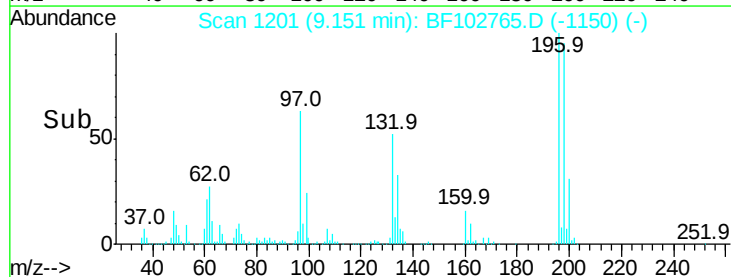
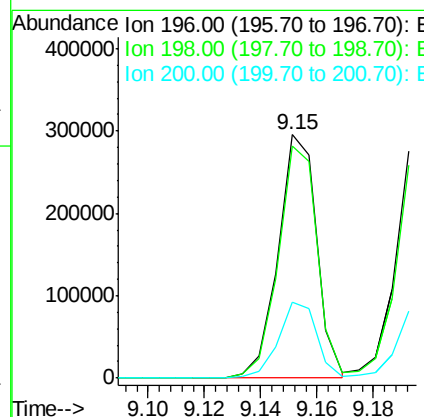
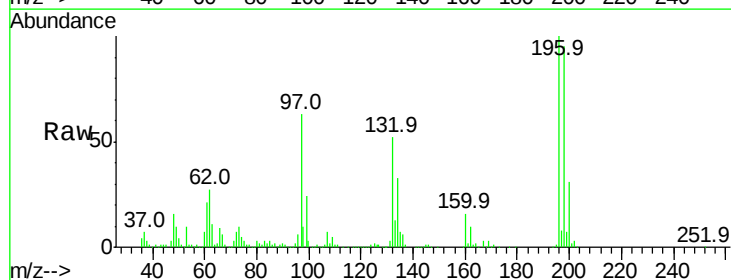
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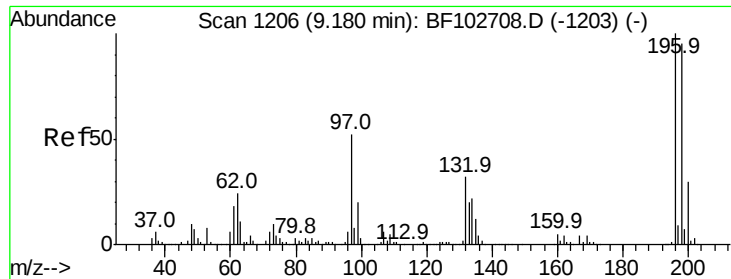
Sohil
 2/6/2018 2:26:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.644 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.1	75.7	113.5	
200	31.5	24.5	36.7	





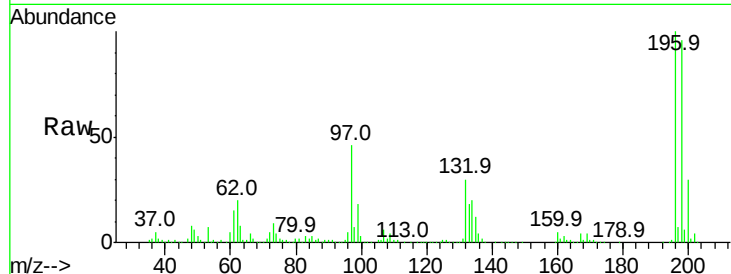
#43
 2,4,5-Trichlorophenol
 Concen: 38.184 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

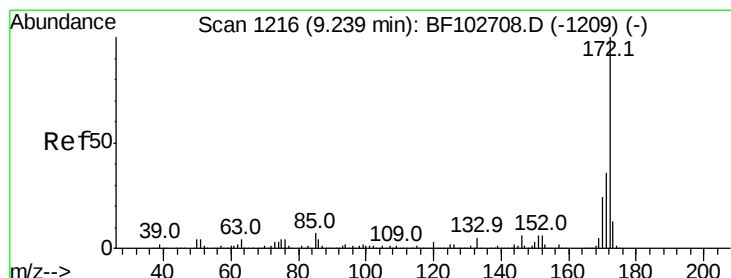
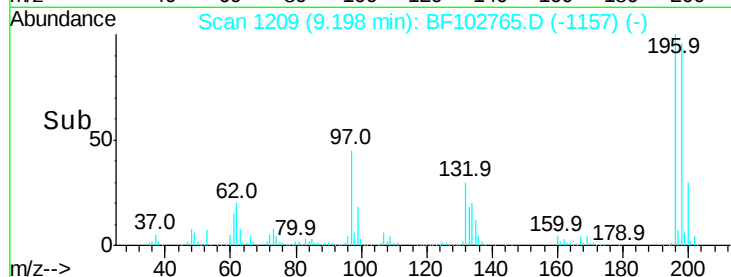
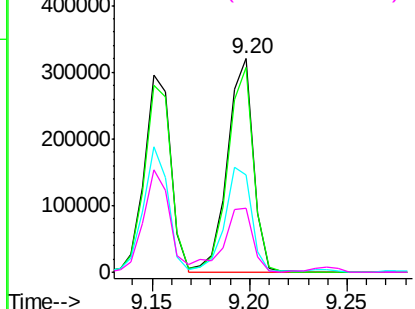
Tot Ion	Ratio	Resp	Lower	Upper
196	100	295273		
198	95.9	74.6	112.0	
97	45.7	42.9	64.3	
132	29.8	26.3	39.5	

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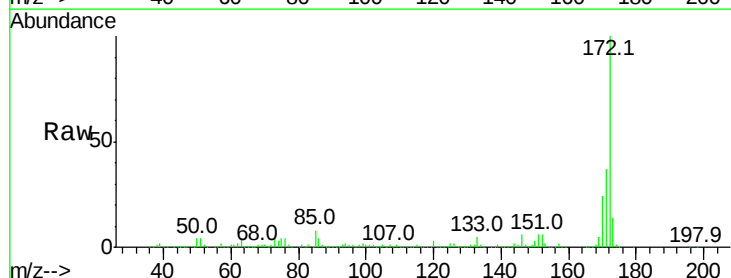


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

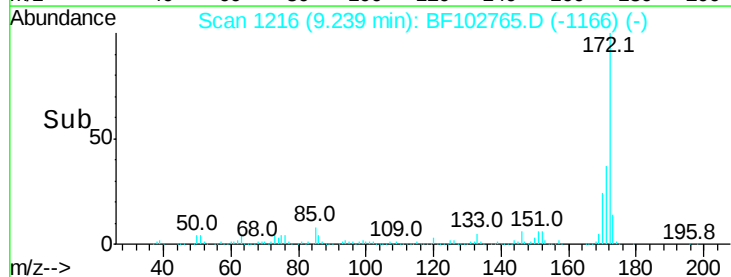
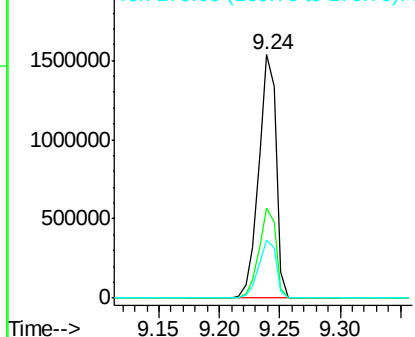


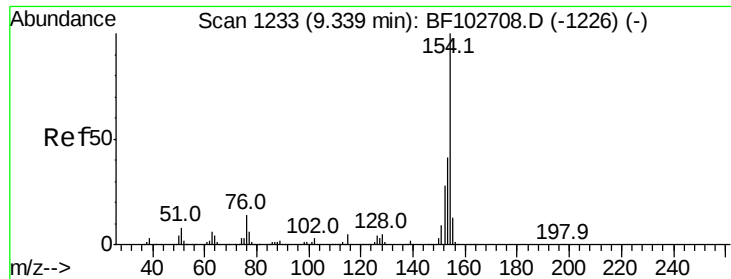
#44
 2-Fluorobiphenyl
 Concen: 67.055 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1550239		
171	36.8	29.7	44.5	
170	24.1	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: 34.430 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:154 Resp: 1112501

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

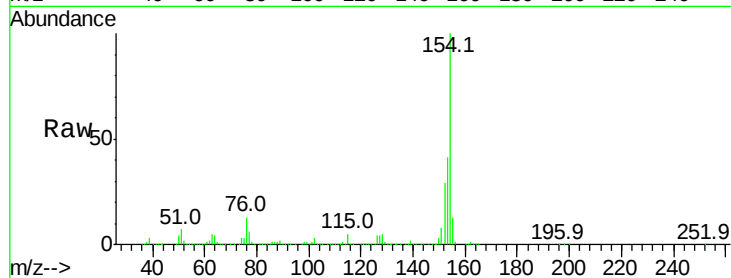
76 13.0 0.0 34.0

Manual Integrations

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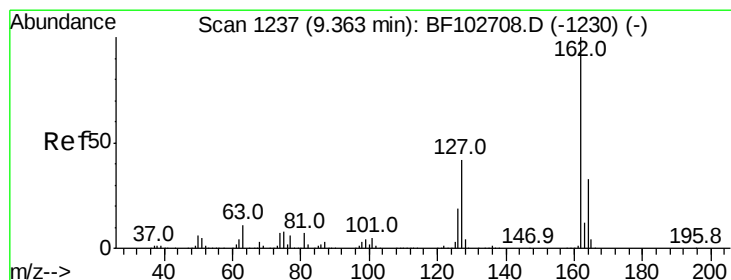
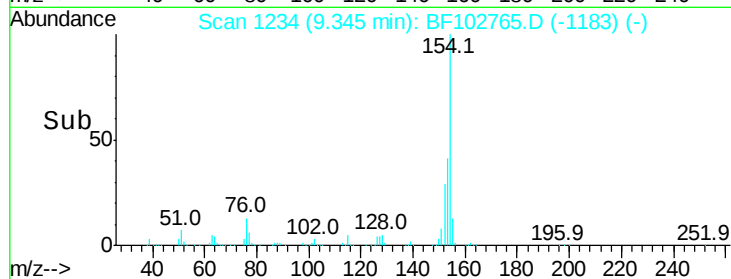
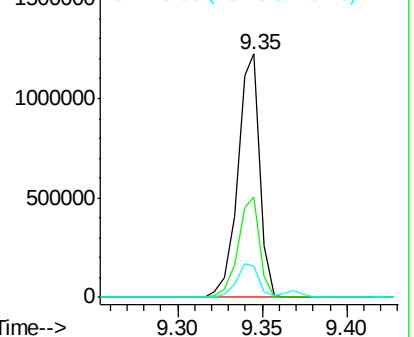
2/6/2018 2:26:20 PM



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



#46

2-Chloronaphthalene

Concen: 34.747 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

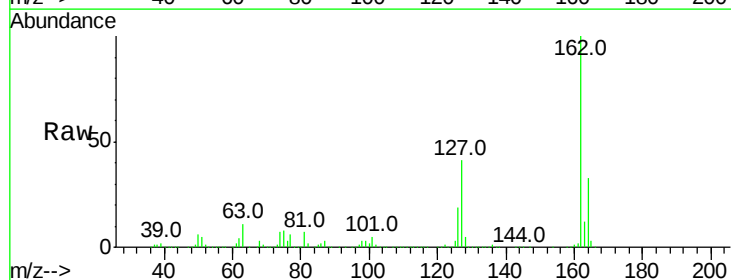
Tgt Ion:162 Resp: 883894

Ion Ratio Lower Upper

162 100

127 40.8 33.9 50.9

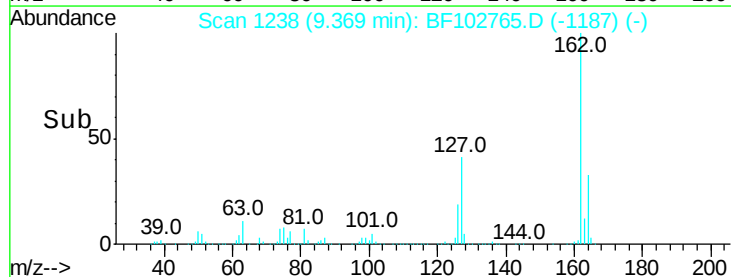
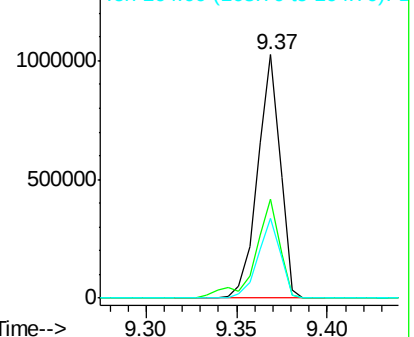
164 32.7 26.5 39.7

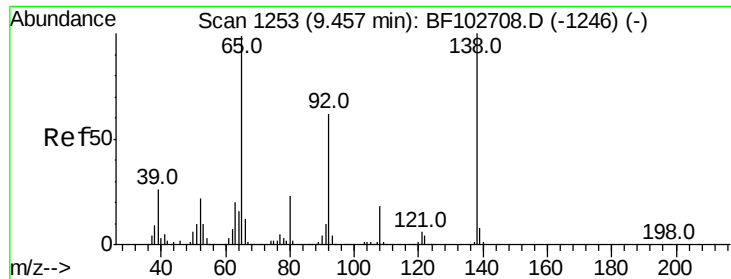


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





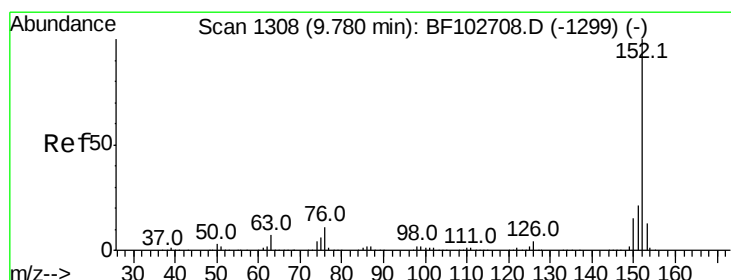
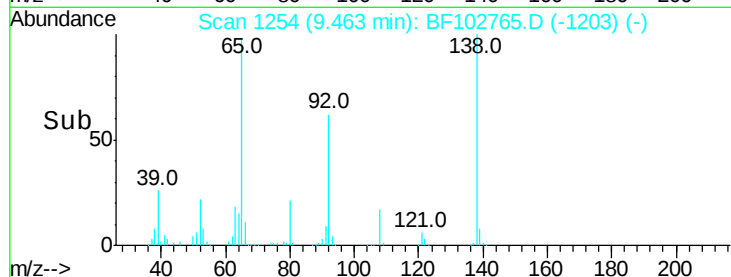
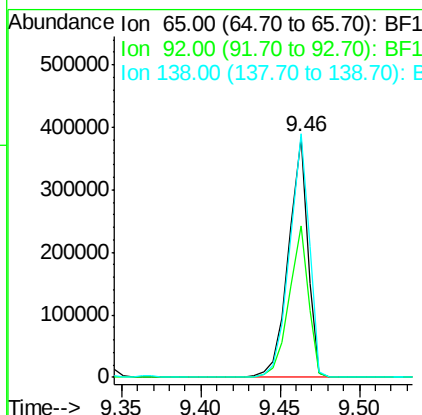
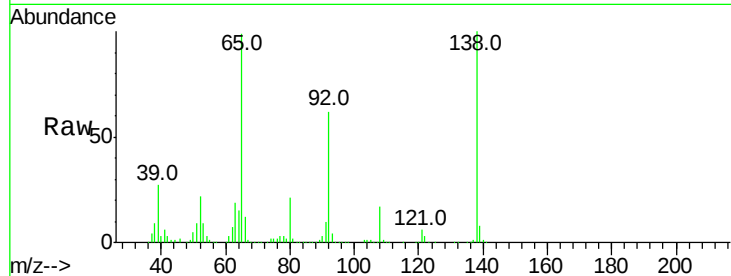
#47
2-Nitroaniline
Concen: 41.847 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	55.8	83.6
138	101.4	91.2	136.8

