

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102819.D
 Acq On : 7 Feb 2018 17:37
 Operator : SJ/JU
 Sample : PB106347BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Manual Integrations
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Sohil
 2/8/2018 1:41:18 PM

Quant Time: Feb 08 02:43:02 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	189259	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	794328	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	363507	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	630768	20.00	ng	0.00
75) Chrysene-d12	14.05	240	442460	20.00	ng	0.00
86) Perylene-d12	15.53	264	389697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1470963	118.03	ng	0.02
7) Phenol-d6	6.52	99	1790055	119.29	ng	0.01
23) Nitrobenzene-d5	7.45	82	1136698	99.27	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	385991	131.93	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1849279	84.42	ng	0.00
78) Terphenyl-d14	12.99	244	1688191	90.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	229407	37.269	ng	87
3) Pyridine	3.51	79	679680	39.967	ng	86
4) n-Nitrosodimethylamine	3.46	42	321013	44.118	ng	# 99
6) Aniline	6.55	93	510784	23.050	ng	98
8) 2-Chlorophenol	6.67	128	550201	42.884	ng	96
9) Benzaldehyde	6.43	77	173261	15.548	ng	97
10) Phenol	6.53	94	692038	43.035	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	540083	40.361	ng	91
12) 1,3-Dichlorobenzene	6.82	146	585166	39.386	ng	98
13) 1,4-Dichlorobenzene	6.90	146	581714	39.305	ng	99
14) 1,2-Dichlorobenzene	7.05	146	537869	39.019	ng	100
15) Benzyl Alcohol	7.02	79	492860	42.722	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	980471	38.572	ng	97
17) 2-Methylphenol	7.13	107	496443	41.949	ng	98
18) Hexachloroethane	7.39	117	211603	41.694	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	377447	38.152	ng	96
20) 3+4-Methylphenols	7.29	107	568273	38.939	ng	# 75
22) Acetophenone	7.29	105	751156	38.644	ng	# 94
24) Nitrobenzene	7.46	77	600294	44.568	ng	98
25) Isophorone	7.70	82	1106607	41.970	ng	100
26) 2-Nitrophenol	7.78	139	319040	55.913	ng	97
27) 2,4-Dimethylphenol	7.82	122	534332	47.968	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	675746	43.264	ng	99
29) 2,4-Dichlorophenol	8.02	162	463013	45.723	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	454740	39.695	ng	98
31) Naphthalene	8.19	128	1566838	40.373	ng	100
32) Benzoic acid	7.94	122	374501	47.709	ng	97
33) 4-Chloroaniline	8.23	127	186488	11.154	ng	98
34) Hexachlorobutadiene	8.30	225	228026	38.845	ng	100
35) Caprolactam	8.61	113	167045m	47.500	ng	
36) 4-Chloro-3-methylphenol	8.72	107	514940	45.258	ng	97
37) 2-Methylnaphthalene	8.88	142	1040549	40.952	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	381218	38.516	ng	97
40) Hexachlorocyclopentadiene	9.03	237	429495	91.282	ng	99

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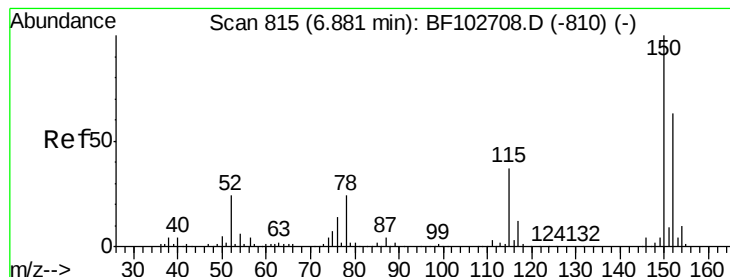
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	303757	46.724	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	319743	43.637	nq	96
45) 1,1'-Biphenyl	9.35	154	1192845	38.960	nq	99
46) 2-Chloronaphthalene	9.37	162	960889	39.864	nq	99
47) 2-Nitroaniline	9.46	65	358820	48.224	nq	91
48) Acenaphthylene	9.79	152	1463600	39.094	nq	99
49) Dimethylphthalate	9.65	163	1130576	39.889	nq	100
50) 2,6-Dinitrotoluene	9.70	165	256775	47.618	nq	95
51) Acenaphthene	9.96	154	979891	43.767	nq	100
52) 3-Nitroaniline	9.87	138	177399	26.737	nq	95
53) 2,4-Dinitrophenol	9.98	184	234628	105.613	nq	# 18
54) Dibenzofuran	10.13	168	1284588	40.714	nq	96
55) 4-Nitrophenol	10.04	139	473543	86.503	nq	94
56) 2,4-Dinitrotoluene	10.11	165	348497	48.176	nq	96
57) Fluorene	10.47	166	960934	41.859	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	243431	47.934	nq	99
59) Diethylphthalate	10.35	149	1103619	39.434	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	419737	41.332	nq	98
61) 4-Nitroaniline	10.49	138	301461	47.733	nq	93
62) Azobenzene	10.62	77	1120331	40.071	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	155799	56.114	nq	95
65) n-Nitrosodiphenylamine	10.58	169	884398	39.750	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	273193	40.944	nq	96
67) Hexachlorobenzene	11.02	284	292457	39.731	nq	100
68) Atrazine	11.11	200	271378	41.345	nq	98
69) Pentachlorophenol	11.22	266	321201	74.336	nq	99
70) Phenanthrene	11.43	178	1395414	39.722	nq	99
71) Anthracene	11.49	178	1456869	40.774	nq	100
72) Carbazole	11.64	167	1385264	39.574	nq	99
73) Di-n-butylphthalate	11.97	149	1712048	40.263	nq	100
74) Fluoranthene	12.62	202	1449715	41.017	nq	98
76) Benzidine	12.74	184	425056	20.902	nq	99
77) Pyrene	12.85	202	1455817	41.959	nq	100
79) Butylbenzylphthalate	13.46	149	709699	42.874	nq	97
80) Benzo(a)anthracene	14.04	228	1181554	42.461	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	288585	27.971	nq	99
82) Chrysene	14.08	228	1131506	40.338	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	900985	42.391	nq	98
84) Di-n-octyl phthalate	14.63	149	1388468	43.507	nq	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	992471	42.660	nq	99
87) Benzo(b)fluoranthene	15.09	252	1108974	43.893	nq	96
88) Benzo(k)fluoranthene	15.12	252	937080	38.817	nq	99
89) Benzo(a)pyrene	15.47	252	956843	42.074	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	821698	44.515	nq	98
91) Benzo(g,h,i)perylene	17.48	276	856144	47.386	nq	98

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



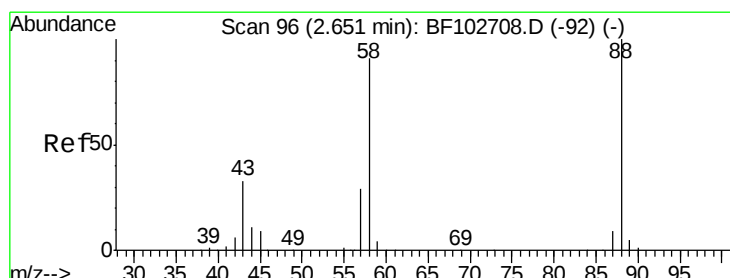
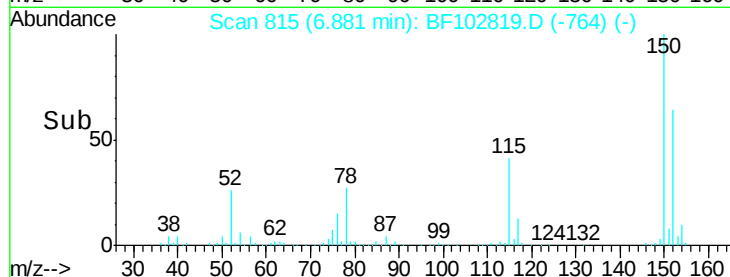
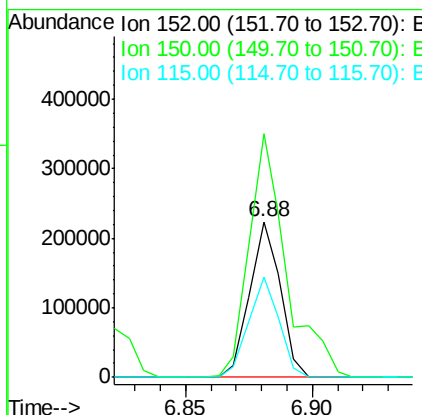
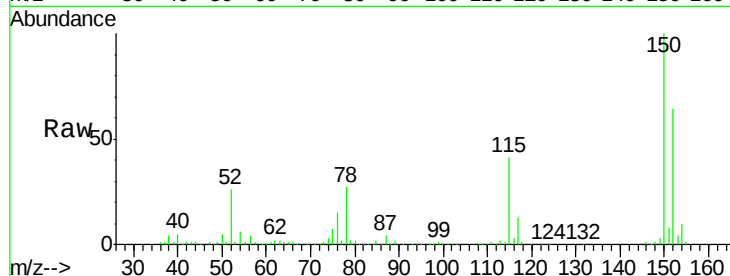
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	64.1	50.1	75.1

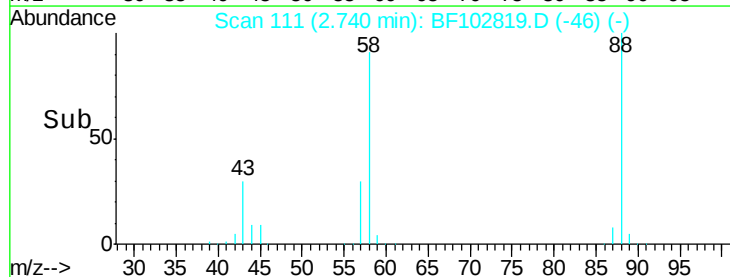
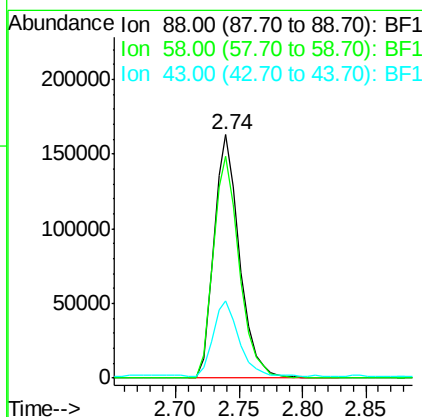
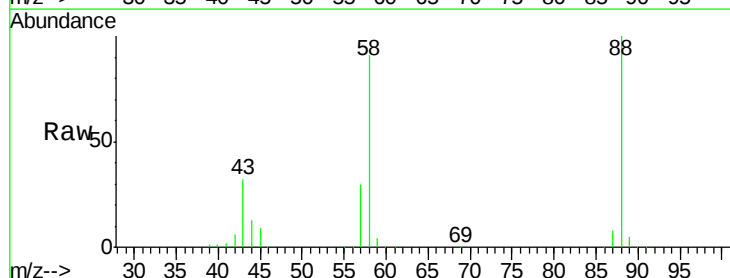
Manual Integrations
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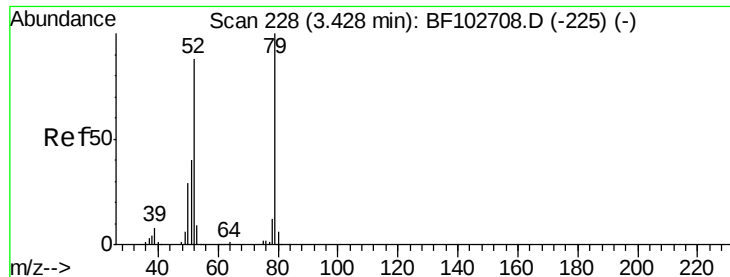
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 2/8/2018 1:41:18 PM



#2
 1,4-Dioxane
 Concen: 37.269 ng
 RT: 2.74 min Scan# 111
 Delta R.T. 0.08 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	62.6	93.8
43	31.0	24.6	37.0





#3

Pvridine

Concen: 39.967 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

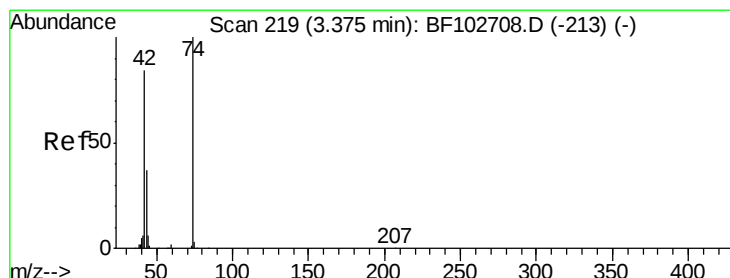
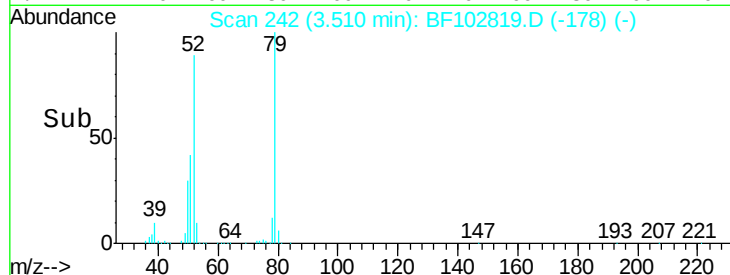
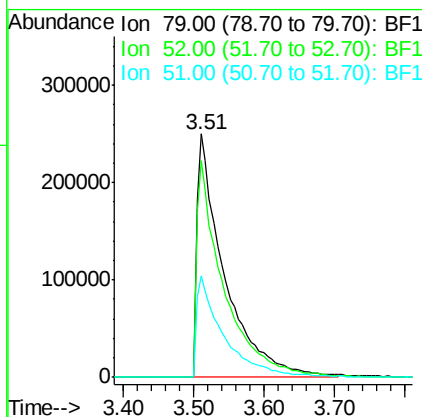
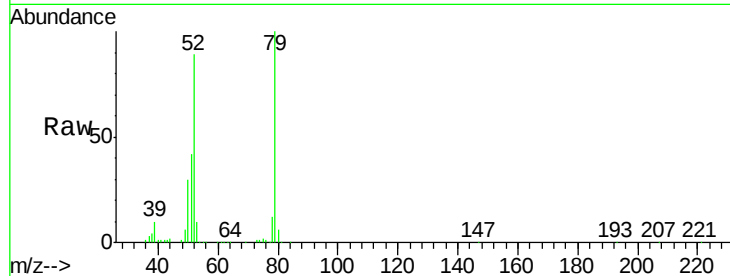
ClientSampleId :

PB106347BS

Tot Ion:	79	Resp:	679680
Ion	Ratio	Lower	Upper
79	100		
52	89.0	59.8	89.6
51	41.9	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 44.118 ng

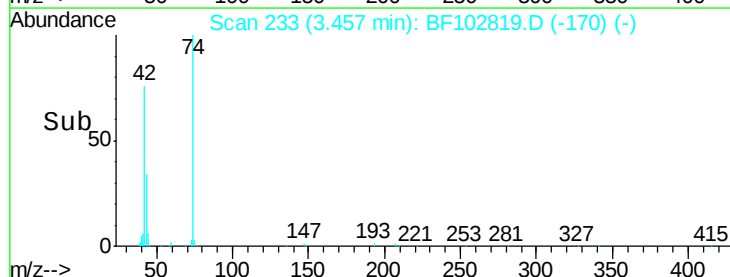
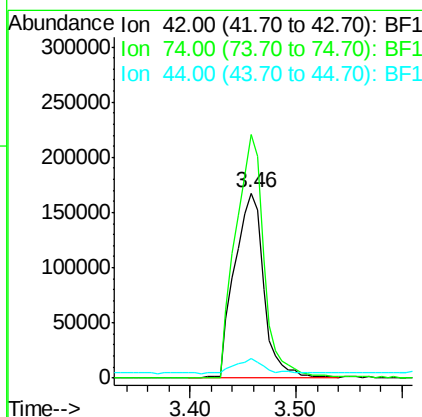
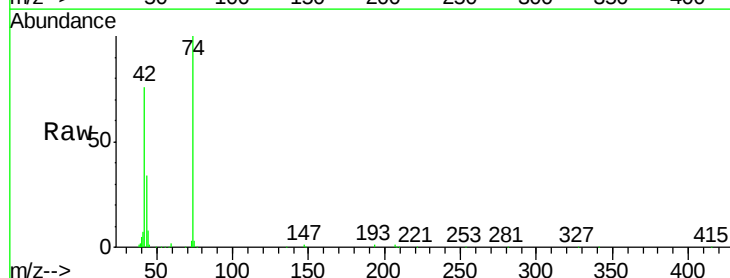
RT: 3.46 min Scan# 233

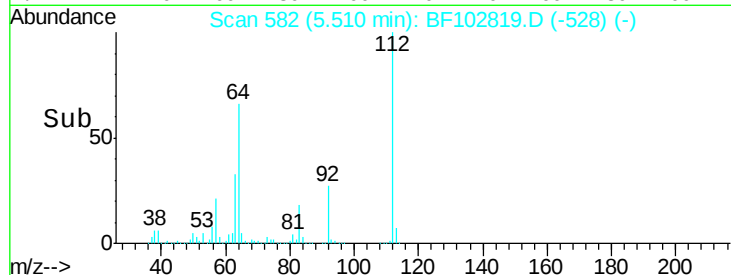
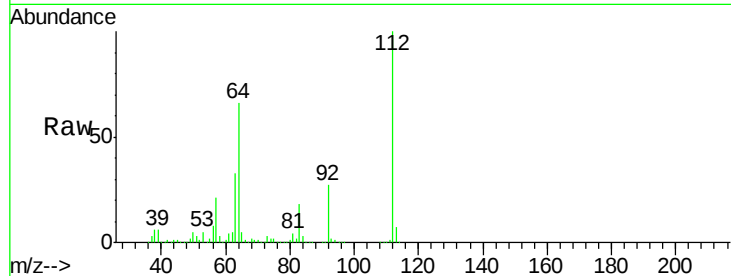
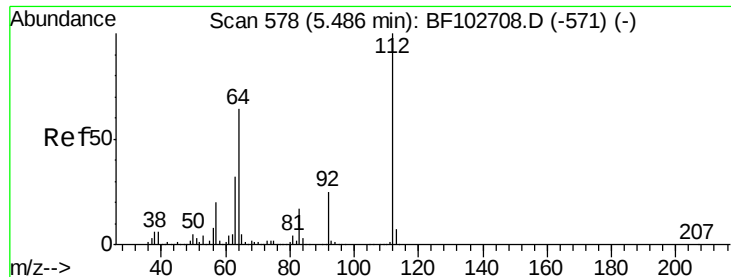
Delta R.T. 0.07 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:	42	Resp:	321013
Ion	Ratio	Lower	Upper
42	100		
74	131.4	104.9	157.3
44	10.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 118.034 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tot Ion:	112	Resp:	1470963
Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	33.0	23.7	35.5

Instrument :

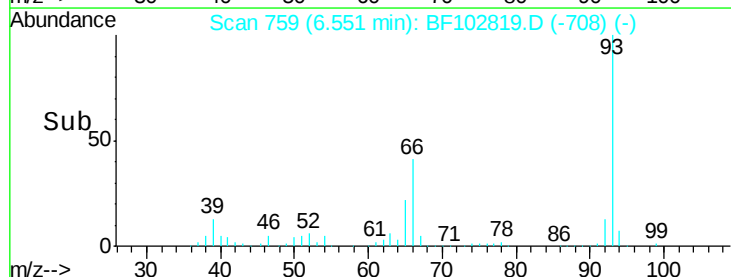
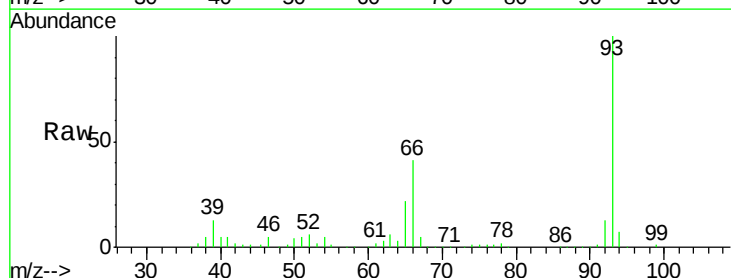
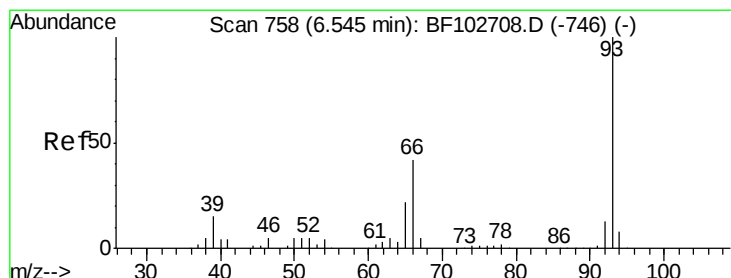
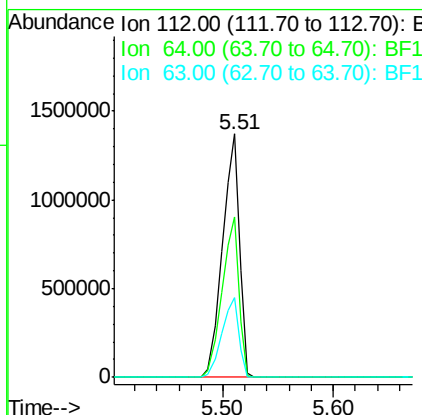
BNA_F

ClientSampleId :

PB106347BS

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#6

Aniline

Concen: 23.050 ng

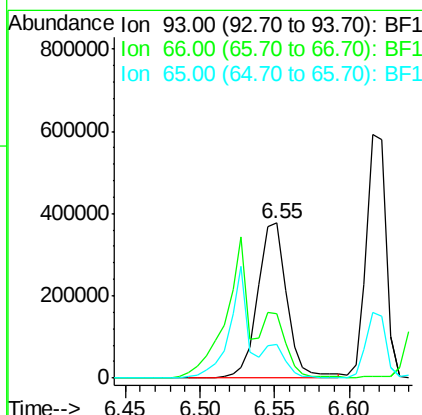
RT: 6.55 min Scan# 759

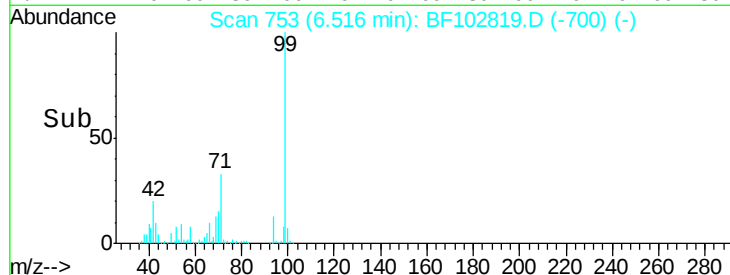
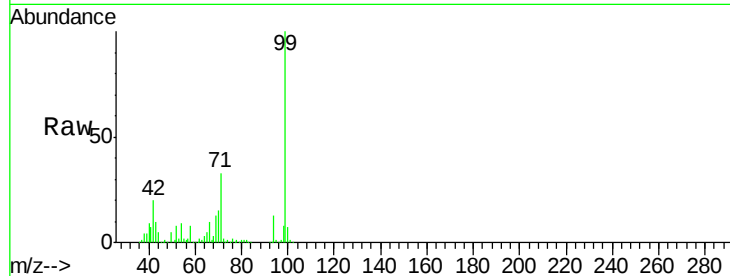
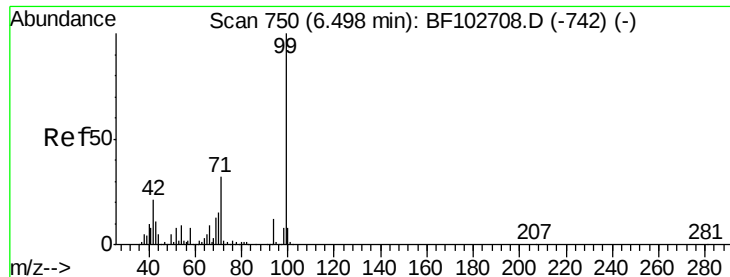
Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:	93	Resp:	510784
Ion	Ratio	Lower	Upper
93	100		
66	41.4	32.2	48.2
65	21.7	16.4	24.6





#7

Phenol-d6

Concen: 119.295 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tot Ion:	99	Resp:	1790055
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	33.0	25.4	38.0

Instrument :

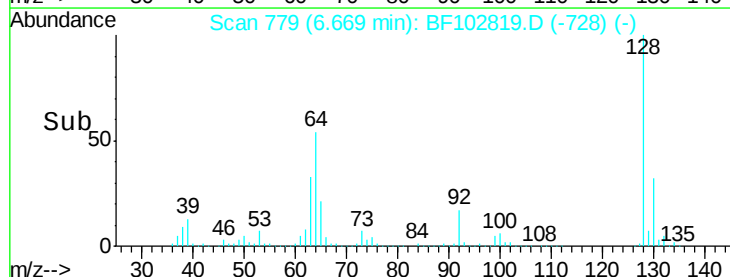
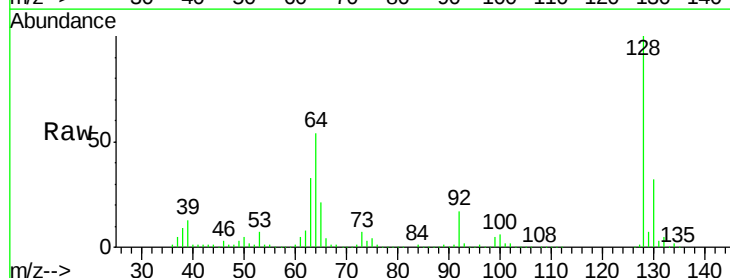
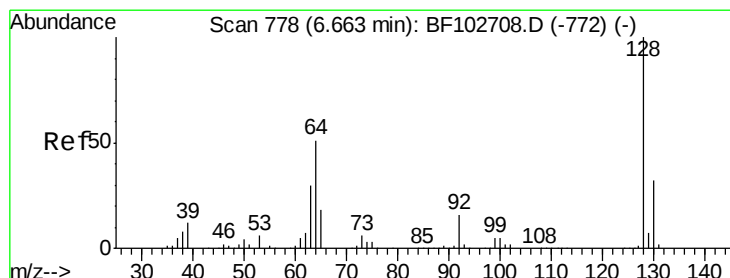
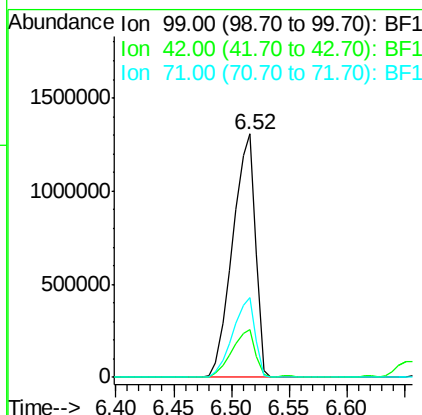
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#8

2-Chlorophenol

Concen: 42.884 ng

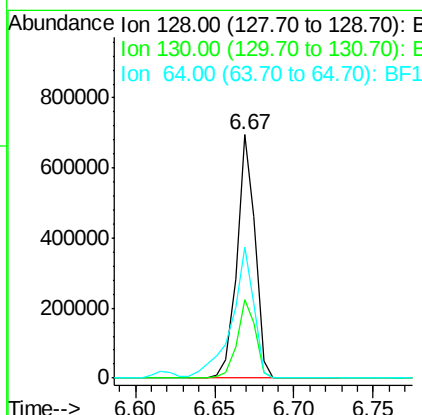
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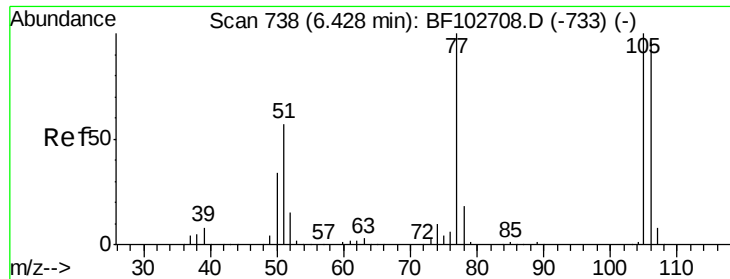
Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:	128	Resp:	550201
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	54.0	29.4	69.4





#9

Benzaldehyde

Concen: 15.548 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

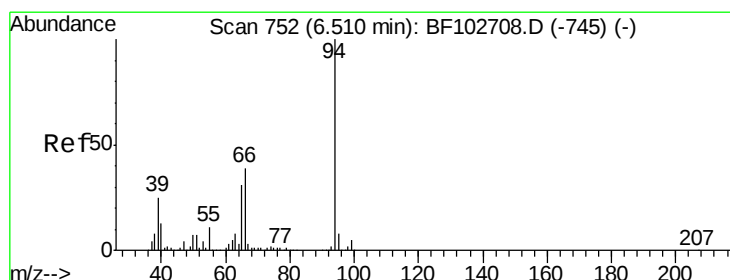
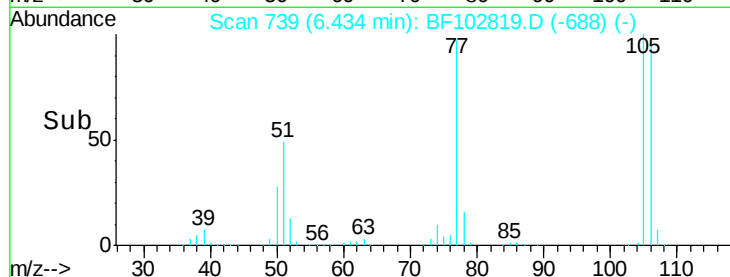
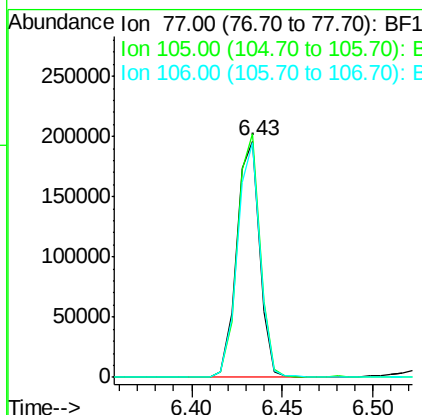
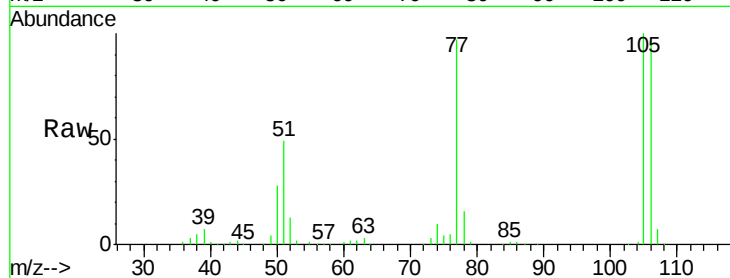
ClientSampled :

