

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101743.D
 Acq On : 27 Dec 2017 4:40
 Operator : SJ/JU
 Sample : I7043-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

Quant Time: Dec 27 05:40:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130721	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	464330	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	171182	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	291622	20.00	ng	0.00
75) Chrysene-d12	13.97	240	288365	20.00	ng	0.00
86) Perylene-d12	15.44	264	263169	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1235521	140.79	ng	0.02
7) Phenol-d6	6.45	99	1385952	126.90	ng	0.01
23) Nitrobenzene-d5	7.37	82	876308	105.06	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	252639	153.16	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1293846	117.25	ng	0.00
78) Terphenyl-d14	12.90	244	1149787	96.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.57	88	148106	32.845	ng	97
3) Pyridine	3.37	79	349549	27.900	ng	95
4) n-Nitrosodimethylamine	3.29	42	204349	35.425	ng	97
6) Aniline	6.47	93	166759	10.987	ng	# 65
8) 2-Chlorophenol	6.59	128	368556	39.924	ng	98
9) Benzaldehyde	6.35	77	188595	23.382	ng	97
10) Phenol	6.46	94	490266	39.385	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	379784	38.895	ng	96
12) 1,3-Dichlorobenzene	6.73	146	405687	38.938	ng	98
13) 1,4-Dichlorobenzene	6.81	146	413084	38.825	ng	97
14) 1,2-Dichlorobenzene	6.96	146	366785	38.299	ng	96
15) Benzyl Alcohol	6.95	79	276322	36.758	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	623780	41.742	ng	# 47
17) 2-Methylphenol	7.06	107	304474	35.856	ng	# 87
18) Hexachloroethane	7.29	117	118899	32.143	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	268424	37.424	ng	94
20) 3+4-Methylphenols	7.22	107	417847	46.436	ng	98
22) Acetophenone	7.21	105	520326	49.111	ng	# 97
24) Nitrobenzene	7.38	77	393165	42.588	ng	97
25) Isophorone	7.62	82	718586	42.943	ng	98
26) 2-Nitrophenol	7.70	139	171883	43.337	ng	98
27) 2,4-Dimethylphenol	7.73	122	317222	47.080	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	463234	43.580	ng	99
29) 2,4-Dichlorophenol	7.95	162	302391	45.426	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	291403	41.481	ng	95
31) Naphthalene	8.09	128	981355	41.981	ng	99
32) Benzoic acid	7.86	122	31101	13.675	ng	95
33) 4-Chloroaniline	8.17	127	72847	7.170	ng	95
34) Hexachlorobutadiene	8.20	225	172565	42.472	ng	98
35) Caprolactam	8.53	113	95360	41.255	ng	# 86
36) 4-Chloro-3-methylphenol	8.65	107	286307	39.131	ng	100
37) 2-Methylnaphthalene	8.79	142	604940	39.720	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	289516	50.093	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	1275	12.835	ng	88

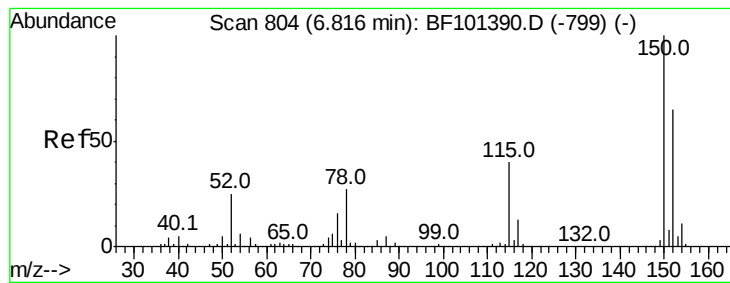
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	174394	50.121	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	155902	40.922	nq	95
45) 1,1'-Biphenyl	9.25	154	724863	47.747	nq	99
46) 2-Chloronaphthalene	9.28	162	527041	45.372	nq	97
47) 2-Nitroaniline	9.39	65	183644	45.765	nq	91
48) Acenaphthylene	9.69	152	760681	41.460	nq	99
49) Dimethylphthalate	9.55	163	735961	53.450	nq	100
50) 2,6-Dinitrotoluene	9.63	165	119917	42.850	nq	90
51) Acenaphthene	9.86	154	455605	41.332	nq	99
52) 3-Nitroaniline	9.80	138	95346	27.327	nq	96
53) 2,4-Dinitrophenol	9.99	184	1183	11.377	nq	# 1
54) Dibenzofuran	10.03	168	661085	47.192	nq	98
55) 4-Nitrophenol	9.99	139	103711	68.169	nq	96
56) 2,4-Dinitrotoluene	10.05	165	146246	46.383	nq	# 96
57) Fluorene	10.38	166	507265	42.806	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	127722	46.662	nq	# 88
59) Diethylphthalate	10.25	149	581063	42.614	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	252204	44.407	nq	93
61) 4-Nitroaniline	10.42	138	126753	36.143	nq	96
62) Azobenzene	10.53	77	538107	38.096	nq	96
65) n-Nitrosodiphenylamine	10.49	169	467400	43.406	nq	97
66) 4-Bromophenyl-phenylether	10.85	248	150575	45.953	nq	92
67) Hexachlorobenzene	10.93	284	150701	43.455	nq	# 87
68) Atrazine	11.02	200	141474	44.063	nq	98
69) Pentachlorophenol	11.14	266	110838	82.007	nq	98
70) Phenanthrene	11.35	178	700130	43.171	nq	99
71) Anthracene	11.40	178	742138	44.799	nq	99
72) Carbazole	11.56	167	697958	45.001	nq	99
73) Di-n-butylphthalate	11.87	149	833783	44.292	nq	98
74) Fluoranthene	12.54	202	780756	45.866	nq	98
76) Benzidine	12.66	184	427648	35.113	nq	97
77) Pyrene	12.77	202	819472	37.865	nq	99
79) Butylbenzylphthalate	13.37	149	378139	38.616	nq	95
80) Benzo(a)anthracene	13.96	228	796422	41.826	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	237603	38.269	nq	98
82) Chrysene	14.00	228	757409	42.129	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	496317	40.015	nq	98
84) Di-n-octyl phthalate	14.53	149	969947	43.850	nq	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	584745	36.524	nq	97
87) Benzo(b)fluoranthene	15.02	252	714520	44.544	nq	98
88) Benzo(k)fluoranthene	15.04	252	653740	41.917	nq	98
89) Benzo(a)pyrene	15.38	252	635756	42.993	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	501684	39.515	nq	99
91) Benzo(g,h,i)perylene	17.37	276	480847	38.248	nq	96

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

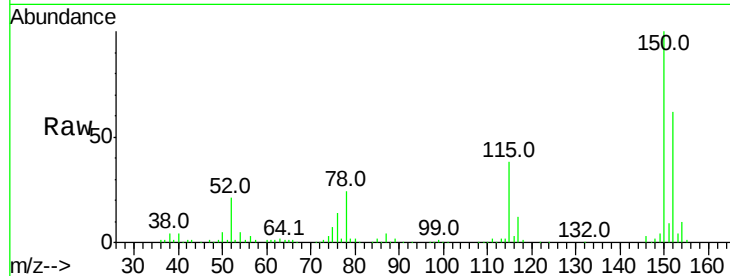


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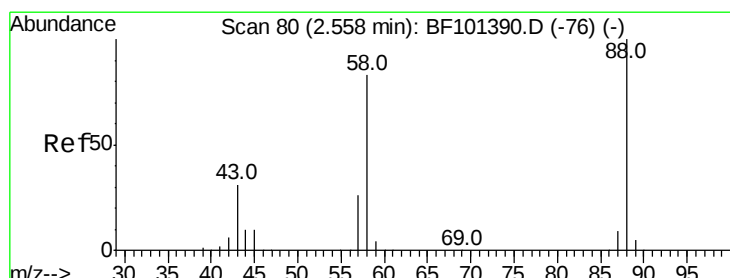
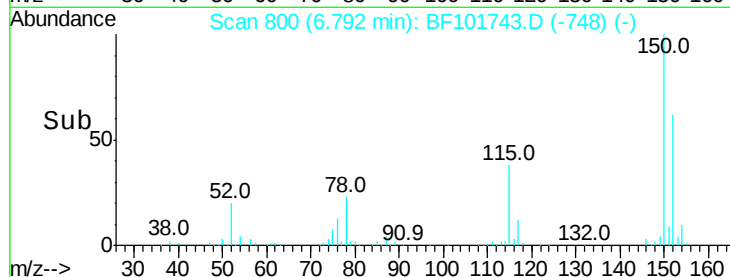
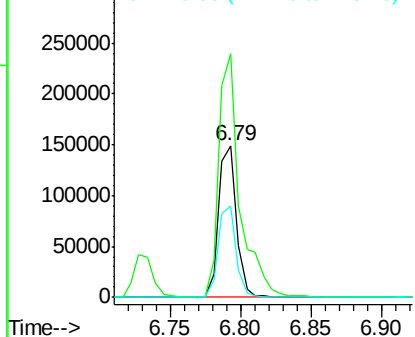
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

Tot Ion:152 Resp: 130721
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 60.3 50.1 75.1



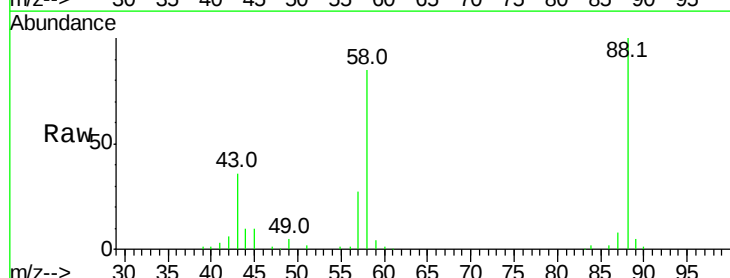
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



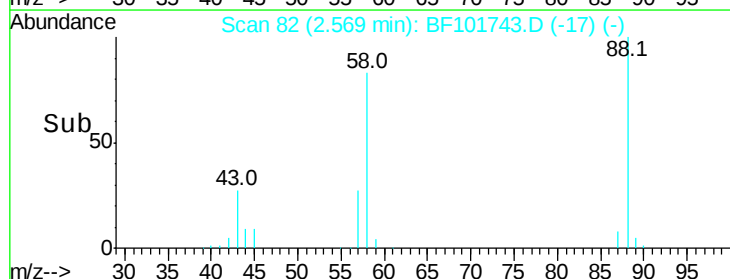
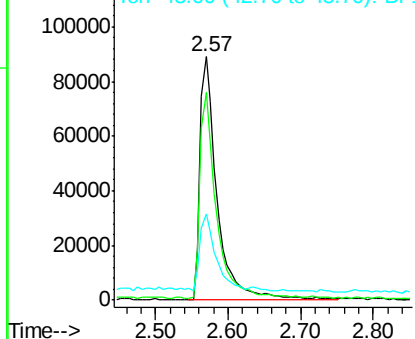
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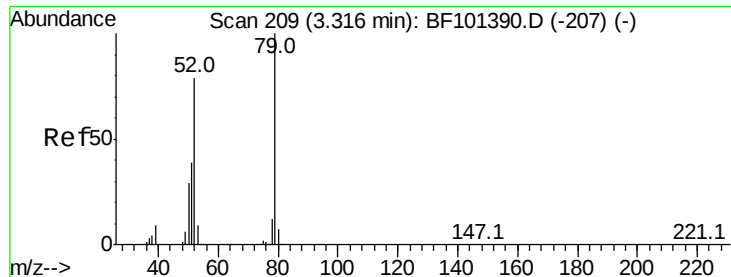
1,4-Dioxane
Concen: 32.845 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.08 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion: 88 Resp: 148106
Ion Ratio Lower Upper
88 100
58 79.8 62.6 93.8
43 27.1 24.6 37.0



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

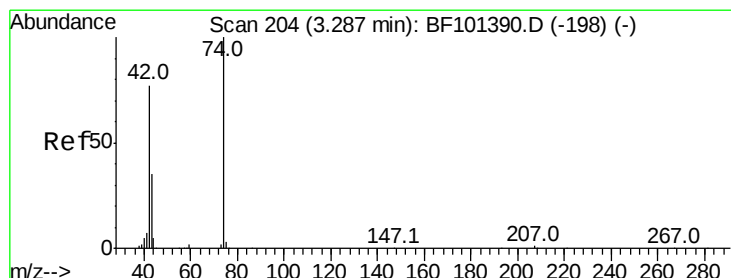
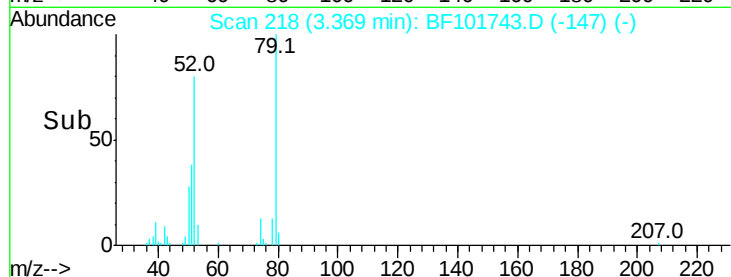
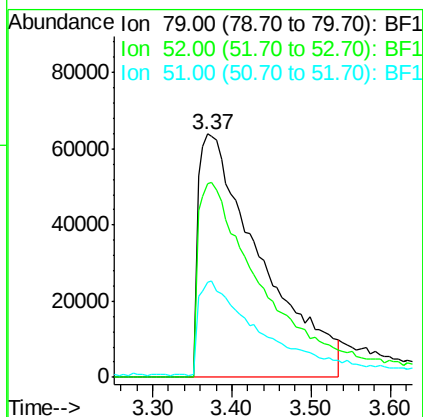
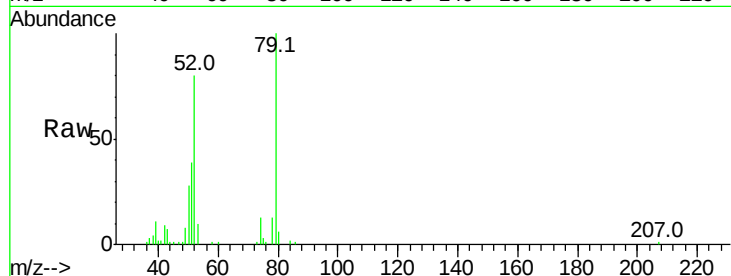




#3
 Pvridine
 Concen: 27.900 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.12 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

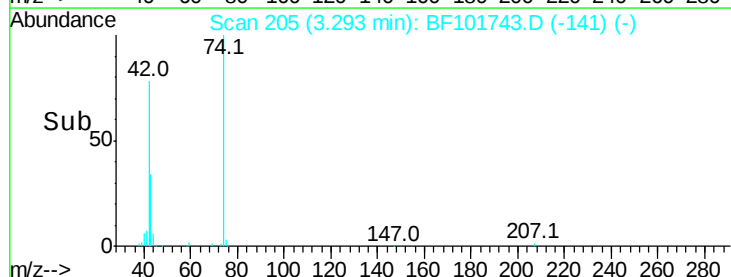
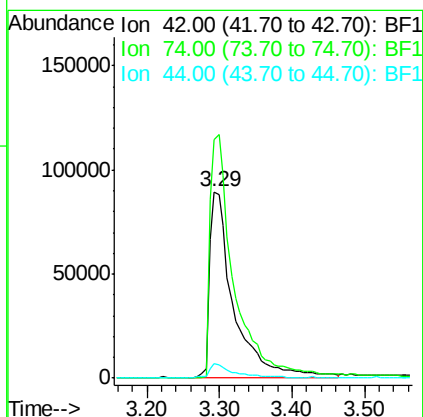
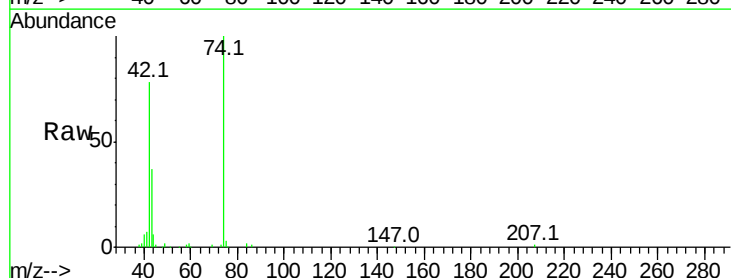
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

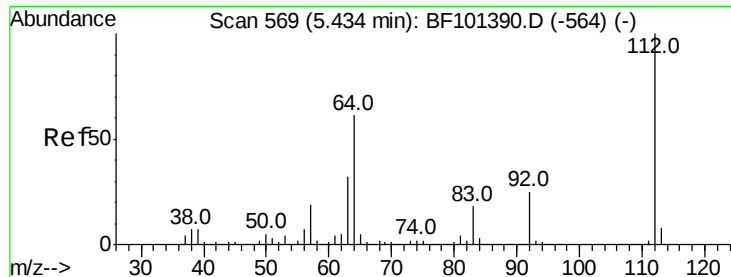
Tot Ion: 79 Resp: 349549
 Ion Ratio Lower Upper
 79 100
 52 79.8 59.8 89.6
 51 39.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.425 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.08 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion: 42 Resp: 204349
 Ion Ratio Lower Upper
 42 100
 74 127.6 104.9 157.3
 44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 140.789 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

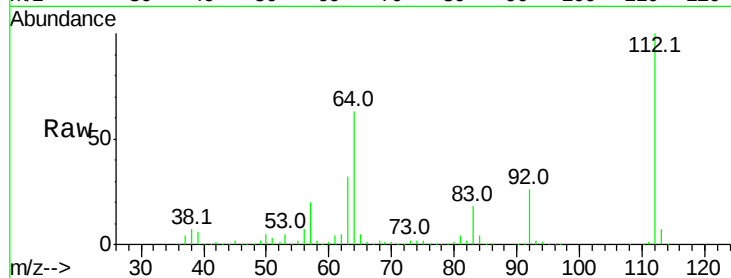
Tot Ion:112 Resp: 123521

Ion Ratio Lower Upper

112 100

64 62.6 47.9 71.9

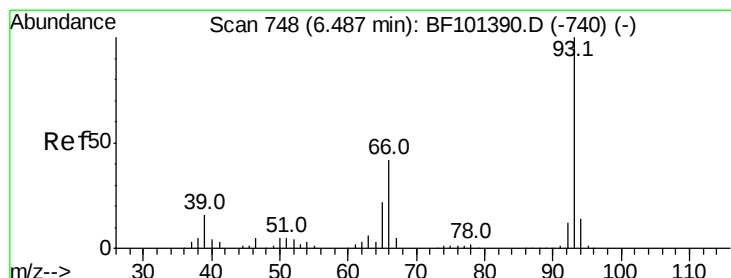
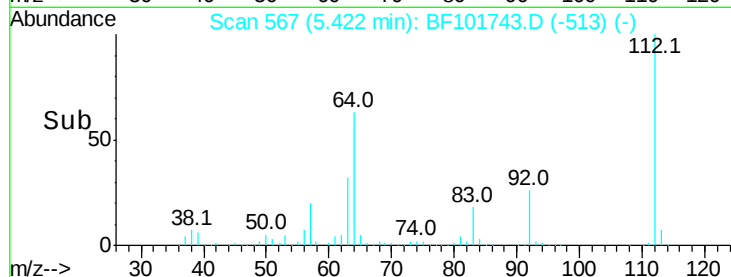
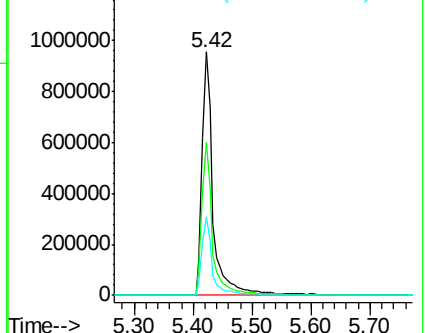
63 32.1 23.7 35.5



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: 10.987 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

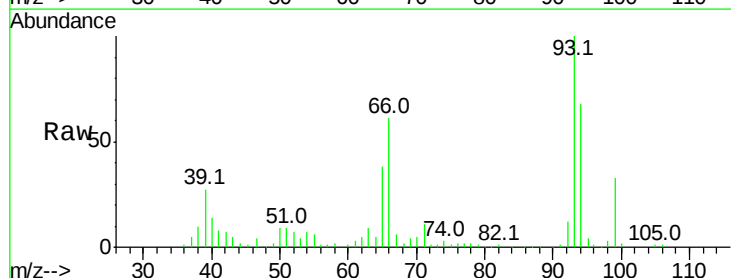
Tgt Ion: 93 Resp: 166759

Ion Ratio Lower Upper

93 100

66 60.9 32.2 48.2#

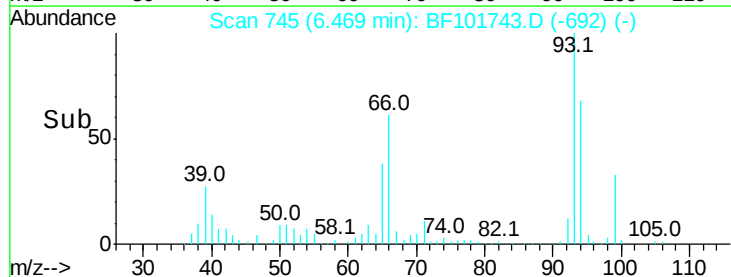
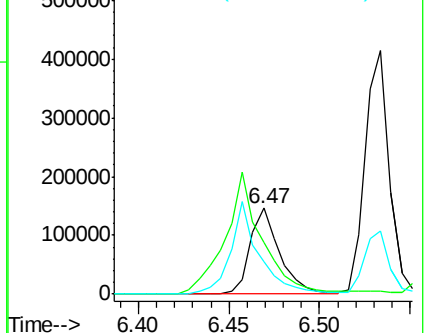
65 37.6 16.4 24.6#

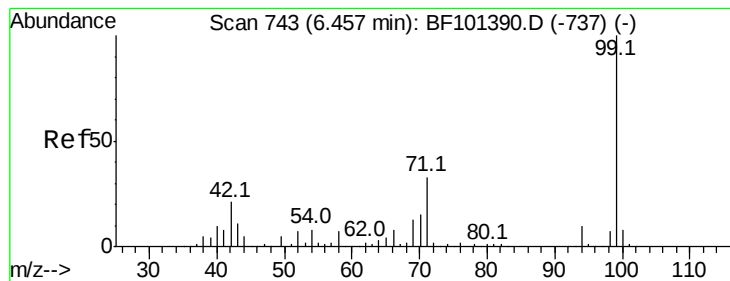


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.899 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

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ClientSampleId :

EPE-106-3DS(90-92)MS

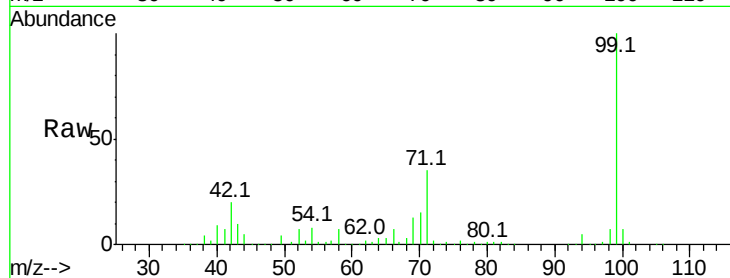
Tot Ion: 99 Resp: 1385952

Ion Ratio Lower Upper

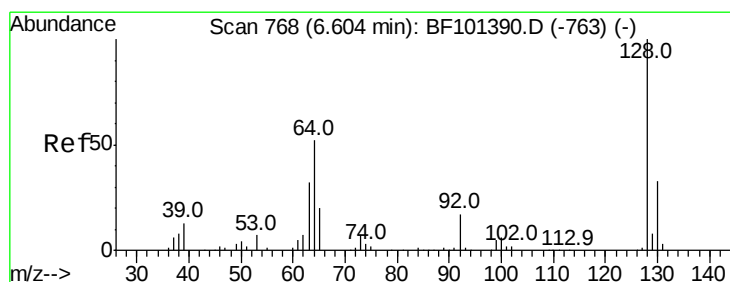
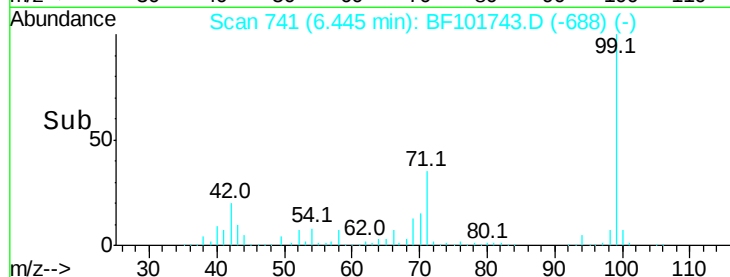
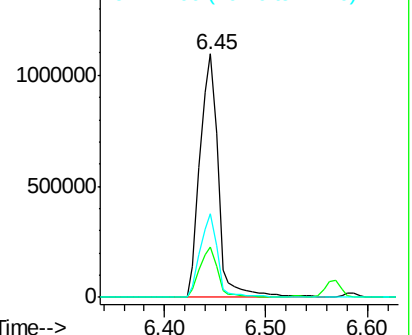
99 100

42 20.4 14.5 21.7

71 34.5 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: 39.924 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

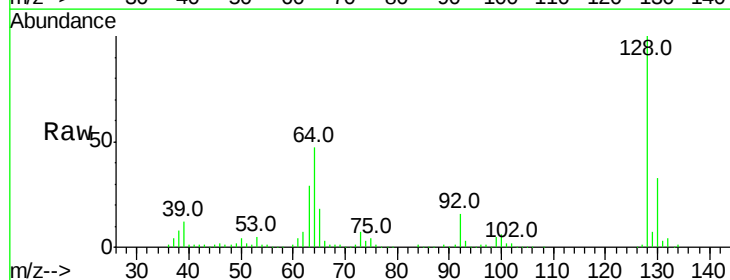
Tgt Ion: 128 Resp: 368556

Ion Ratio Lower Upper

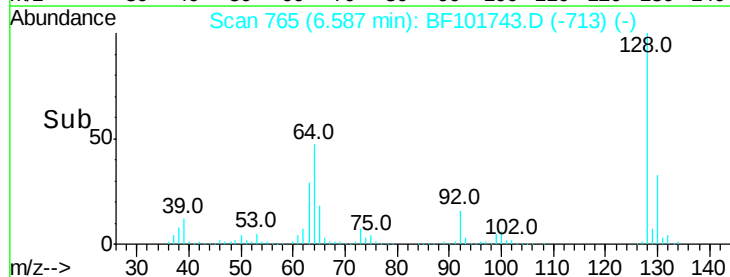
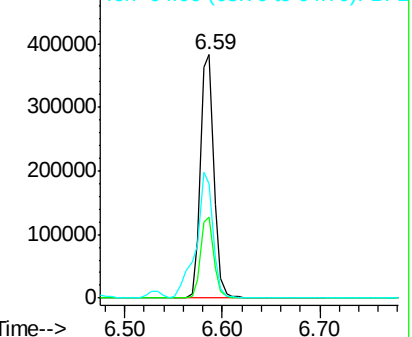
128 100

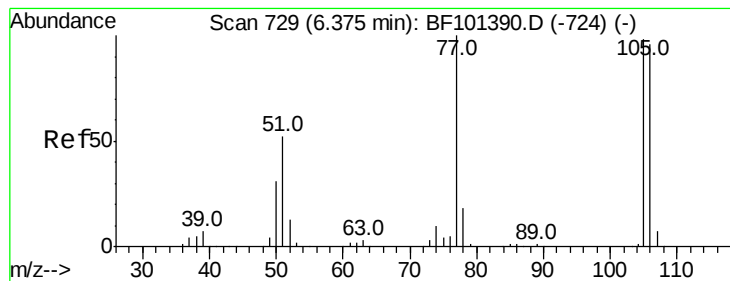
130 33.1 13.0 53.0

64 47.1 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: 23.382 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

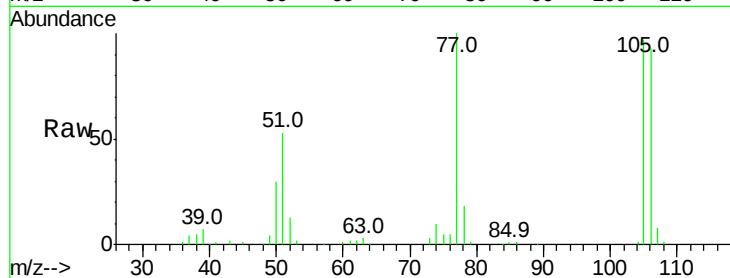
Tot Ion: 77 Resp: 188595

Ion Ratio Lower Upper

77 100

105 97.4 81.1 121.1

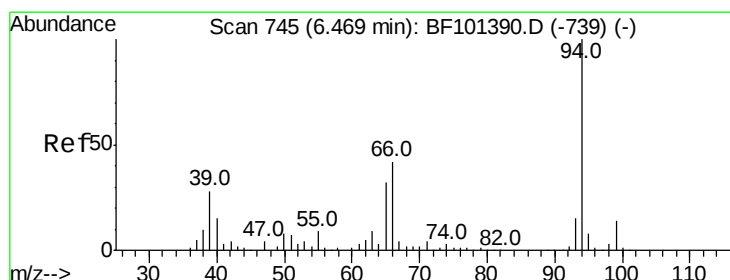
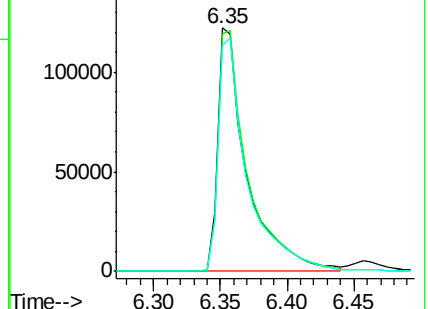
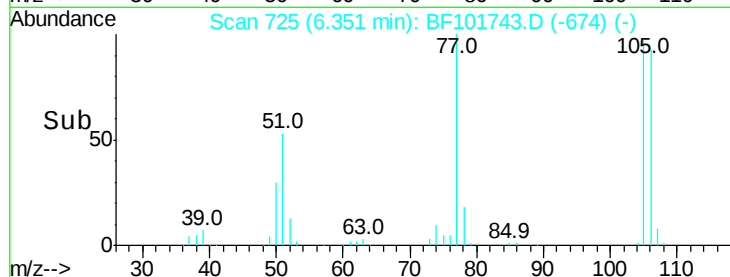
106 92.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.385 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