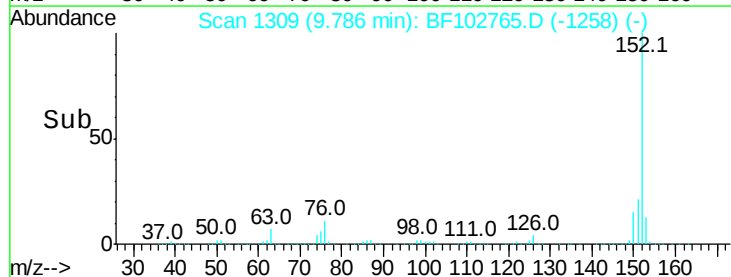
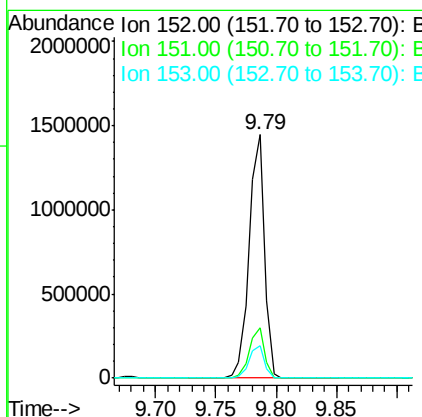
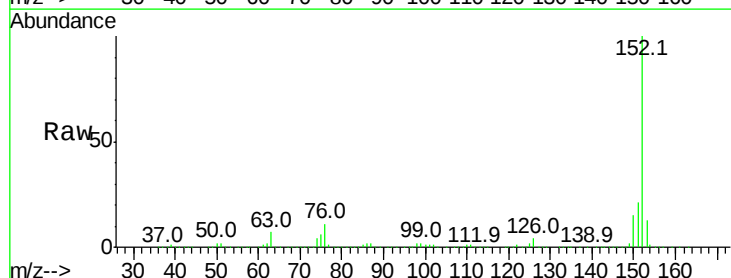
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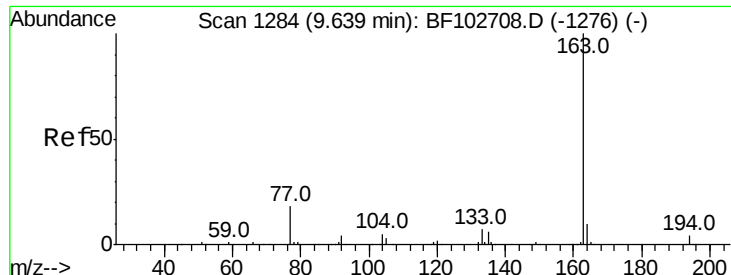
Sohil
2/6/2018 2:26:20 PM



#48
Acenaphthylene
Concen: 32.727 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1





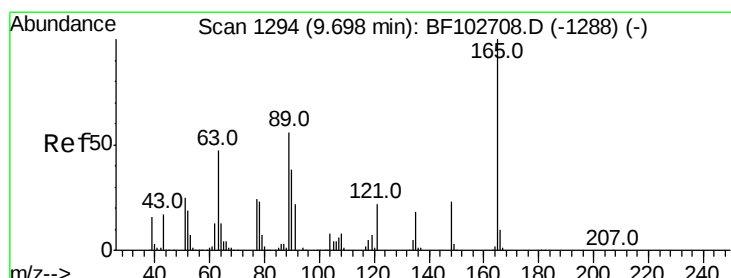
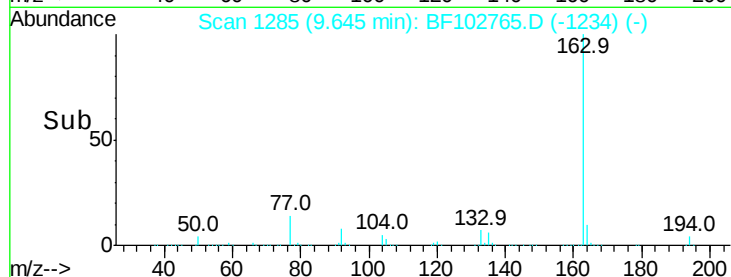
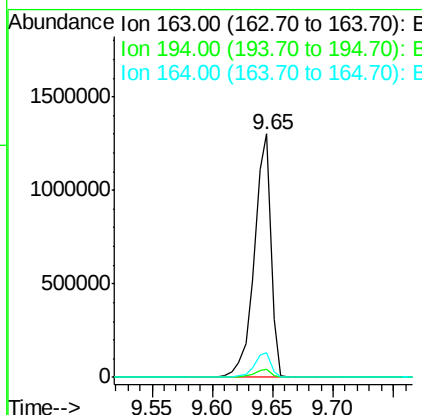
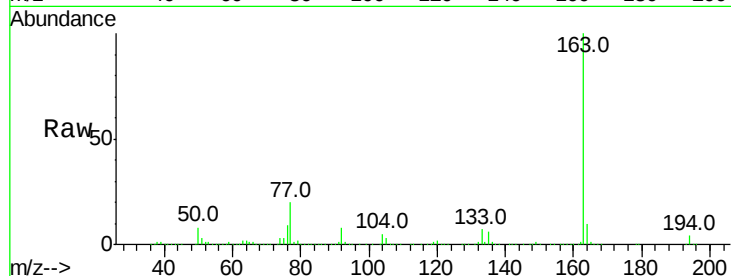
#49
Dimethylphthalate
Concen: 41.804 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2

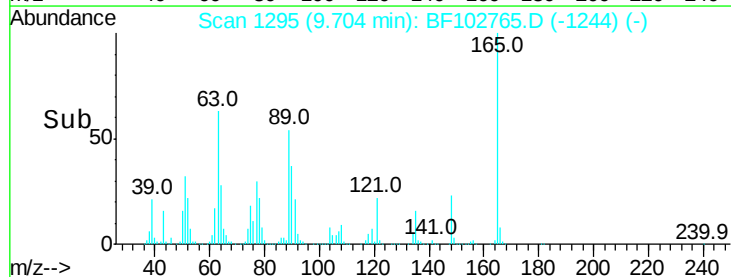
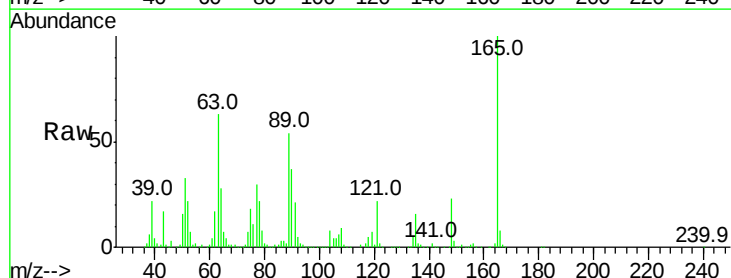
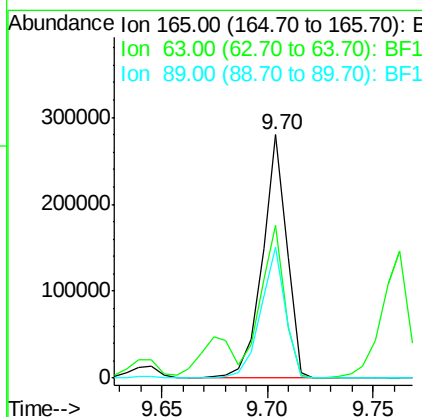
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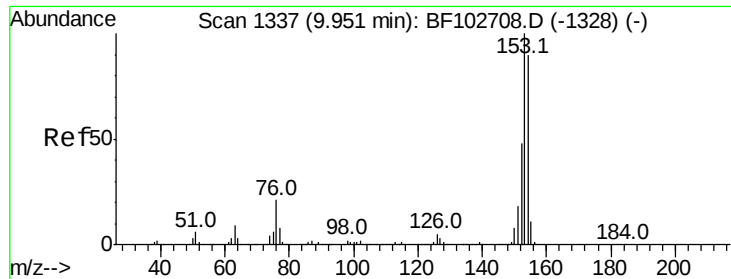
Sohil
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#50
2,6-Dinitrotoluene
Concen: 39.500 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.8	44.7	67.1
89	53.9	44.0	66.0





#51

Acenaphthene

Concen: 34.032 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

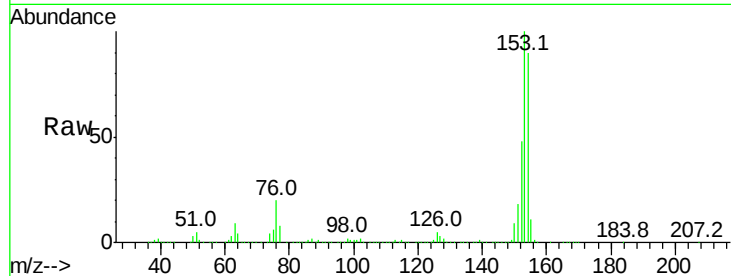
ClientSampleId :

8-SAN-5-EW(0-4)MS

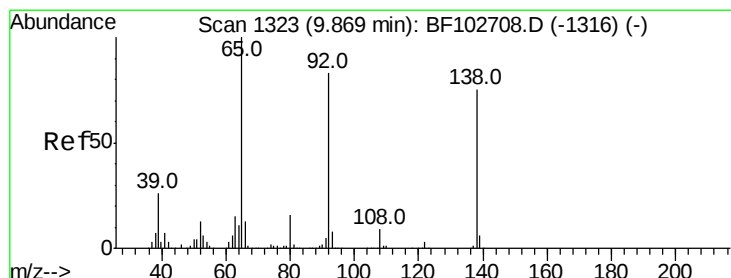
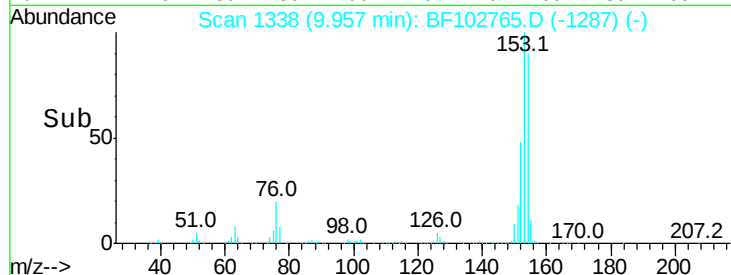
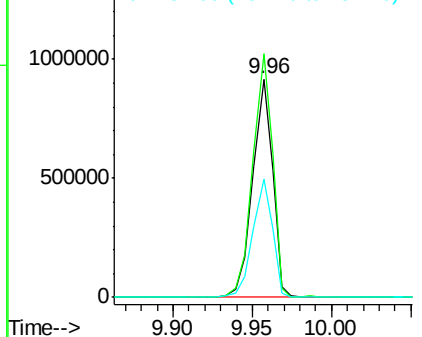
Tot Ion:	154	Resp:	804095
Ion Ratio	Lower	Upper	
154	100		
153	111.7	91.2	136.8
152	54.1	43.8	65.8

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



#52

3-Nitroaniline

Concen: 30.150 ng

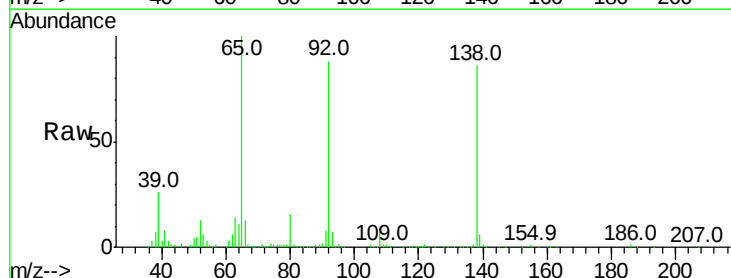
RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

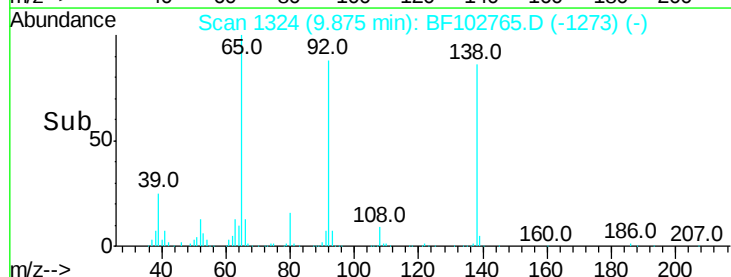
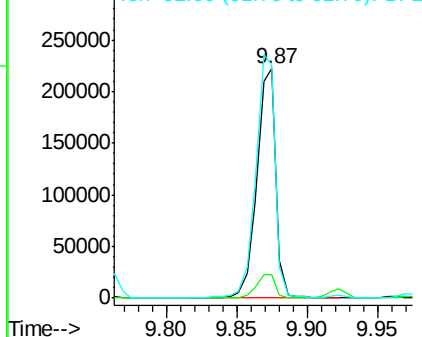
Lab File: BF102765.D

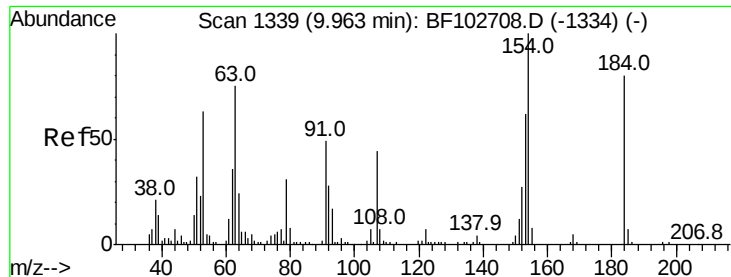
Acq: 6 Feb 2018 4:24

Tgt Ion:	138	Resp:	211120
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	101.9	89.4	134.2



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





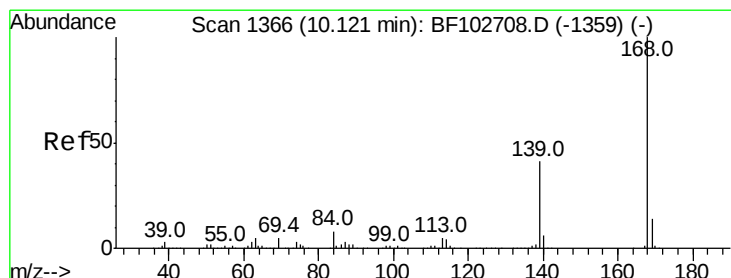
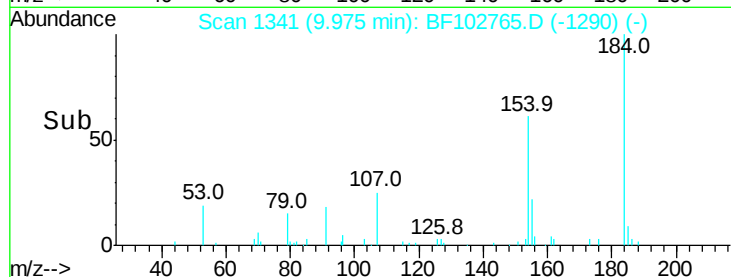
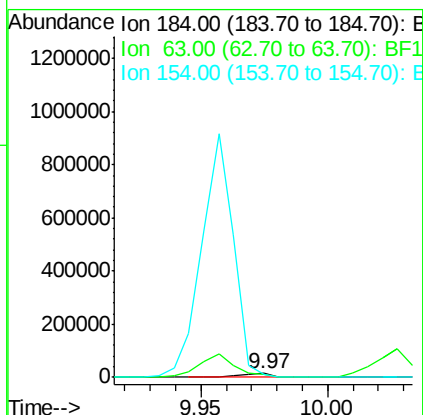
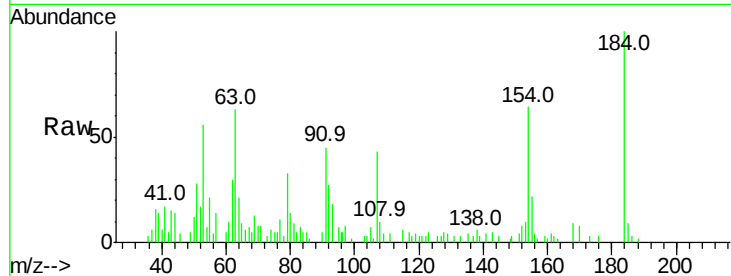
#53
 2,4-Dinitrophenol
 Concen: 19.167 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.1	54.2	81.2
154	64.5	184.0	276.0#