PB106347BS

Tot Ion:	77	Resp:	173261
Ion	Ratio	Lower	Upper
77	100		
105	103.1	81.1	121.1
106	99.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 43.035 ng

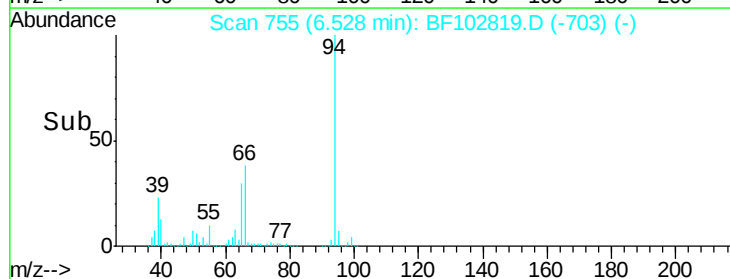
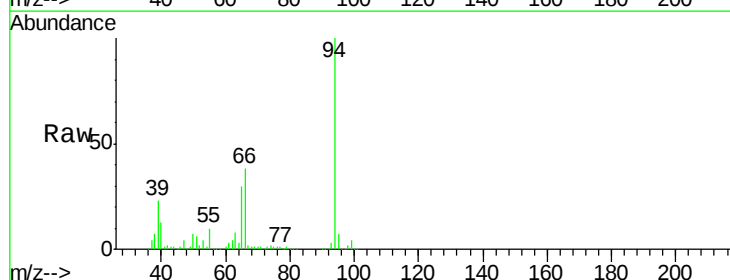
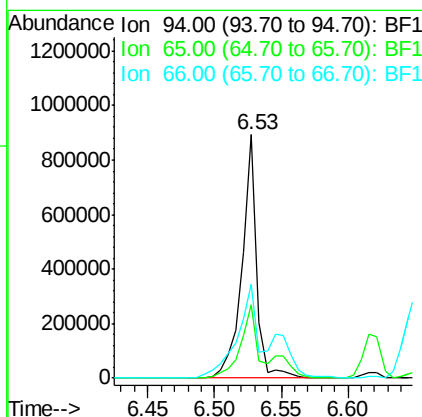
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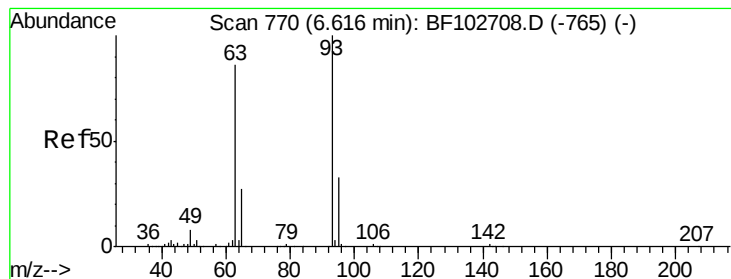
Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:	94	Resp:	692038
Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.9	47.9
66	38.4	16.2	56.2





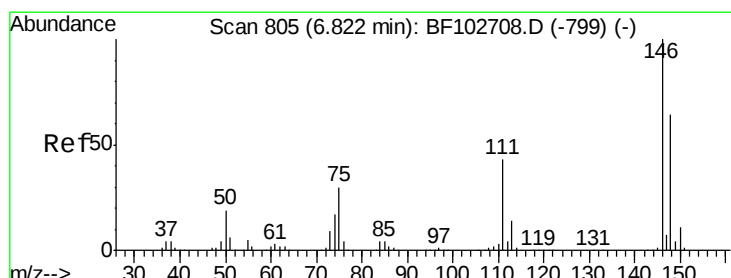
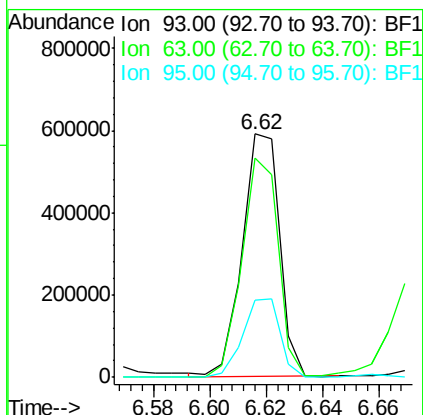
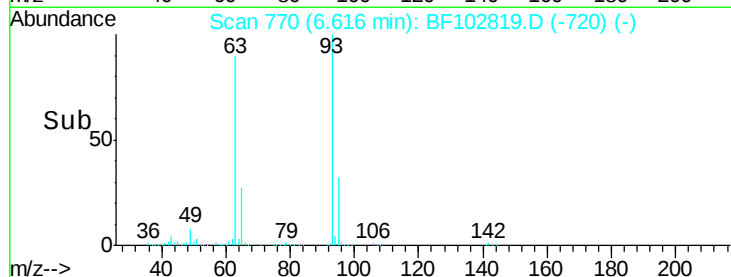
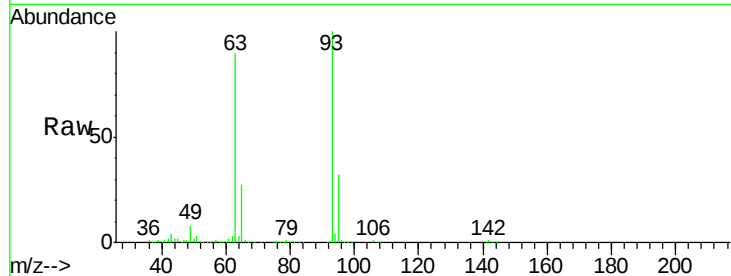
#11
bis(2-Chloroethyl)ether
Concen: 40.361 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	58.6	98.6
95	31.9	11.8	51.8

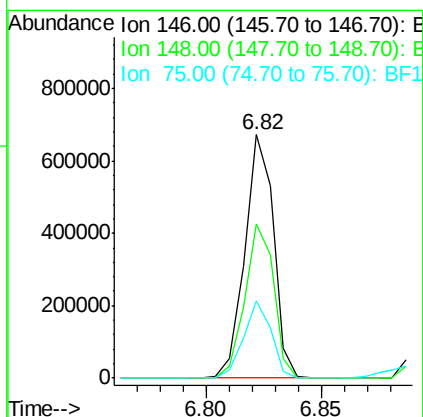
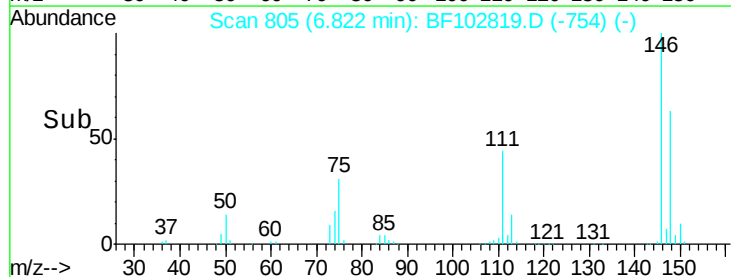
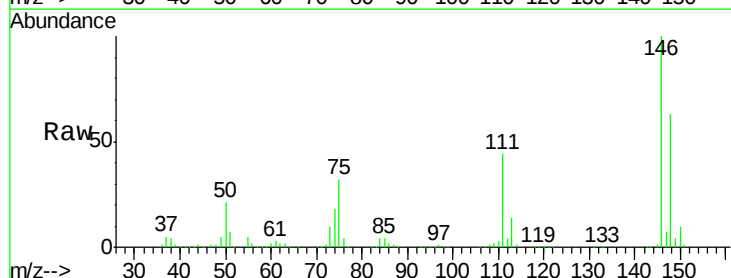
Manual Integrations
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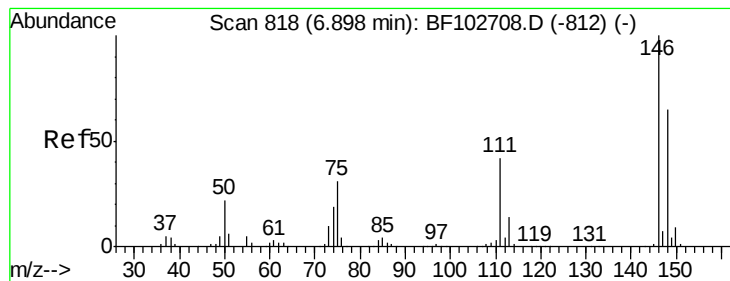
Sohil
2/8/2018 1:41:18 PM



#12
1,3-Dichlorobenzene
Concen: 39.386 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	31.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.305 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

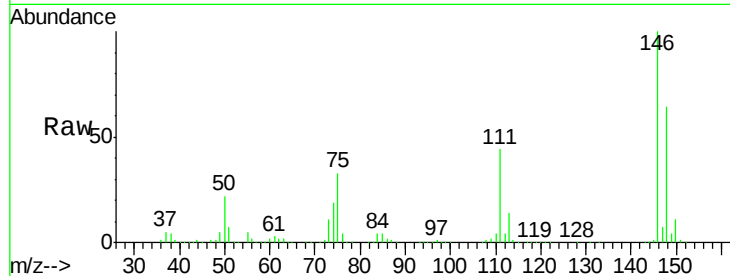
ClientSampleId :

PB106347BS

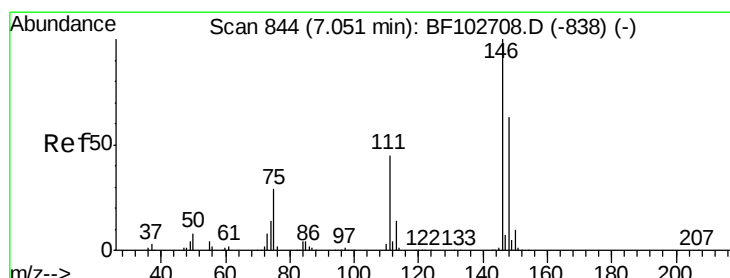
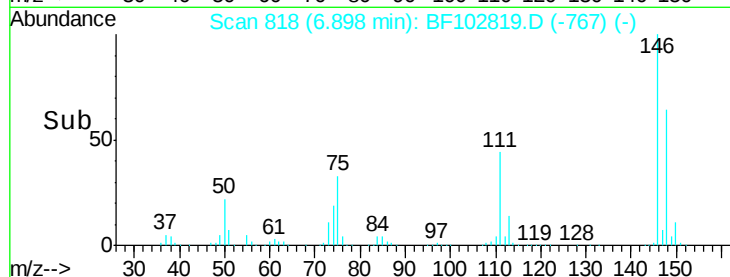
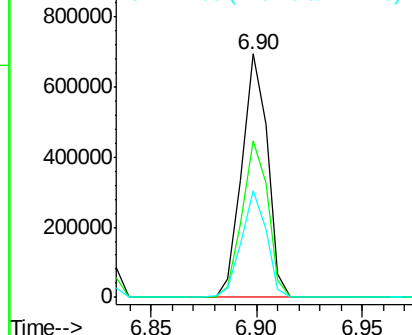
Tot Ion:	146	Resp:	581714
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	43.7	34.2	51.2

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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: 39.019 ng

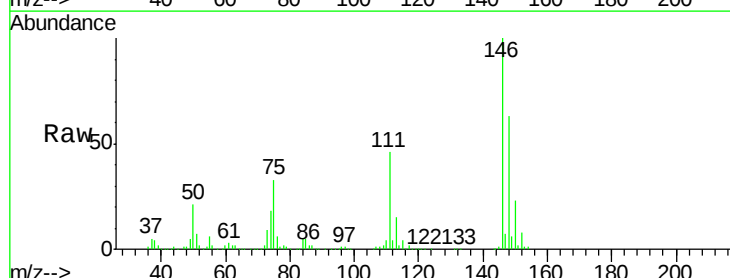
RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

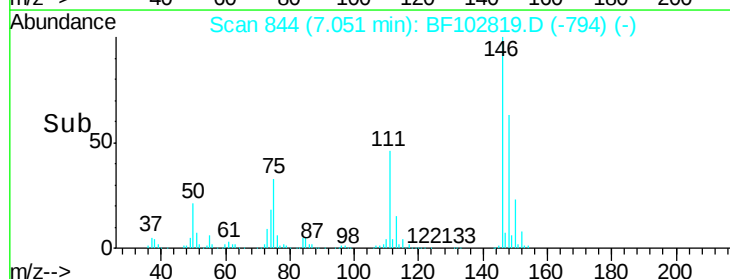
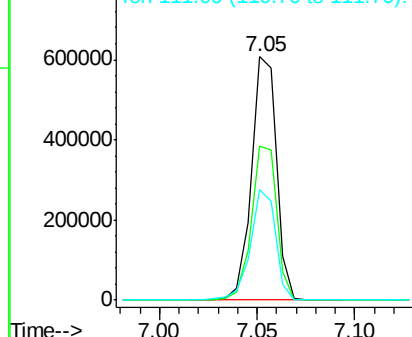
Lab File: BF102819.D

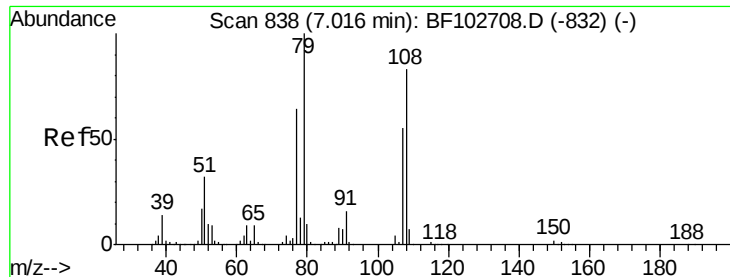
Acq: 7 Feb 2018 17:37

Tgt Ion:	146	Resp:	537869
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	75.8
111	45.6	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





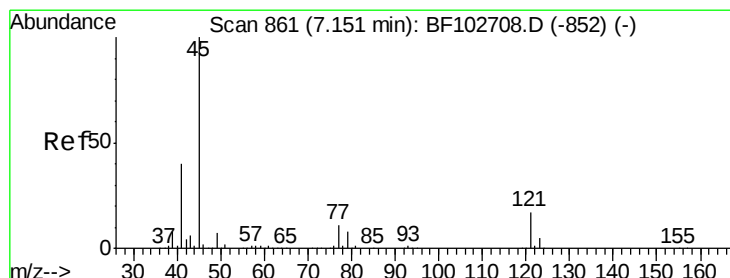
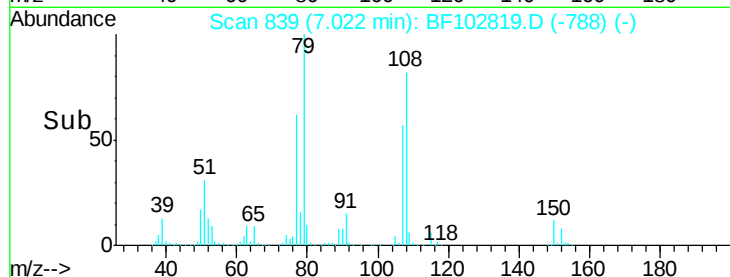
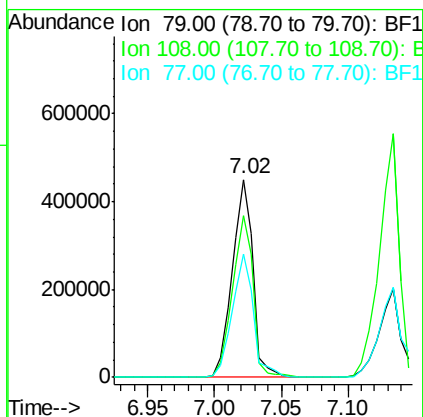
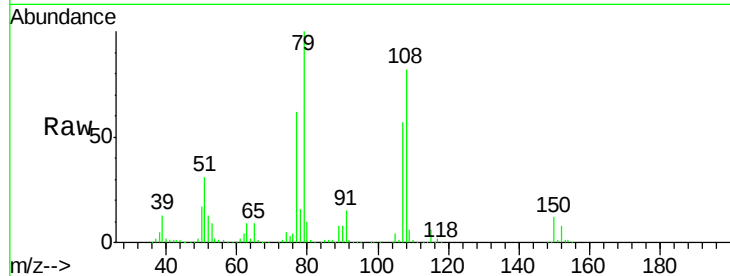
#15
Benzyl Alcohol
Concen: 42.722 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.1	97.7
77	62.3	50.6	75.8

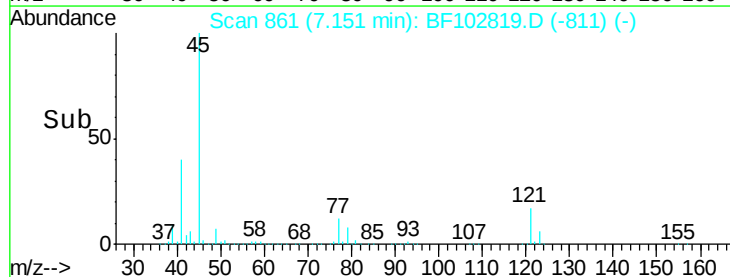
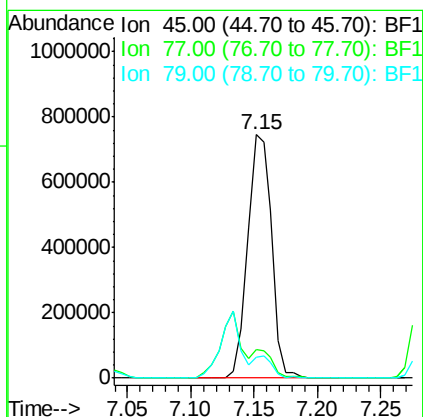
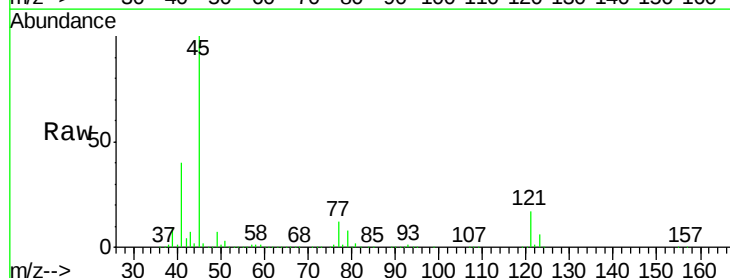
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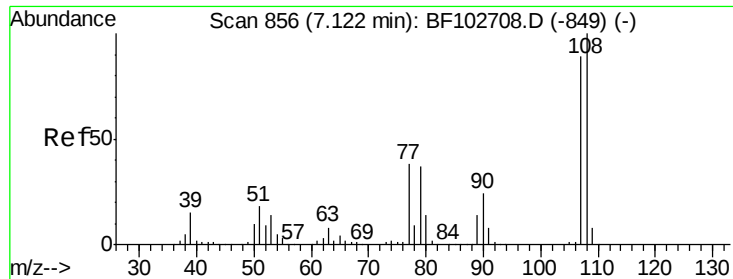
Sohil
2/8/2018 1:41:18 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.572 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	32.9
79	8.4	0.0	29.6





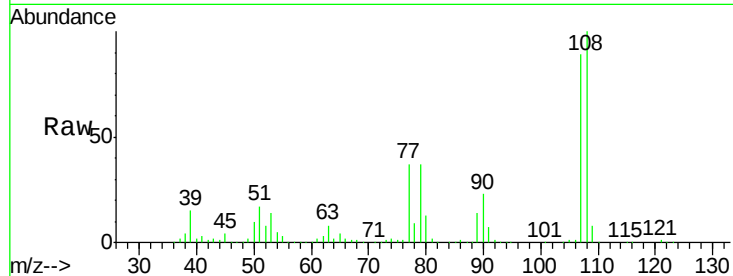
#17
2-Methylphenol
Concen: 41.949 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	496443		
108	111.8	91.7	137.5	
77	41.4	33.8	50.8	
79	41.0	33.8	50.8	

Manual Integrations
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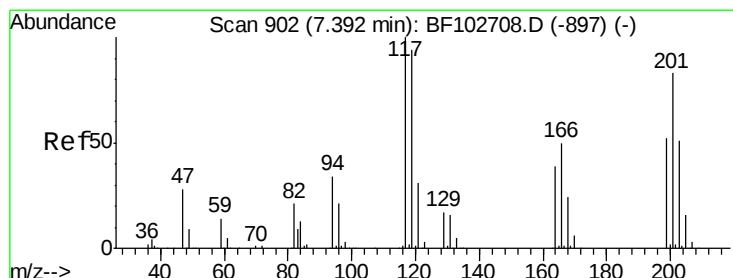
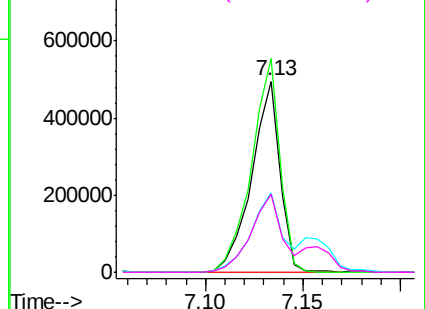
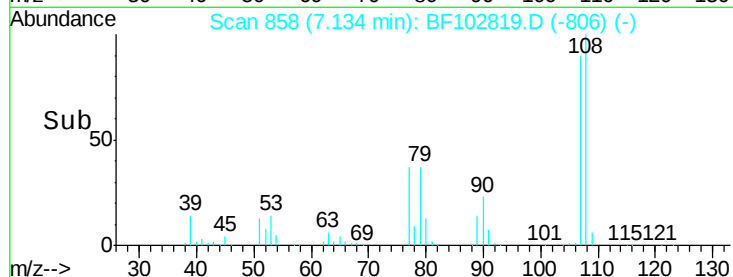
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

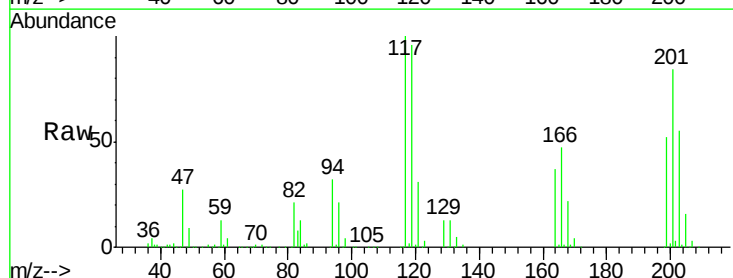
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.694 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	211603		
119	96.1	75.8	113.8	
201	83.5	75.7	113.5	

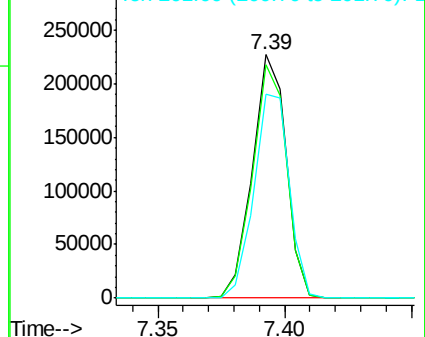
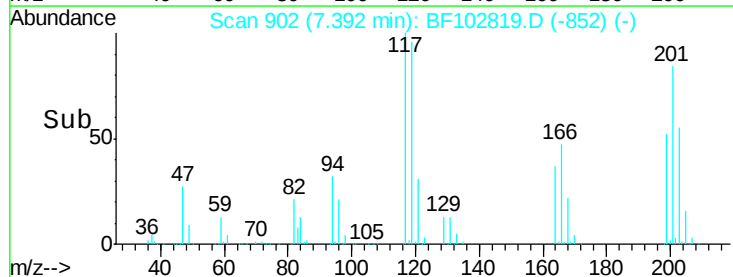


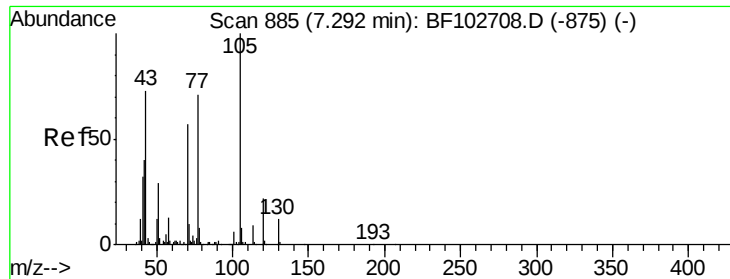
Abundance

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





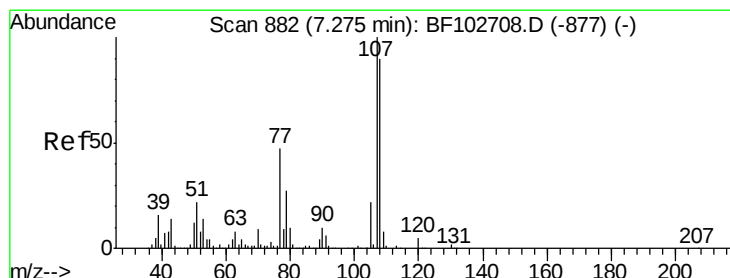
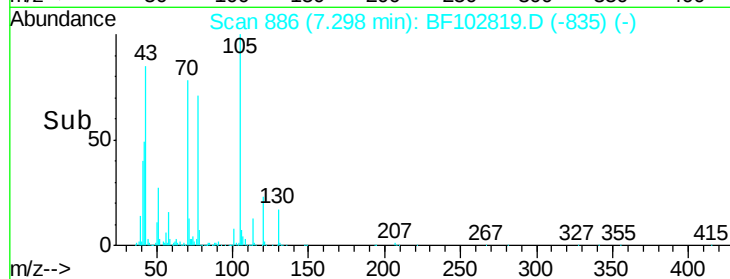
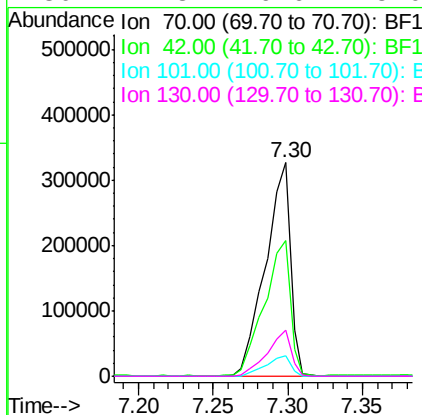
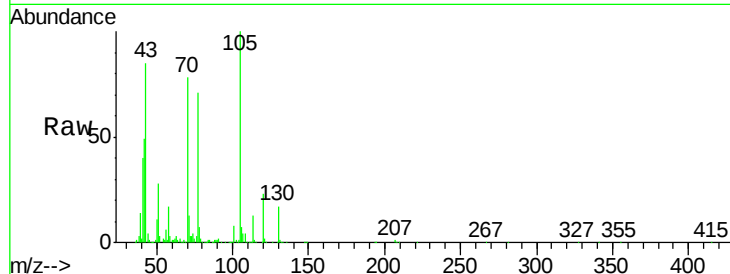
#19
n-Nitroso-di-n-propylamine
Concen: 38.152 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	47.5	71.3	
101	9.7	7.4	11.2	
130	21.3	16.6	25.0	

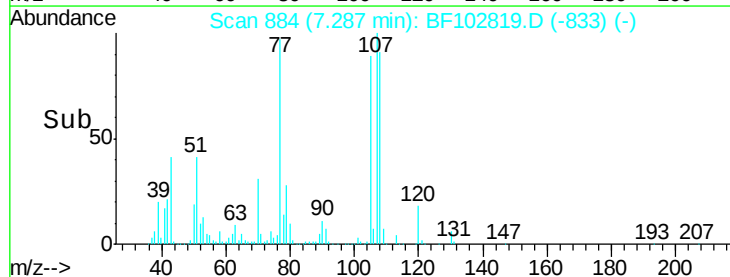
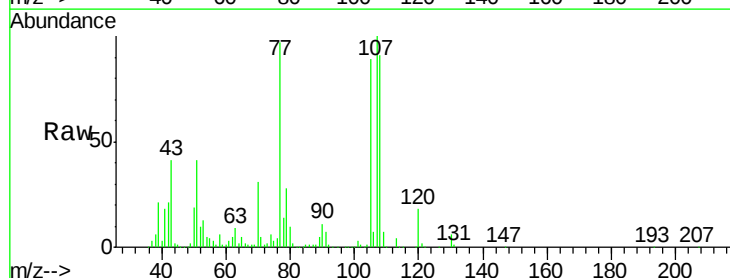
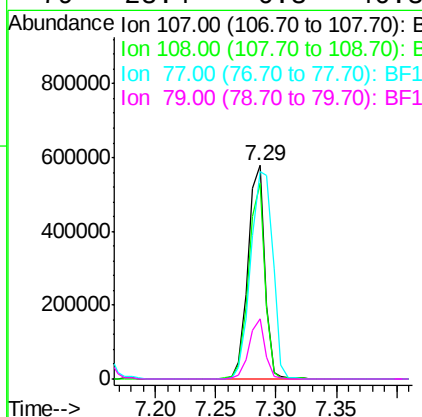
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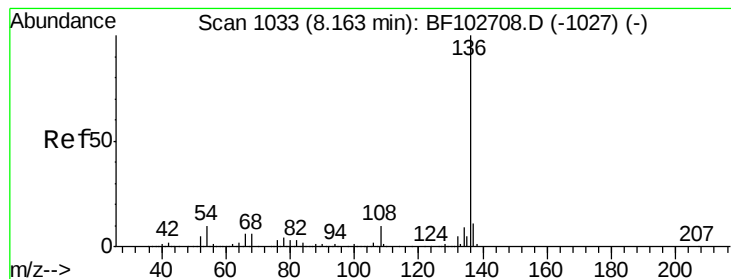
Sohil
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#20
3+4-Methylphenols
Concen: 38.939 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	68.2	108.2	
77	97.2	26.7	66.7	
79	28.4	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

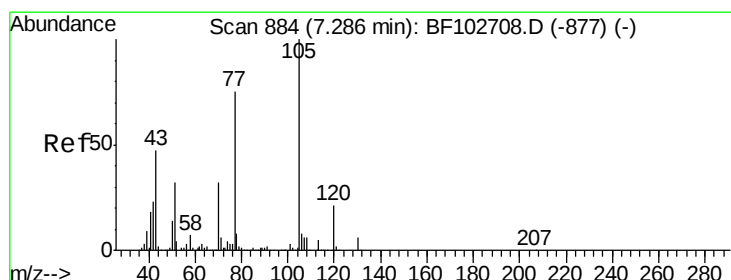
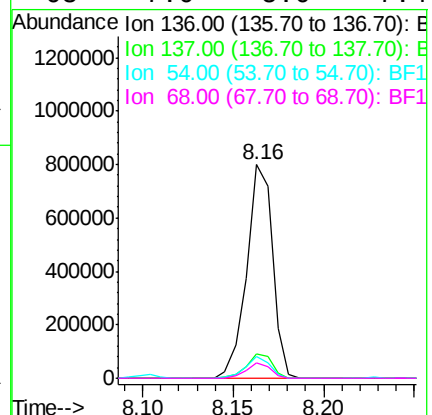
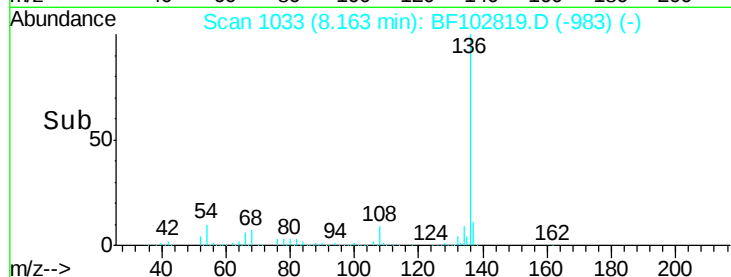
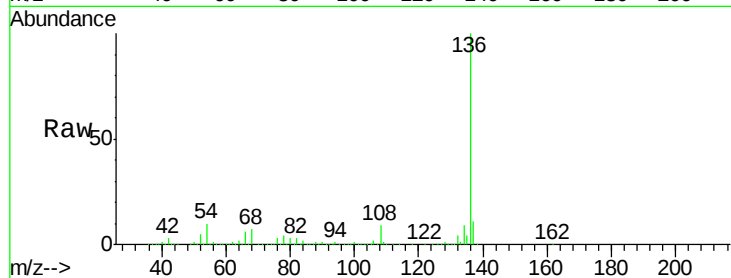
ClientSampleId :