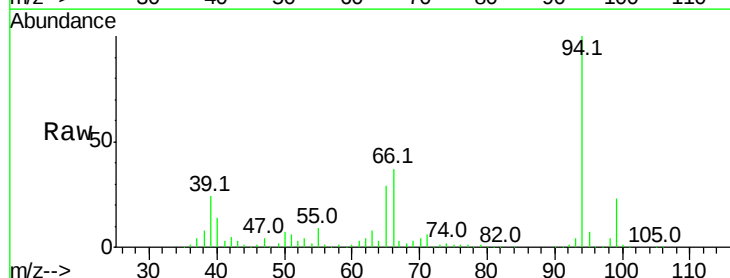
Tgt Ion: 94 Resp: 490266

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

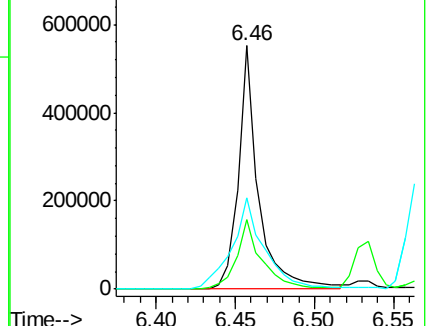
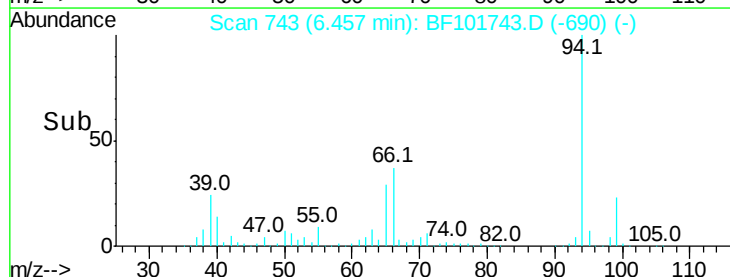
66 37.4 16.2 56.2

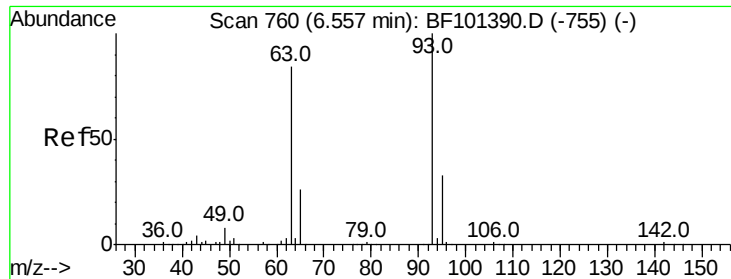


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

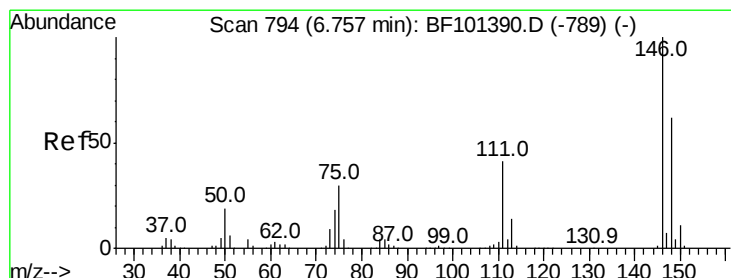
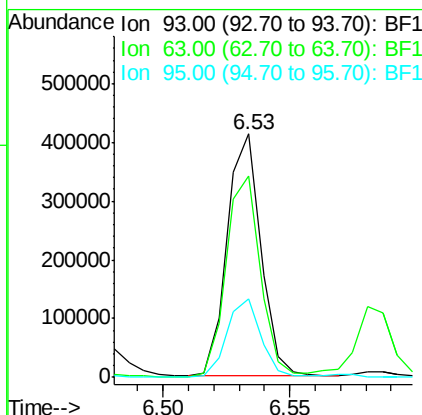
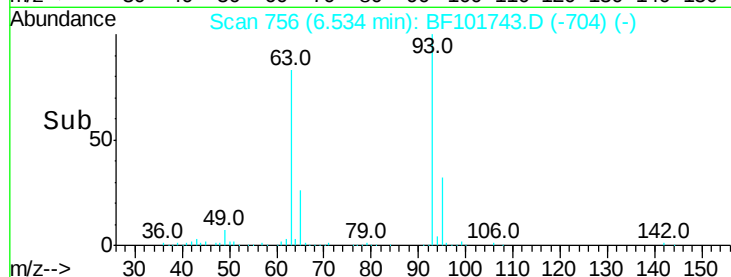
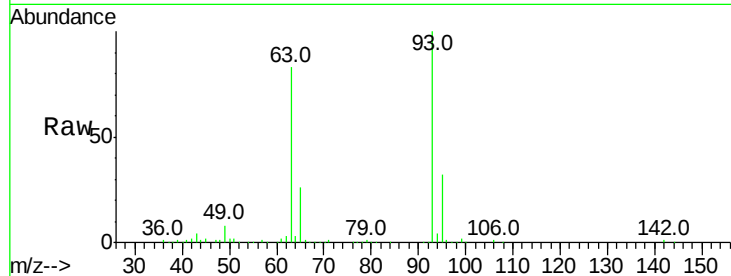




#11
bis(2-Chloroethyl)ether
Concen: 38.895 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

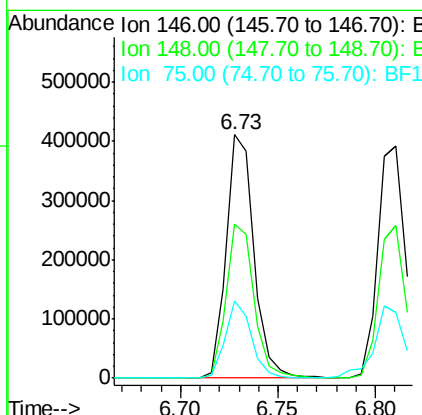
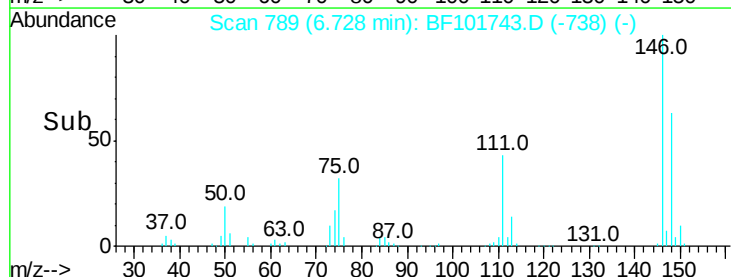
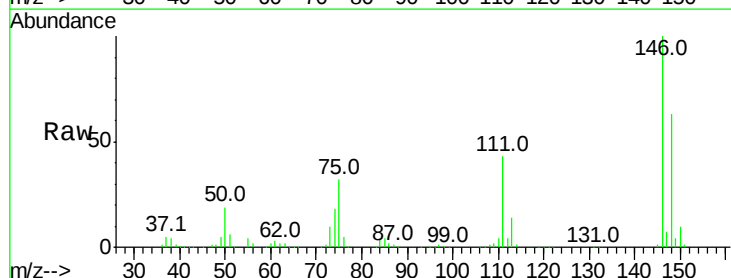
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

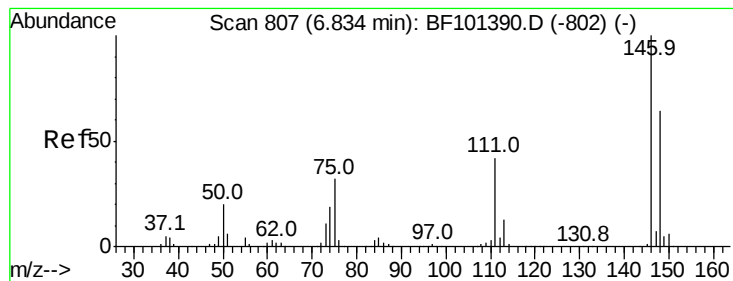
Tot Ion: 93 Resp: 379784
Ion Ratio Lower Upper
93 100
63 82.7 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.938 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion: 146 Resp: 405687
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 31.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.825 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

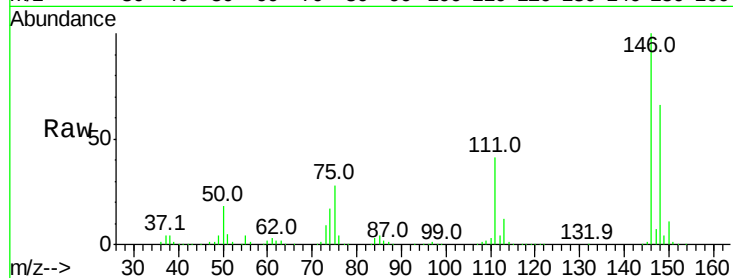
Tot Ion:146 Resp: 413084

Ion Ratio Lower Upper

146 100

148 65.9 50.8 76.2

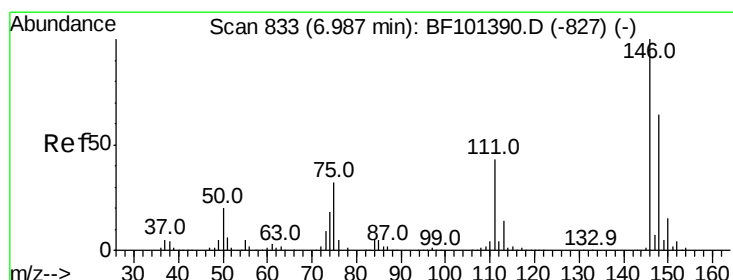
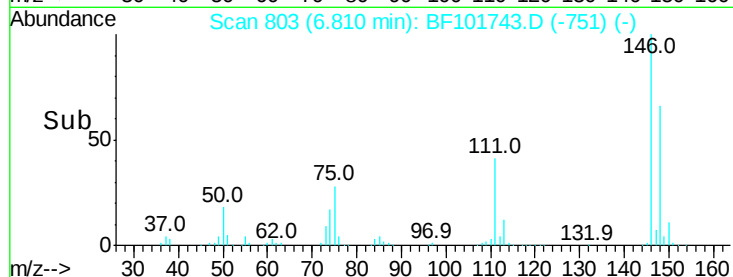
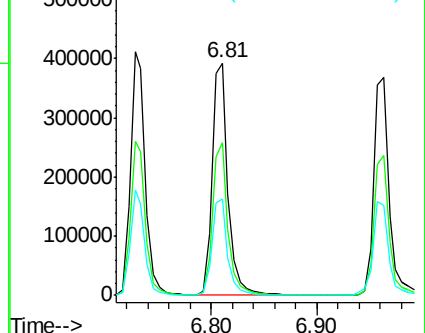
111 41.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.299 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

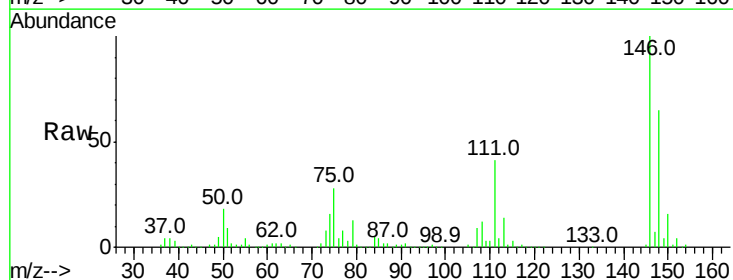
Tgt Ion:146 Resp: 366785

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

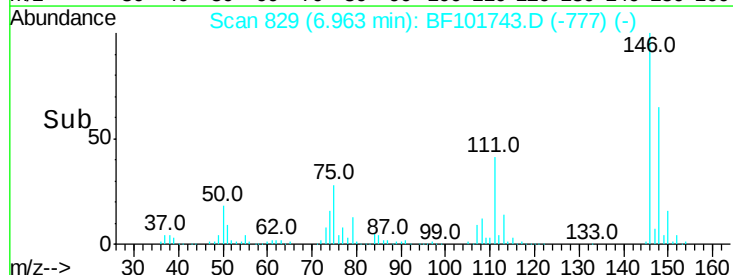
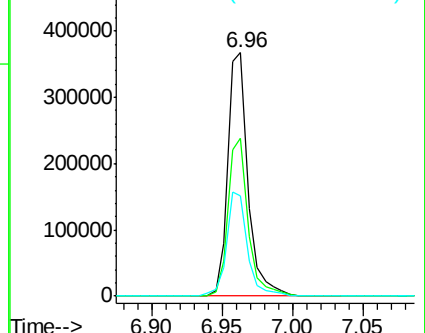
111 41.1 36.0 54.0

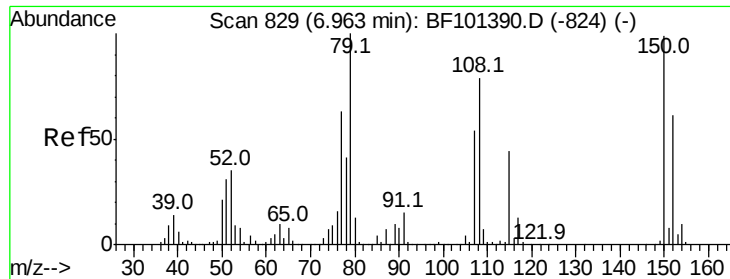


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

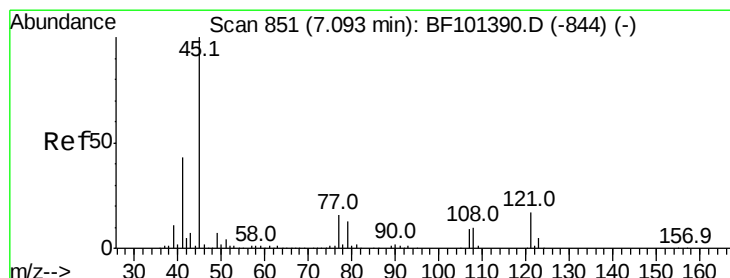
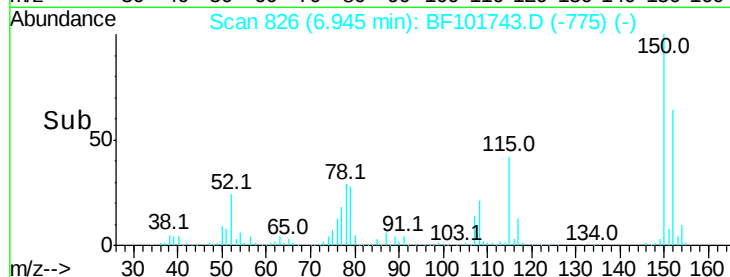
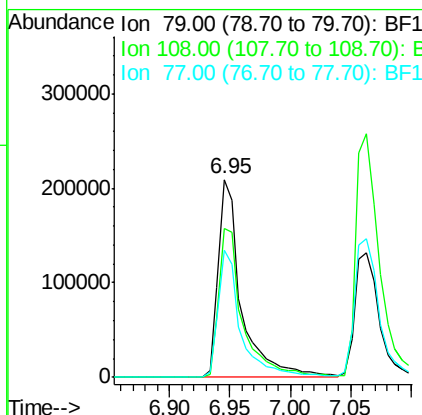
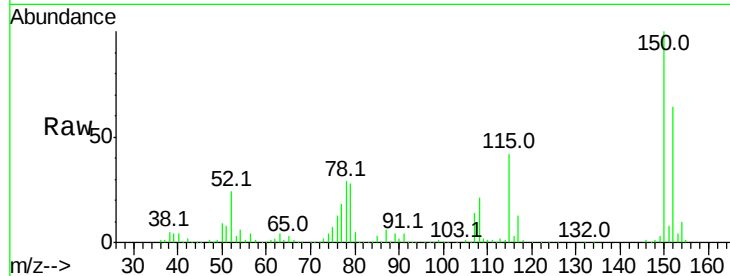




#15
Benzyl Alcohol
Concen: 36.758 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

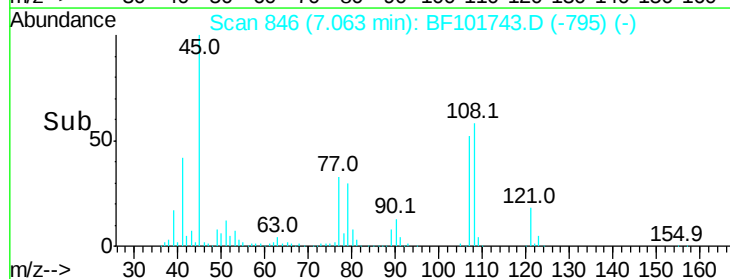
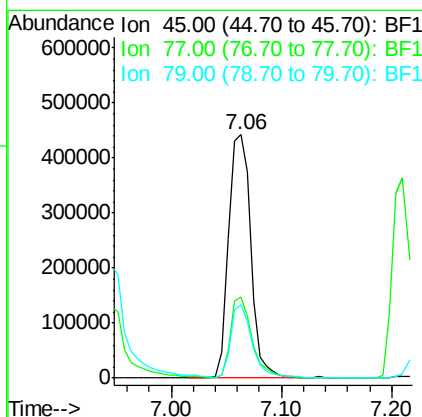
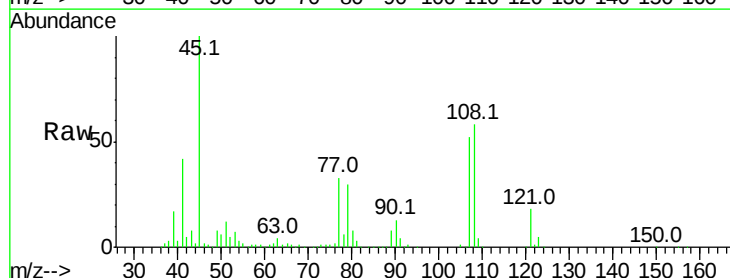
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

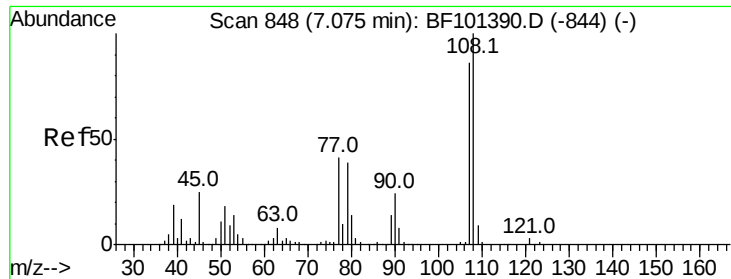
Tot Ion: 79 Resp: 276322
Ion Ratio Lower Upper
79 100
108 75.1 65.1 97.7
77 64.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.742 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion: 45 Resp: 623780
Ion Ratio Lower Upper
45 100
77 33.1 0.0 32.9#
79 29.9 0.0 29.6#

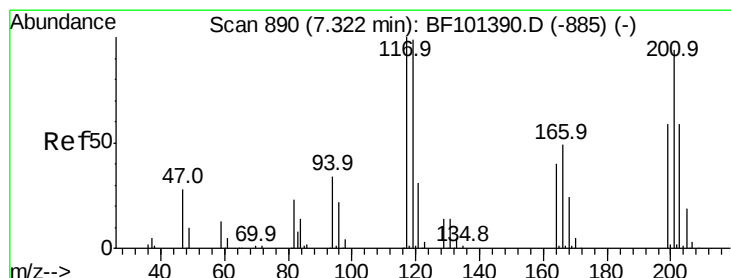
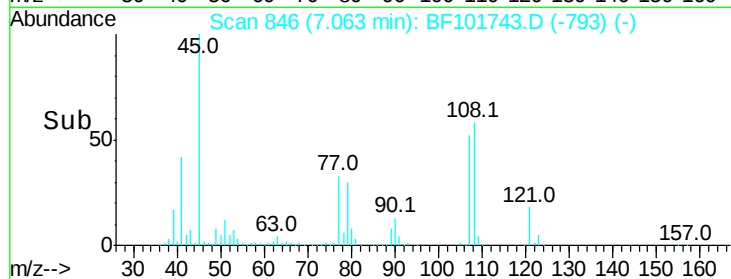
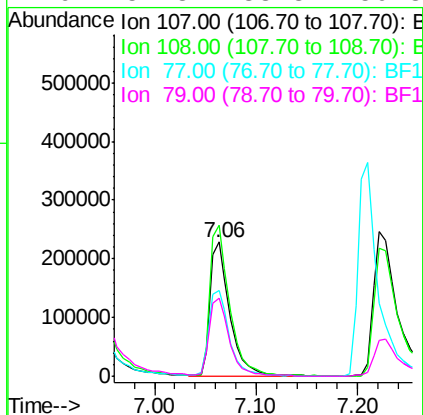
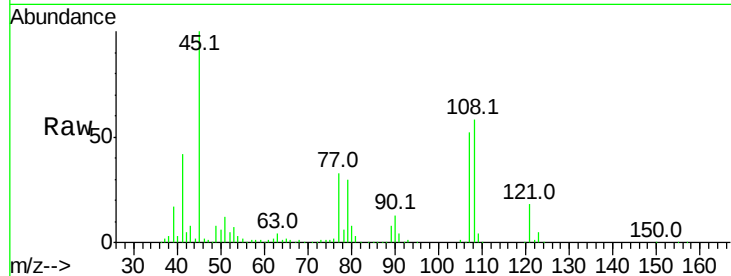




#17
2-Methylphenol
Concen: 35.856 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

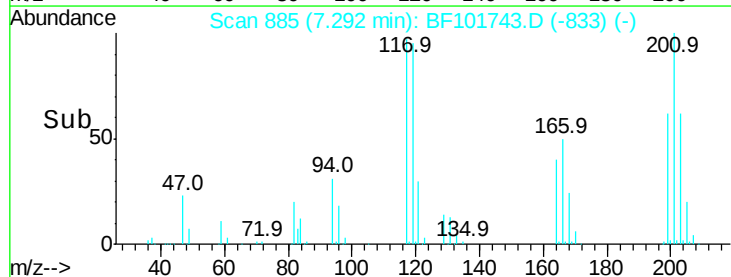
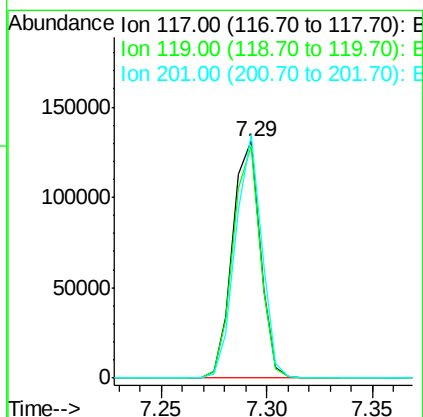
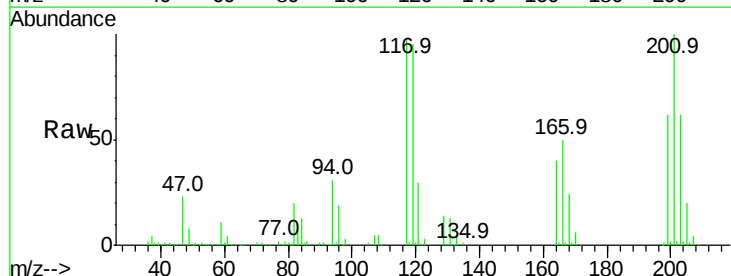
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

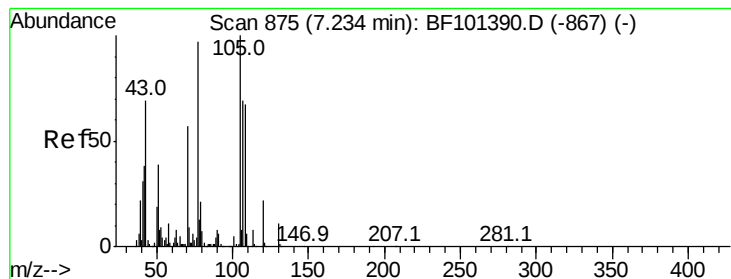
Tot Ion:107 Resp: 304474
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 64.0 33.8 50.8#
79 57.8 33.8 50.8#



#18
Hexachloroethane
Concen: 32.143 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion:117 Resp: 118899
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
201 102.9 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.424 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

Tot Ion: 70 Resp: 268424

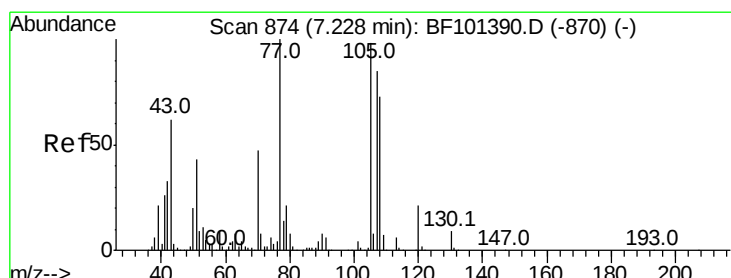
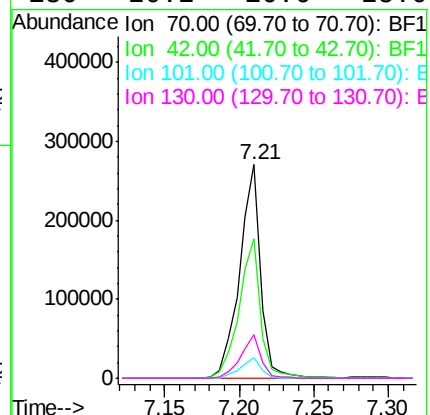
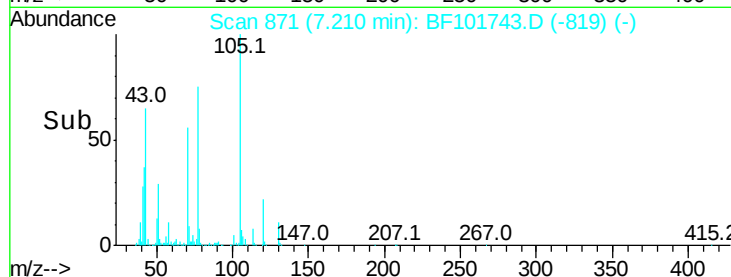
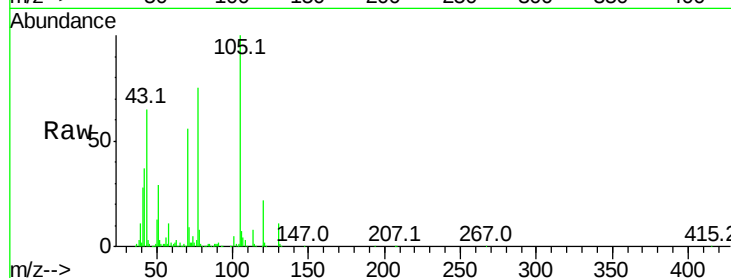
Ion Ratio Lower Upper

70 100

42 65.6 47.5 71.3

101 9.7 7.4 11.2

130 20.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 46.436 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Tgt Ion:107 Resp: 417847

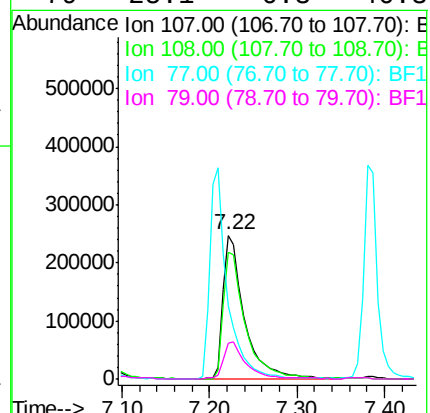
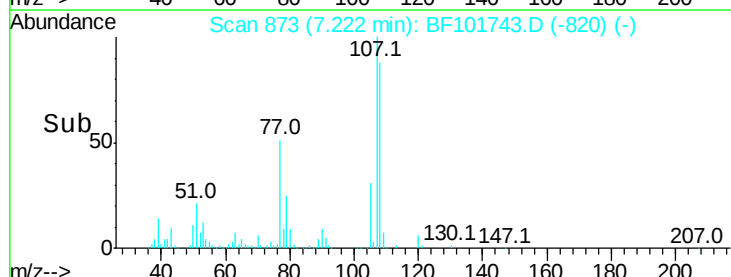
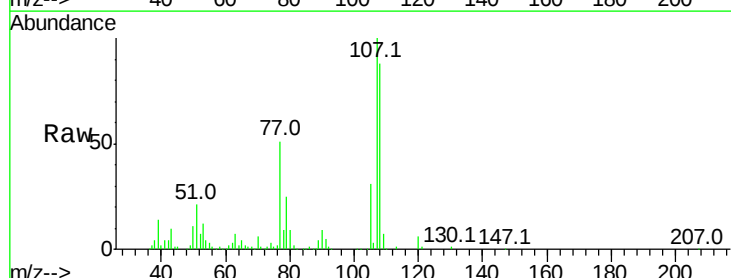
Ion Ratio Lower Upper

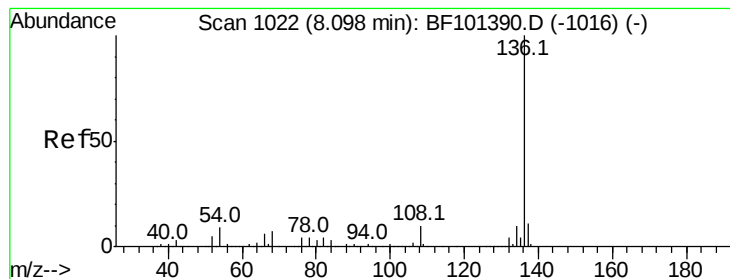
107 100

108 88.4 68.2 108.2

77 50.6 26.7 66.7

79 25.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

Tot Ion:136 Resp: 464330

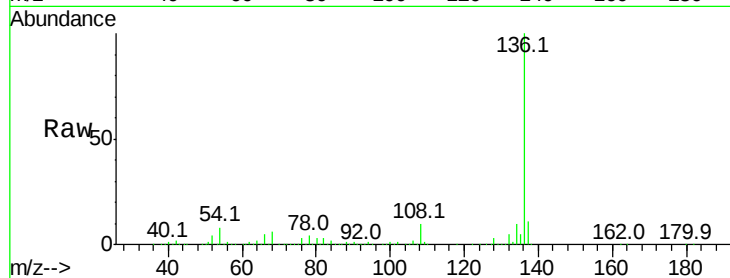
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.5 6.6 9.8

