

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101662.D
 Acq On : 22 Dec 2017 19:15
 Operator : SJ/JU
 Sample : I7002-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

Quant Time: Dec 22 22:34:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142330	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	541651	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	227317	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	373981	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269012	20.00	ng	0.00
86) Perylene-d12	15.43	264	258581	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1123383	117.57	ng	0.01
7) Phenol-d6	6.44	99	1293748	108.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	816690	83.93	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	247848	113.15	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1176312	80.27	ng	0.00
78) Terphenyl-d14	12.90	244	917431	82.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	161888	32.973	ng	93
3) Pyridine	3.33	79	397999	29.176	ng	95
4) n-Nitrosodimethylamine	3.28	42	215332	34.284	ng	# 99
6) Aniline	6.46	93	241647	14.623	ng	# 80
8) 2-Chlorophenol	6.58	128	354171	35.236	ng	99
9) Benzaldehyde	6.35	77	193612	22.046	ng	96
10) Phenol	6.45	94	494562	36.489	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	377874	35.543	ng	94
12) 1,3-Dichlorobenzene	6.73	146	392105	34.565	ng	100
13) 1,4-Dichlorobenzene	6.80	146	402014	34.703	ng	98
14) 1,2-Dichlorobenzene	6.96	146	358782	34.408	ng	99
15) Benzyl Alcohol	6.94	79	267461	32.677	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	613671	37.716	ng	71
17) 2-Methylphenol	7.06	107	295481	31.959	ng	# 87
18) Hexachloroethane	7.29	117	123702	30.713	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	255937	32.773	ng	94
20) 3+4-Methylphenols	7.22	107	401434	40.973	ng	# 87
22) Acetophenone	7.20	105	511913	41.420	ng	# 95
24) Nitrobenzene	7.38	77	400414	37.182	ng	100
25) Isophorone	7.62	82	723532	37.066	ng	97
26) 2-Nitrophenol	7.69	139	189312	40.918	ng	96
27) 2,4-Dimethylphenol	7.73	122	318056	40.465	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	456070	36.782	ng	99
29) 2,4-Dichlorophenol	7.95	162	301055	38.769	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	290643	35.467	ng	94
31) Naphthalene	8.09	128	978583	35.887	ng	100
32) Benzoic acid	7.85	122	14559	10.254	ng	96
33) 4-Chloroaniline	8.16	127	125609	10.598	ng	99
34) Hexachlorobutadiene	8.20	225	169861	35.839	ng	96
35) Caprolactam	8.53	113	98293	36.454	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	302843	35.483	ng	99
37) 2-Methylnaphthalene	8.79	142	624902	35.174	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	295865	38.550	ng	97
40) Hexachlorocyclopentadiene	8.93	237	2094	13.193	ng	86