PB106347BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.2	6.6	9.8#
68	7.0	5.0	7.4

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#22

Acetophenone

Concen: 38.644 ng

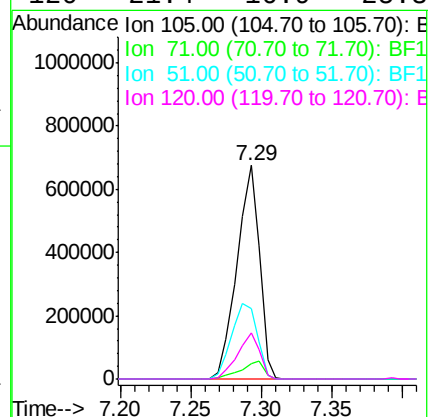
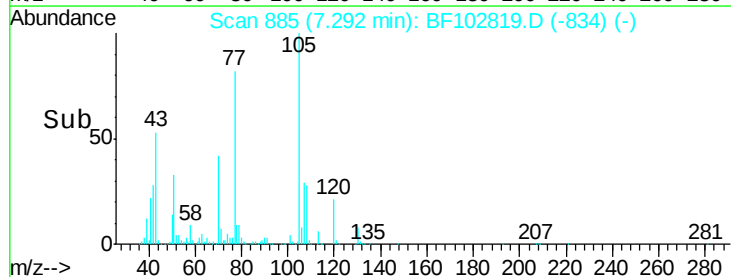
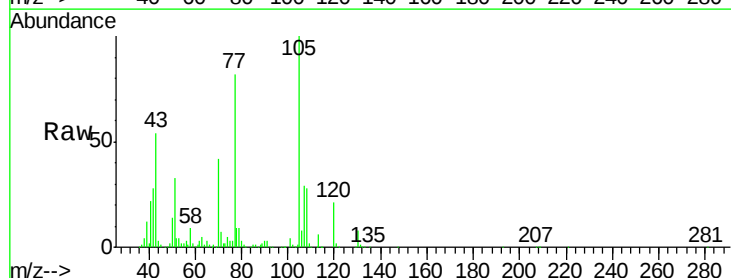
RT: 7.29 min Scan# 885

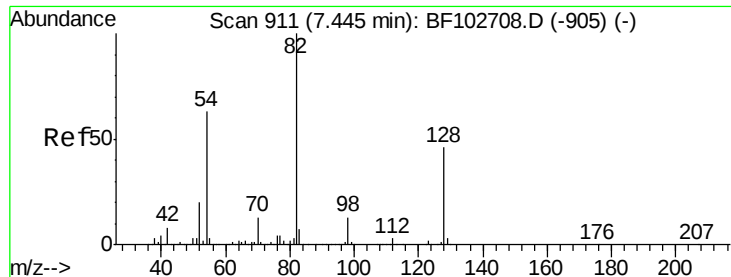
Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.1	4.4	6.6#
51	33.1	22.3	33.5
120	21.4	16.9	25.3





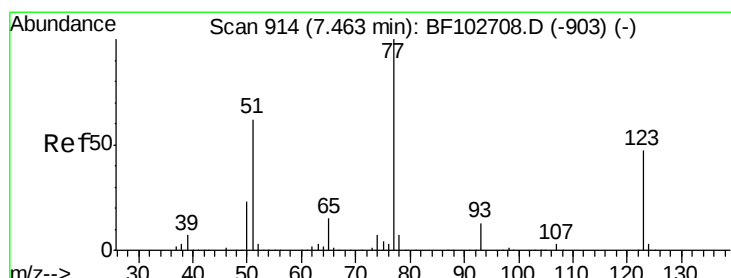
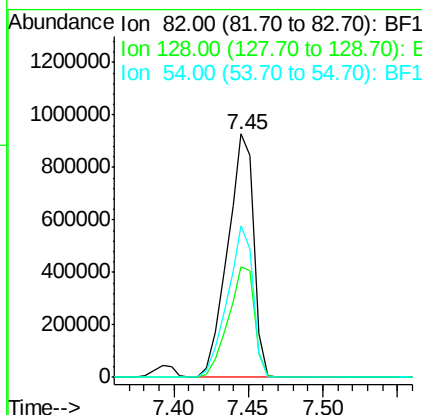
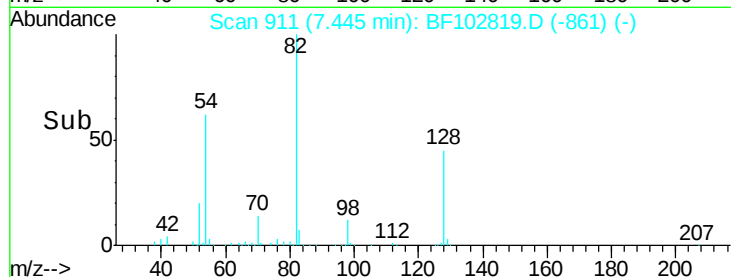
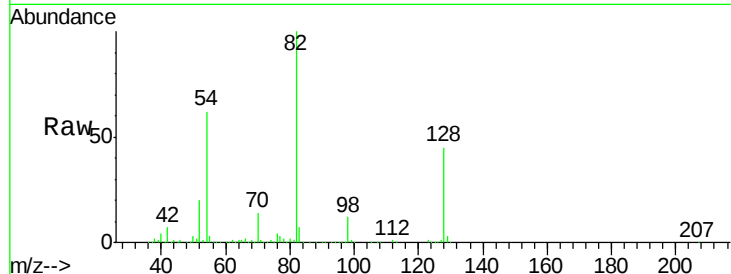
#23
 Nitrobenzene-d5
 Concen: 99.271 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Tot Ion: 82 Resp: 1136698
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 62.3 41.4 62.2#

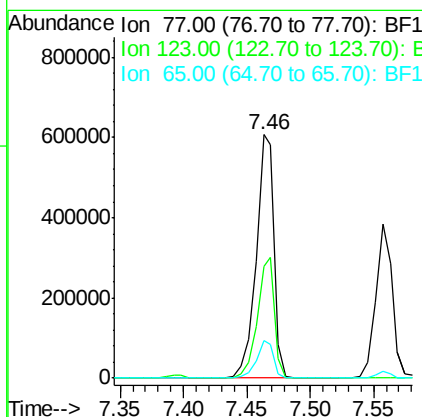
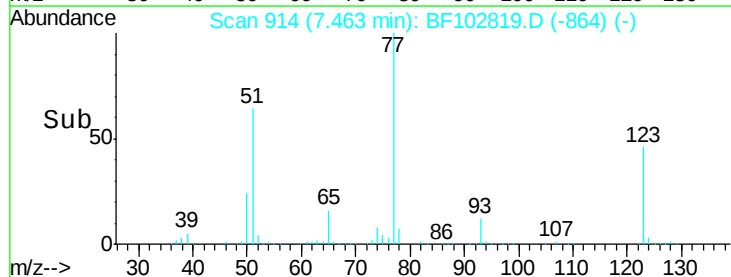
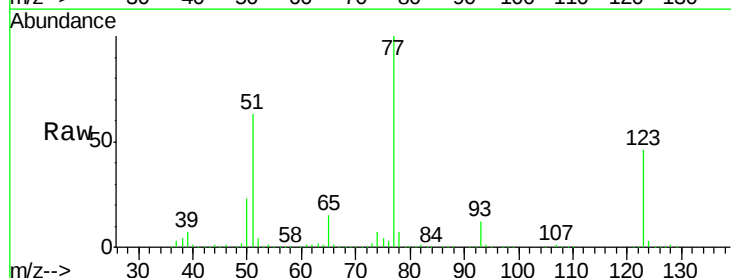
Manual Integrations
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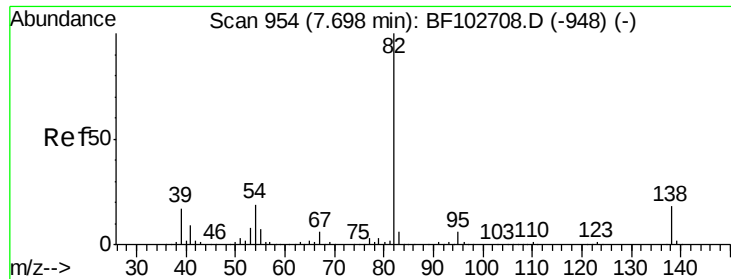
Sohil
 2/8/2018 1:41:18 PM



#24
 Nitrobenzene
 Concen: 44.568 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion: 77 Resp: 600294
 Ion Ratio Lower Upper
 77 100
 123 46.0 37.9 56.9
 65 15.2 11.0 16.4





#25

Isophorone

Concen: 41.970 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

PB106347BS

Tot Ion: 82 Resp: 1106607

Ion Ratio Lower Upper

82 100

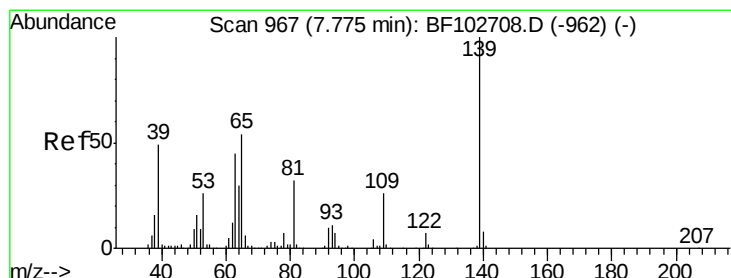
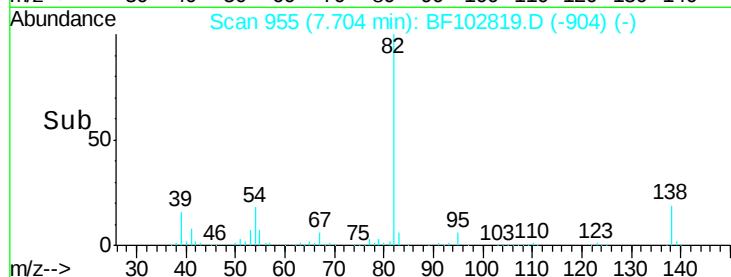
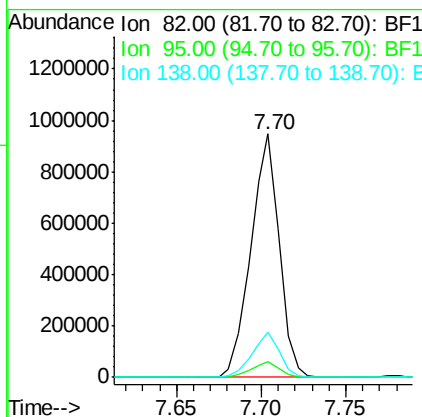
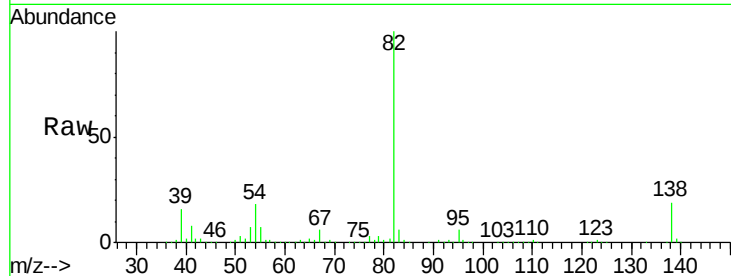
95 6.3 5.2 7.8

138 18.6 14.9 22.3

Manual Integrations
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2/8/2018 1:41:18 PM



#26

2-Nitrophenol

Concen: 55.913 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

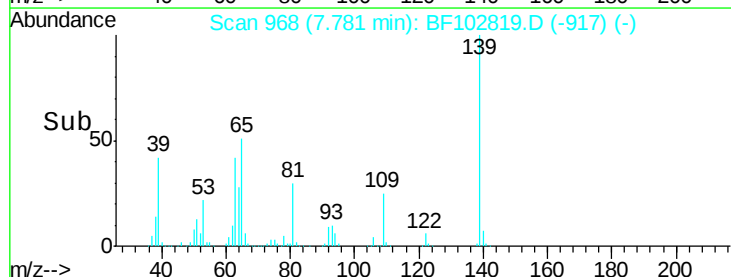
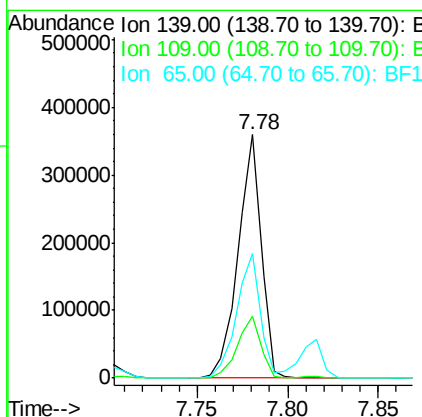
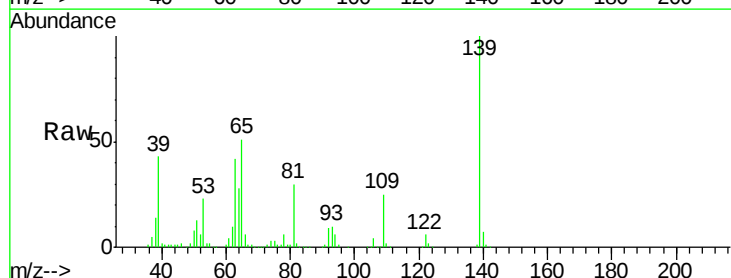
Tgt Ion: 139 Resp: 319040

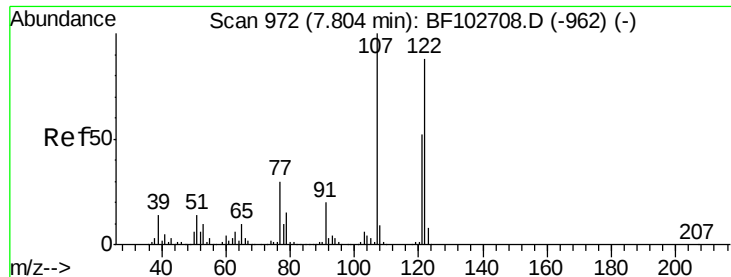
Ion Ratio Lower Upper

139 100

109 25.4 22.7 34.1

65 51.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 47.968 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

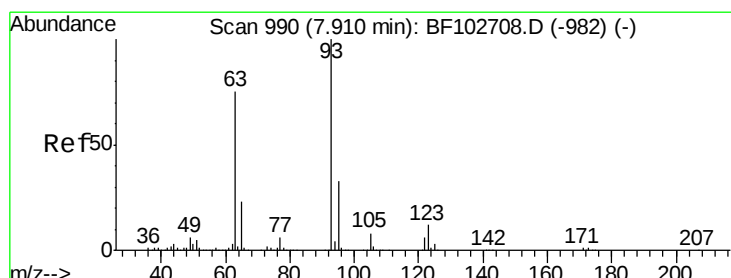
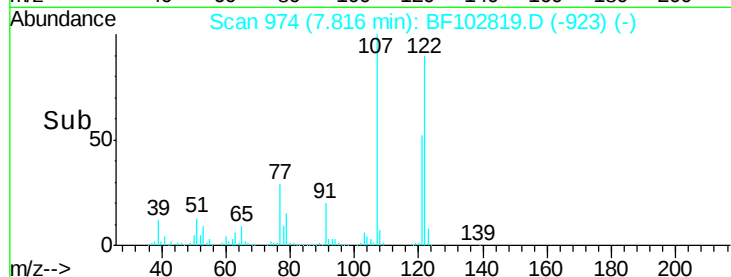
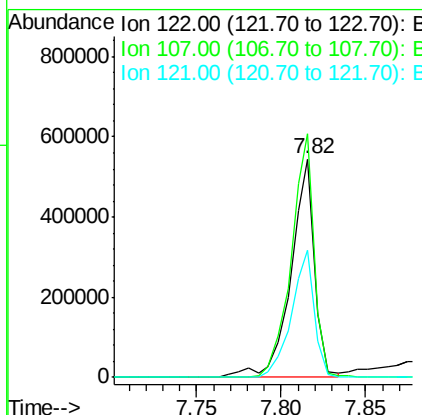
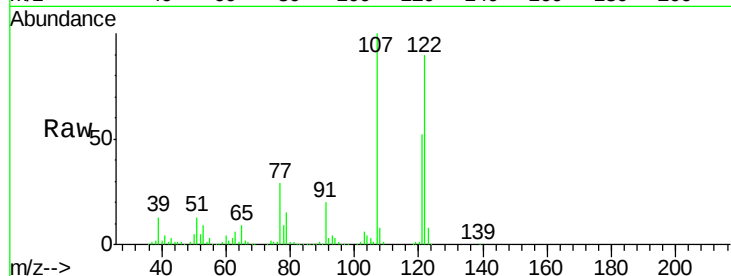
ClientSampleId :

PB106347BS

Tot Ion:	122	Resp:	534332
Ion Ratio	Lower	Upper	
122	100		
107	111.5	91.2	136.8
121	58.3	47.2	70.8

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2/8/2018 1:41:18 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.264 ng

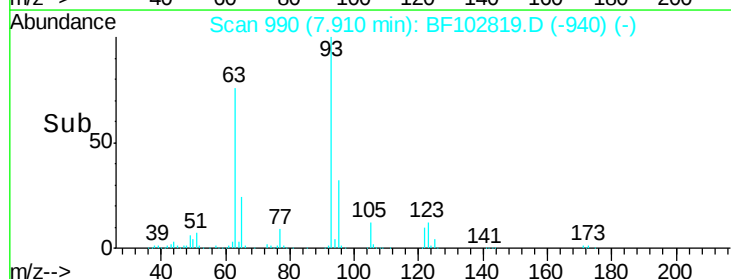
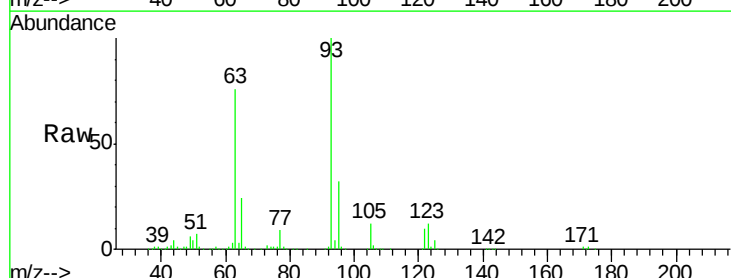
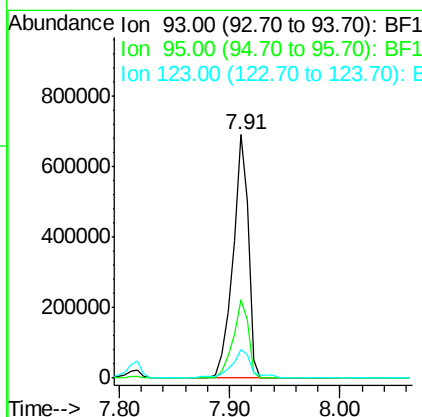
RT: 7.91 min Scan# 990

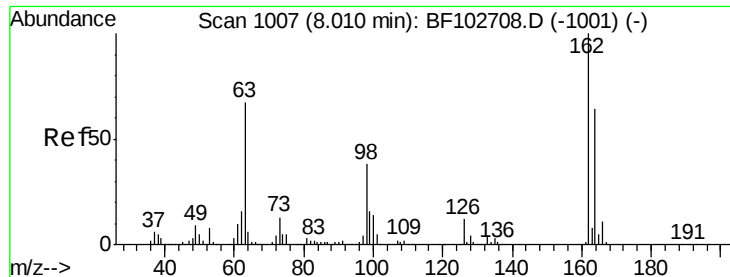
Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:	93	Resp:	675746
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	12.0	9.8	14.6





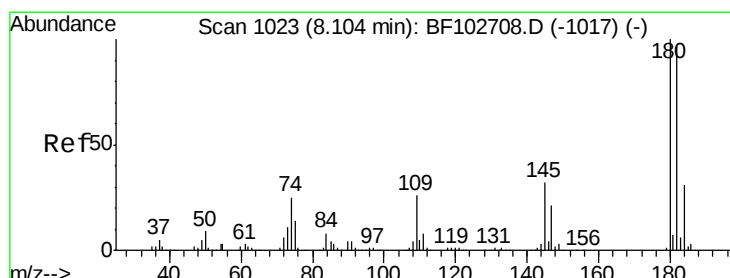
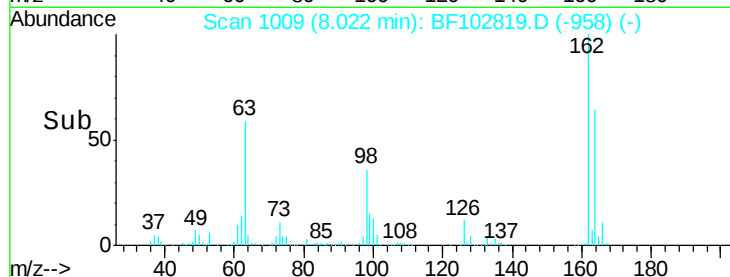
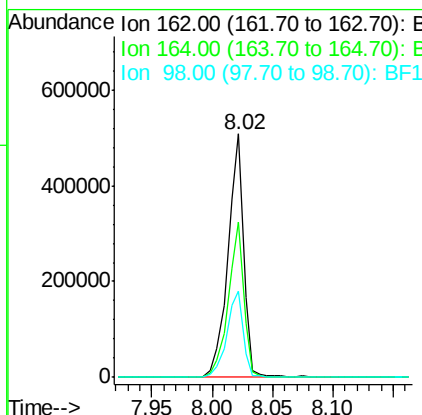
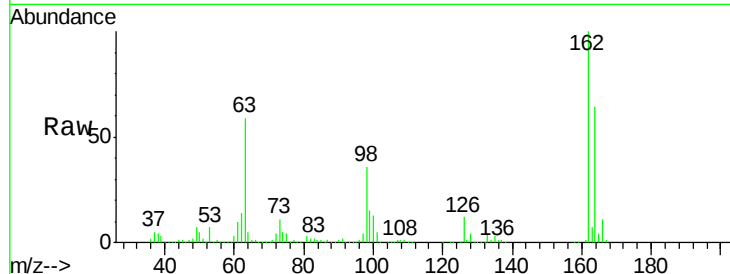
#29
 2,4-Dichlorophenol
 Concen: 45.723 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Tot Ion:	162	Resp:	463013
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	35.6	18.1	58.1

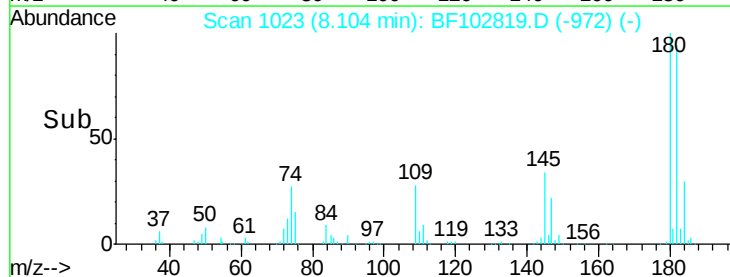
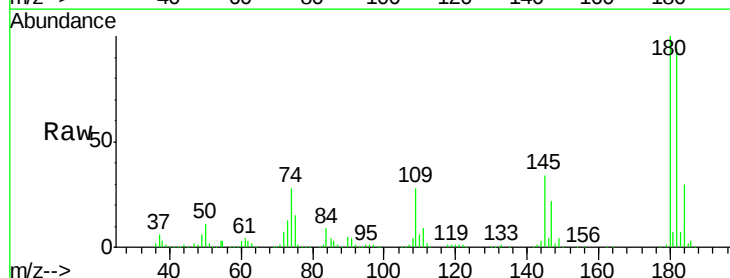
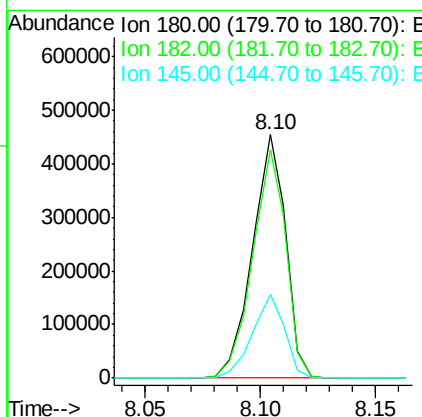
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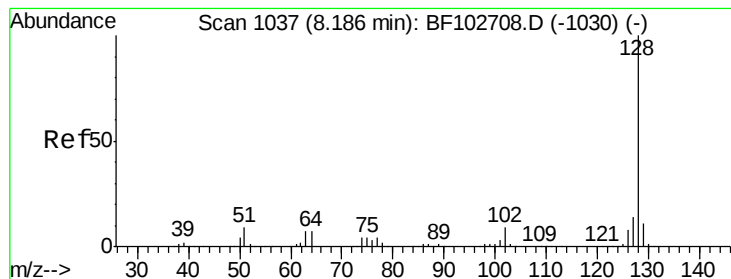
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.695 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:	180	Resp:	454740
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.8	115.2
145	34.2	26.5	39.7





#31

Naphthalene

Concen: 40.373 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

PB106347BS

Tot Ion:128 Resp: 1566838

Ion Ratio Lower Upper

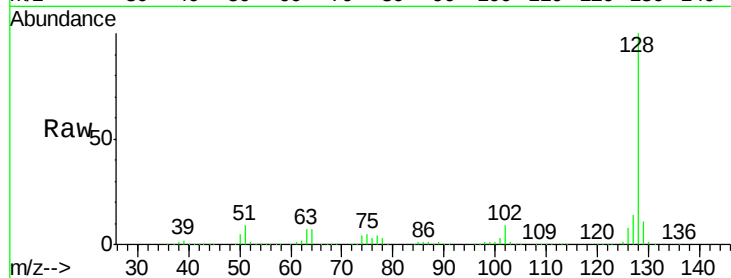
128 100

129 11.3 8.8 13.2

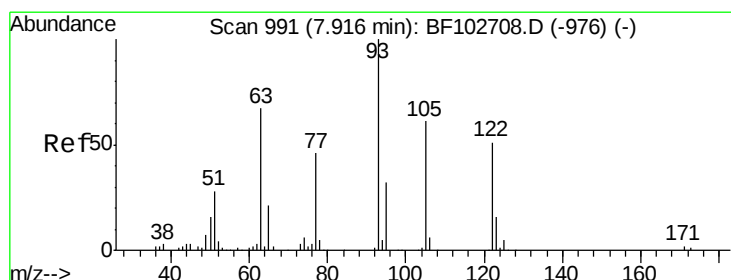
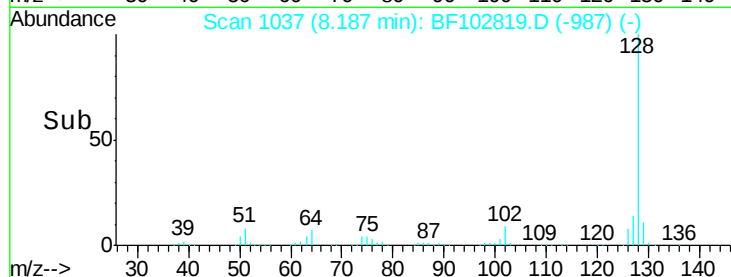
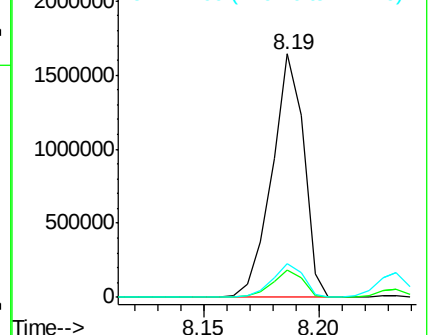
127 13.6 10.9 16.3

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



#32

Benzoic acid

Concen: 47.709 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

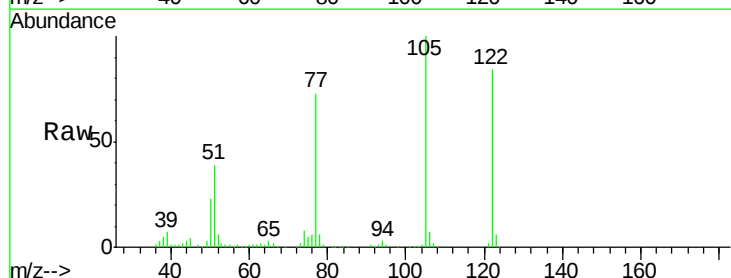
Tgt Ion:122 Resp: 374501

Ion Ratio Lower Upper

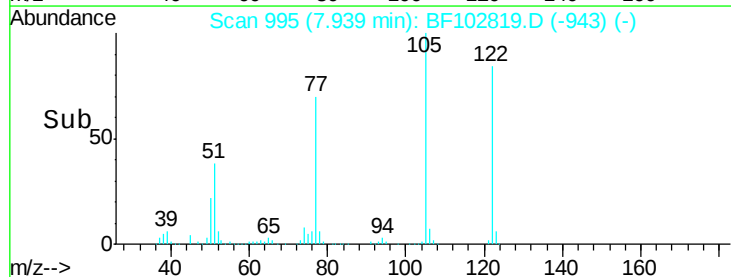
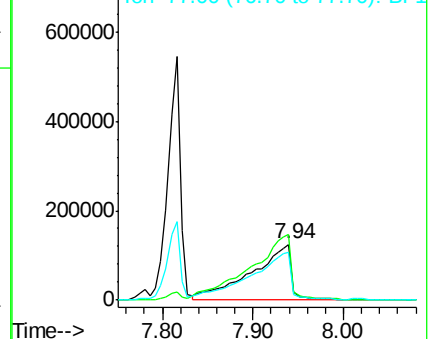
122 100