68 6.4 5.0 7.4

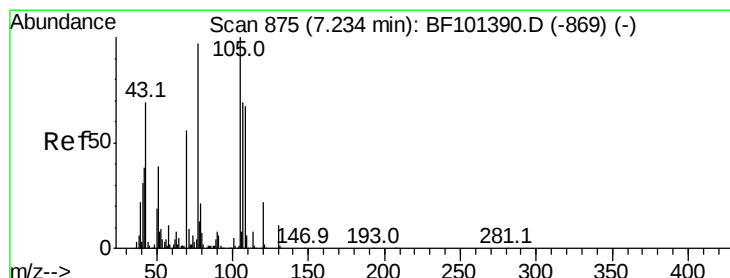
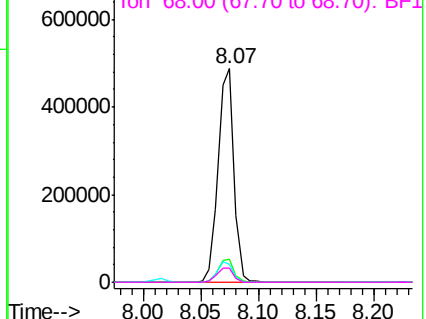
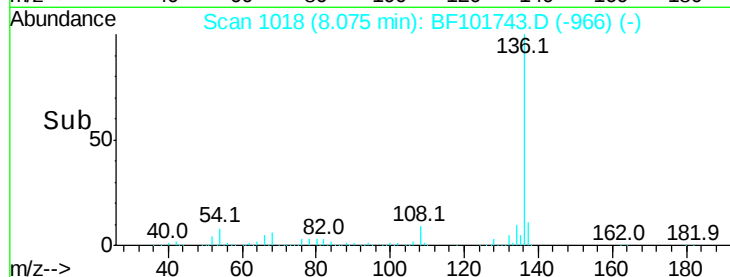


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.111 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Tgt Ion:105 Resp: 520326

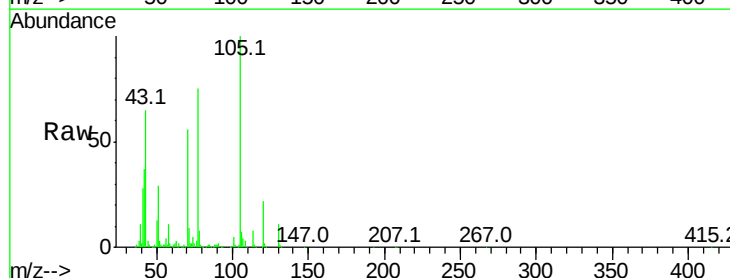
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 29.5 22.3 33.5

120 22.0 16.9 25.3

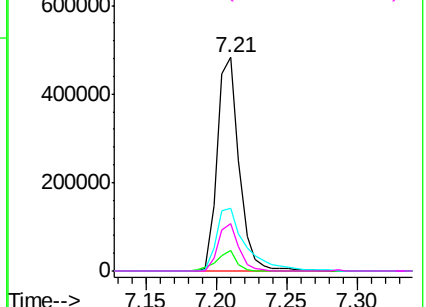
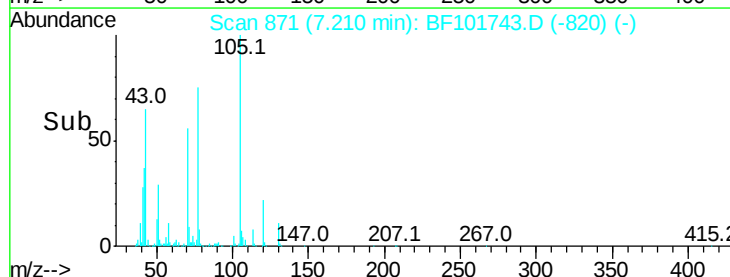


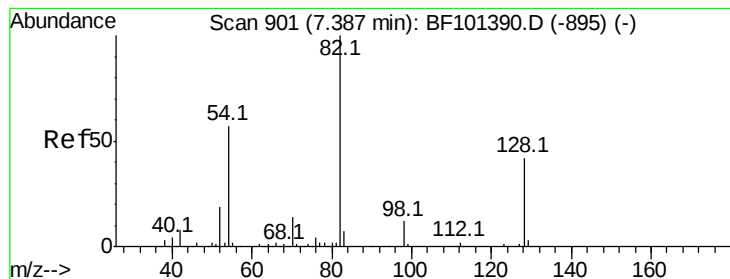
Abundance Ion 105.00 (104.70 to 105.70): E

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: 105.055 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

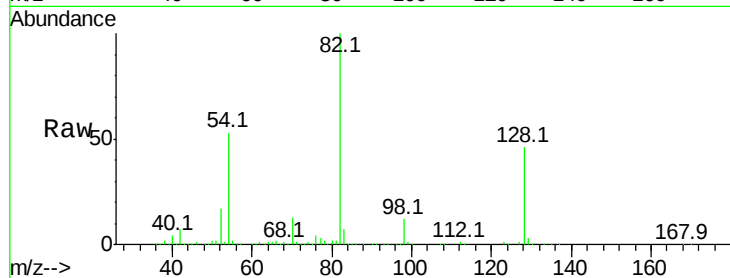
Tot Ion: 82 Resp: 876308

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

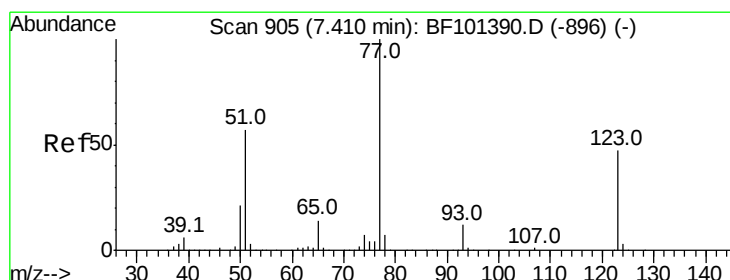
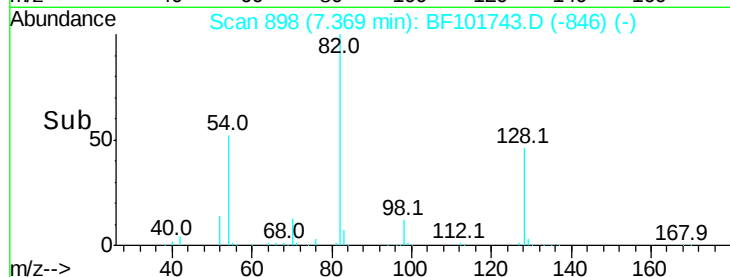
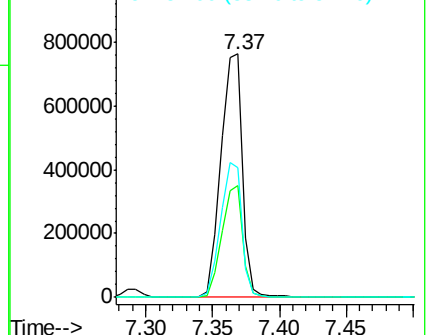
54 53.1 41.4 62.2



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: 42.588 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

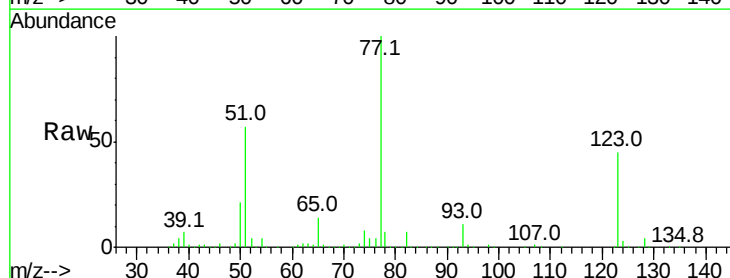
Tgt Ion: 77 Resp: 393165

Ion Ratio Lower Upper

77 100

123 45.0 37.9 56.9

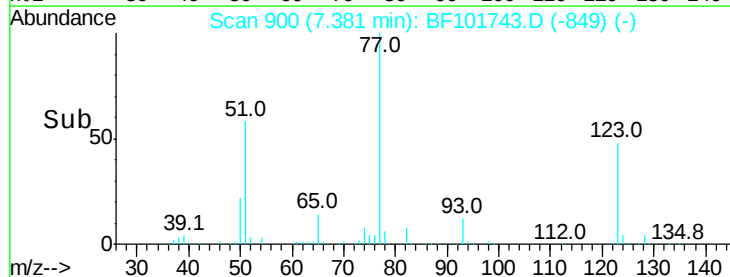
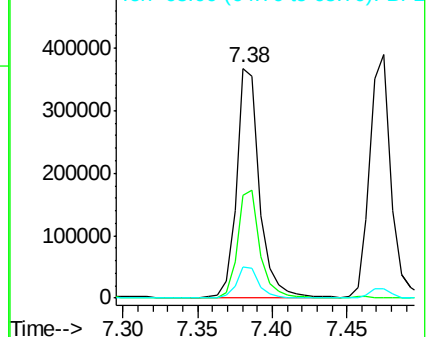
65 13.7 11.0 16.4

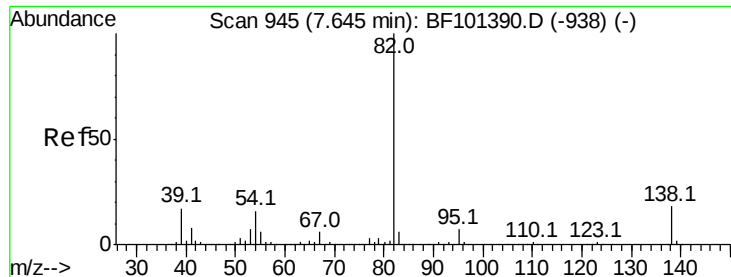


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.943 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

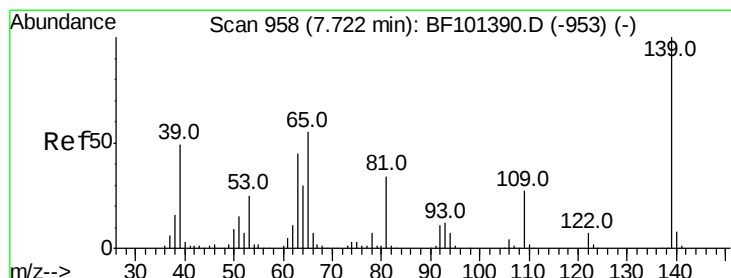
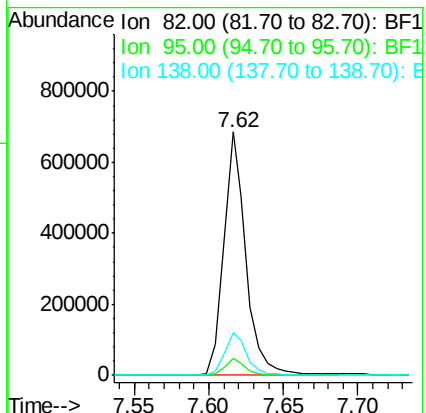
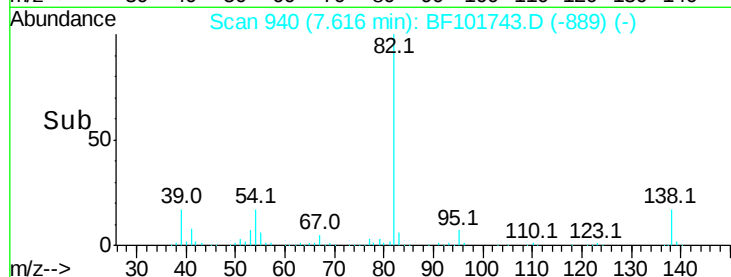
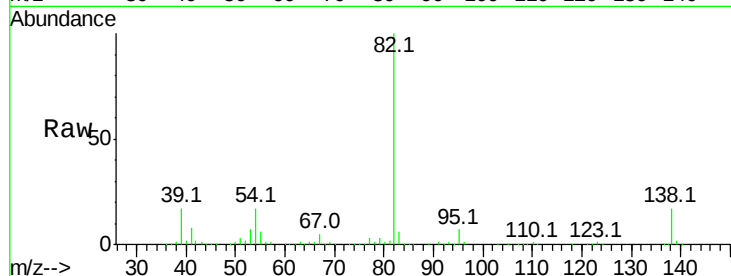
Tot Ion: 82 Resp: 718586

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 43.337 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

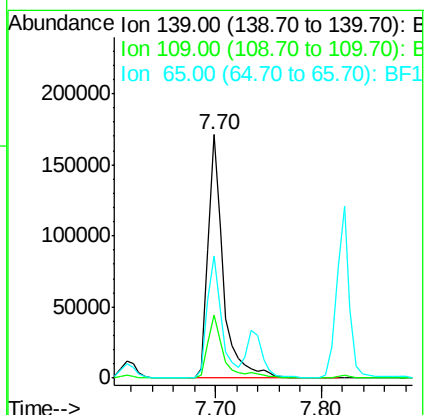
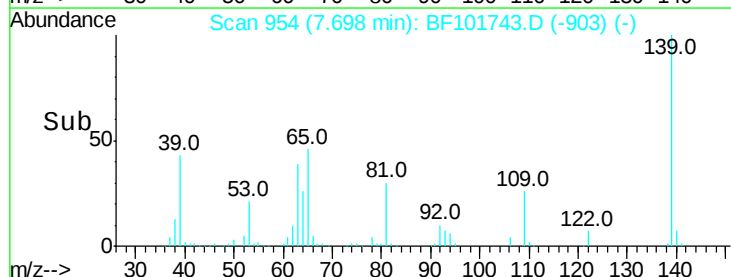
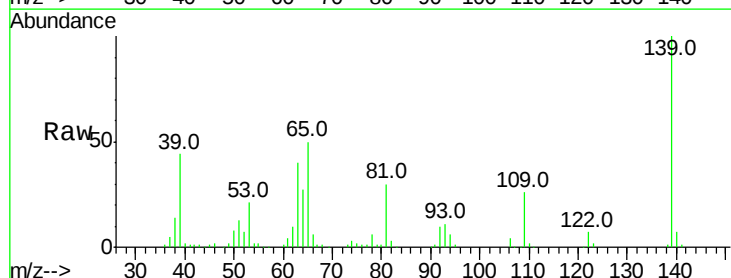
Tgt Ion: 139 Resp: 171883

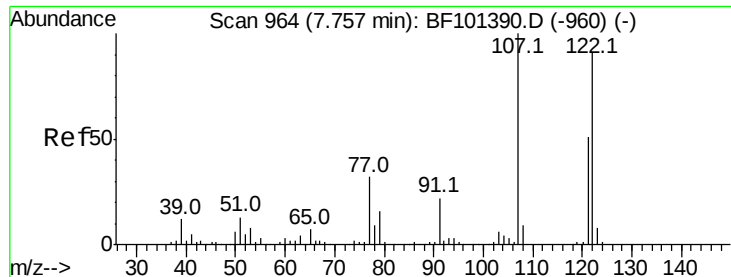
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 50.2 40.5 60.7

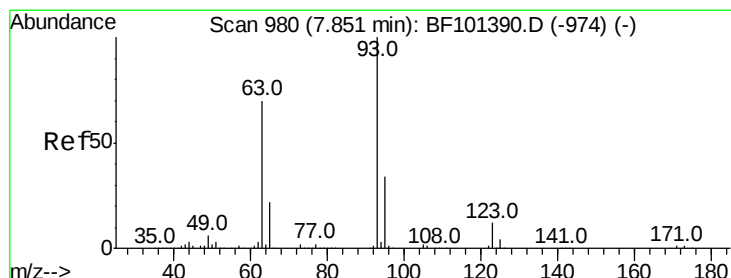
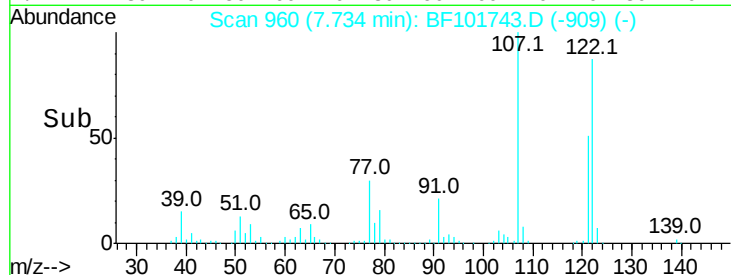
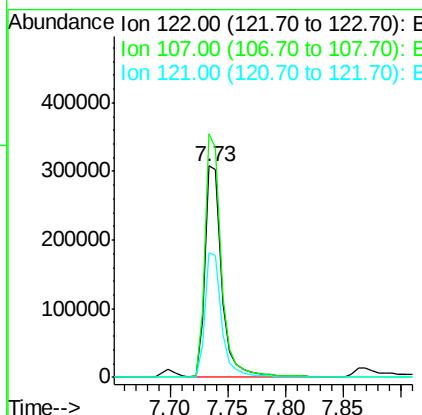
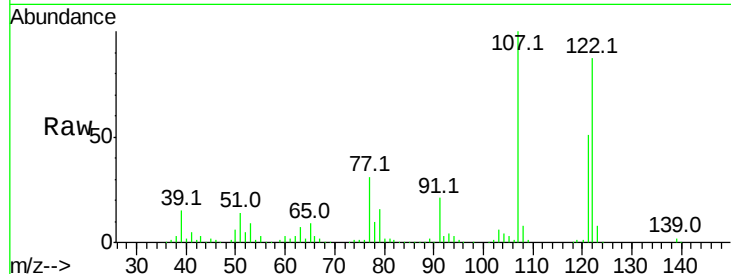




#27
 2,4-Dimethylphenol
 Concen: 47.080 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

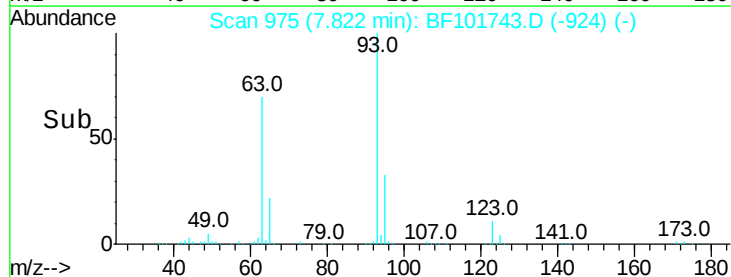
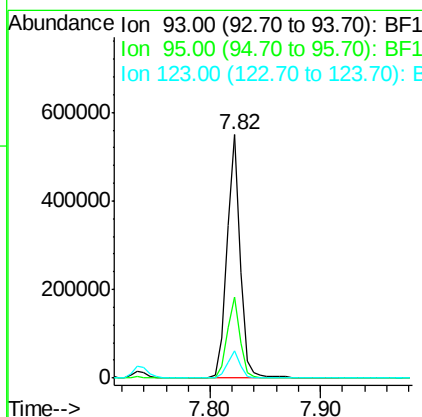
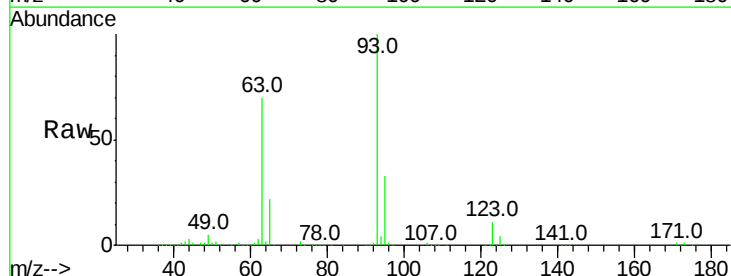
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

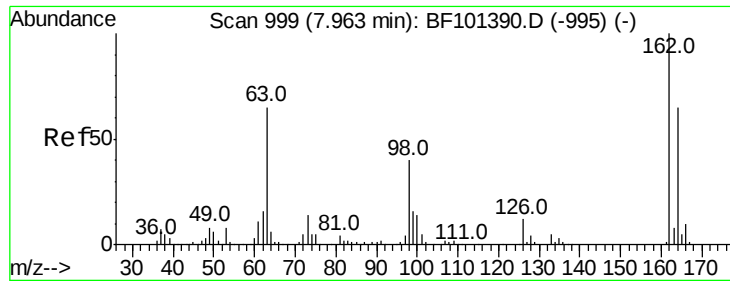
Tot Ion:122 Resp: 317222
 Ion Ratio Lower Upper
 122 100
 107 115.2 91.2 136.8
 121 58.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.580 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion: 93 Resp: 463234
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.1 9.8 14.6

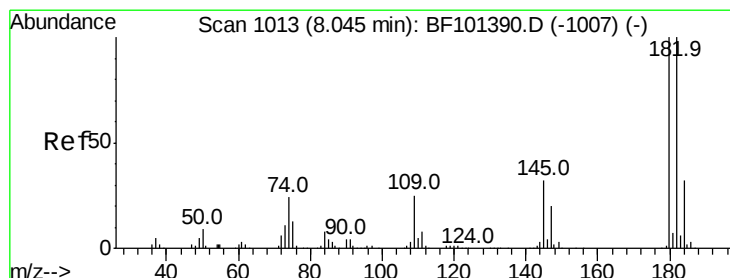
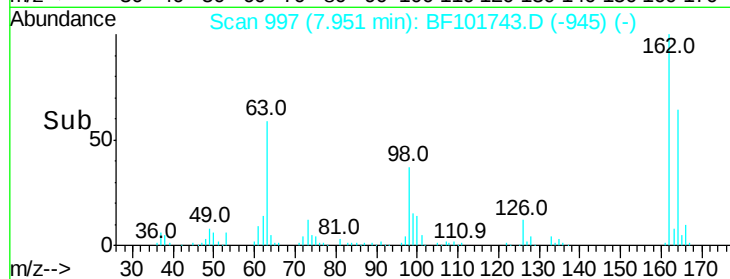
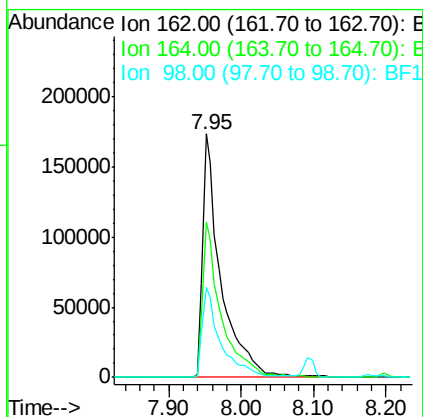
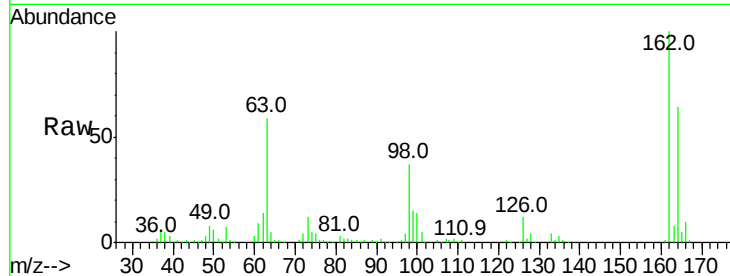




#29
 2,4-Dichlorophenol
 Concen: 45.426 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

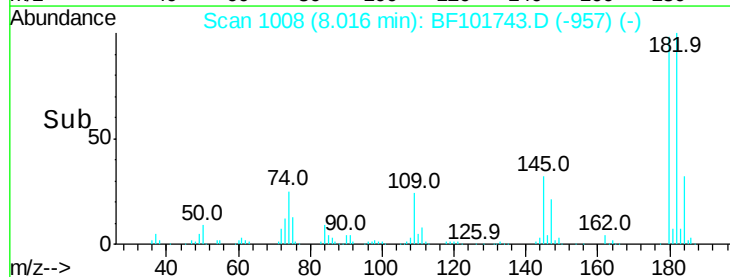
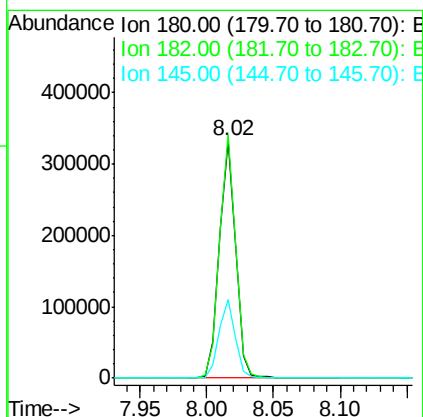
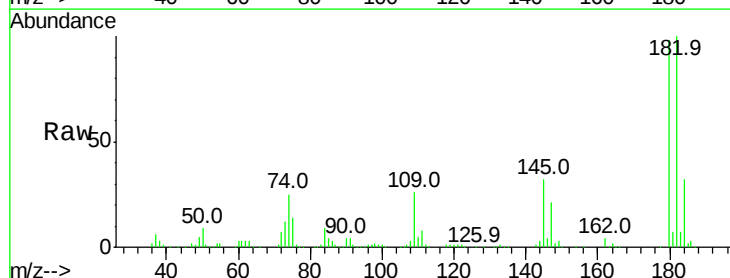
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

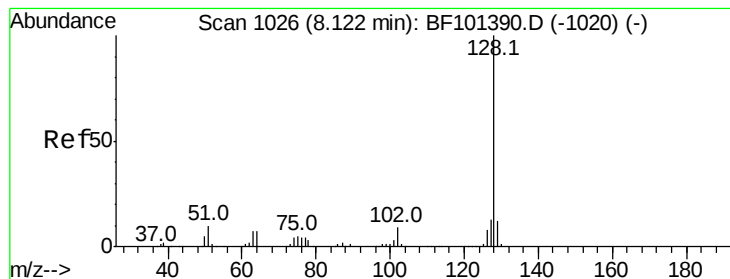
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	36.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.481 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.5	76.8	115.2
145	33.3	26.5	39.7





#31

Naphthalene

Concen: 41.981 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

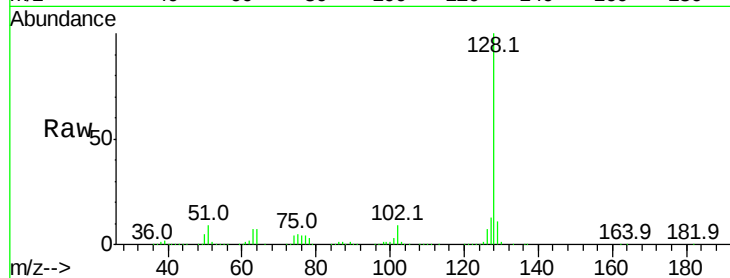
Tot Ion:128 Resp: 981355

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

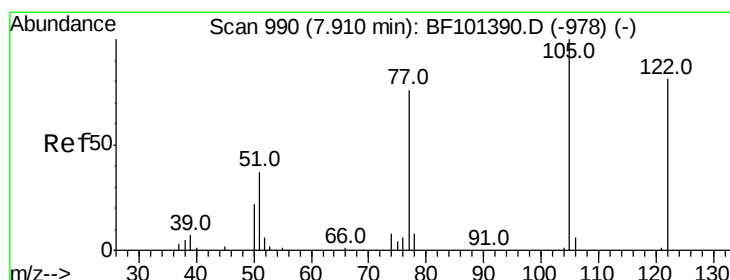
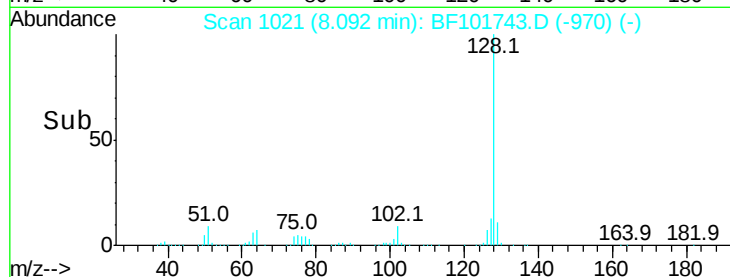
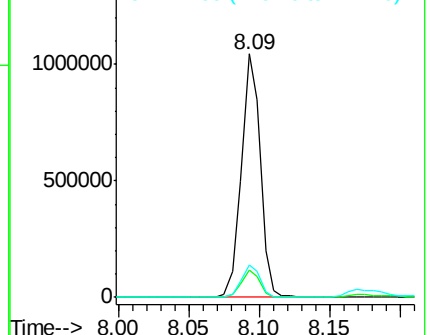
127 13.5 10.9 16.3



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



#32

Benzoic acid

Concen: 13.675 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

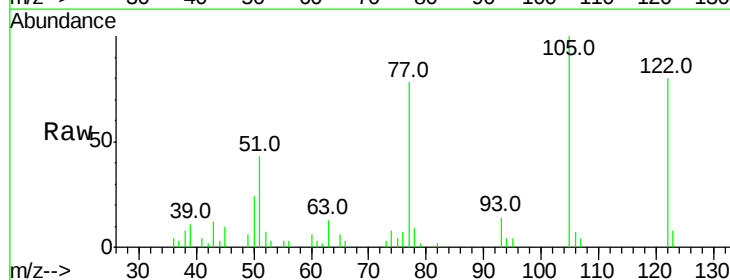
Tgt Ion:122 Resp: 31101

Ion Ratio Lower Upper

122 100

105 124.8 101.1 141.1

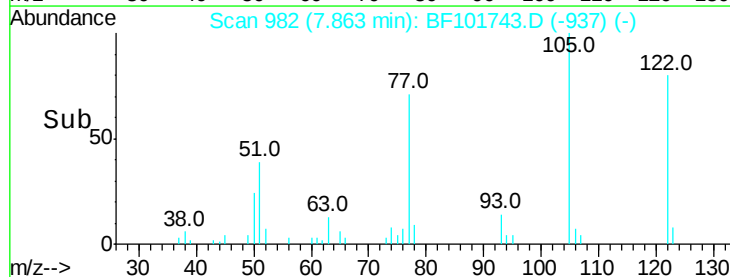
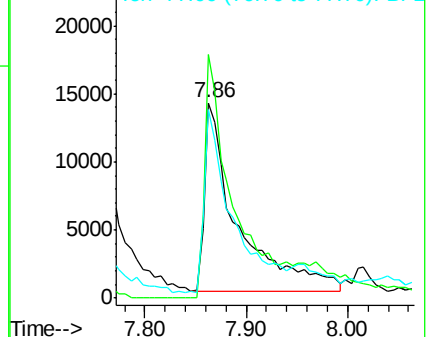
77 96.9 70.7 110.7