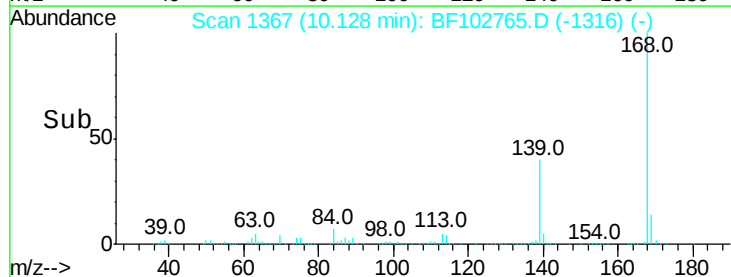
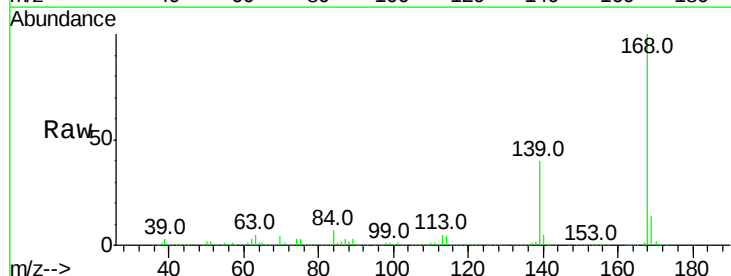
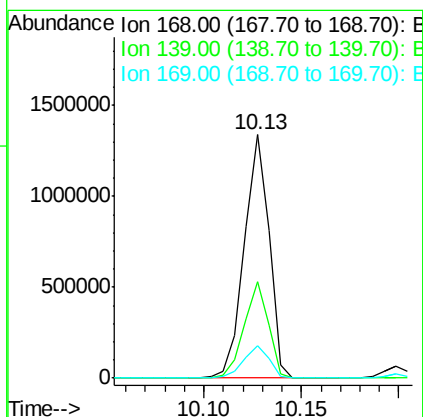
Manual Integrations
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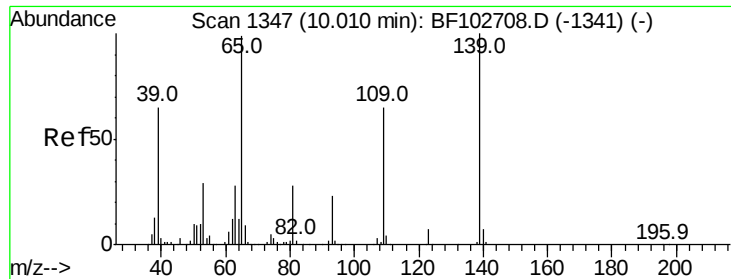
Sohil
 2/6/2018 2:26:20 PM



#54
 Dibenzofuran
 Concen: 35.429 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	13.5	10.9	16.3





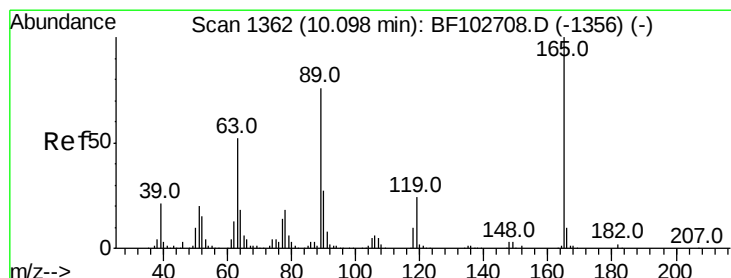
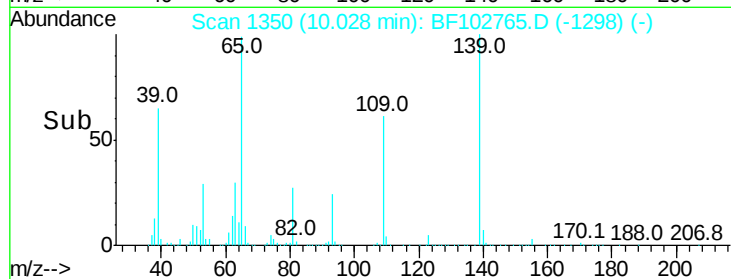
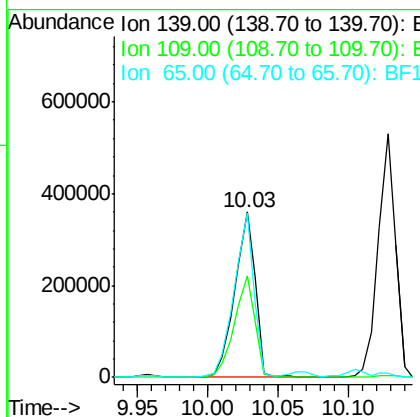
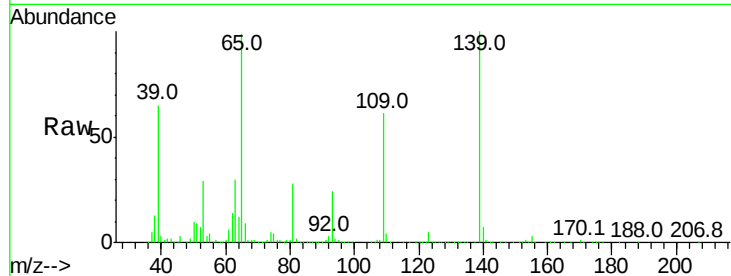
#55
4-Nitrophenol
Concen: 64.049 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.2	48.4	88.4	
65	99.4	72.6	112.6	

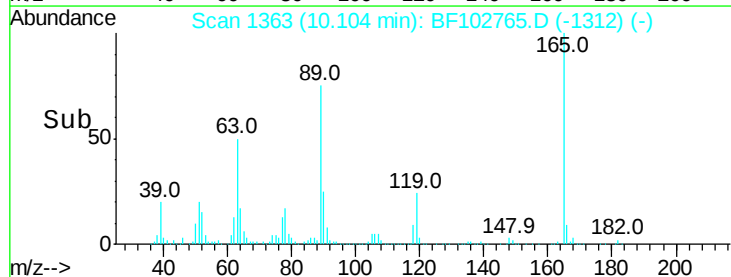
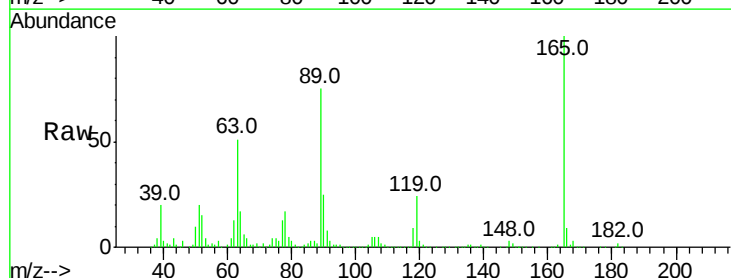
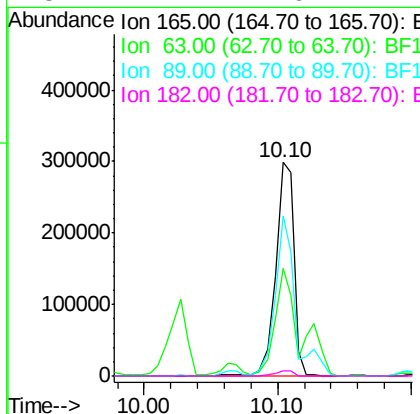
Manual Integrations
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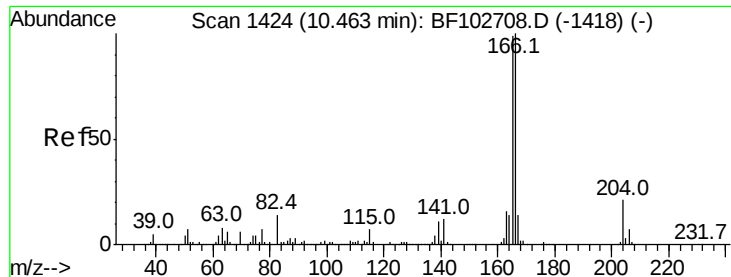
Sohil
2/6/2018 2:26:20 PM



#56
2,4-Dinitrotoluene
Concen: 38.390 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.6	36.4	54.6	
89	74.7	57.8	86.6	
182	2.2	1.6	2.4	





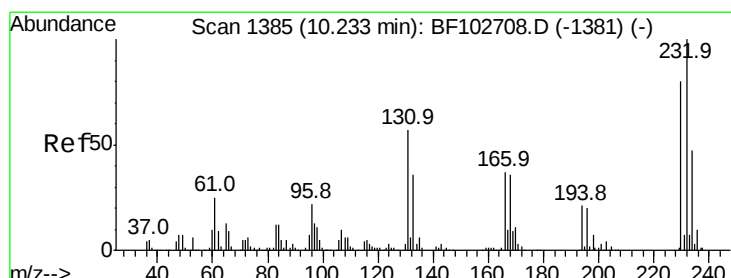
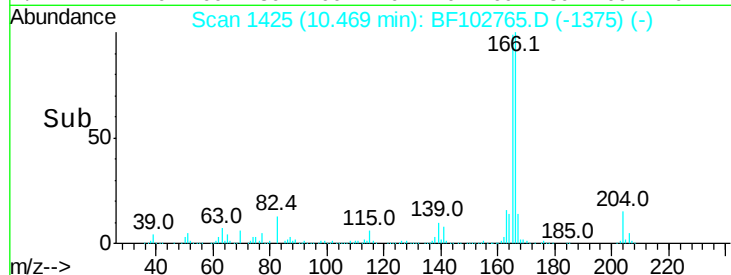
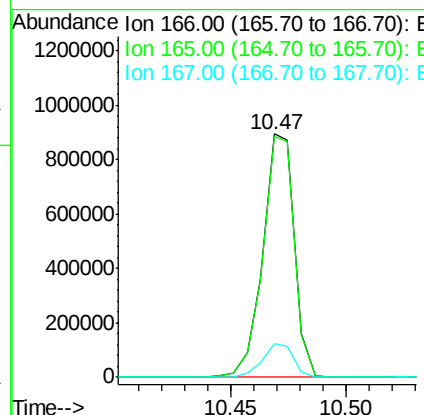
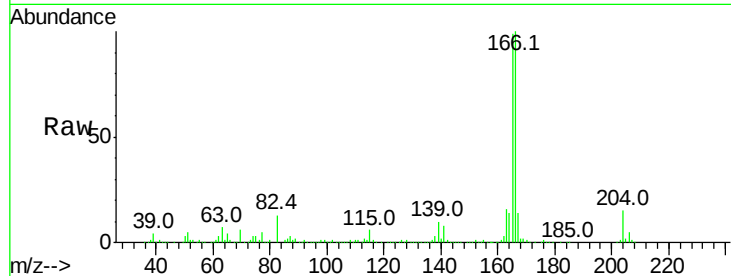
#57
 Fluorene
 Concen: 35.102 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.8	119.8	
167	13.7	10.6	16.0	

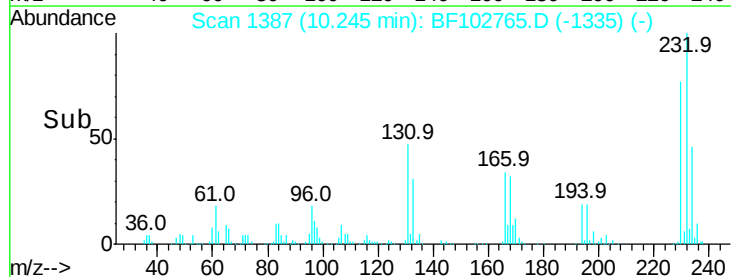
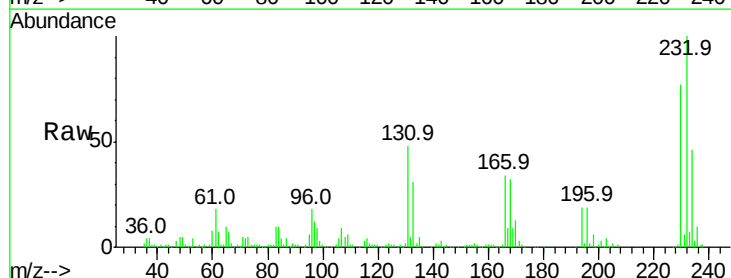
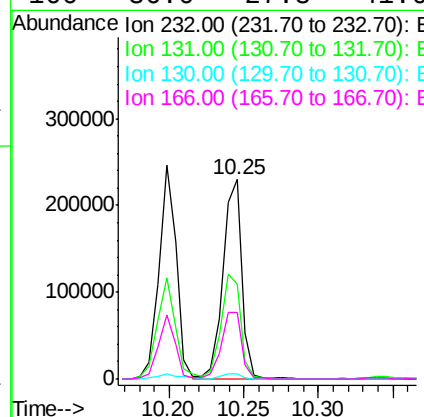
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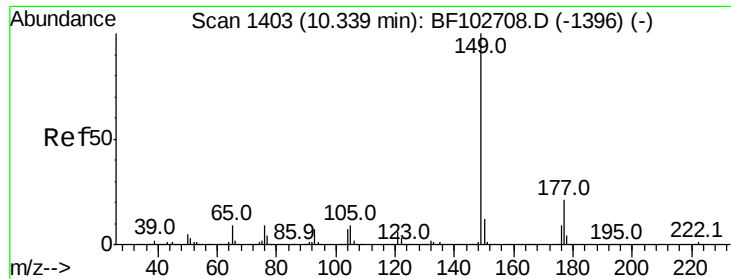
Sohil
 2/6/2018 2:26:20 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.436 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.6	43.8	65.8	
130	3.0	2.1	3.1	
166	36.0	27.8	41.6	





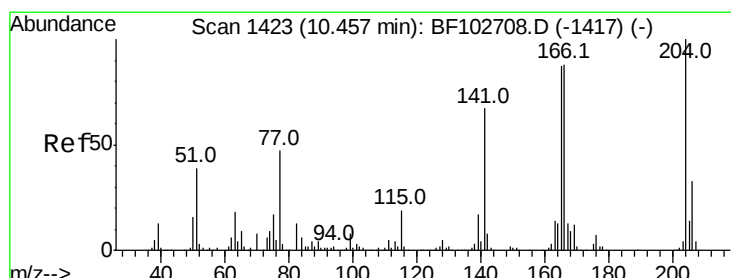
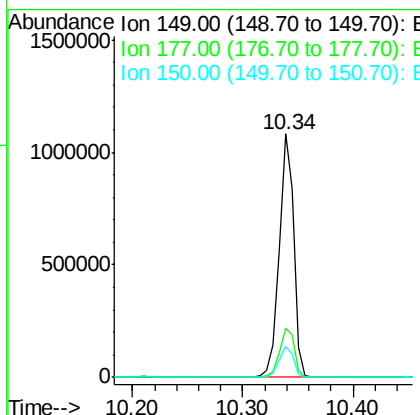
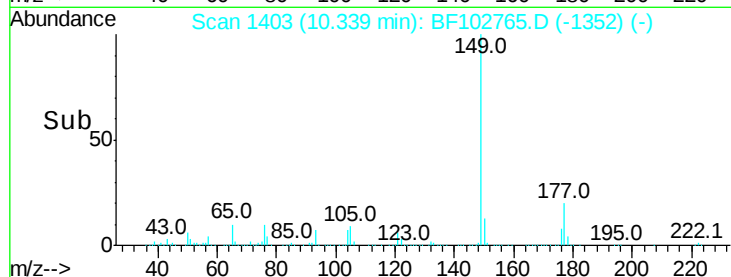
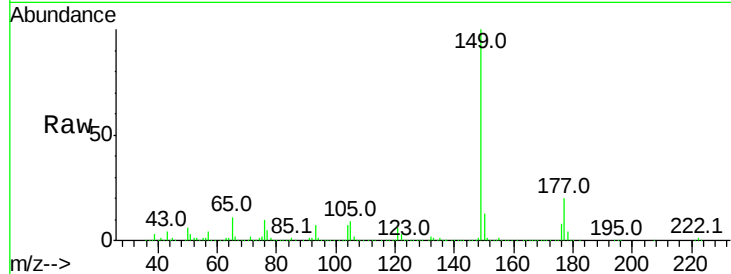
#59
Diethylphthalate
Concen: 33.713 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	995736		
177	20.2	16.1	24.1	
150	12.6	10.1	15.1	

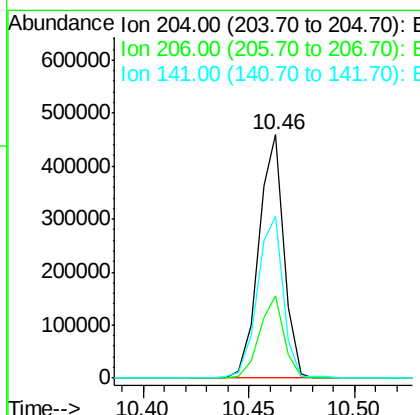
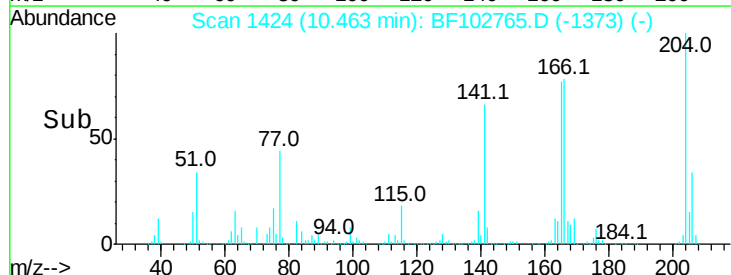
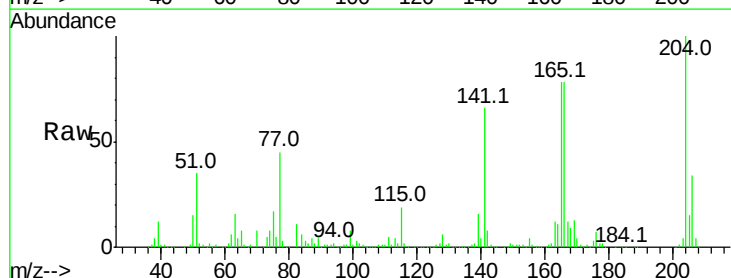
Manual Integrations
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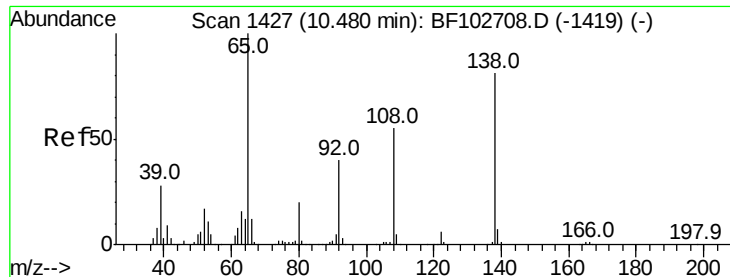
Sohil
2/6/2018 2:26:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.461 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	380040		
206	33.8	26.5	39.7	
141	66.2	54.6	81.8	





