

Data File : BF101851.D
Acq On : 2 Jan 2018 15:17
Operator : SJ/JU
Sample : I7100-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Quant Time: Jan 03 01:29:37 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	141677	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	551558	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	230946	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	366887	20.00	ng	0.00
75) Chrysene-d12	13.96	240	258583	20.00	ng	-0.01
86) Perylene-d12	15.43	264	292676	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	955672	100.48	ng	0.00
7) Phenol-d6	6.43	99	1078114	91.08	ng	0.00
23) Nitrobenzene-d5	7.36	82	694009	70.04	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	198400	89.15	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1003500	67.40	ng	0.00
78) Terphenyl-d14	12.89	244	751520	70.06	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	137489	28.13	ng	97
3) Pyridine	3.30	79	326377	24.04	ng	96
4) n-Nitrosodimethylamine	3.25	42	172906	27.66	ng	99
6) Aniline	6.46	93	196413	11.94	ng	# 60
8) 2-Chlorophenol	6.57	128	331808	33.16	ng	98
9) Benzaldehyde	6.35	77	124532	14.25	ng	98
10) Phenol	6.45	94	443836	32.90	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	335548	31.71	ng	93
12) 1,3-Dichlorobenzene	6.72	146	363555	32.20	ng	99
13) 1,4-Dichlorobenzene	6.79	146	372977	32.34	ng	98
14) 1,2-Dichlorobenzene	6.95	146	332786	32.06	ng	98
15) Benzyl Alcohol	6.94	79	263042	32.29	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	571663	35.30	ng	78
17) 2-Methylphenol	7.05	107	266023	28.91	ng	# 86
18) Hexachloroethane	7.27	117	118291	29.51	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	237891	30.60	ng	94
20) 3+4-Methylphenols	7.22	107	375645	38.52	ng	96
22) Acetophenone	7.20	105	468731	37.24	ng	# 98
24) Nitrobenzene	7.37	77	367230	33.49	ng	98
25) Isophorone	7.60	82	659699	33.19	ng	97
26) 2-Nitrophenol	7.69	139	181614	38.55	ng	96
27) 2,4-Dimethylphenol	7.73	122	277472	34.67	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	417165	33.04	ng	98
29) 2,4-Dichlorophenol	7.95	162	288074	36.43	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	272801	32.69	ng	98
31) Naphthalene	8.08	128	912007	32.84	ng	99
33) 4-Chloroaniline	8.16	127	110202	9.13	ng	98
34) Hexachlorobutadiene	8.19	225	155794	32.28	ng	99
35) Caprolactam	8.52	113	92154	33.56	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	287724	33.11	ng	99
37) 2-Methylnaphthalene	8.77	142	585115	32.34	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	282017	36.17	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	1567	12.70	ng	97
42) 2,4,6-Trichlorophenol	9.07	196	172814	36.81	ng	98

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EPE-106-2(5-10)MSD

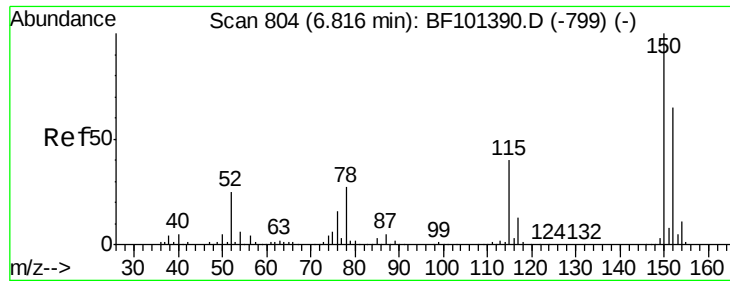
Quant Time: Jan 03 01:29:37 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	158403	30.82	ng	95
45) 1,1'-Biphenyl	9.24	154	704197	34.38	ng	99
46) 2-Chloronaphthalene	9.27	162	524475	33.47	ng	97
47) 2-Nitroaniline	9.38	65	184741	34.12	ng	92
48) Acenaphthylene	9.68	152	762670	30.81	ng	100
49) Dimethylphthalate	9.54	163	712725	38.37	ng	99
50) 2,6-Dinitrotoluene	9.62	165	129146	34.21	ng	88
51) Acenaphthene	9.85	154	459191	30.88	ng	99
52) 3-Nitroaniline	9.80	138	109034	23.16	ng	99
53) 2,4-Dinitrophenol	9.99	184	2146	11.74	ng	# 1
54) Dibenzofuran	10.03	168	676797	35.81	ng	100
55) 4-Nitrophenol	9.99	139	64498	31.42	ng	96
56) 2,4-Dinitrotoluene	10.04	165	168729	39.67	ng	# 97
57) Fluorene	10.37	166	525131	32.85	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	128140	34.70	ng	# 84
59) Diethylphthalate	10.23	149	587822	31.95	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	262391	34.24	ng	95
61) 4-Nitroaniline	10.42	138	113409	23.97	ng	94
62) Azobenzene	10.52	77	629884	33.05	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	11352	6.06	ng	# 1
65) n-Nitrosodiphenylamine	10.47	169	478224	35.30	ng	95
66) 4-Bromophenyl-phenylether	10.85	248	155436	37.70	ng	# 86
67) Hexachlorobenzene	10.92	284	151180	34.65	ng	# 90
68) Atrazine	11.00	200	150791	37.33	ng	96
69) Pentachlorophenol	11.13	266	84540	52.30	ng	97
70) Phenanthrene	11.33	178	710196	34.81	ng	99
71) Anthracene	11.39	178	700124	33.59	ng	100
72) Carbazole	11.55	167	588556	30.16	ng	99
73) Di-n-butylphthalate	11.86	149	814403	34.39	ng	99
74) Fluoranthene	12.53	202	684306	31.95	ng	98
76) Benzidine	12.66	184	175627	16.08	ng	97
77) Pyrene	12.76	202	678523	34.96	ng	98
79) Butylbenzylphthalate	13.36	149	278882	31.76	ng	96
80) Benzo(a)anthracene	13.95	228	568843	33.32	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	151030	27.13	ng	99
82) Chrysene	13.99	228	552569	34.28	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	382152	34.36	ng	99
84) Di-n-octyl phthalate	14.52	149	682671	34.42	ng	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	520065	36.23	ng	96
87) Benzo(b)fluoranthene	15.00	252	608051	34.08	ng	99
88) Benzo(k)fluoranthene	15.03	252	501016	28.89	ng	98
89) Benzo(a)pyrene	15.37	252	545602	33.18	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	436050	30.88	ng	96
91) Benzo(g,h,i)perylene	17.36	276	423600	30.30	ng	96

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

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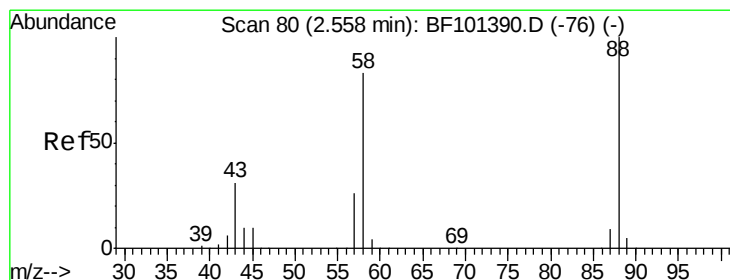
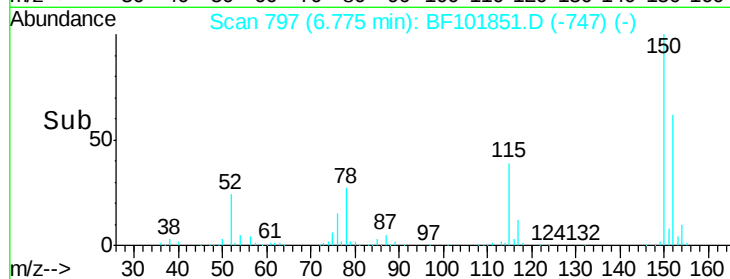
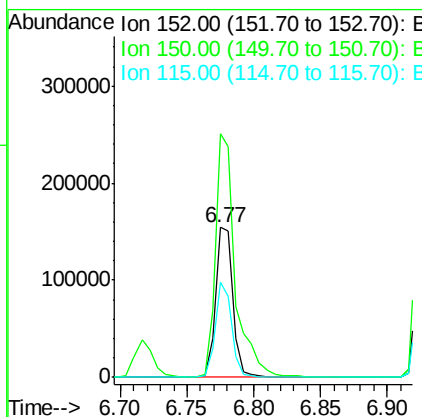
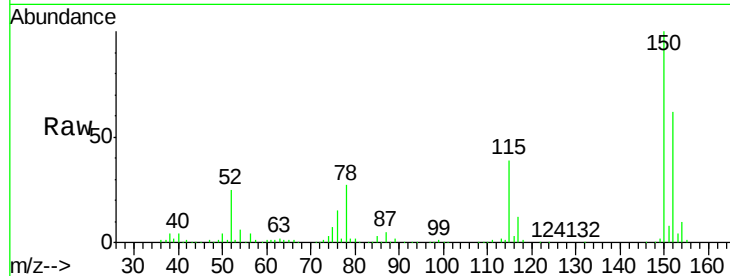


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
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ClientSampleId :
EPE-106-2(5-10)MSD

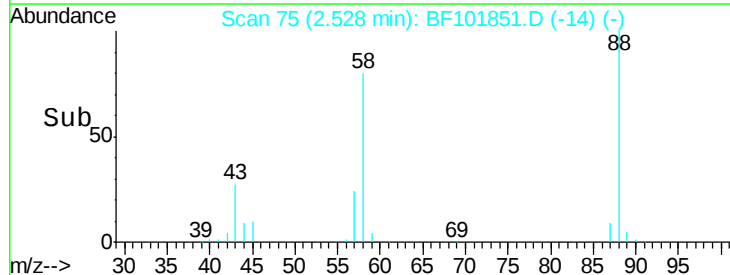
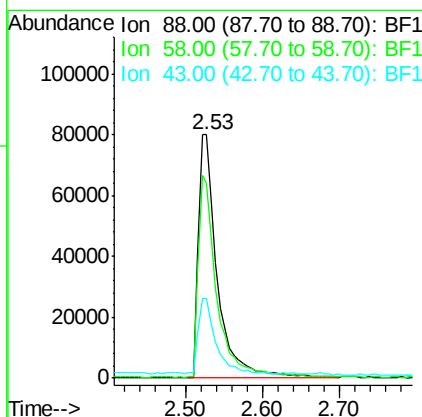
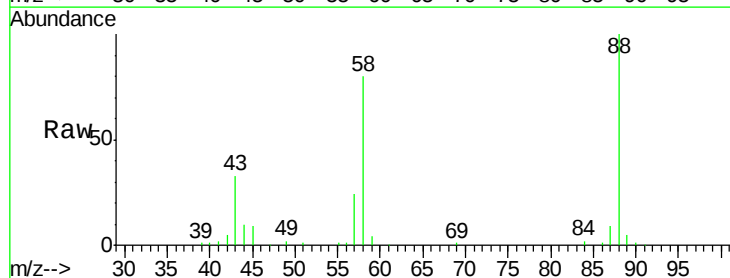
Tgt Ion:152 Resp: 141677
Ion Ratio Lower Upper
152 100
150 162.2 124.6 186.8
115 63.3 50.1 75.1



#2

1,4-Dioxane
Concen: 28.13 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.06 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion: 88 Resp: 137489
Ion Ratio Lower Upper
88 100
58 79.8 62.6 93.8
43 27.5 24.6 37.0

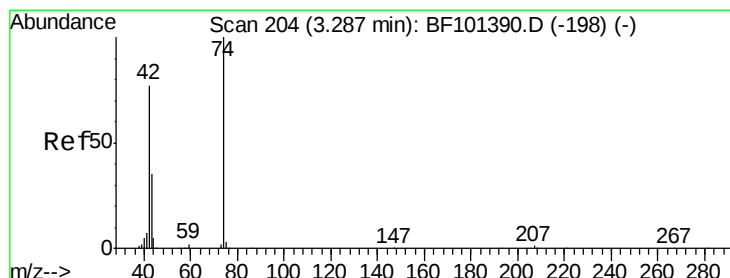
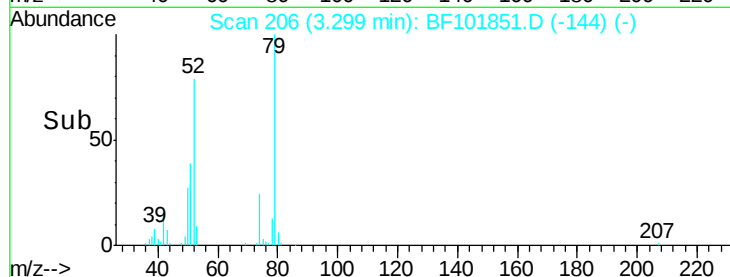
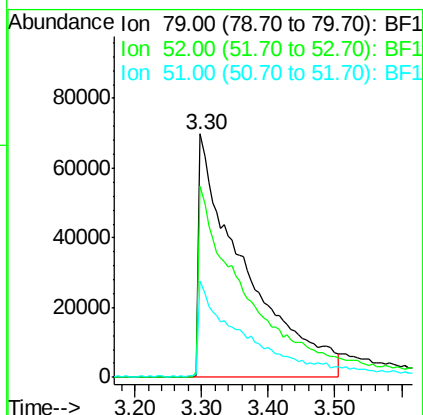
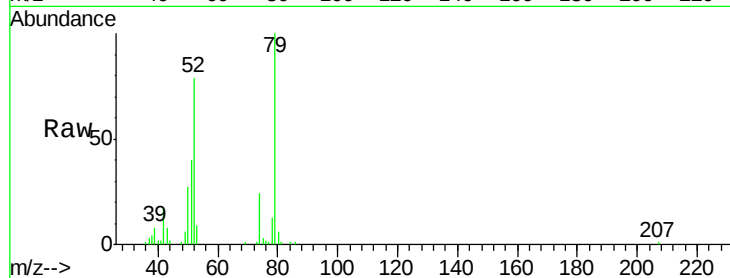




#3
 Pyridine
 Concen: 24.04 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.06 min
 Lab File: BF101851.D
 Acq: 2 Jan 2018 15:17

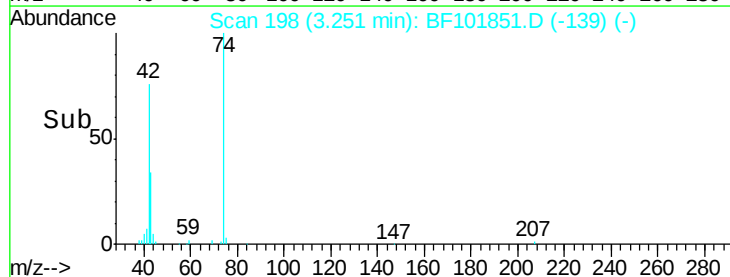
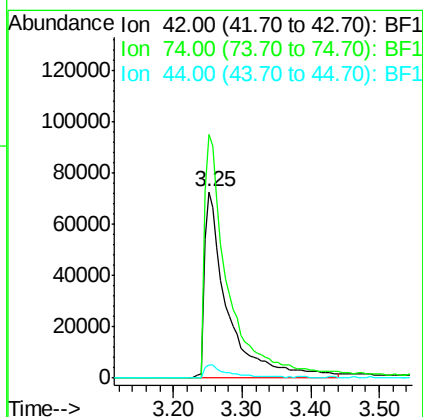
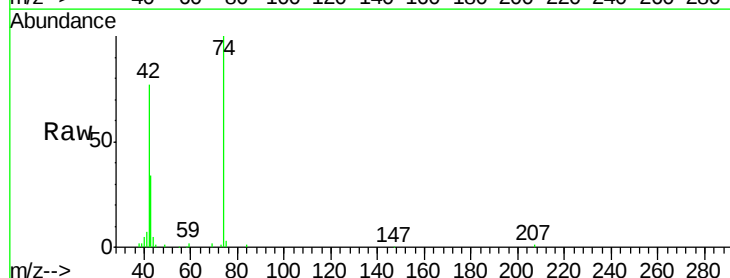
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-2(5-10)MSD

Tgt Ion: 79 Resp: 326377
 Ion Ratio Lower Upper
 79 100
 52 78.5 59.8 89.6
 51 39.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 27.66 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.05 min
 Lab File: BF101851.D
 Acq: 2 Jan 2018 15:17

Tgt Ion: 42 Resp: 172906
 Ion Ratio Lower Upper
 42 100
 74 130.6 104.9 157.3
 44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 100.48 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

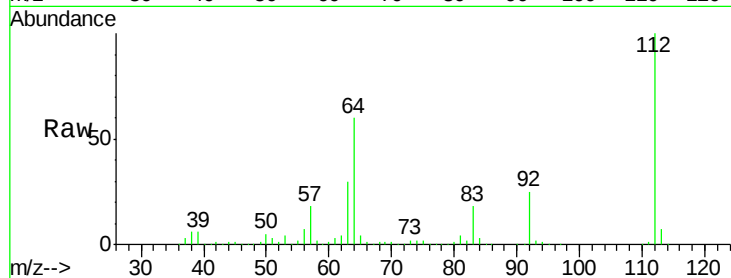
Tgt Ion: 112 Resp: 955672

Ion Ratio Lower Upper

112 100

64 60.5 47.9 71.9

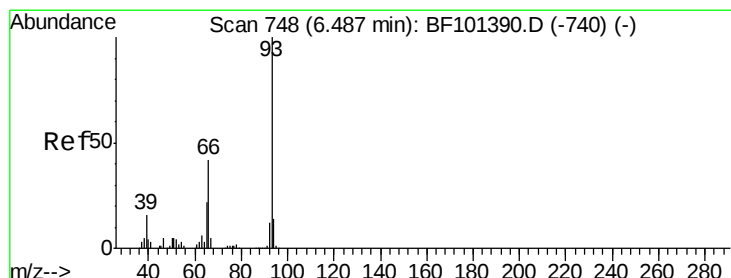
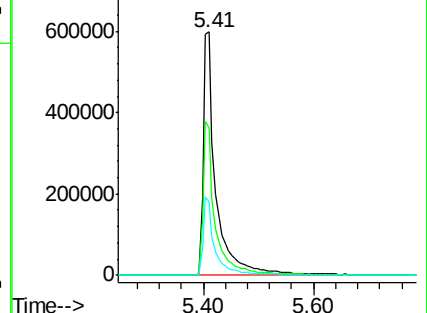
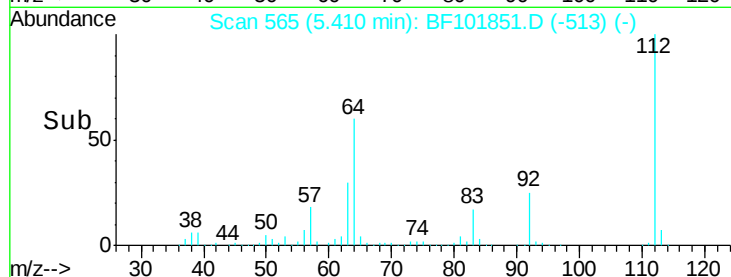
63 30.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.94 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

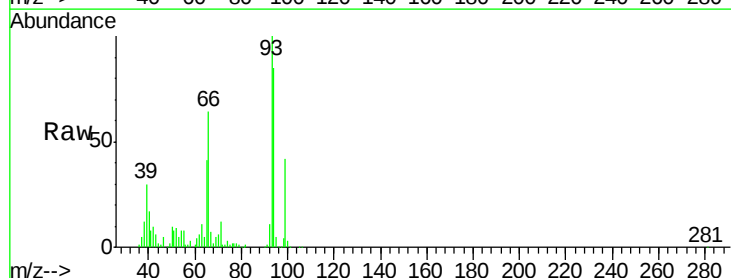
Tgt Ion: 93 Resp: 196413

Ion Ratio Lower Upper

93 100

66 63.9 32.2 48.2#

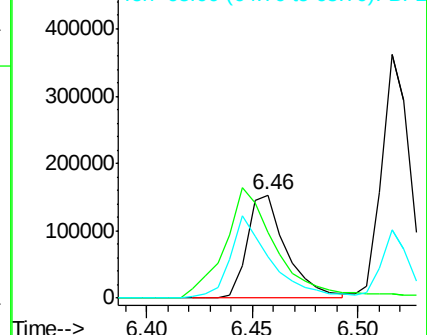
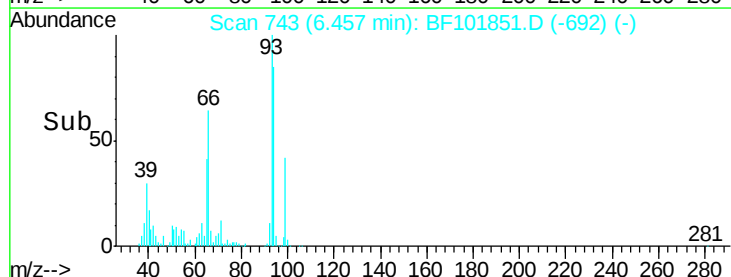
65 40.6 16.4 24.6#

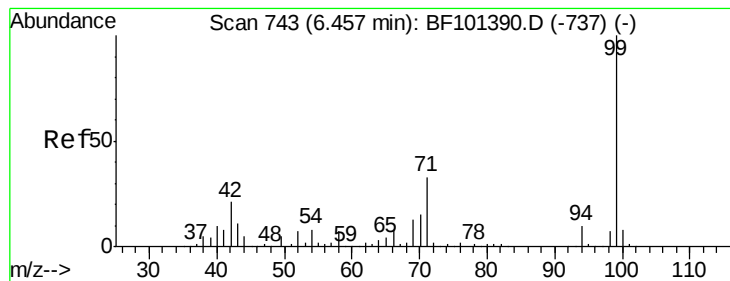


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.08 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101851.D

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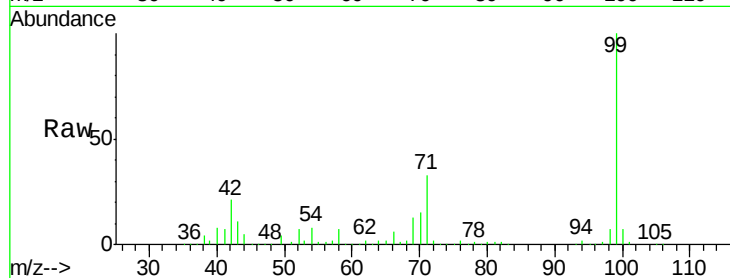
Tgt Ion: 99 Resp: 1078114

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

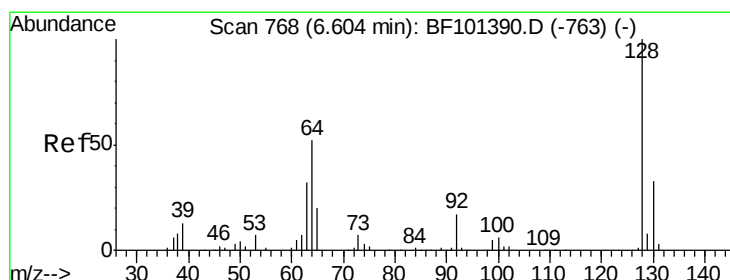
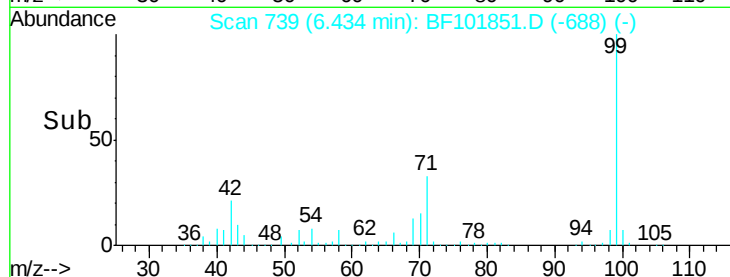
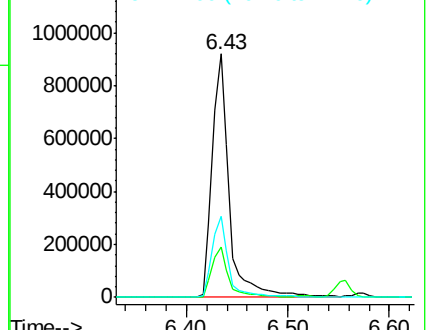
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.16 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

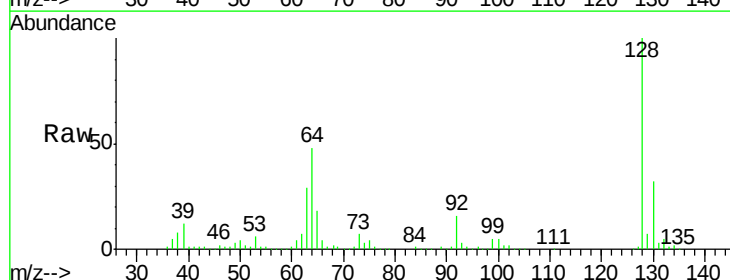
Tgt Ion: 128 Resp: 331808

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

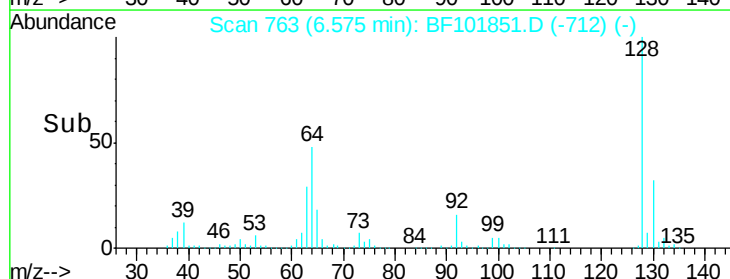
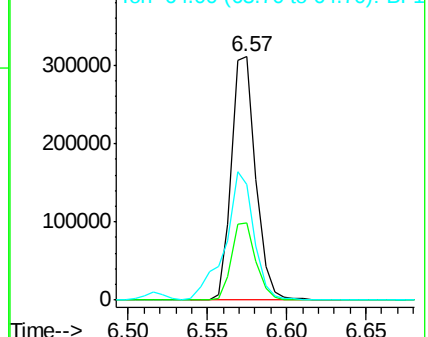
64 47.7 29.4 69.4

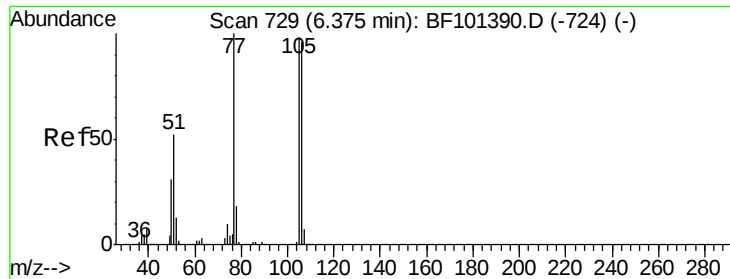


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.25 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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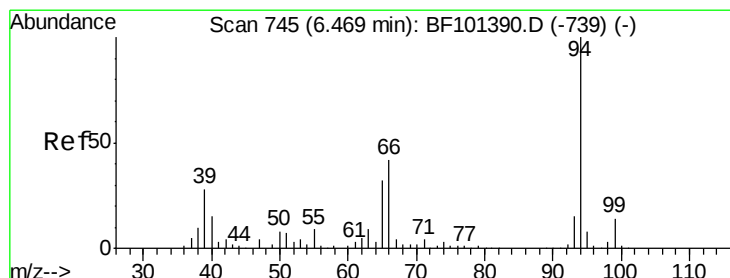
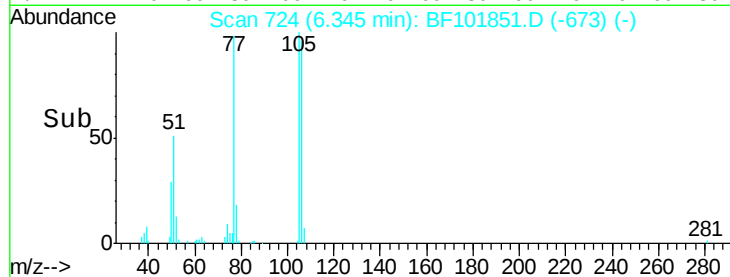
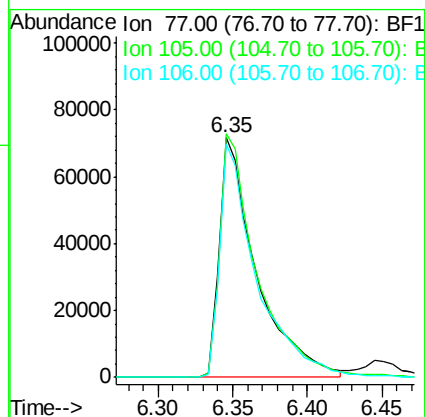
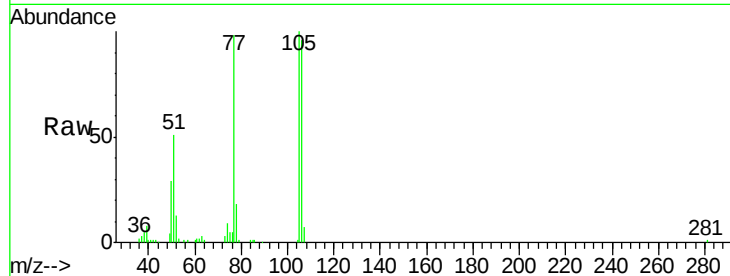
Tgt Ion: 77 Resp: 124532