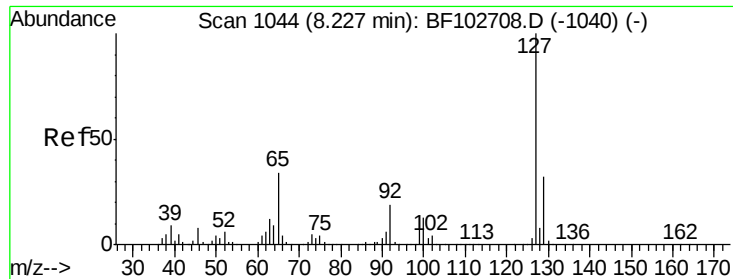
105 118.8 101.1 141.1

77 86.4 70.7 110.7



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





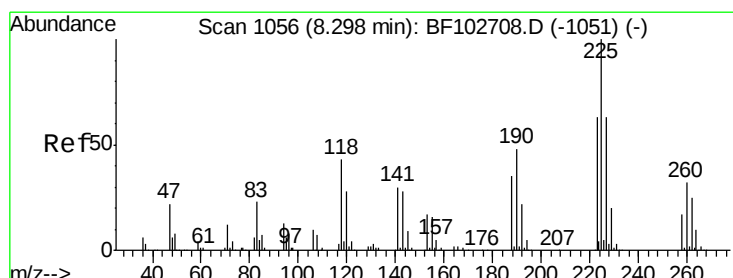
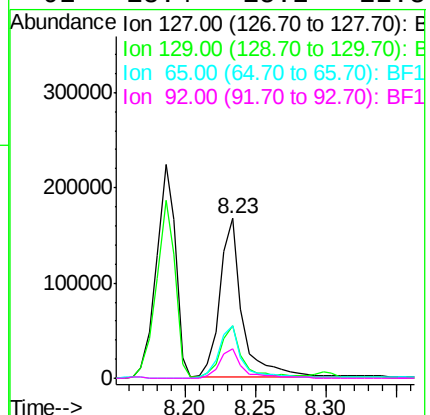
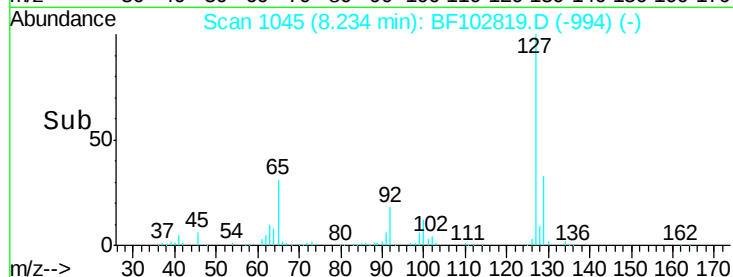
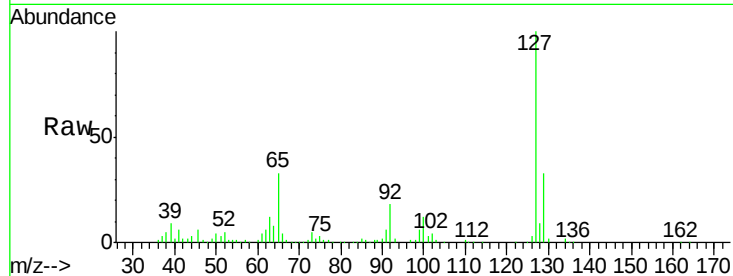
#33
4-Chloroaniline
Concen: 11.154 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	33.1	25.0	37.4		
92	18.4	15.2	22.8		

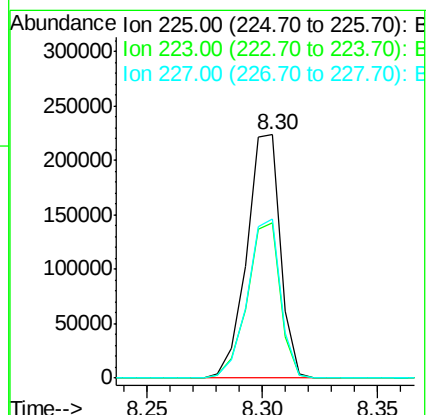
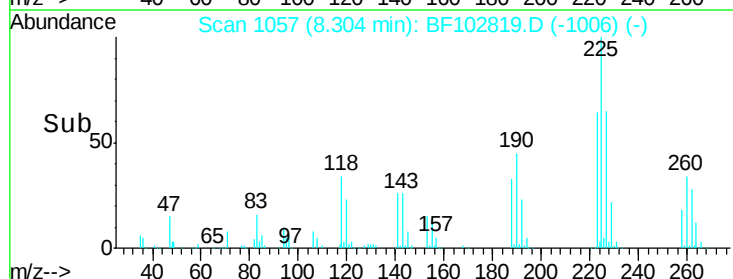
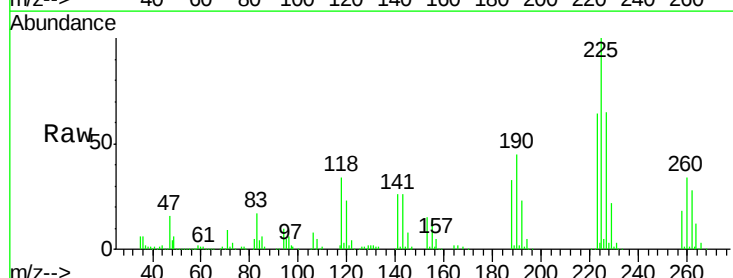
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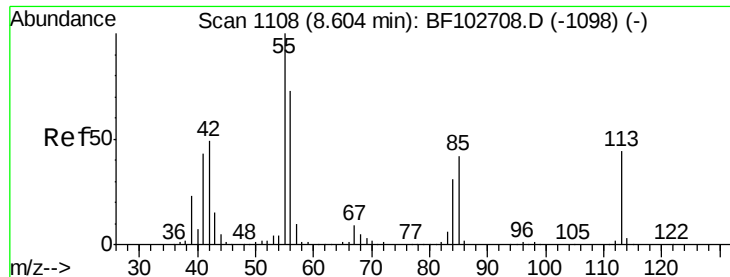
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#34
Hexachlorobutadiene
Concen: 38.845 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.6	76.0		
227	65.3	51.9	77.9		





#35

Caprolactam

Concen: 47.500 ng/ml

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampled :

PB106347BS

Tot Ion:113 Resp: 167045

Ion Ratio Lower Upper

113 100

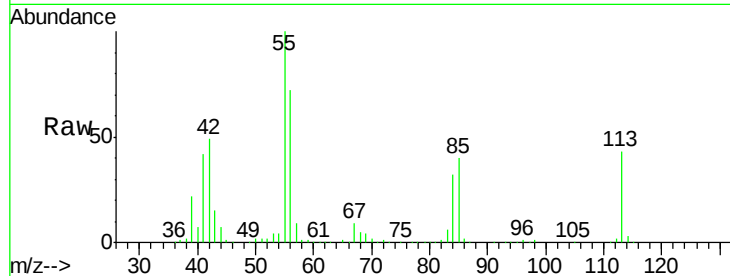
55 230.2 163.3 203.3#

56 166.4 115.7 155.7#

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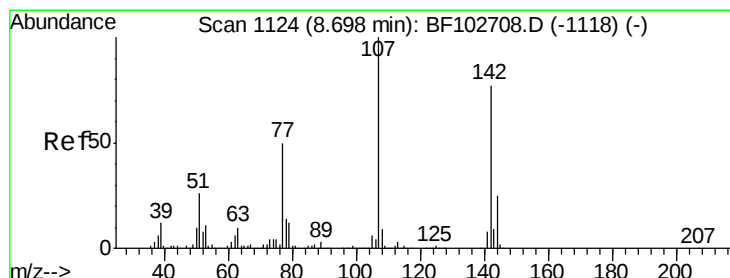
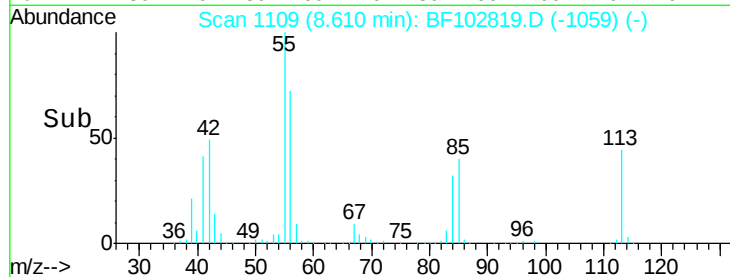
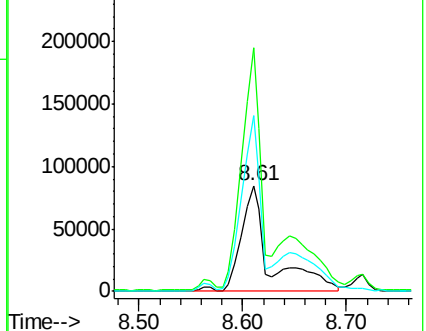
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.258 ng/ml

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

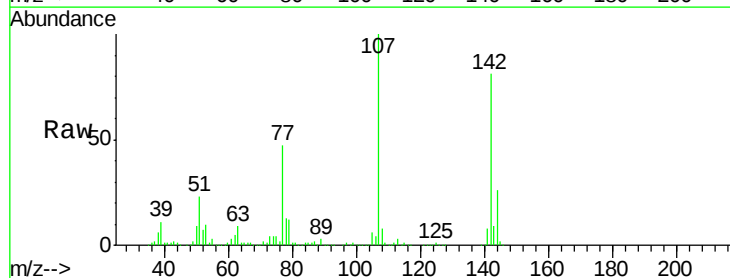
Tgt Ion:107 Resp: 514940

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

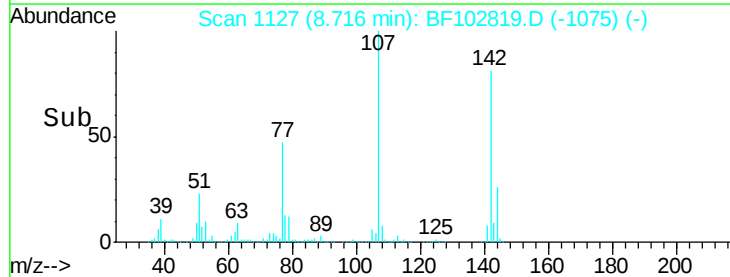
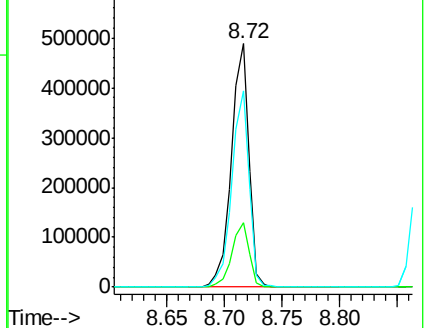
142 80.6 62.0 93.0

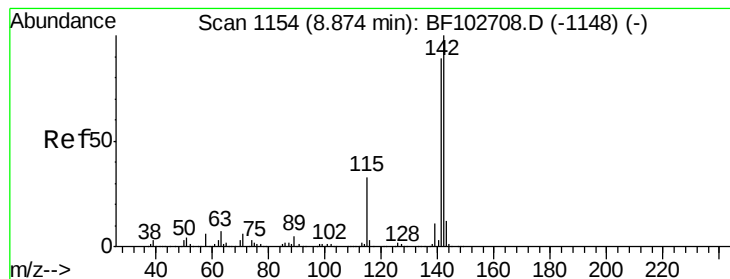


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





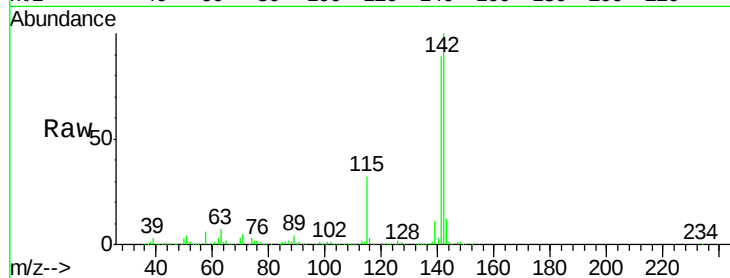
#37
2-Methylnaphthalene
Concen: 40.952 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

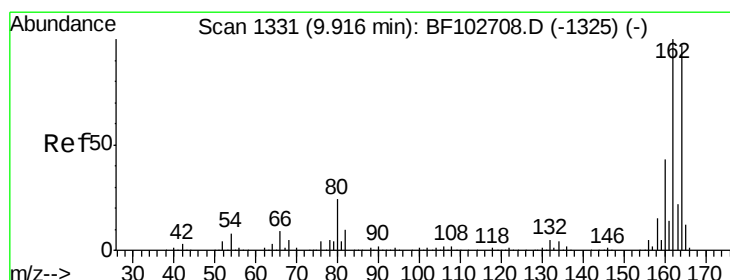
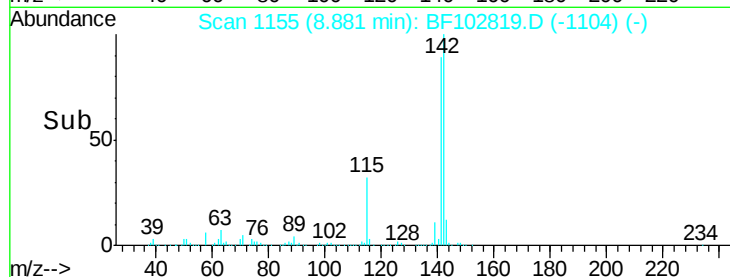
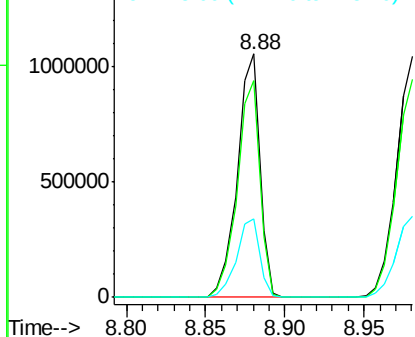
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	32.3	26.1	39.1

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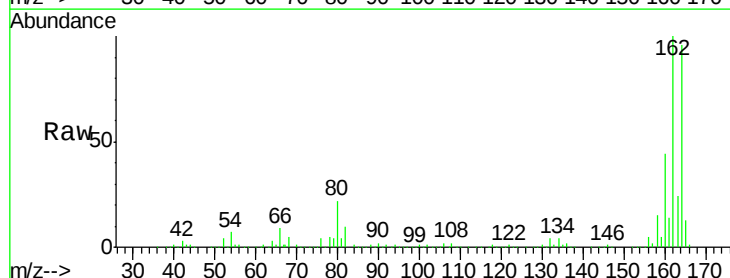


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

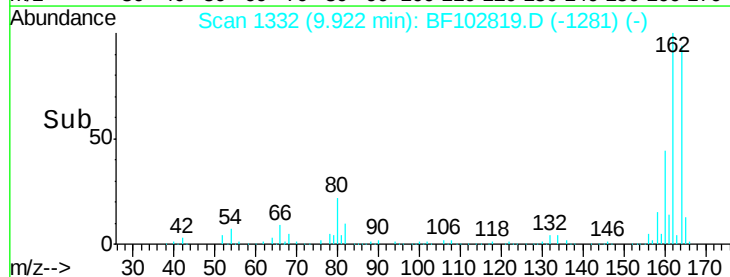
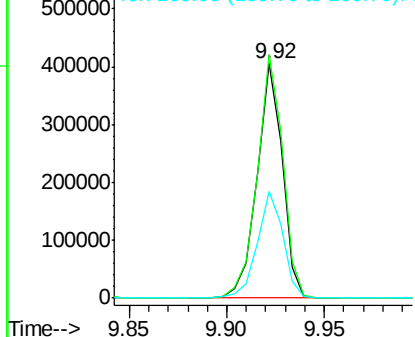


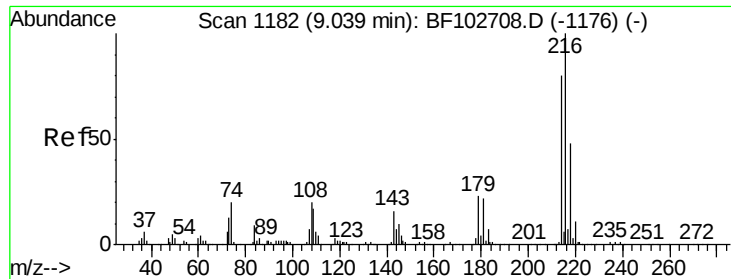
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





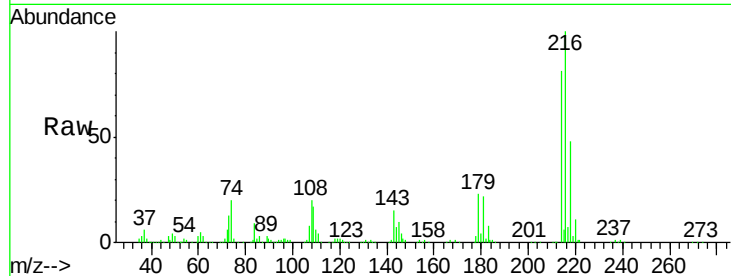
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.516 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

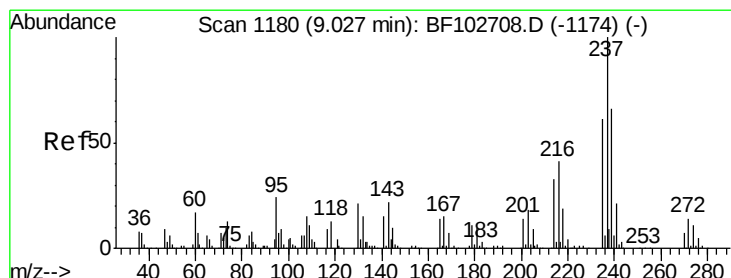
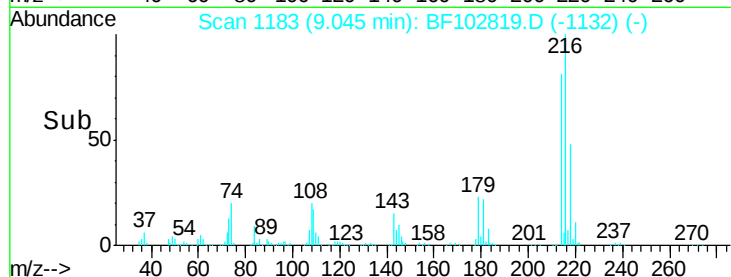
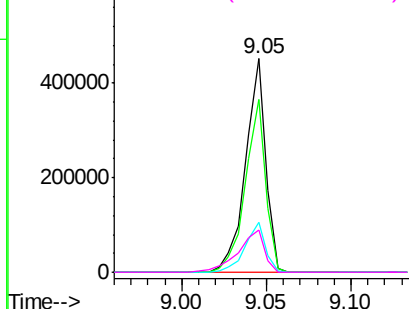
Tot Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.0	94.4
179	23.0	18.1	27.1
108	25.4	17.2	25.8

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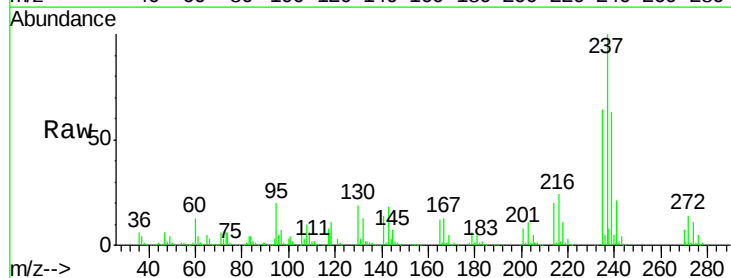


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

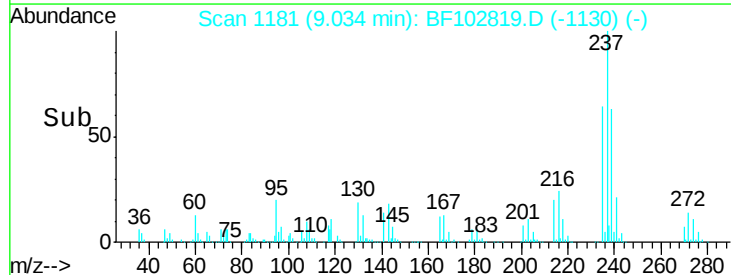
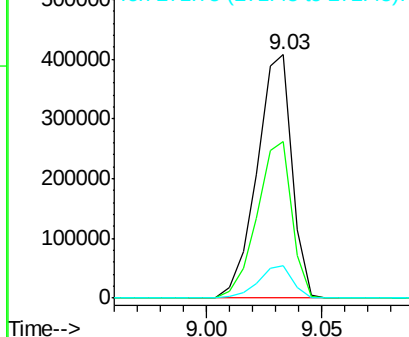


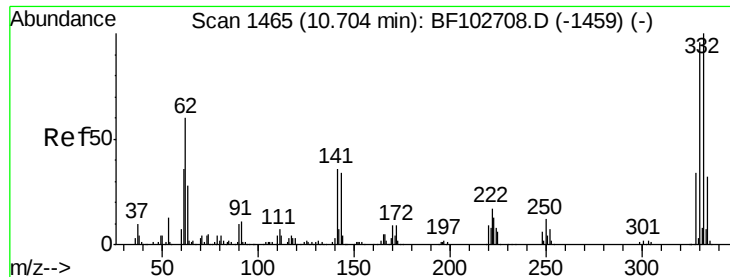
#40
 Hexachlorocyclopentadiene
 Concen: 91.282 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.4	44.8	84.8
272	13.5	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





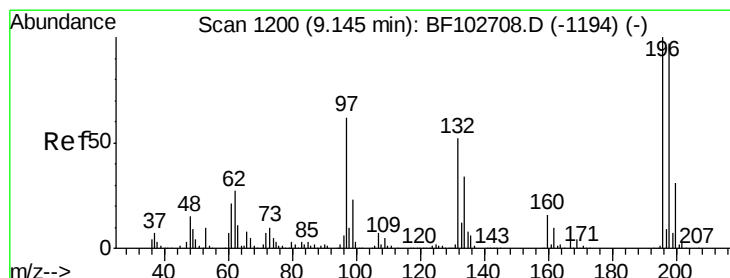
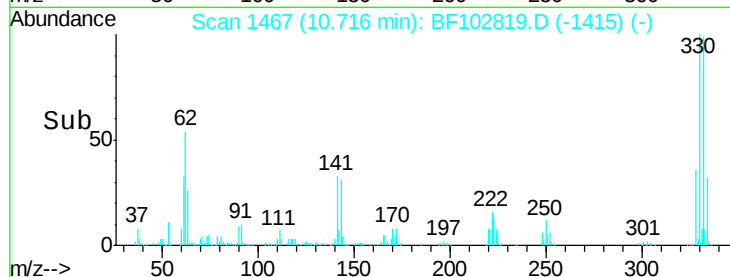
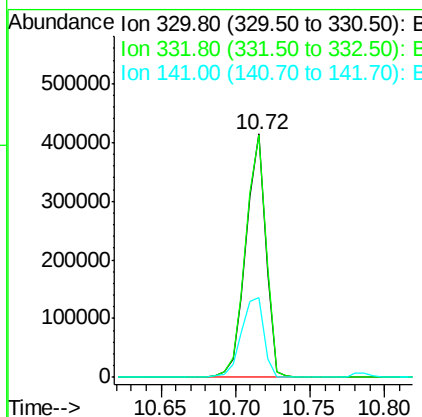
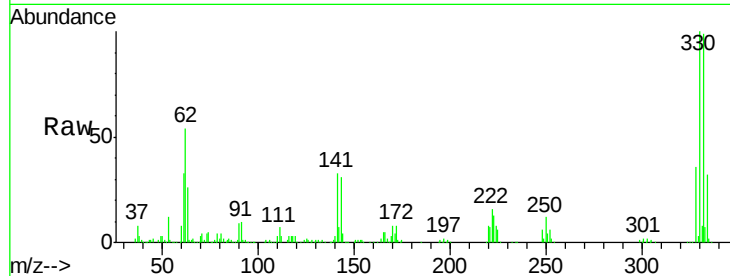
#41
 2,4,6-Tribromophenol
 Concen: 131.926 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampled :
 PB106347BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.6	77.0	115.6	
141	37.3	29.9	44.9	

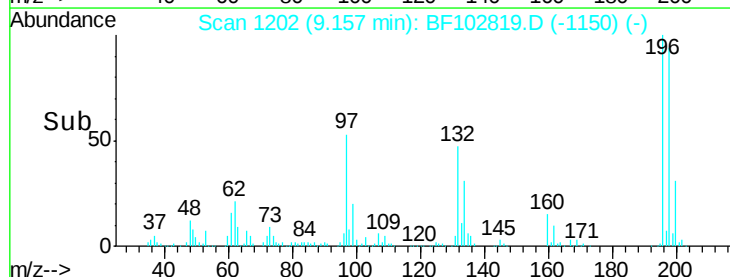
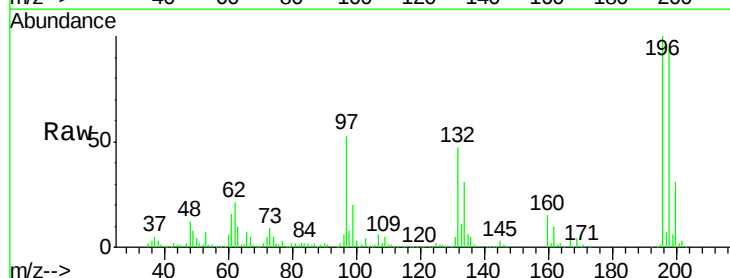
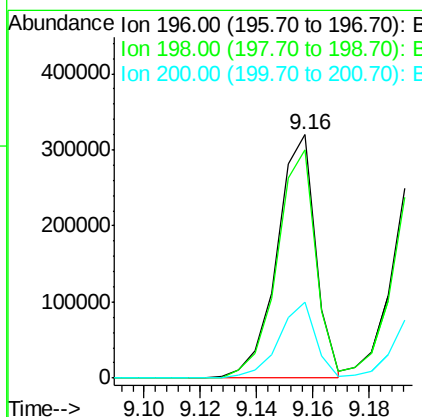
Manual Integrations
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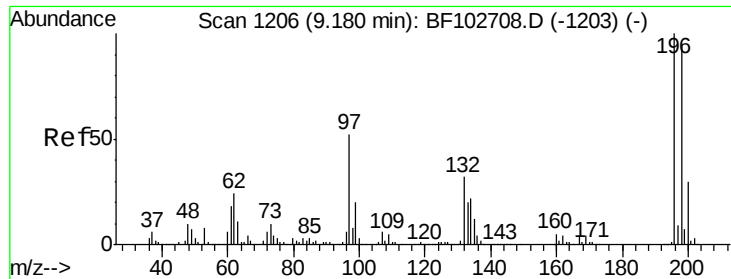
Sohil
 2/8/2018 1:41:18 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.724 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.0	75.7	113.5	
200	31.4	24.5	36.7	





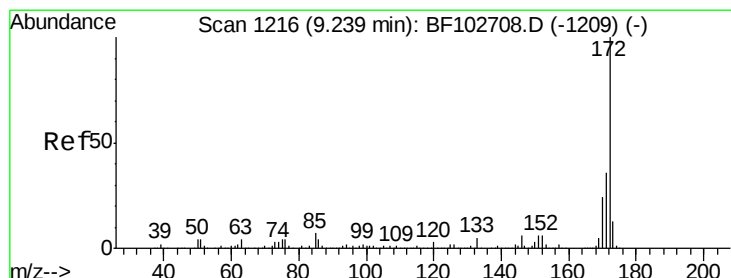
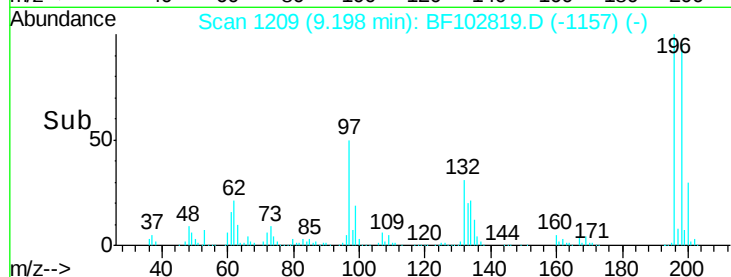
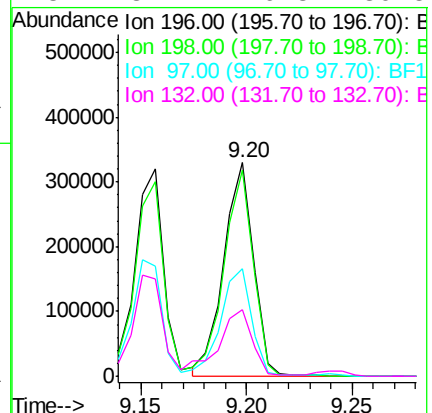
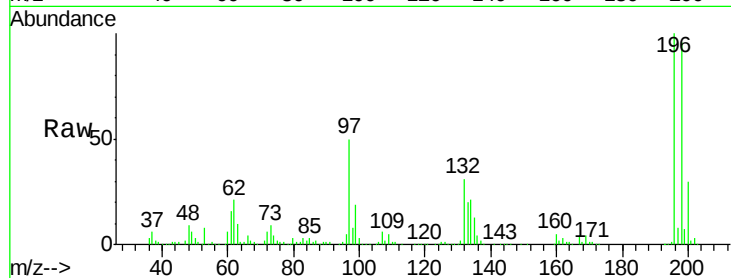
#43
 2,4,5-Trichlorophenol
 Concen: 43.637 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		319743		
198	96.5	74.6	112.0		
97	50.3	42.9	64.3		
132	31.1	26.3	39.5		

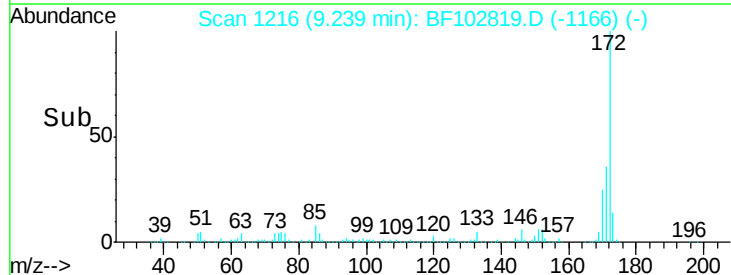
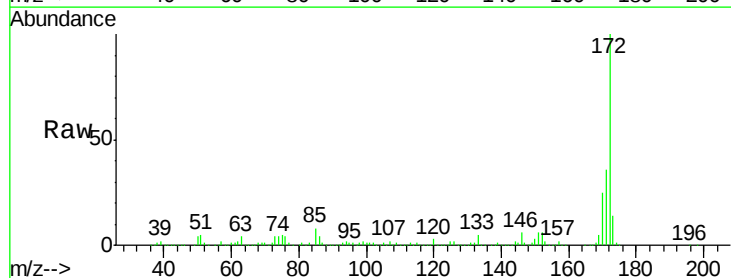
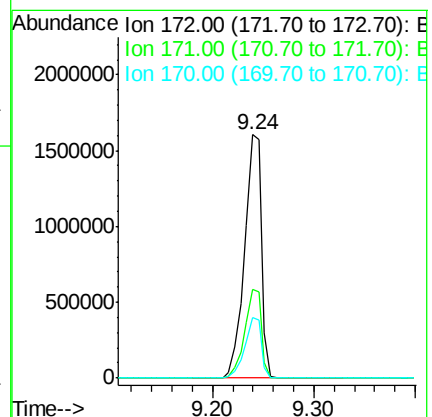
Manual Integrations
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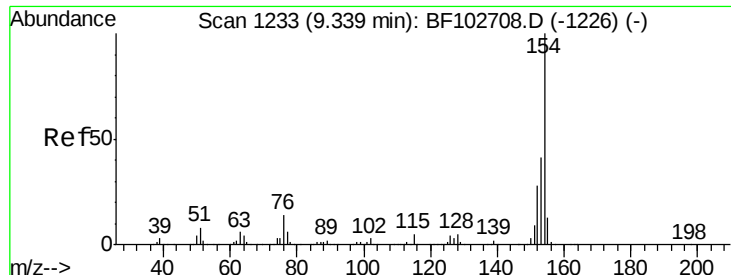
Sohil
 2/8/2018 1:41:18 PM