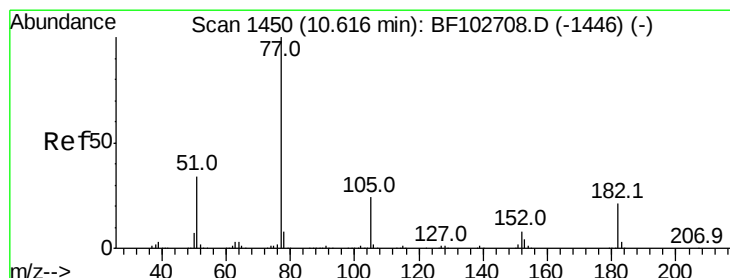
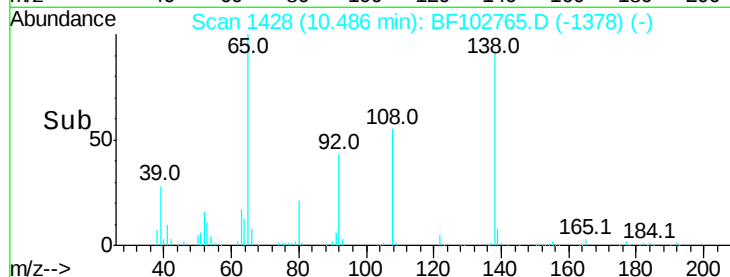
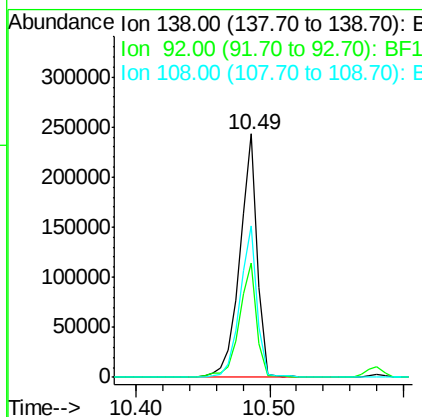
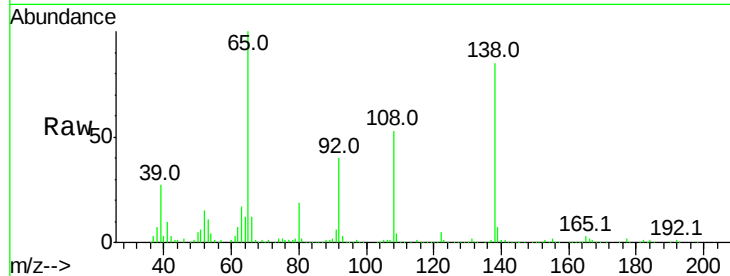
#61
4-Nitroaniline
Concen: 33.241 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	221557		
92	46.7	30.2	70.2	
108	62.1	52.5	92.5	

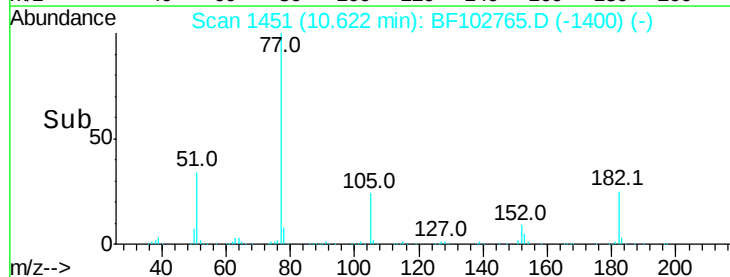
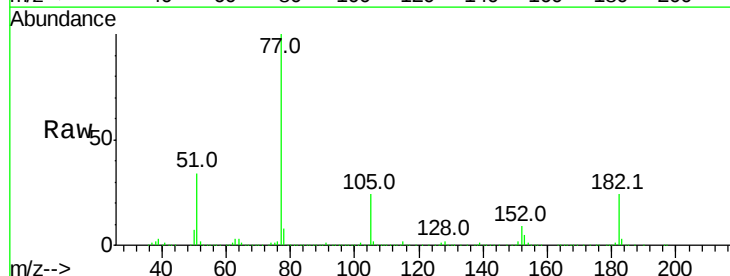
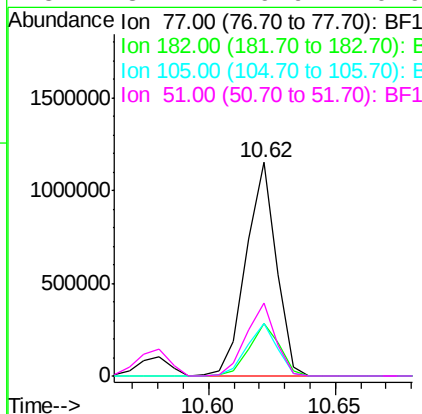
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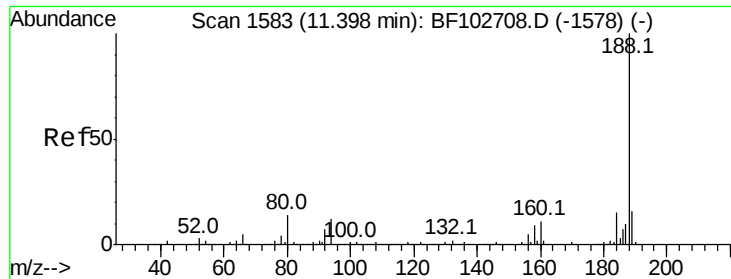
Sohil
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#62
Azobenzene
Concen: 32.311 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	953373		
182	24.4	1.7	41.7	
105	24.4	3.0	43.0	
51	34.2	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: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

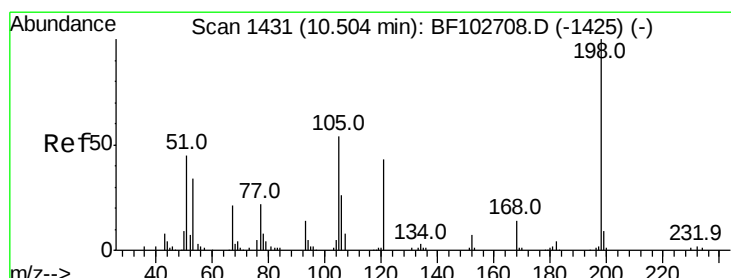
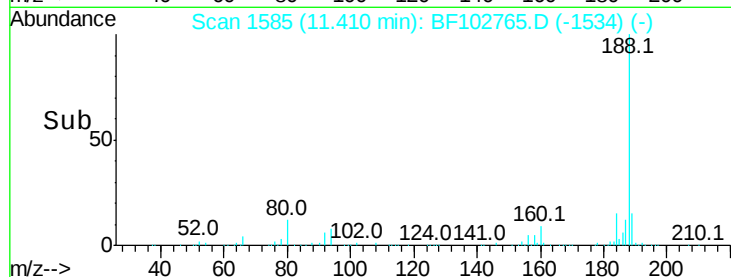
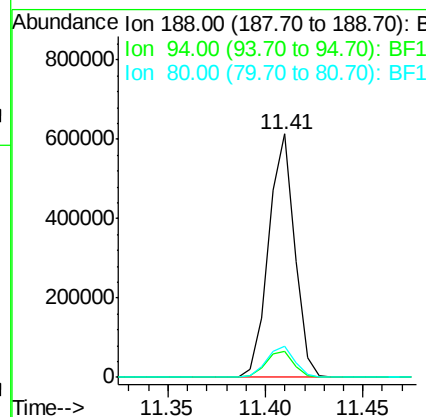
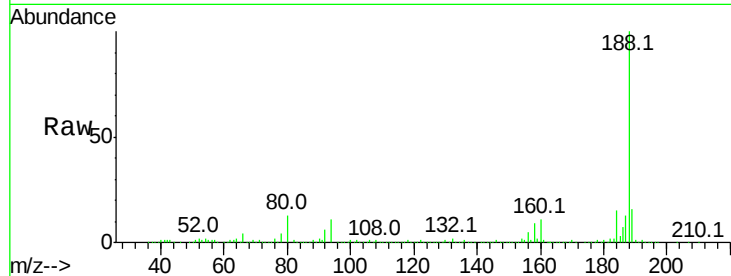
ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:	188	Resp:	566086
Ion Ratio	Lower	Upper	
188	100		
94	10.8	8.5	12.7
80	12.9	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 16.825 ng

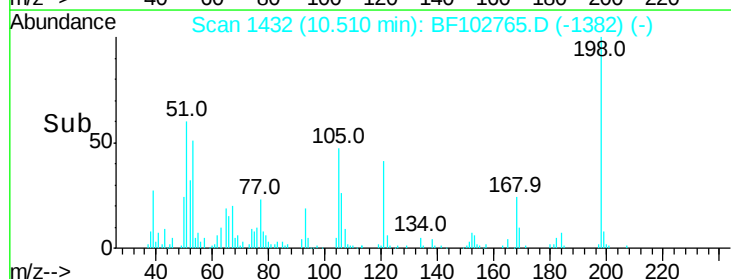
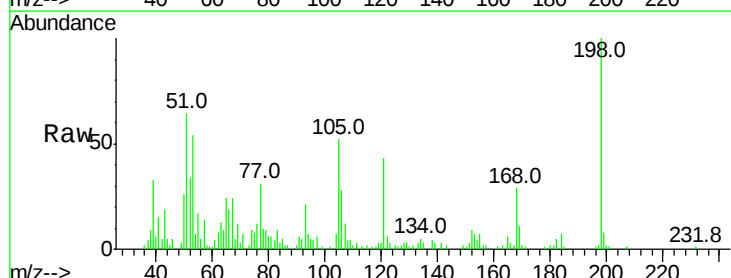
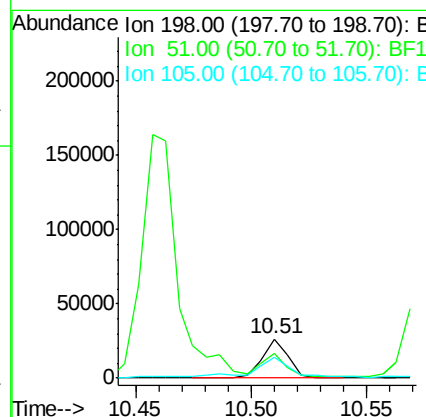
RT: 10.51 min Scan# 1432

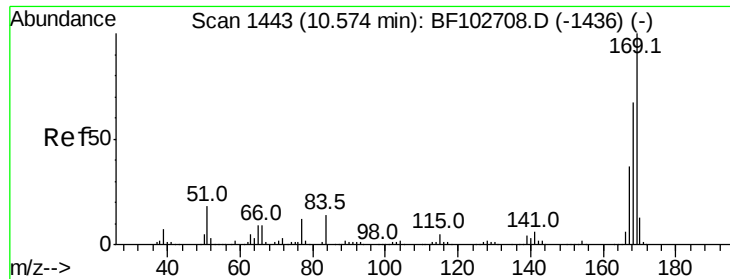
Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:	198	Resp:	20976
Ion Ratio	Lower	Upper	
198	100		
51	64.1	37.7	77.7
105	52.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.787 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

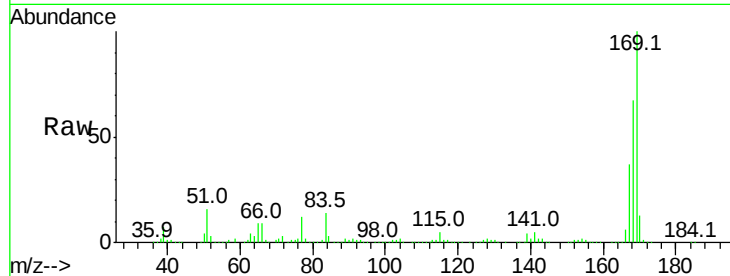
ClientSampleId :

8-SAN-5-EW(0-4)MS

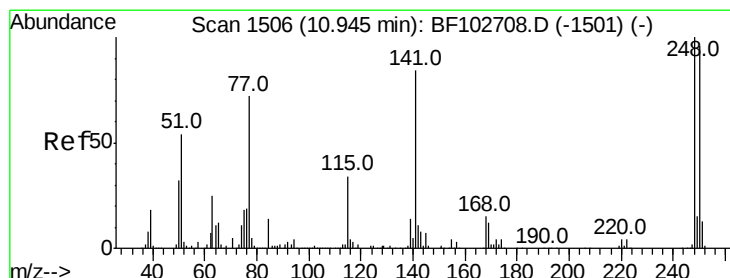
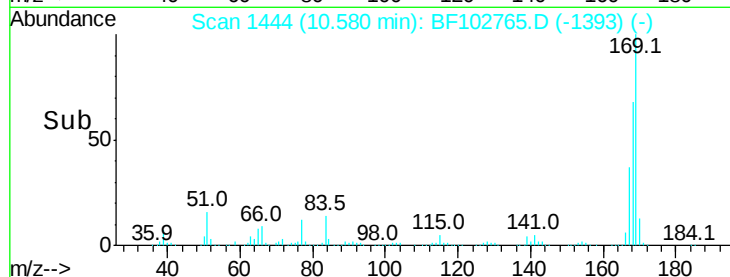
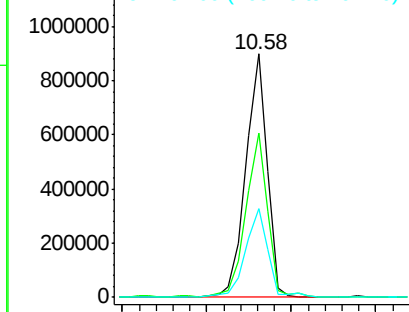
Tot Ion:	169	Resp:	794440
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.4	81.6
167	36.7	29.8	44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.452 ng

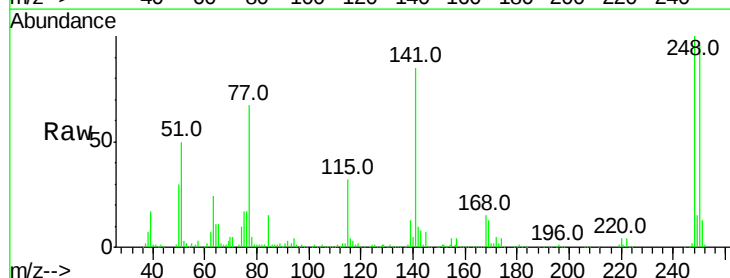
RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

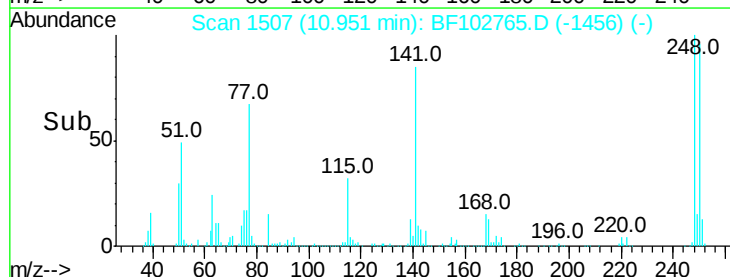
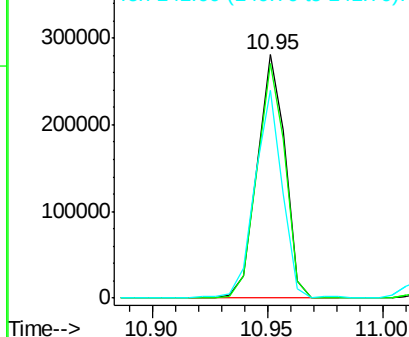
Lab File: BF102765.D