Ion Ratio Lower Upper

77 100

105 101.7 81.1 121.1

106 97.4 74.5 114.5



#10

Phenol

Concen: 32.90 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

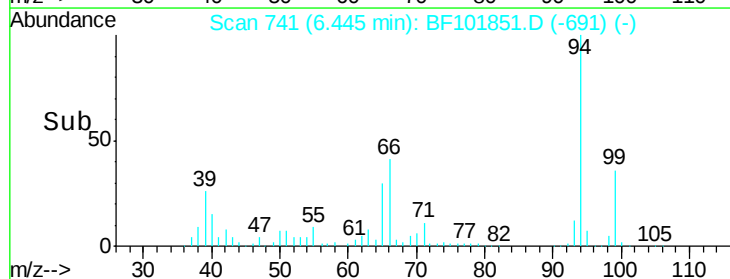
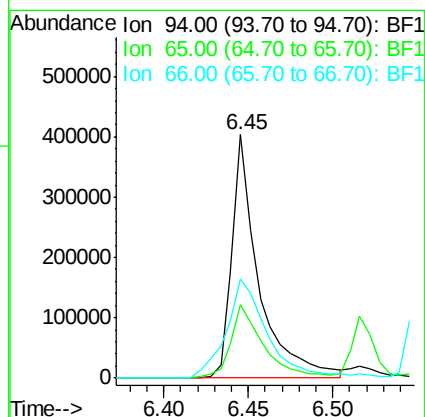
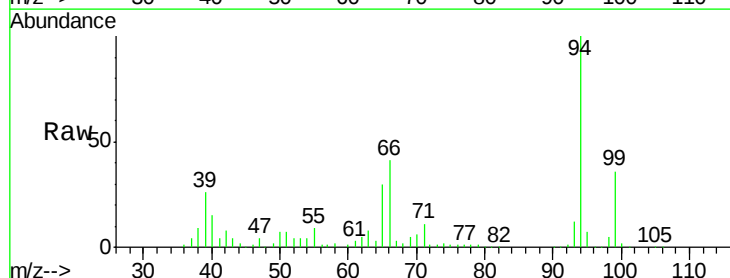
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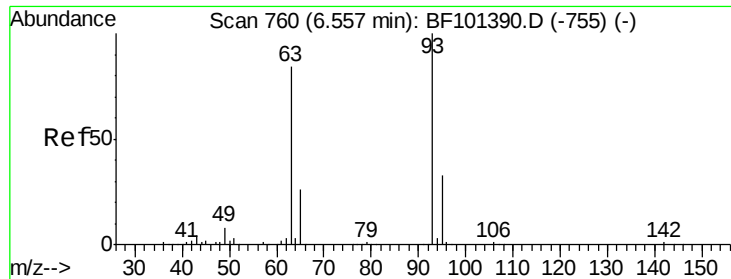
Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

66 40.8 16.2 56.2

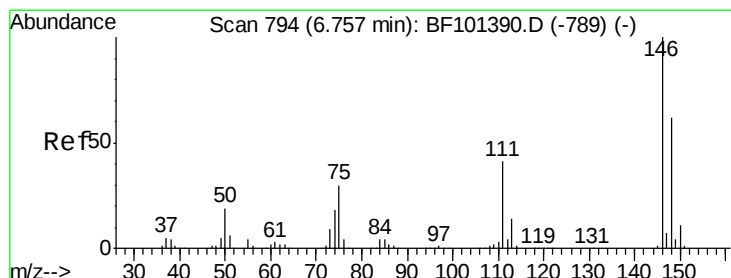
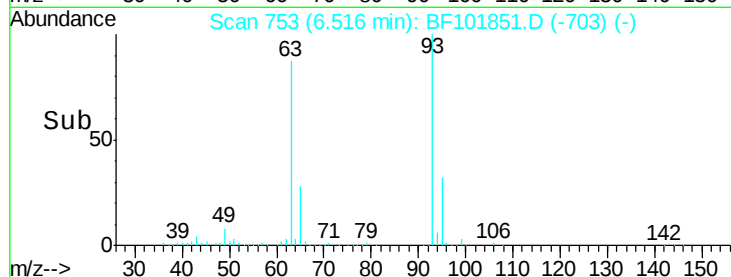
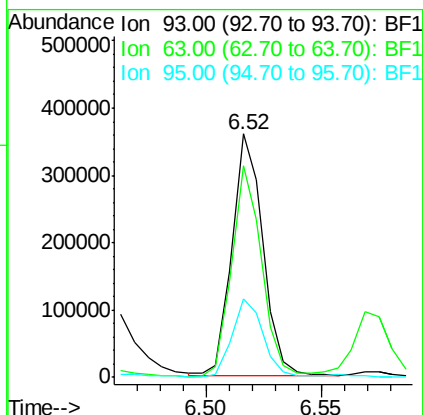
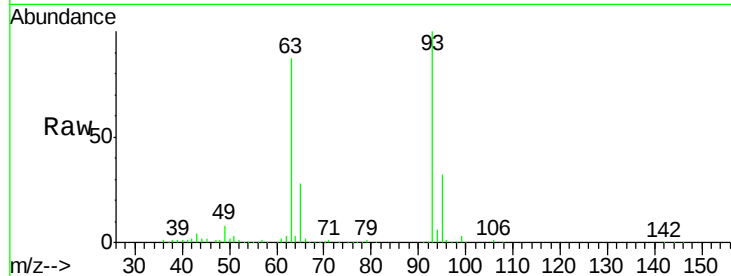




#11
bis(2-Chloroethyl)ether
Concen: 31.71 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

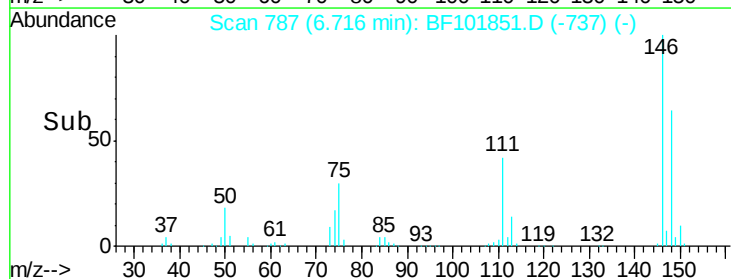
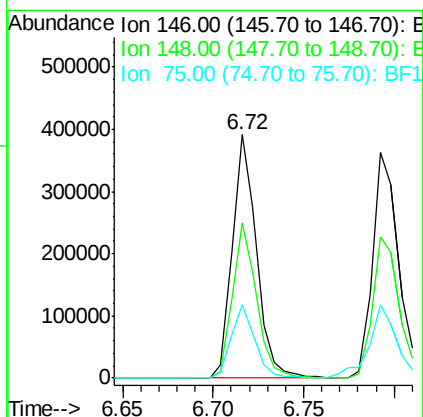
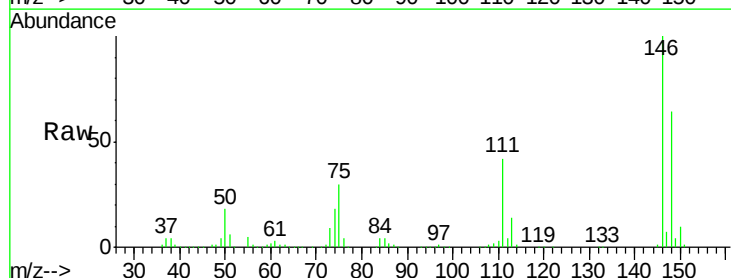
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

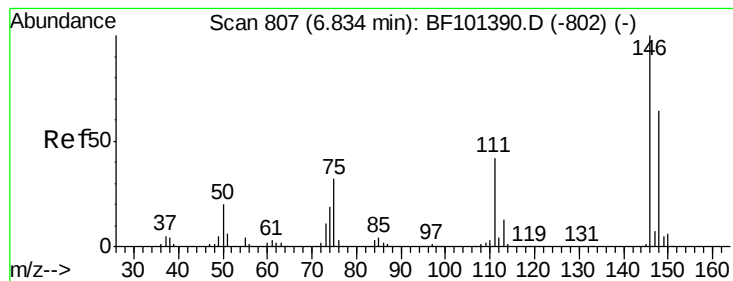
Tgt Ion: 93 Resp: 335548
Ion Ratio Lower Upper
93 100
63 86.7 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 32.20 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion: 146 Resp: 363555
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 30.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.34 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

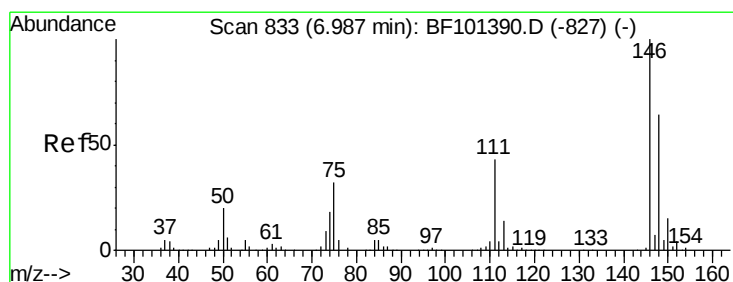
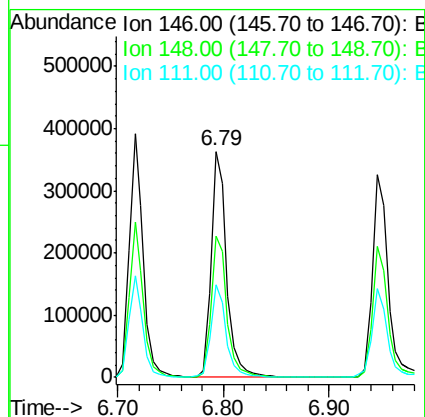
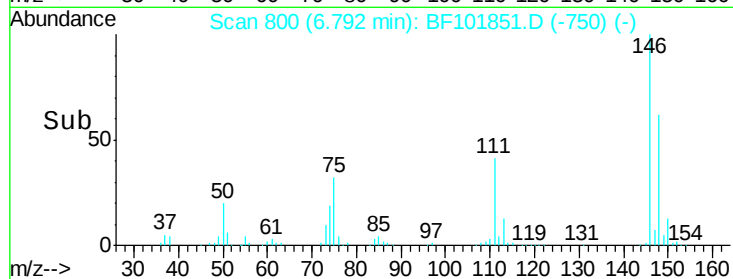
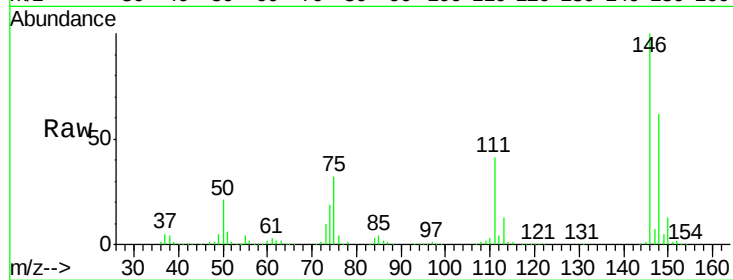
Tgt Ion:146 Resp: 372977

Ion Ratio Lower Upper

146 100

148 62.5 50.8 76.2

111 41.0 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 32.06 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

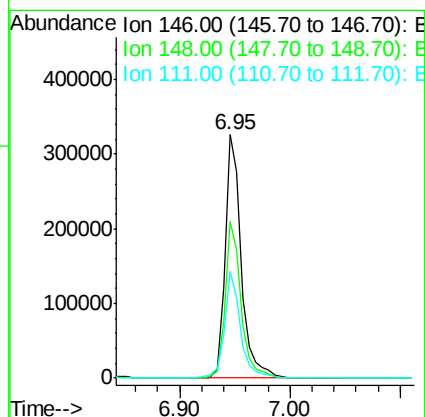
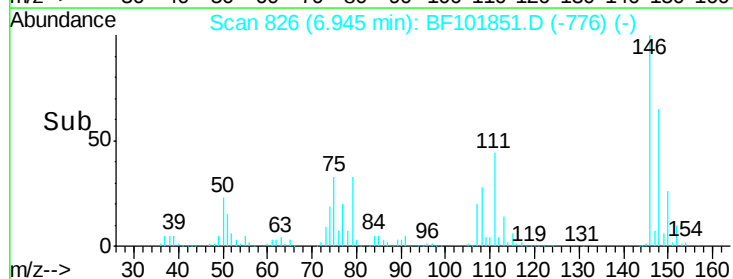
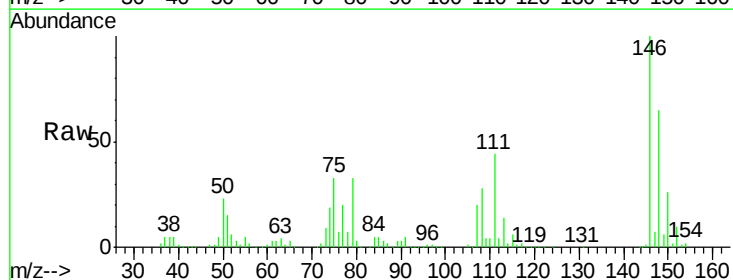
Tgt Ion:146 Resp: 332786

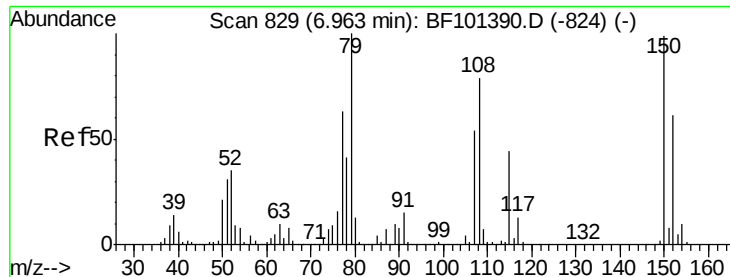
Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

111 43.9 36.0 54.0

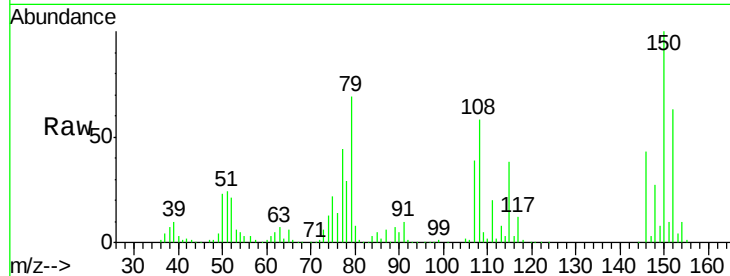




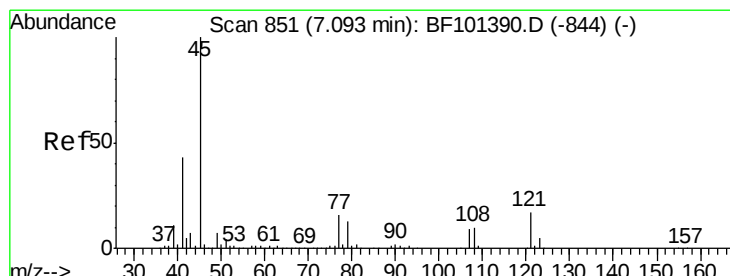
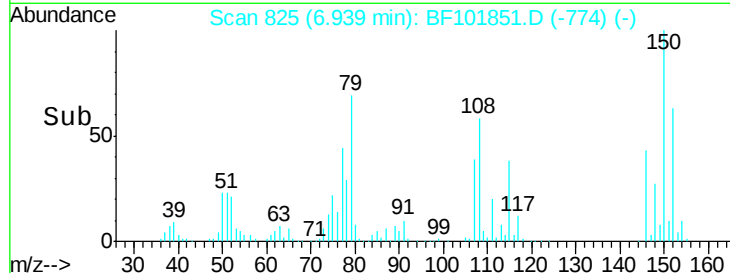
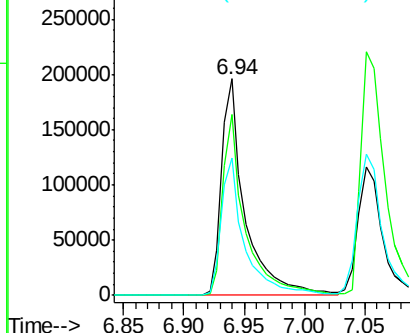
#15
Benzyl Alcohol
Concen: 32.29 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion: 79 Resp: 263042
Ion Ratio Lower Upper
79 100
108 83.9 65.1 97.7
77 63.5 50.6 75.8

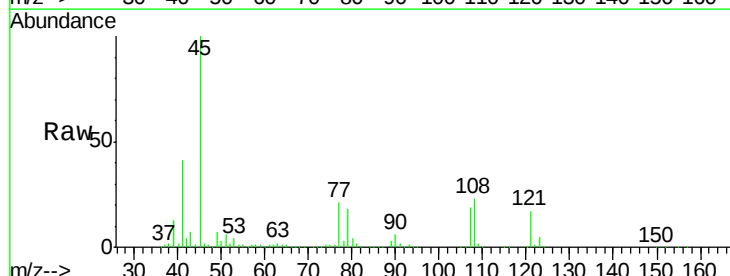


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

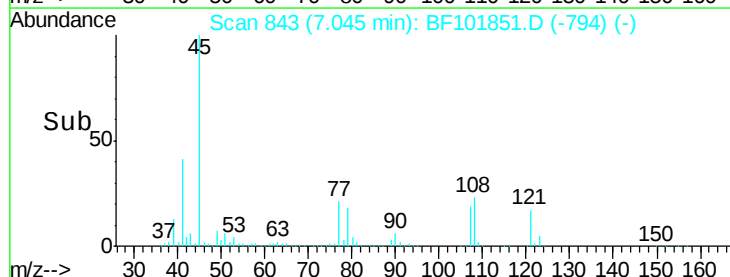
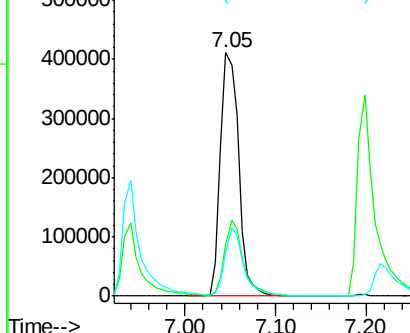


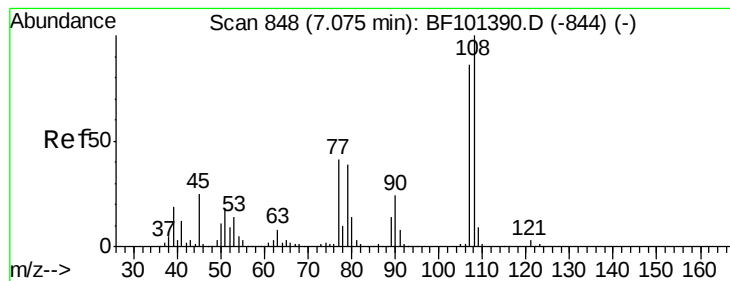
#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.30 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion: 45 Resp: 571663
Ion Ratio Lower Upper
45 100
77 21.2 0.0 32.9
79 18.1 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

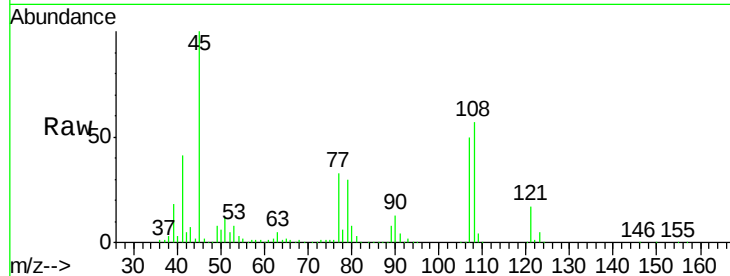




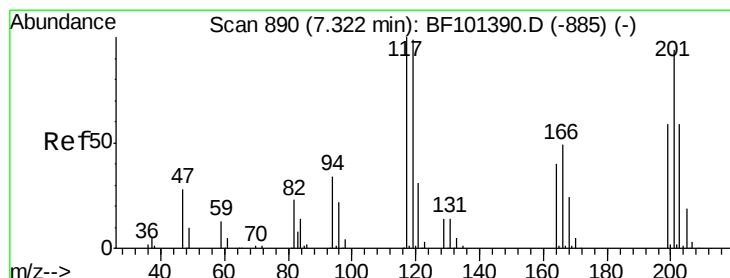
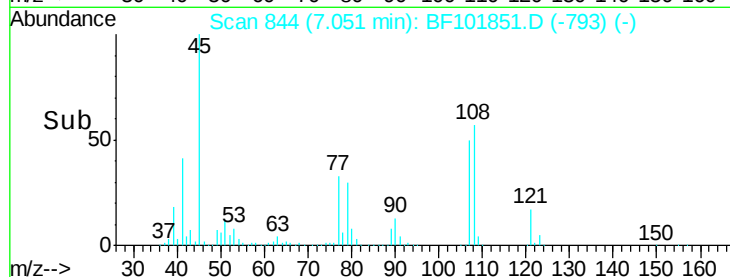
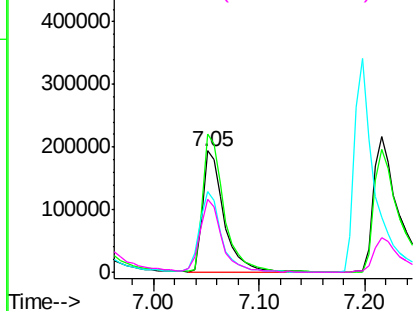
#17
2-Methylphenol
Concen: 28.91 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion:107 Resp: 266023
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 65.9 33.8 50.8#
79 59.6 33.8 50.8#

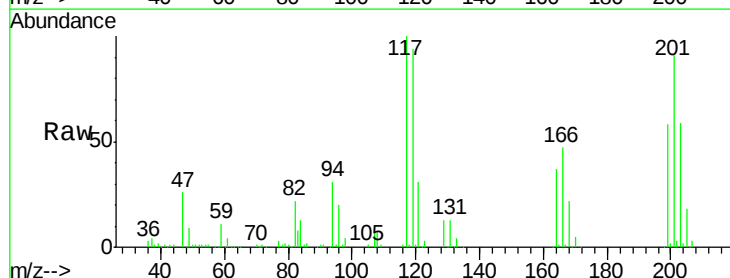


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

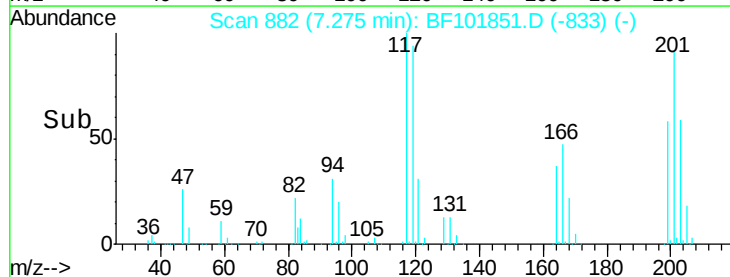
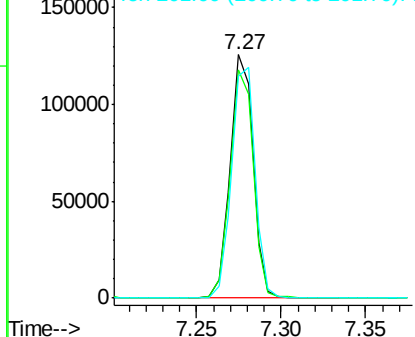


#18
Hexachloroethane
Concen: 29.51 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:117 Resp: 118291
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8
201 91.3 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

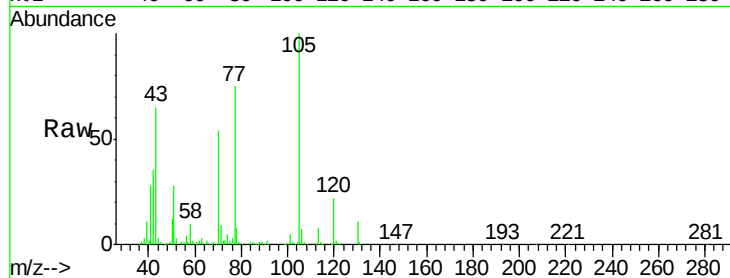




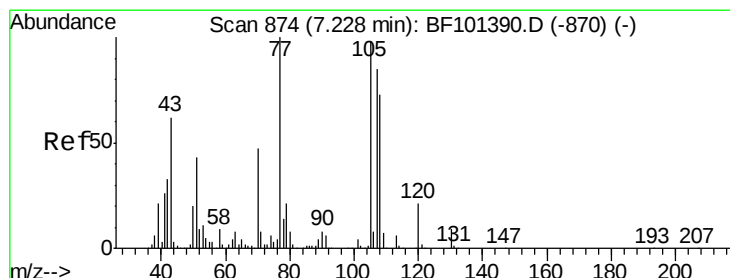
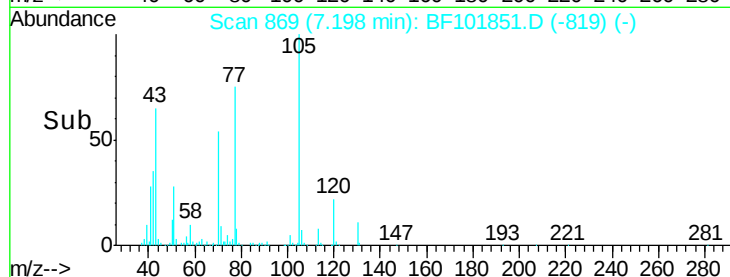
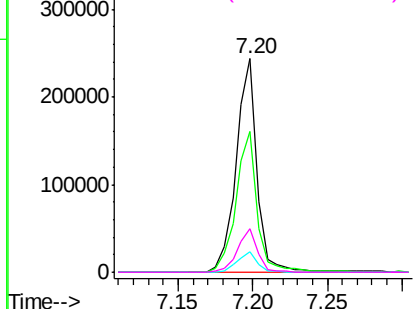
#19
n-Nitroso-di-n-propylamine
Concen: 30.60 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion: 70 Resp: 237891
Ion Ratio Lower Upper
70 100
42 66.1 47.5 71.3
101 9.7 7.4 11.2
130 20.3 16.6 25.0

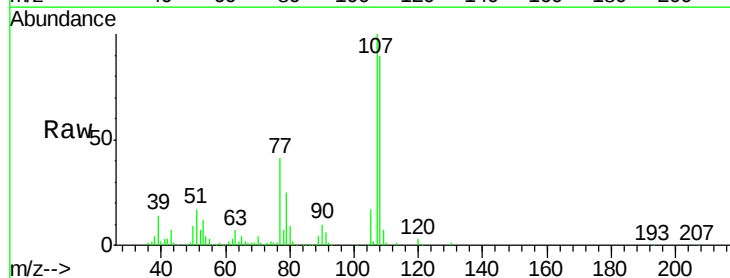


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

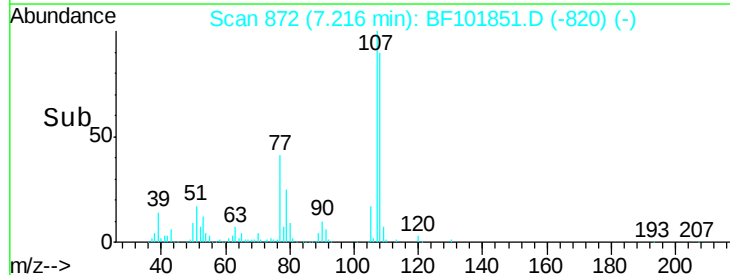
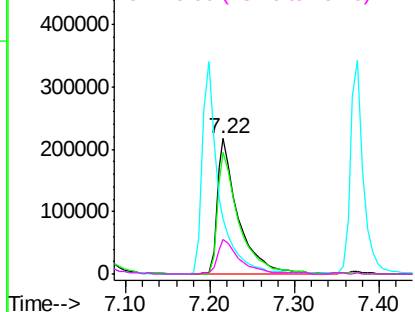


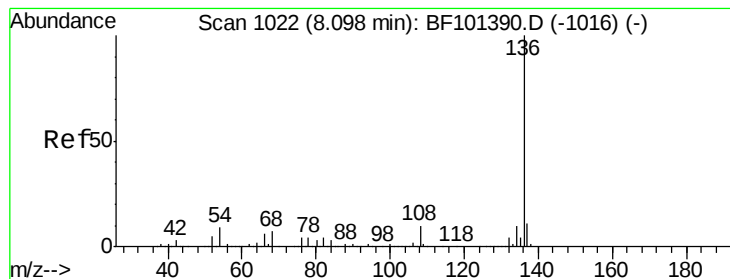
#20
3+4-Methylphenols
Concen: 38.52 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion: 107 Resp: 375645
Ion Ratio Lower Upper
107 100
108 90.1 68.2 108.2
77 40.6 26.7 66.7
79 25.2 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

Tgt Ion:136 Resp: 551558

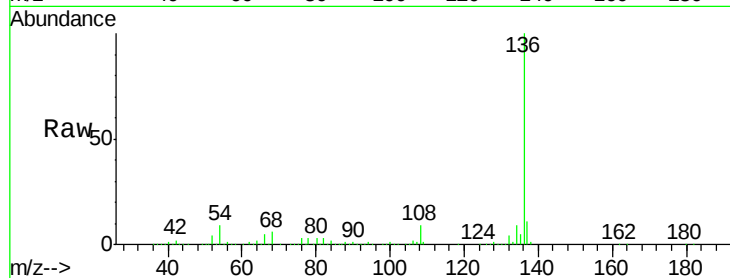
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.6 6.6 9.8

68 6.3 5.0 7.4

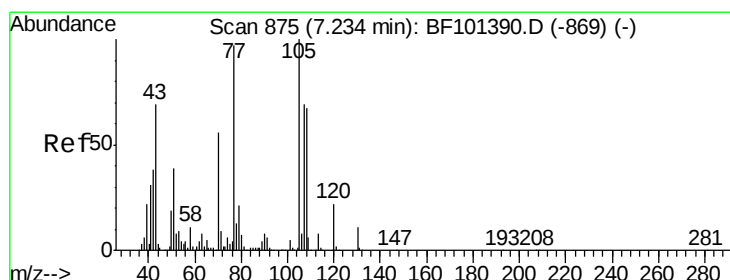
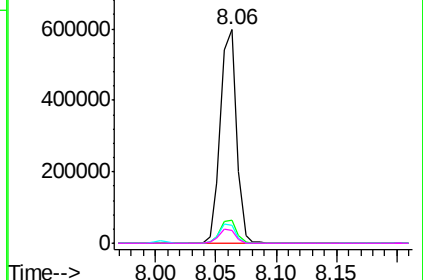
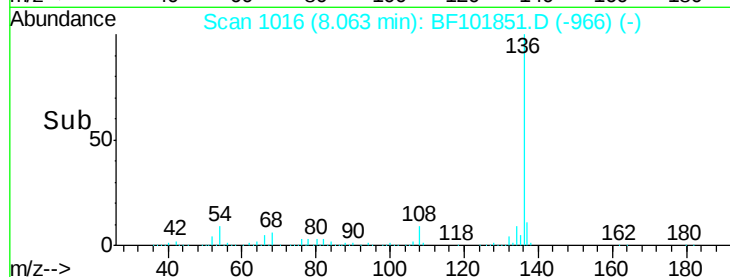