#44
 2-Fluorobiphenyl
 Concen: 84.417 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1849279		
171	36.4	29.7	44.5		
170	24.6	19.6	29.4		





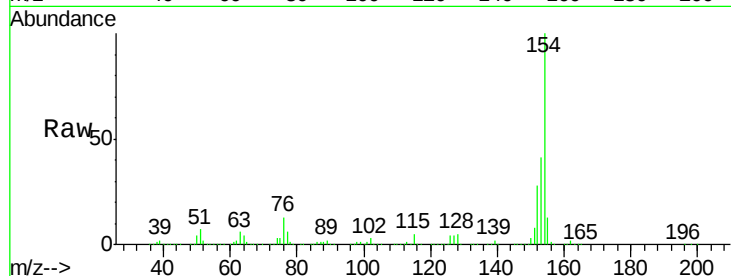
#45
1,1'-Biphenyl
Concen: 38.960 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

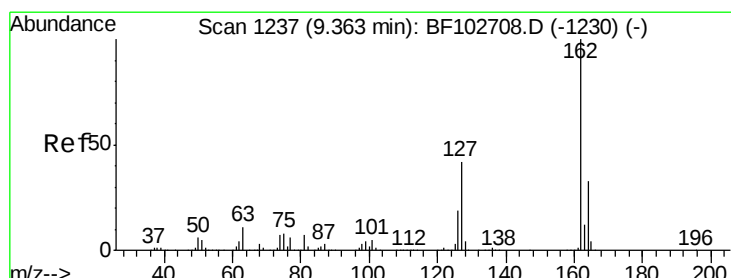
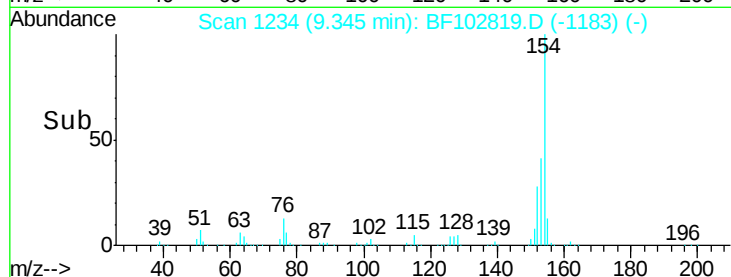
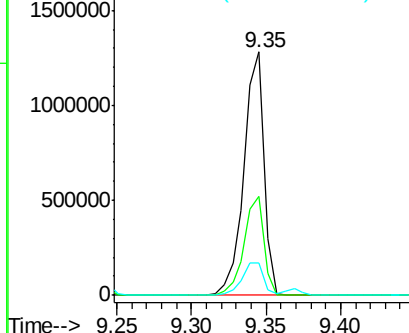
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.5	0.0	34.0

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2/8/2018 1:41:18 PM

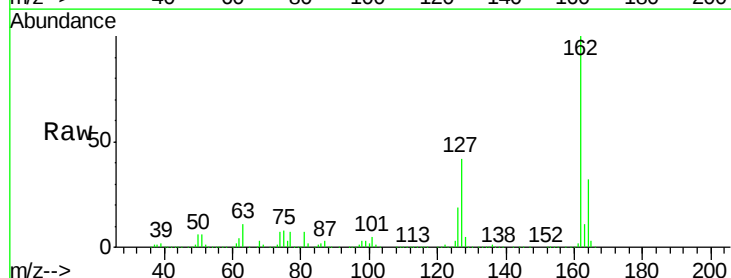


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

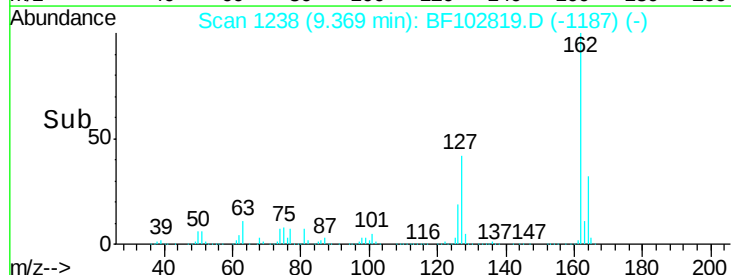
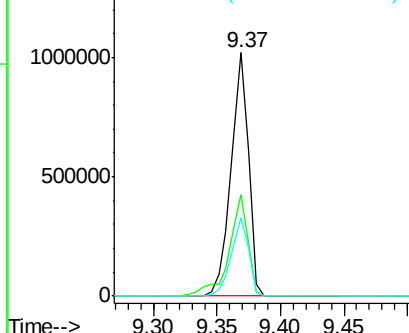


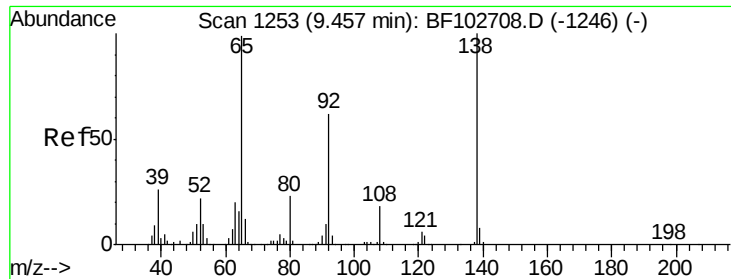
#46
2-Chloronaphthalene
Concen: 39.864 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	32.4	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





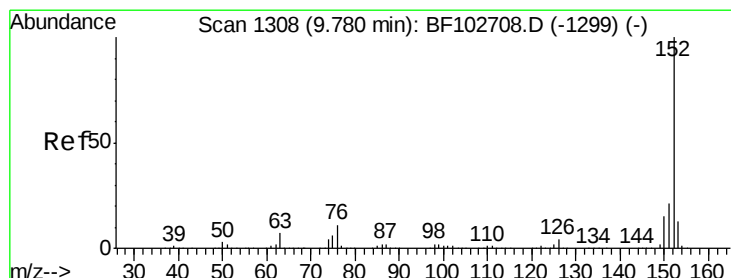
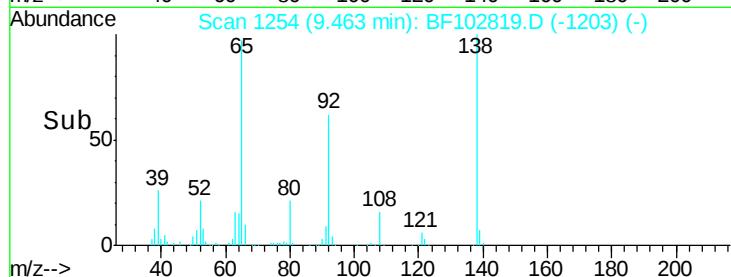
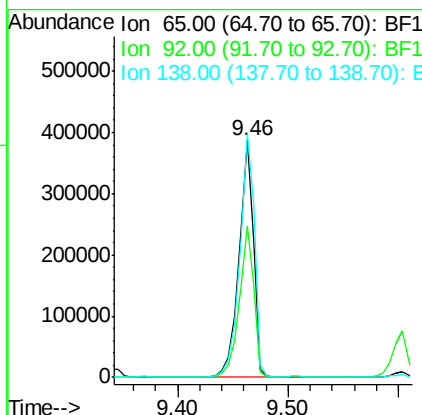
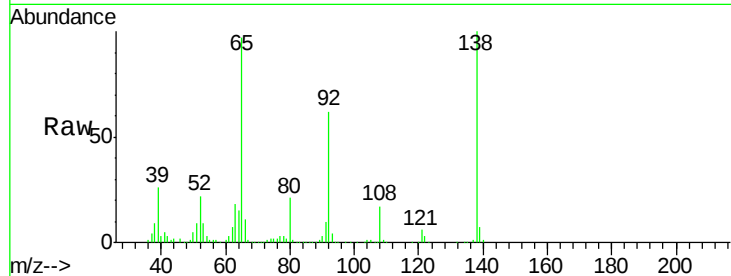
#47
2-Nitroaniline
Concen: 48.224 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.8	83.6
138	102.9	91.2	136.8

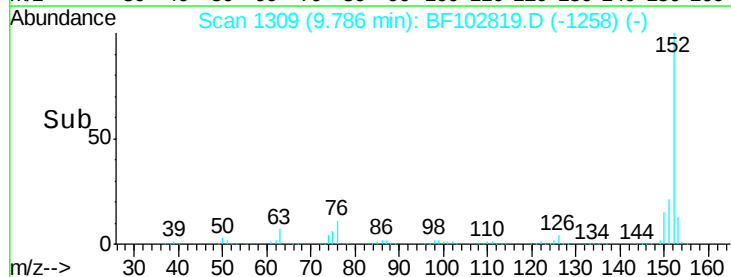
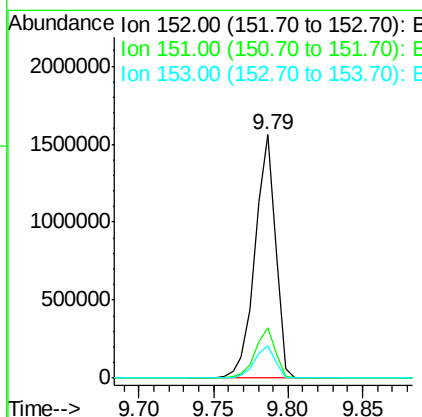
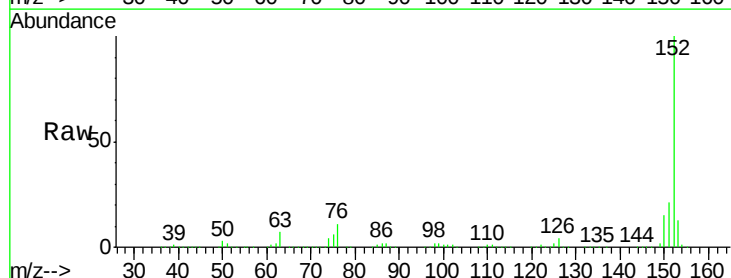
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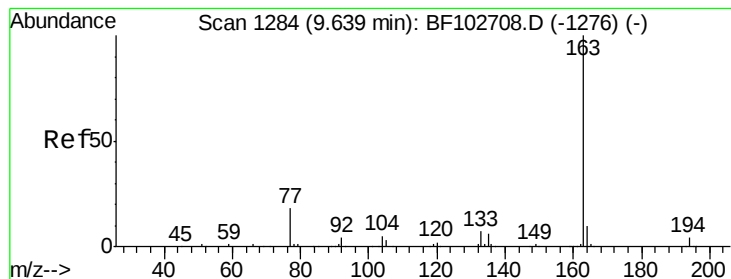
Sohil
2/8/2018 1:41:18 PM



#48
Acenaphthylene
Concen: 39.094 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.2	10.7	16.1





#49

Dimethylphthalate

Concen: 39.889 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

PB106347BS

Tot Ion:163 Resp: 1130576

Ion Ratio Lower Upper

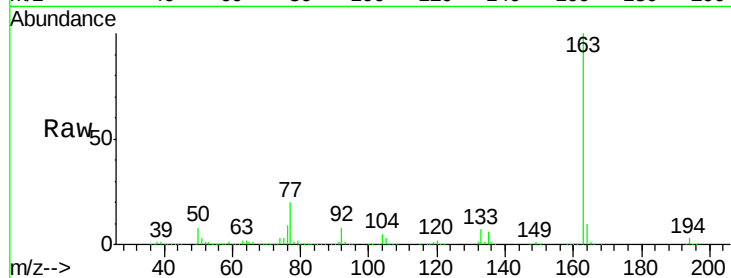
163 100

194 3.5 2.7 4.1

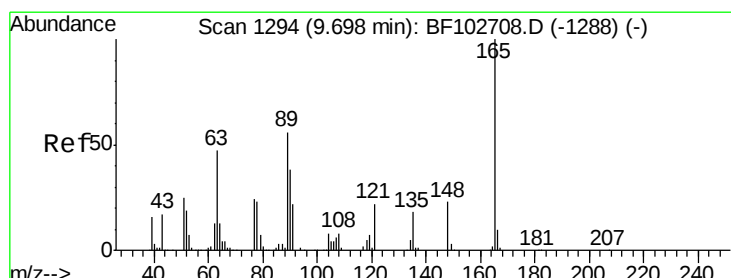
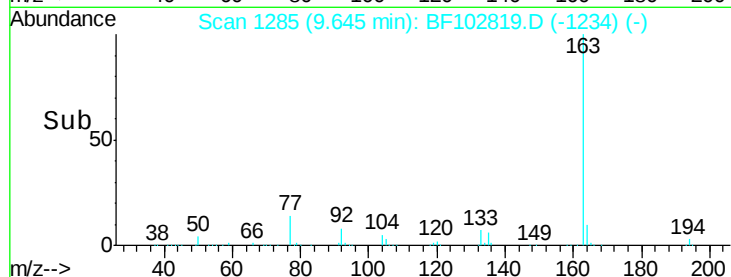
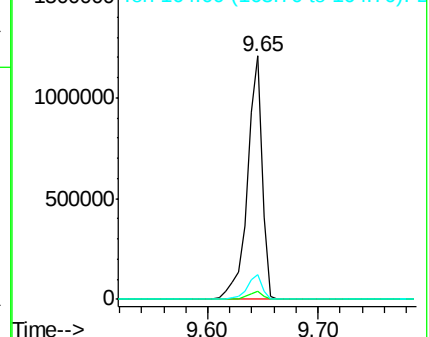
164 10.1 8.2 12.2

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



#50

2,6-Dinitrotoluene

Concen: 47.618 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

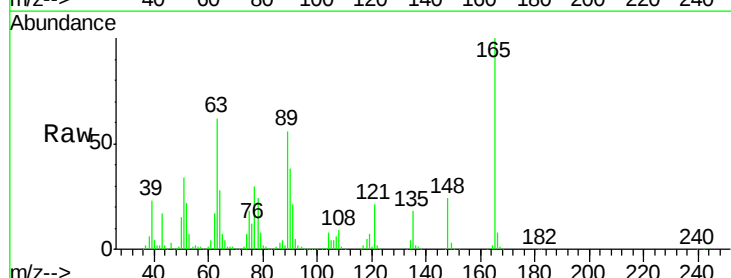
Tgt Ion:165 Resp: 256775

Ion Ratio Lower Upper

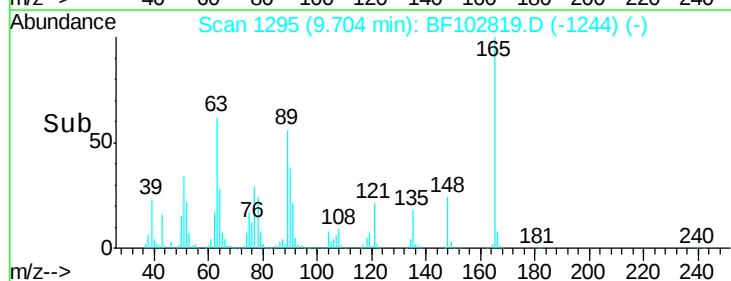
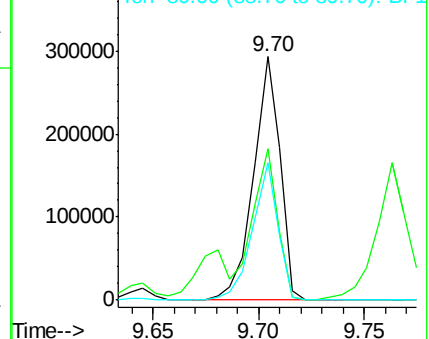
165 100

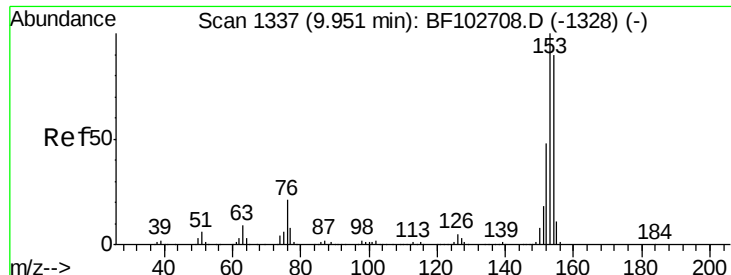
63 62.2 44.7 67.1

89 56.3 44.0 66.0



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





#51

Acenaphthene

Concen: 43.767 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

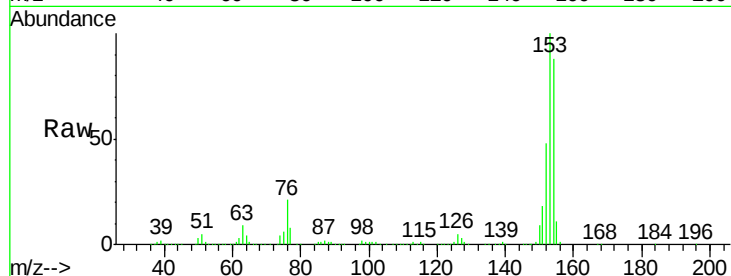
ClientSampleId :

PB106347BS

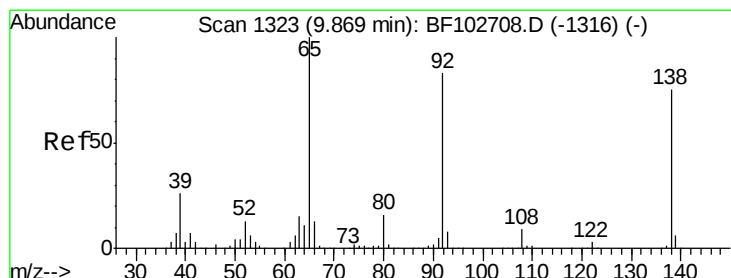
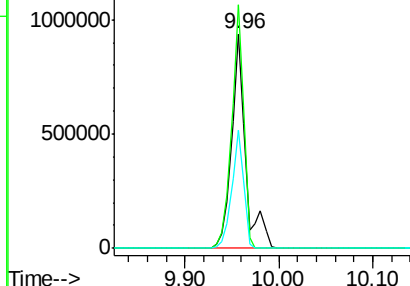
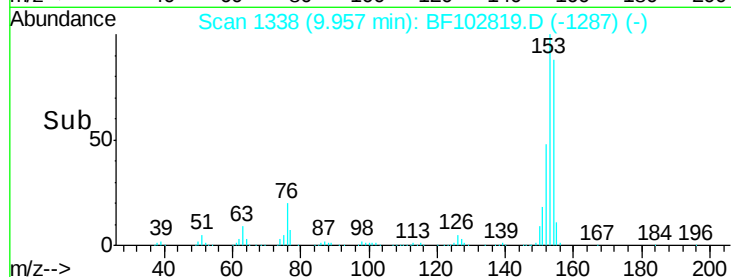
Tot Ion:	154	Resp:	979891
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.2	136.8
152	55.0	43.8	65.8

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2/8/2018 1:41:18 PM



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: 26.737 ng

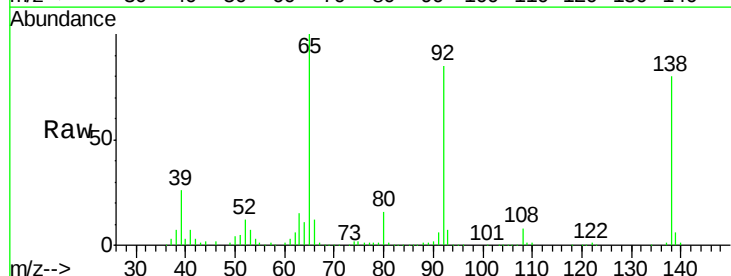
RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

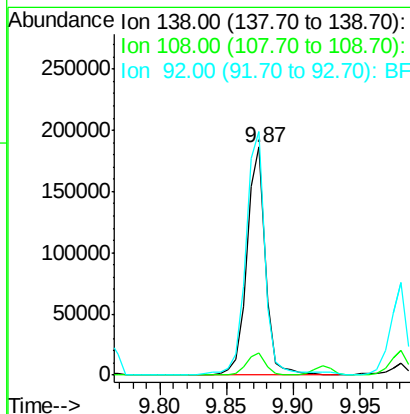
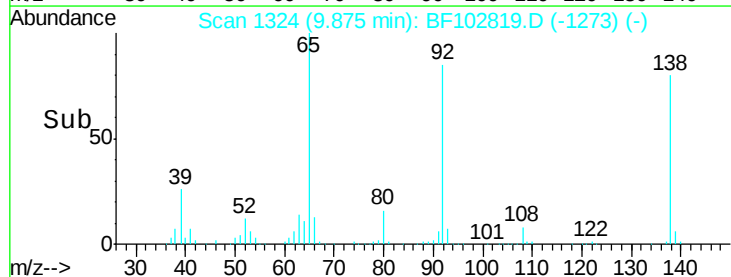
Lab File: BF102819.D

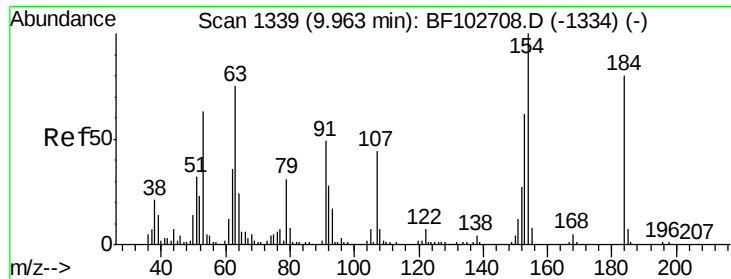
Acq: 7 Feb 2018 17:37

Tgt Ion:	138	Resp:	177399
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.4	14.0
92	106.8	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





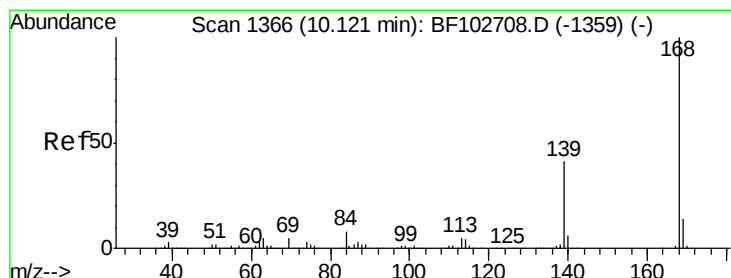
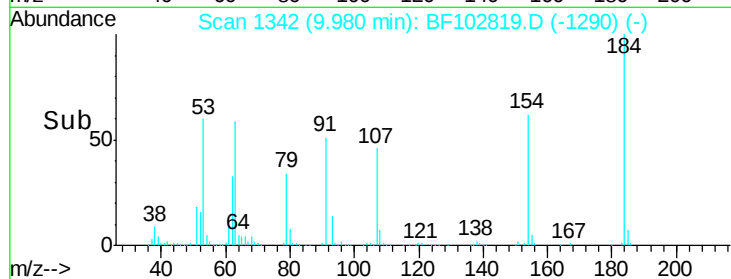
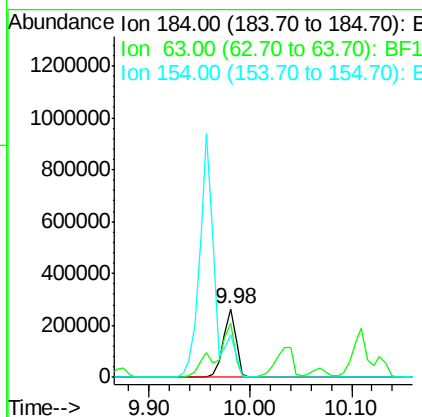
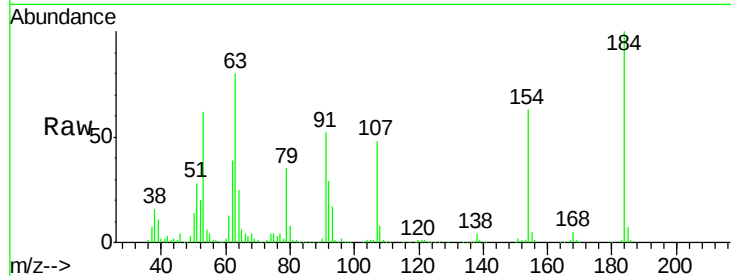
#53
2,4-Dinitrophenol
Concen: 105.613 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampled :
PB106347BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.6	54.2	81.2
154	62.6	184.0	276.0#

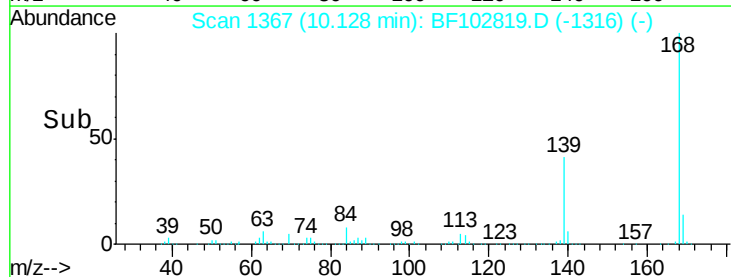
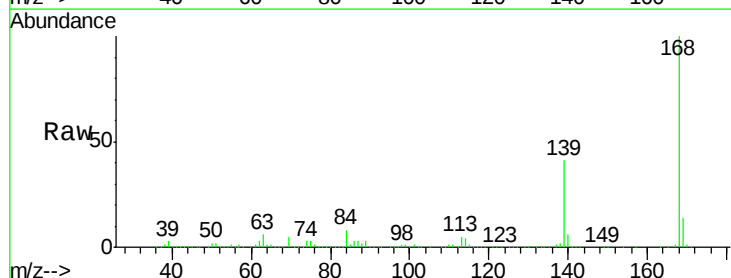
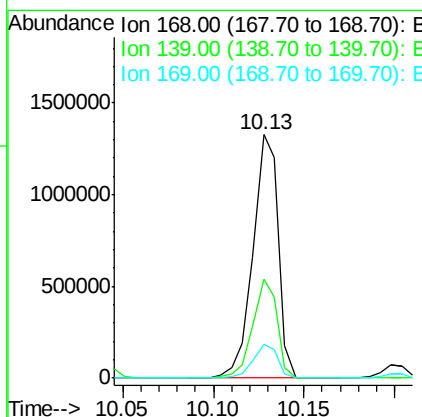
Manual Integrations
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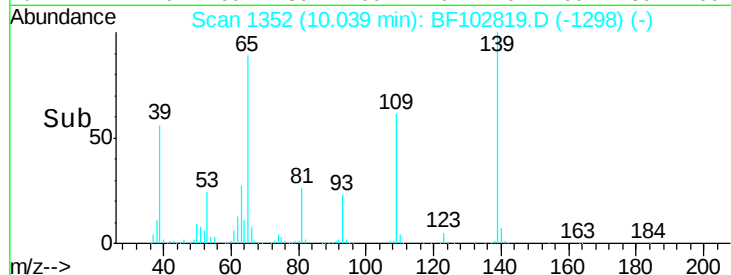
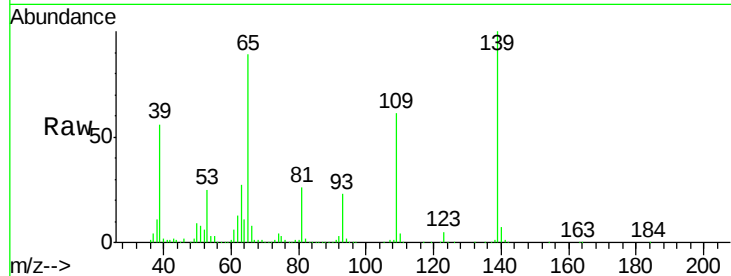
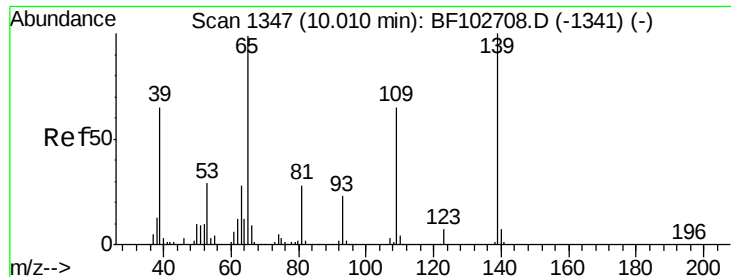
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#54
Dibenzofuran
Concen: 40.714 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.1	45.1
169	13.8	10.9	16.3





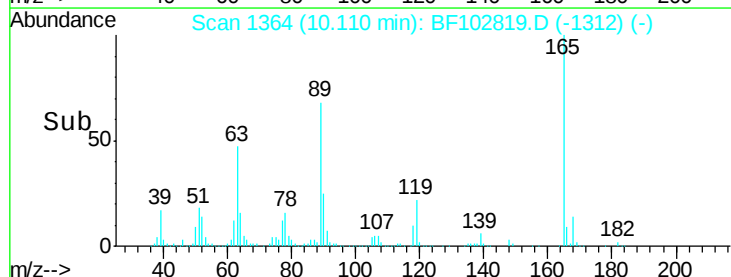
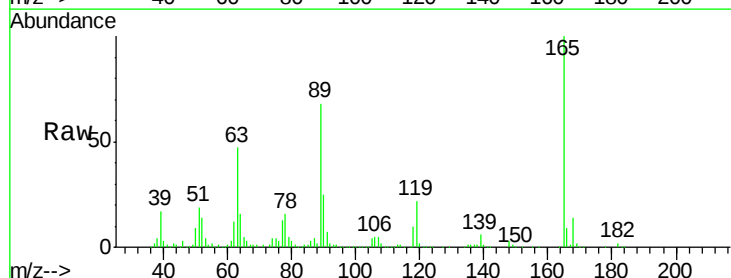
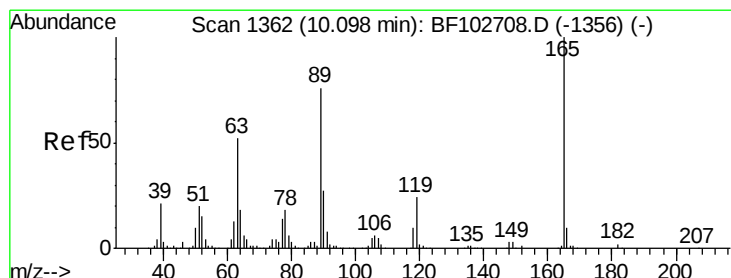
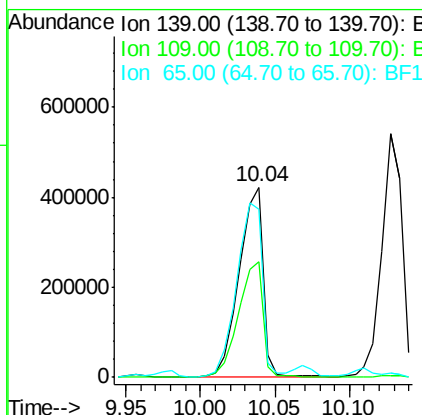
#55
4-Nitrophenol
Concen: 86.503 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	473543		
109	60.8	48.4	88.4	
65	88.7	72.6	112.6	