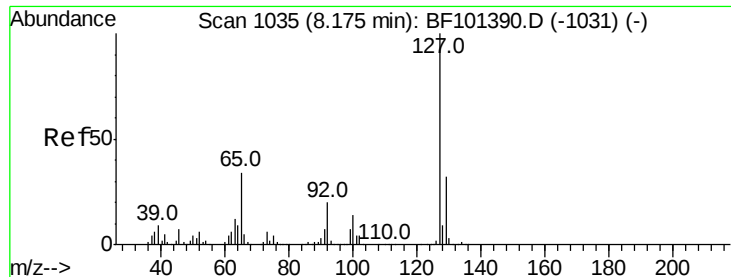


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

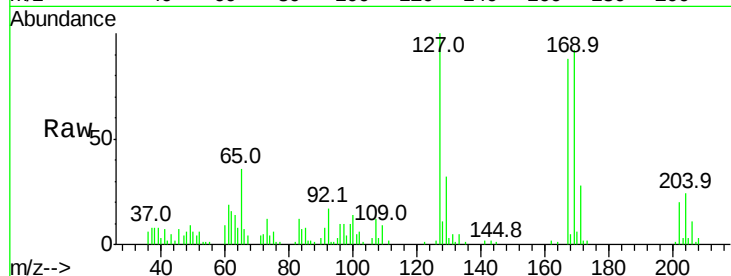




#33
4-Chloroaniline
Concen: 7.170 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	36.2	25.0	37.4
92	17.1	15.2	22.8



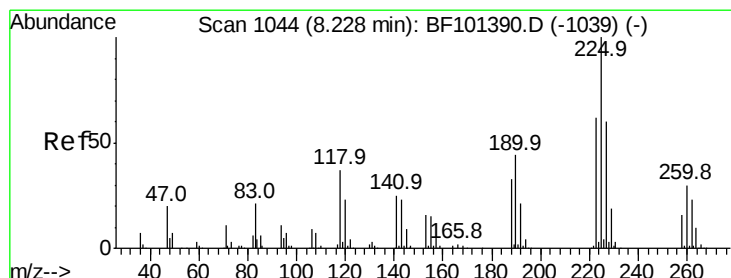
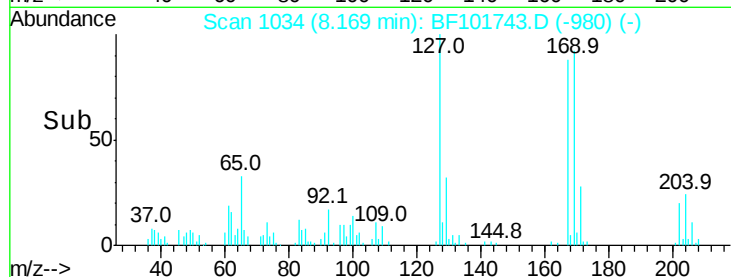
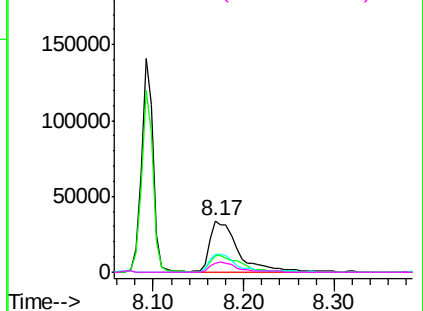
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

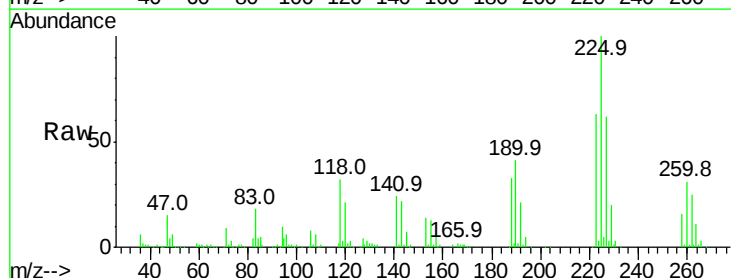
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.472 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	61.9	51.9	77.9

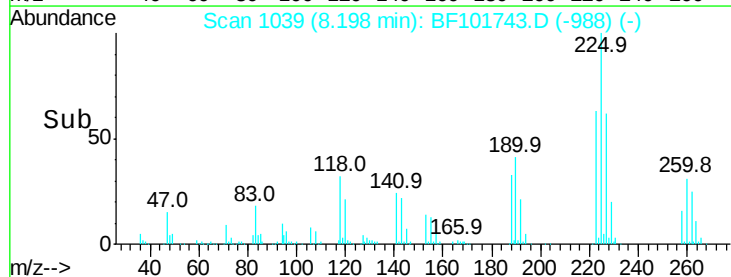
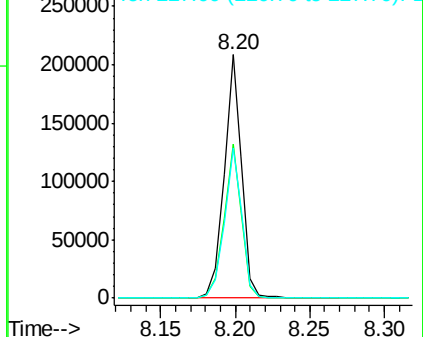


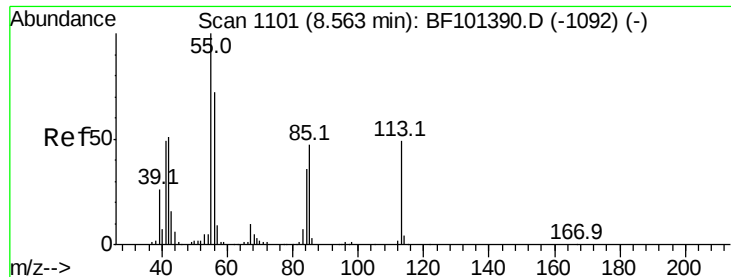
Abundance

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: 41.255 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

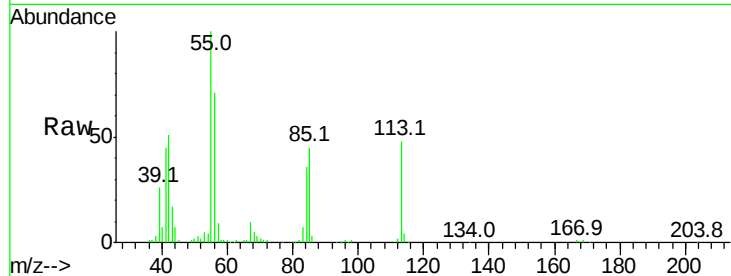
Tot Ion:113 Resp: 95360

Ion Ratio Lower Upper

113 100

55 208.1 163.3 203.3#

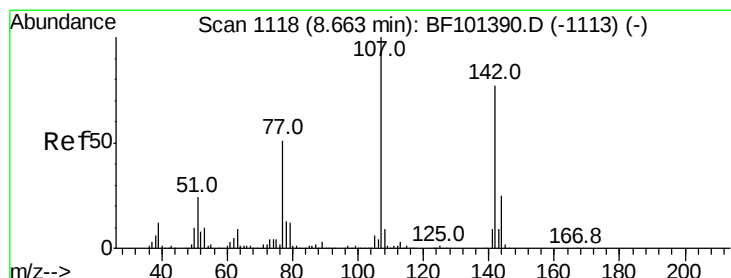
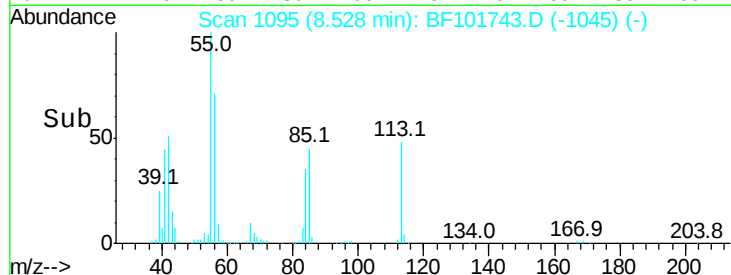
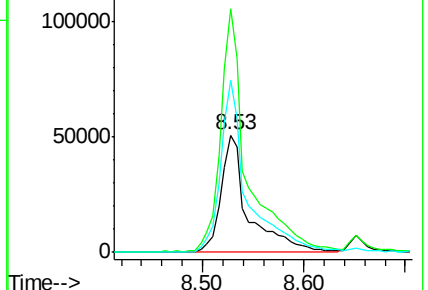
56 146.9 115.7 155.7



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: 39.131 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

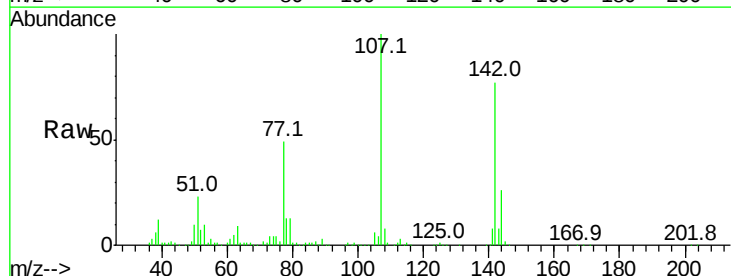
Tgt Ion:107 Resp: 286307

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

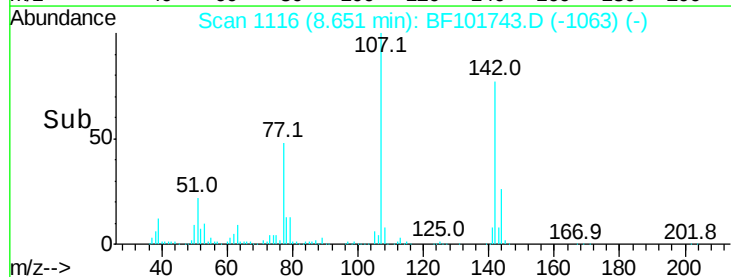
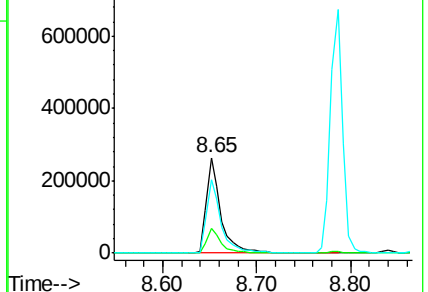
142 77.4 62.0 93.0

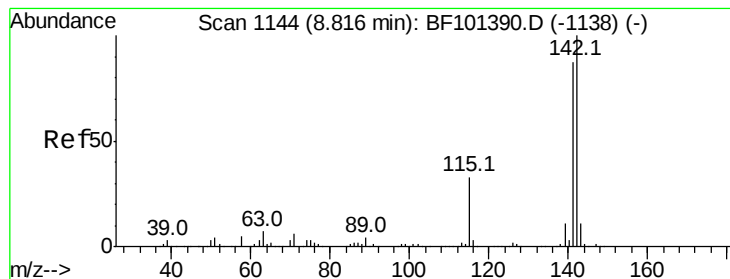


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.720 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

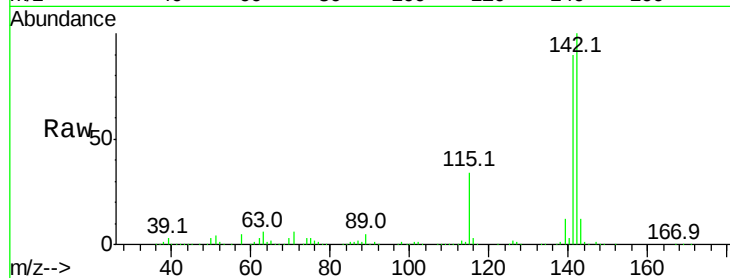
Tot Ion:142 Resp: 604940

Ion Ratio Lower Upper

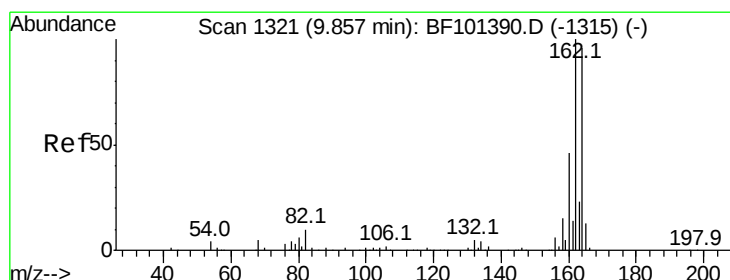
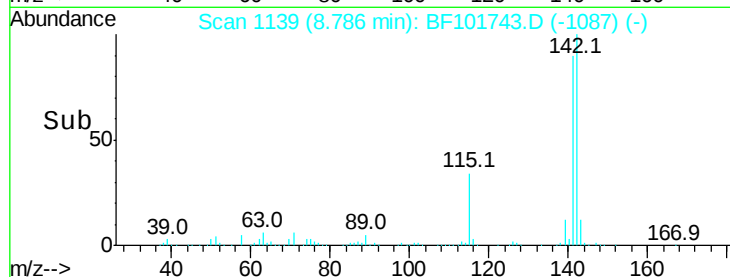
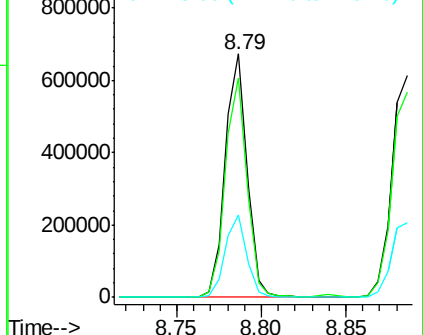
142 100

141 89.8 70.8 106.2

115 33.9 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: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

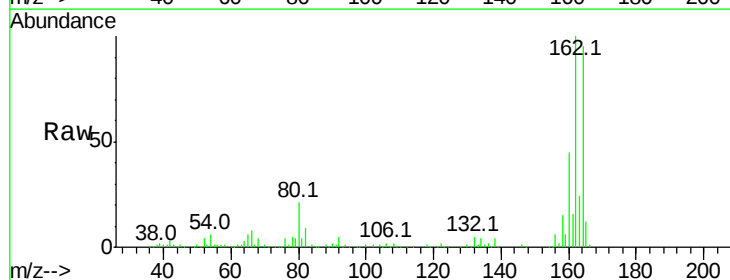
Tgt Ion:164 Resp: 171182

Ion Ratio Lower Upper

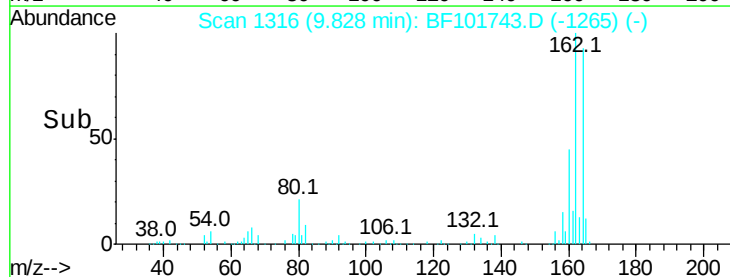
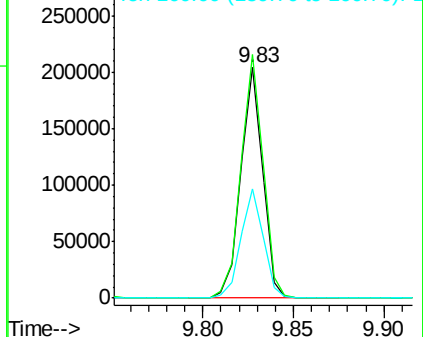
164 100

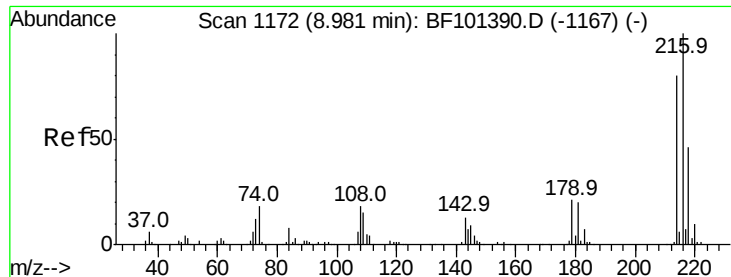
162 105.7 86.1 129.1

160 47.2 38.3 57.5



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

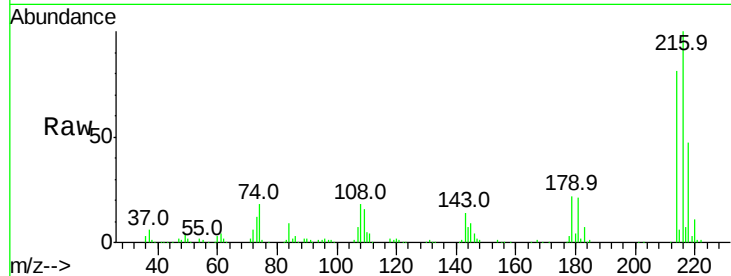




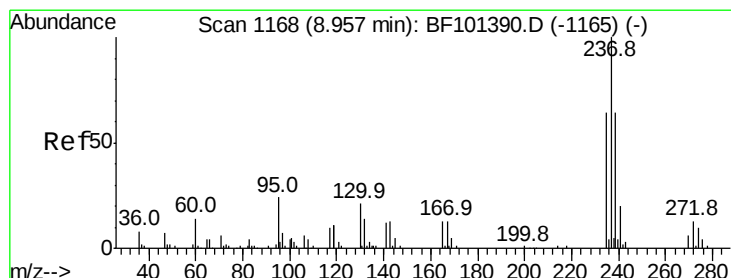
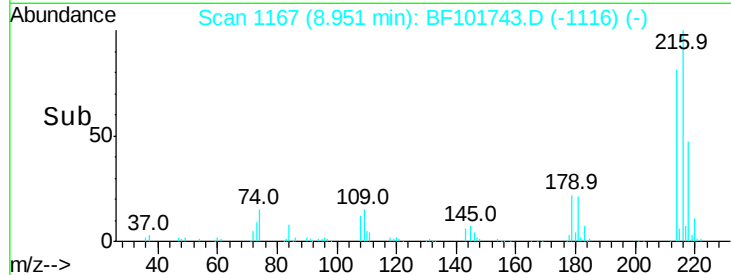
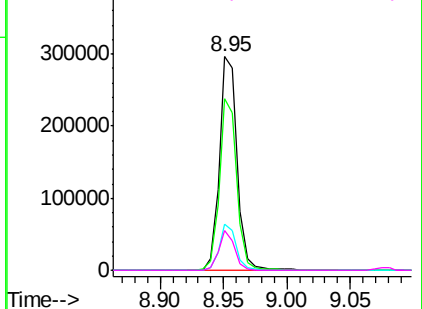
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.093 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

Tot Ion:	216	Resp:	289516
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.0	94.4
179	20.8	18.1	27.1
108	17.0	17.2	25.8#

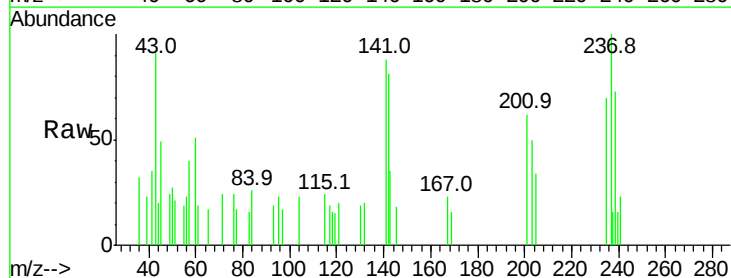


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

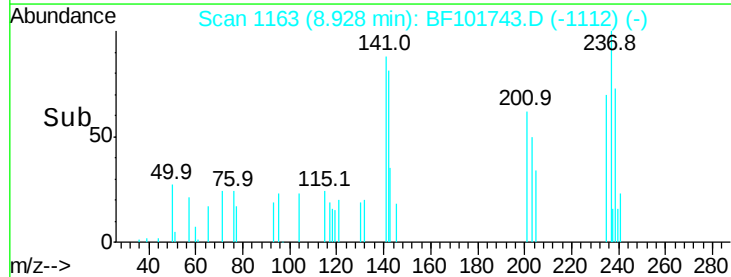
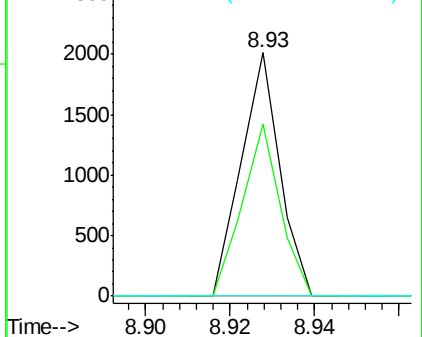


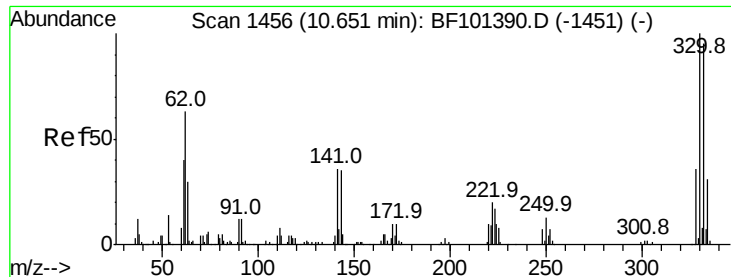
#40
 Hexachlorocyclopentadiene
 Concen: 12.835 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion:	237	Resp:	1275
Ion Ratio	Lower	Upper	
237	100		
235	70.4	44.8	84.8
272	0.0	0.0	33.3



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

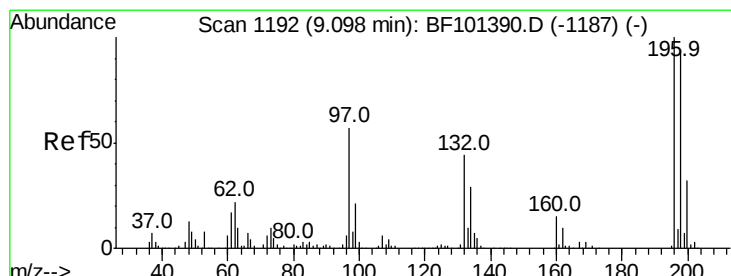
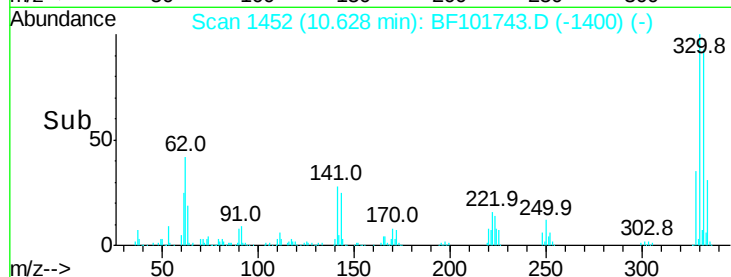
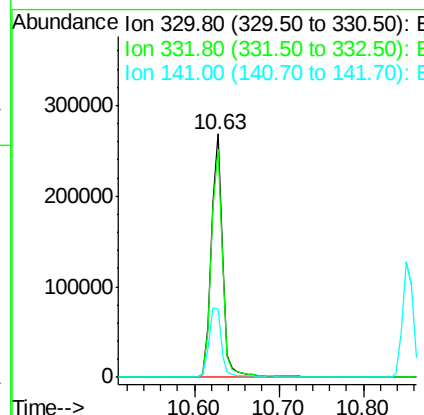
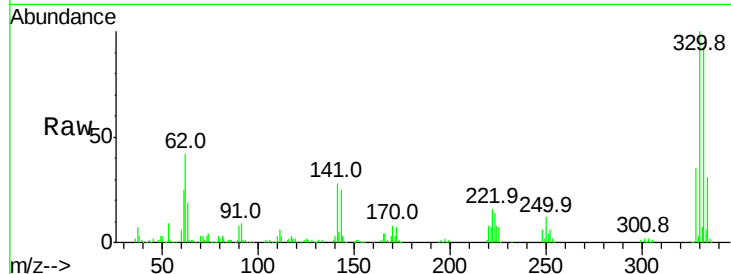




#41
 2,4,6-Tribromophenol
 Concen: 153.164 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

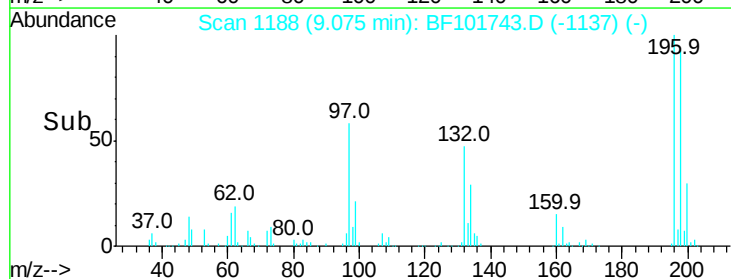
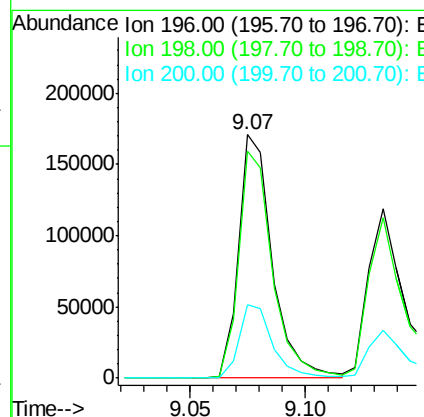
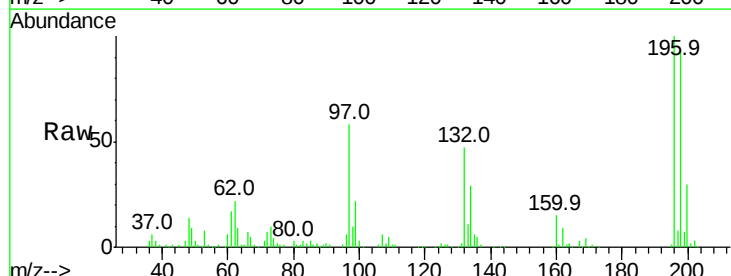
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

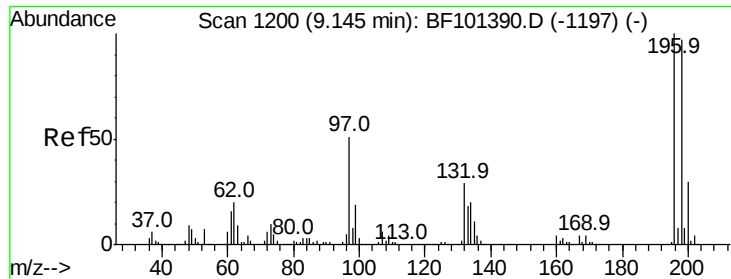
Tot Ion:330 Resp: 252639
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 31.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 50.121 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion:196 Resp: 174394
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 30.1 24.5 36.7

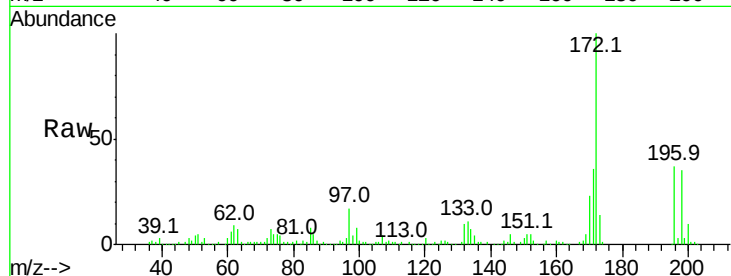




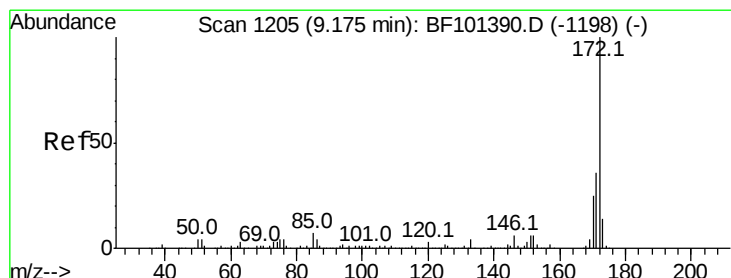
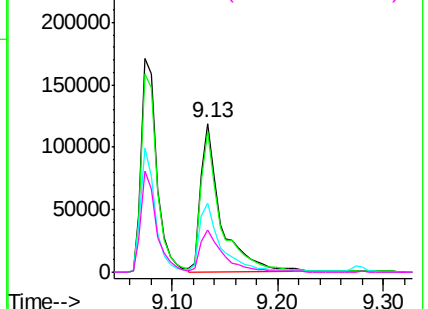
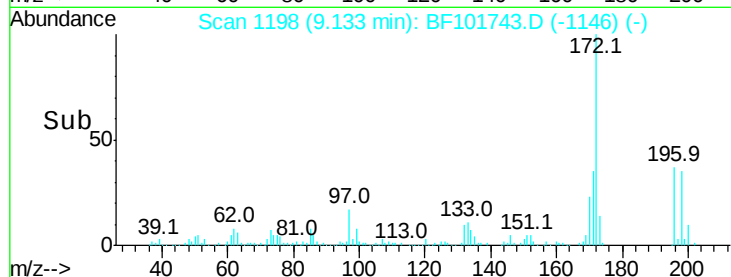
#43
 2,4,5-Trichlorophenol
 Concen: 40.922 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	46.8	42.9	64.3
132	28.2	26.3	39.5