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.24 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Tgt Ion:105 Resp: 468731

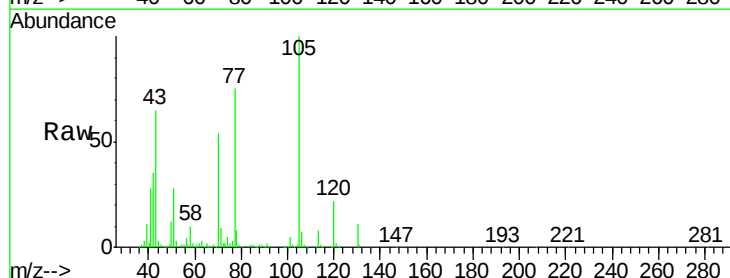
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 28.4 22.3 33.5

120 21.5 16.9 25.3

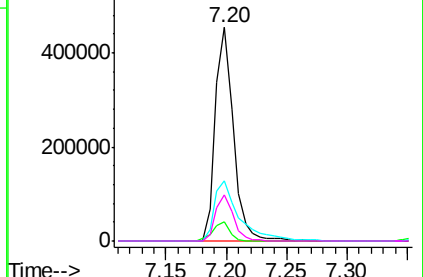
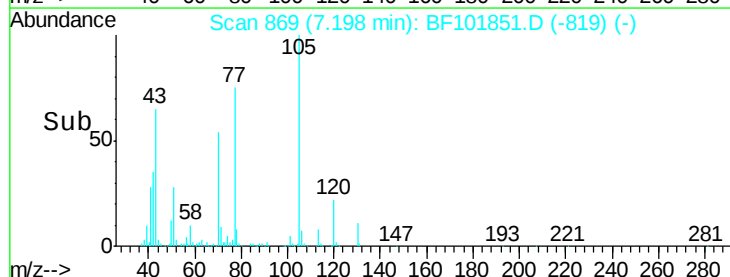


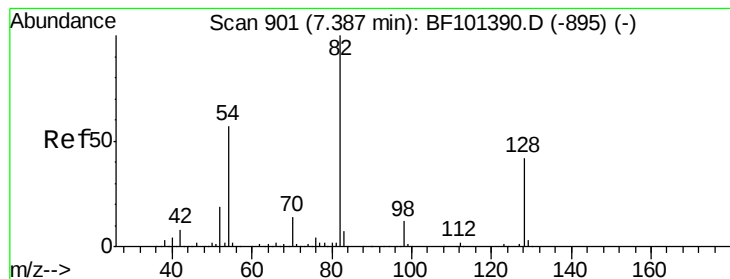
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 70.04 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

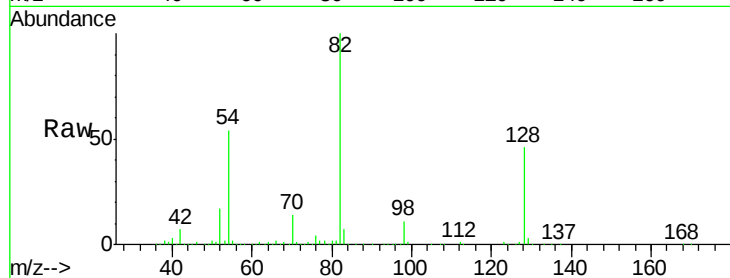
Tgt Ion: 82 Resp: 694009

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

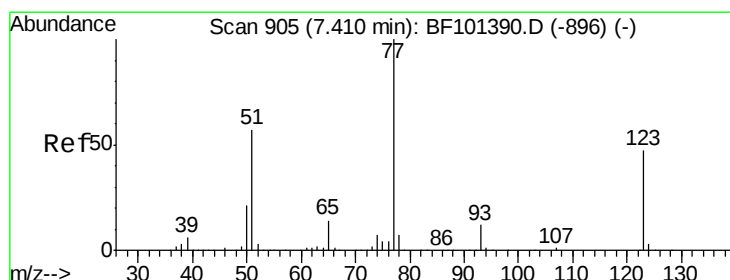
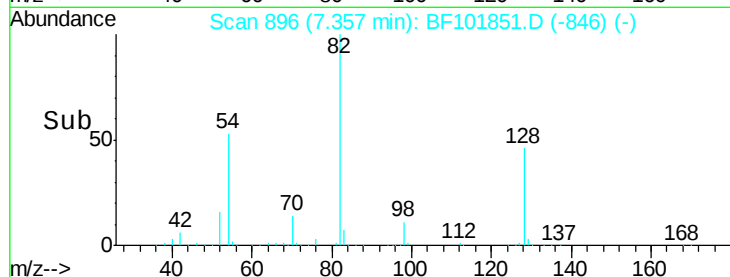
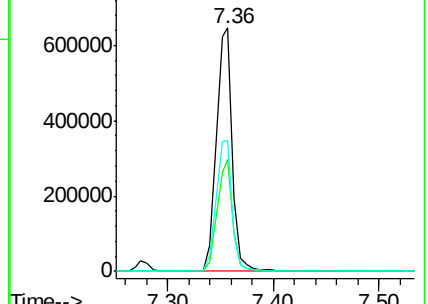
54 53.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 33.49 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

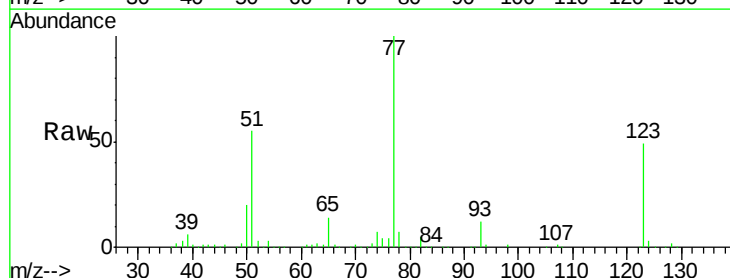
Tgt Ion: 77 Resp: 367230

Ion Ratio Lower Upper

77 100

123 48.8 37.9 56.9

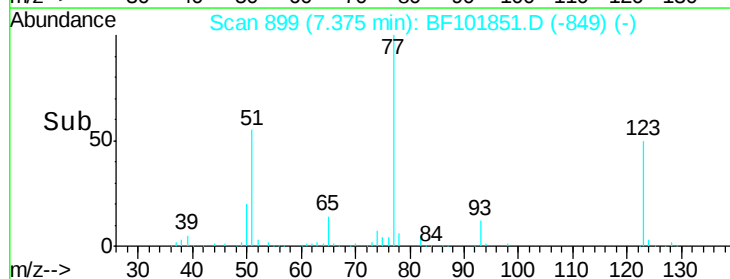
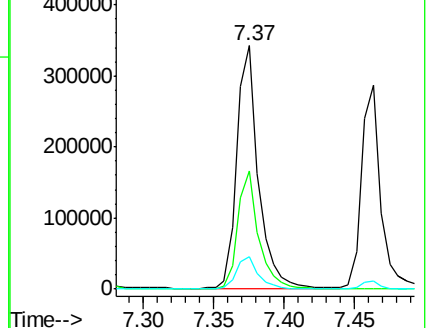
65 13.5 11.0 16.4

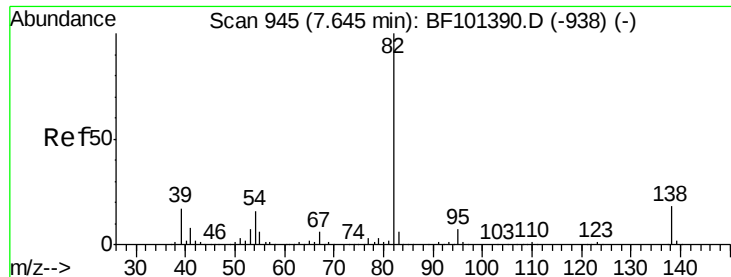


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.19 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

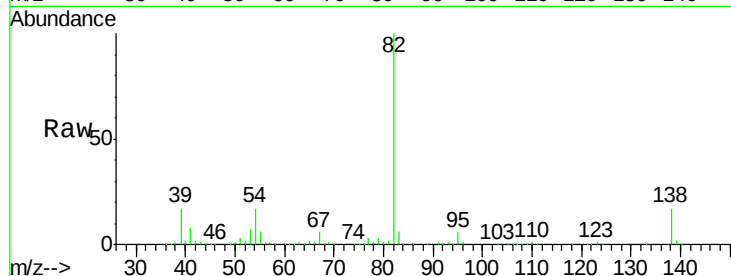
Tgt Ion: 82 Resp: 659699

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

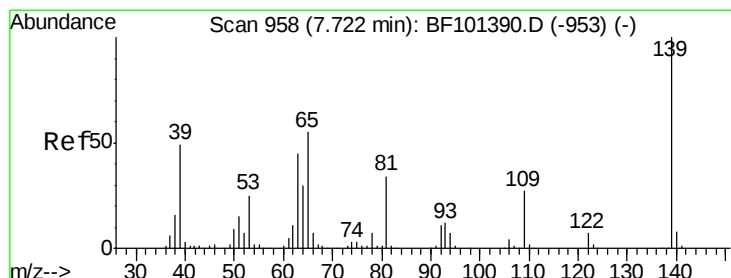
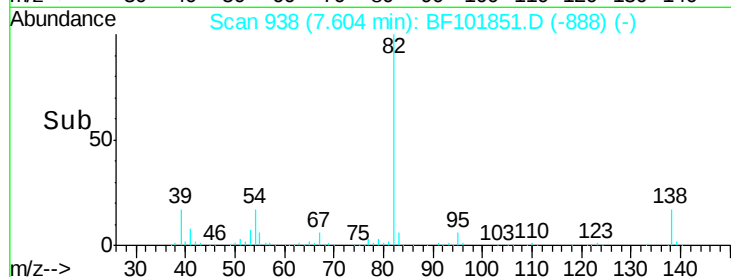
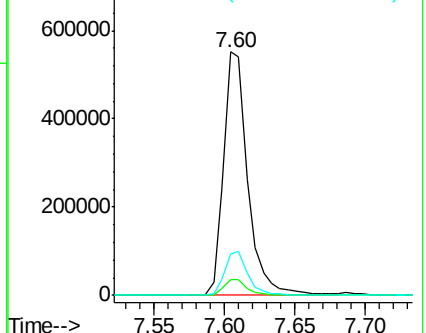
138 17.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.55 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

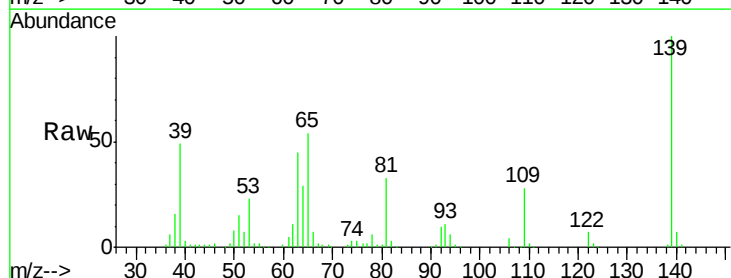
Tgt Ion: 139 Resp: 181614

Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

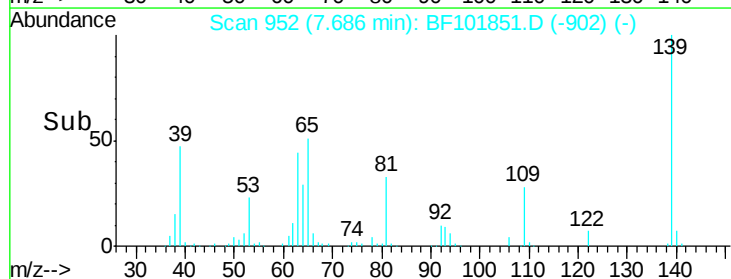
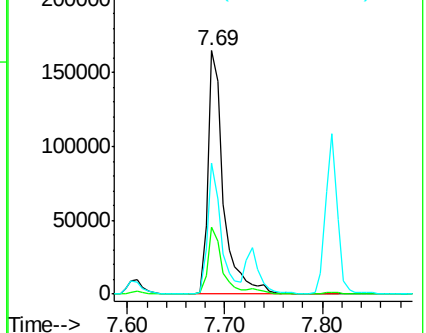
65 53.8 40.5 60.7

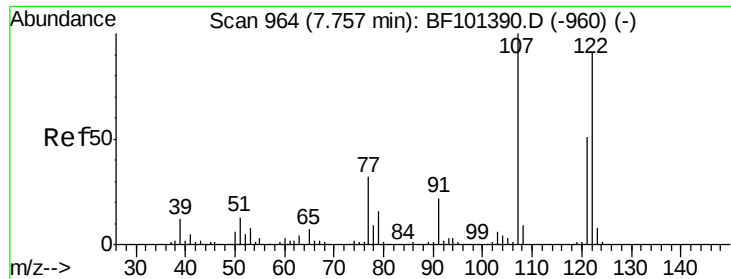


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

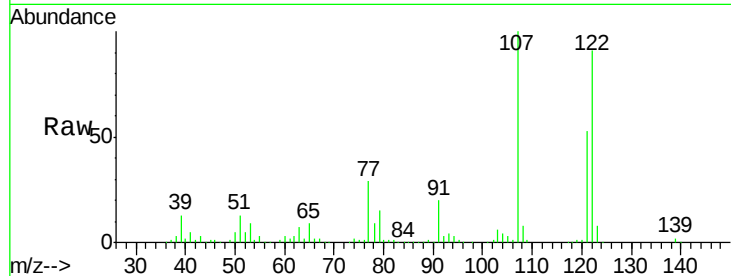




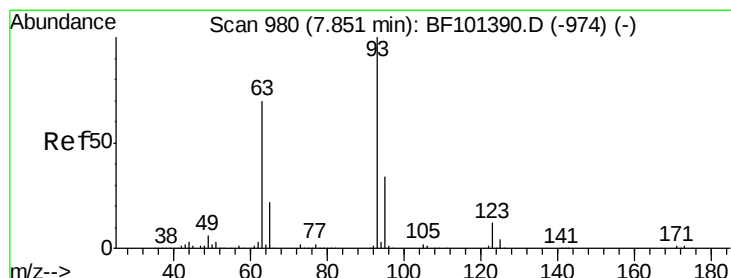
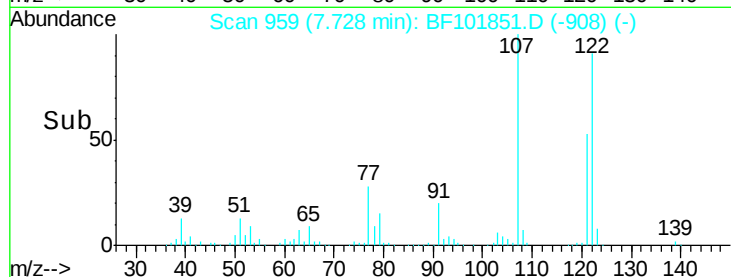
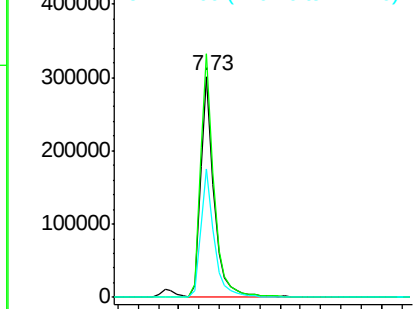
#27
2,4-Dimethylphenol
Concen: 34.67 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion:122 Resp: 277472
Ion Ratio Lower Upper
122 100
107 110.3 91.2 136.8
121 58.1 47.2 70.8

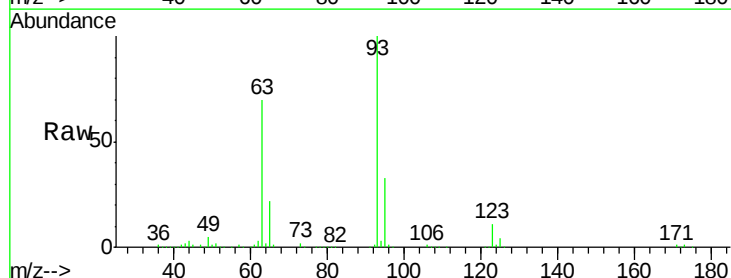


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

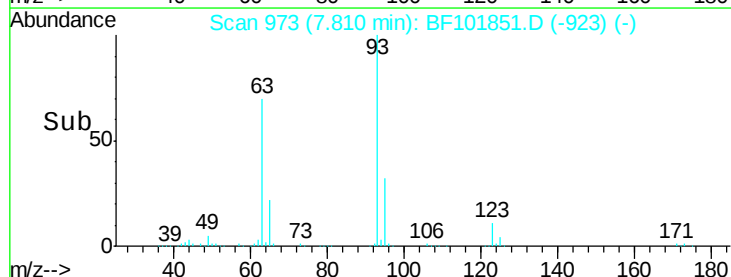
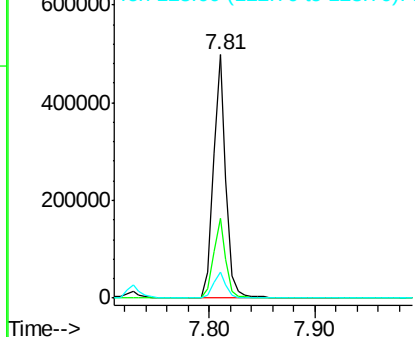


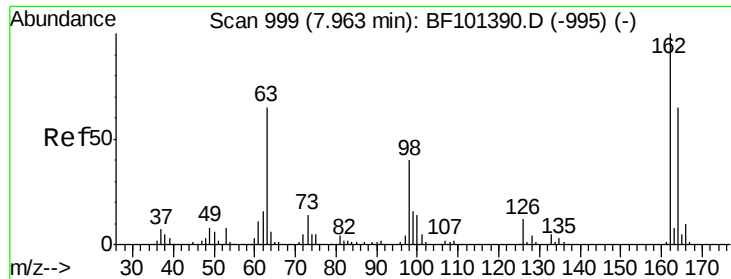
#28
bis(2-Chloroethoxy)methane
Concen: 33.04 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion: 93 Resp: 417165
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 10.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

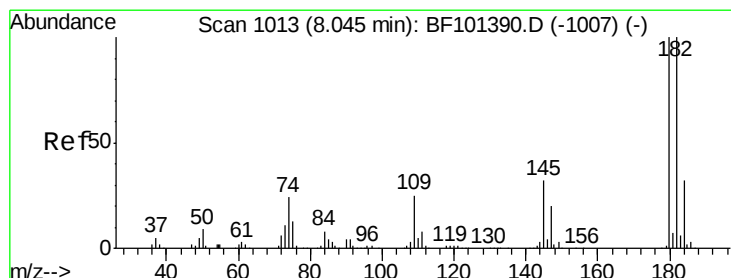
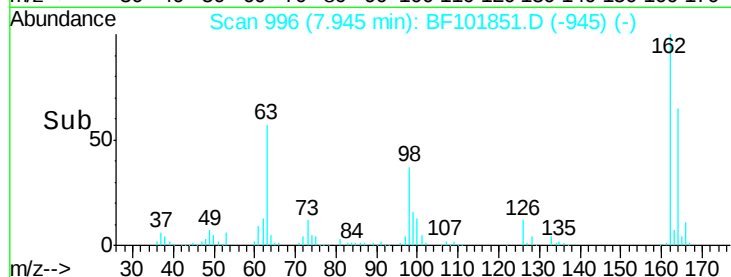
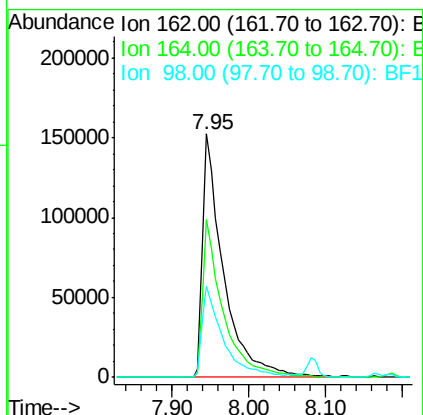
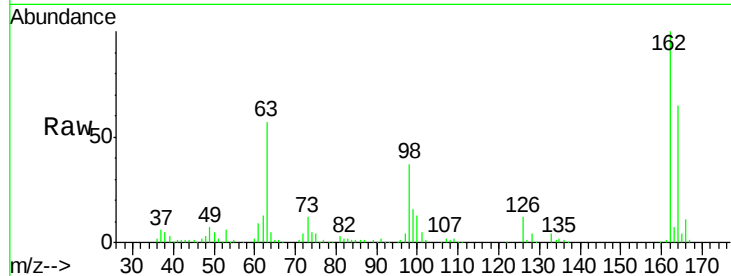




#29
2,4-Dichlorophenol
Concen: 36.43 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

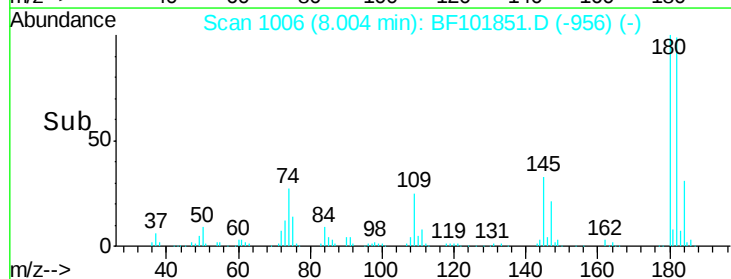
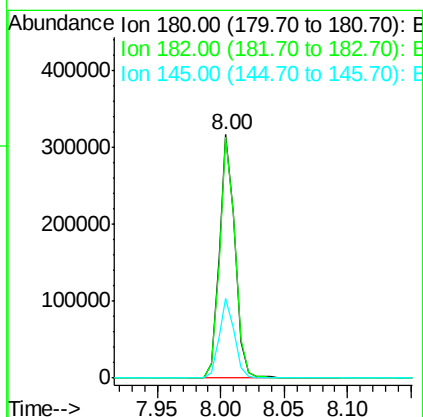
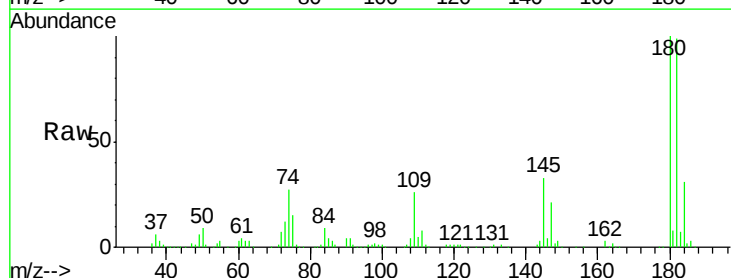
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

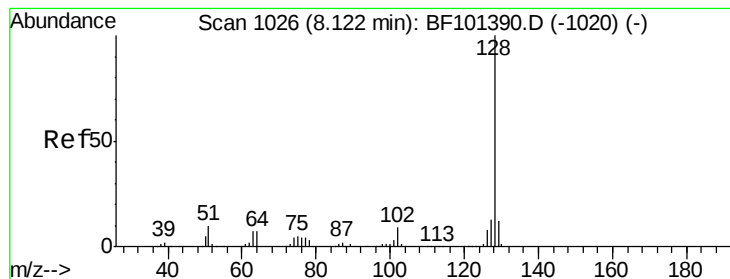
Tgt Ion:162 Resp: 288074
Ion Ratio Lower Upper
162 100
164 64.6 42.7 82.7
98 37.3 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 32.69 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:180 Resp: 272801
Ion Ratio Lower Upper
180 100
182 99.1 76.8 115.2
145 32.8 26.5 39.7





#31

Naphthalene

Concen: 32.84 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

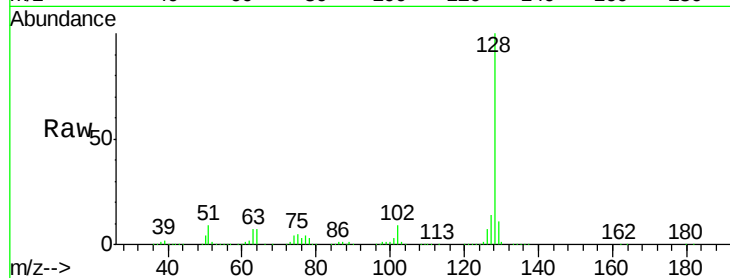
Tgt Ion:128 Resp: 912007

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

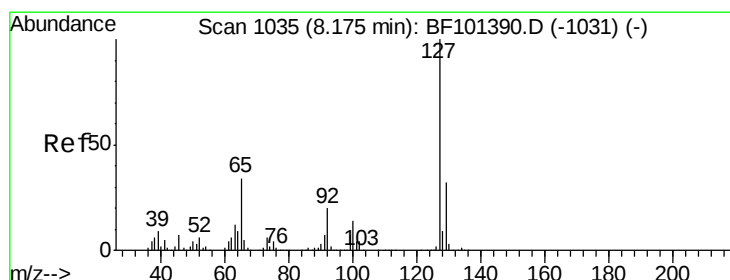
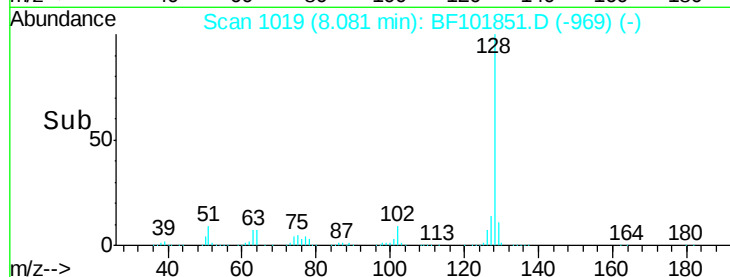
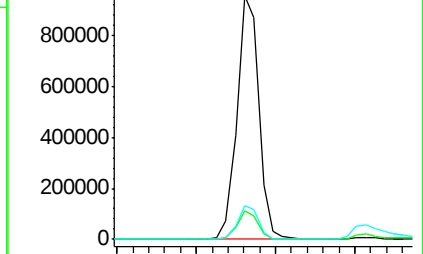
127 13.6 10.9 16.3



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



#33

4-Chloroaniline

Concen: 9.13 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Tgt Ion:127 Resp: 110202

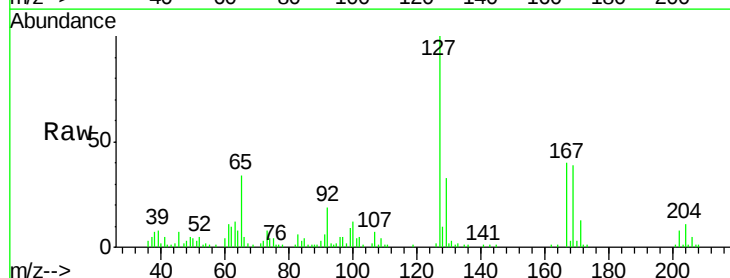
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 33.8 25.0 37.4

92 18.8 15.2 22.8

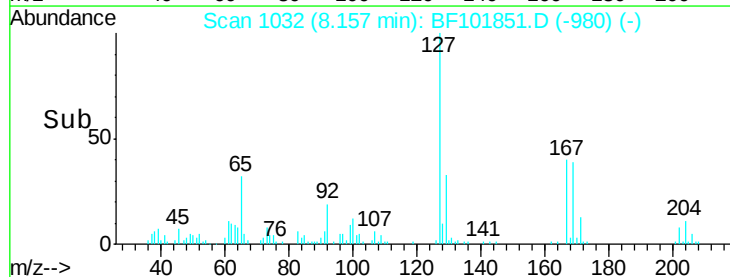
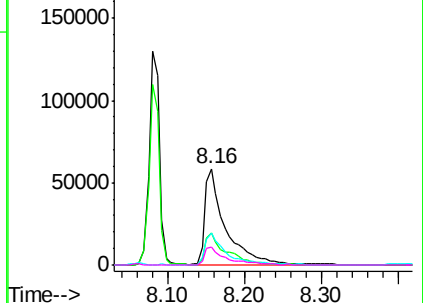


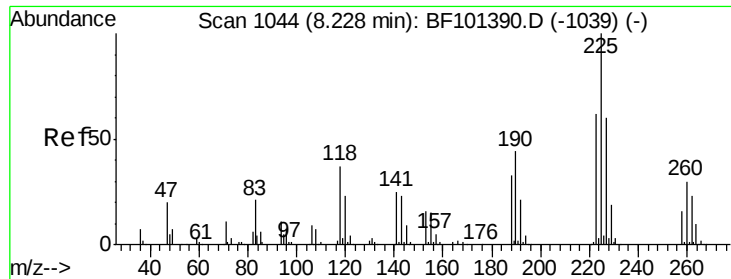
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 32.28 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