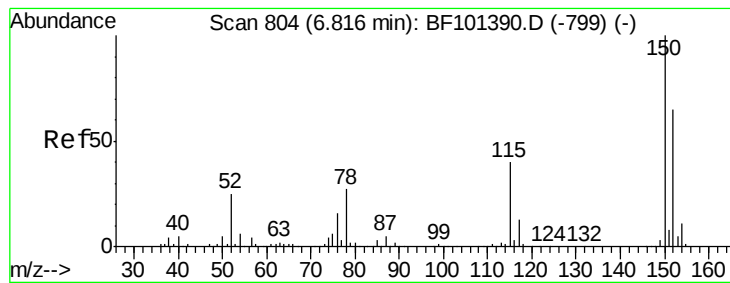
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	186076	40.272	ng	100
43) 2,4,5-Trichlorophenol	9.12	196	185201	36.608	ng	98
45) 1,1'-Biphenyl	9.25	154	750050	37.206	ng	99
46) 2-Chloronaphthalene	9.27	162	557310	36.130	ng	98
47) 2-Nitroaniline	9.39	65	205703	38.603	ng	94
48) Acenaphthylene	9.69	152	803567	32.982	ng	100
49) Dimethylphthalate	9.55	163	745288	40.761	ng	99
50) 2,6-Dinitrotoluene	9.62	165	133820	36.010	ng	# 81
51) Acenaphthene	9.86	154	490806	33.530	ng	98
52) 3-Nitroaniline	9.80	138	103987	22.444	ng	98
53) 2,4-Dinitrophenol	9.95	184	7096	15.095	ng	# 21
54) Dibenzofuran	10.03	168	691446	37.170	ng	99
55) 4-Nitrophenol	9.98	139	142897	70.732	ng	95
56) 2,4-Dinitrotoluene	10.04	165	165353	39.493	ng	# 97
57) Fluorene	10.37	166	552188	35.090	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	145416	40.007	ng	# 86
59) Diethylphthalate	10.24	149	624697	34.500	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	271234	35.964	ng	94
61) 4-Nitroaniline	10.42	138	127808	27.444	ng	98
62) Azobenzene	10.53	77	618633	32.981	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	22162	11.613	ng	92
65) n-Nitrosodiphenylamine	10.49	169	514534	37.261	ng	95
66) 4-Bromophenyl-phenylether	10.85	248	163530	38.916	ng	93
67) Hexachlorobenzene	10.93	284	158553	35.650	ng	92
68) Atrazine	11.02	200	159489	38.734	ng	96
69) Pentachlorophenol	11.13	266	123956	72.354	ng	98
70) Phenanthrene	11.34	178	742383	35.696	ng	99
71) Anthracene	11.39	178	748987	35.256	ng	100
72) Carbazole	11.56	167	677903	34.082	ng	99
73) Di-n-butylphthalate	11.87	149	898509	37.219	ng	99
74) Fluoranthene	12.53	202	715605	32.781	ng	99
76) Benzidine	12.66	184	323546	28.477	ng	99
77) Pyrene	12.76	202	723438	35.833	ng	100
79) Butylbenzylphthalate	13.37	149	334000	36.562	ng	95
80) Benzo(a)anthracene	13.96	228	629289	35.426	ng	98
81) 3,3'-Dichlorobenzidine	13.92	252	172877	29.847	ng	# 98
82) Chrysene	13.99	228	599462	35.742	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	446232	38.565	ng	99
84) Di-n-octyl phthalate	14.53	149	762423	36.947	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	524066	35.089	ng	96
87) Benzo(b)fluoranthene	15.01	252	570625	36.205	ng	98
88) Benzo(k)fluoranthene	15.04	252	512781	33.462	ng	98
89) Benzo(a)pyrene	15.37	252	520246	35.806	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	445011	35.673	ng	98
91) Benzo(g,h,i)perylene	17.36	276	433962	35.131	ng	95