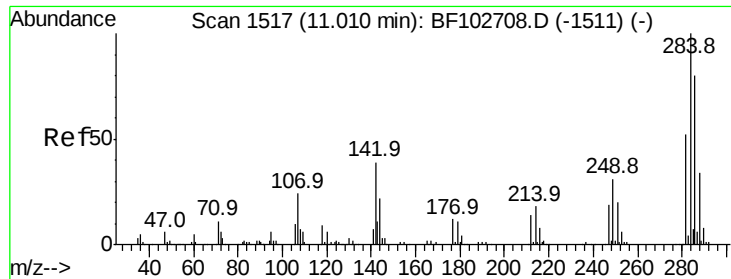
Acq: 6 Feb 2018 4:24

Tgt Ion:	248	Resp:	236242
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.9	115.3
141	85.3	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





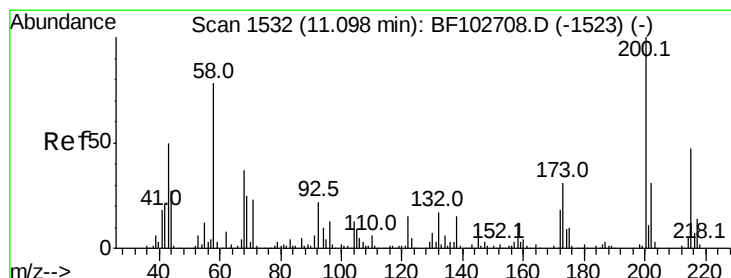
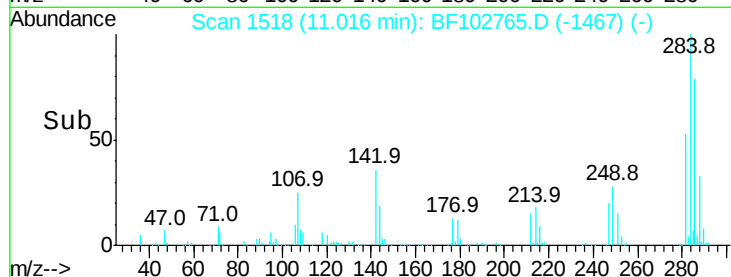
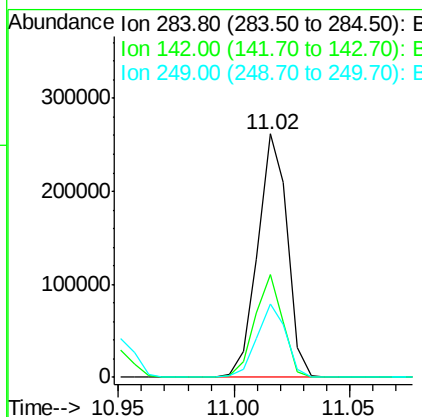
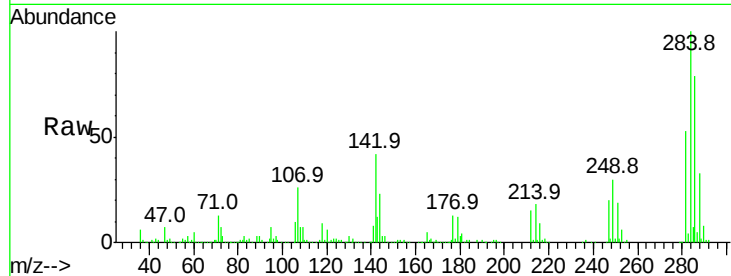
#67
Hexachlorobenzene
Concen: 35.402 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.0	34.6	52.0	
249	30.3	24.8	37.2	

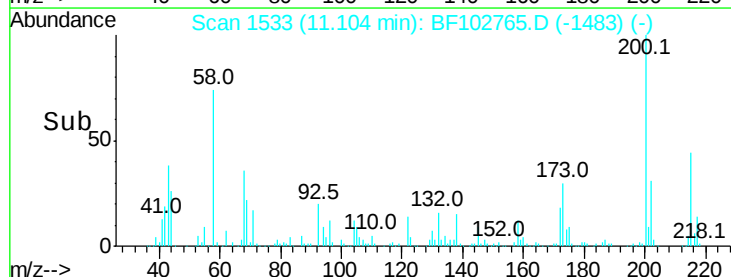
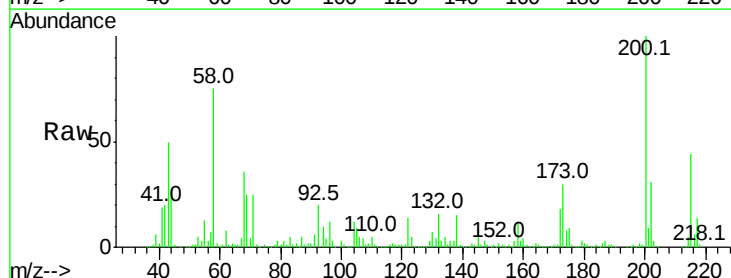
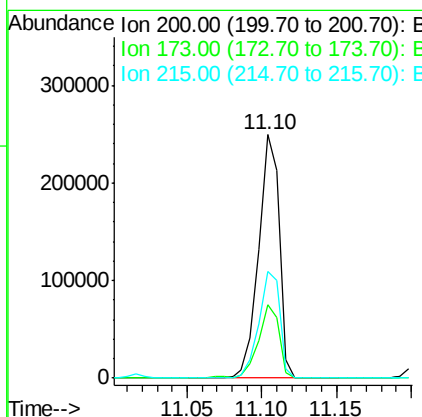
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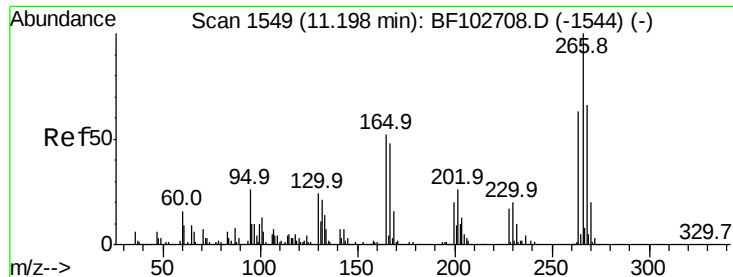
Sohil
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#68
Atrazine
Concen: 39.954 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.0	8.6	48.6	
215	43.9	25.1	65.1	





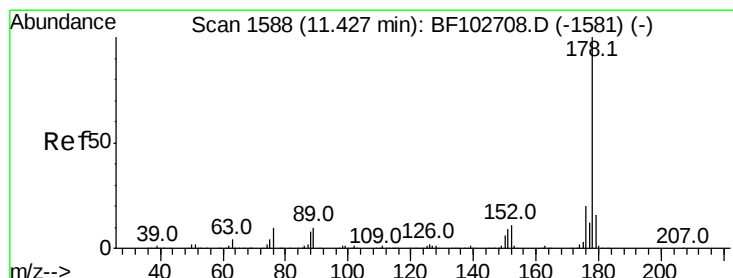
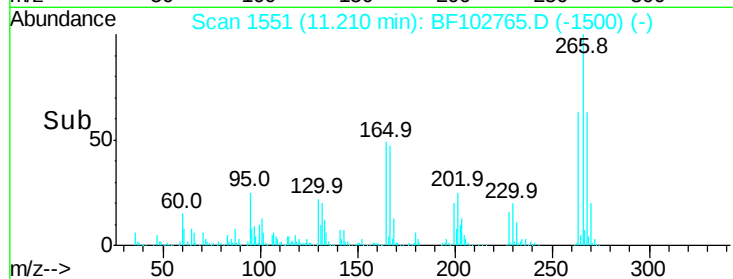
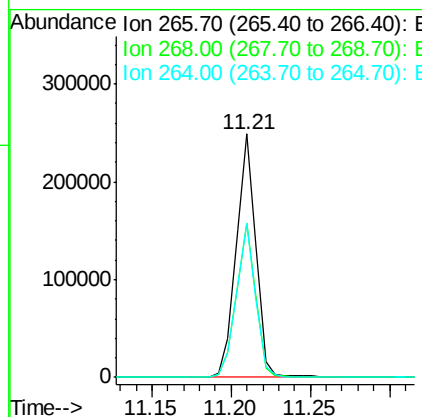
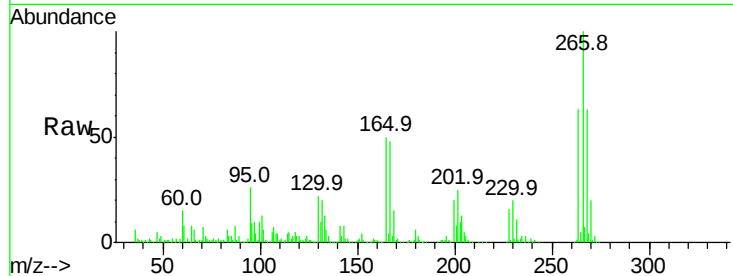
#69
 Pentachlorophenol
 Concen: 55.232 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	214182		
268	63.3	51.1	76.7	
264	63.1	49.5	74.3	

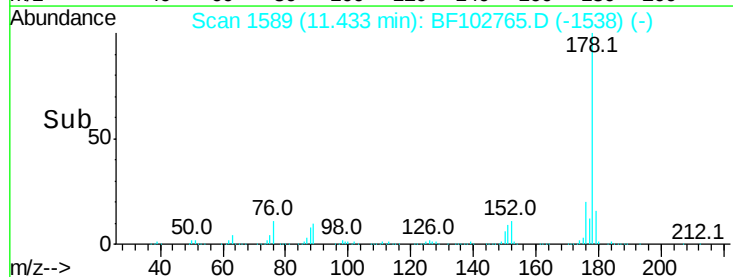
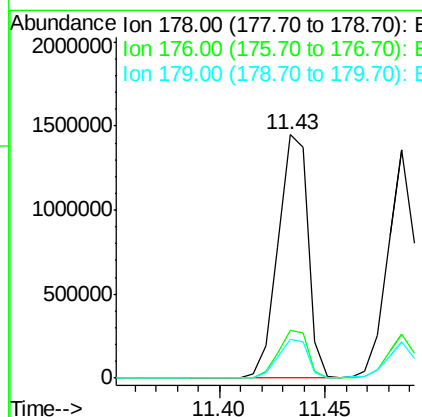
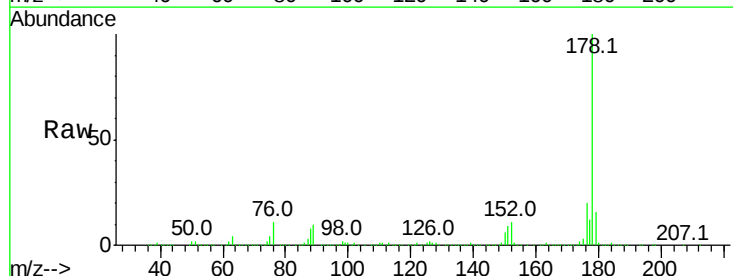
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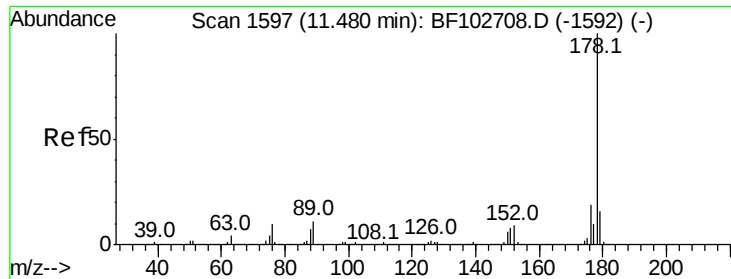
Sohil
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#70
 Phenanthrene
 Concen: 45.273 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1427333		
176	19.9	15.8	23.8	
179	16.1	13.0	19.6	





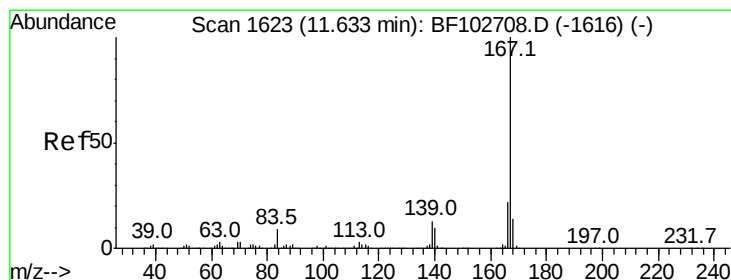
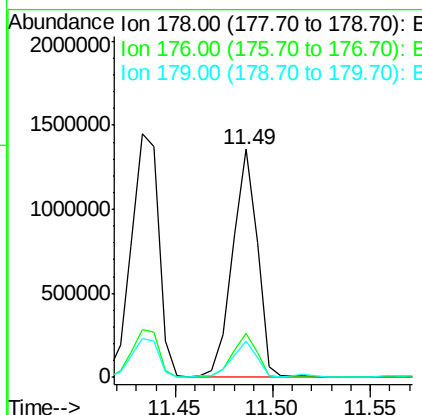
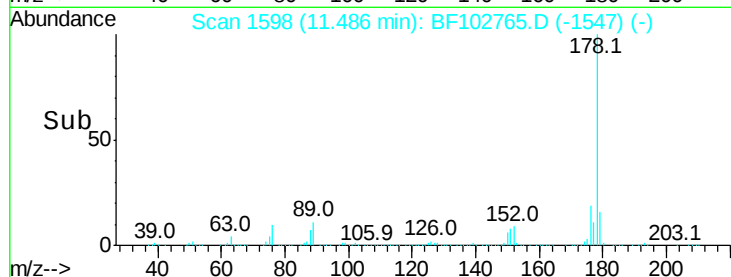
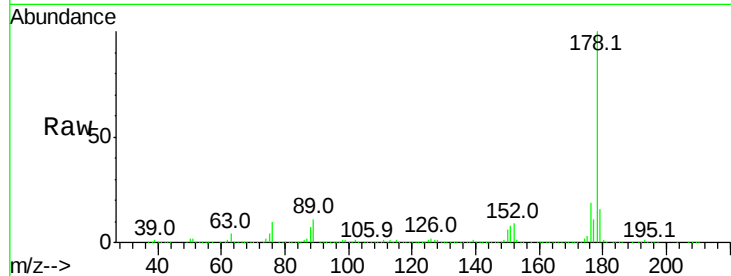
#71
 Anthracene
 Concen: 37.249 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion:178 Resp: 1194423
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0

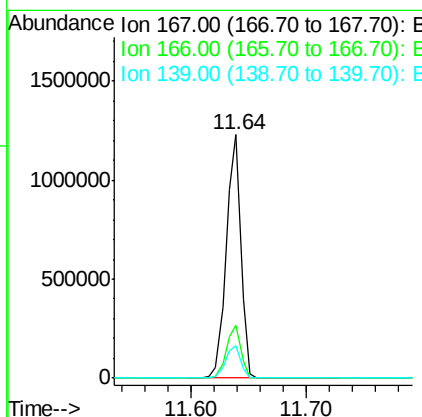
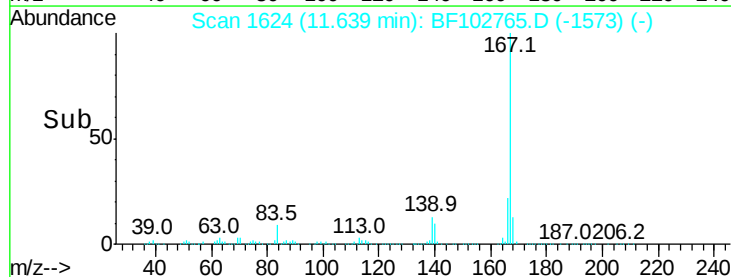
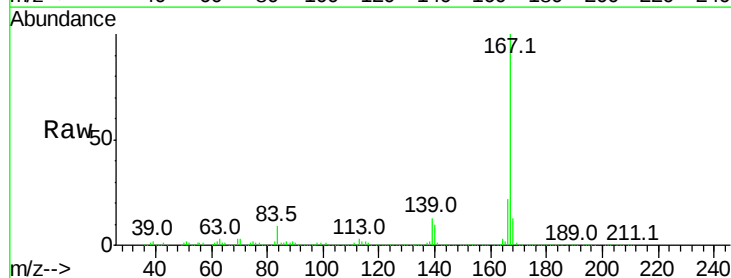
Manual Integrations
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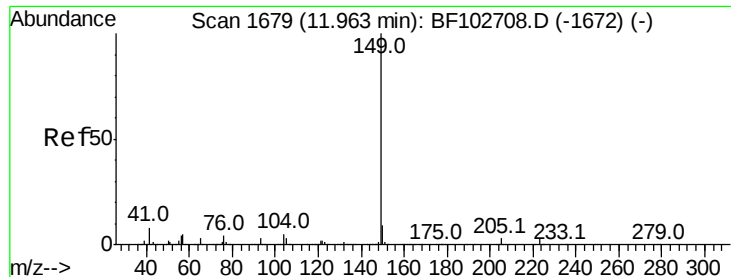
Sohil
 2/6/2018 2:26:20 PM