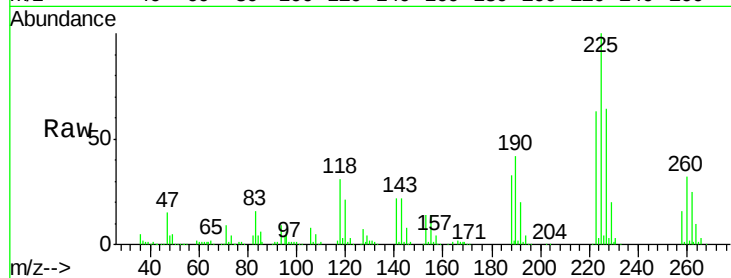
Tgt Ion:225 Resp: 155794

Ion Ratio Lower Upper

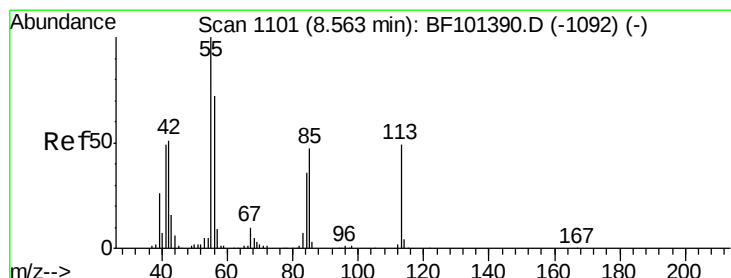
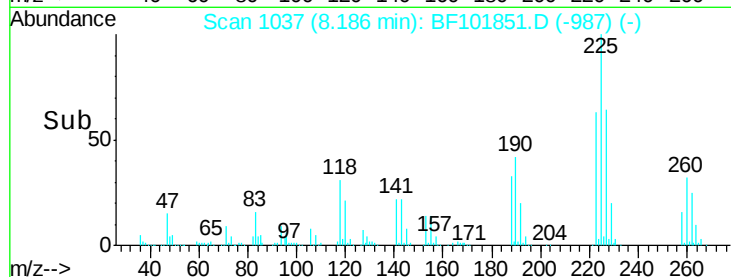
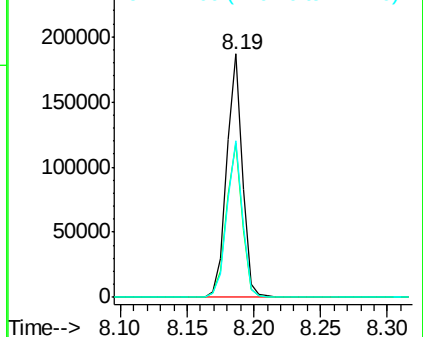
225 100

223 63.3 50.6 76.0

227 64.1 51.9 77.9



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



#35

Caprolactam

Concen: 33.56 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.02 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

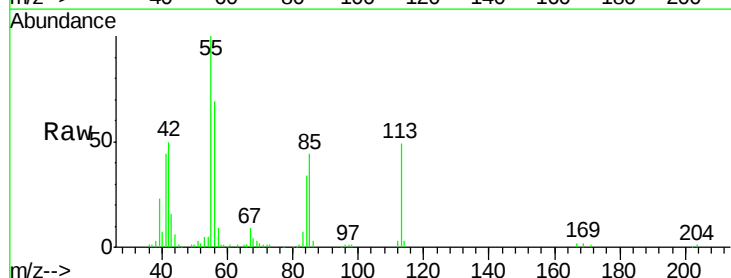
Tgt Ion:113 Resp: 92154

Ion Ratio Lower Upper

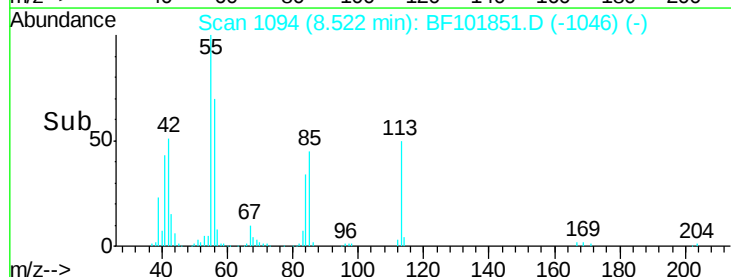
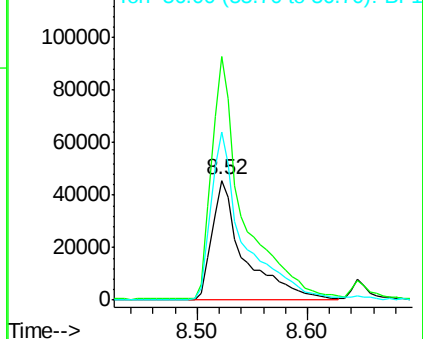
113 100

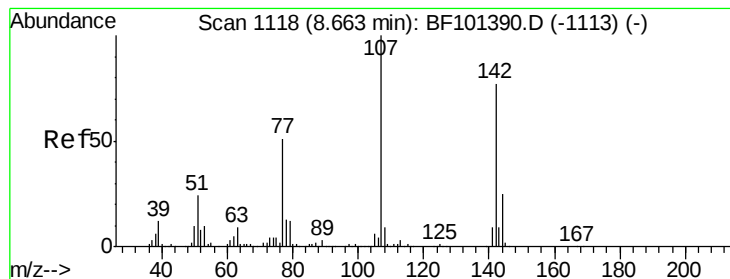
55 203.1 163.3 203.3

56 140.4 115.7 155.7



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: 33.11 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

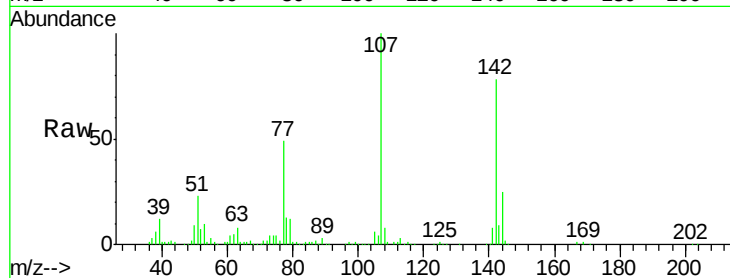
Tgt Ion:107 Resp: 287724

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

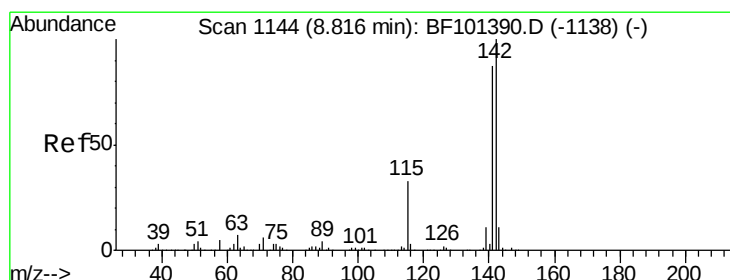
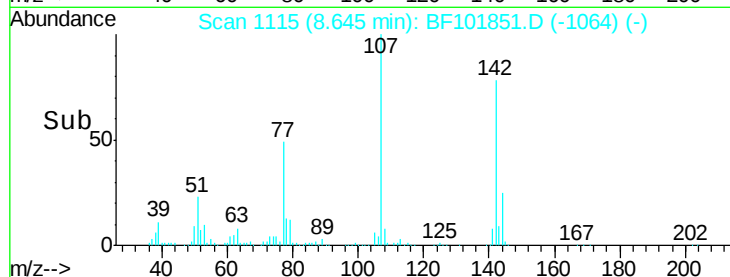
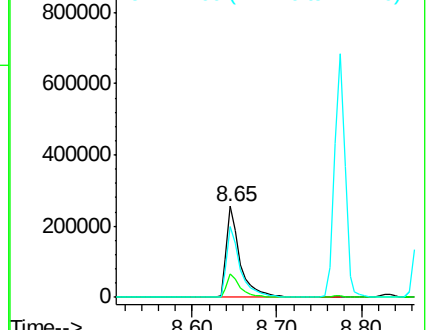
142 78.3 62.0 93.0



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: 32.34 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

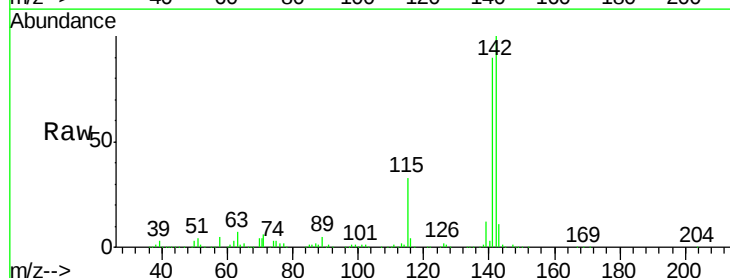
Tgt Ion:142 Resp: 585115

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

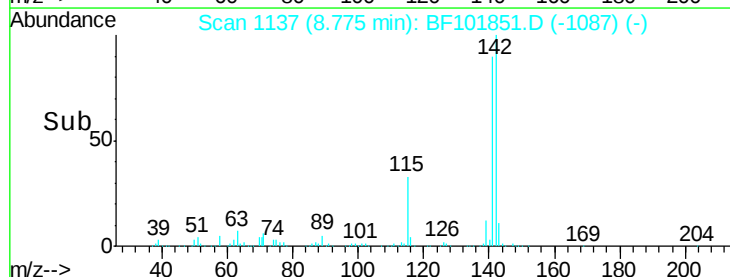
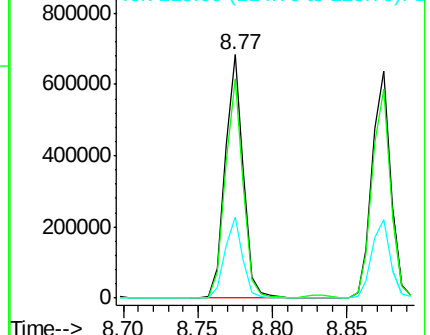
115 33.2 26.1 39.1

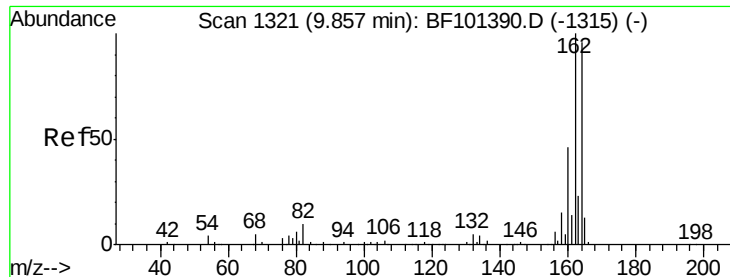


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

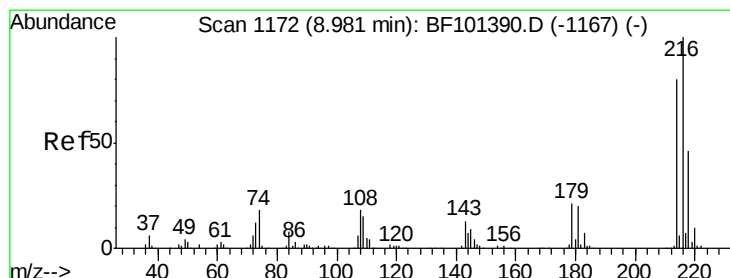
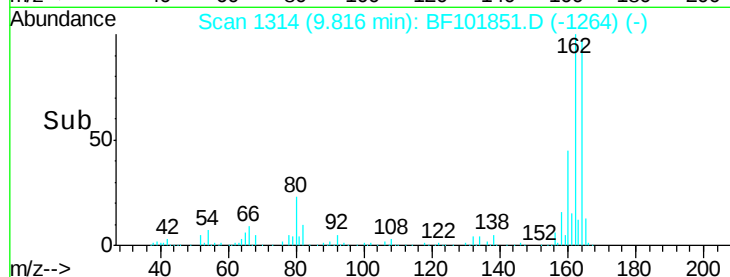
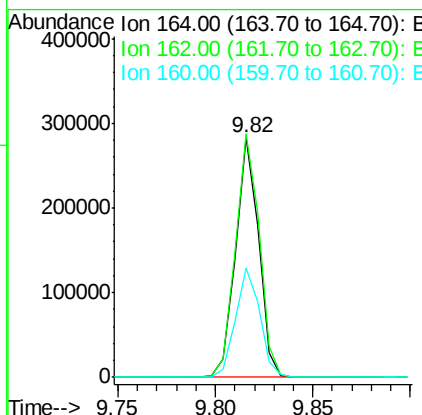
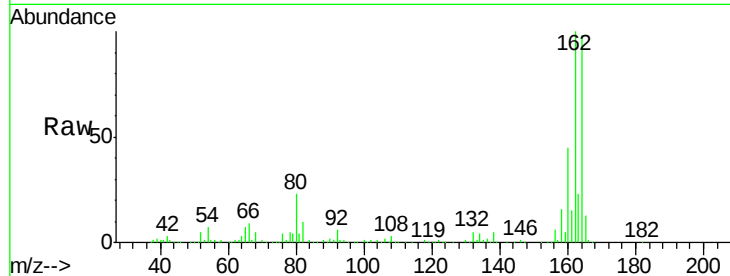




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF101851.D
 Acq: 2 Jan 2018 15:17

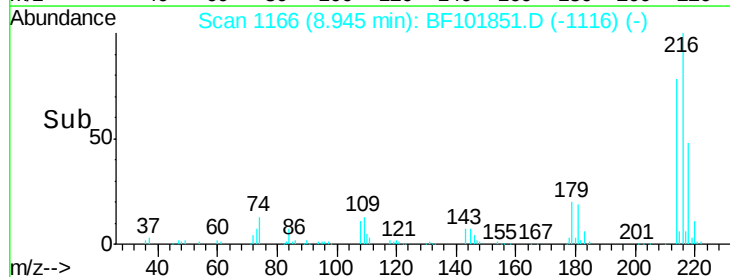
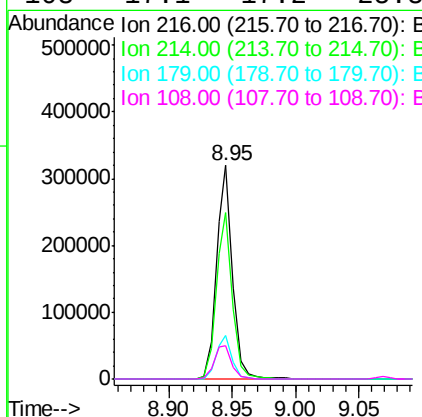
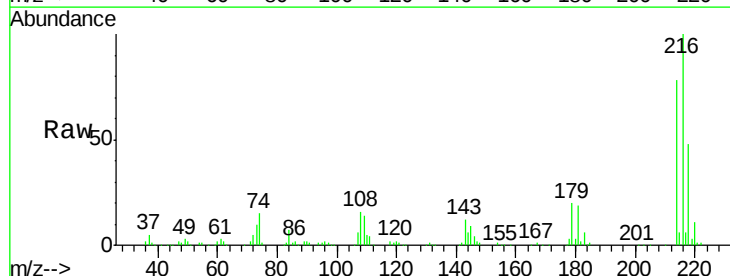
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-2(5-10)MSD

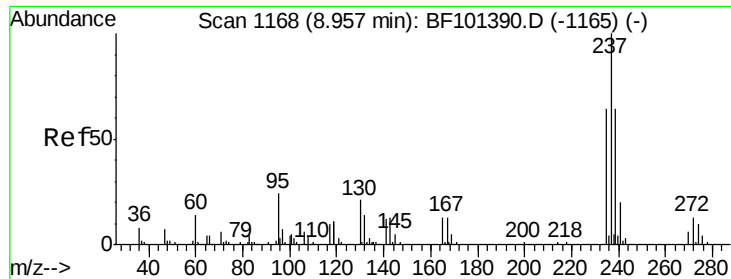
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	45.8	38.3	57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.17 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF101851.D
 Acq: 2 Jan 2018 15:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	20.3	18.1	27.1
108	17.1	17.2	25.8#

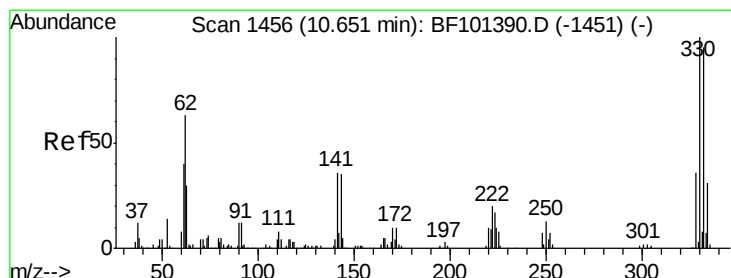
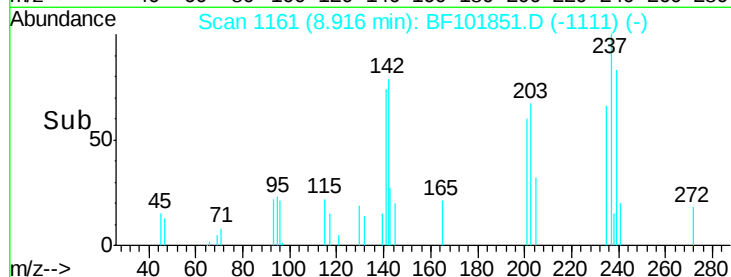
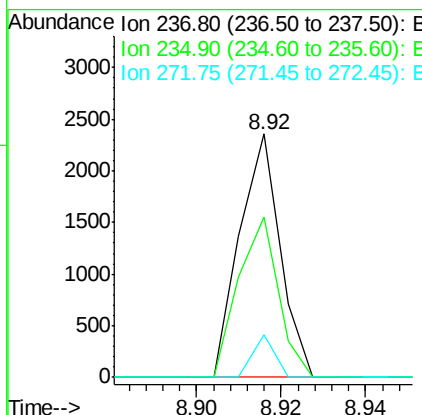
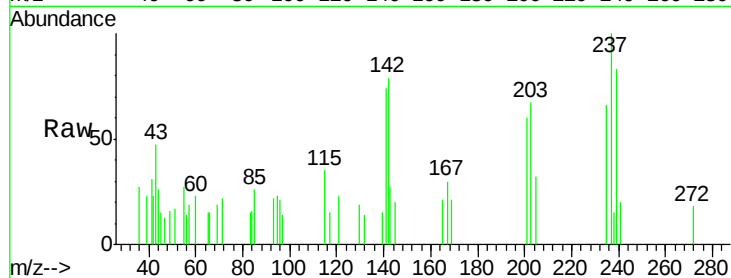




#40
Hexachlorocyclopentadiene
Concen: 12.70 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

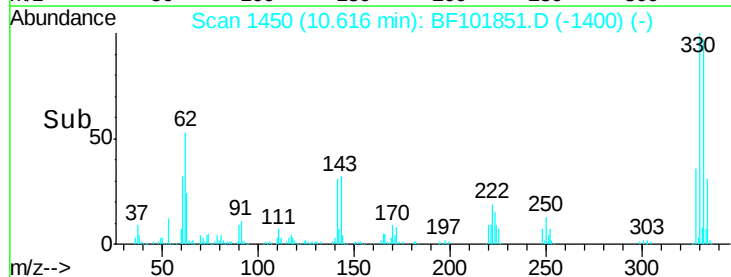
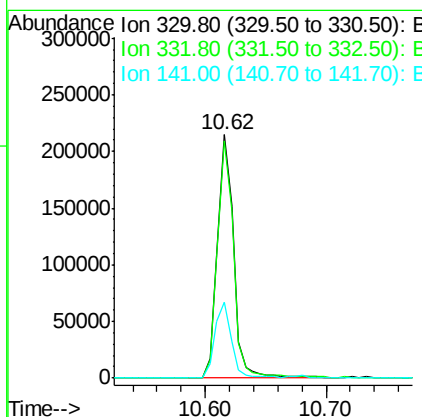
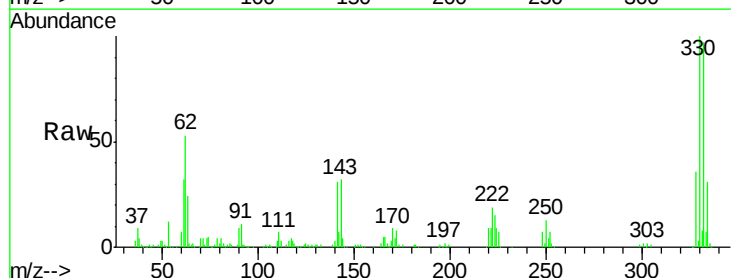
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

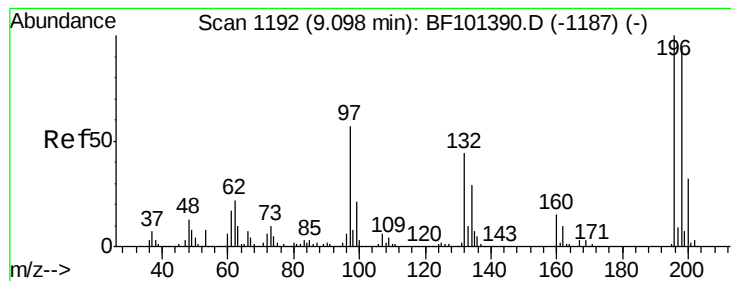
Tgt Ion:237 Resp: 1567
Ion Ratio Lower Upper
237 100
235 65.8 44.8 84.8
272 17.6 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 89.15 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:330 Resp: 198400
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.7 29.9 44.9





#42

2,4,6-Trichlorophenol

Concen: 36.81 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

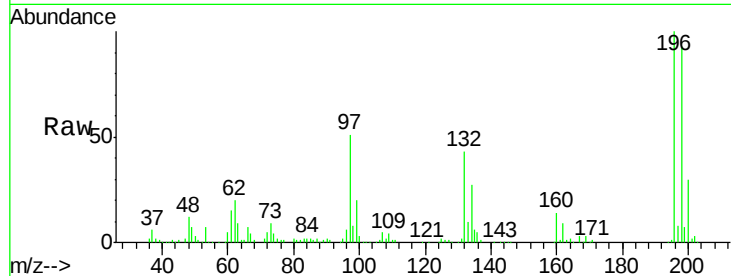
Tgt Ion:196 Resp: 172814

Ion Ratio Lower Upper

196 100

198 92.8 75.7 113.5

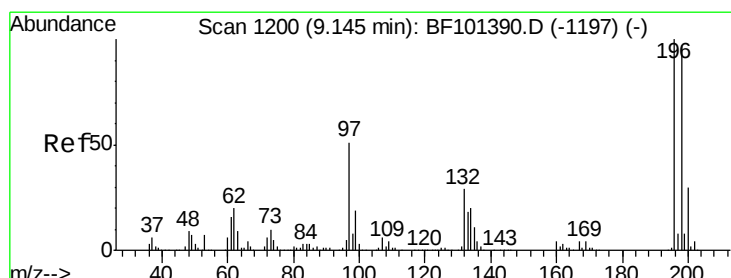
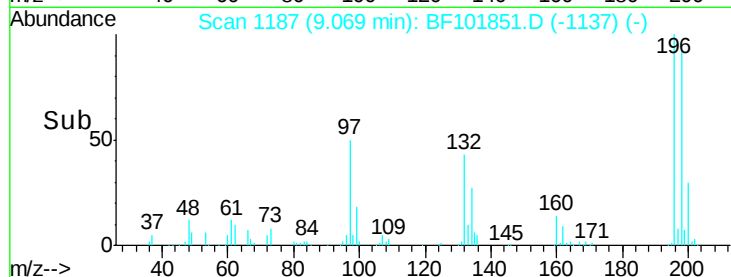
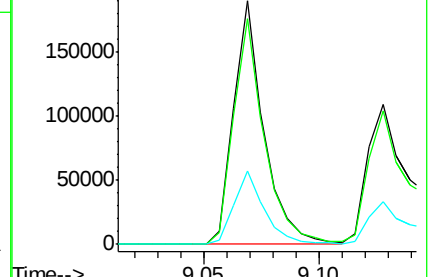
200 30.3 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 30.82 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Tgt Ion:196 Resp: 158403

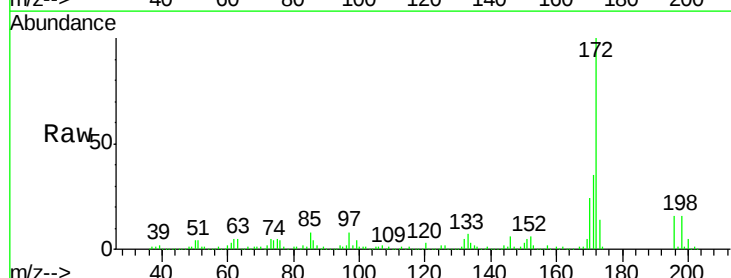
Ion Ratio Lower Upper

196 100

198 95.7 74.6 112.0

97 47.3 42.9 64.3

132 30.1 26.3 39.5

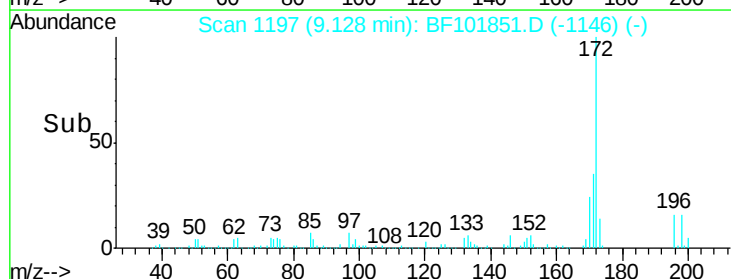
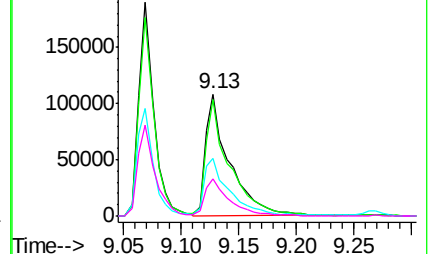


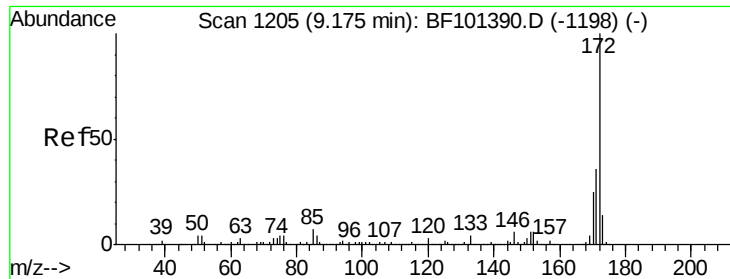
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

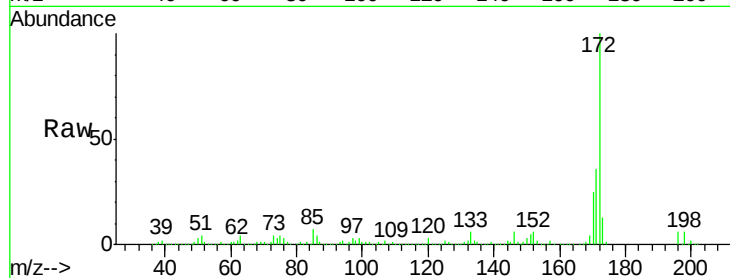




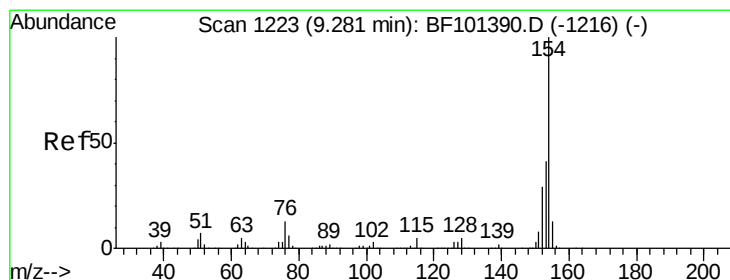
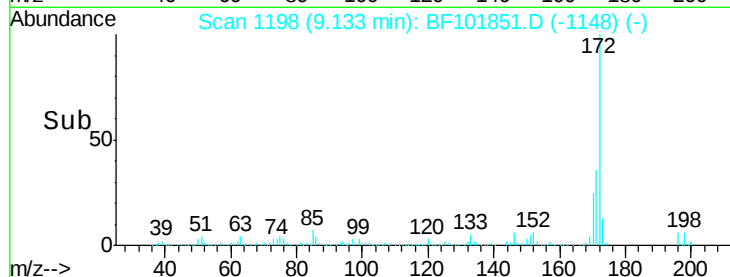
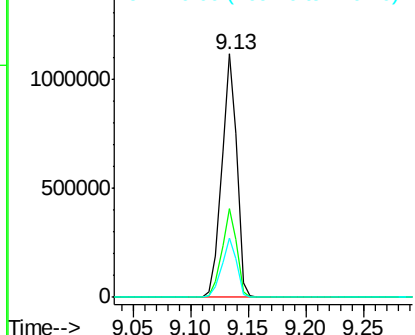
#44
2-Fluorobiphenyl
Concen: 67.40 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion:172 Resp: 1003500
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4

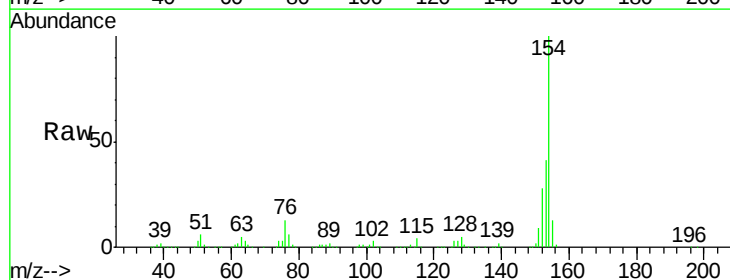


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

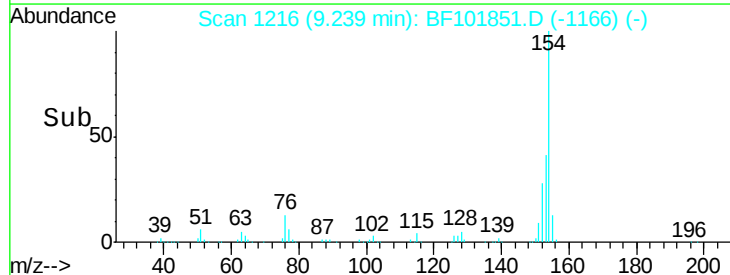
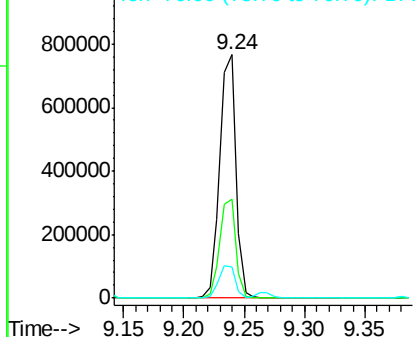