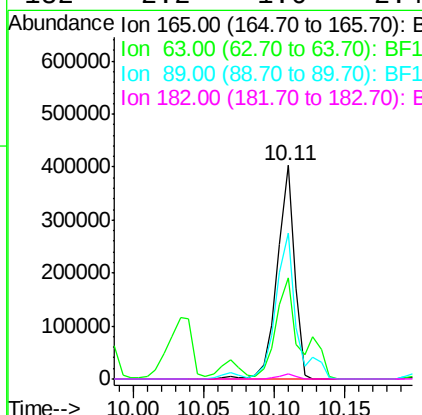
Manual Integrations
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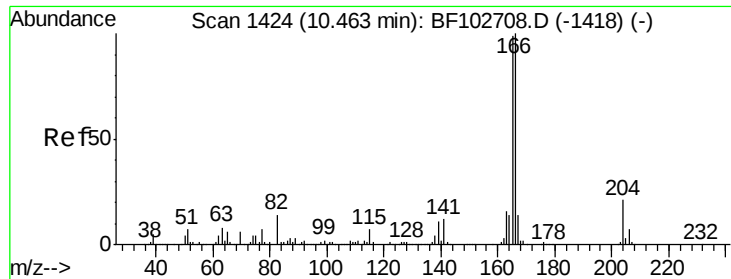
Sohil
2/8/2018 1:41:18 PM



#56
2,4-Dinitrotoluene
Concen: 48.176 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	348497		
63	47.2	36.4	54.6	
89	68.5	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 41.859 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

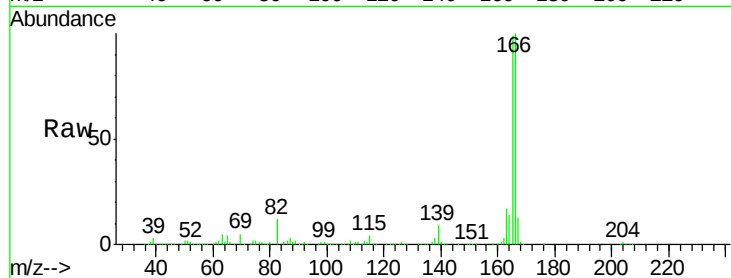
ClientSampleId :

PB106347BS

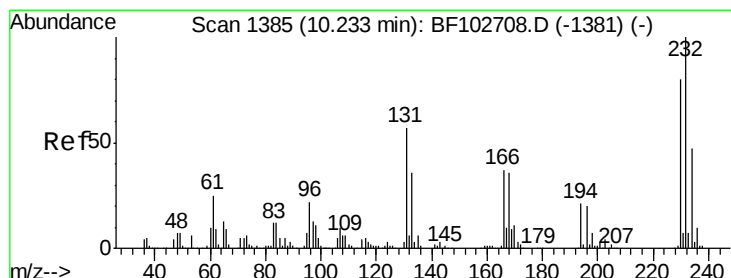
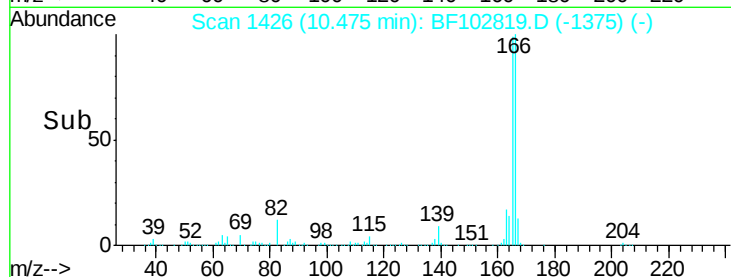
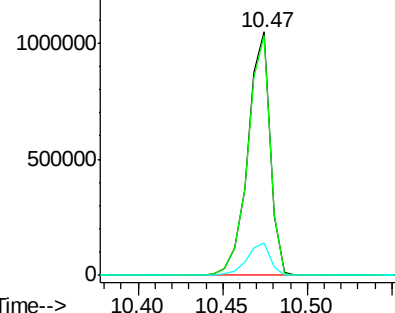
Tot Ion:	166	Resp:	960934
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.8	119.8
167	13.1	10.6	16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.934 ng

RT: 10.25 min Scan# 1387

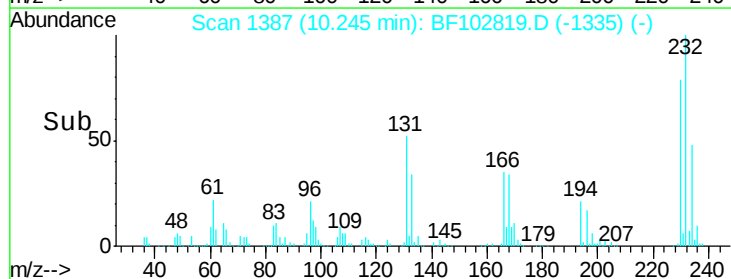
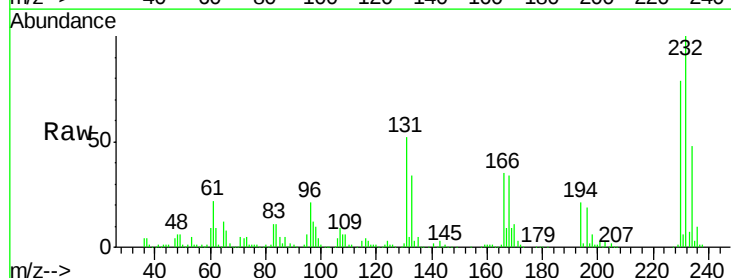
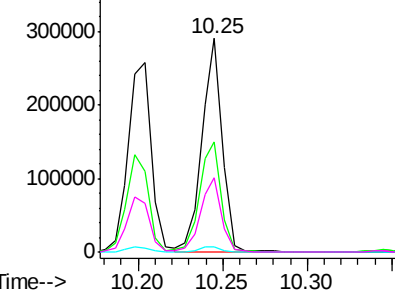
Delta R.T. 0.01 min

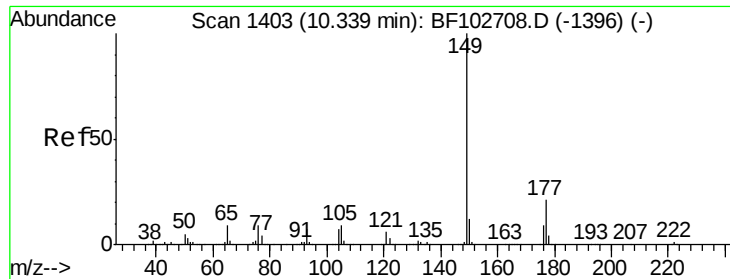
Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:	232	Resp:	243431
Ion Ratio	Lower	Upper	
232	100		
131	54.8	43.8	65.8
130	2.6	2.1	3.1
166	35.7	27.8	41.6

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





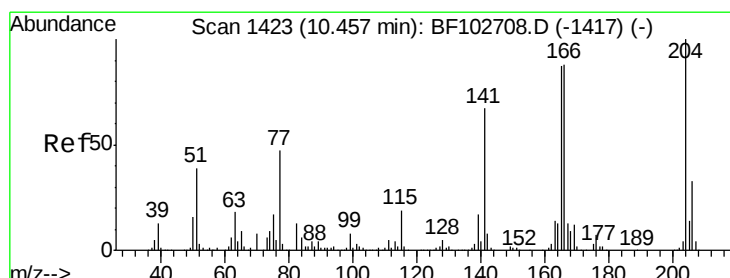
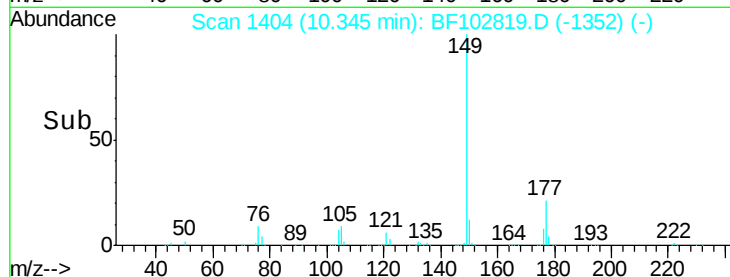
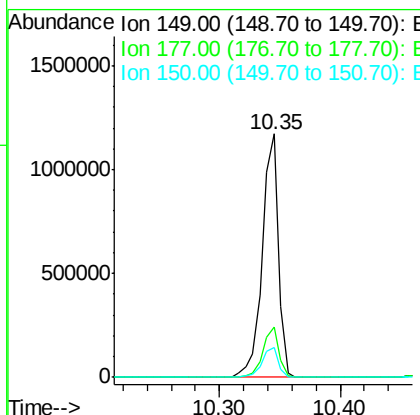
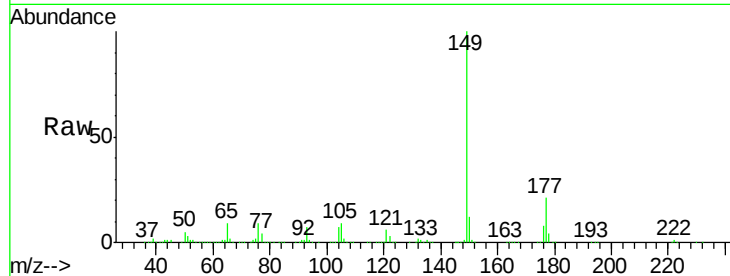
#59
Diethylphthalate
Concen: 39.434 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampled :
PB106347BS

Tot Ion:149 Resp: 1103619
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.3 10.1 15.1

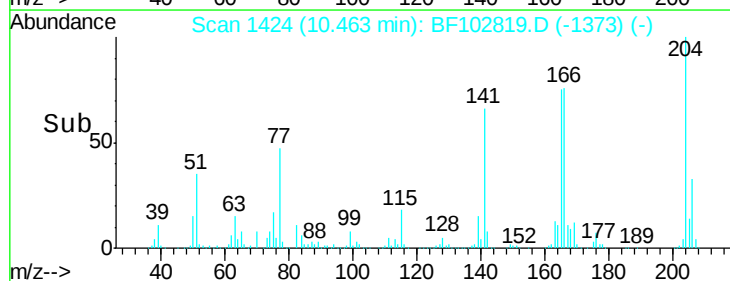
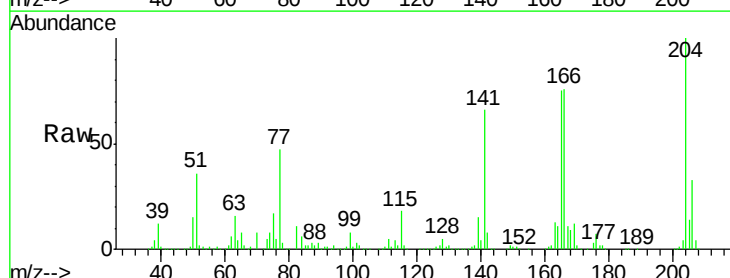
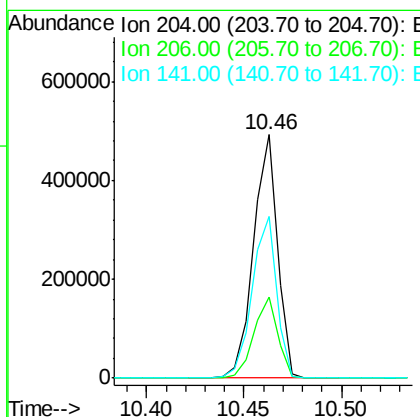
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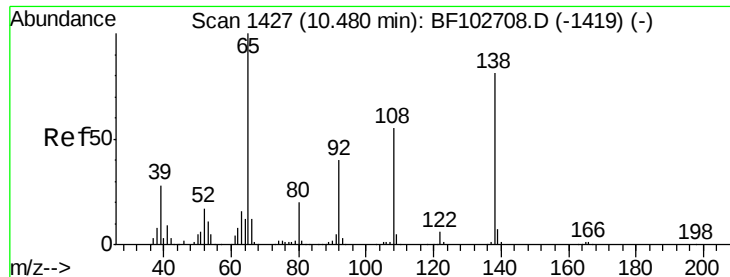
Sohil
2/8/2018 1:41:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.332 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:204 Resp: 419737
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 66.5 54.6 81.8





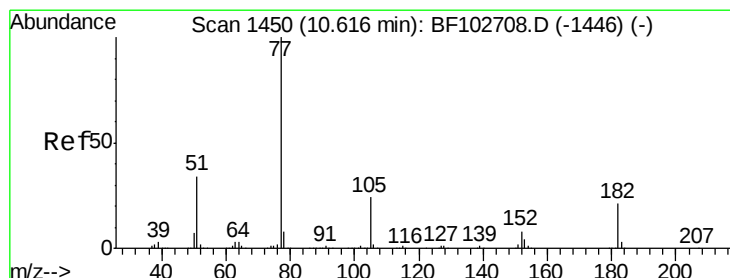
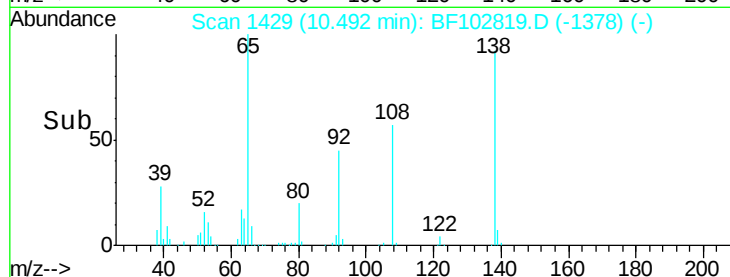
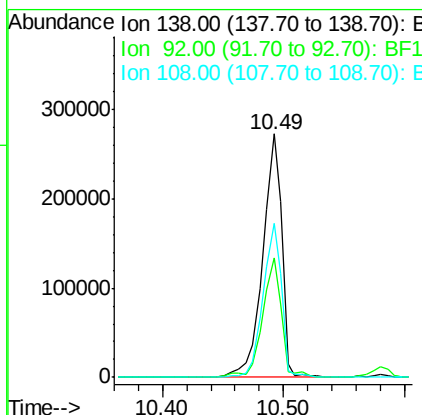
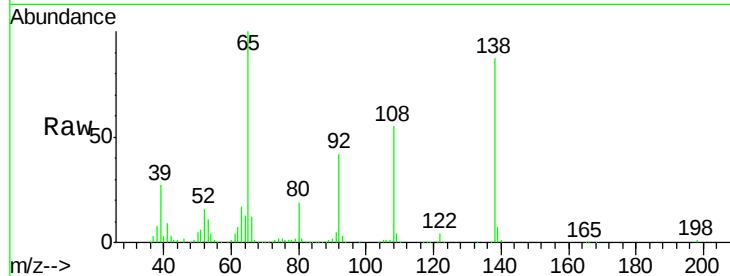
#61
4-Nitroaniline
Concen: 47.733 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.2	70.2
108	63.3	52.5	92.5

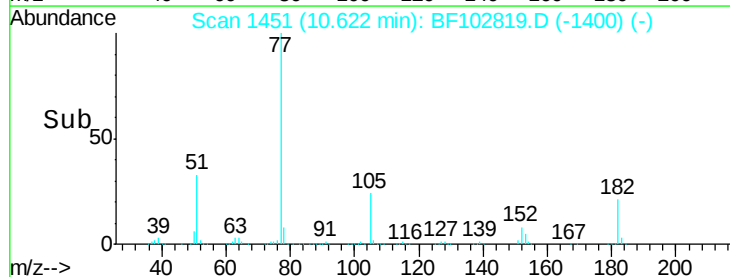
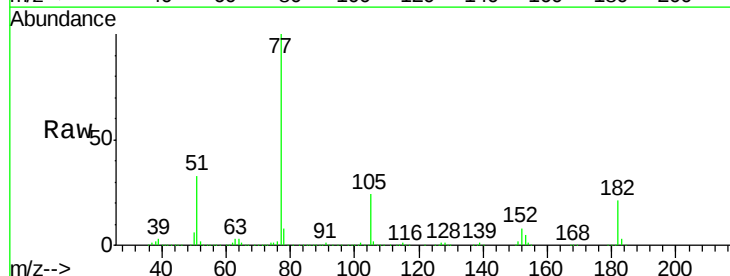
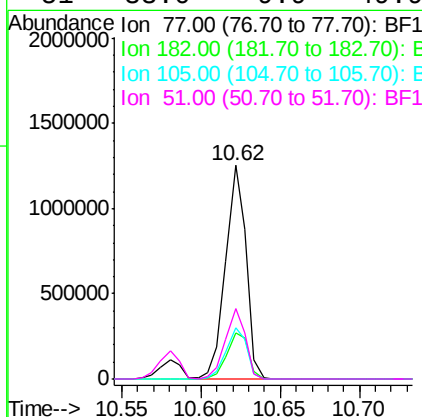
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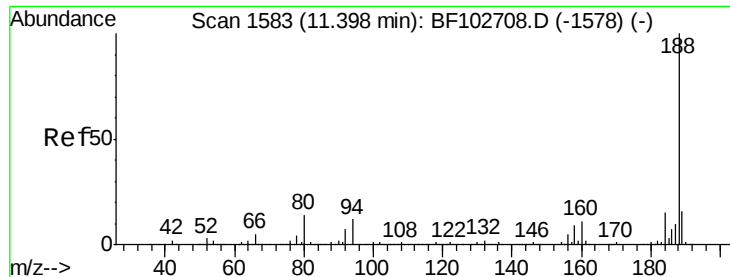
Sohil
2/8/2018 1:41:18 PM



#62
Azobenzene
Concen: 40.071 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.4	1.7	41.7
105	24.0	3.0	43.0
51	33.0	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: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

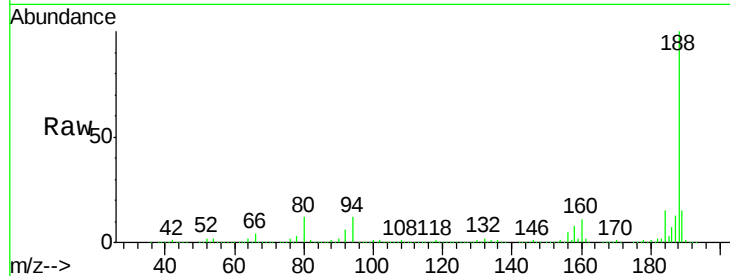
ClientSampleId :

PB106347BS

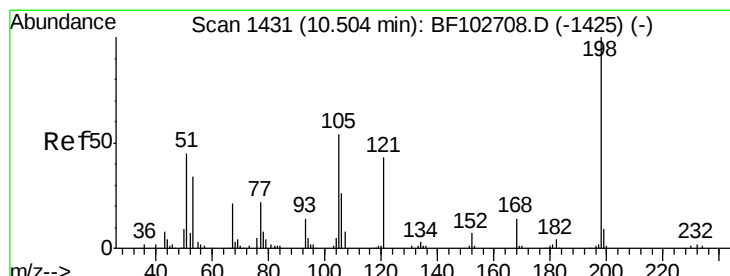
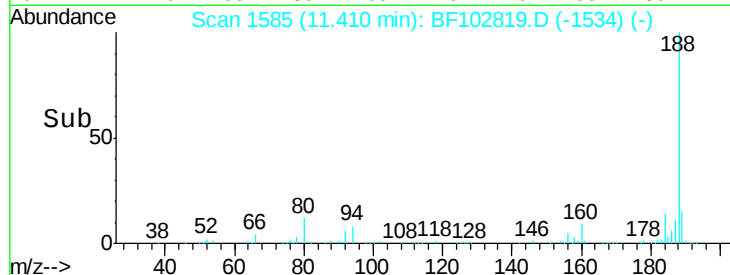
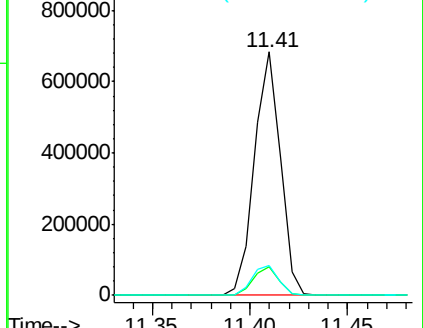
Tot Ion:	188	Resp:	630768
Ion Ratio	Lower	Upper	
188	100		
94	11.7	8.5	12.7
80	12.1	9.2	13.8

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 56.114 ng

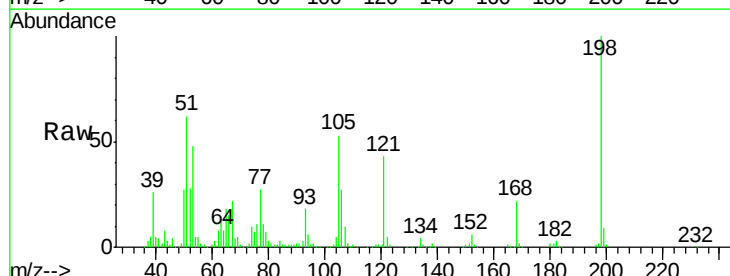
RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

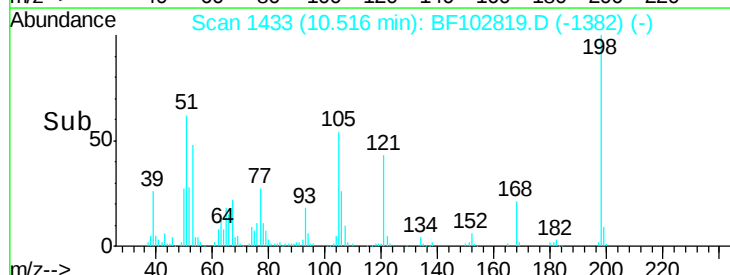
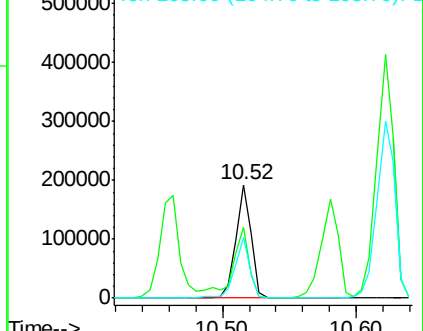
Lab File: BF102819.D

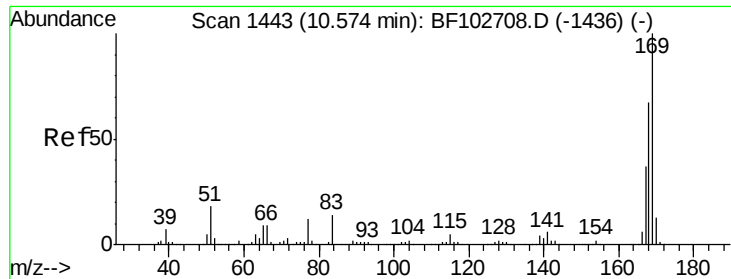
Acq: 7 Feb 2018 17:37

Tgt Ion:	198	Resp:	155799
Ion Ratio	Lower	Upper	
198	100		
51	62.2	37.7	77.7
105	53.4	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.750 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

PB106347BS

Tot Ion:169 Resp: 884398

Ion Ratio Lower Upper

169 100

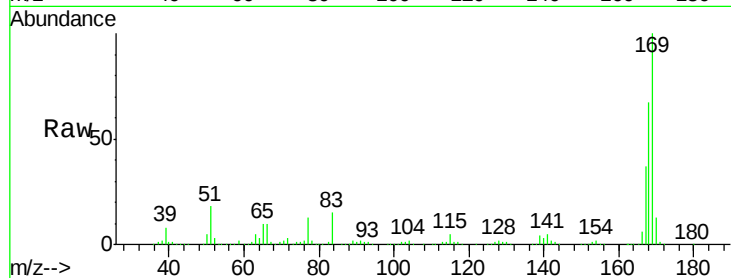
168 67.2 54.4 81.6

167 37.0 29.8 44.6

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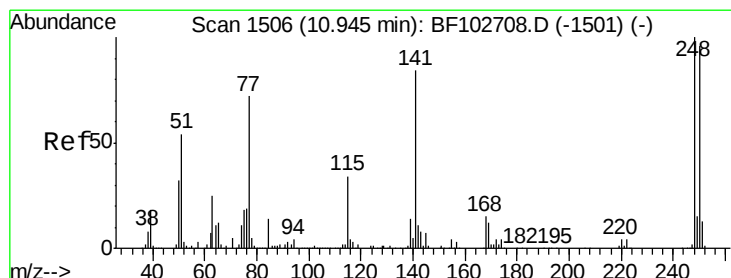
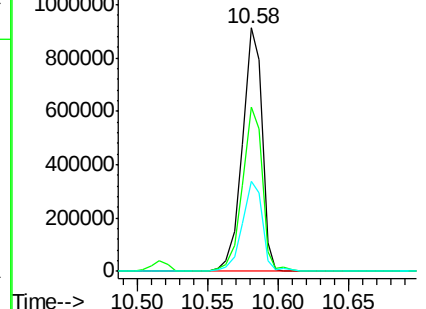
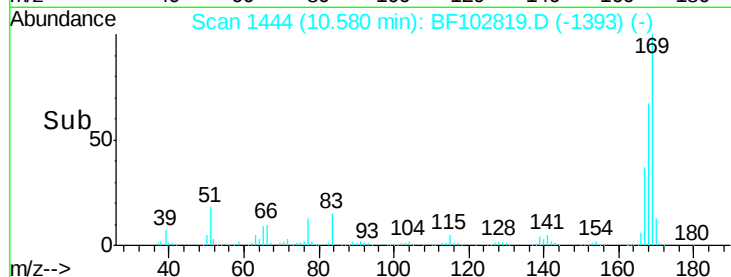
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.944 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

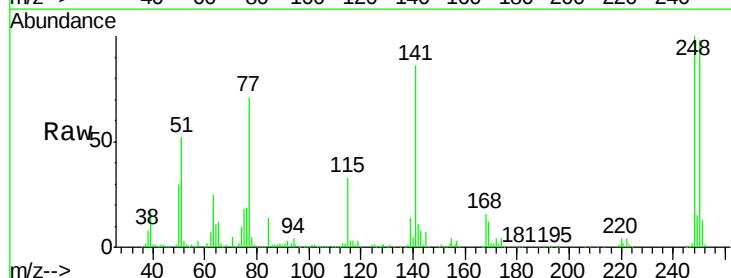
Tgt Ion:248 Resp: 273193

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

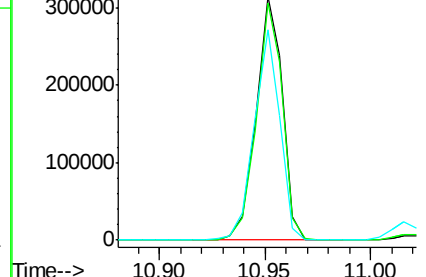
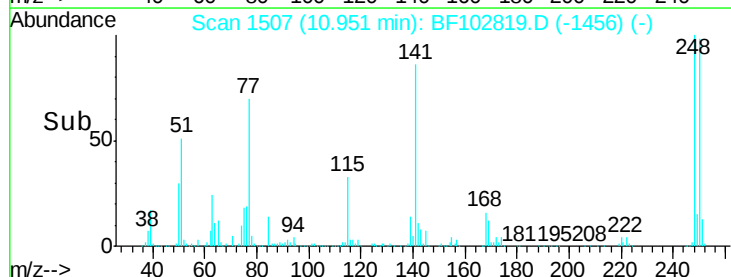
141 86.3 74.4 111.6

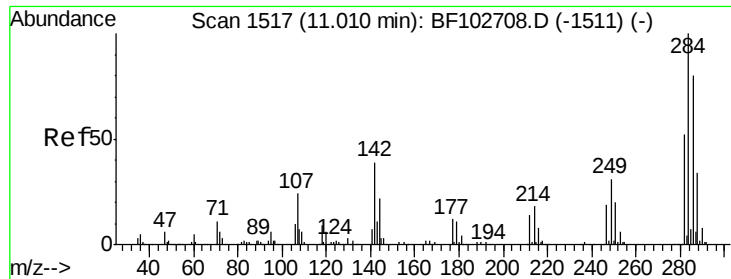


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





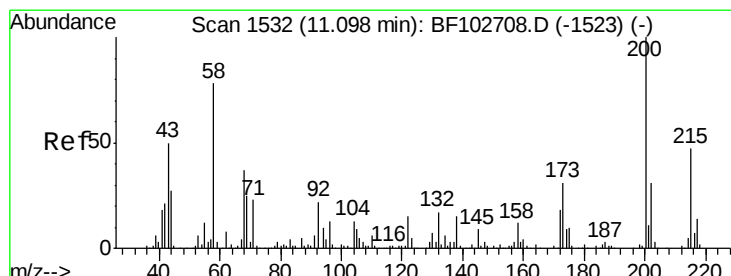
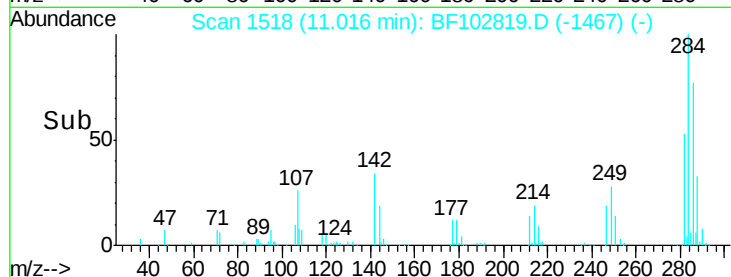
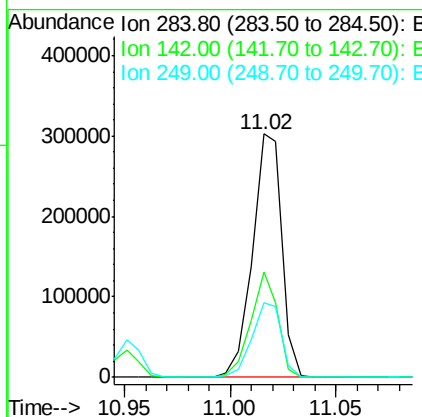
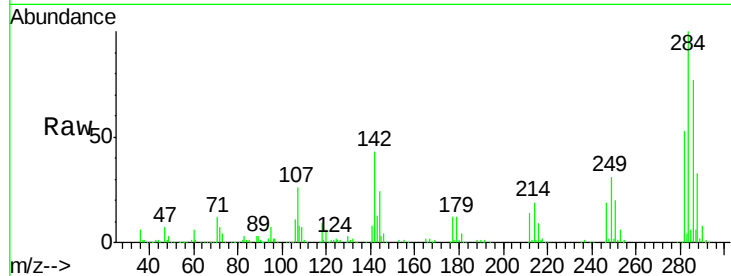
#67
Hexachlorobenzene
Concen: 39.731 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	292457		
142	43.2	34.6	52.0	
249	30.8	24.8	37.2	