#72
 Carbazole
 Concen: 34.147 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion:167 Resp: 1072738
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.3 10.9 16.3





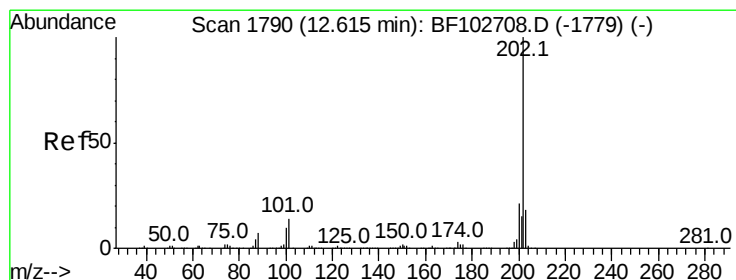
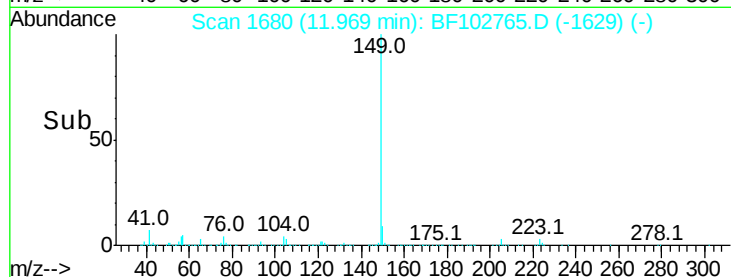
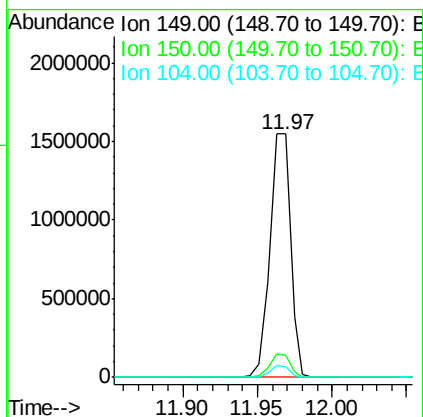
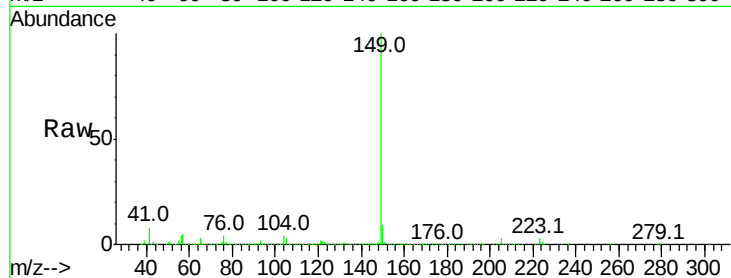
#73
Di-n-butylphthalate
Concen: 38.752 ng
RT: 11.97 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.4	3.8	5.8

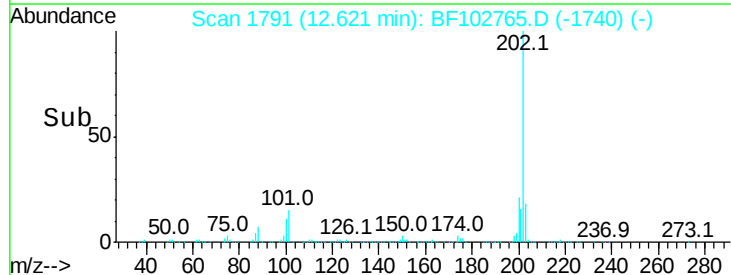
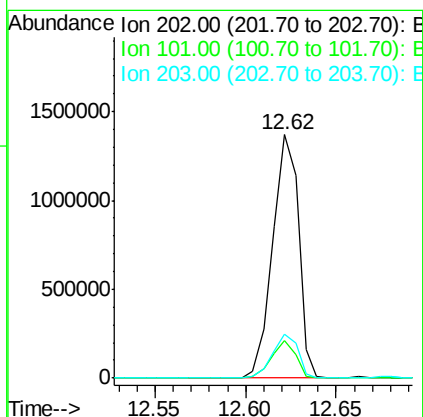
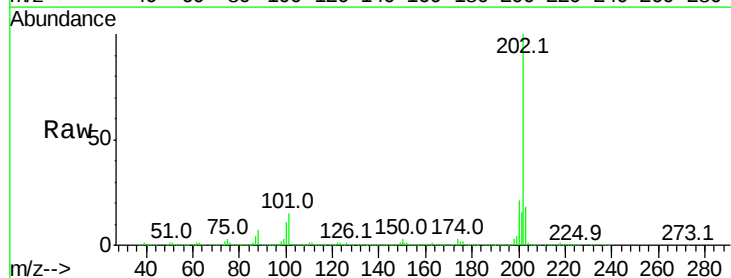
Manual Integrations
APPROVED

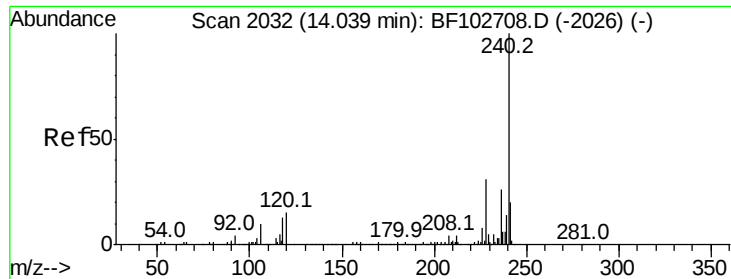
Sohil
2/6/2018 2:26:20 PM



#74
Fluoranthene
Concen: 42.844 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.1
203	18.3	0.0	38.1





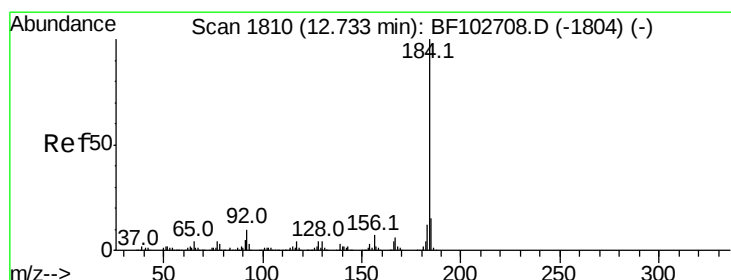
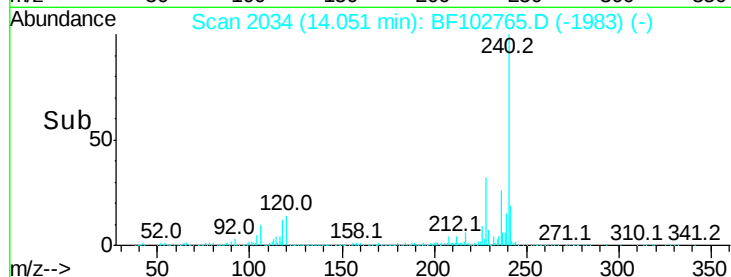
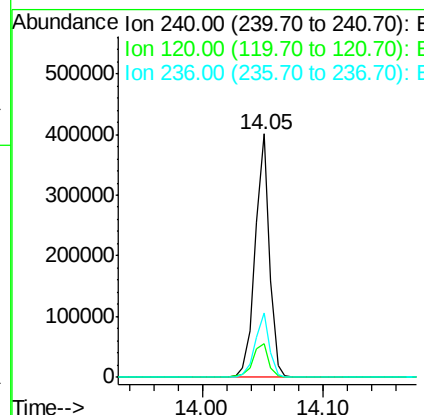
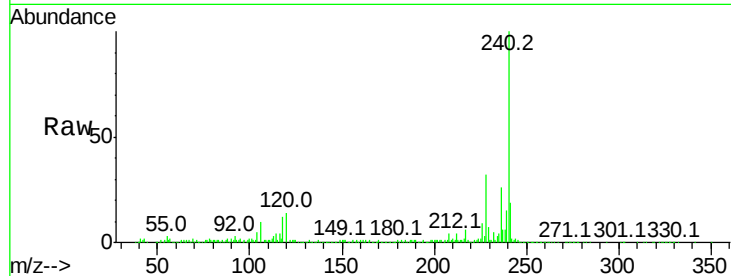
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.4	20.7	31.1

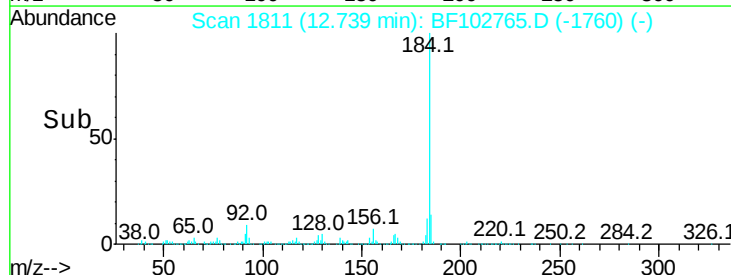
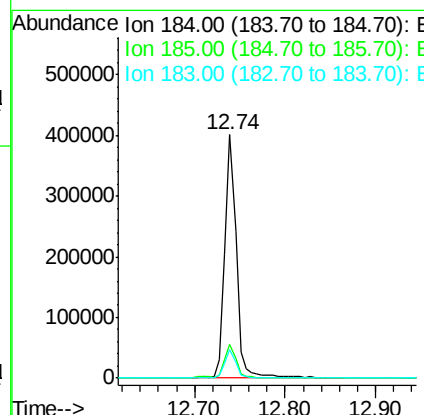
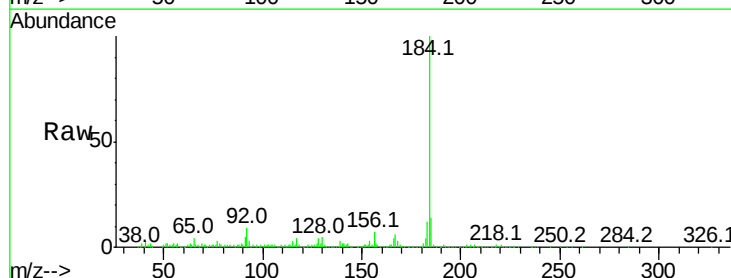
Manual Integrations
 APPROVED

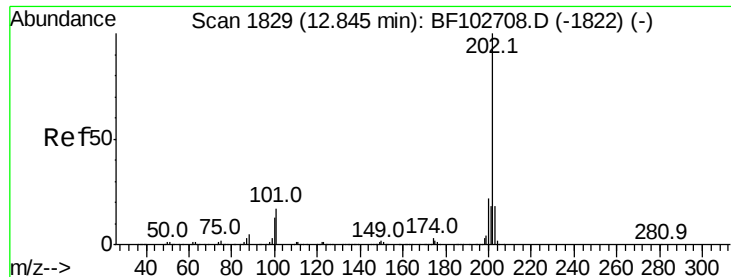
Sohil
 2/6/2018 2:26:20 PM



#76
 Benzidine
 Concen: 23.100 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.7	9.3	13.9





#77

Pvrene

Concen: 49.610 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:202 Resp: 1287696

Ion Ratio Lower Upper

202 100

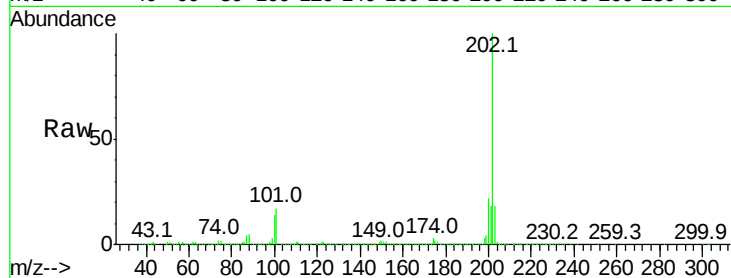
200 22.1 17.4 26.2

203 18.1 14.3 21.5

Manual Integrations
APPROVED

Sohil

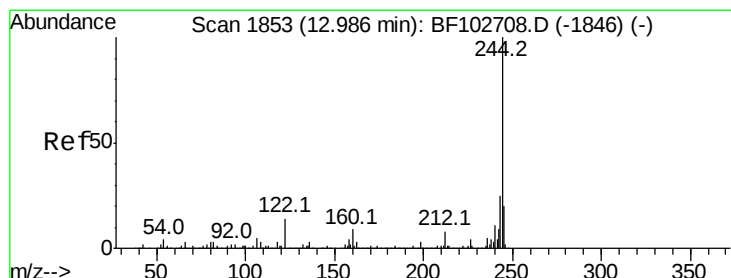
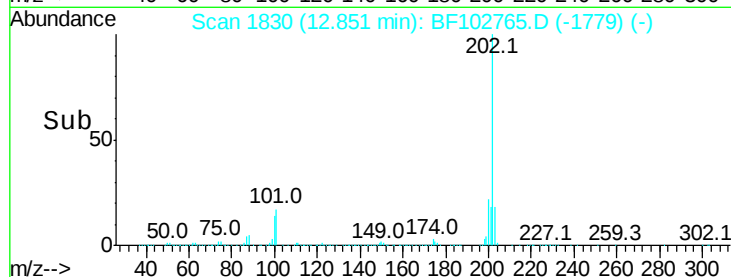
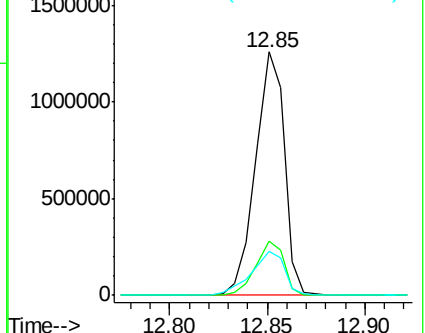
2/6/2018 2:26:20 PM



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: 74.446 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

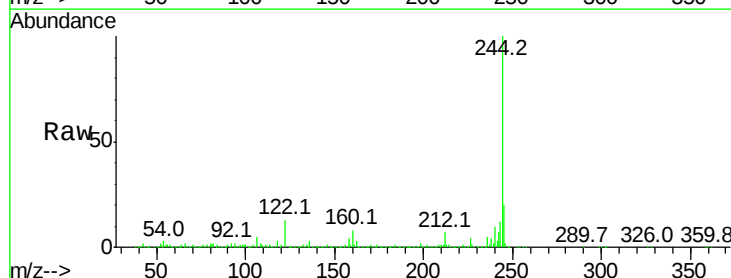
Tgt Ion:244 Resp: 1040745

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

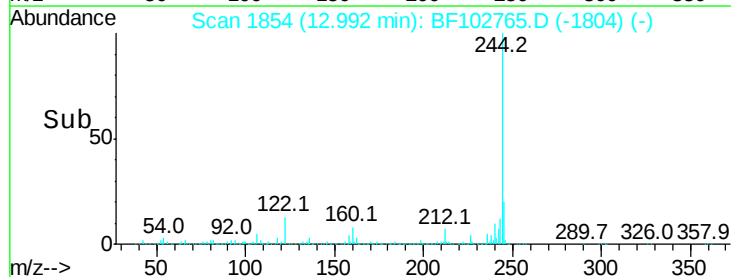
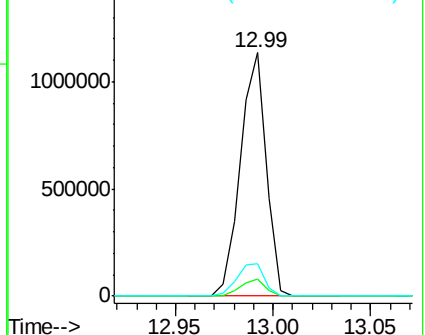
122 13.4 11.0 16.4