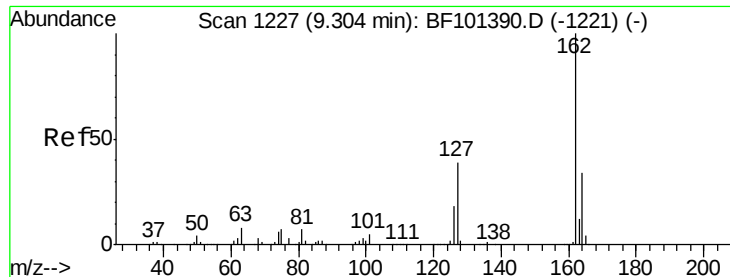
#45
1,1'-Biphenyl
Concen: 34.38 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:154 Resp: 704197
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 13.0 0.0 34.0



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

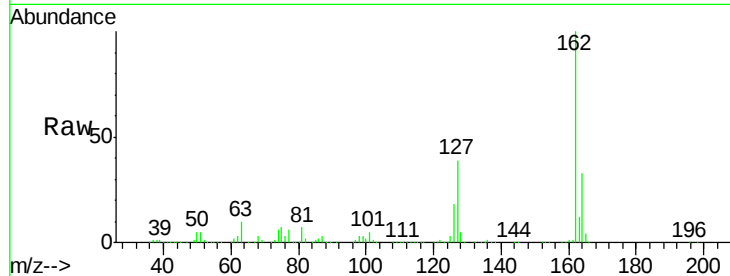




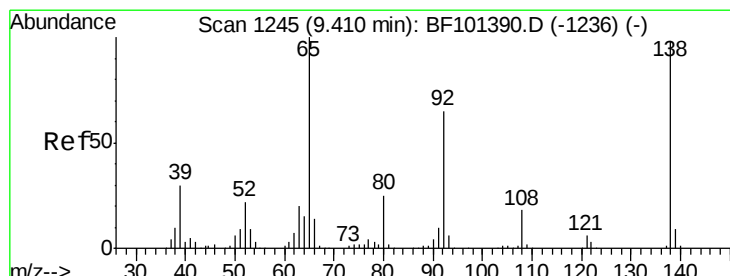
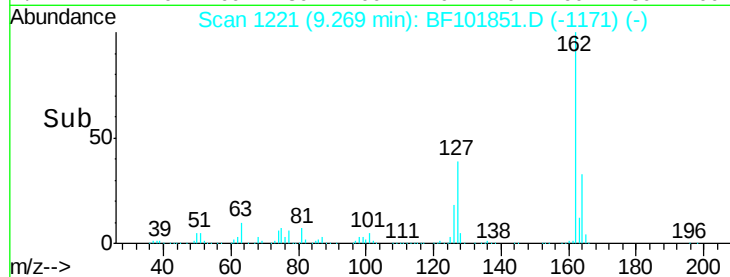
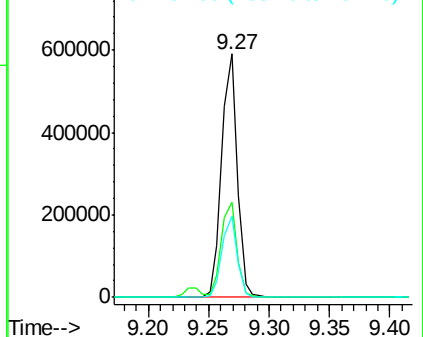
#46
2-Chloronaphthalene
Concen: 33.47 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	33.3	26.5	39.7

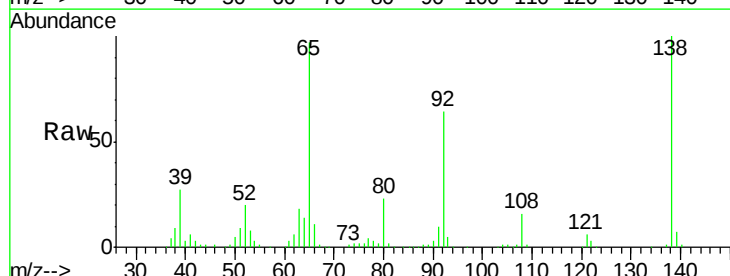


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

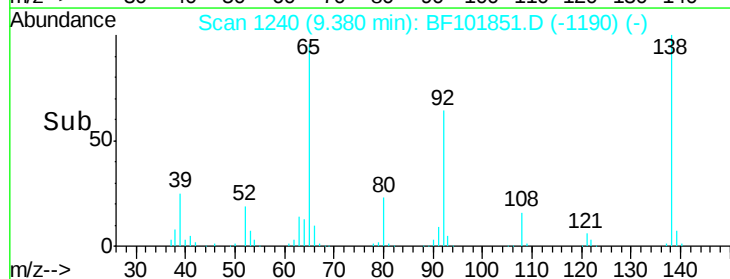
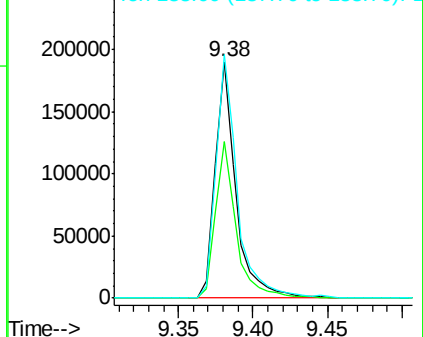


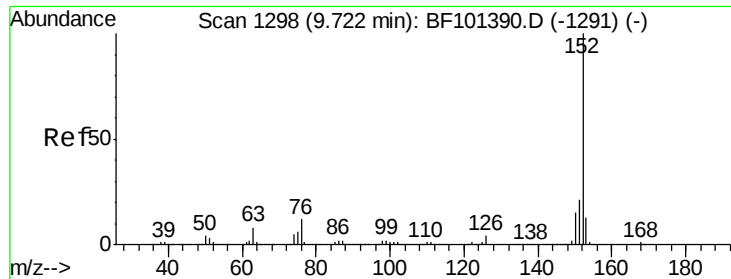
#47
2-Nitroaniline
Concen: 34.12 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	55.8	83.6
138	103.2	91.2	136.8



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

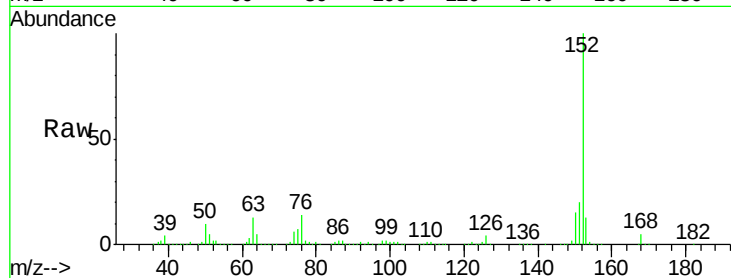




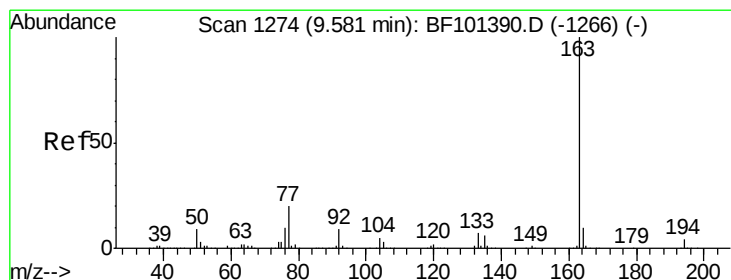
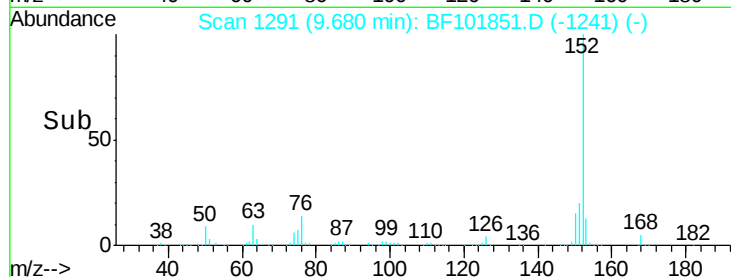
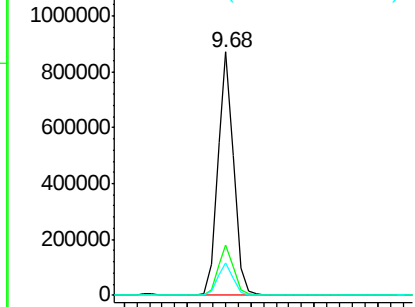
#48
Acenaphthylene
Concen: 30.81 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion: 152 Resp: 762670
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.2 10.7 16.1

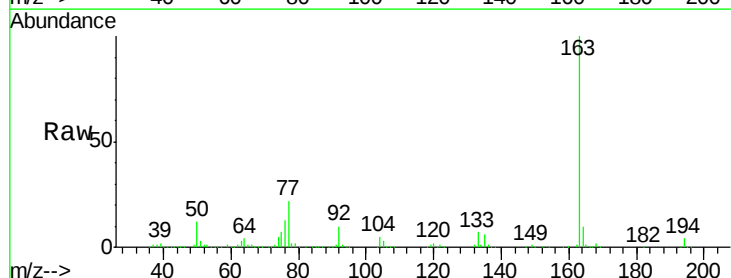


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

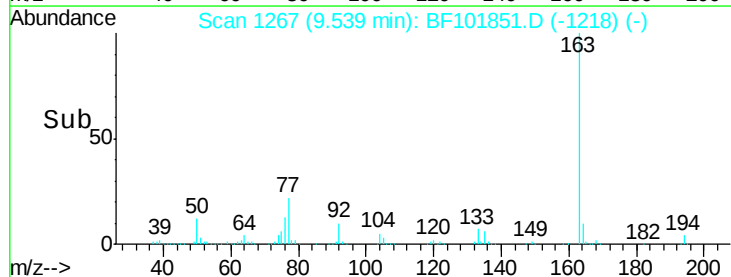
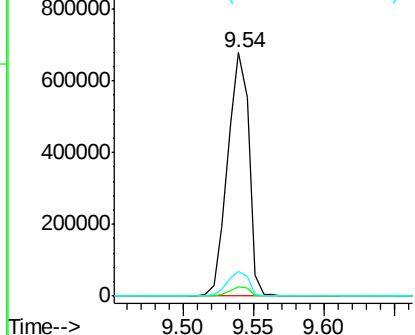


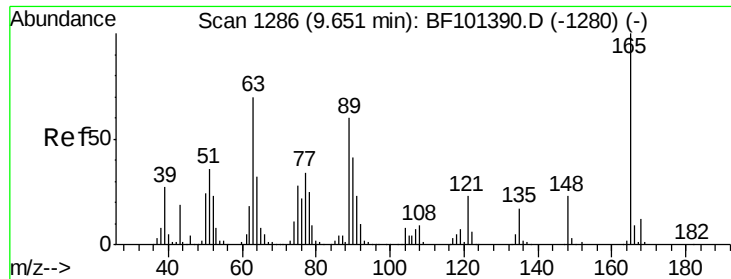
#49
Dimethylphthalate
Concen: 38.37 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion: 163 Resp: 712725
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2



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

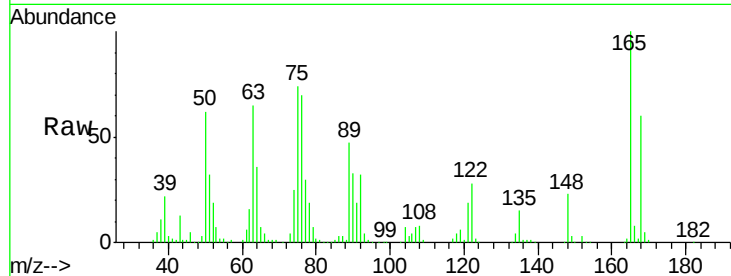




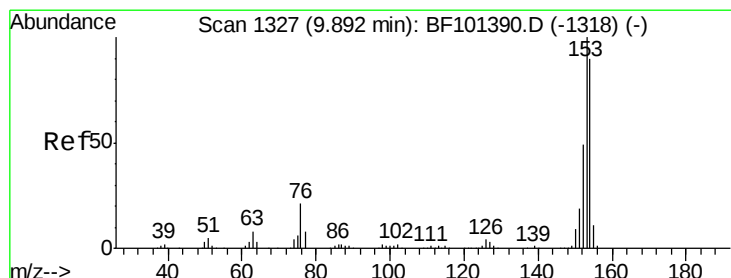
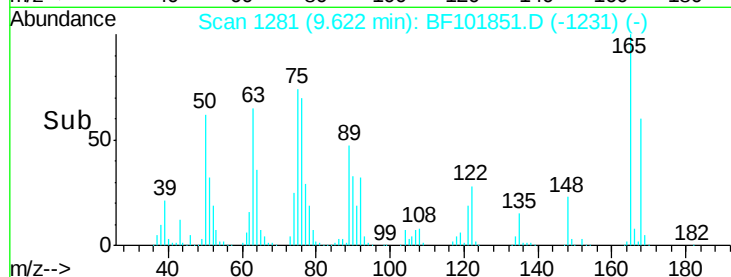
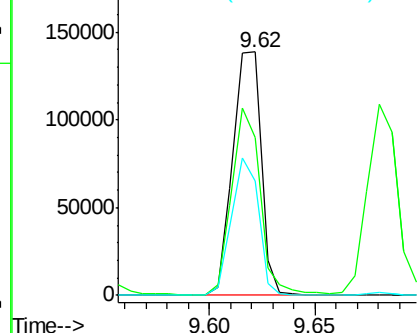
#50
2,6-Dinitrotoluene
Concen: 34.21 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion:165 Resp: 129146
Ion Ratio Lower Upper
165 100
63 64.9 44.7 67.1
89 46.8 44.0 66.0

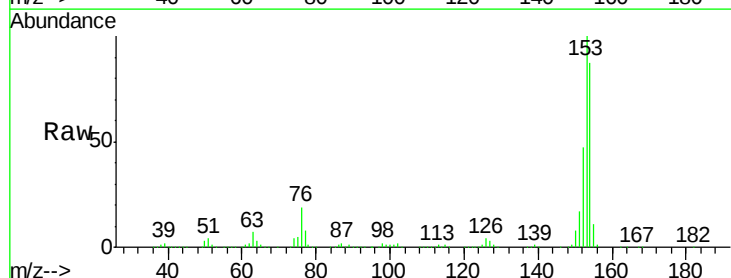


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

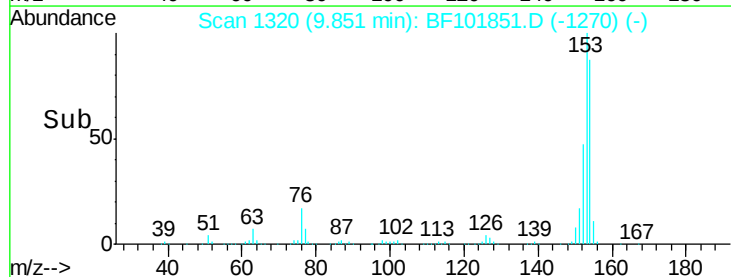
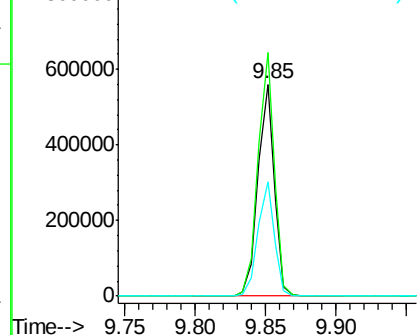


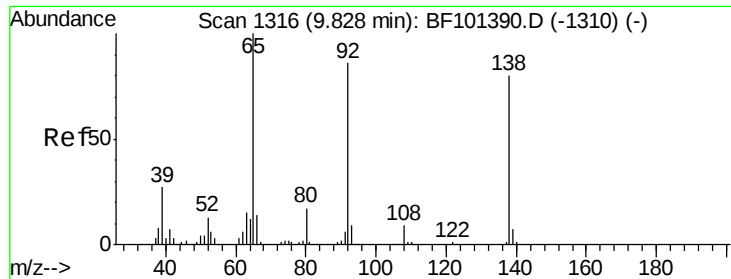
#51
Acenaphthene
Concen: 30.88 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:154 Resp: 459191
Ion Ratio Lower Upper
154 100
153 114.9 91.2 136.8
152 54.2 43.8 65.8



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

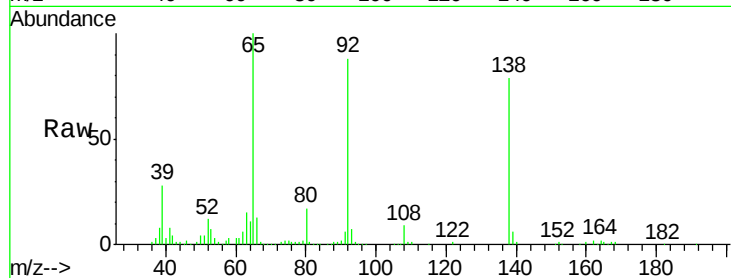




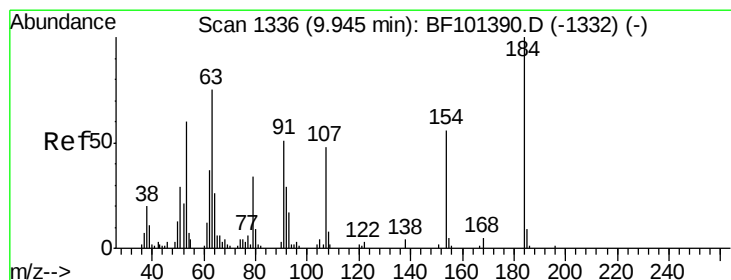
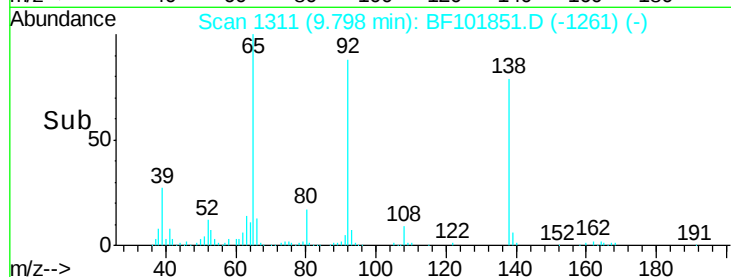
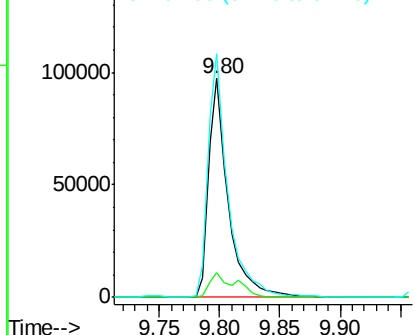
#52
 3-Nitroaniline
 Concen: 23.16 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF101851.D
 Acq: 2 Jan 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-2(5-10)MSD

Tgt Ion:138 Resp: 109034
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.4 14.0
 92 111.2 89.4 134.2

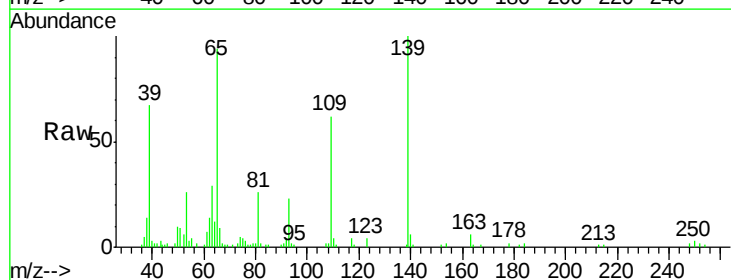


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

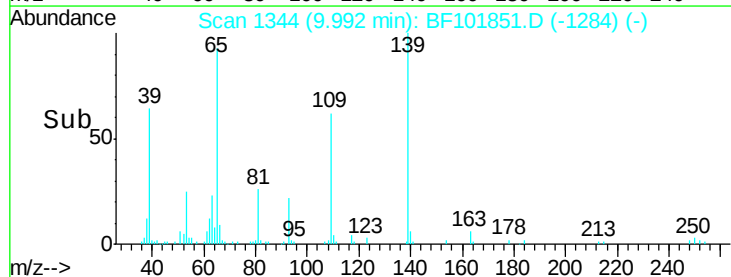
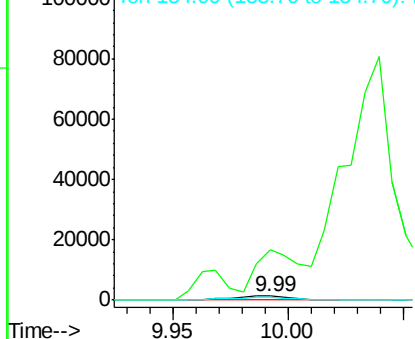


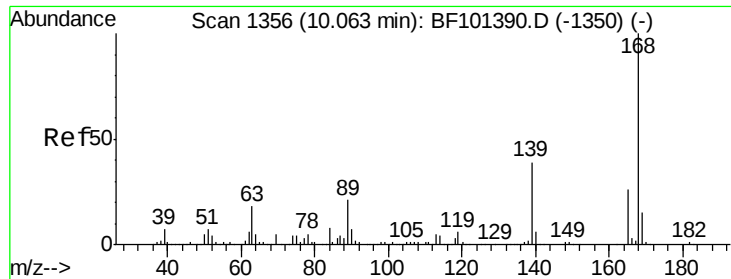
#53
 2,4-Dinitrophenol
 Concen: 11.74 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.05 min
 Lab File: BF101851.D
 Acq: 2 Jan 2018 15:17

Tgt Ion:184 Resp: 2146
 Ion Ratio Lower Upper
 184 100
 63 1301.4 54.2 81.2#
 154 75.3 184.0 276.0#



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

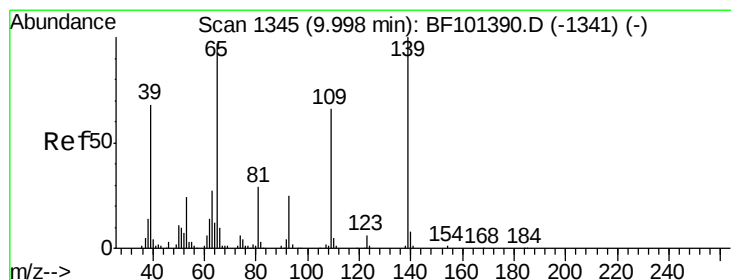
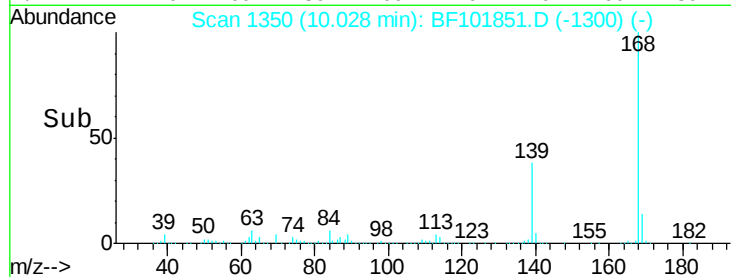
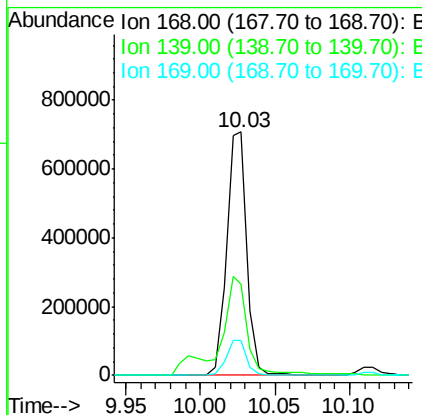
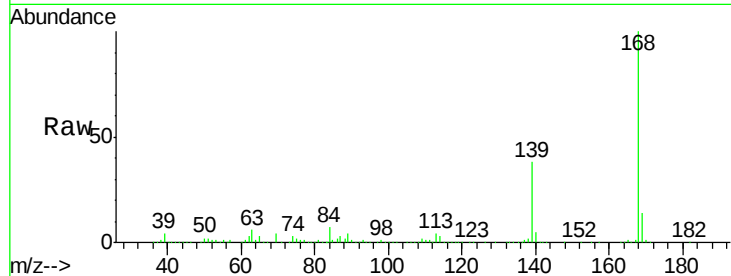




#54
Dibenzofuran
Concen: 35.81 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

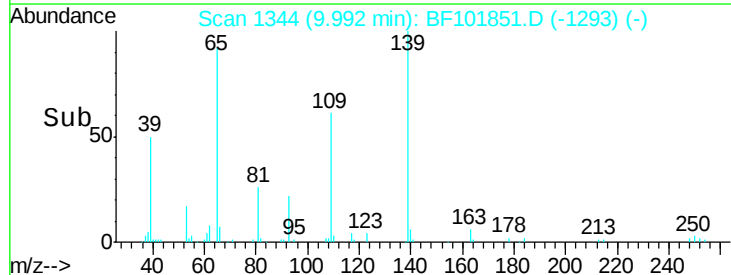
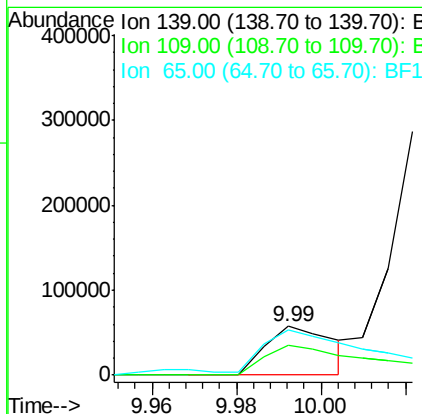
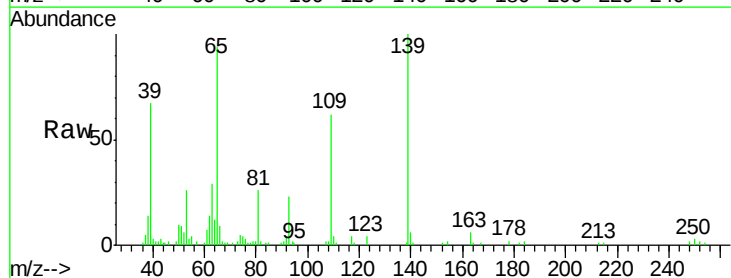
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

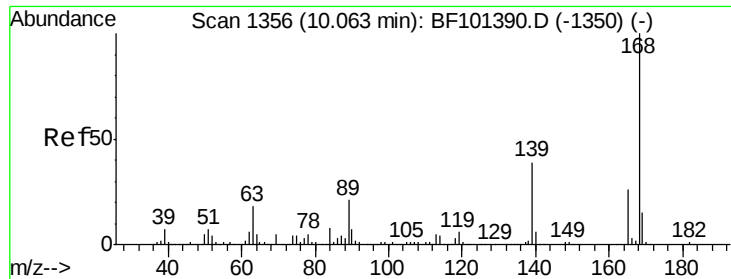
Tgt Ion:168 Resp: 676797
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 14.2 10.9 16.3



#55
4-Nitrophenol
Concen: 31.42 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:139 Resp: 64498
Ion Ratio Lower Upper
139 100
109 61.5 48.4 88.4
65 93.8 72.6 112.6

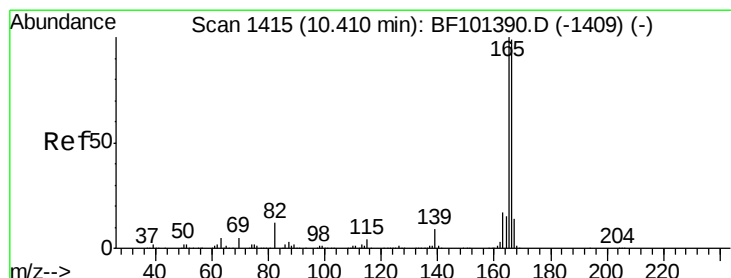
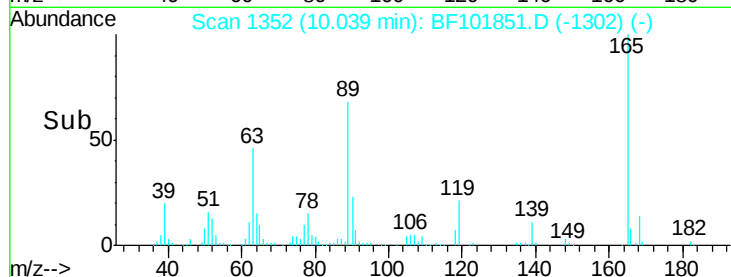
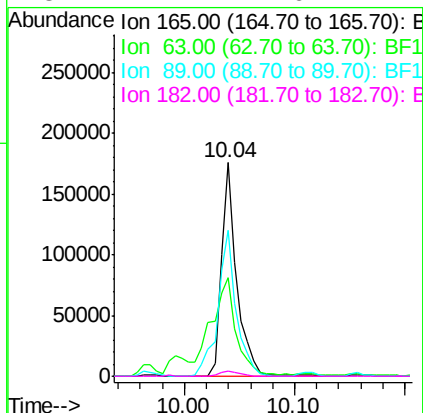
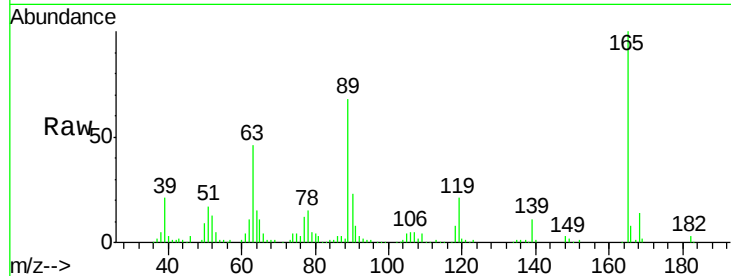




#56
2,4-Dinitrotoluene
Concen: 39.67 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