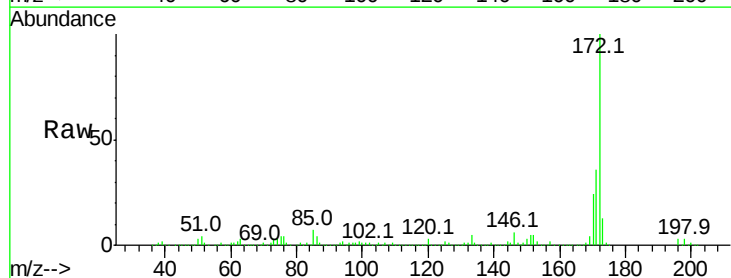


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

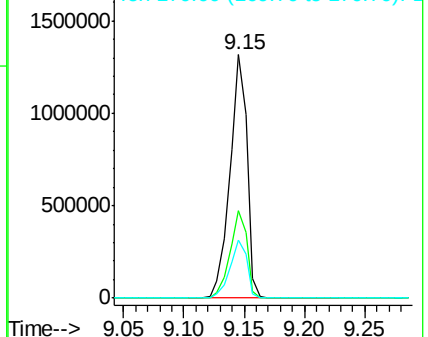
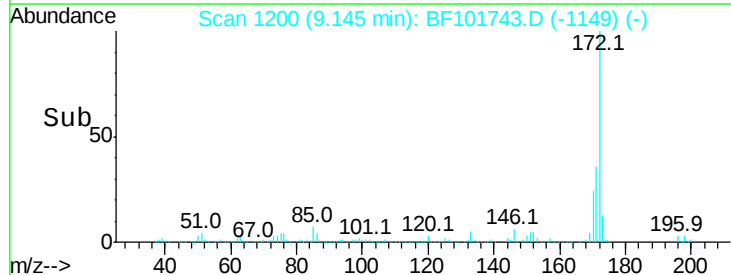


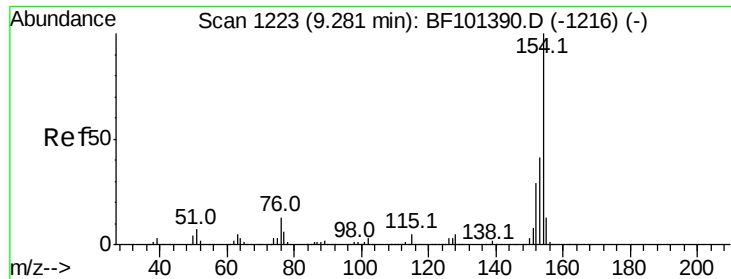
#44
 2-Fluorobiphenyl
 Concen: 117.248 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4



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

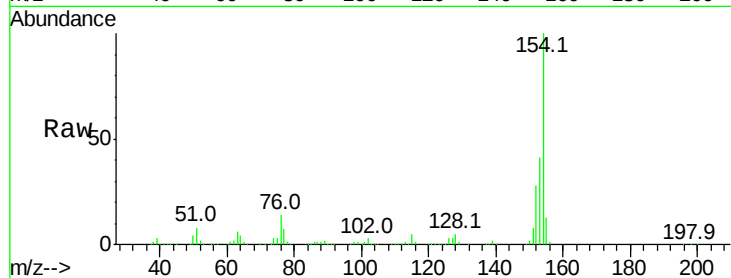




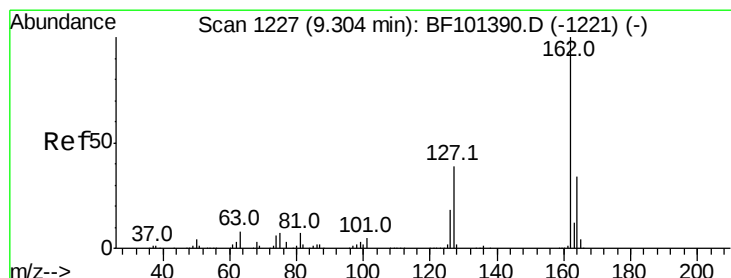
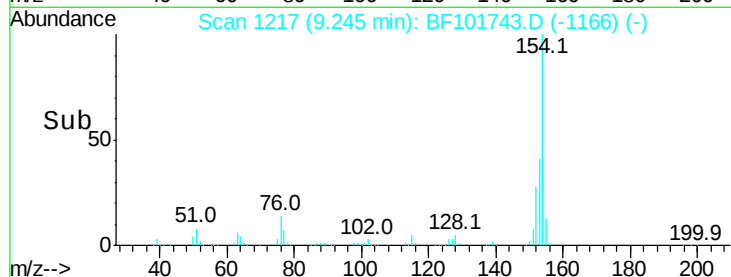
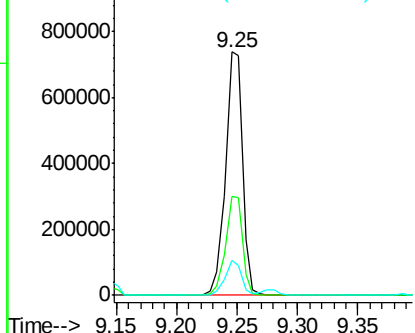
#45
 1,1'-Biphenyl
 Concen: 47.747 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	14.3	0.0	34.0

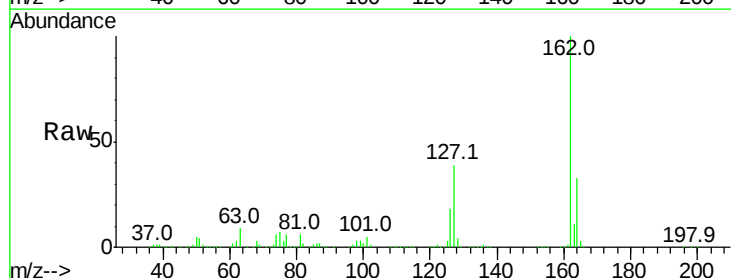


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

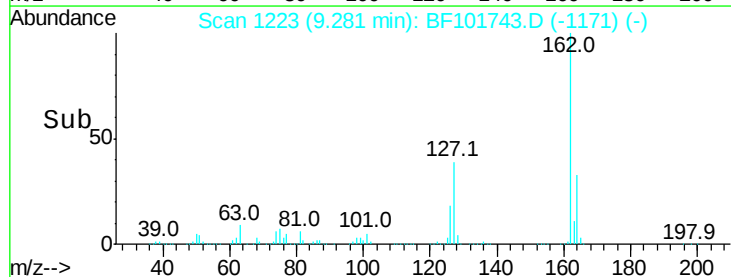
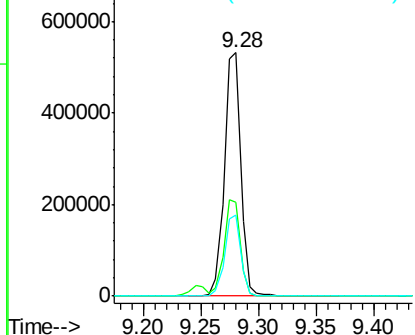


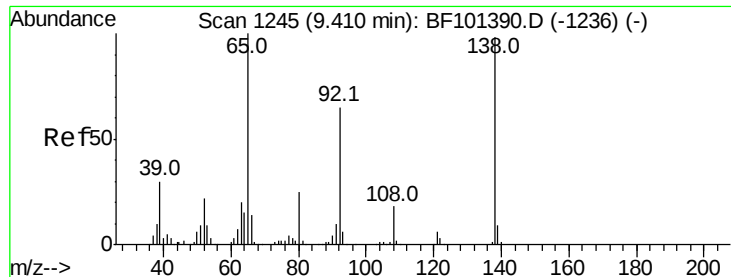
#46
 2-Chloronaphthalene
 Concen: 45.372 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	33.9	50.9
164	33.1	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: 45.765 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

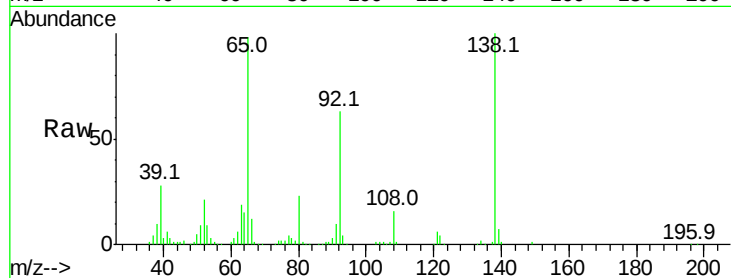
Tot Ion: 65 Resp: 183644

Ion Ratio Lower Upper

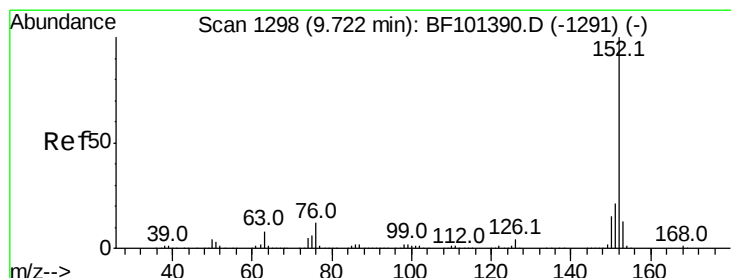
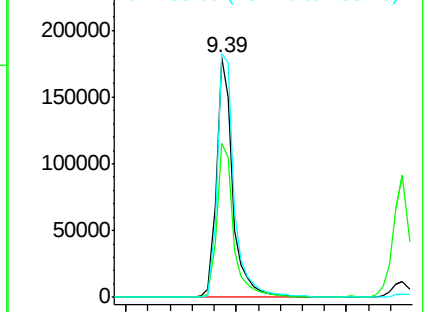
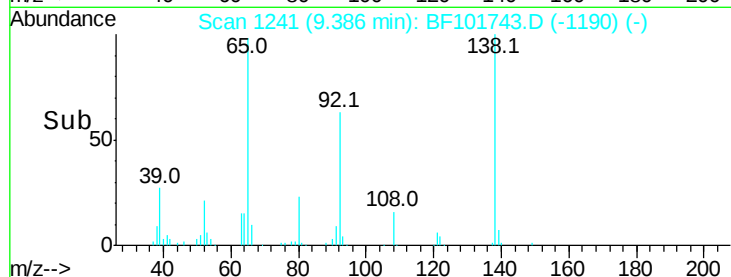
65 100

92 64.5 55.8 83.6

138 101.8 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): BF1



#48

Acenaphthylene

Concen: 41.460 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

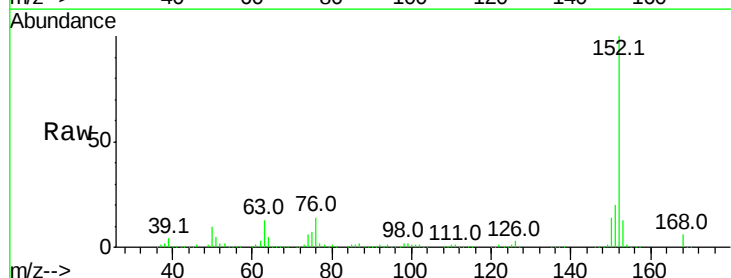
Tgt Ion: 152 Resp: 760681

Ion Ratio Lower Upper

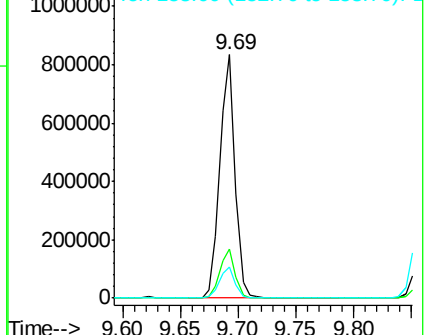
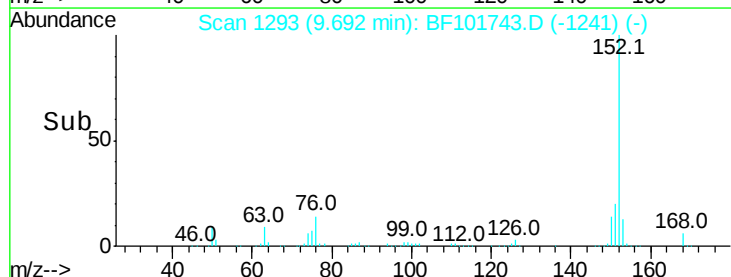
152 100

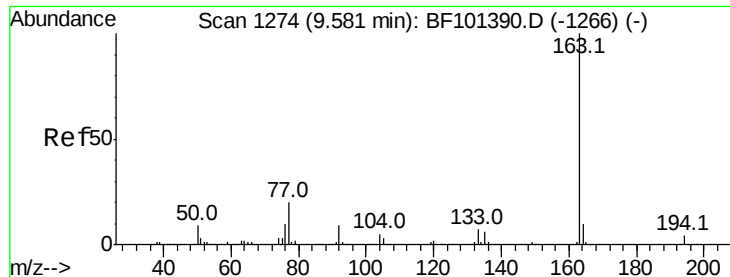
151 20.2 16.3 24.5

153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 53.450 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

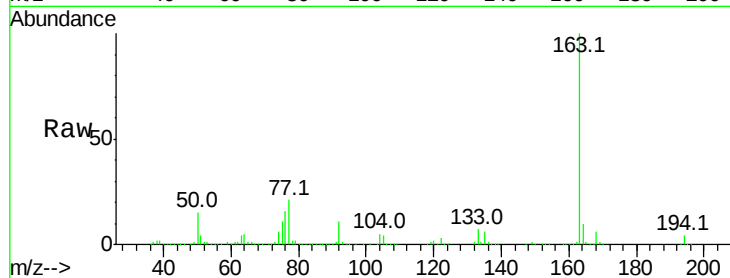
Tot Ion:163 Resp: 735961

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

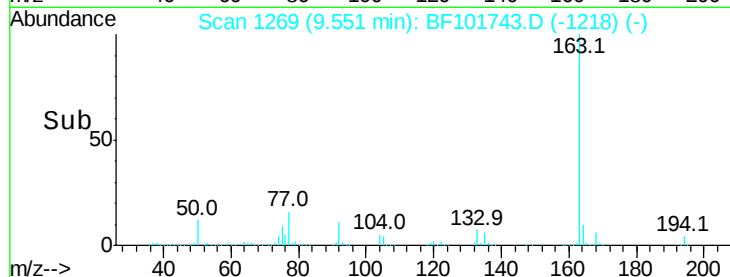
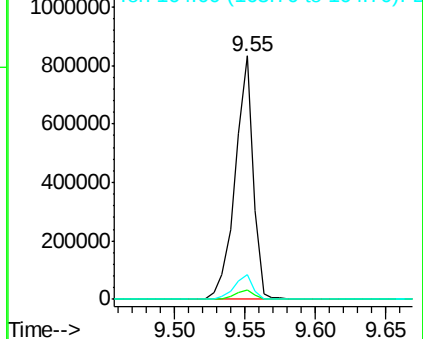
164 10.2 8.2 12.2



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: 42.850 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

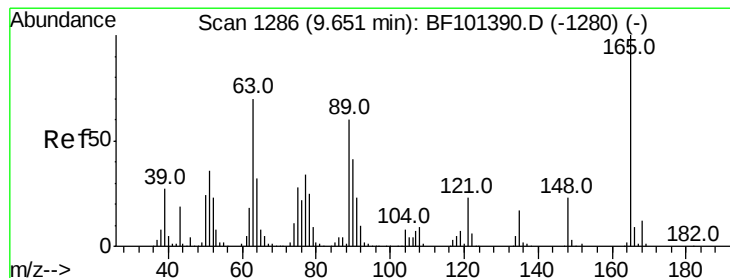
Tgt Ion:165 Resp: 119917

Ion Ratio Lower Upper

165 100

63 64.1 44.7 67.1

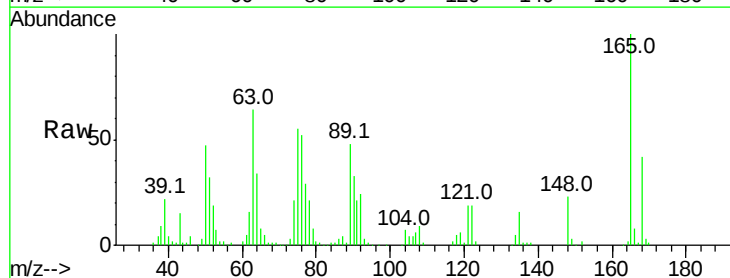
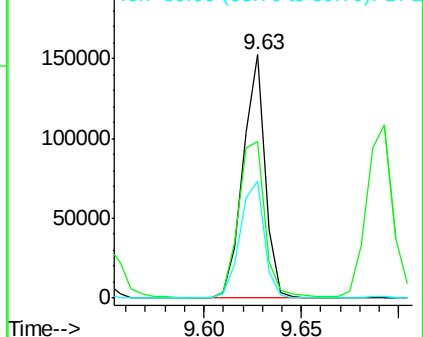
89 48.2 44.0 66.0

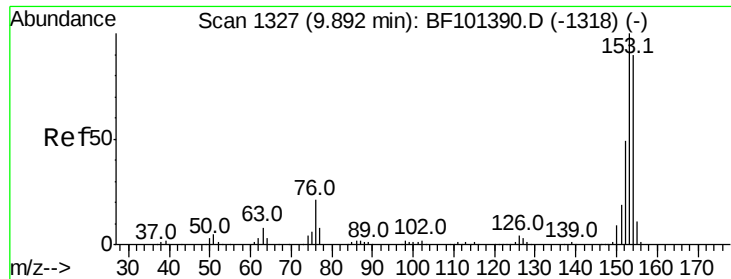


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.332 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

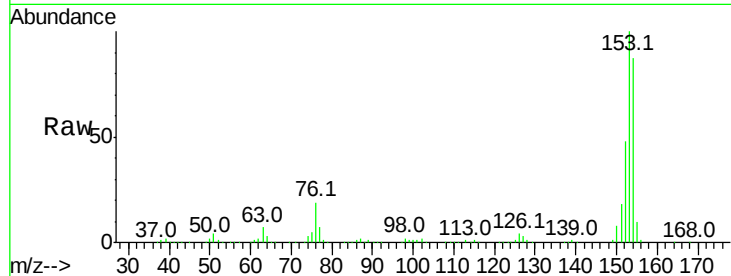
Tot Ion:154 Resp: 455605

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

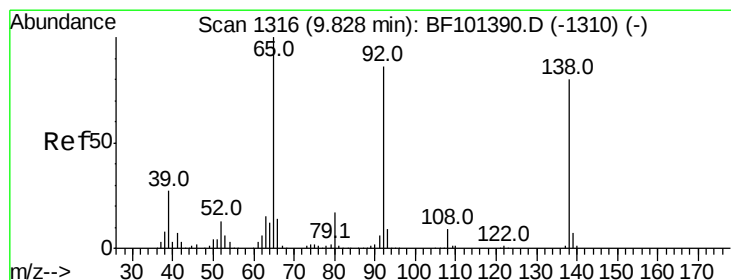
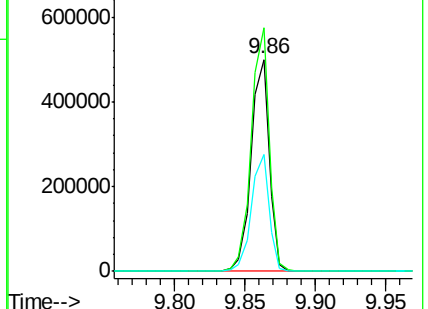
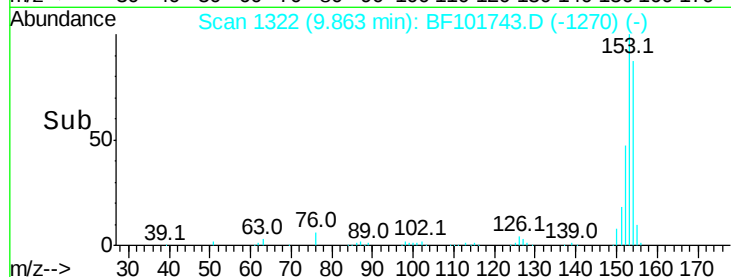
152 55.0 43.8 65.8



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: 27.327 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

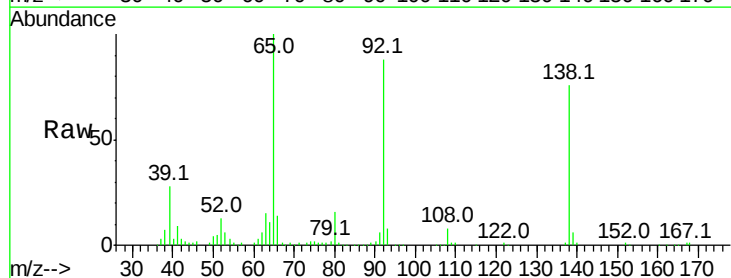
Tgt Ion:138 Resp: 95346

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

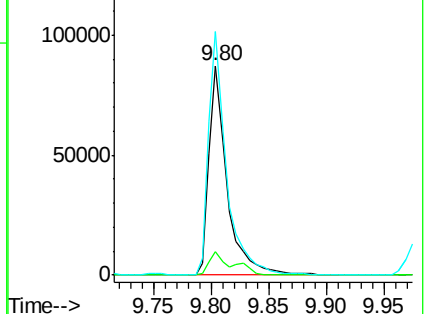
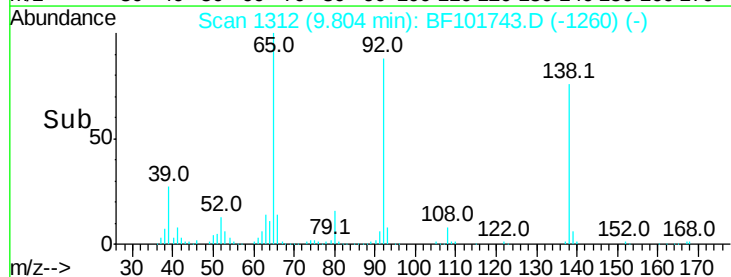
92 116.1 89.4 134.2

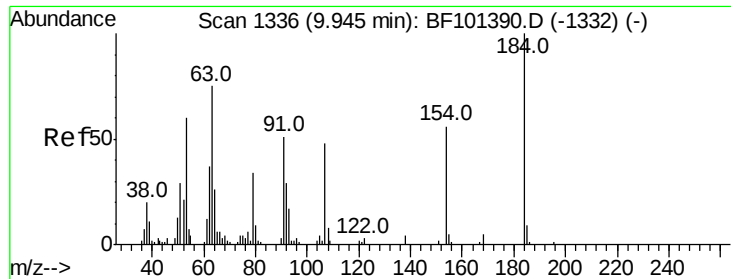


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

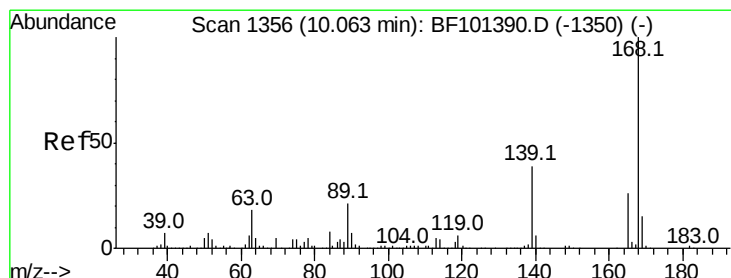
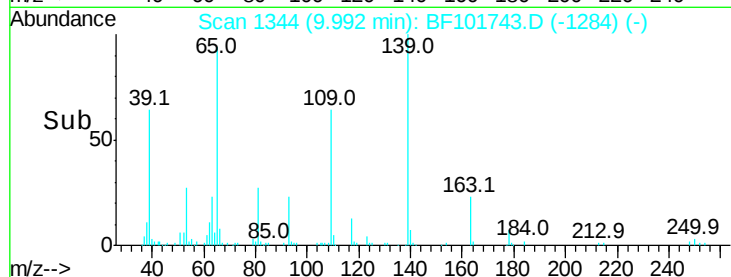
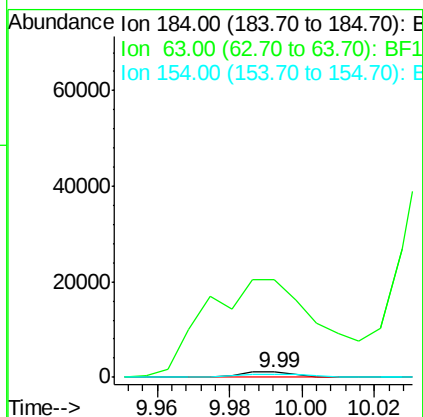
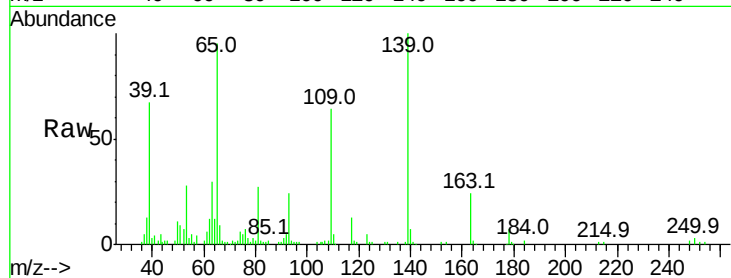




#53
 2,4-Dinitrophenol
 Concen: 11.377 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.05 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

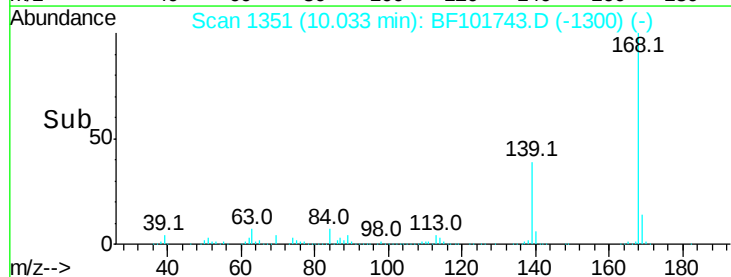
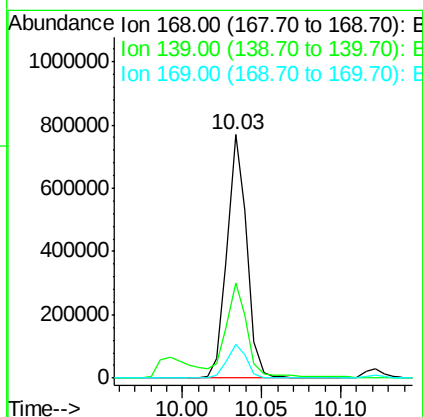
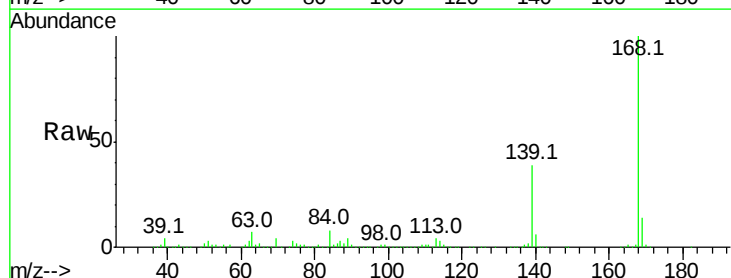
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

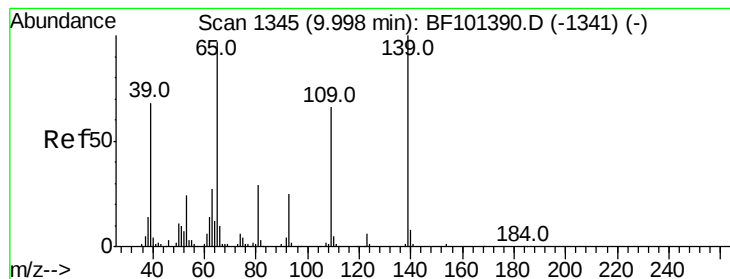
Tot Ion:184 Resp: 1183
 Ion Ratio Lower Upper
 184 100
 63 1853.3 54.2 81.2#
 154 68.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 47.192 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion:168 Resp: 661085
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.1 45.1
 169 14.1 10.9 16.3





#55

4-Nitrophenol

Concen: 68.169 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

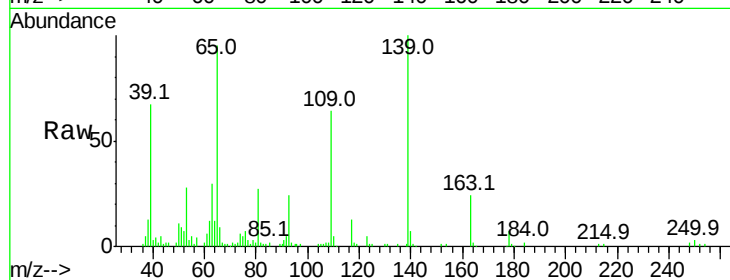
Tot Ion:139 Resp: 103711

Ion Ratio Lower Upper

139 100

109 64.1 48.4 88.4

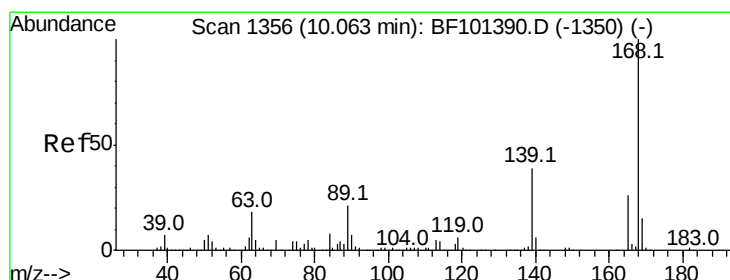
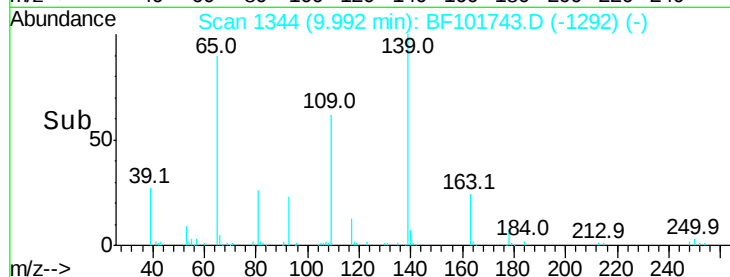
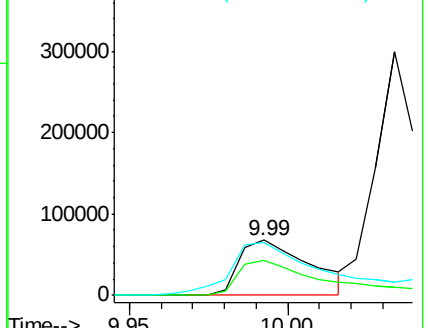
65 94.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 46.383 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Tgt Ion:165 Resp: 146246