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

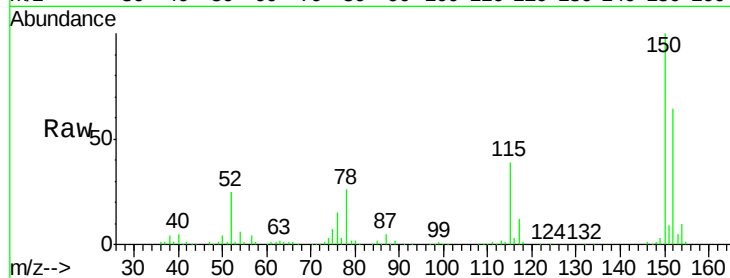


#1

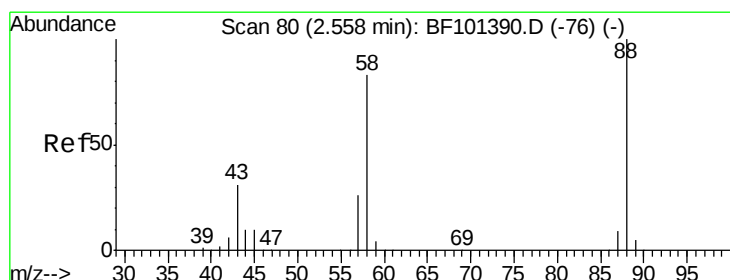
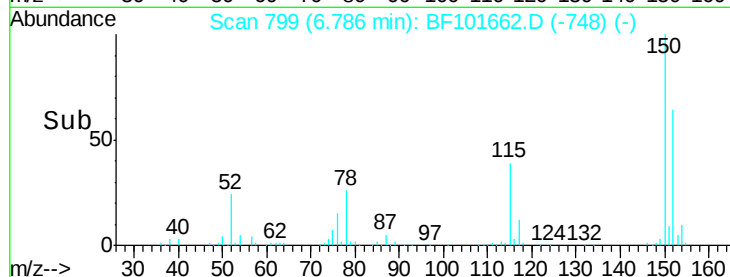
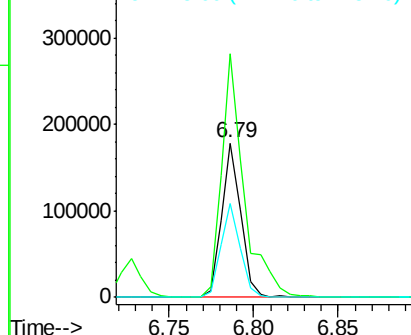
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

Tot Ion:152 Resp: 142330
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.1 50.1 75.1



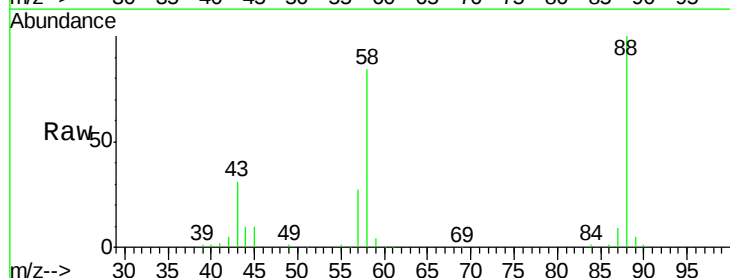
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



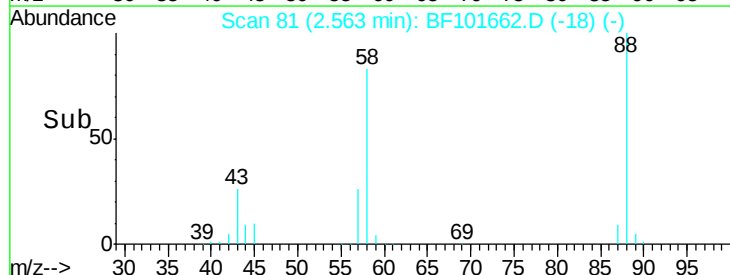
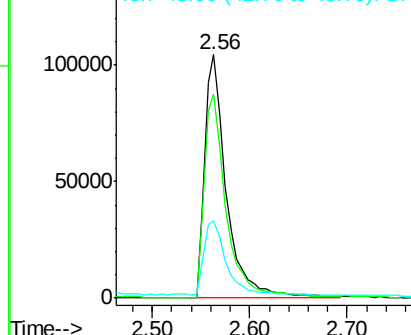
#2

1,4-Dioxane
Concen: 32.973 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.07 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion: 88 Resp: 161888
Ion Ratio Lower Upper
88 100
58 85.6 62.6 93.8
43 31.6 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: 29.176 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