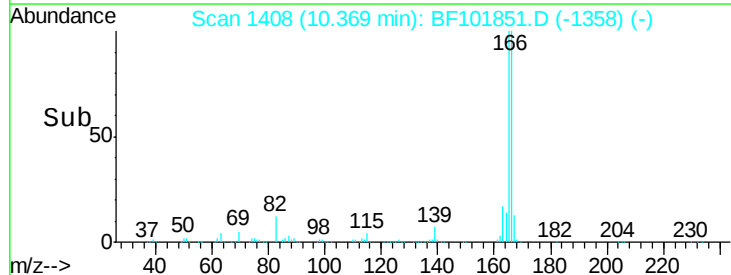
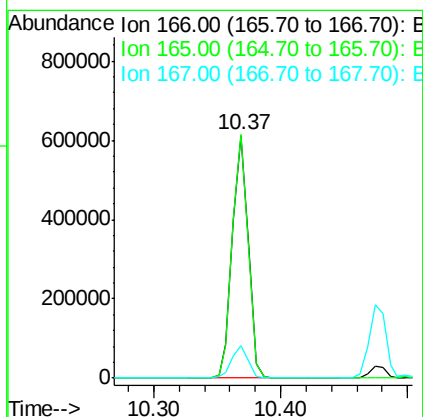
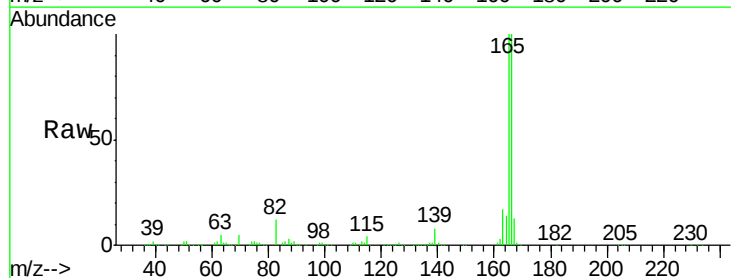
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

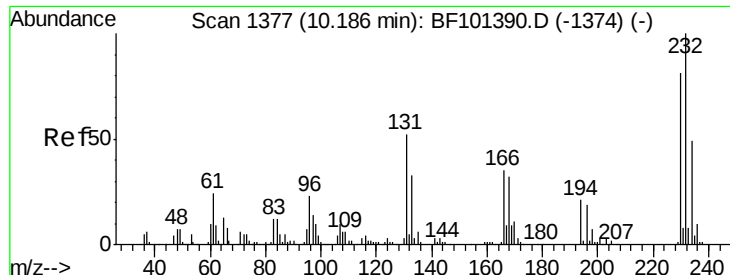
Tgt Ion:165 Resp: 168729
Ion Ratio Lower Upper
165 100
63 46.0 36.4 54.6
89 68.4 57.8 86.6
182 2.7 1.6 2.4#



#57
Fluorene
Concen: 32.85 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:166 Resp: 525131
Ion Ratio Lower Upper
166 100
165 100.2 79.8 119.8
167 13.4 10.6 16.0

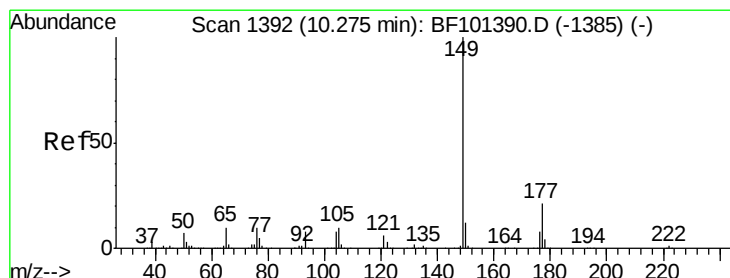
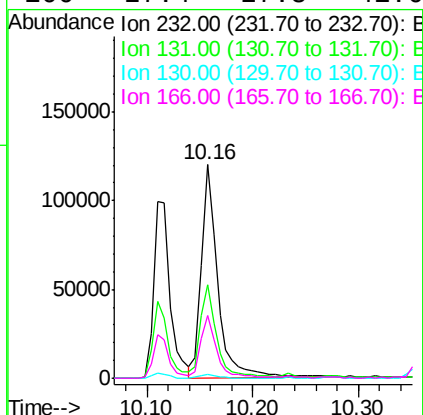
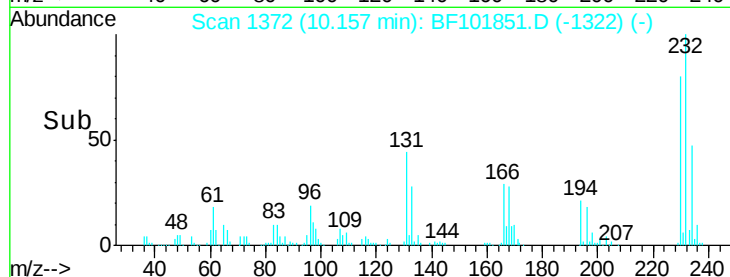
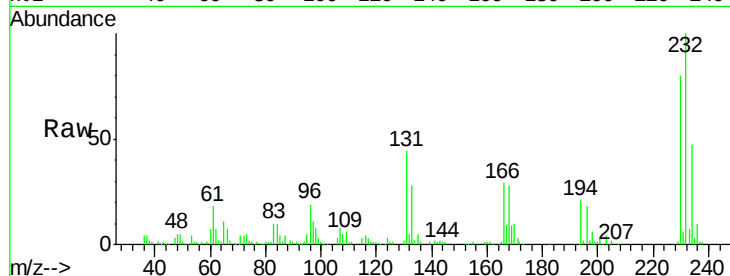




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.70 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF101851.D
 Acq: 2 Jan 2018 15:17

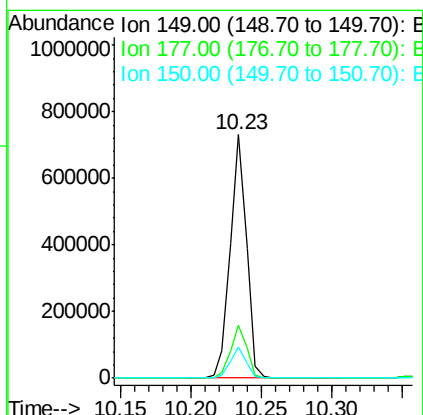
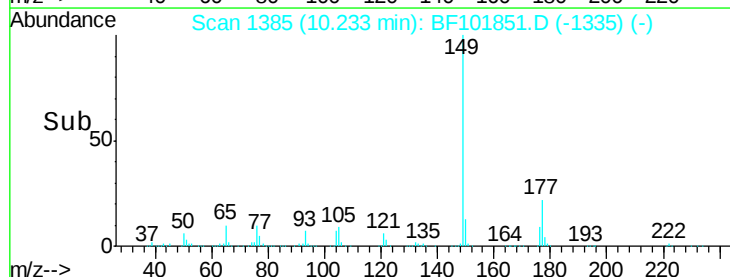
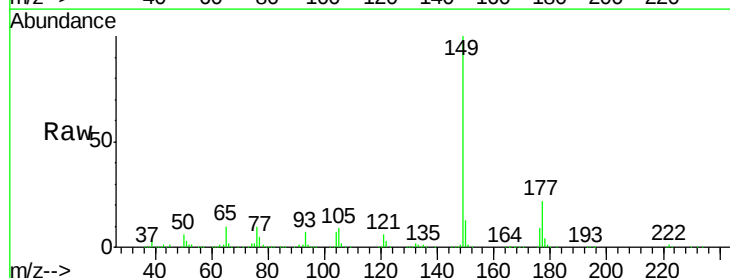
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-2(5-10)MSD

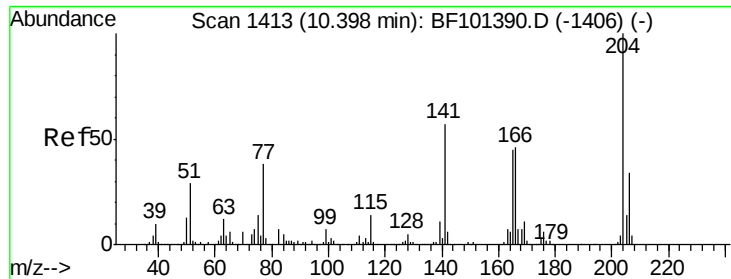
Tgt Ion: 232 Resp: 128140
 Ion Ratio Lower Upper
 232 100
 131 41.7 43.8 65.8#
 130 1.9 2.1 3.1#
 166 27.4 27.8 41.6#



#59
 Diethylphthalate
 Concen: 31.95 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF101851.D
 Acq: 2 Jan 2018 15:17

Tgt Ion: 149 Resp: 587822
 Ion Ratio Lower Upper
 149 100
 177 21.9 16.1 24.1
 150 12.7 10.1 15.1

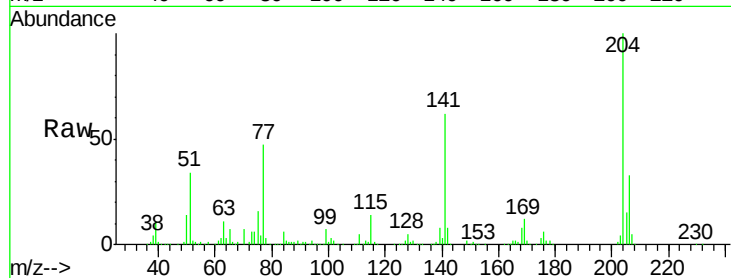




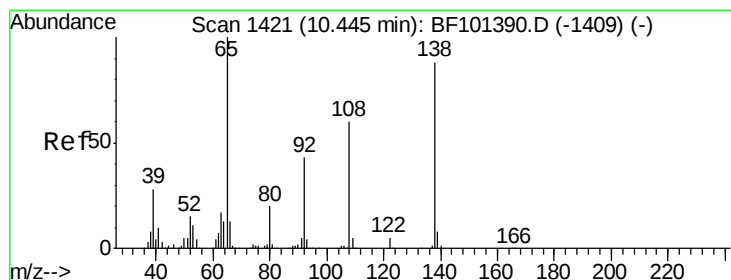
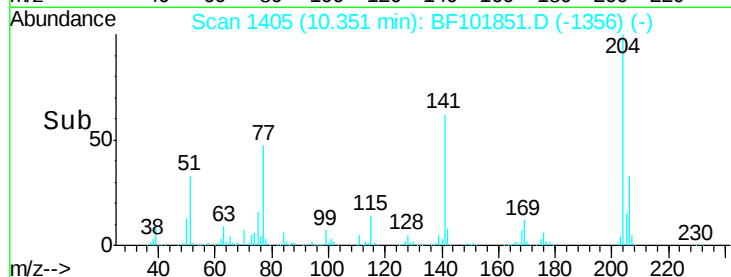
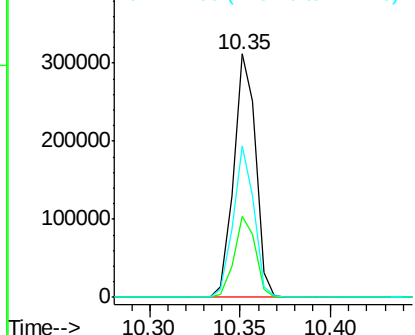
#60
4-Chlorophenyl-phenylether
Concen: 34.24 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion:204 Resp: 262391
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 62.4 54.6 81.8

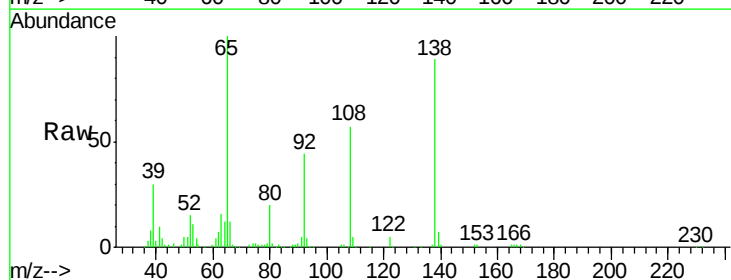


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

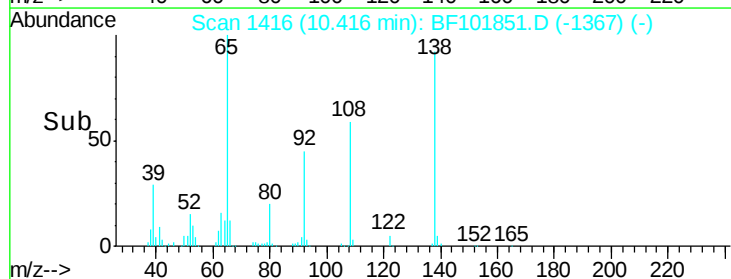
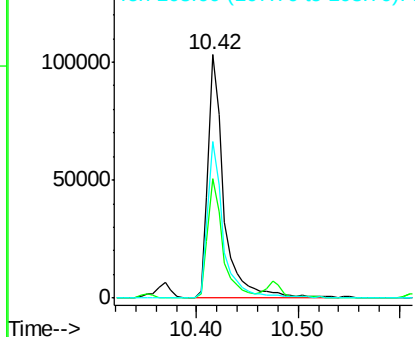


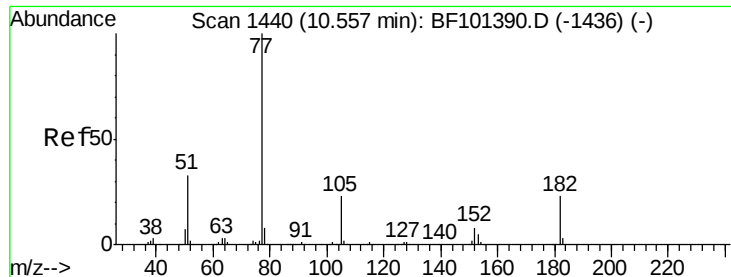
#61
4-Nitroaniline
Concen: 23.97 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:138 Resp: 113409
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 64.3 52.5 92.5



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





#62

Azobenzene

Concen: 33.05 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

Tgt Ion: 77 Resp: 629884

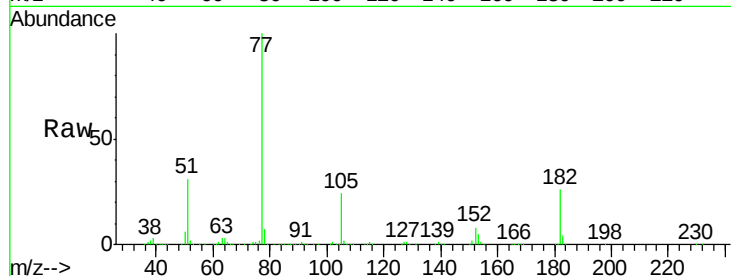
Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

105 24.1 3.0 43.0

51 31.3 9.9 49.9

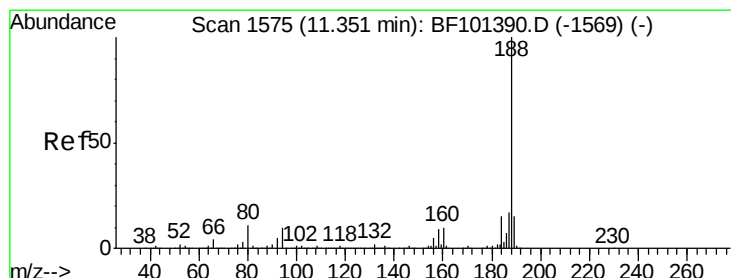
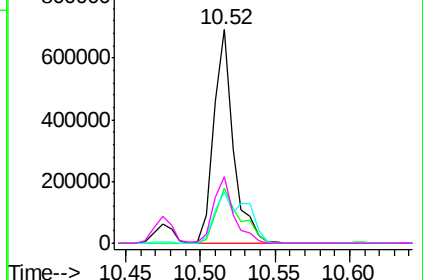
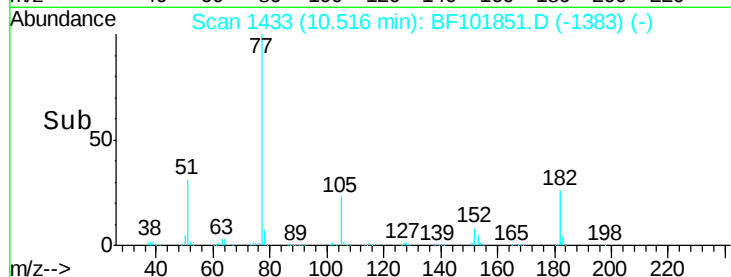


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

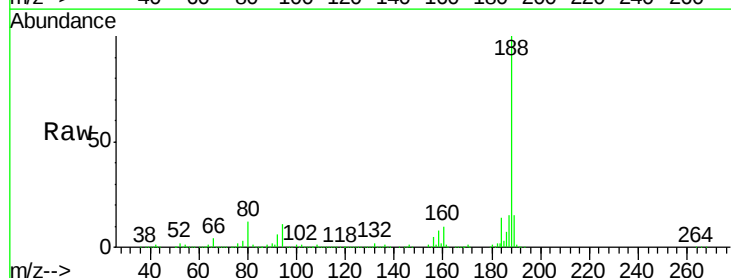
Tgt Ion: 188 Resp: 366887

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

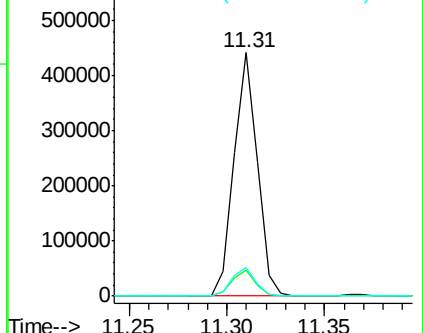
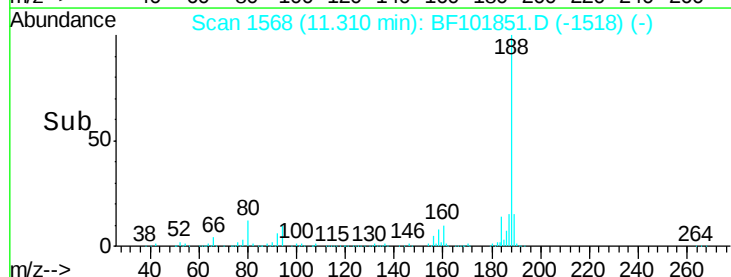
80 11.8 9.2 13.8

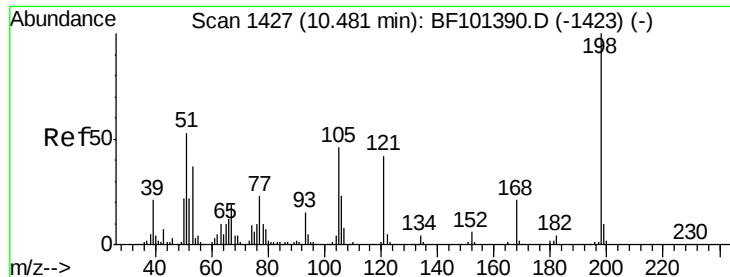


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 6.06 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

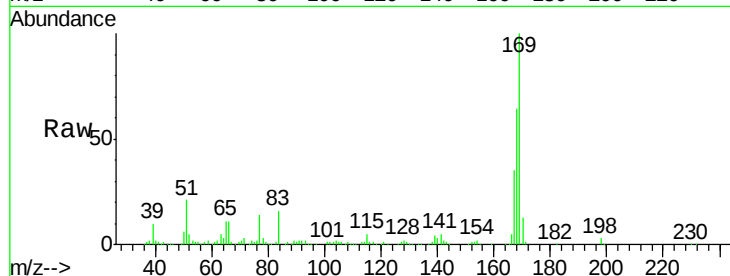
Tgt Ion:198 Resp: 11352

Ion Ratio Lower Upper

198 100

51 692.5 37.7 77.7#

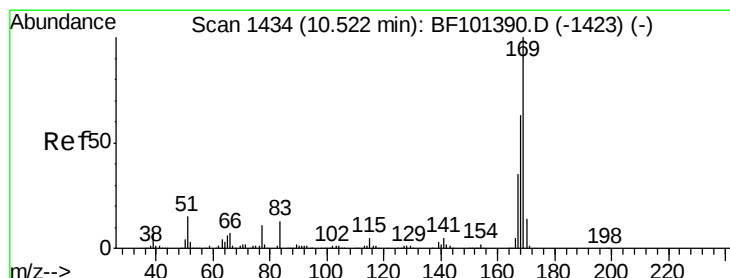
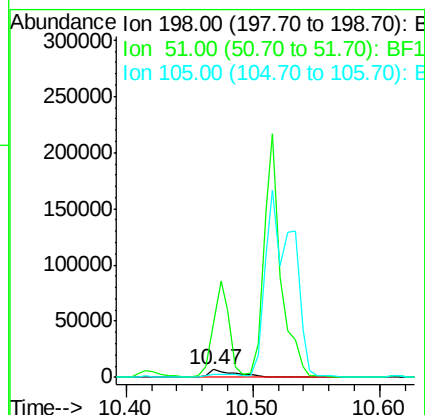
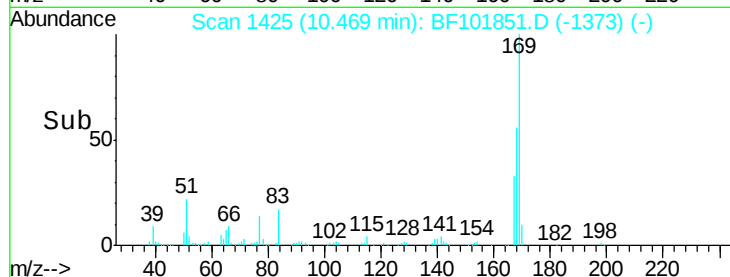
105 44.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 35.30 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

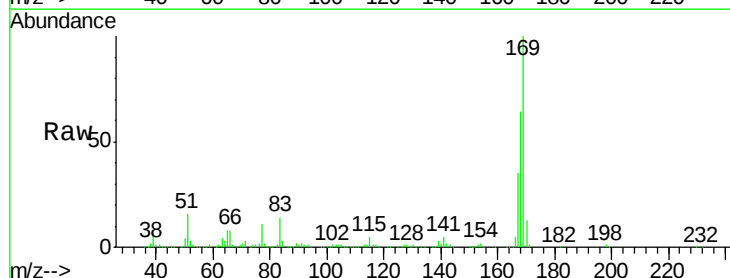
Tgt Ion:169 Resp: 478224

Ion Ratio Lower Upper

169 100

168 63.6 54.4 81.6

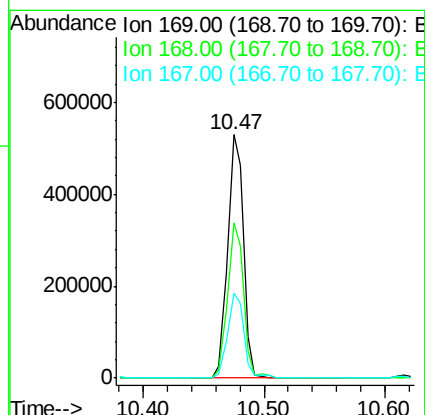
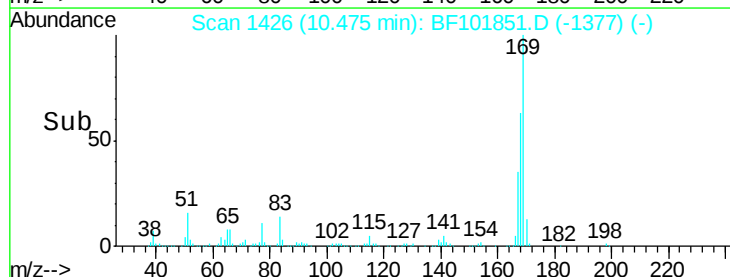
167 35.1 29.8 44.6

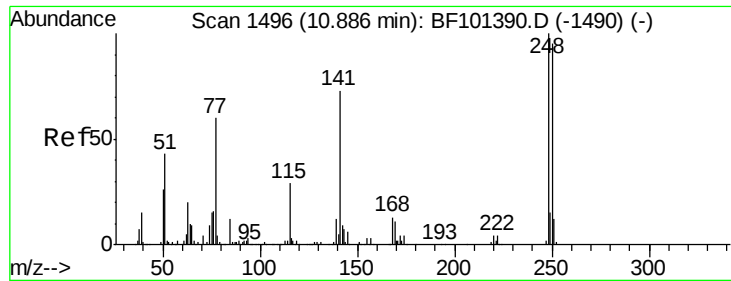


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

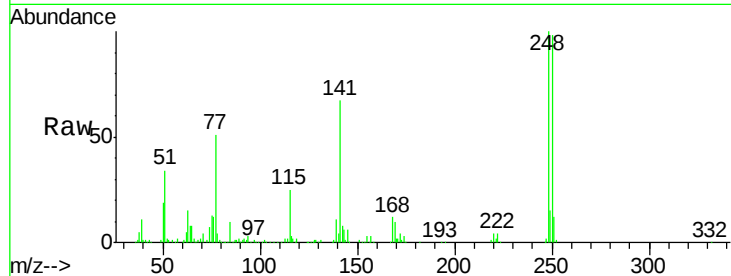




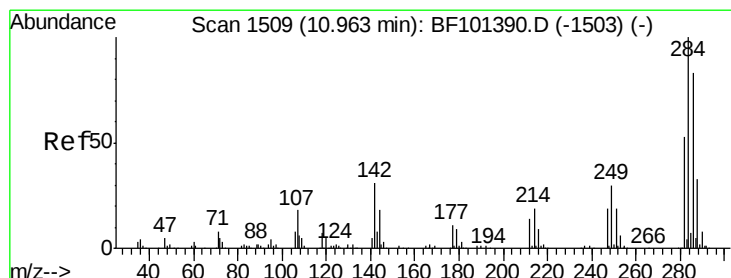
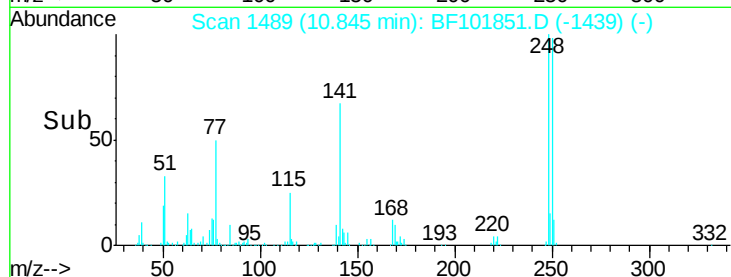
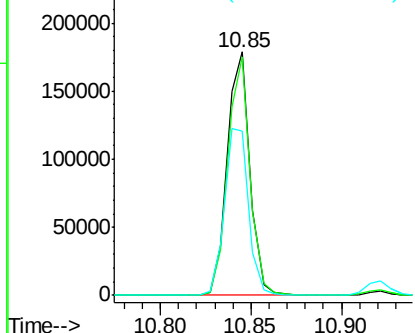
#66
4-Bromophenyl-phenylether
Concen: 37.70 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	67.4	74.4	111.6#

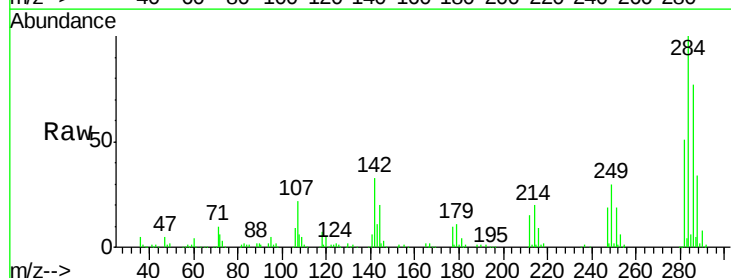


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

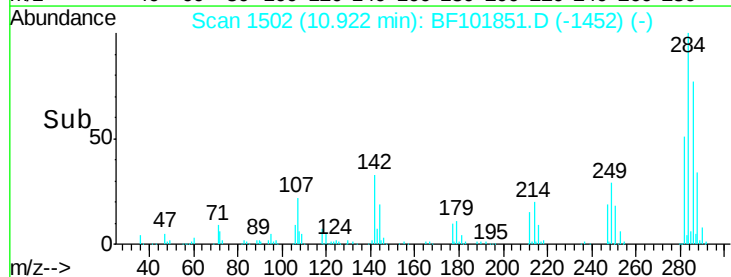
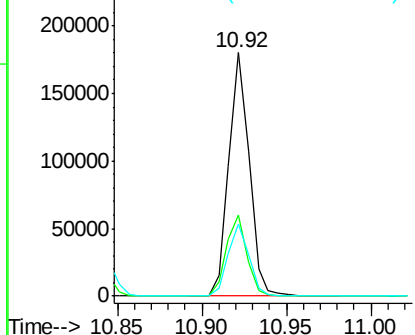


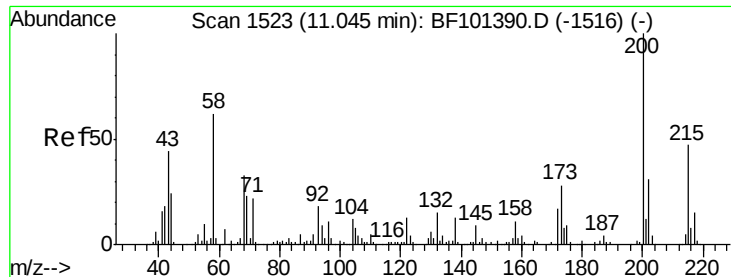
#67
Hexachlorobenzene
Concen: 34.65 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	34.6	52.0#
249	29.5	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