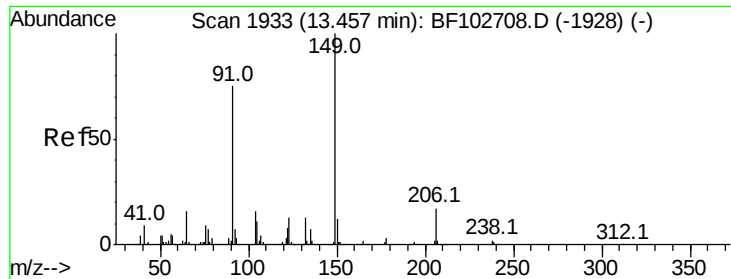


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





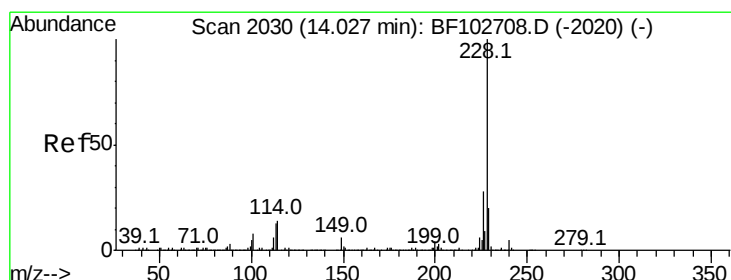
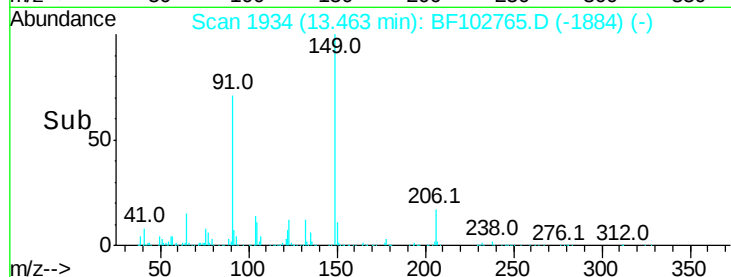
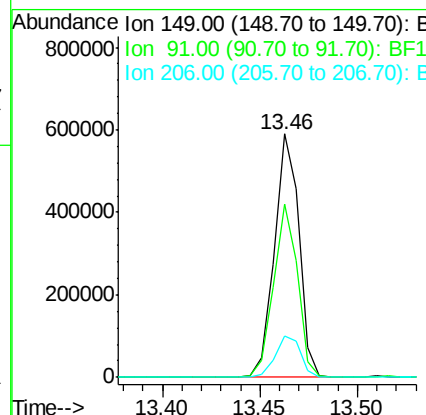
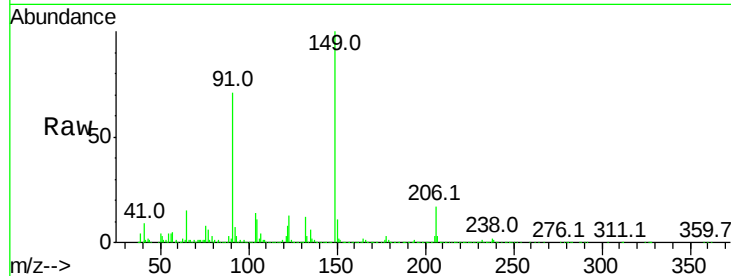
#79
Butylbenzylphthalate
Concen: 41.056 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	70.9	56.8	85.2
206	17.1	14.1	21.1

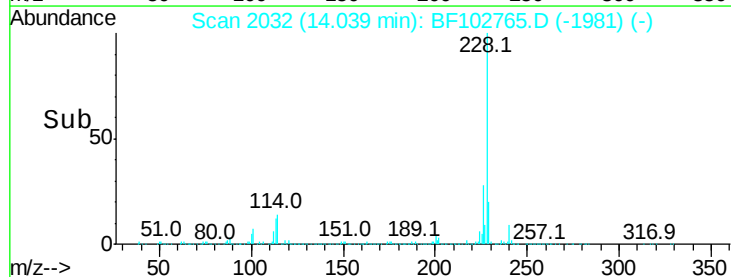
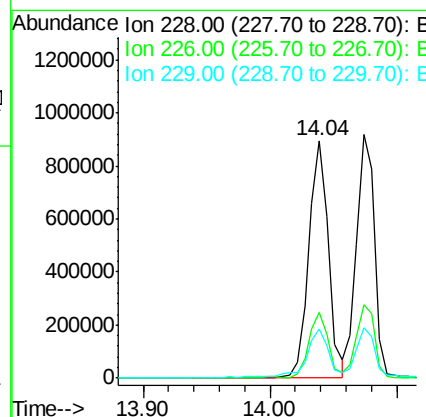
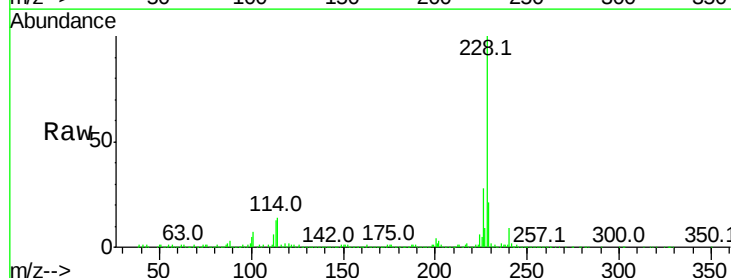
Manual Integrations
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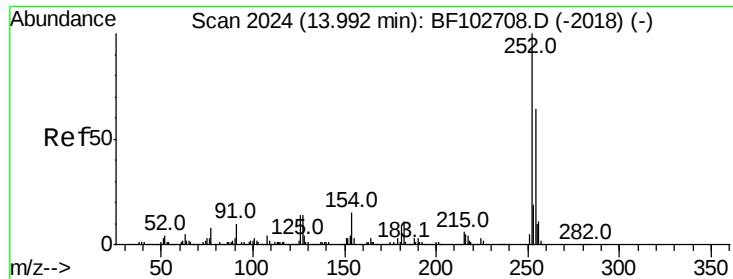
Sohil
2/6/2018 2:26:20 PM



#80
Benzo(a)anthracene
Concen: 46.073 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.7	15.8	23.6





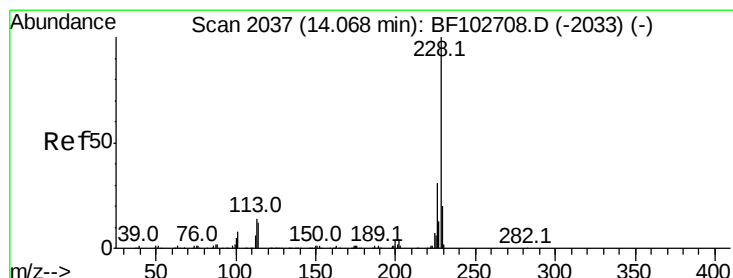
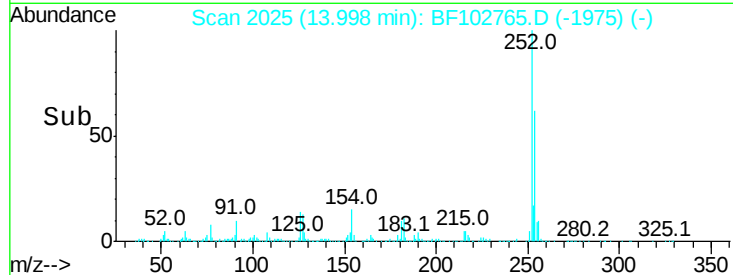
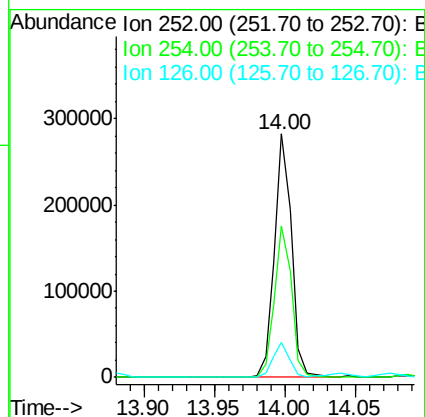
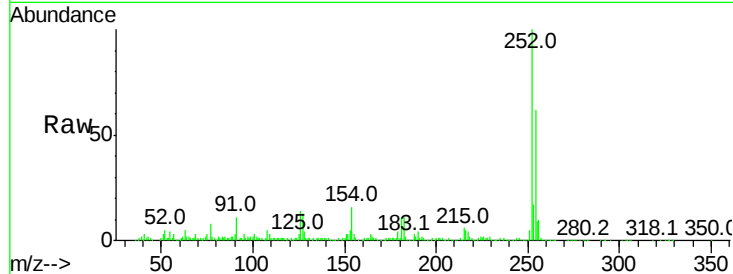
#81
 3,3'-Dichlorobenzidine
 Concen: 31.326 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.2	50.4	75.6
126	14.1	11.3	16.9

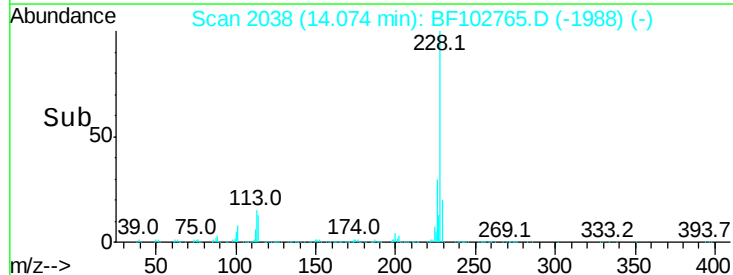
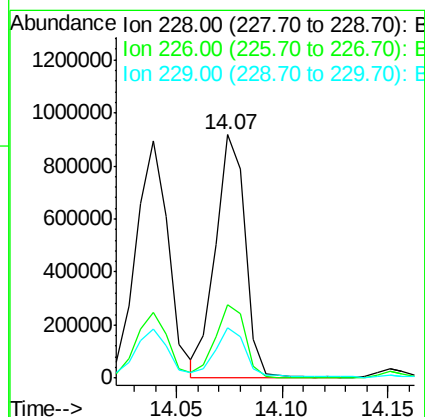
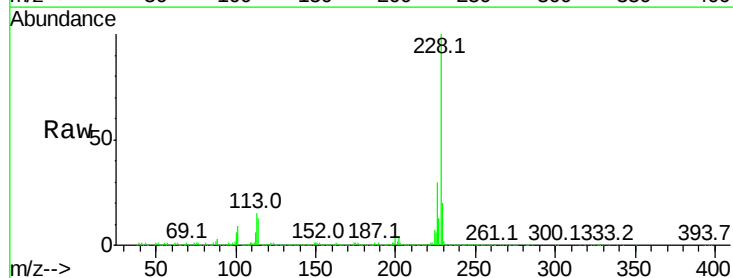
Manual Integrations
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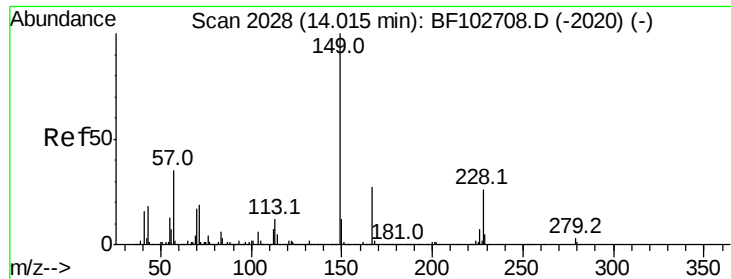
Sohil
 2/6/2018 2:26:20 PM



#82
 Chrysene
 Concen: 42.817 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.4	16.2	24.4





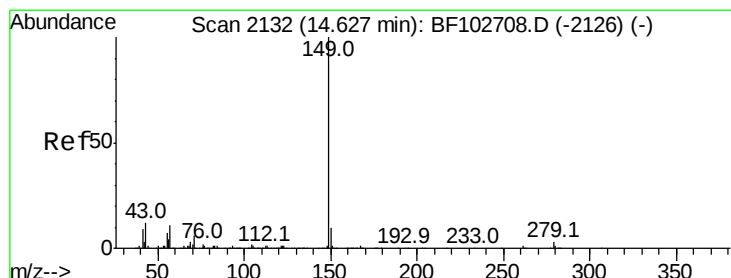
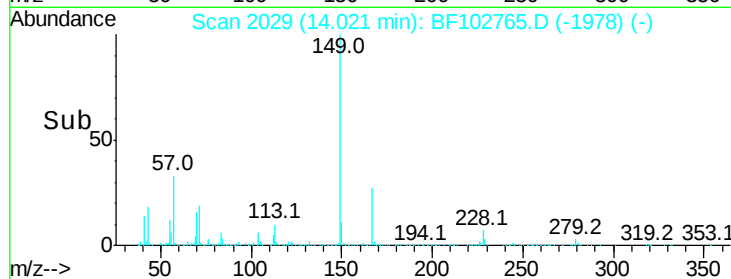
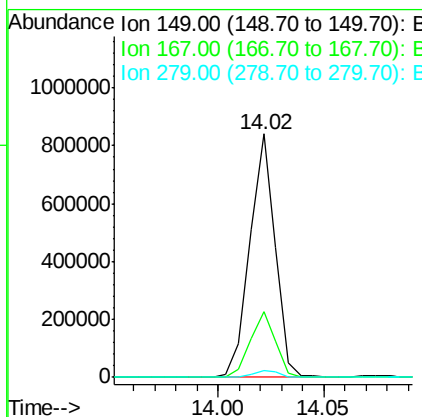
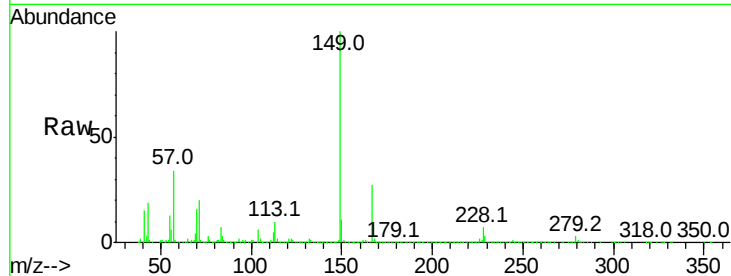
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.723 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.0	3.0	4.4

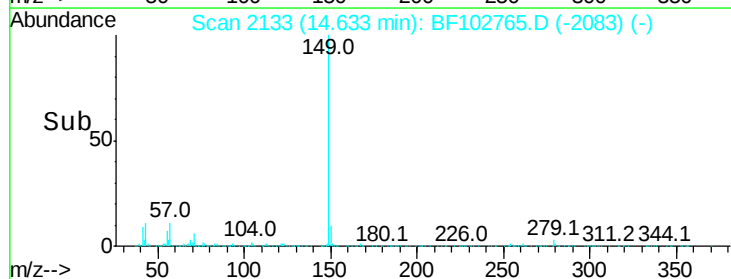
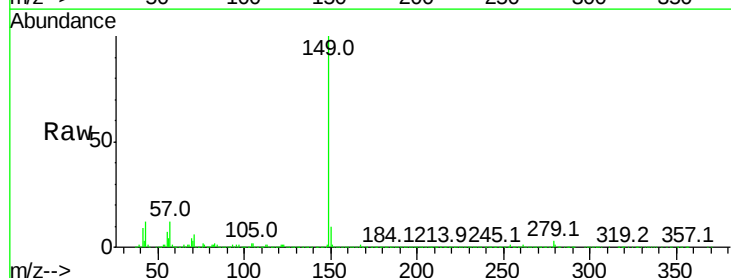
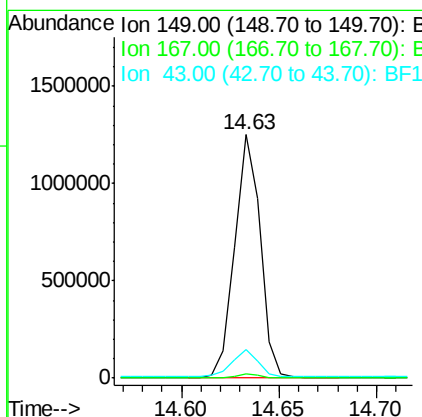
Manual Integrations
 APPROVED

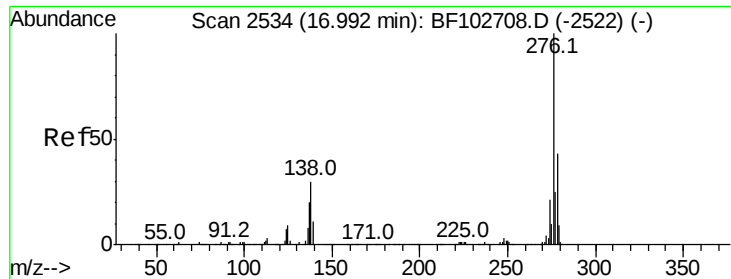
Sohil
 2/6/2018 2:26:20 PM



#84
 Di-n-octyl phthalate
 Concen: 47.271 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	8.4	12.6