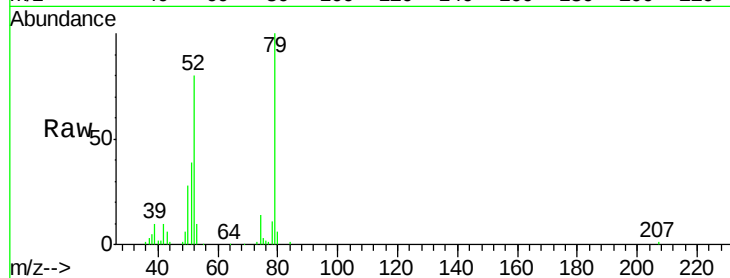
Tot Ion: 79 Resp: 397999

Ion Ratio Lower Upper

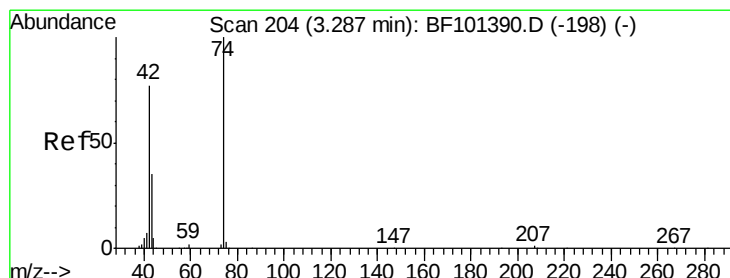
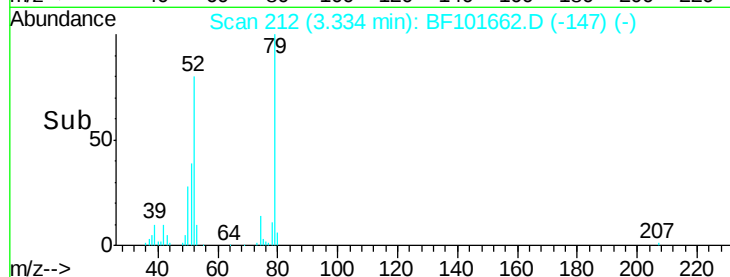
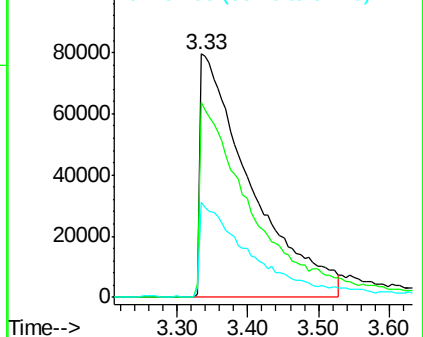
79 100

52 80.0 59.8 89.6

51 39.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.284 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.06 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

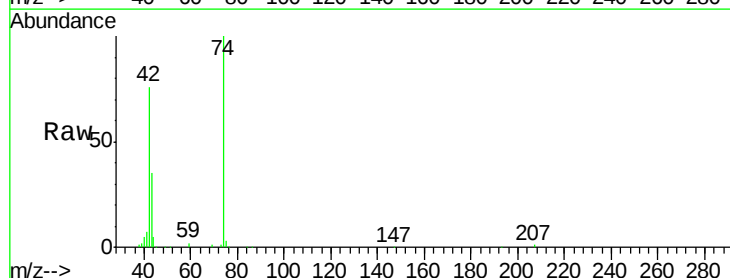
Tgt Ion: 42 Resp: 215332

Ion Ratio Lower Upper

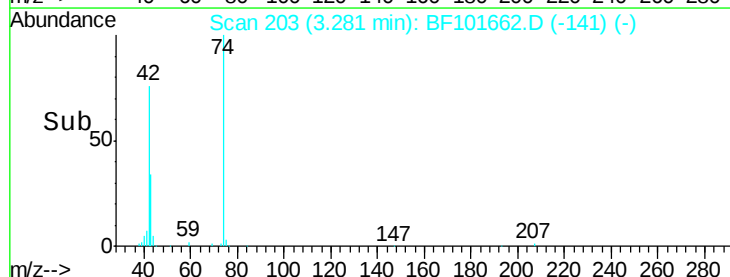
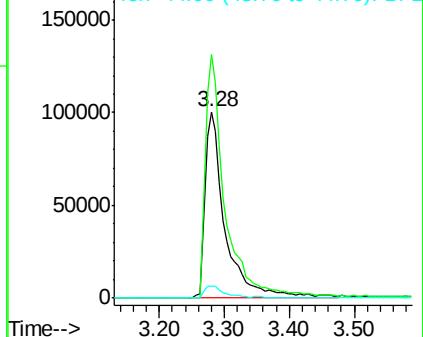
42 100