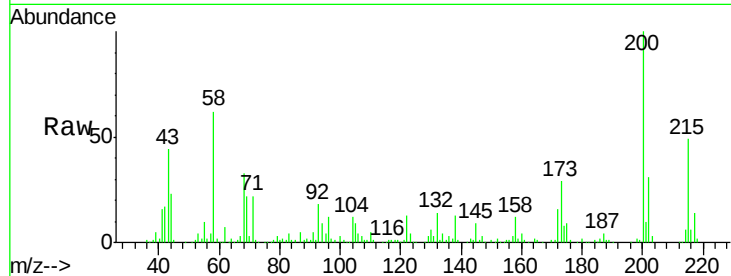




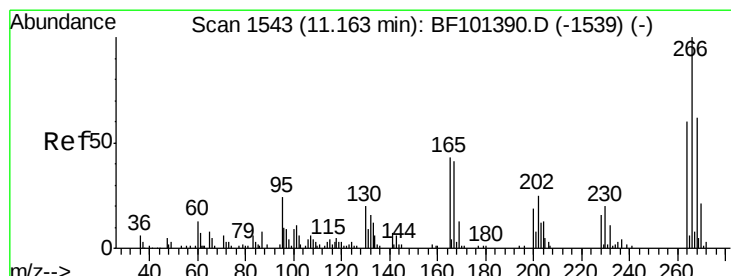
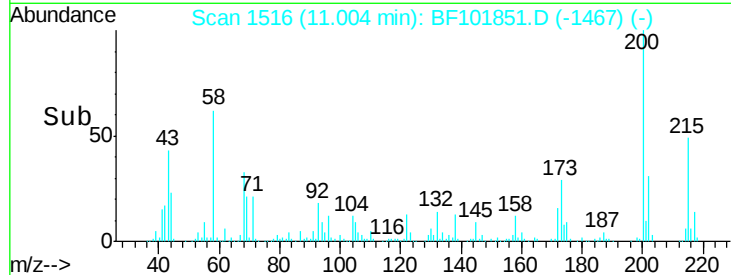
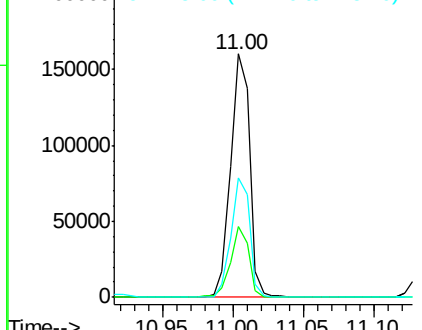
#68
Atrazine
Concen: 37.33 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

Tgt Ion:200 Resp: 150791
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 48.9 25.1 65.1

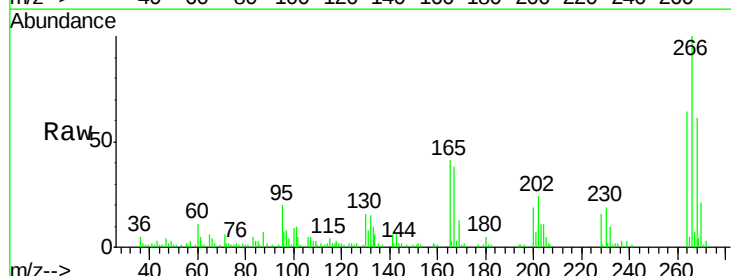


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

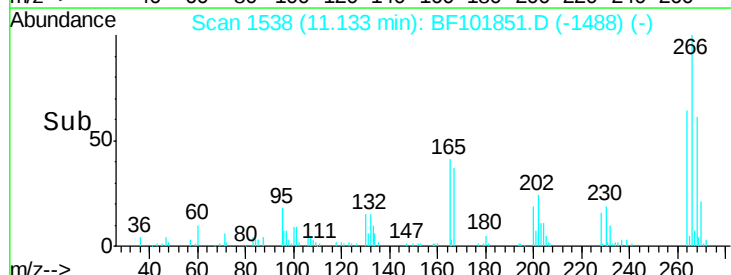
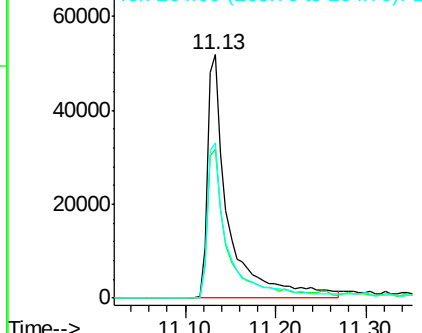


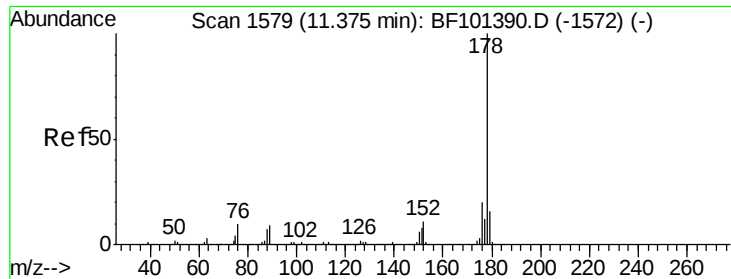
#69
Pentachlorophenol
Concen: 52.30 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:266 Resp: 84540
Ion Ratio Lower Upper
266 100
268 61.4 51.1 76.7
264 63.6 49.5 74.3



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

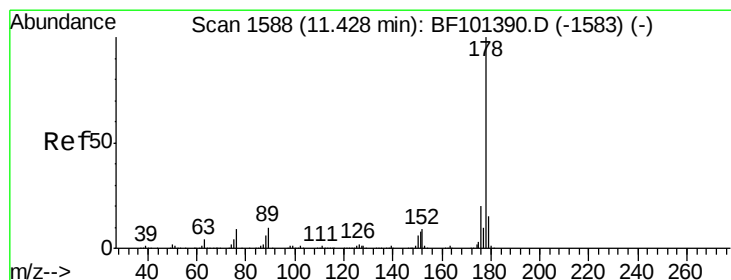
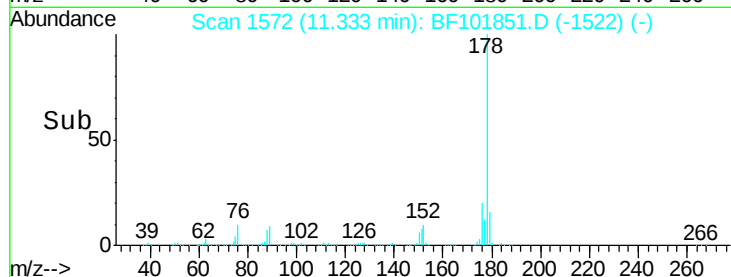
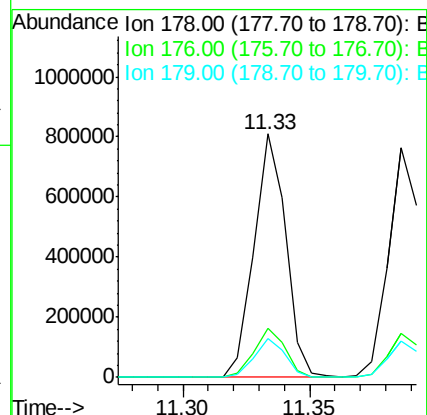
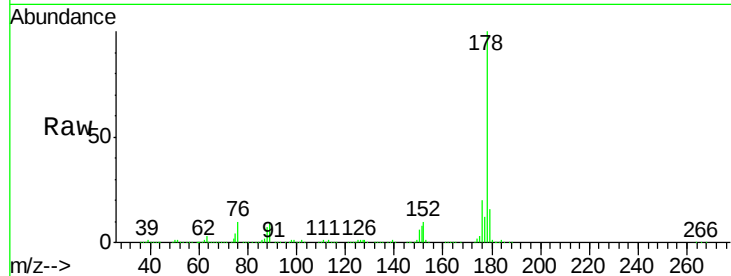




#70
Phenanthrene
Concen: 34.81 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

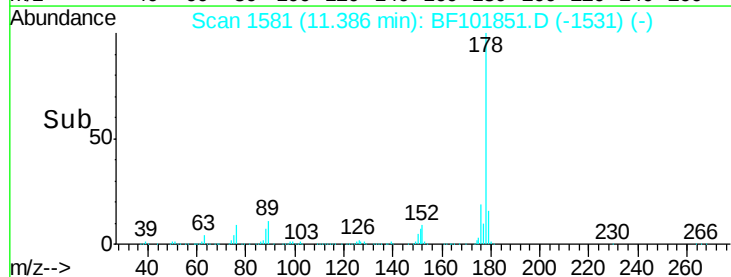
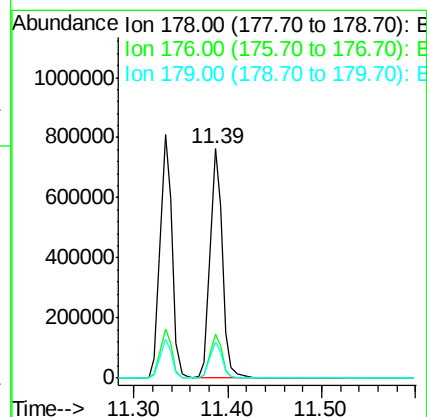
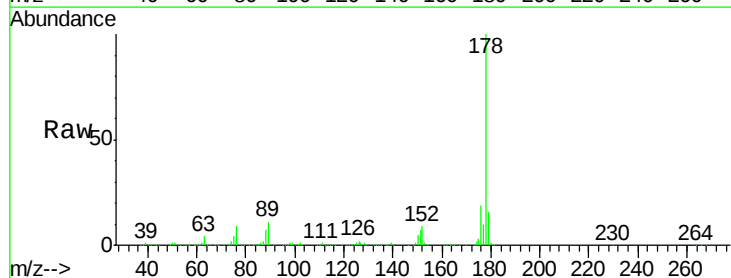
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

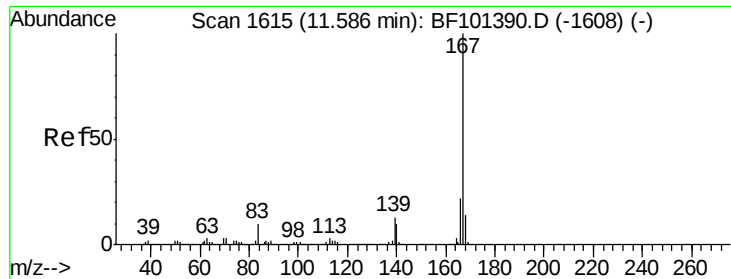
Tgt Ion:178 Resp: 710196
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 16.1 13.0 19.6



#71
Anthracene
Concen: 33.59 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:178 Resp: 700124
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.6 19.0





#72

Carbazole

Concen: 30.16 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

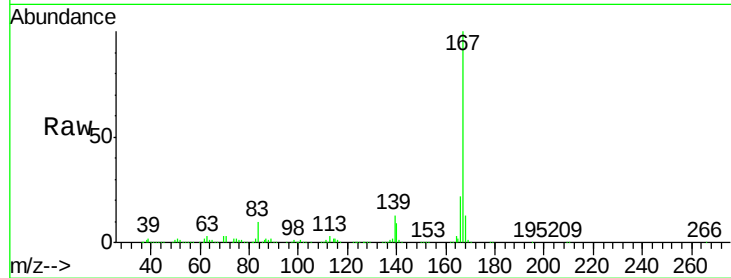
Tgt Ion:167 Resp: 588556

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

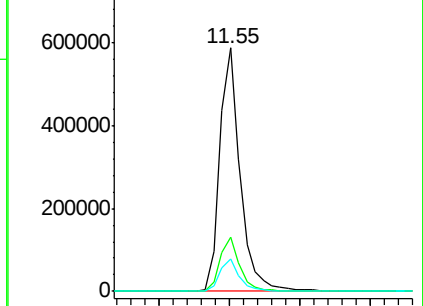
139 13.1 10.9 16.3



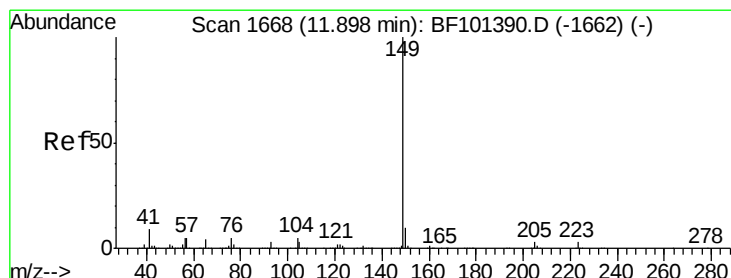
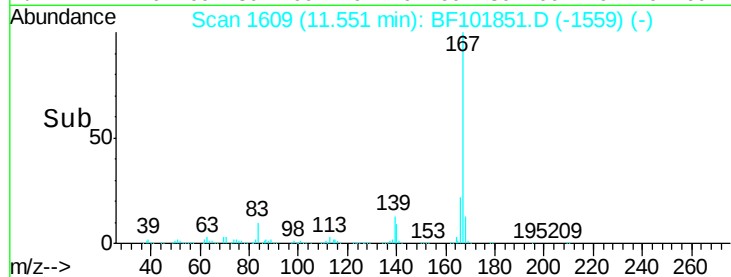
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 34.39 ng

RT: 11.86 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

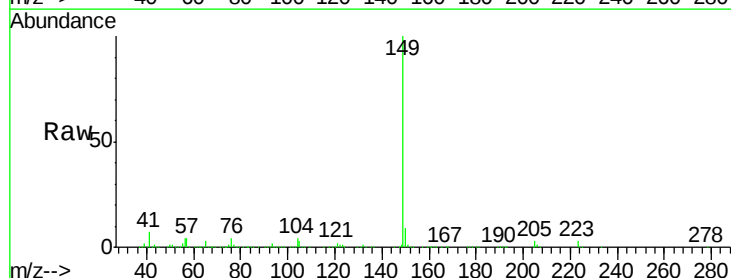
Tgt Ion:149 Resp: 814403

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

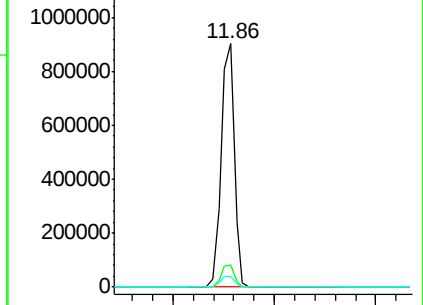
104 4.4 3.8 5.8



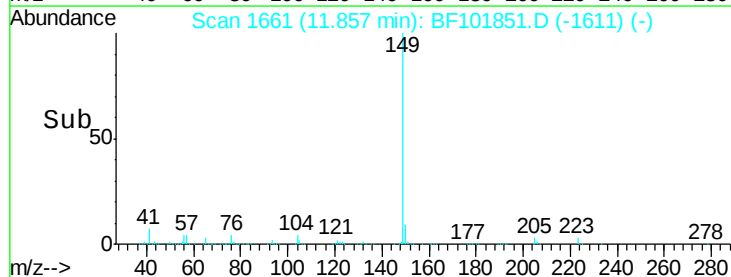
Abundance Ion 149.00 (148.70 to 149.70): E

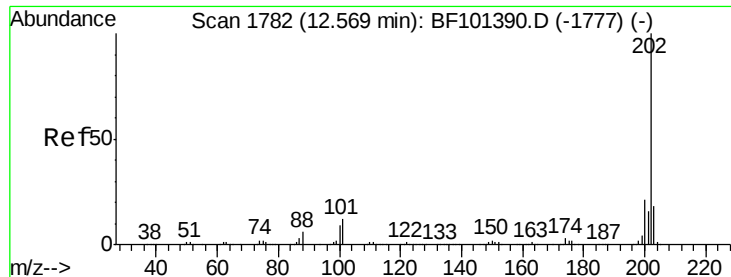
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

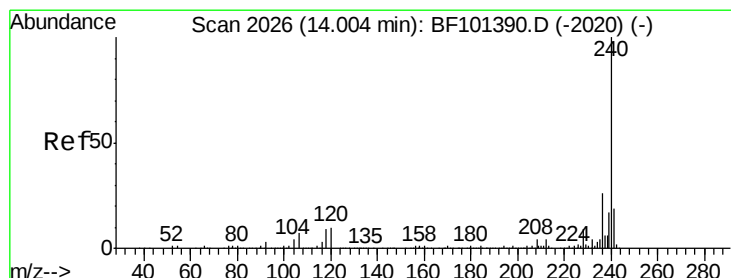
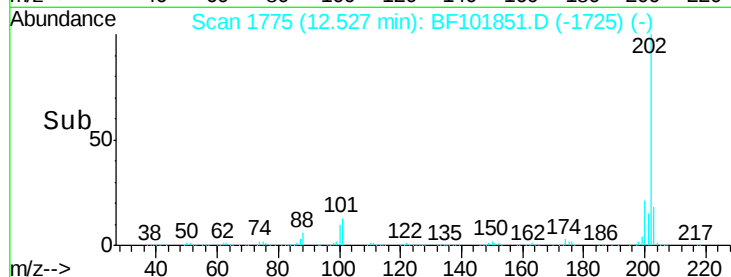
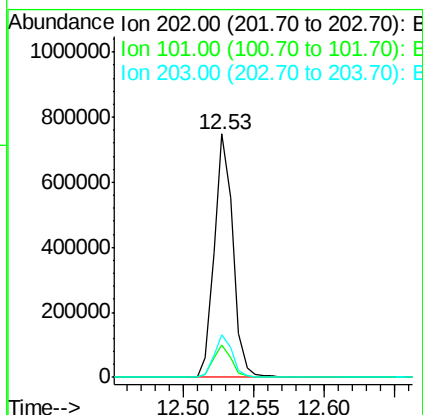
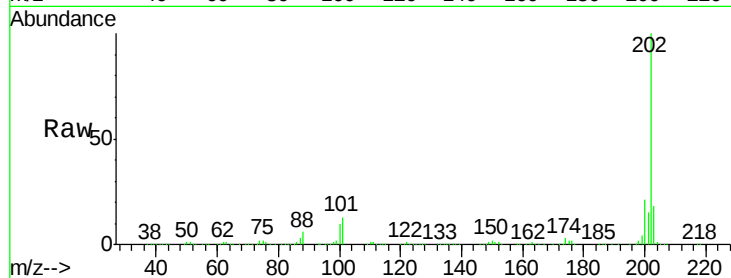




#74
Fluoranthene
Concen: 31.95 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

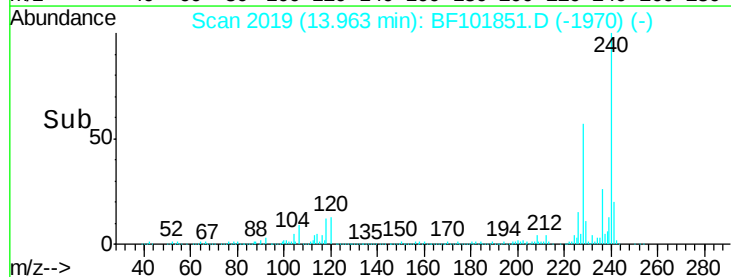
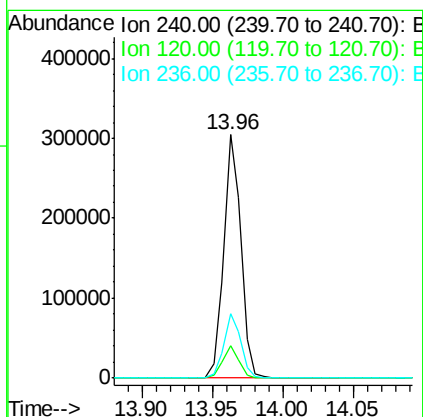
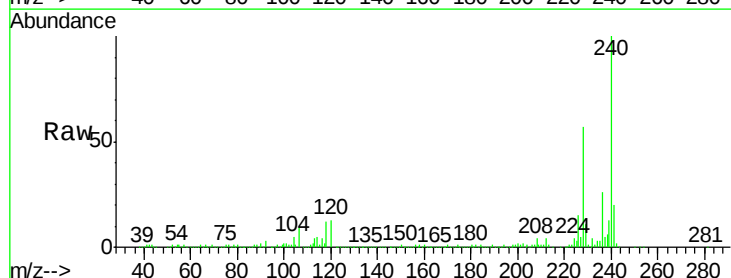
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

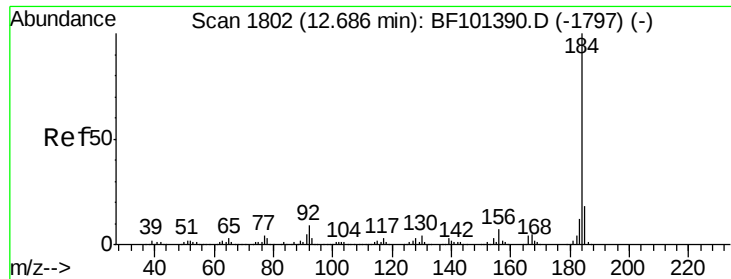
Tgt Ion: 202 Resp: 684306
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 17.6 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion: 240 Resp: 258583
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.4 20.7 31.1





#76

Benzidine

Concen: 16.08 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

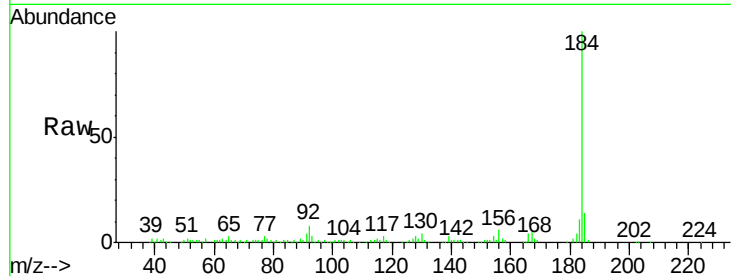
Tgt Ion:184 Resp: 175627

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

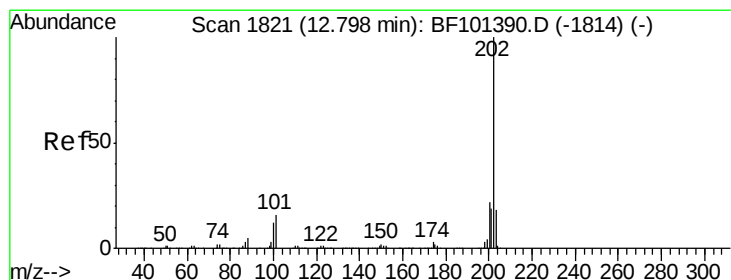
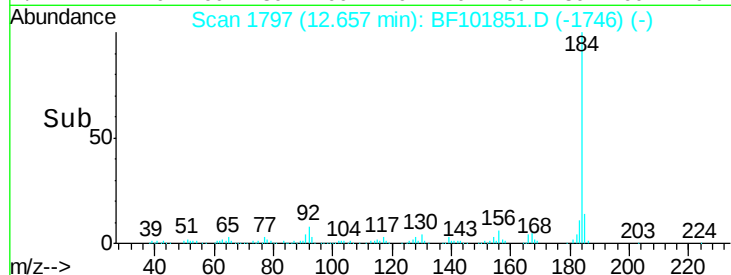
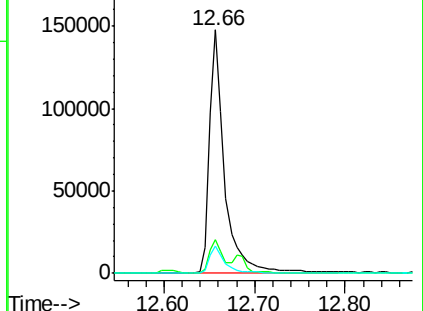
183 11.0 9.3 13.9



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

Pyrene

Concen: 34.96 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

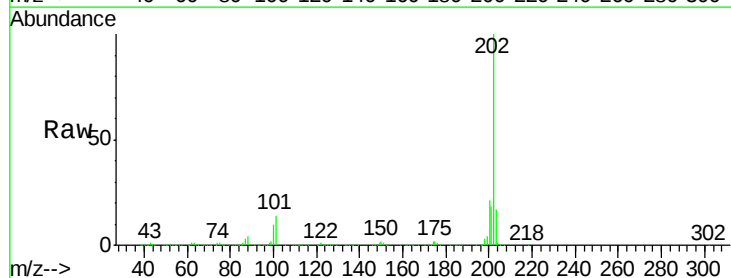
Tgt Ion:202 Resp: 678523

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

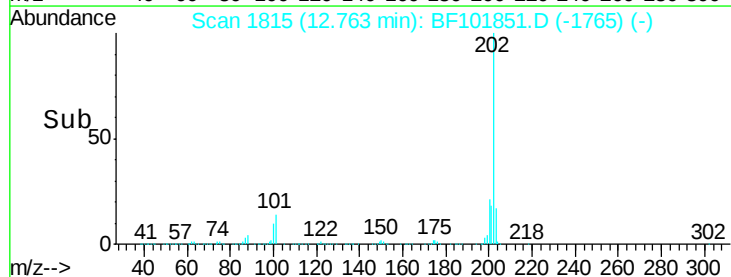
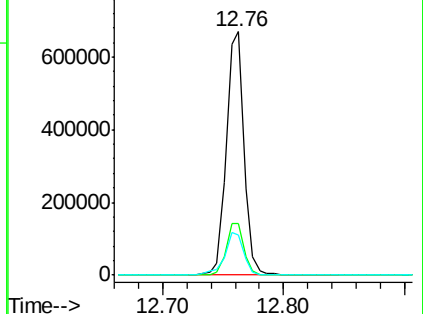
203 16.7 14.3 21.5

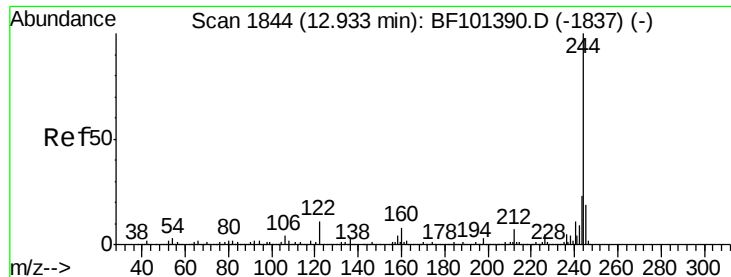


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.06 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

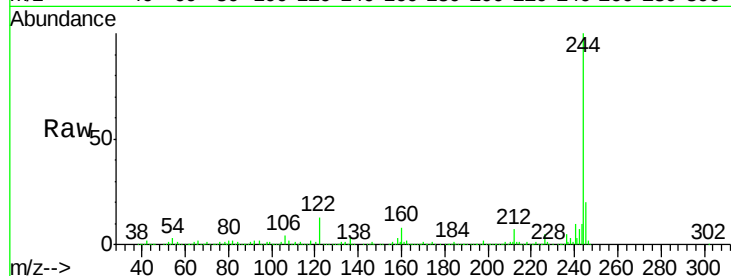
Tgt Ion:244 Resp: 751520

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

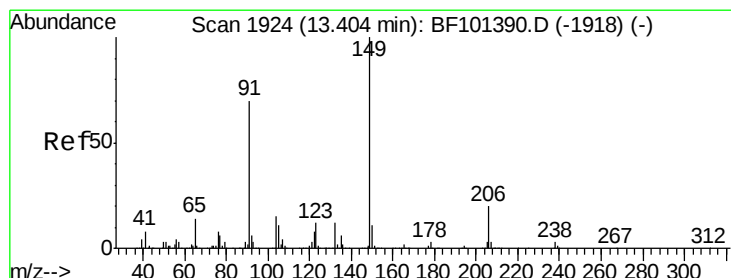
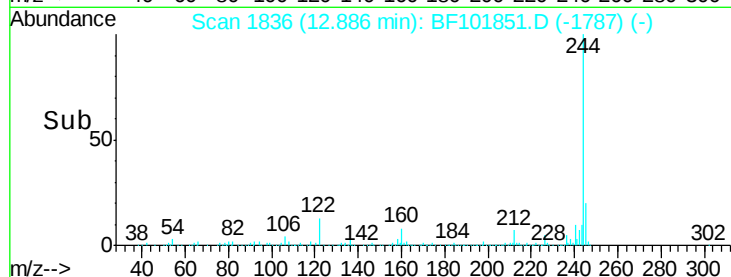
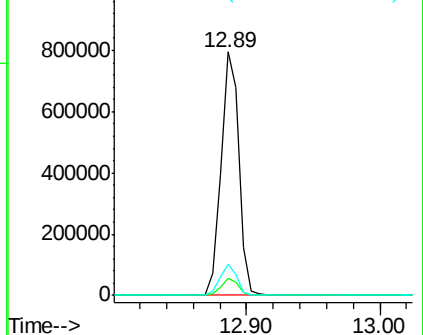
122 12.7 11.0 16.4



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: 31.76 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

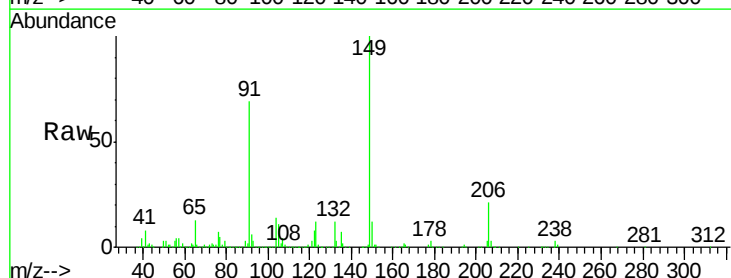
Tgt Ion:149 Resp: 278882

Ion Ratio Lower Upper

149 100

91 68.7 56.8 85.2

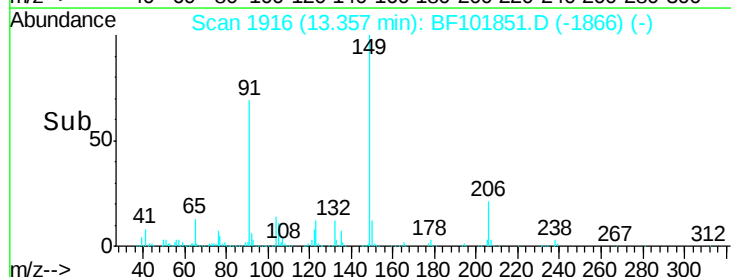
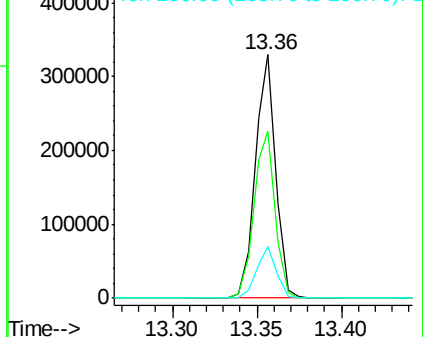
206 21.0 14.1 21.1

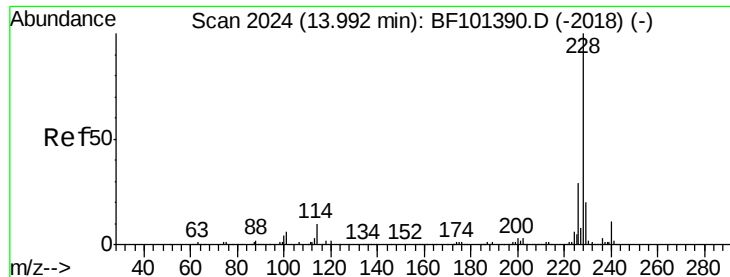


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 33.32 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