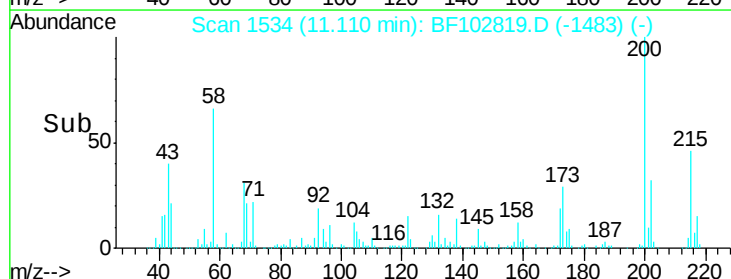
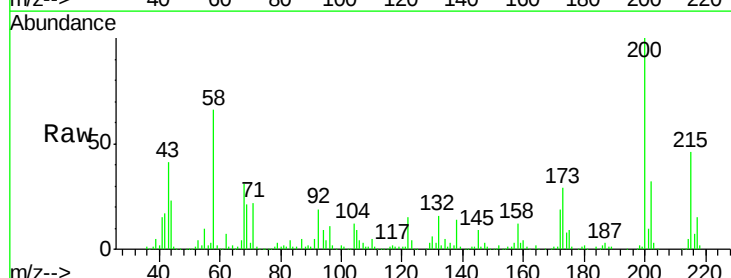
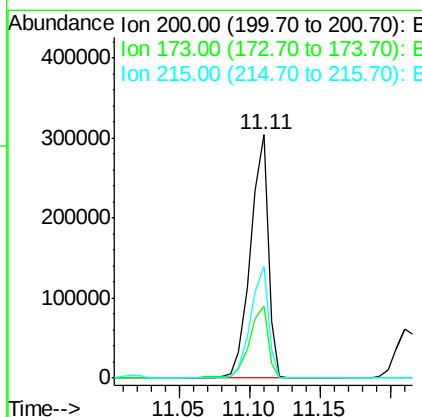
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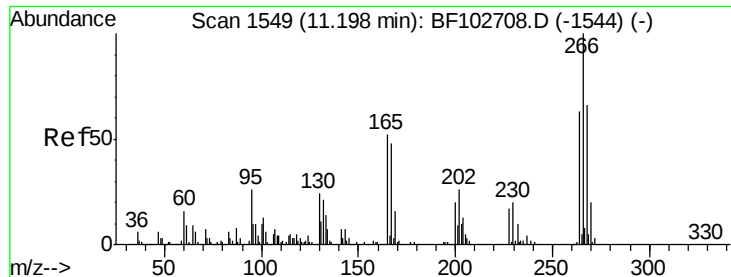
Sohil
2/8/2018 1:41:18 PM



#68
Atrazine
Concen: 41.345 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	271378		
173	29.4	8.6	48.6	
215	46.1	25.1	65.1	





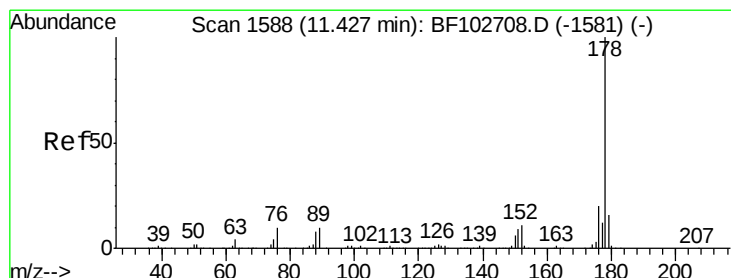
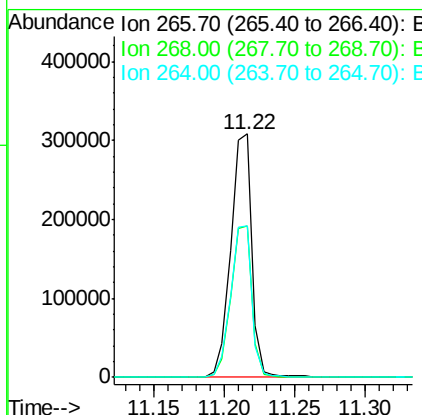
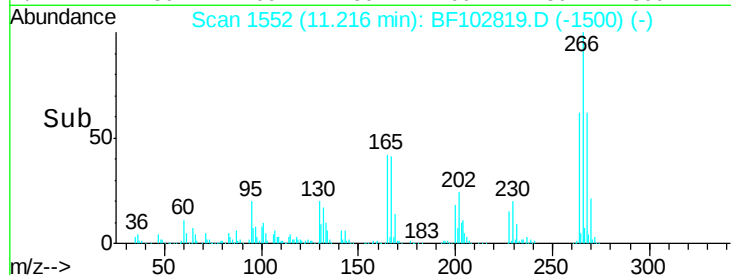
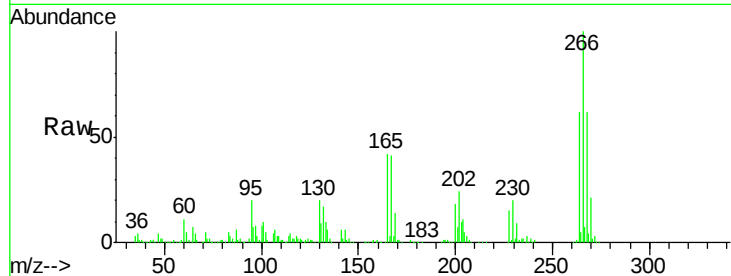
#69
 Pentachlorophenol
 Concen: 74.336 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Tot Ion:	266	Resp:	321201
Ion Ratio		Lower	Upper
266	100		
268	62.3	51.1	76.7
264	62.1	49.5	74.3

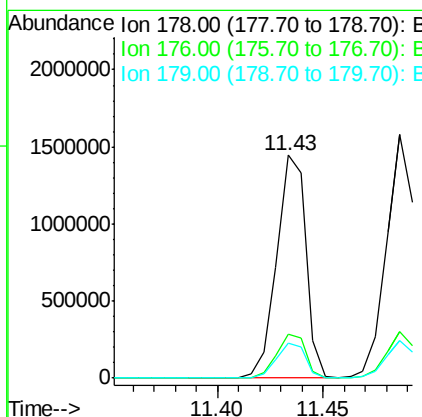
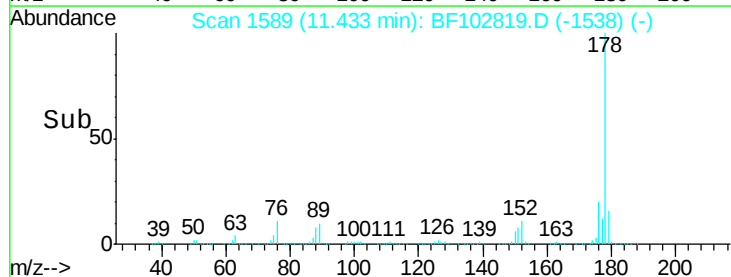
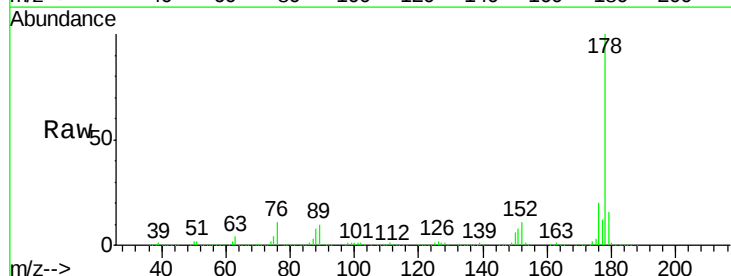
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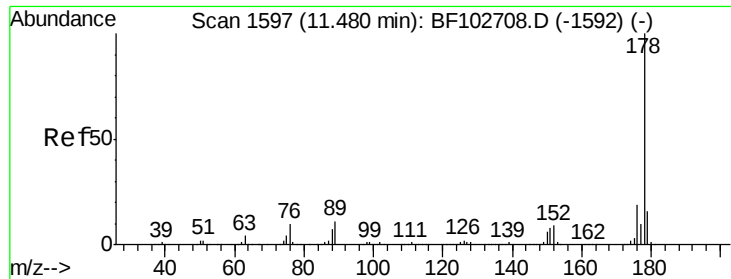
Sohil
 2/8/2018 1:41:18 PM



#70
 Phenanthrene
 Concen: 39.722 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:	178	Resp:	1395414
Ion Ratio		Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6





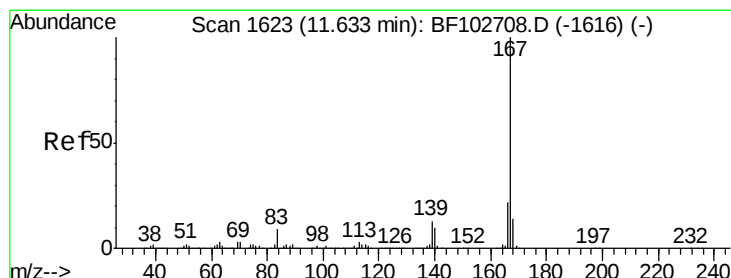
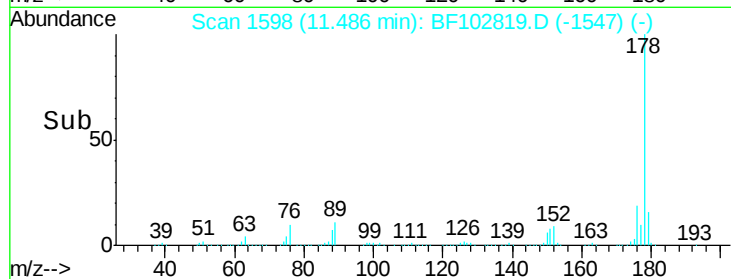
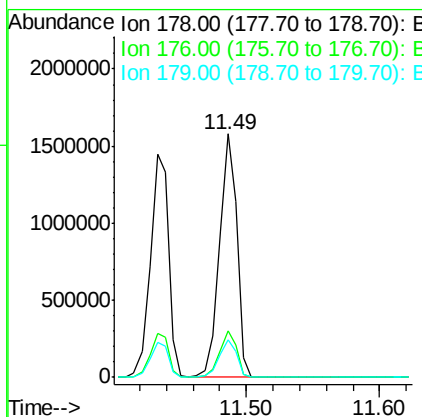
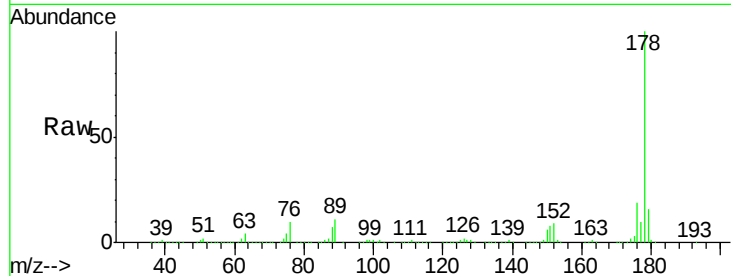
#71
 Anthracene
 Concen: 40.774 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Tot Ion:178 Resp: 1456869
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0

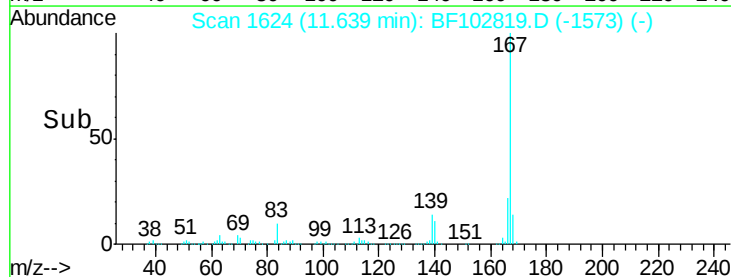
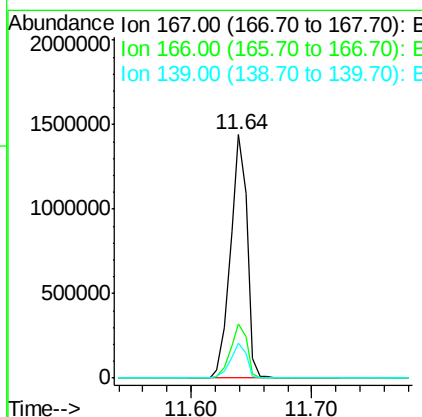
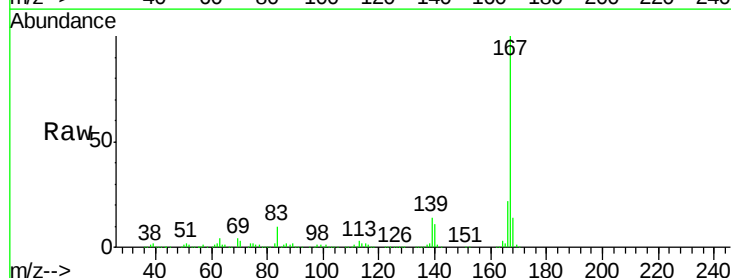
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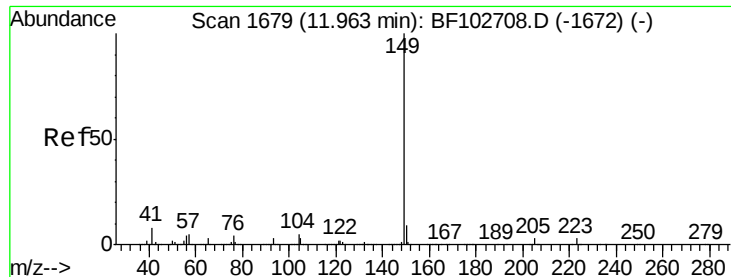
Sohil
 2/8/2018 1:41:18 PM



#72
 Carbazole
 Concen: 39.574 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion:167 Resp: 1385264
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.263 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

ClientSampled :

PB106347BS

Tot Ion:149 Resp: 1712048

Ion Ratio Lower Upper

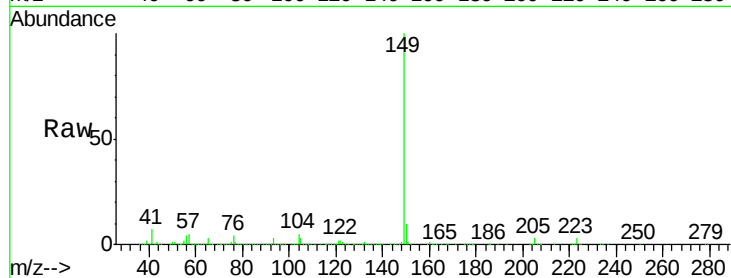
149 100

150 9.5 7.8 11.6

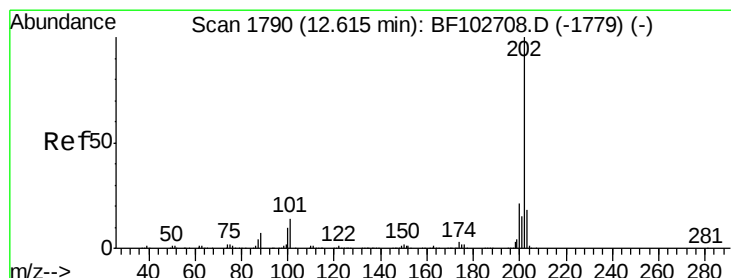
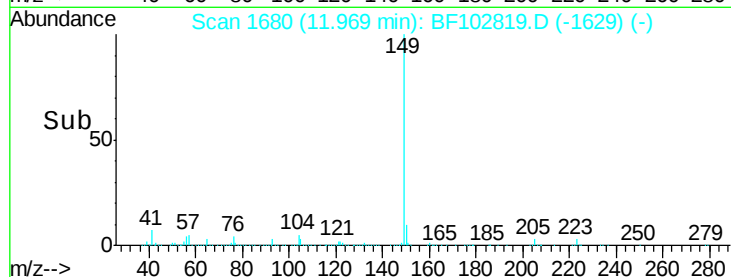
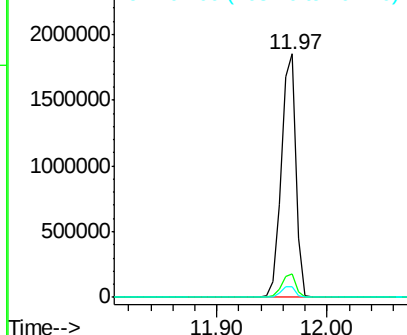
104 4.6 3.8 5.8

Manual Integrations
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Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.017 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

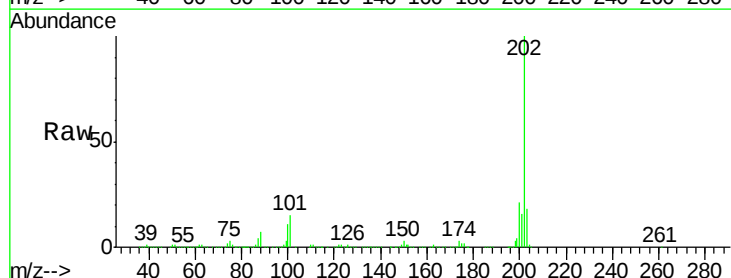
Tgt Ion:202 Resp: 1449715

Ion Ratio Lower Upper

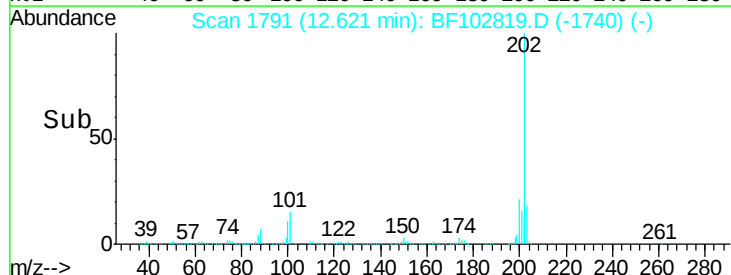
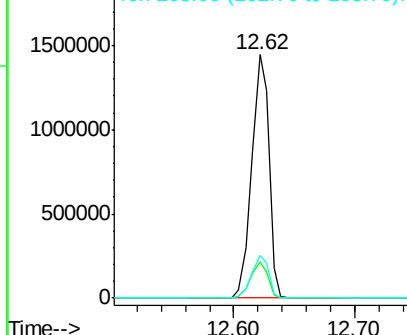
202 100

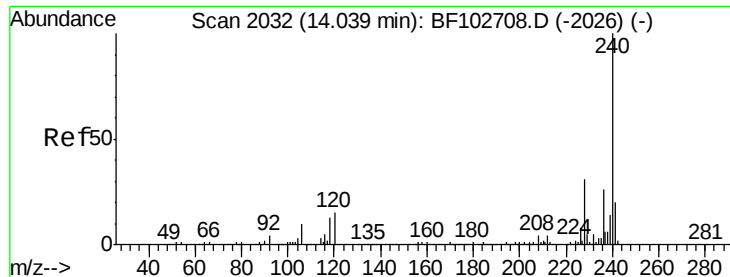
101 15.1 0.0 34.1

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

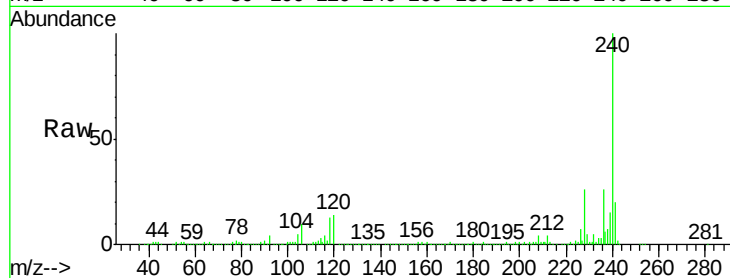
ClientSampleId :

PB106347BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3
236	26.5	20.7	31.1

Manual Integrations
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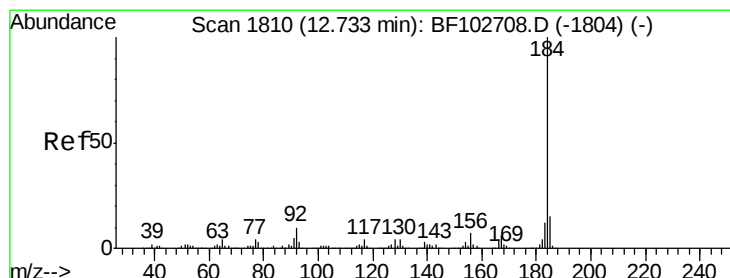
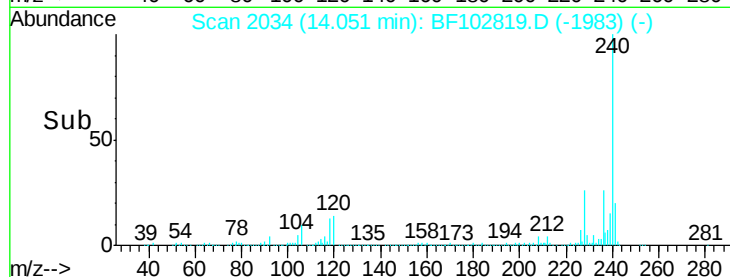
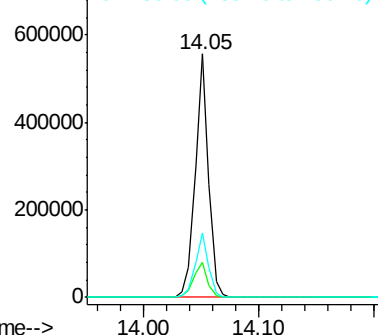
Sohil
2/8/2018 1:41:18 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.902 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102819.D

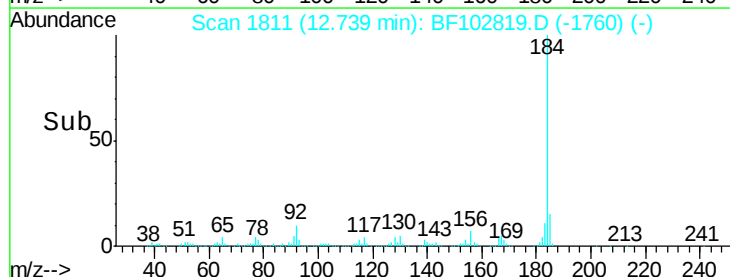
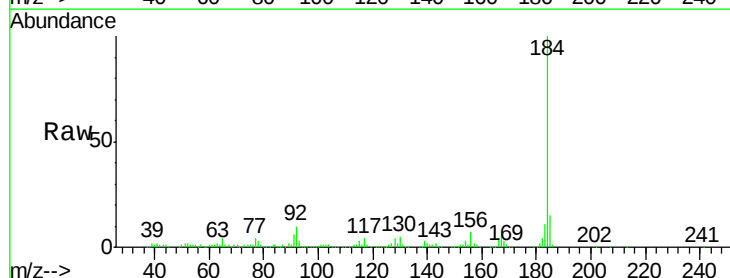
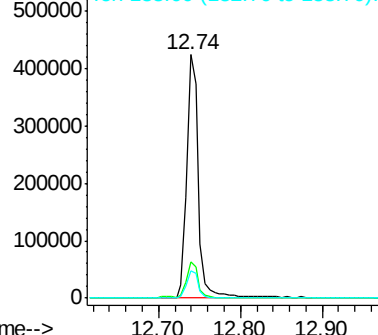
Acq: 7 Feb 2018 17:37

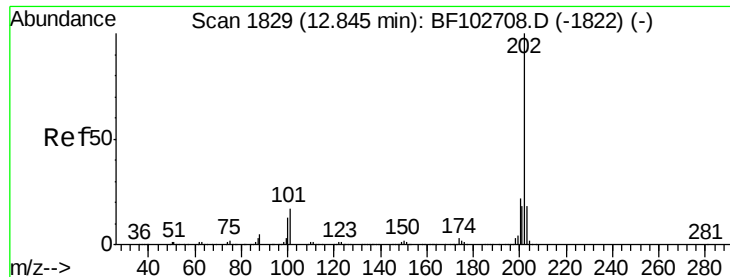
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.5	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.959 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

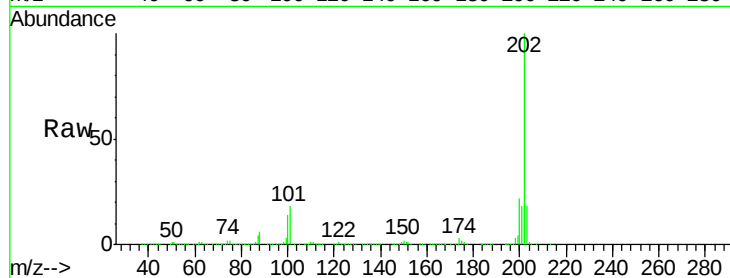
ClientSampleId :

PB106347BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

Manual Integrations
APPROVED

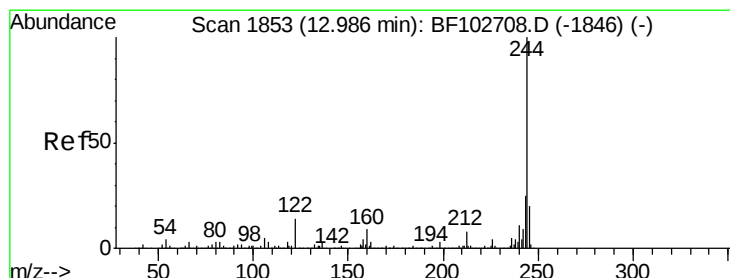
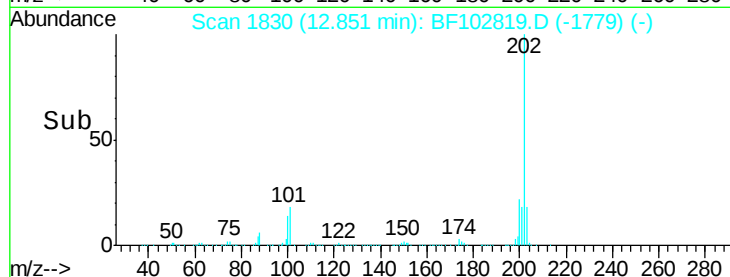
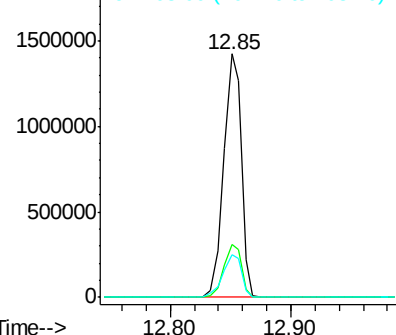
Sohil
2/8/2018 1:41:18 PM



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: 90.342 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102819.D

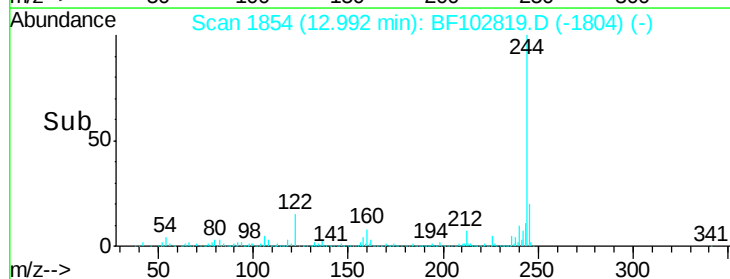
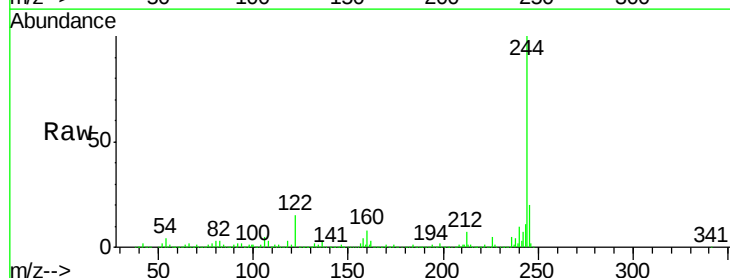
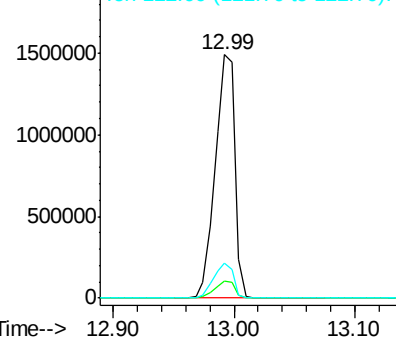
Acq: 7 Feb 2018 17:37

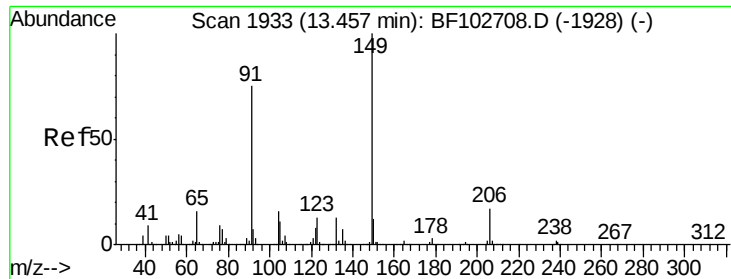
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.6	11.0	16.4

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





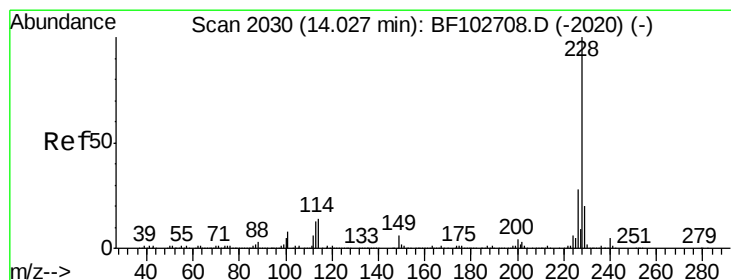
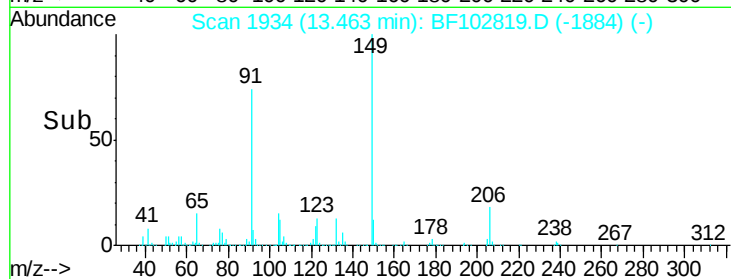
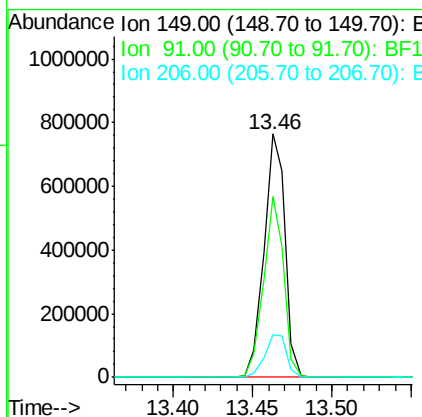
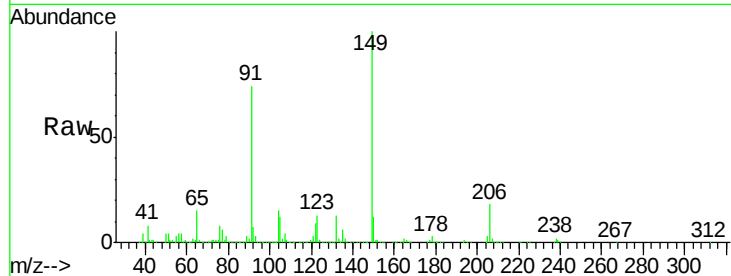
#79
Butylbenzylphthalate
Concen: 42.874 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleID :
PB106347BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	56.8	85.2
206	17.6	14.1	21.1