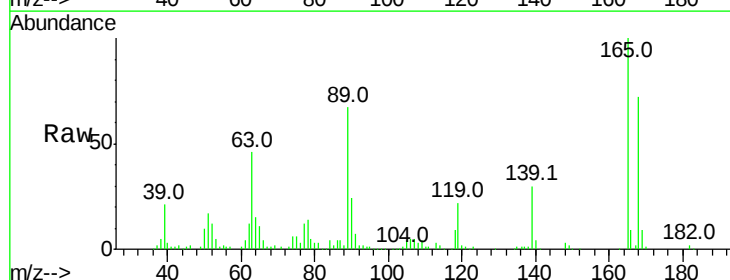
Ion Ratio Lower Upper

165 100

63 46.0 36.4 54.6

89 67.1 57.8 86.6

182 2.4 1.6 2.4#

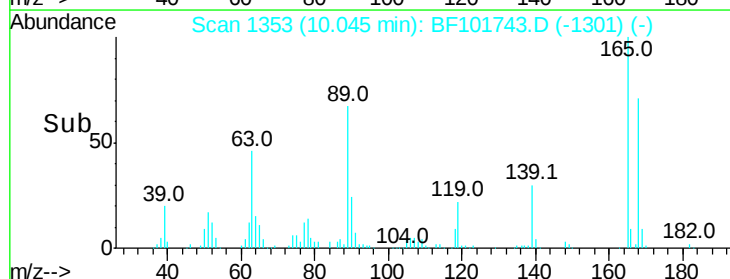
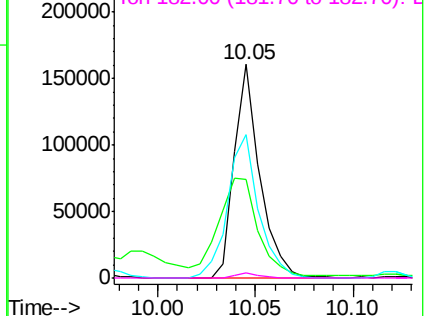


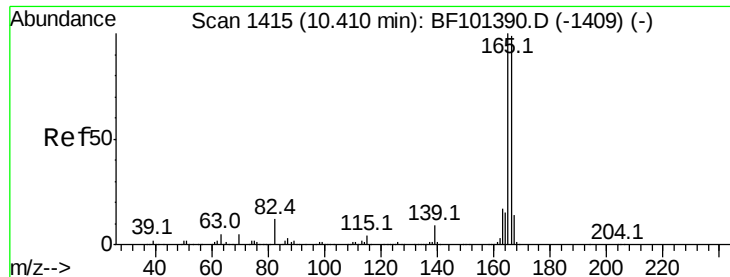
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.806 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

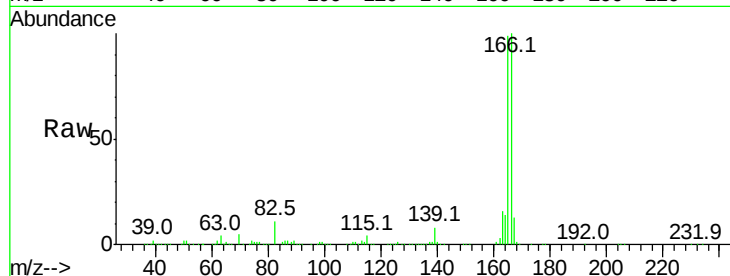
Tot Ion:166 Resp: 507265

Ion Ratio Lower Upper

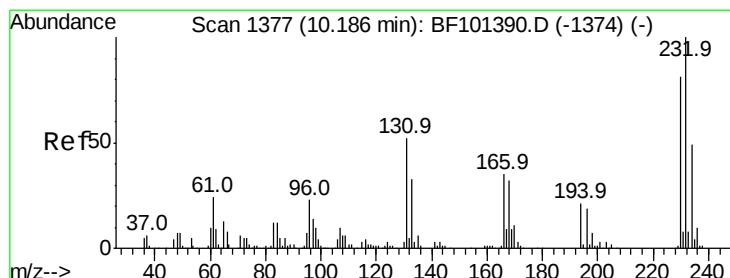
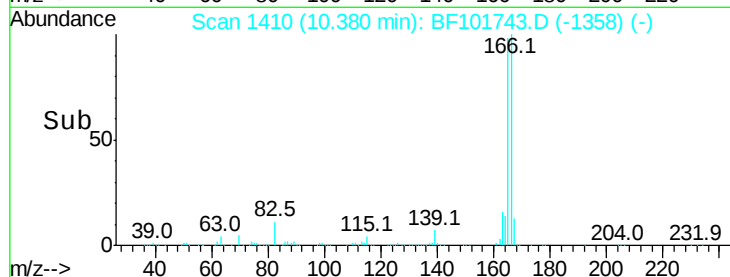
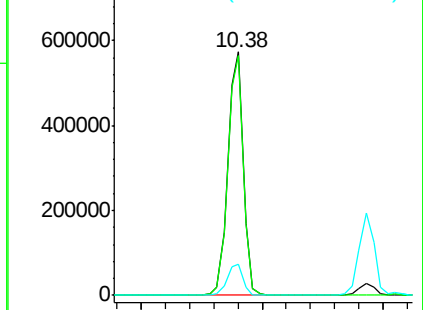
166 100

165 98.5 79.8 119.8

167 12.9 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.662 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Tgt Ion:232 Resp: 127722

Ion Ratio Lower Upper

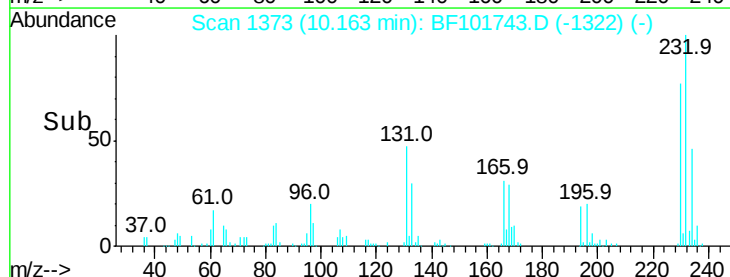
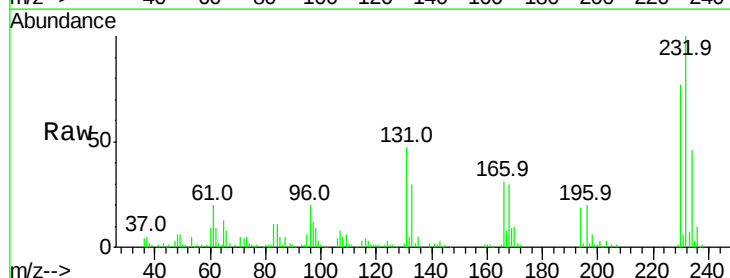
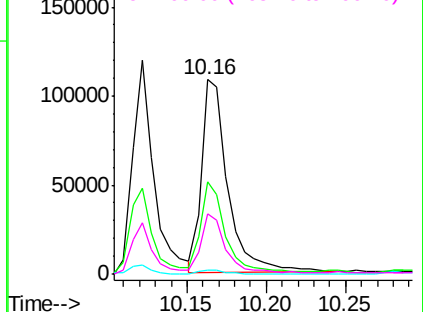
232 100

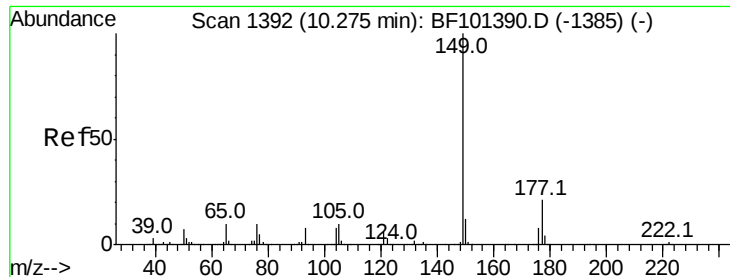
131 44.3 43.8 65.8

130 2.0 2.1 3.1#

166 28.8 27.8 41.6

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

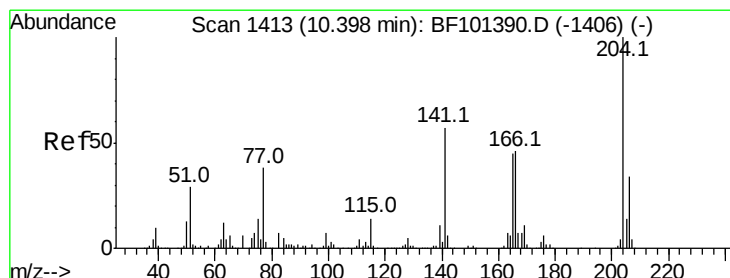
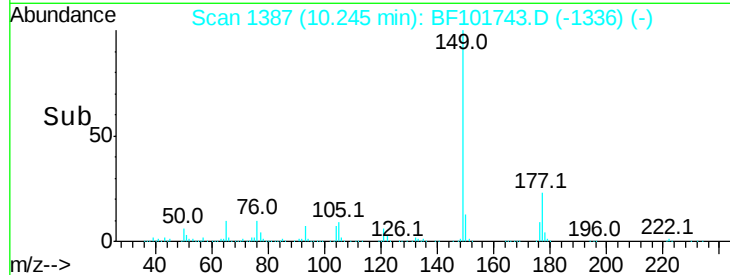
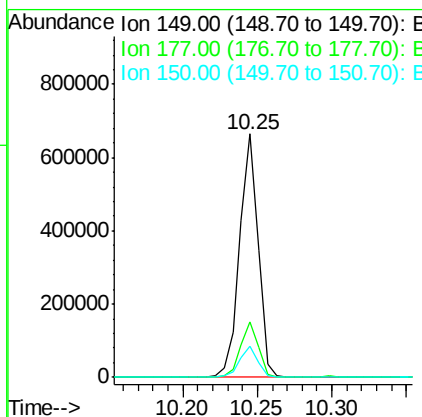
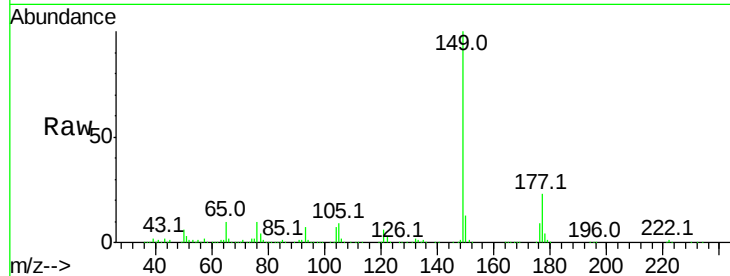




#59
 Diethylphthalate
 Concen: 42.614 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

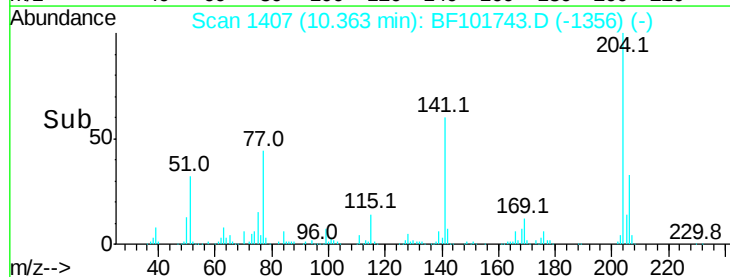
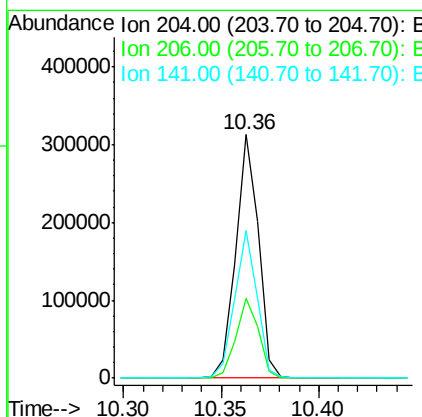
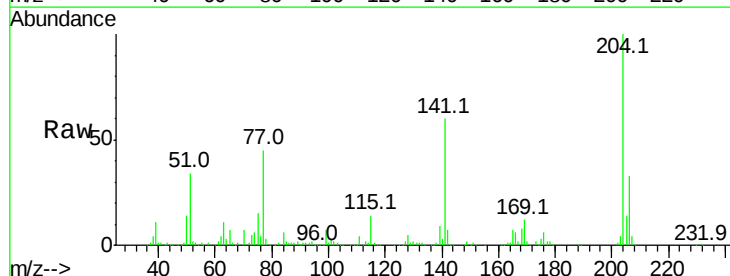
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

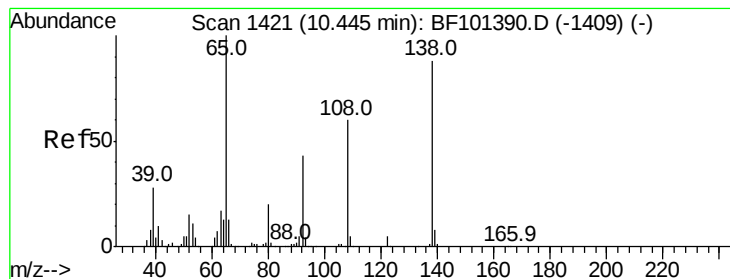
Tot Ion:	149	Resp:	581063
Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	12.6	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 44.407 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion:	204	Resp:	252204
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	60.4	54.6	81.8





#61

4-Nitroaniline

Concen: 36.143 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

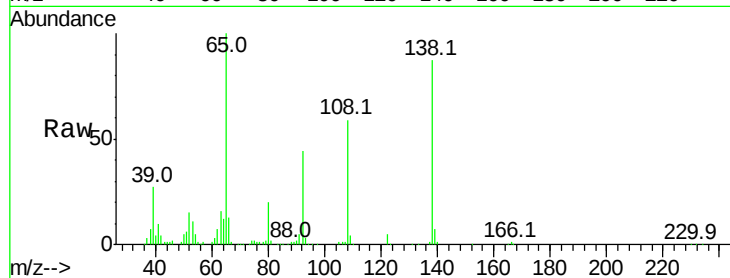
Tot Ion:138 Resp: 126753

Ion Ratio Lower Upper

138 100

92 50.9 30.2 70.2

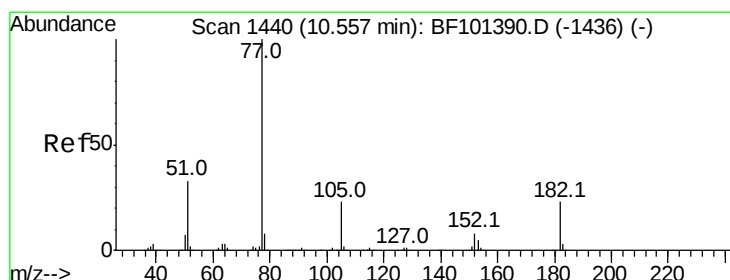
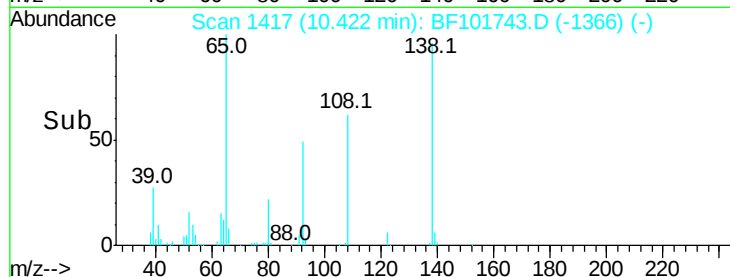
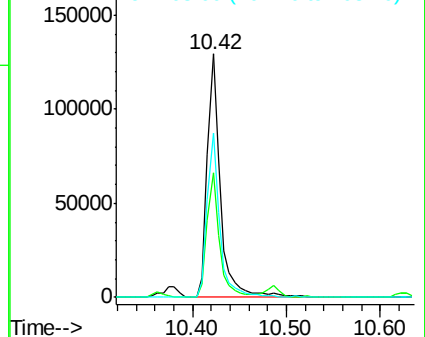
108 67.5 52.5 92.5



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: 38.096 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Tgt Ion: 77 Resp: 538107

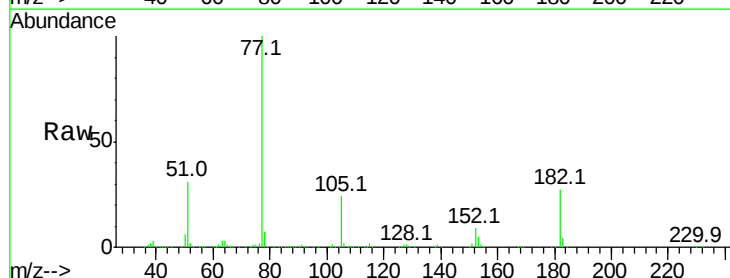
Ion Ratio Lower Upper

77 100

182 26.9 1.7 41.7

105 23.8 3.0 43.0

51 30.8 9.9 49.9

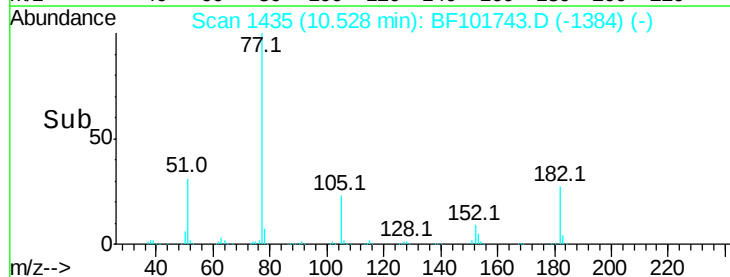
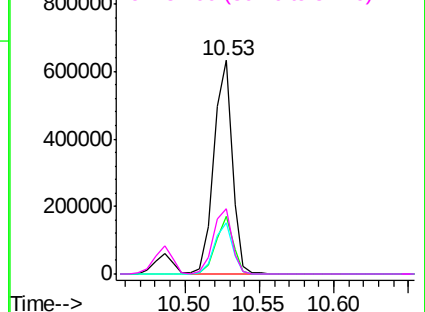


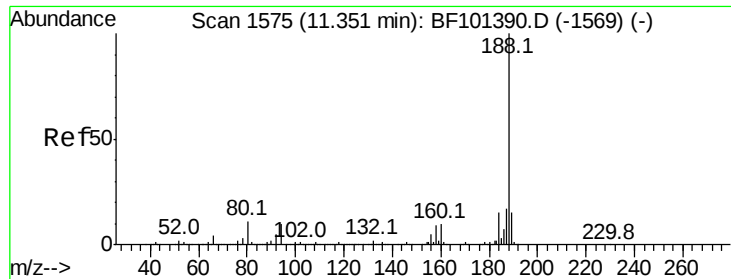
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

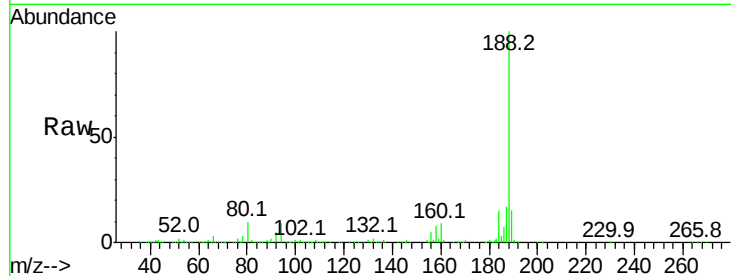
Tot Ion:188 Resp: 291622

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

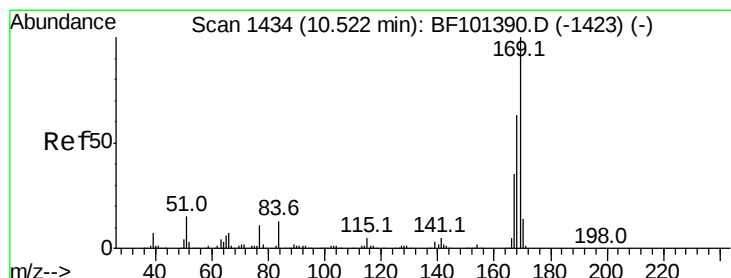
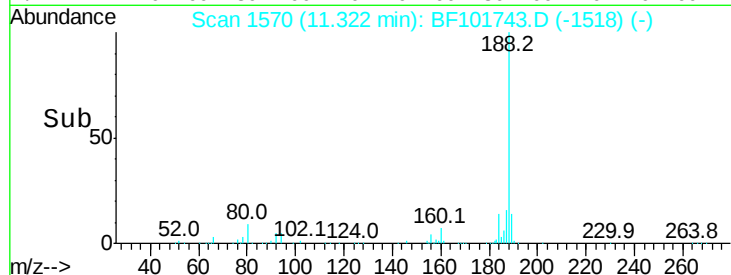
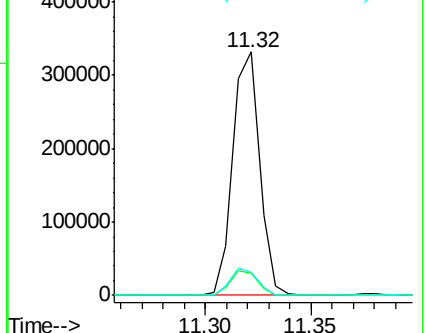
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 43.406 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

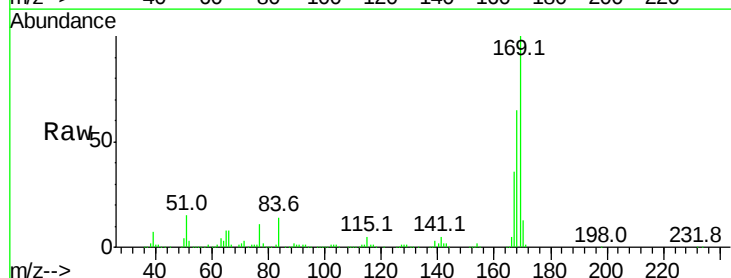
Tgt Ion:169 Resp: 467400

Ion Ratio Lower Upper

169 100

168 64.8 54.4 81.6

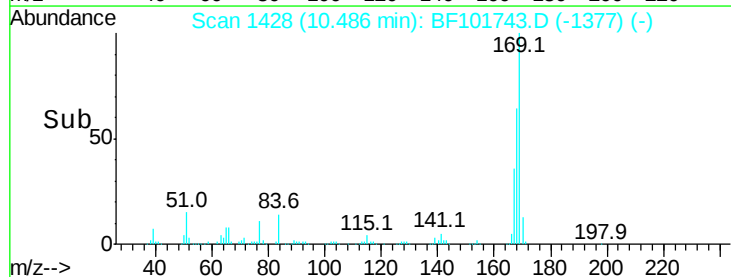
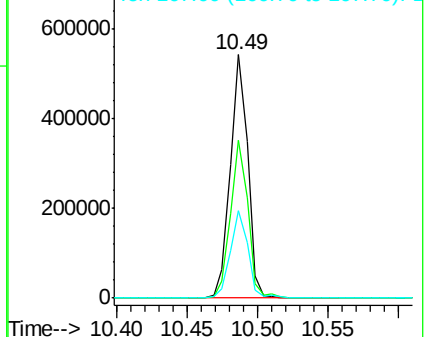
167 35.8 29.8 44.6

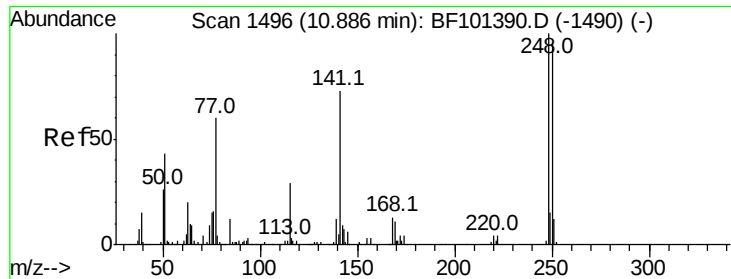


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

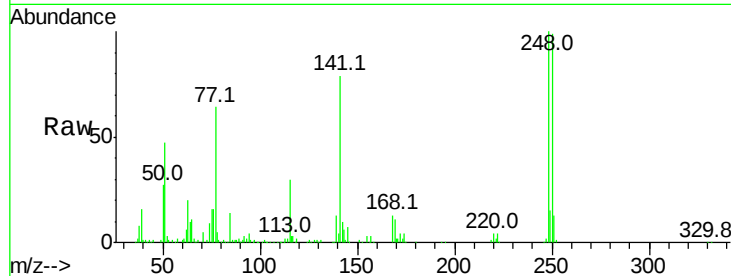




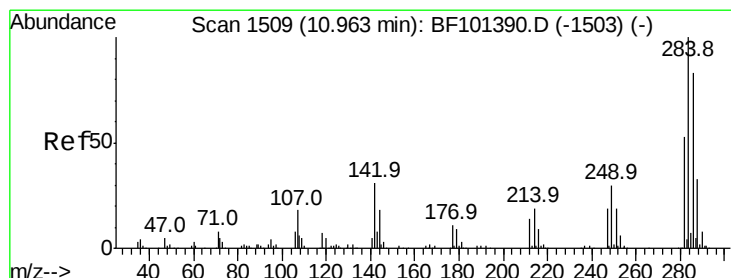
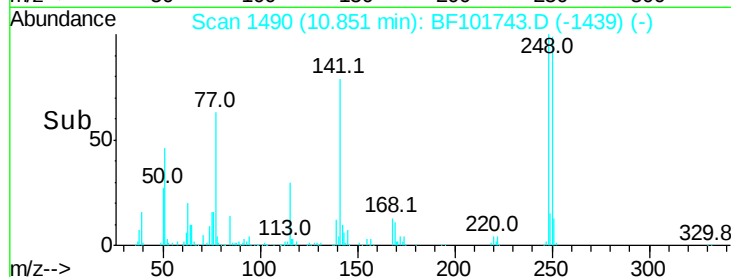
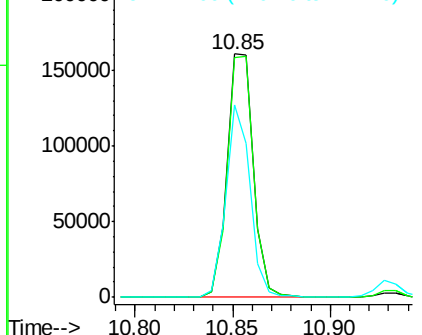
#66
4-Bromophenyl-phenylether
Concen: 45.953 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

Tot Ion:248 Resp: 150575
Ion Ratio Lower Upper
248 100
250 98.5 76.9 115.3
141 79.1 74.4 111.6

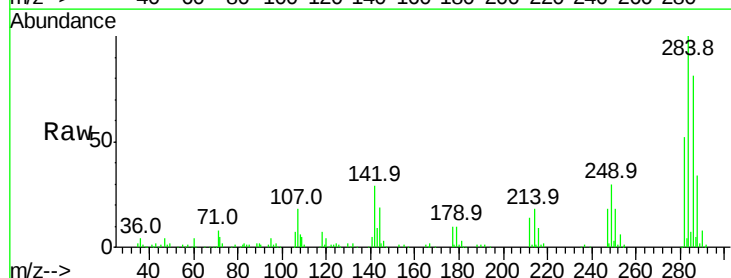


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

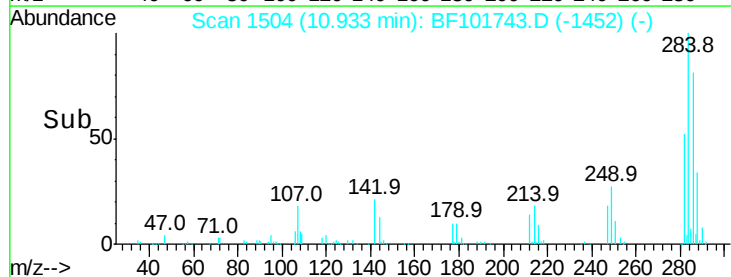
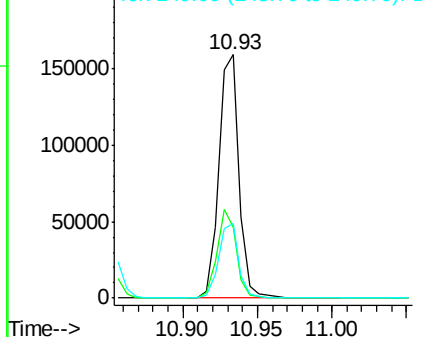


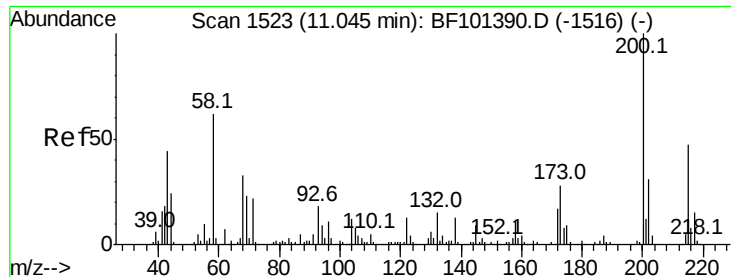
#67
Hexachlorobenzene
Concen: 43.455 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion:284 Resp: 150701
Ion Ratio Lower Upper
284 100
142 29.3 34.6 52.0#
249 30.4 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