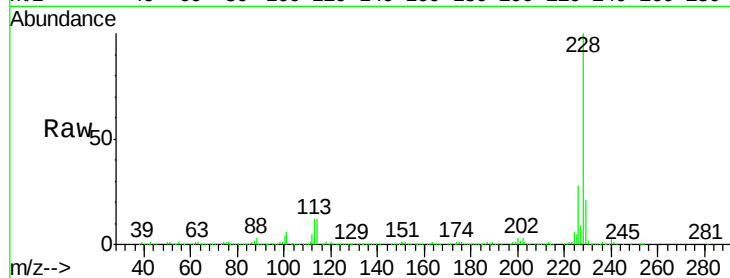
Tgt Ion:228 Resp: 568843

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

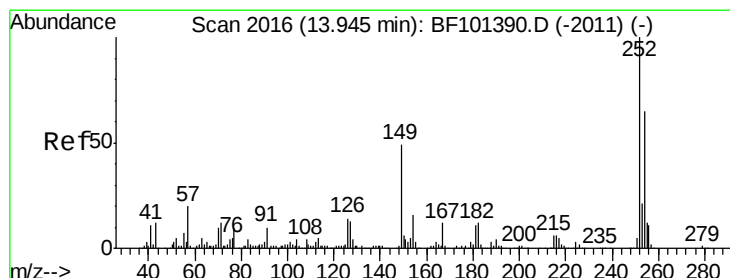
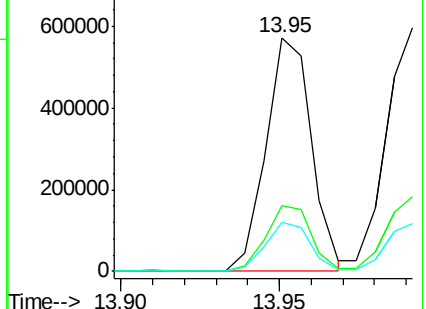
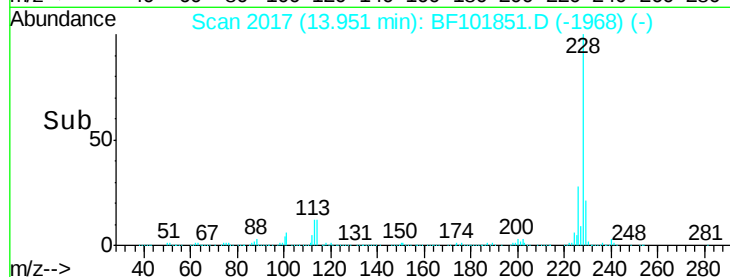
229 20.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 27.13 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

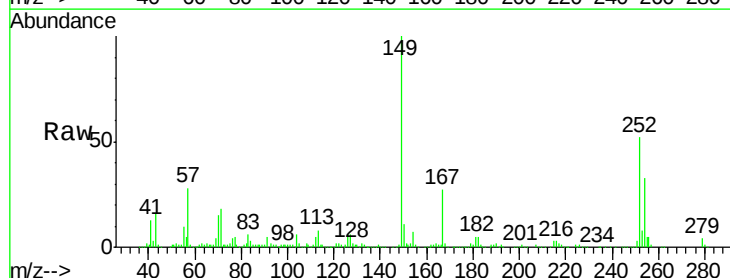
Tgt Ion:252 Resp: 151030

Ion Ratio Lower Upper

252 100

254 63.2 50.4 75.6

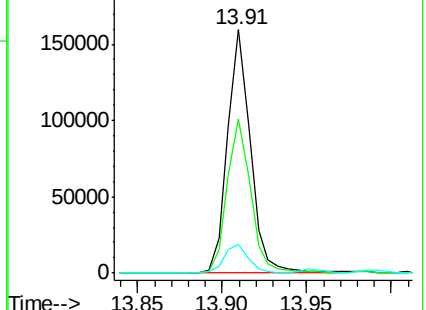
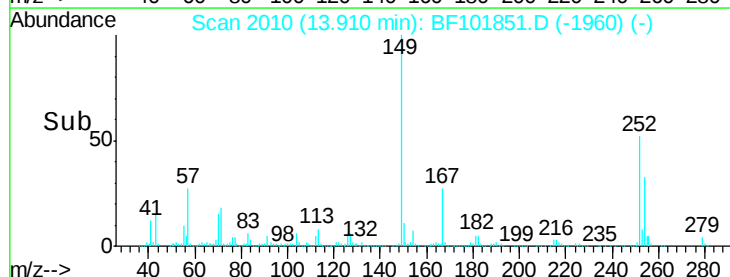
126 11.8 11.3 16.9

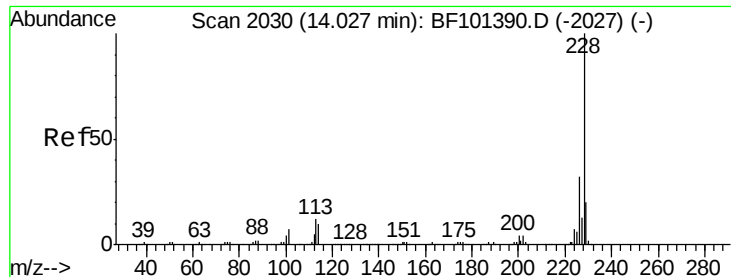


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.28 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

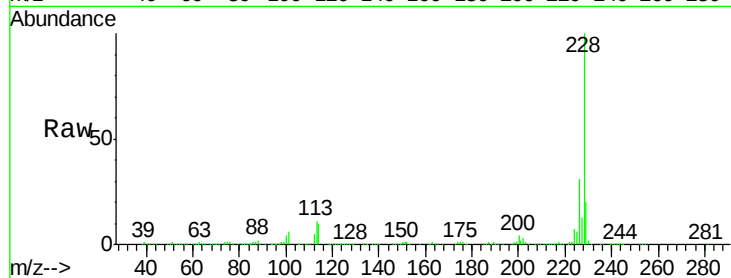
Tgt Ion:228 Resp: 552569

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

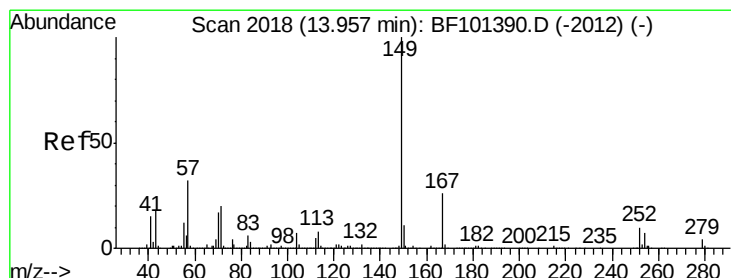
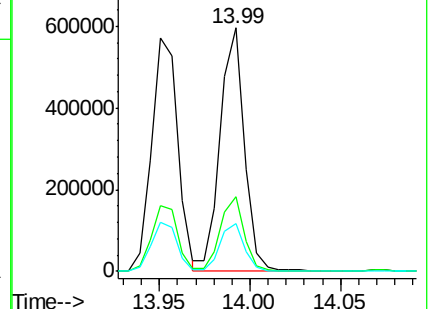
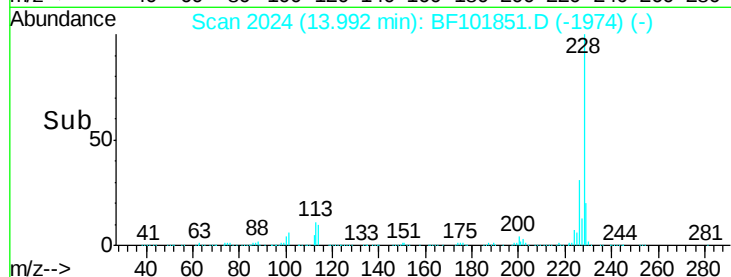
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.36 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

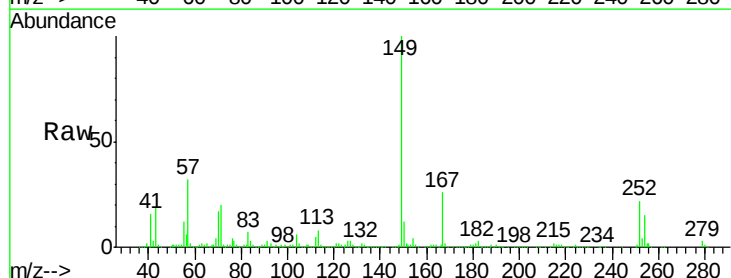
Tgt Ion:149 Resp: 382152

Ion Ratio Lower Upper

149 100

167 25.8 21.3 31.9

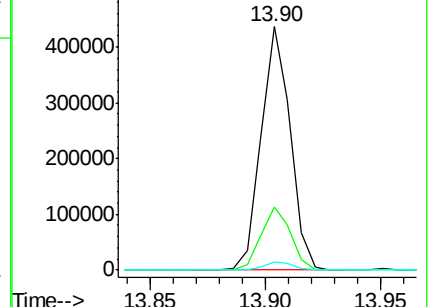
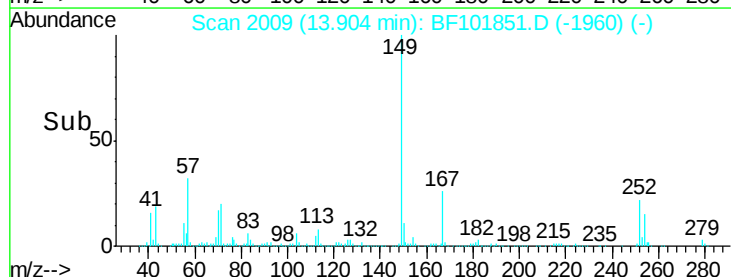
279 3.3 3.0 4.4

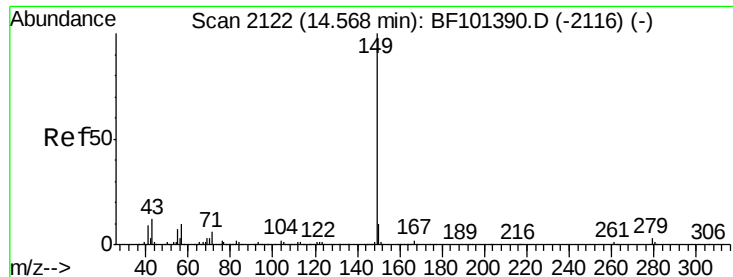


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 34.42 ng

RT: 14.52 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

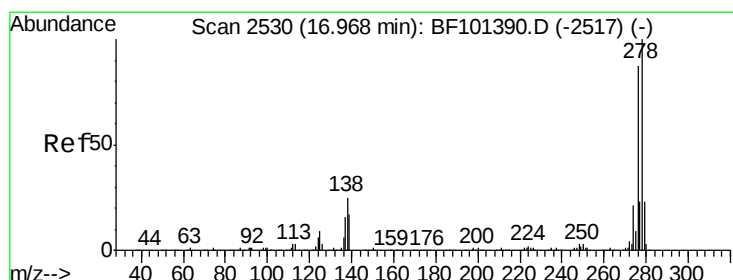
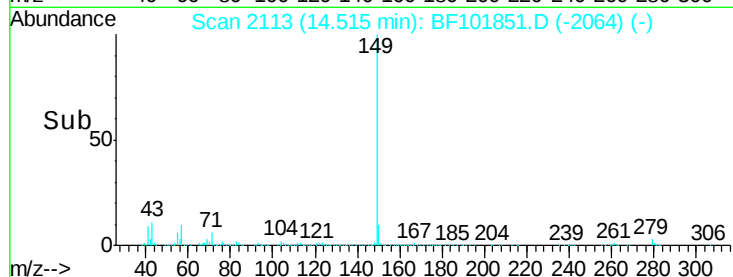
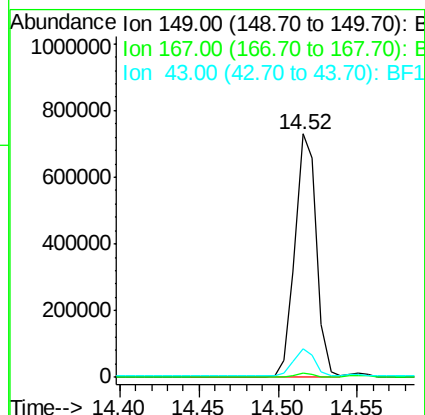
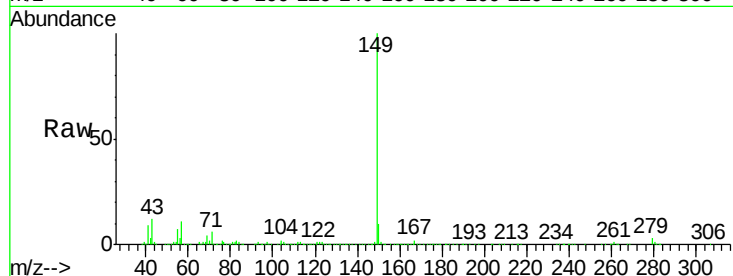
Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

Tgt Ion:	149	Resp:	682671
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.4	12.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.23 ng

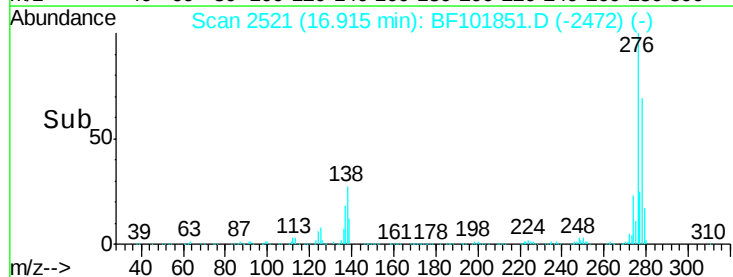
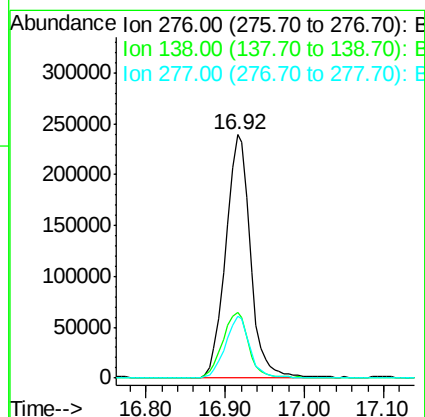
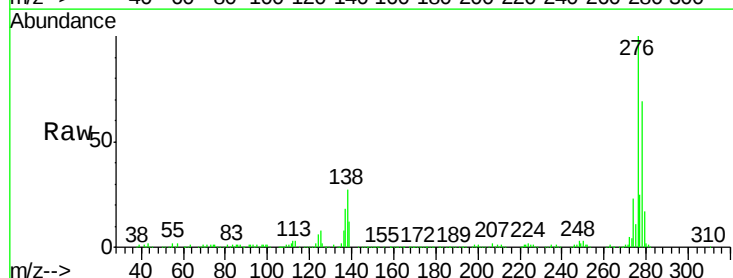
RT: 16.92 min Scan# 2521

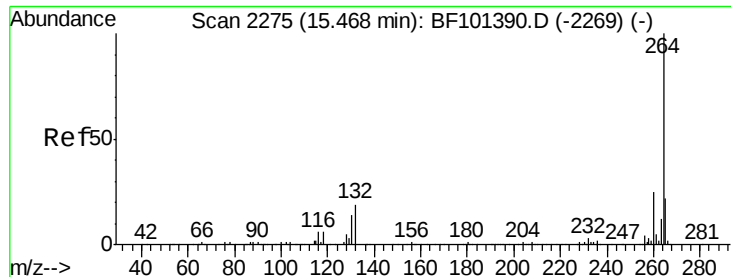
Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Tgt Ion:	276	Resp:	520065
Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.4	20.1	30.1

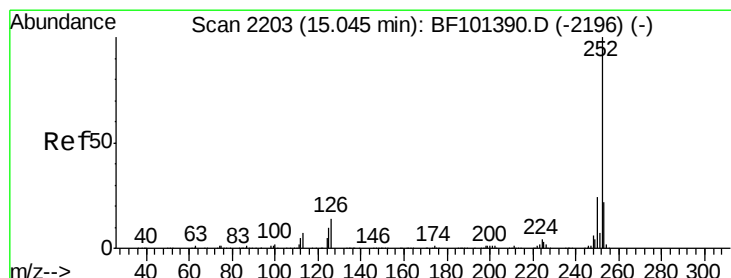
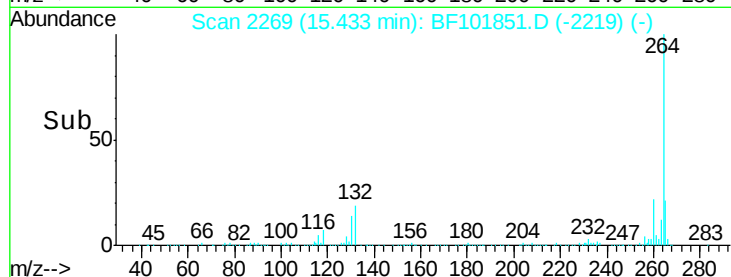
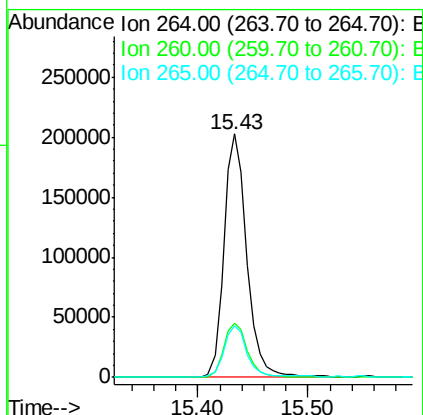
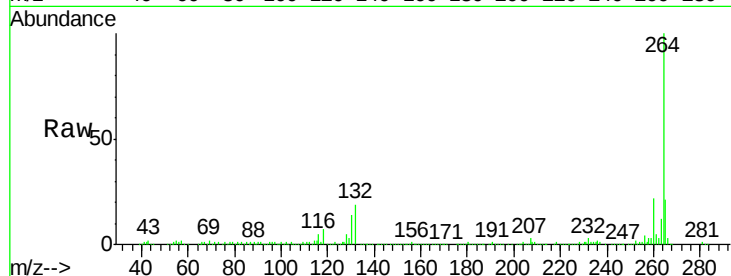




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

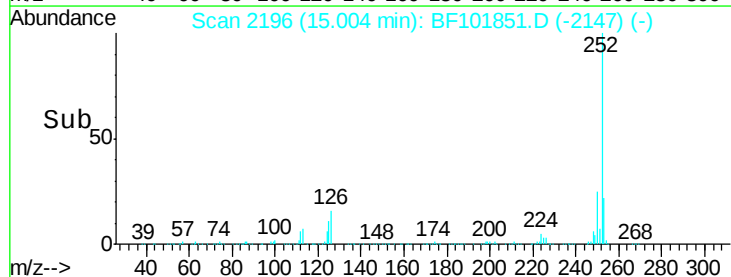
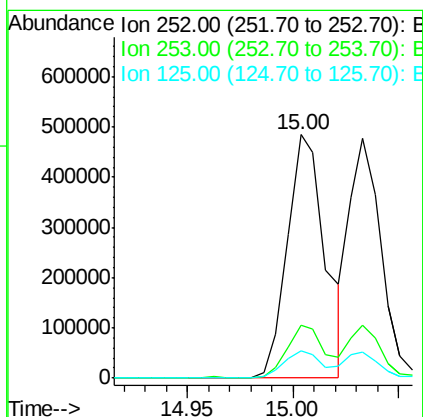
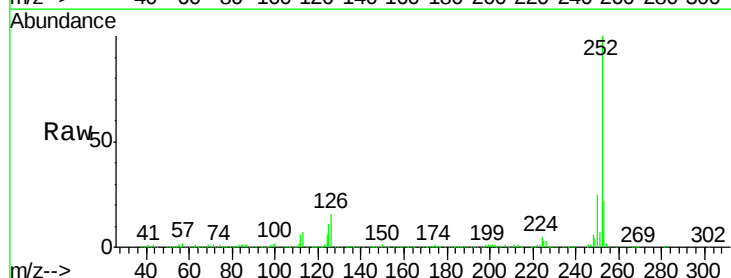
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

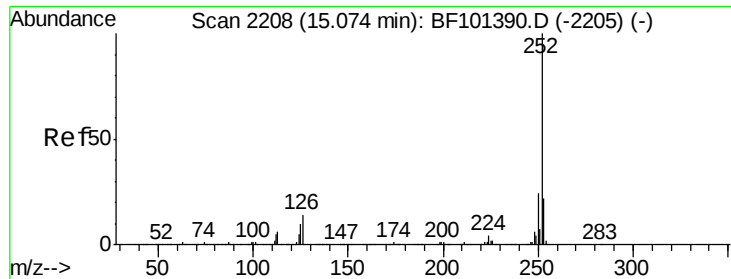
Tgt Ion: 264 Resp: 292676
Ion Ratio Lower Upper
264 100
260 22.4 19.2 28.8
265 21.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 34.08 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion: 252 Resp: 608051
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.4 9.0 13.6

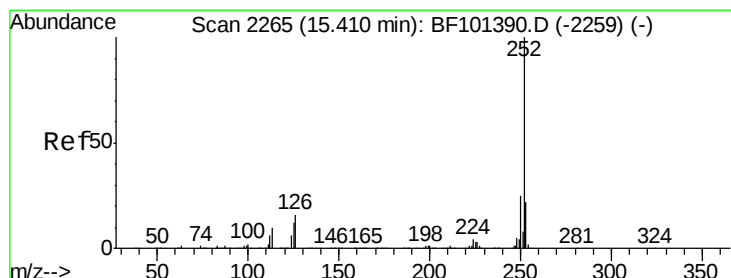
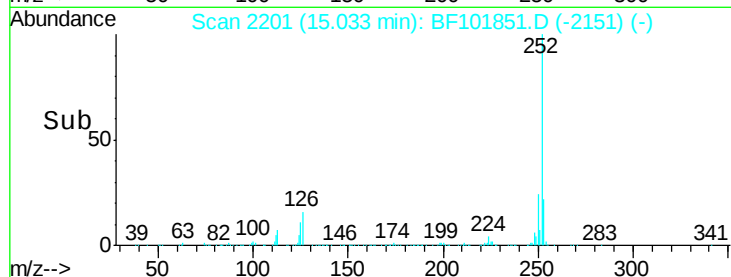
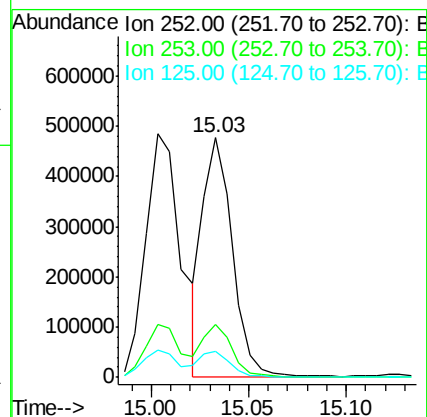
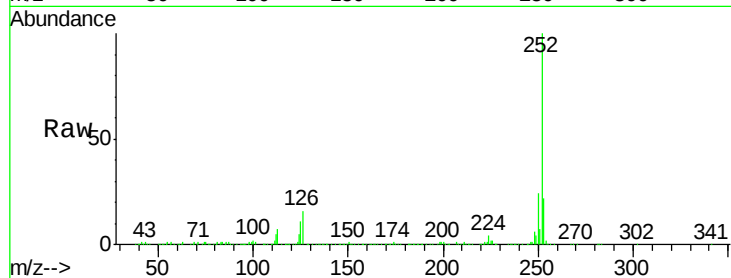




#88
Benzo(k)fluoranthene
Concen: 28.89 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

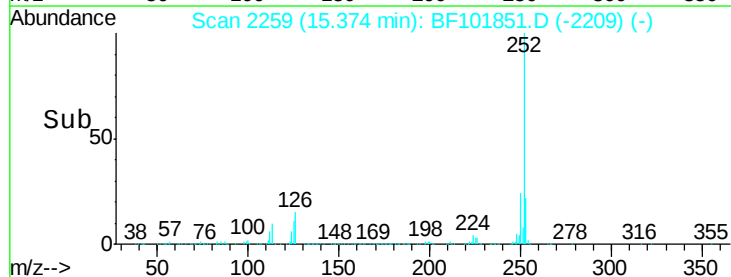
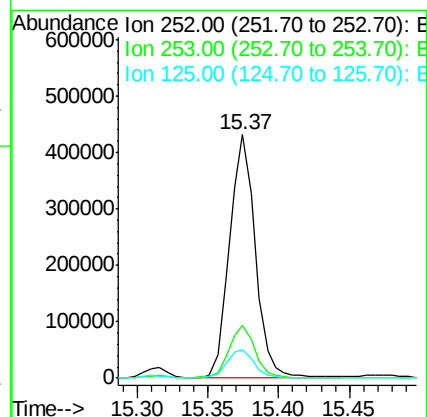
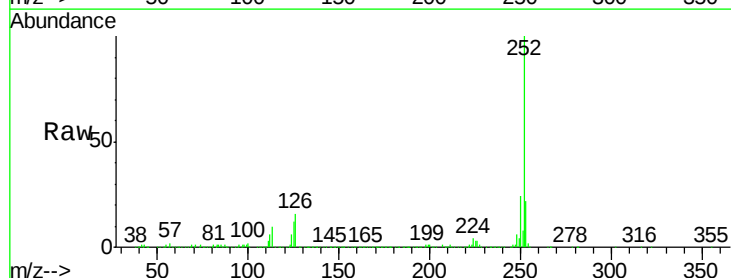
Instrument :
BNA_F
ClientSampleId :
EPE-106-2(5-10)MSD

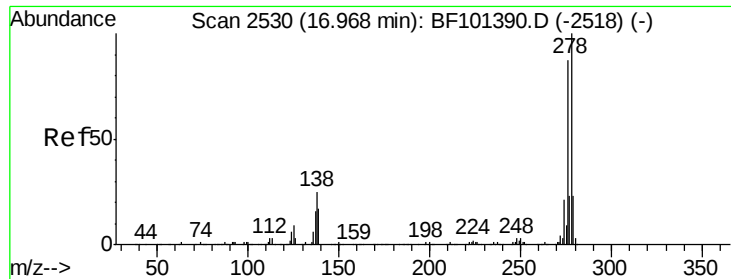
Tgt Ion:252 Resp: 501016
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.0 10.2 15.2



#89
Benzo(a)pyrene
Concen: 33.18 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF101851.D
Acq: 2 Jan 2018 15:17

Tgt Ion:252 Resp: 545602
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 11.6 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 30.88 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

Instrument :

BNA_F

ClientSampleId :

EPE-106-2(5-10)MSD

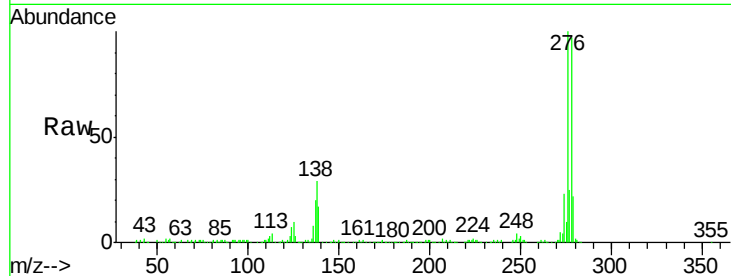
Tgt Ion:278 Resp: 436050

Ion Ratio Lower Upper

278 100

139 17.6 15.9 23.9

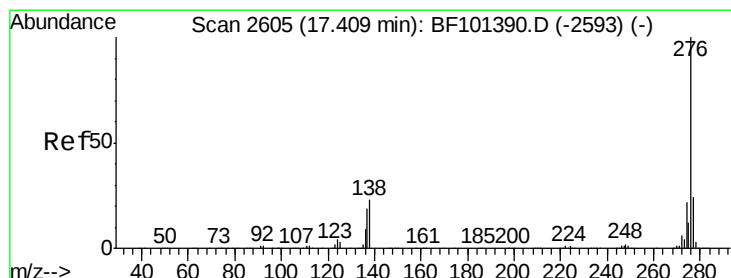
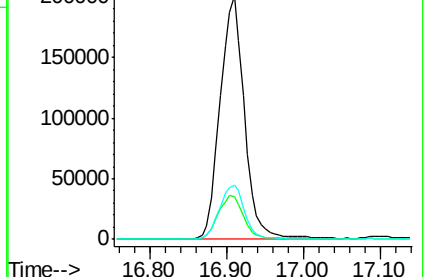
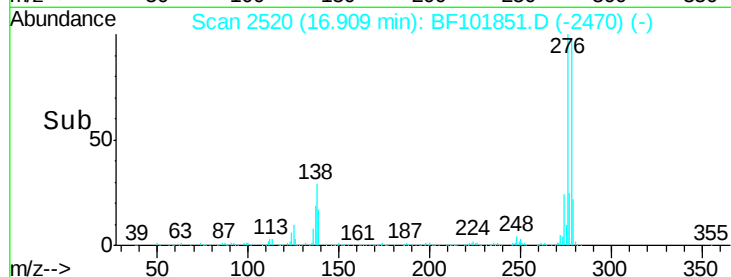
279 22.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 30.30 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BF101851.D

Acq: 2 Jan 2018 15:17

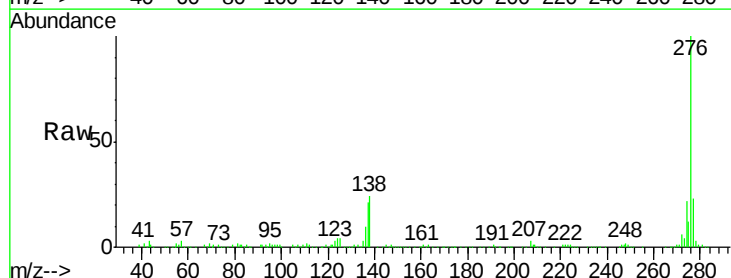
Tgt Ion:276 Resp: 423600

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 24.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