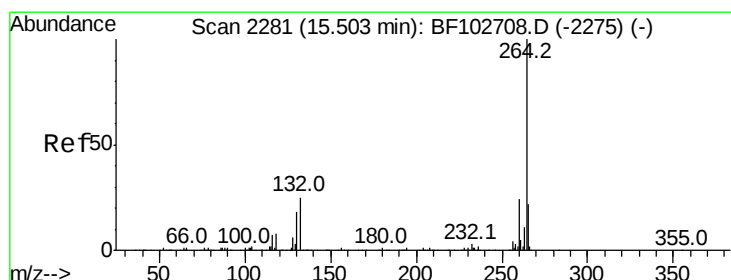
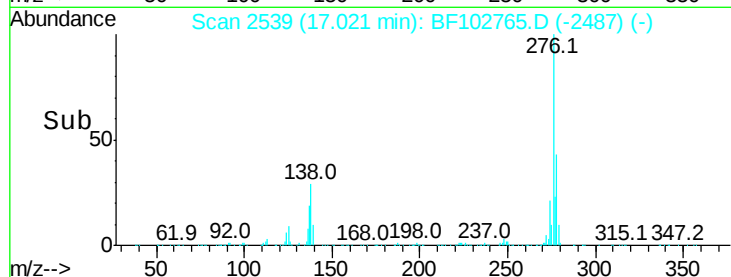
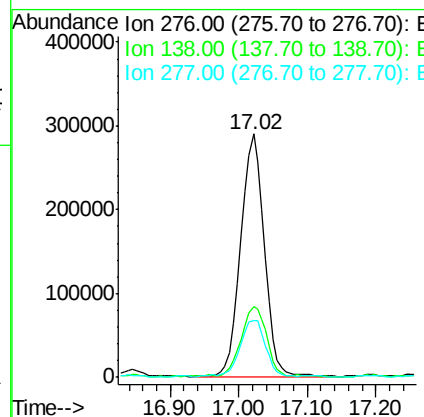
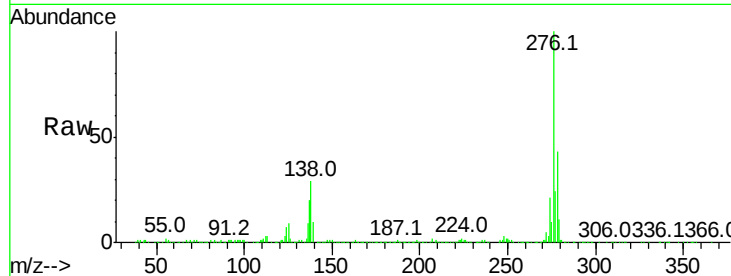
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.726 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	25.0	37.6
277	24.8	20.1	30.1

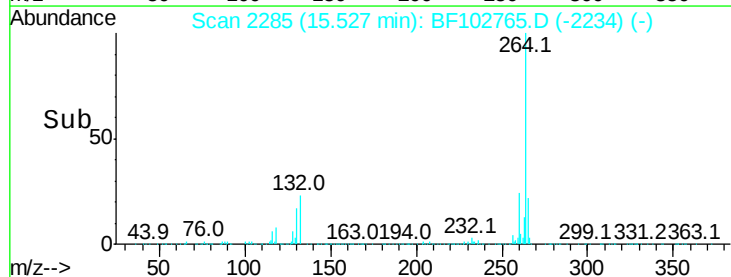
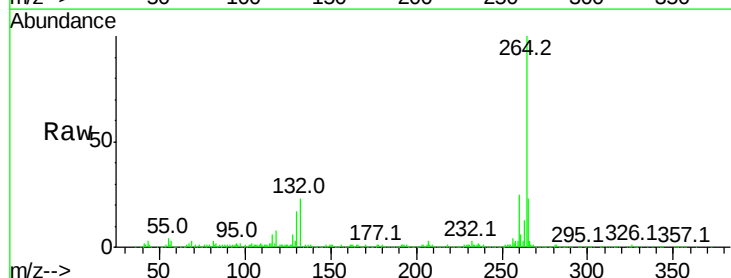
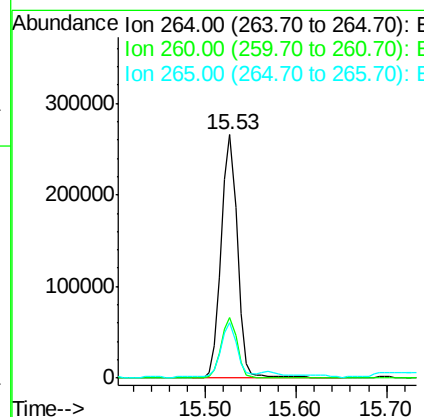
Manual Integrations
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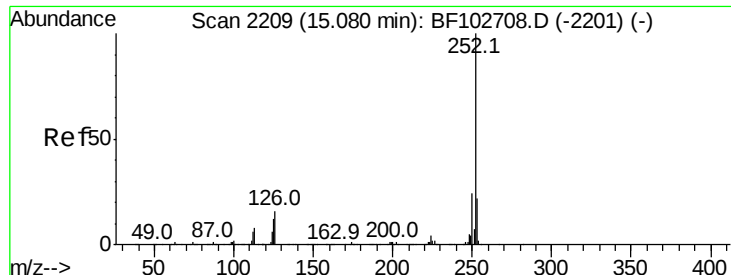
Sohil
2/6/2018 2:26:20 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.201 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

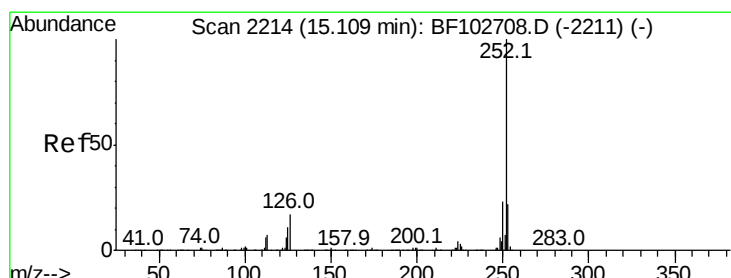
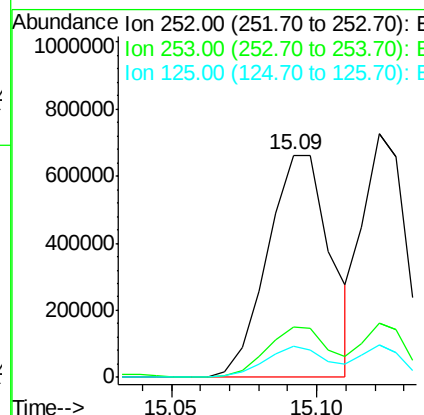
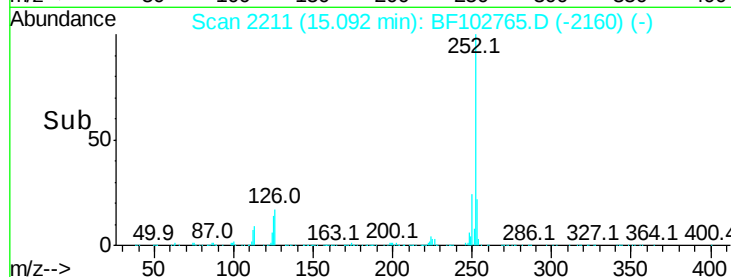
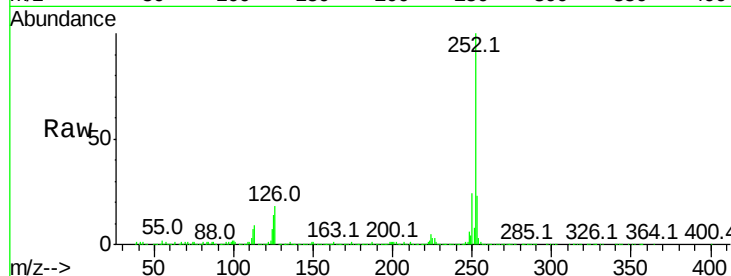
ClientSampleId :

8-SAN-5-EW(0-4)MS

Tot Ion:	252	Resp:	997166
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.6
125	14.1	9.0	13.6

Manual Integrations
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Sohil
2/6/2018 2:26:20 PM



#88

Benzo(k)fluoranthene

Concen: 37.248 ng

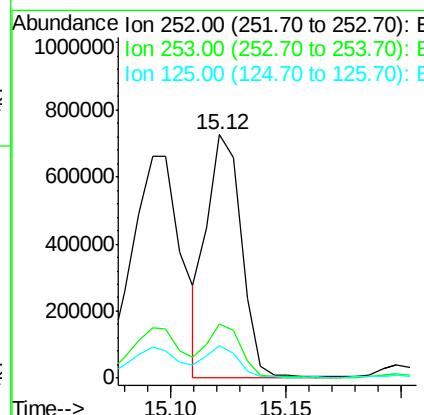
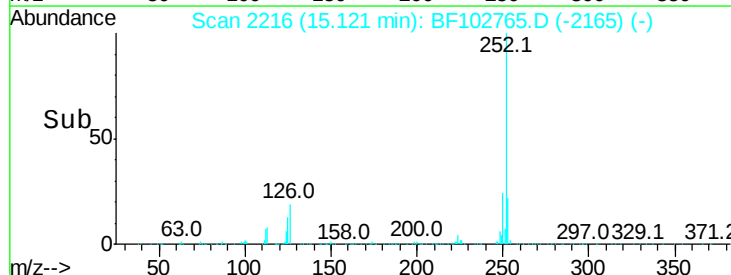
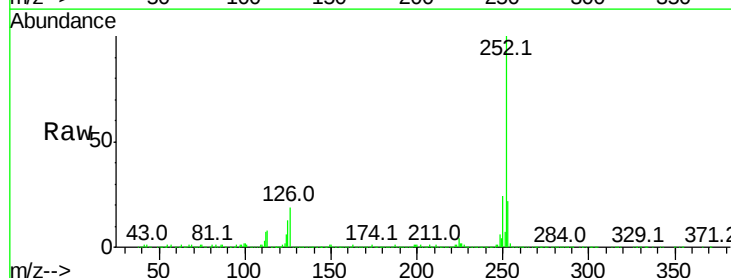
RT: 15.12 min Scan# 2216

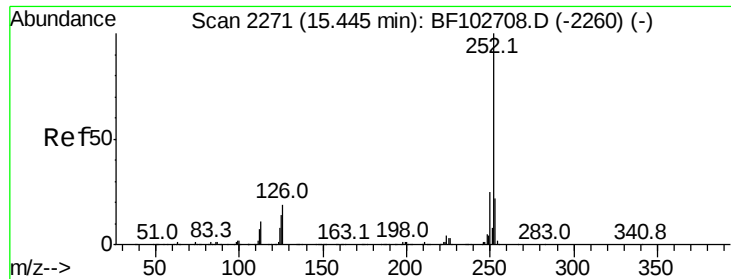
Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:	252	Resp:	751879
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	13.3	10.2	15.2





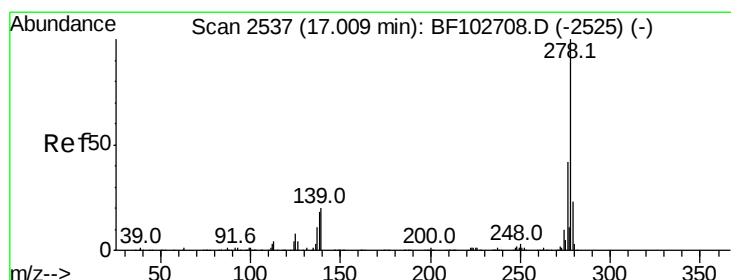
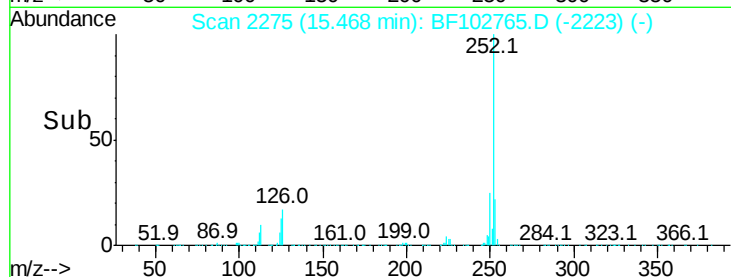
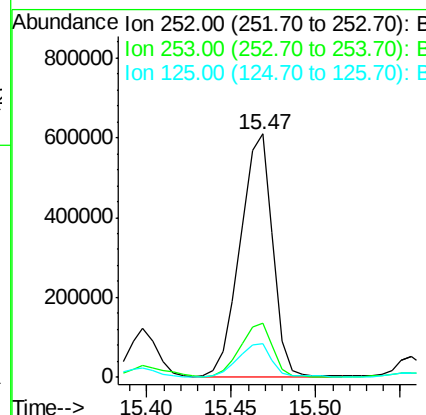
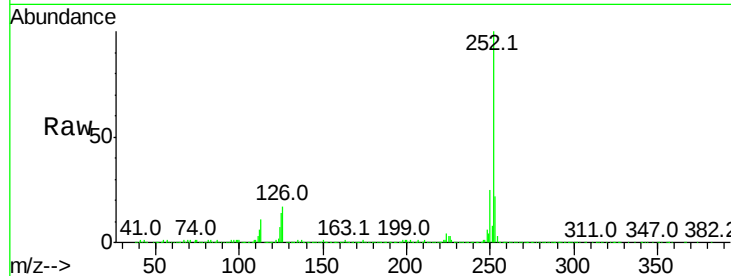
#89
Benzo(a)pyrene
Concen: 42.801 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :
8-SAN-5-EW(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.8	9.8	14.6

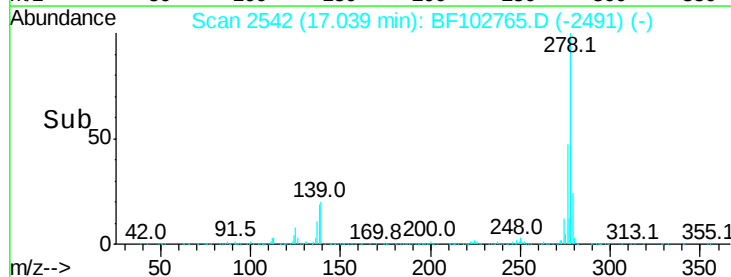
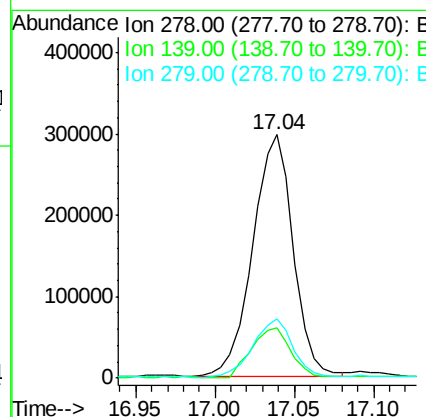
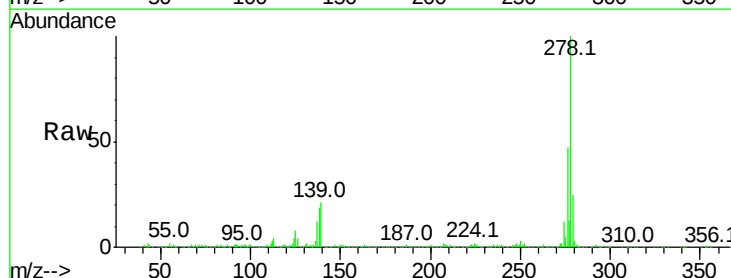
Manual Integrations
APPROVED

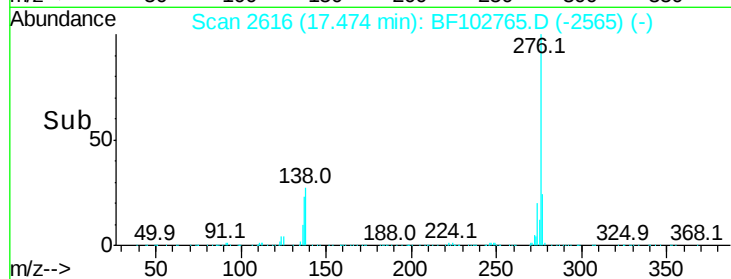
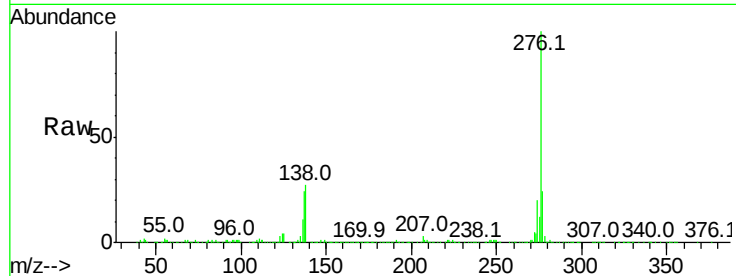
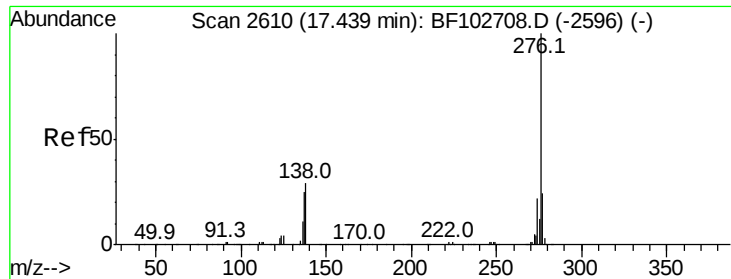
Sohil
2/6/2018 2:26:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.038 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	24.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 36.819 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tot Ion:	276	Resp:	556231
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.9	26.9
138	27.4	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

8-SAN-5-EW(0-4)MS

Manual Integrations
APPROVED

Sohil
2/6/2018 2:26:20 PM