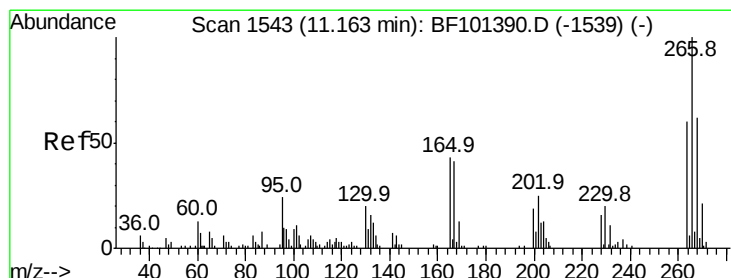
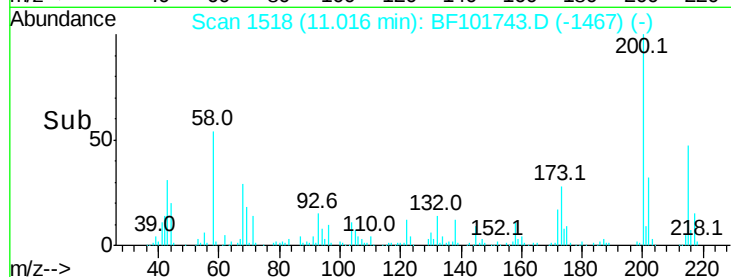
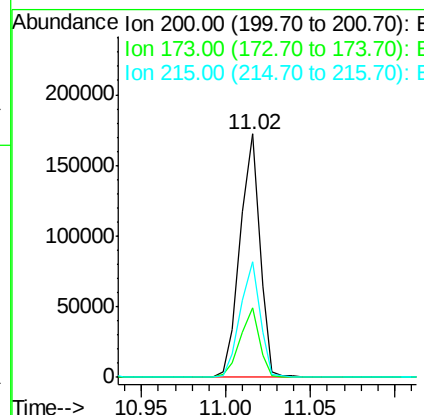
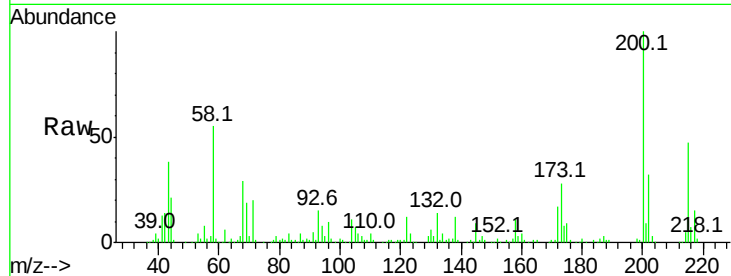




#68
Atrazine
Concen: 44.063 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

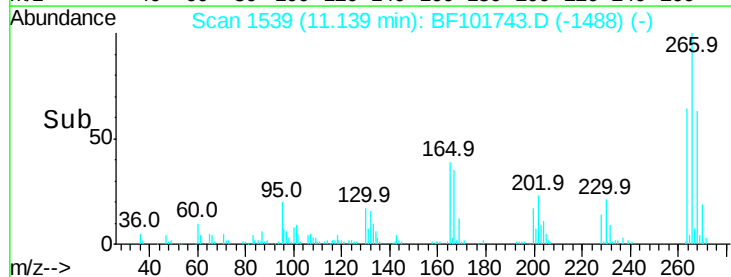
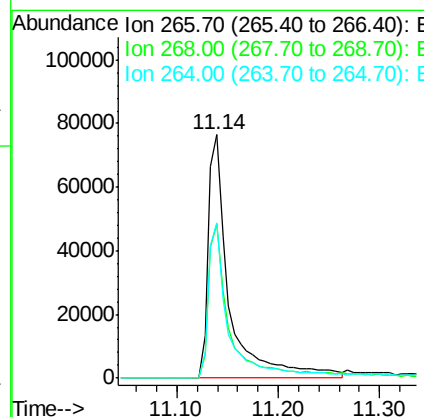
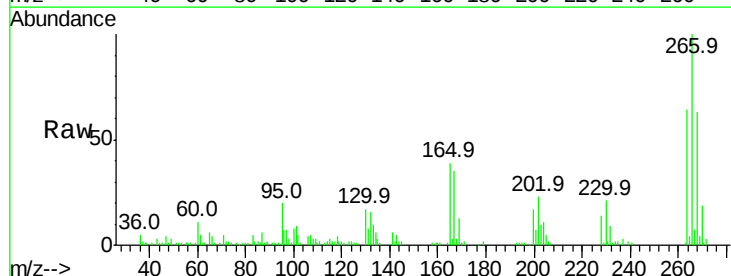
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

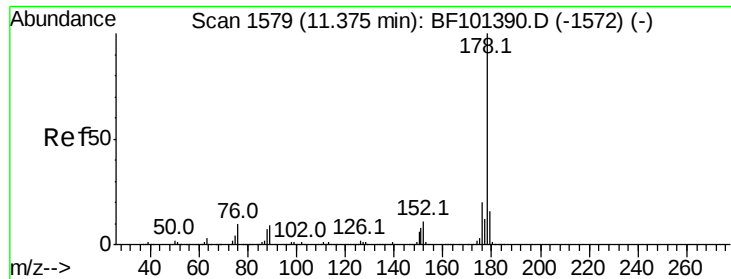
Tot Ion:200 Resp: 141474
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 47.3 25.1 65.1



#69
Pentachlorophenol
Concen: 82.007 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion:266 Resp: 110838
Ion Ratio Lower Upper
266 100
268 63.3 51.1 76.7
264 63.7 49.5 74.3

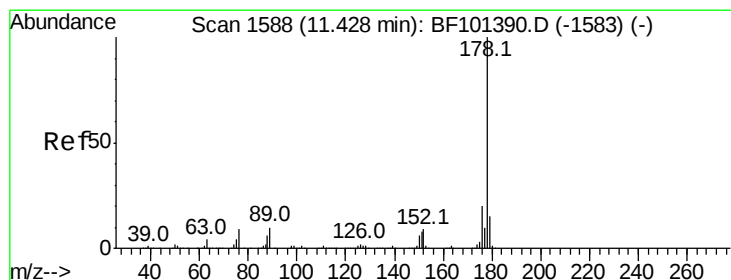
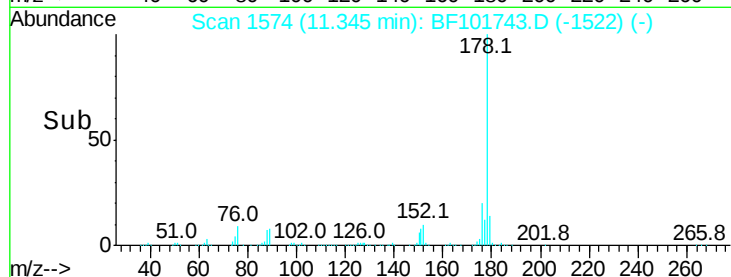
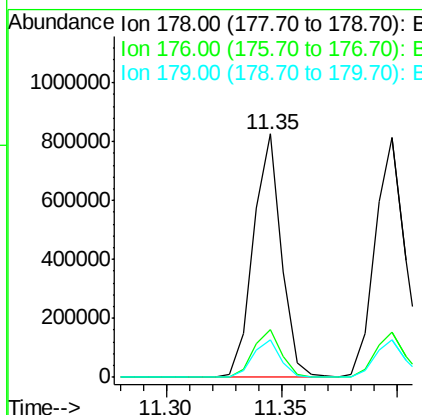
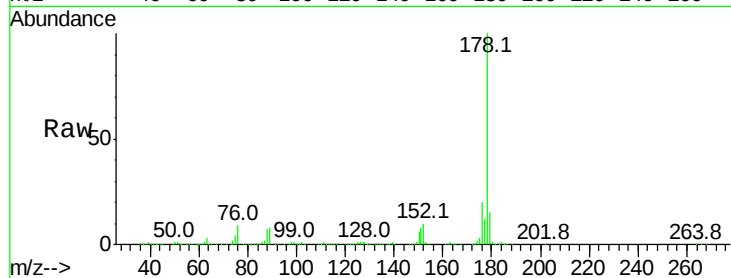




#70
Phenanthrene
Concen: 43.171 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

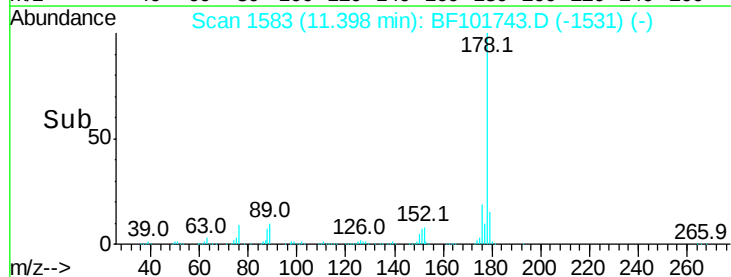
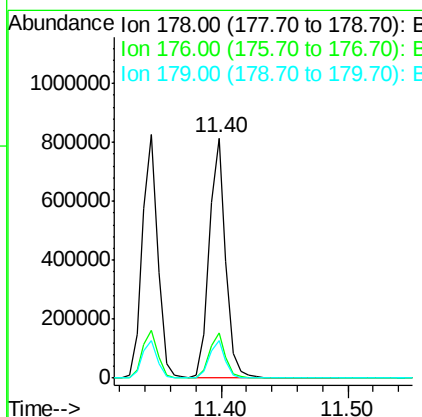
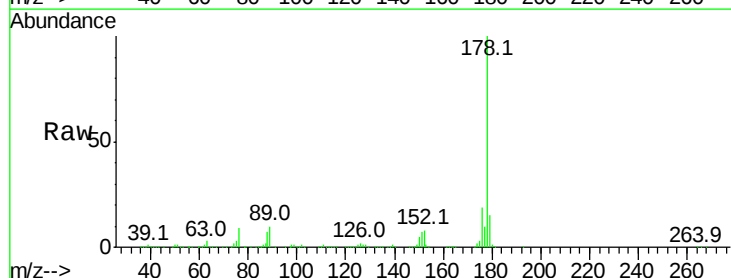
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

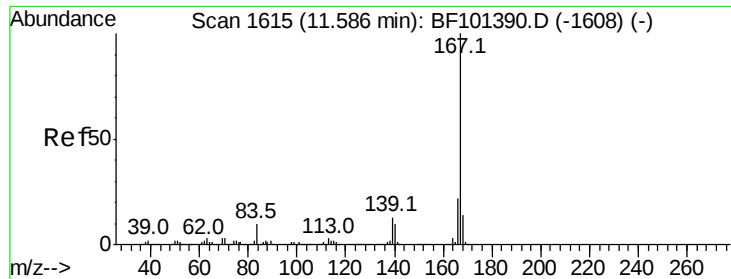
Tot Ion:178 Resp: 700130
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.2 13.0 19.6



#71
Anthracene
Concen: 44.799 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion:178 Resp: 742138
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.5 12.6 19.0





#72

Carbazole

Concen: 45.001 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

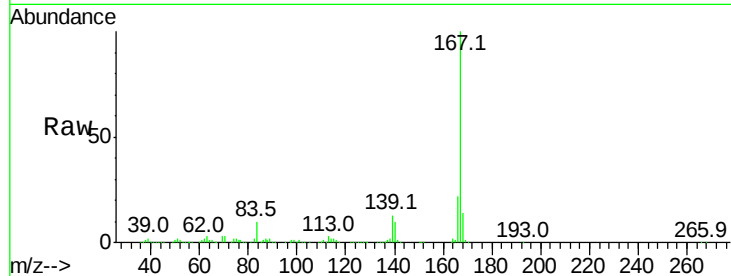
Tot Ion:167 Resp: 697958

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

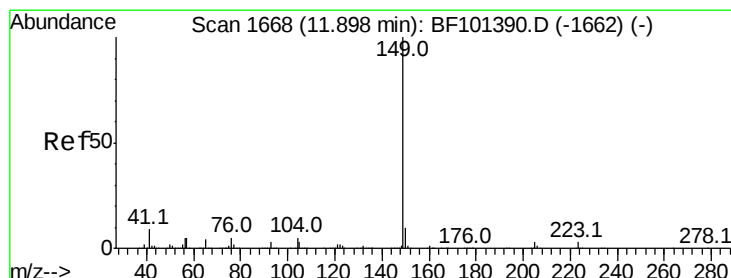
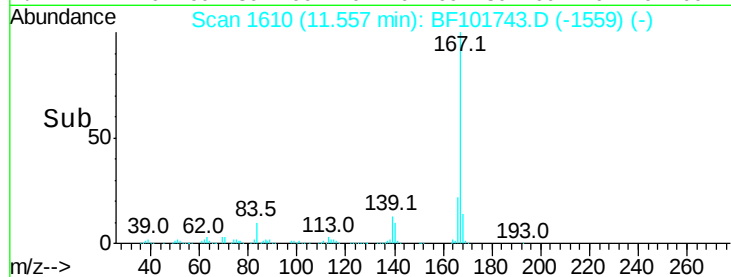
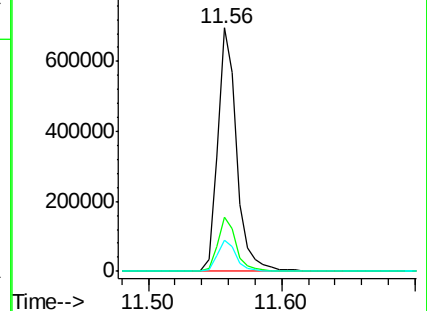
139 13.1 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 44.292 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

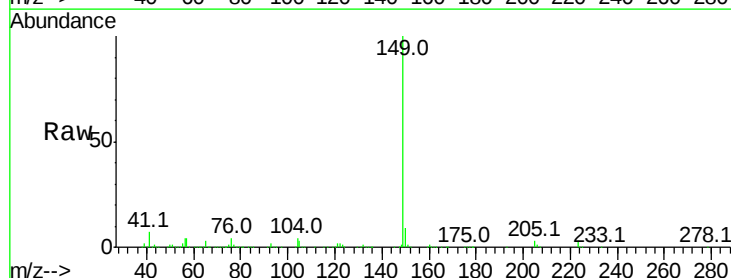
Tgt Ion:149 Resp: 833783

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

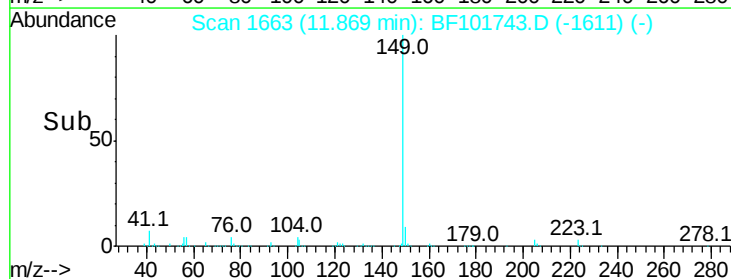
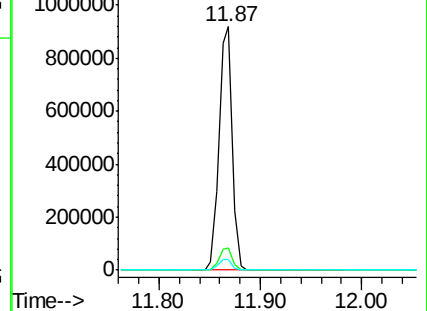
104 4.4 3.8 5.8

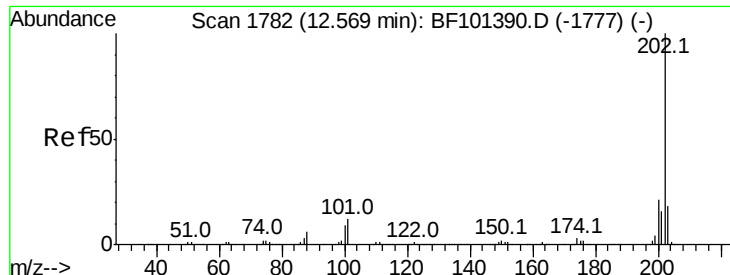


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

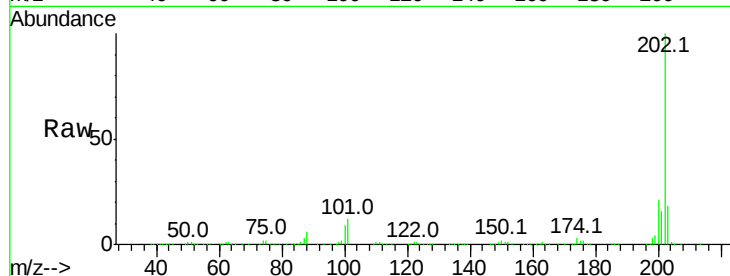




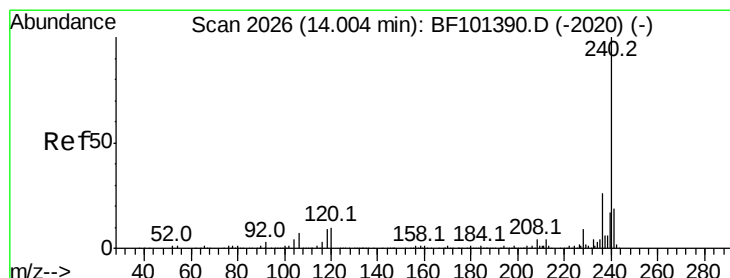
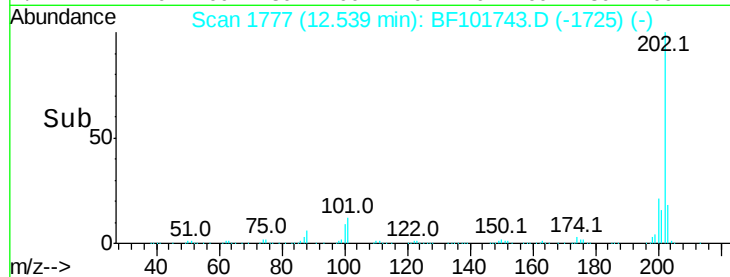
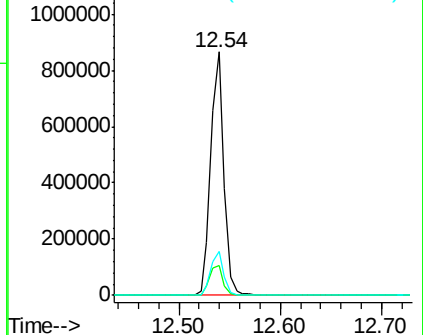
#74
Fluoranthene
Concen: 45.866 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

Tot Ion:202 Resp: 780756
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.1
203 18.1 0.0 38.1

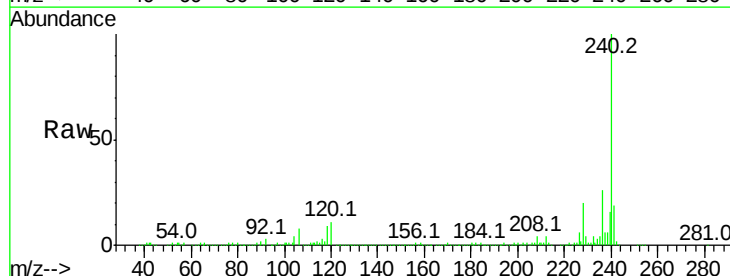


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

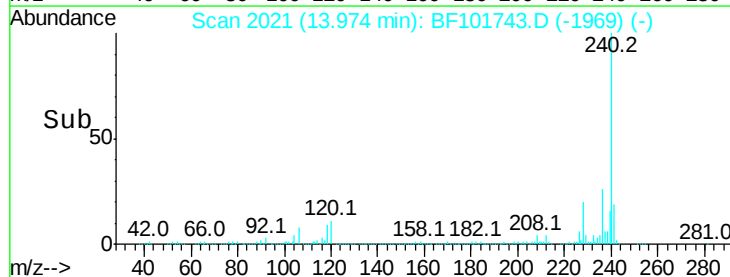
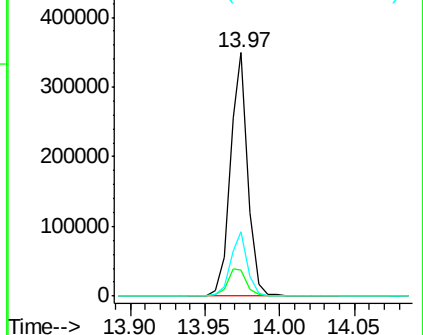


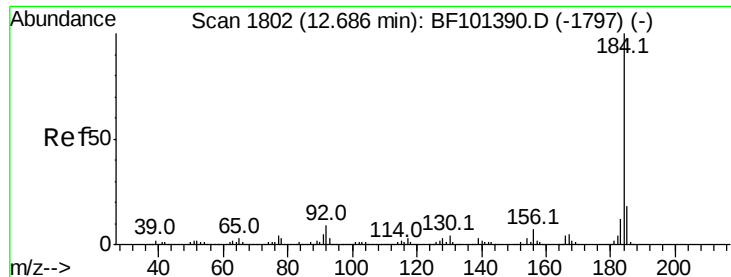
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion:240 Resp: 288365
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

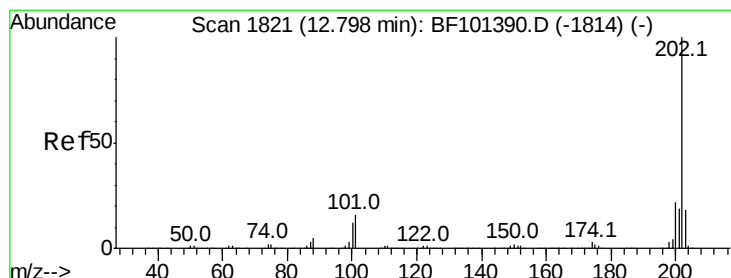
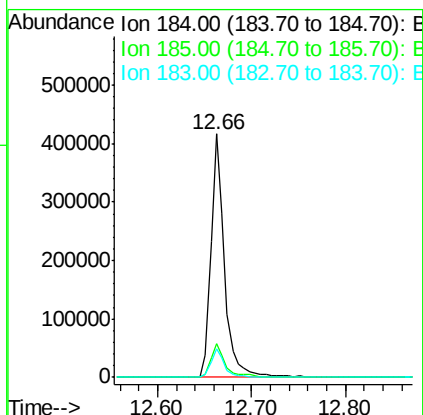
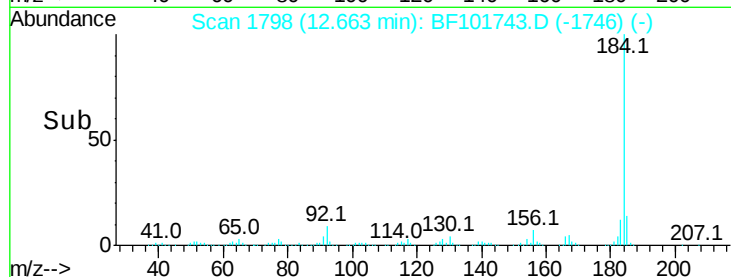
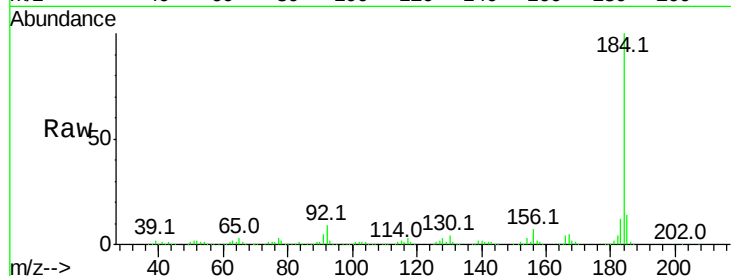




#76
Benzidine
Concen: 35.113 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

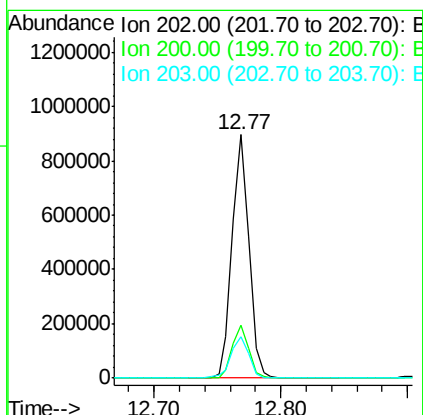
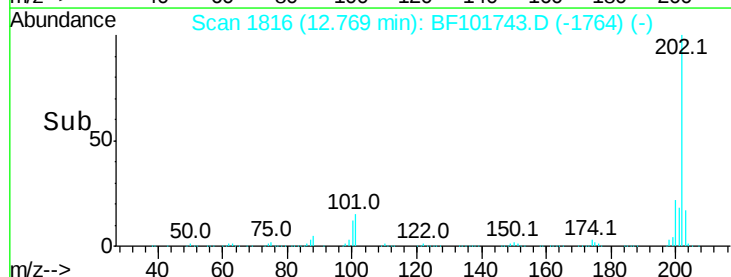
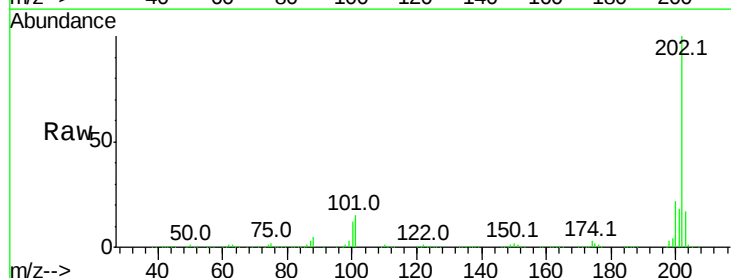
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

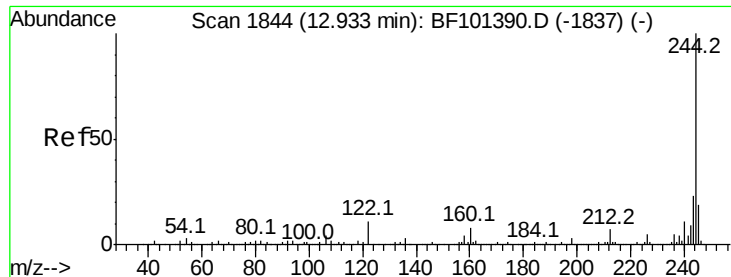
Tot Ion:184 Resp: 427648
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 11.7 9.3 13.9



#77
Pyrene
Concen: 37.865 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion:202 Resp: 819472
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.1 14.3 21.5





#78

Terphenyl-d14

Concen: 96.124 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

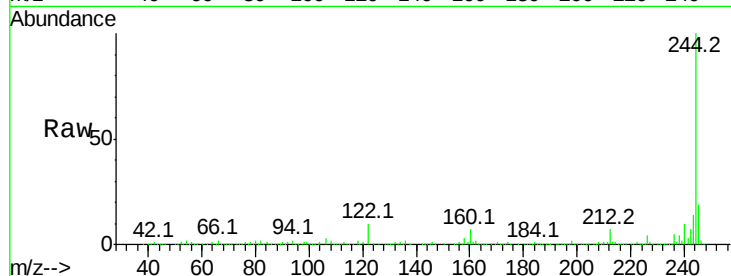
Tot Ion:244 Resp: 1149787

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

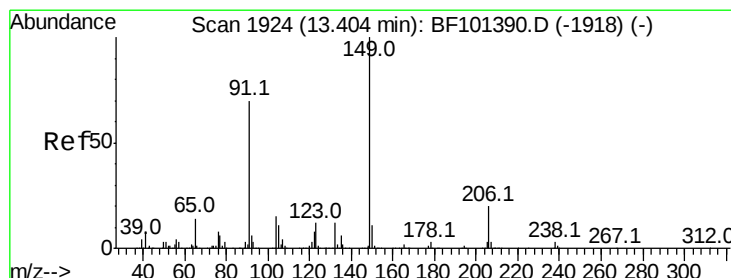
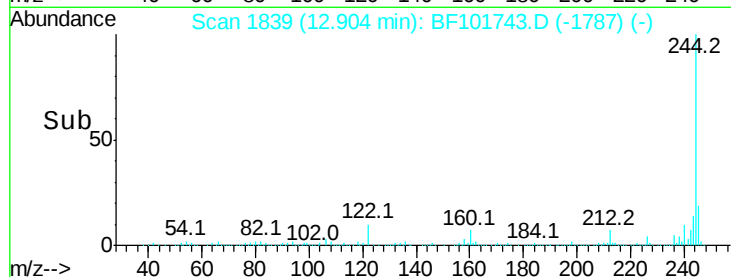
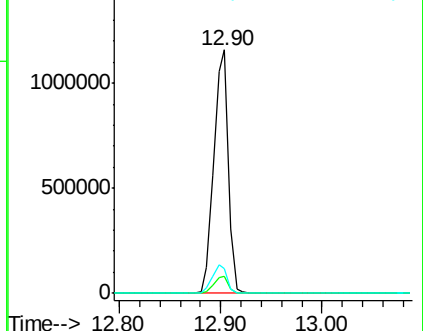
122 10.3 11.0 16.4#



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: 38.616 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

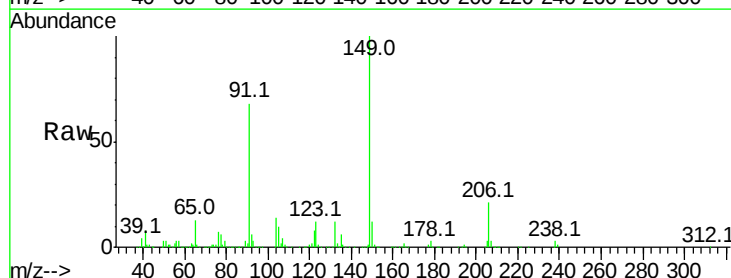
Tgt Ion:149 Resp: 378139

Ion Ratio Lower Upper

149 100

91 67.7 56.8 85.2

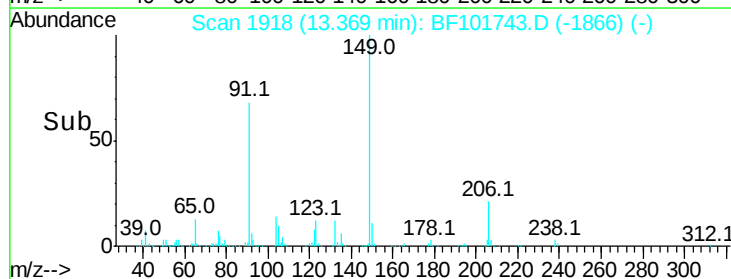
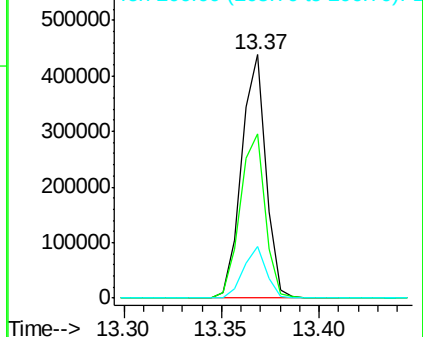
206 21.1 14.1 21.1

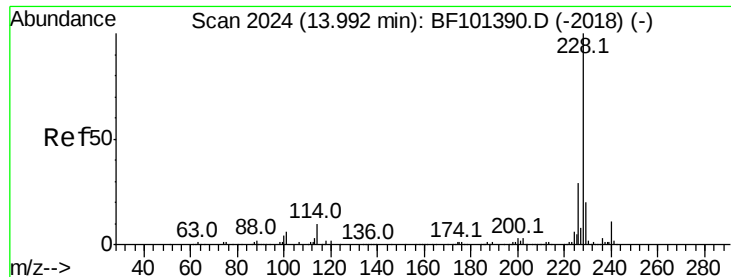


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.826 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