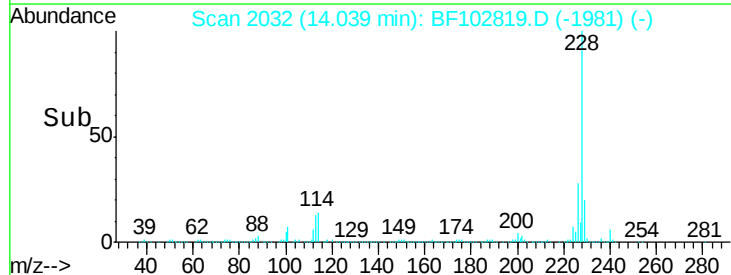
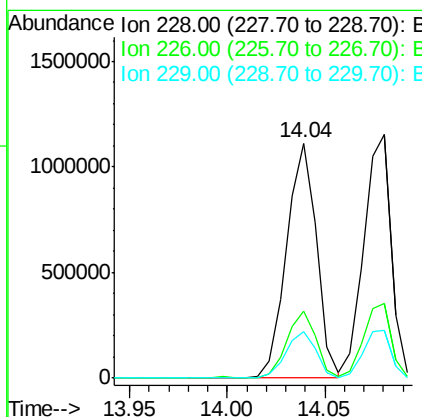
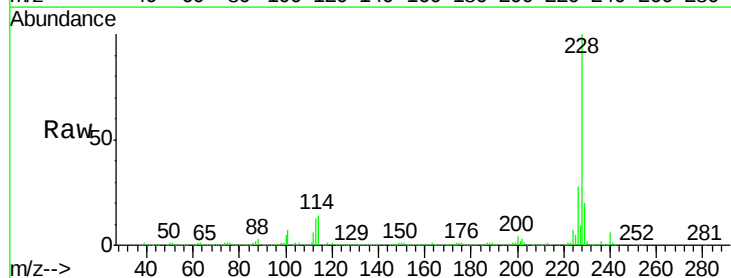
Manual Integrations
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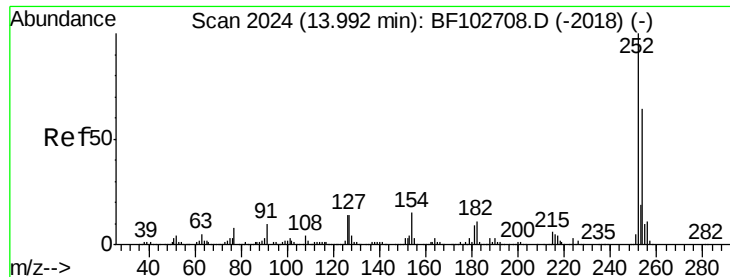
Sohil
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#80
Benzo(a)anthracene
Concen: 42.461 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.9	15.8	23.6





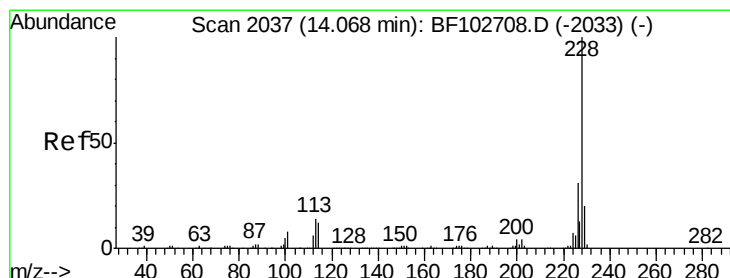
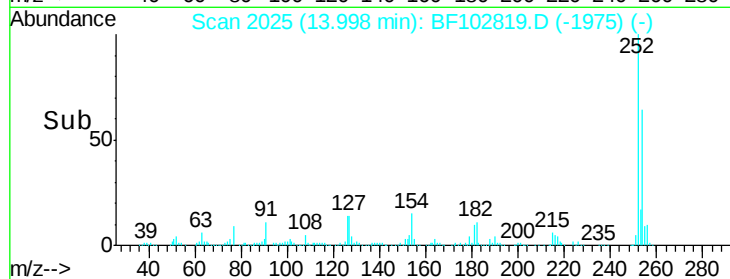
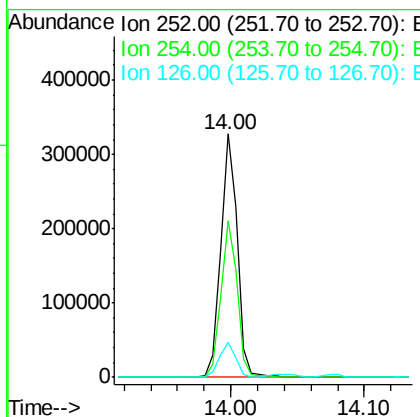
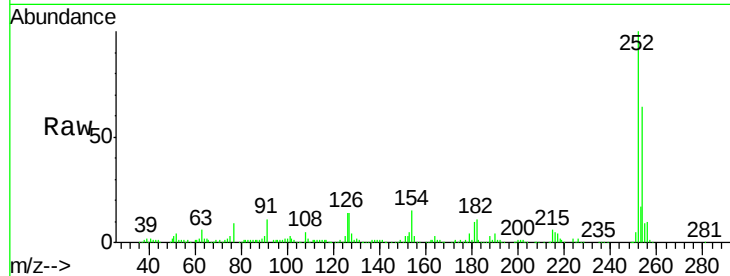
#81
 3,3'-Dichlorobenzidine
 Concen: 27.971 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	50.4	75.6
126	14.4	11.3	16.9

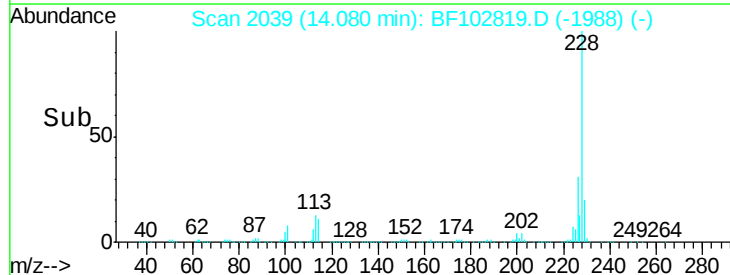
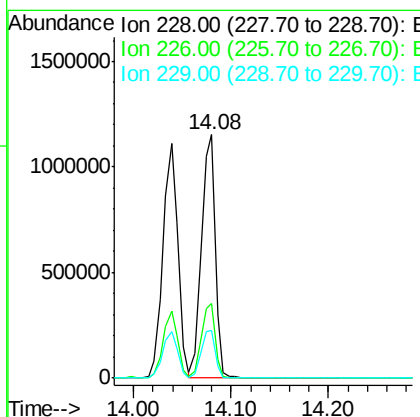
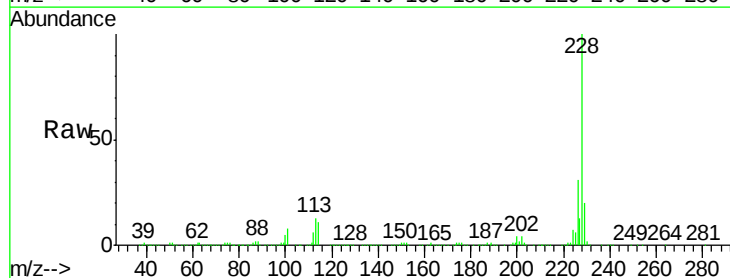
Manual Integrations
 APPROVED

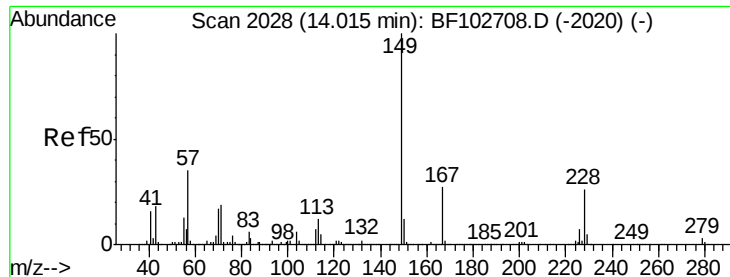
Sohil
 2/8/2018 1:41:18 PM



#82
 Chrysene
 Concen: 40.338 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.391 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Instrument :

BNA_F

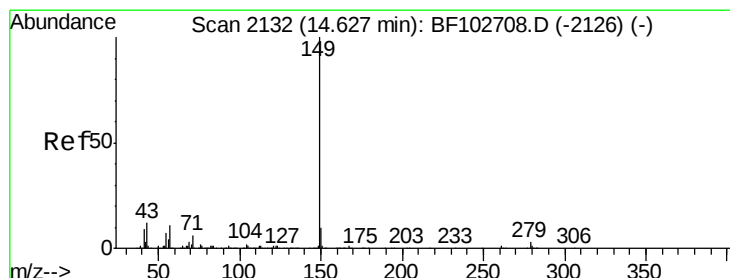
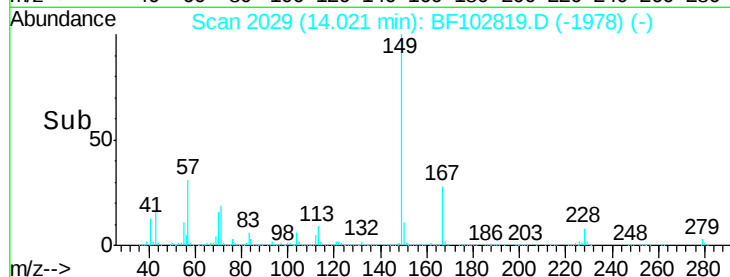
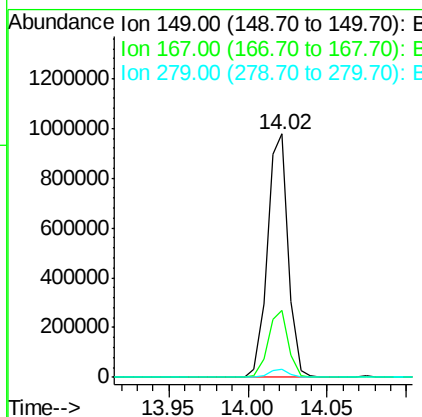
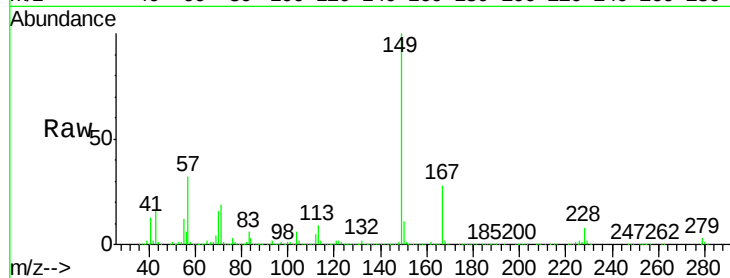
ClientSampleId :

PB106347BS

Tot Ion:	149	Resp:	900985
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.3	31.9
279	3.5	3.0	4.4

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:18 PM



#84

Di-n-octyl phthalate

Concen: 43.507 ng

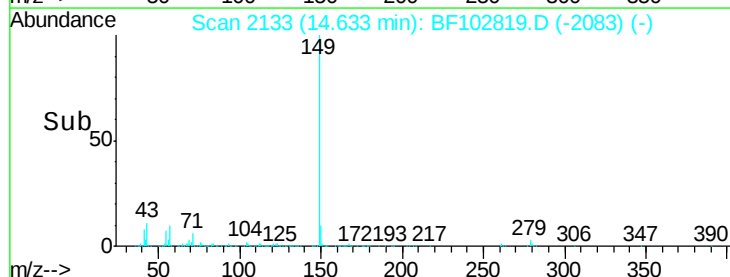
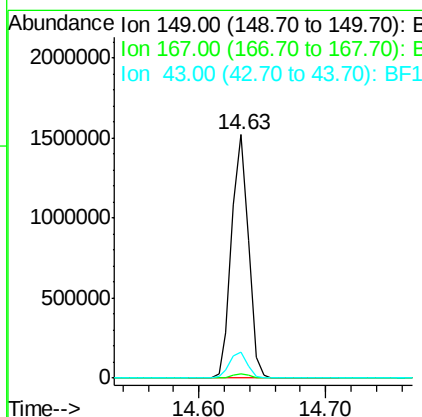
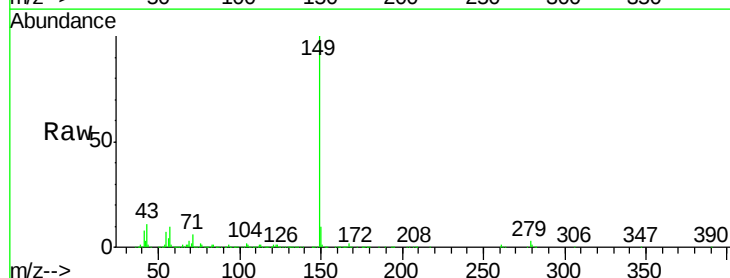
RT: 14.63 min Scan# 2133

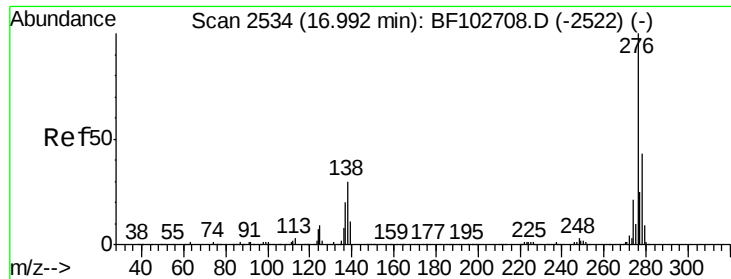
Delta R.T. -0.01 min

Lab File: BF102819.D

Acq: 7 Feb 2018 17:37

Tgt Ion:	149	Resp:	1388468
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.9	8.4	12.6





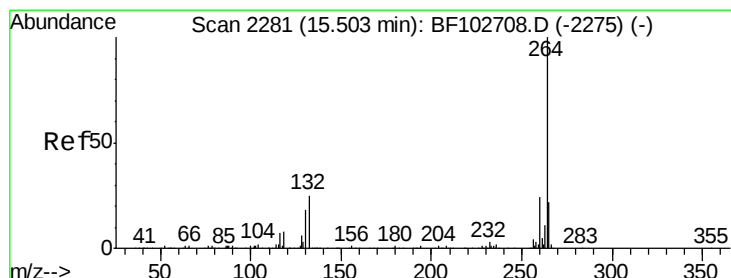
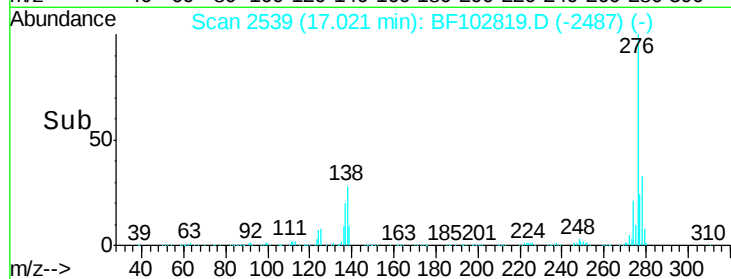
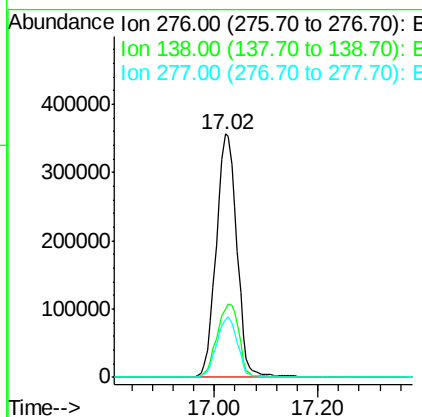
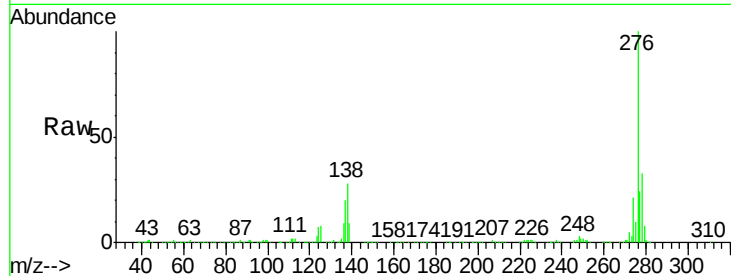
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.660 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.0	37.6
277	25.1	20.1	30.1

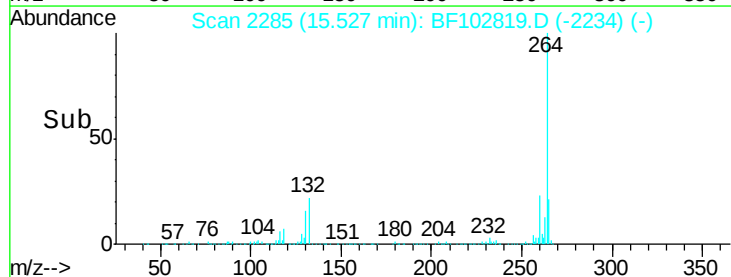
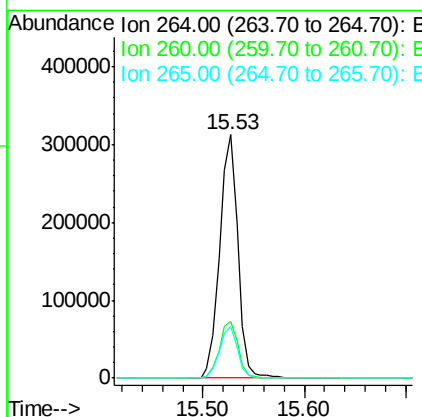
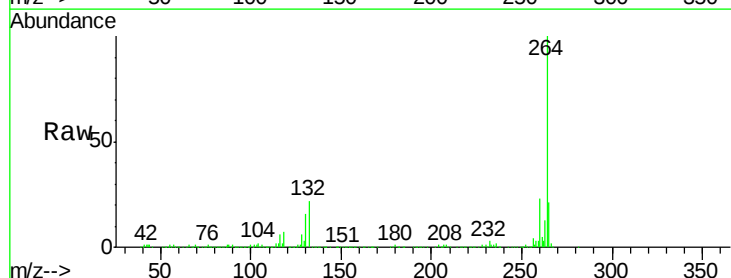
Manual Integrations
APPROVED

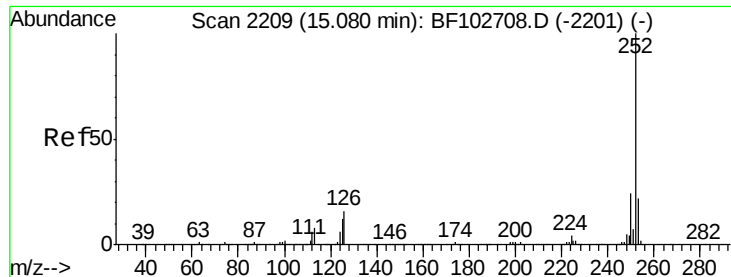
Sohil
2/8/2018 1:41:18 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3





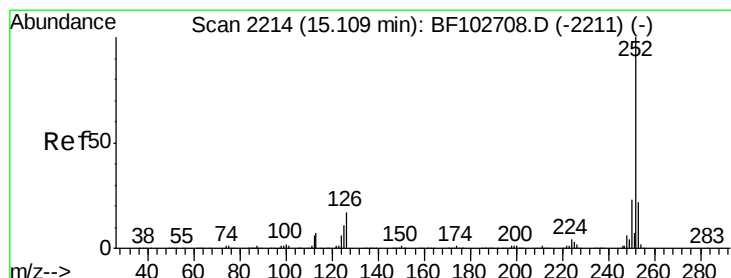
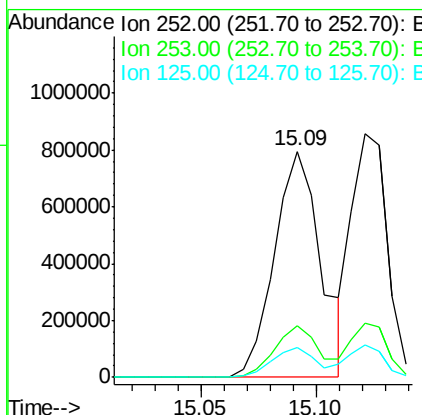
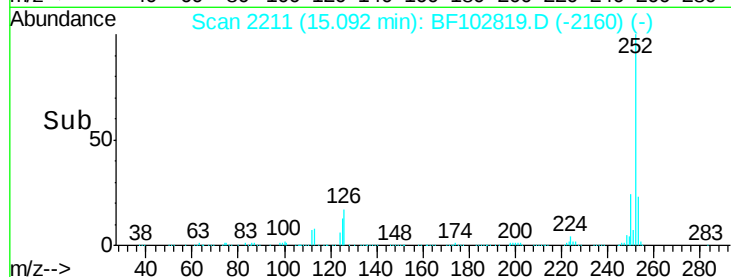
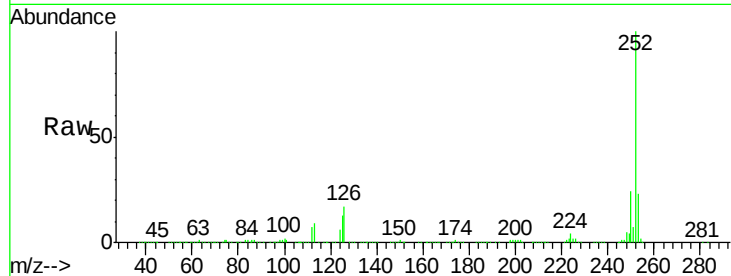
#87
Benzo(b)fluoranthene
Concen: 43.893 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion:252 Resp: 1108974
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 13.3 9.0 13.6

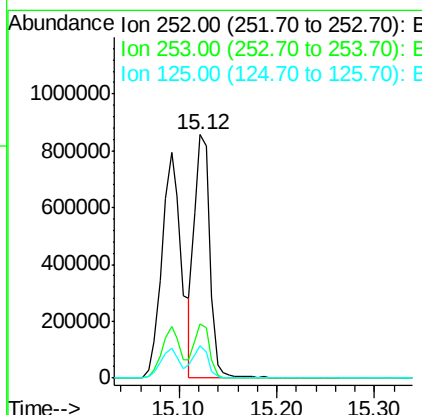
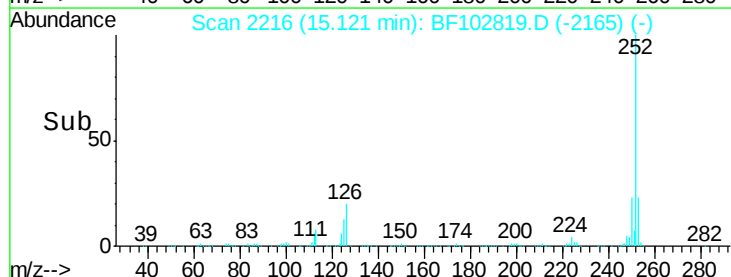
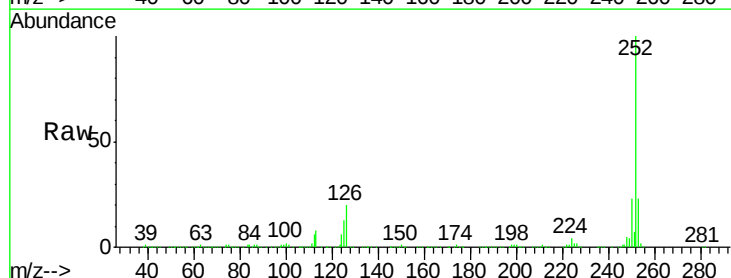
Manual Integrations
APPROVED

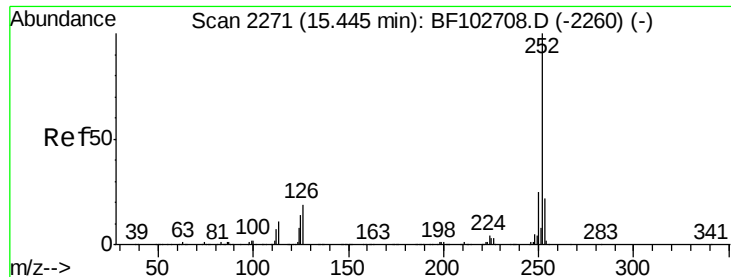
Sohil
2/8/2018 1:41:18 PM



#88
Benzo(k)fluoranthene
Concen: 38.817 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion:252 Resp: 937080
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.2 10.2 15.2





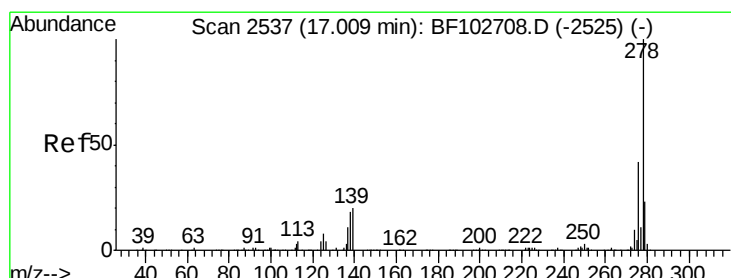
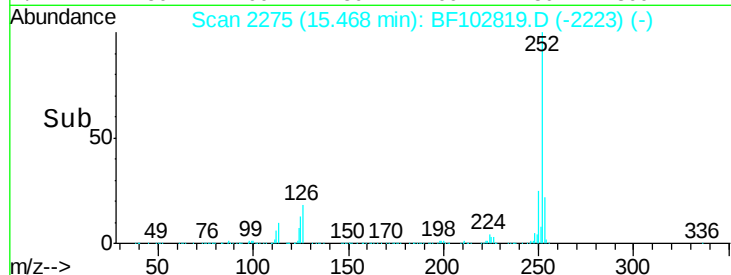
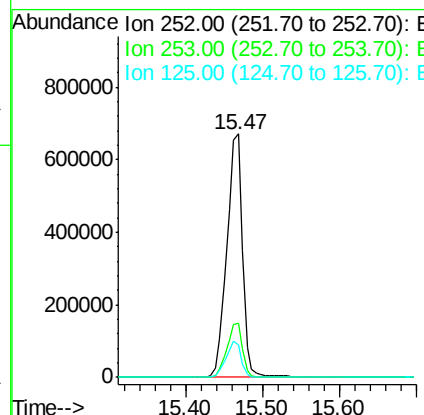
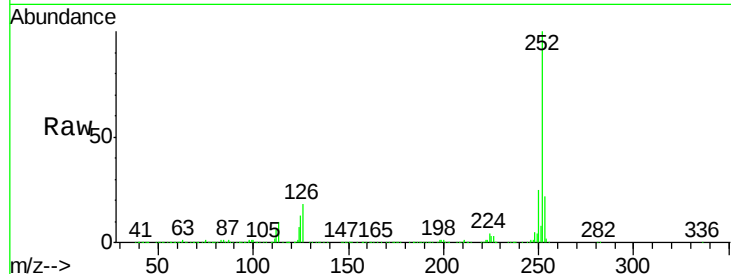
#89
Benzo(a)pyrene
Concen: 42.074 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :
PB106347BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.2	9.8	14.6

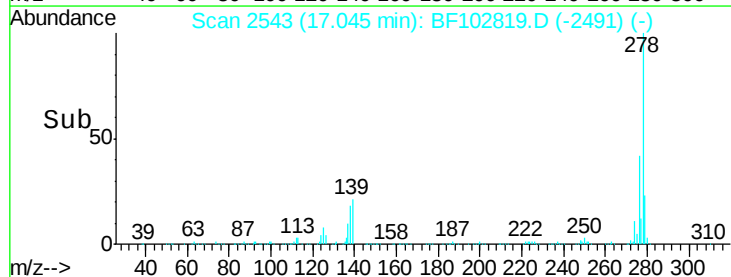
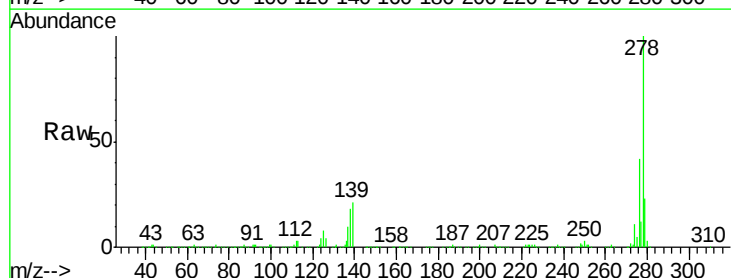
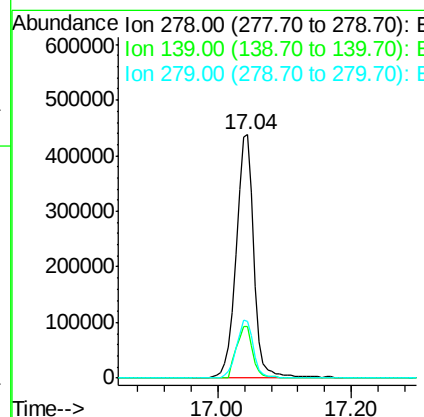
Manual Integrations
APPROVED

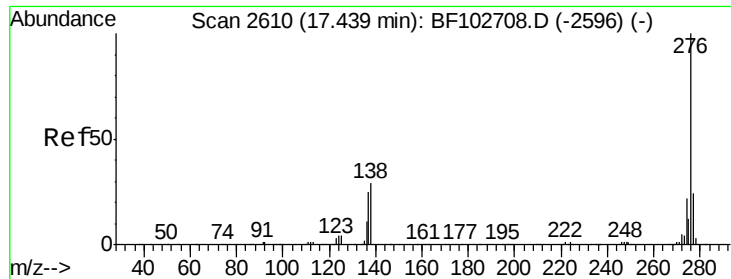
Sohil
2/8/2018 1:41:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.515 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF102819.D
Acq: 7 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.386 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. 0.01 min
 Lab File: BF102819.D
 Acq: 7 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BS

Tot Ion:	276	Resp:	856144
Ion Ratio		Lower	Upper
276	100		
277	23.6	17.9	26.9
138	27.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 2/8/2018 1:41:18 PM