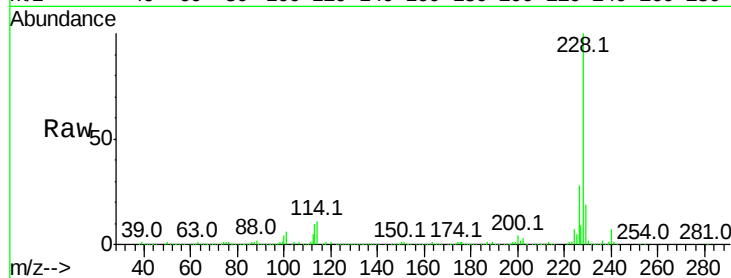
Tot Ion:228 Resp: 796422

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

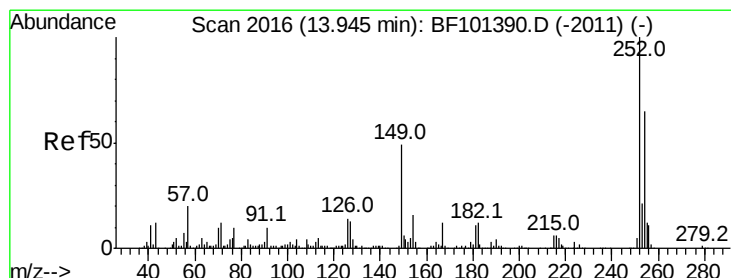
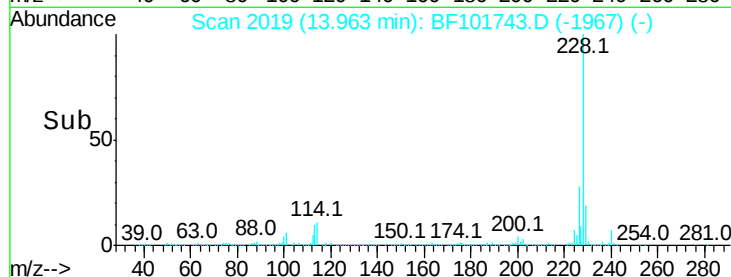
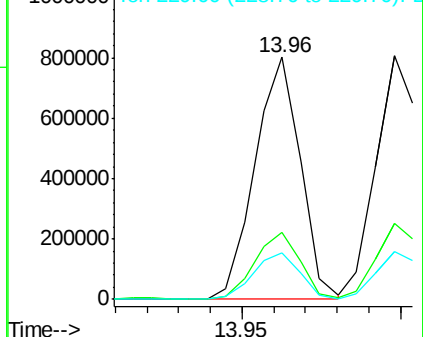
229 19.2 15.8 23.6



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: 38.269 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

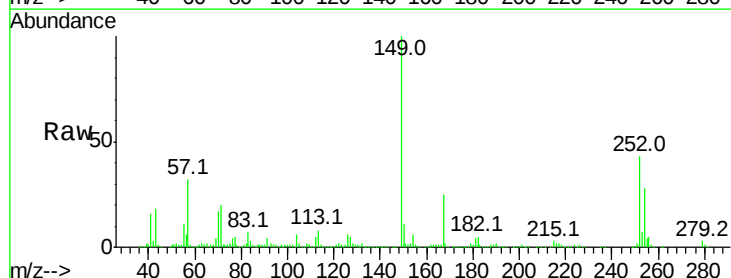
Tgt Ion:252 Resp: 237603

Ion Ratio Lower Upper

252 100

254 64.6 50.4 75.6

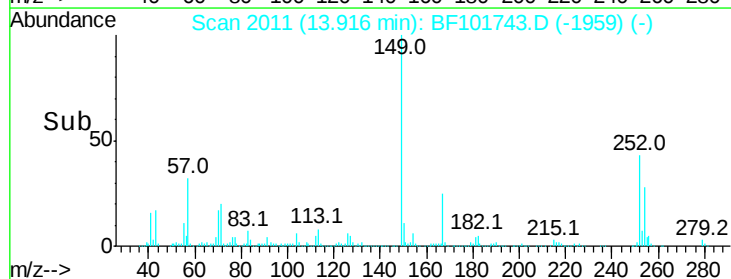
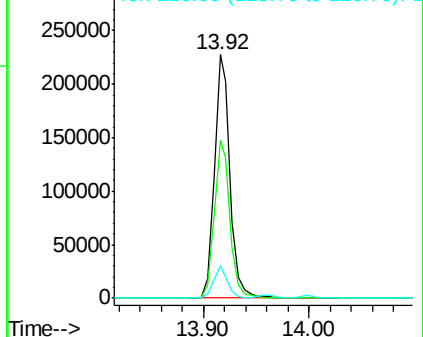
126 13.1 11.3 16.9

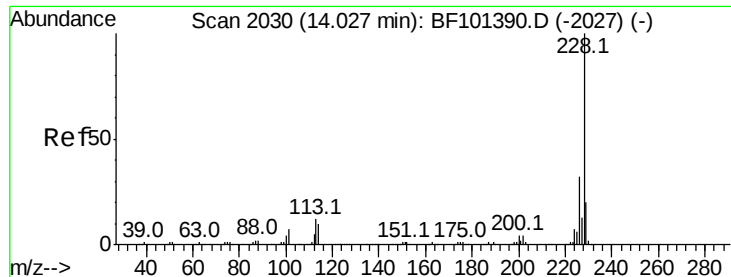


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

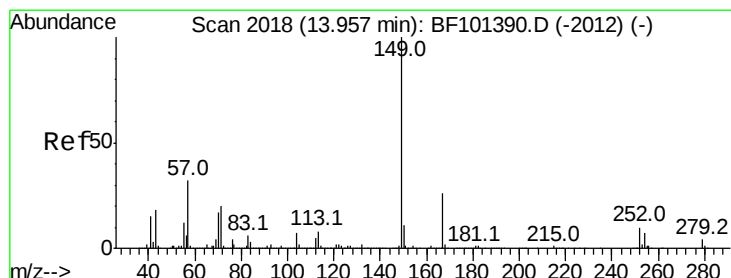
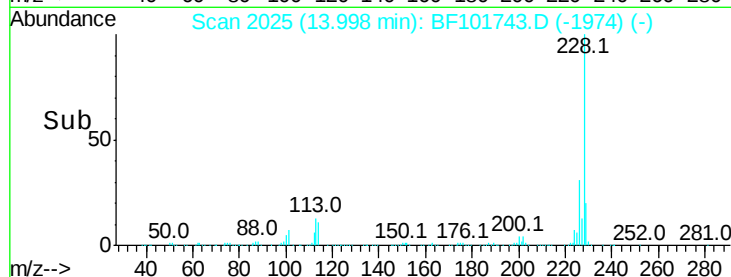
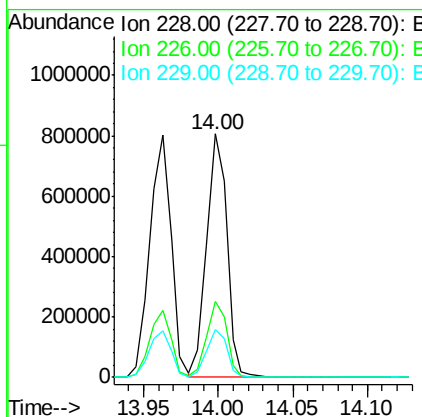
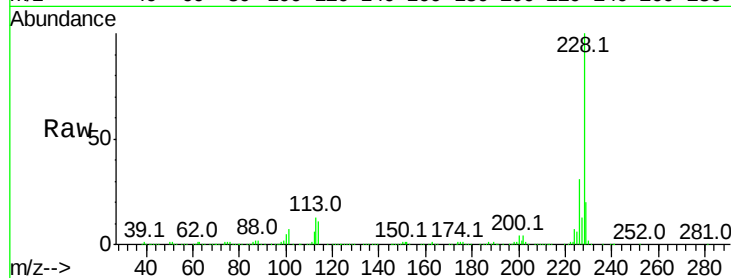




#82
 Chrysene
 Concen: 42.129 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

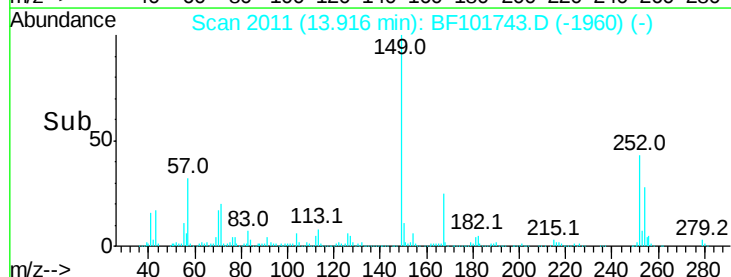
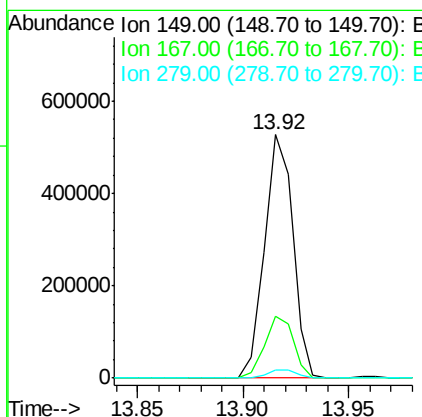
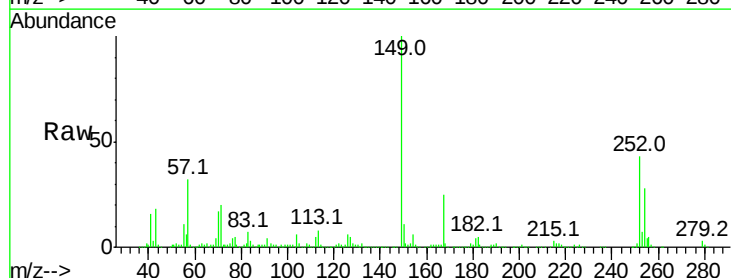
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(90-92)MS

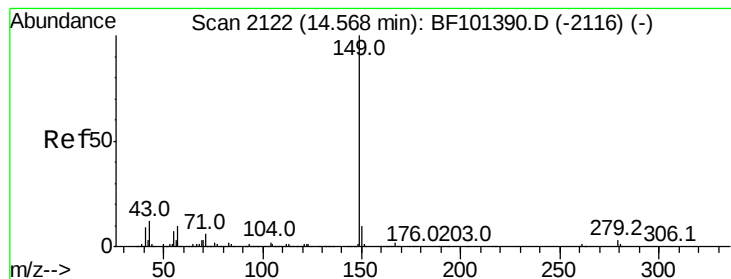
Tot Ion:228 Resp: 757409
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 19.7 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.015 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF101743.D
 Acq: 27 Dec 2017 4:40

Tgt Ion:149 Resp: 496317
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.3 31.9
 279 3.2 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 43.850 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(90-92)MS

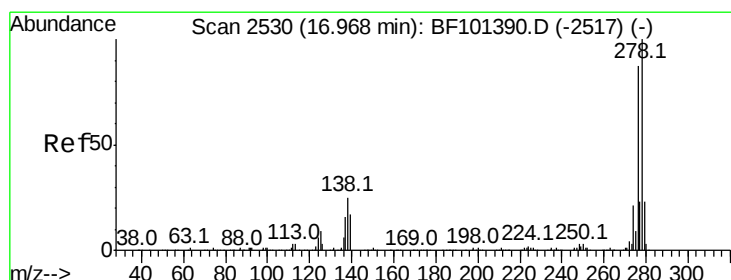
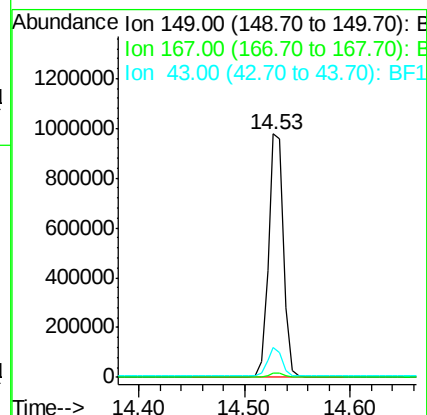
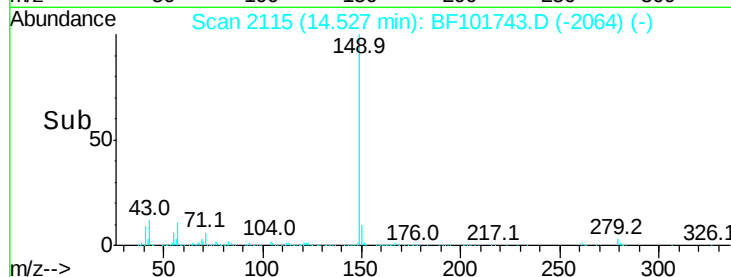
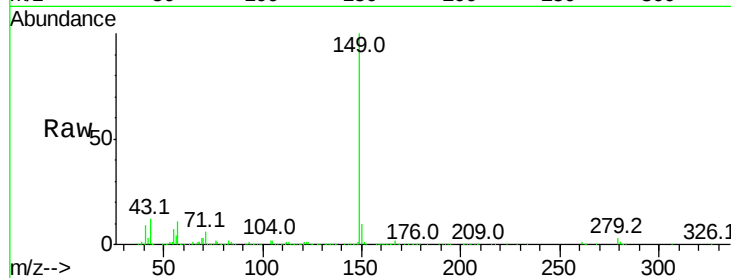
Tot Ion:149 Resp: 969947

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.3 8.4 12.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.524 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF101743.D

Acq: 27 Dec 2017 4:40

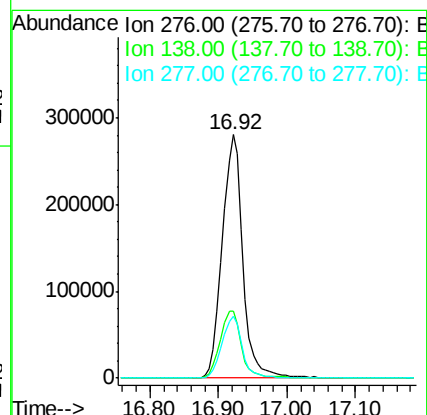
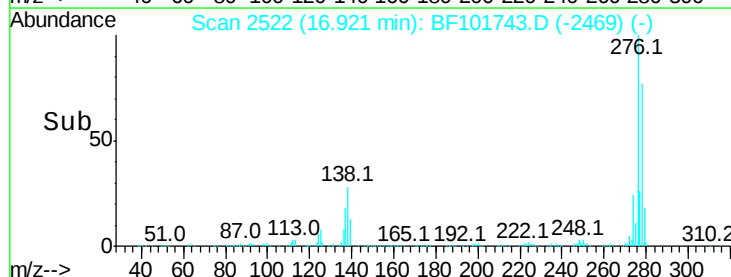
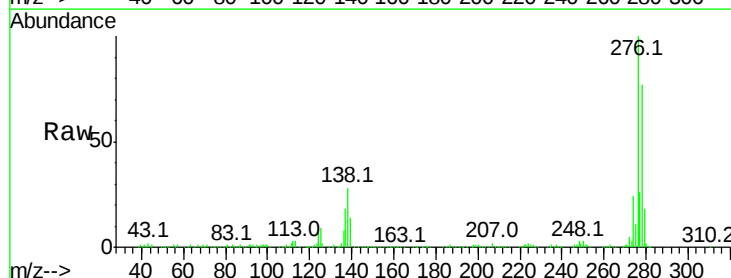
Tgt Ion:276 Resp: 584745

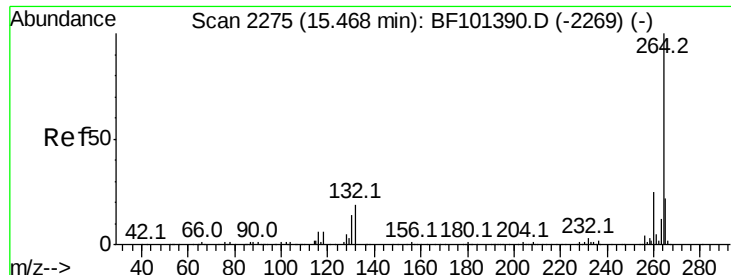
Ion Ratio Lower Upper

276 100

138 28.4 25.0 37.6

277 25.3 20.1 30.1

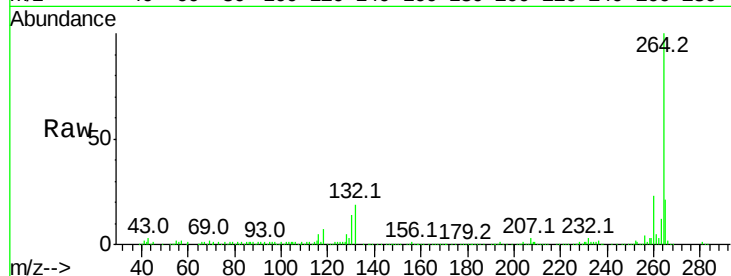




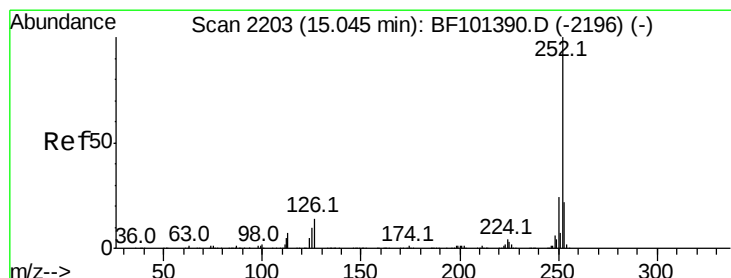
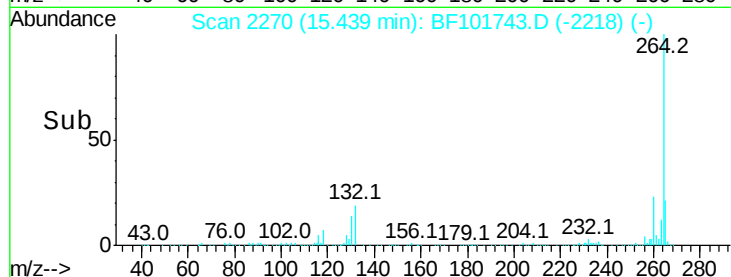
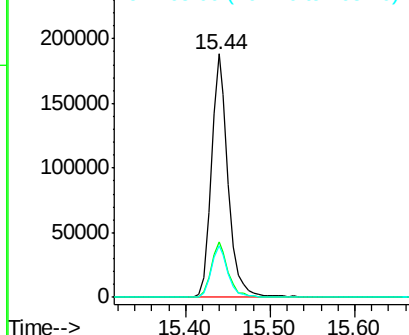
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

Tot Ion:264 Resp: 263169
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 21.3 17.5 26.3

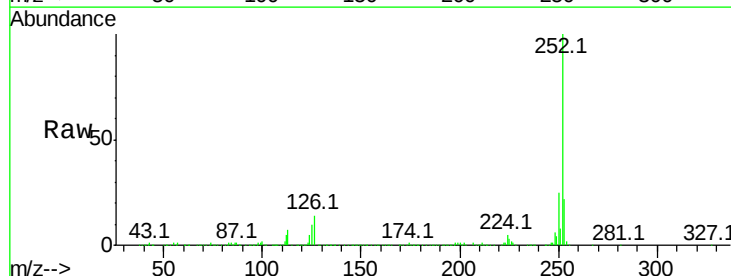


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

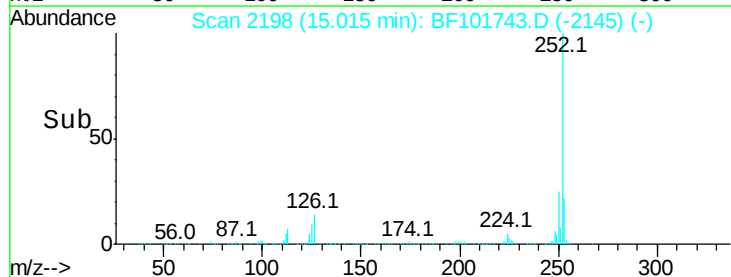
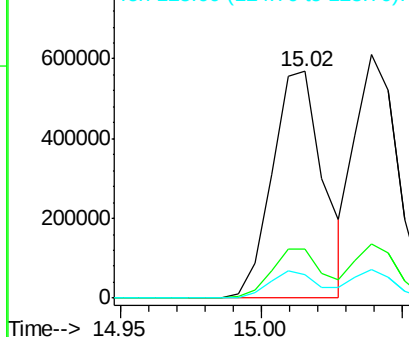


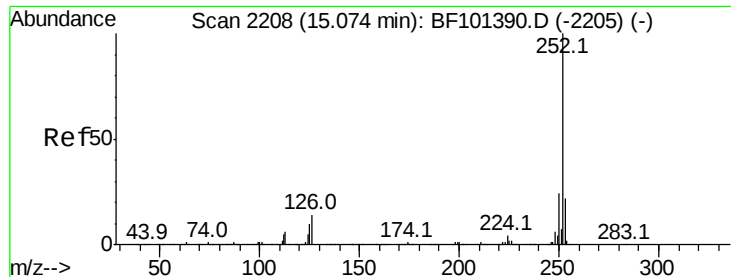
#87
Benzo(b)fluoranthene
Concen: 44.544 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion:252 Resp: 714520
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

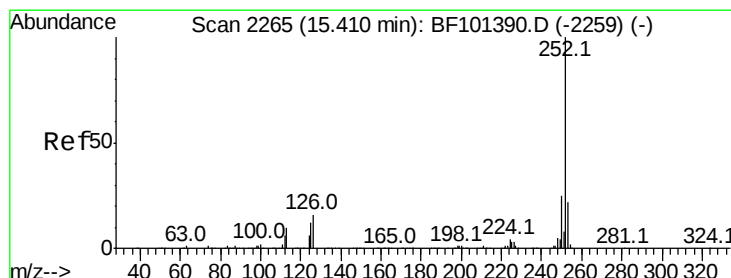
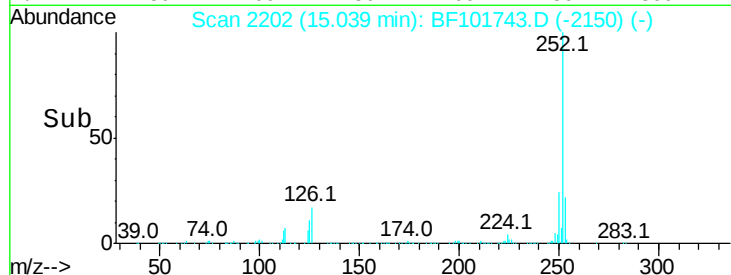
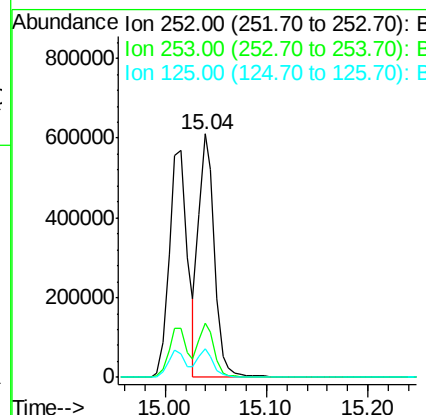
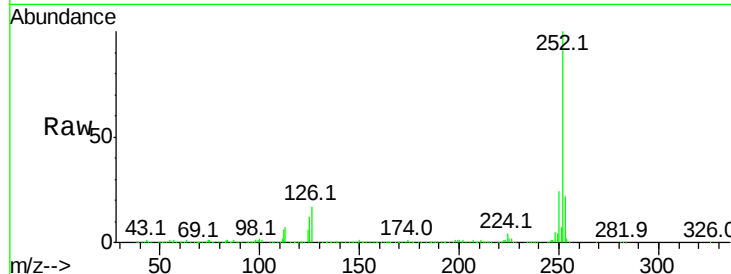




#88
Benzo(k)fluoranthene
Concen: 41.917 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

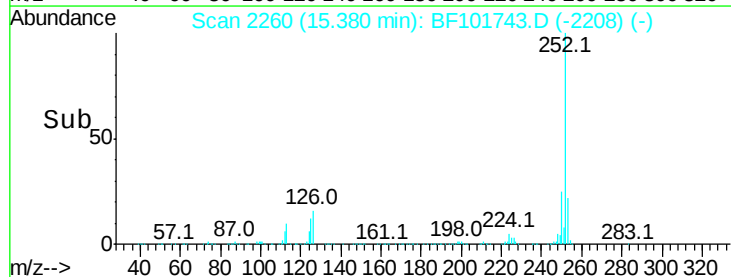
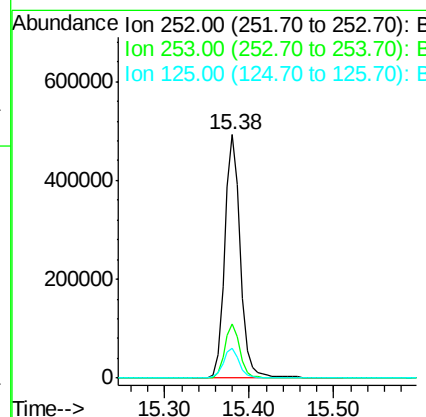
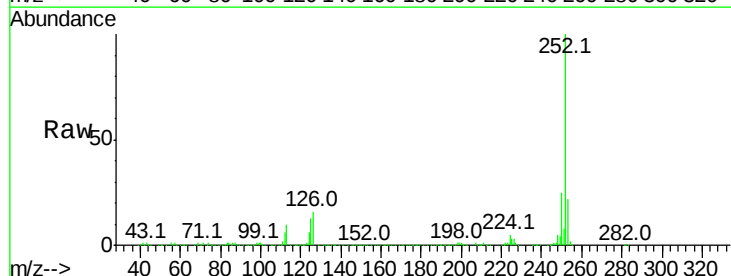
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

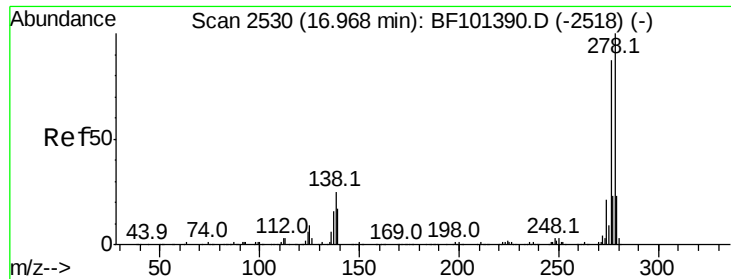
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.6	10.2	15.2



#89
Benzo(a)pyrene
Concen: 42.993 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.5	9.8	14.6

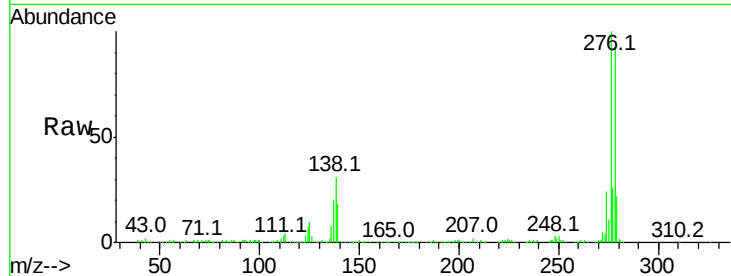




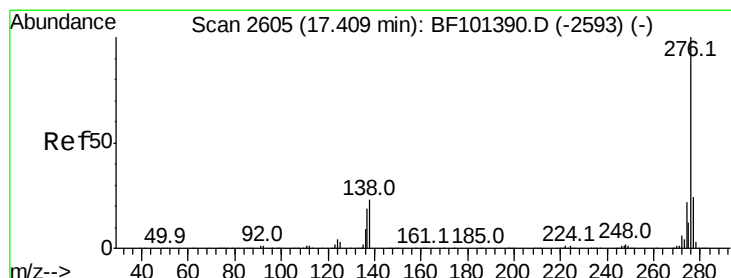
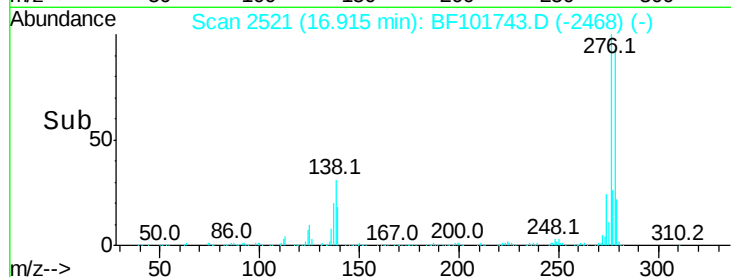
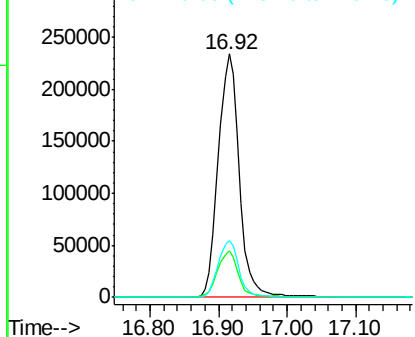
#90
Dibenzo(a,h)anthracene
Concen: 39.515 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(90-92)MS

Tot Ion:278 Resp: 501684
Ion Ratio Lower Upper
278 100
139 19.0 15.9 23.9
279 23.3 19.0 28.4

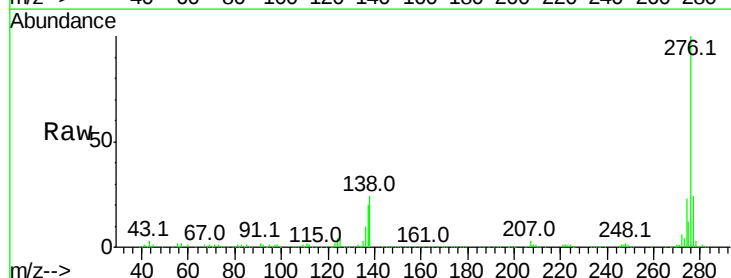


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 38.248 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.02 min
Lab File: BF101743.D
Acq: 27 Dec 2017 4:40

Tgt Ion:276 Resp: 480847
Ion Ratio Lower Upper
276 100
277 23.9 17.9 26.9
138 24.5 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