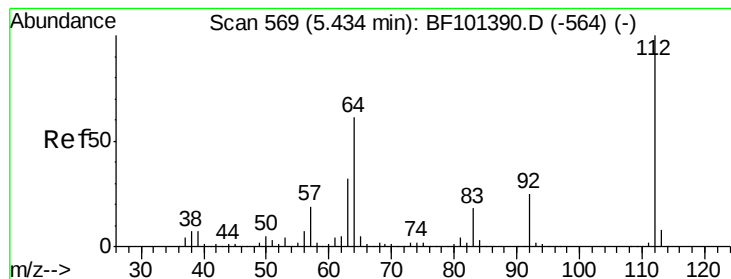
74 130.8 104.9 157.3

44 6.6 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.570 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

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ClientSampleId :

EPE-106-3DS(16-20)MS

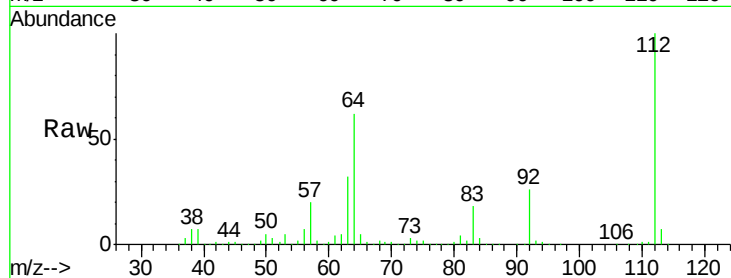
Tot Ion:112 Resp: 1123383

Ion Ratio Lower Upper

112 100

64 62.2 47.9 71.9

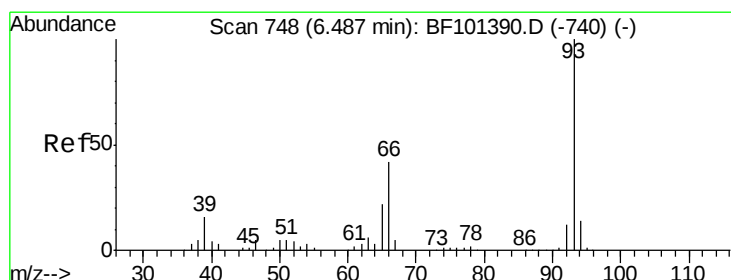
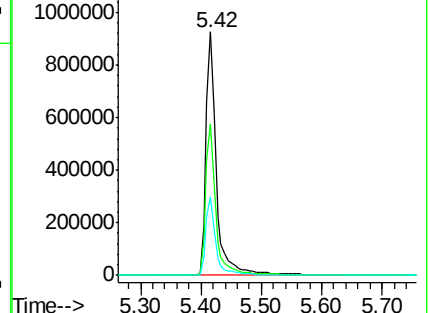
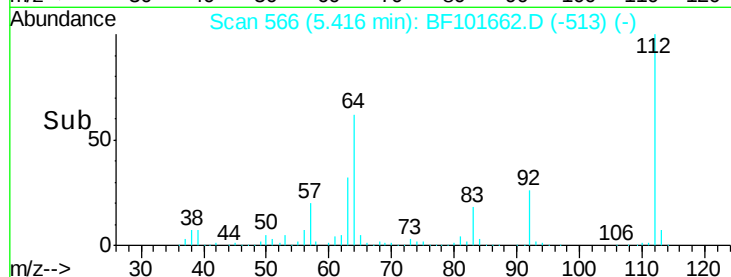
63 32.3 23.7 35.5



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: 14.623 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

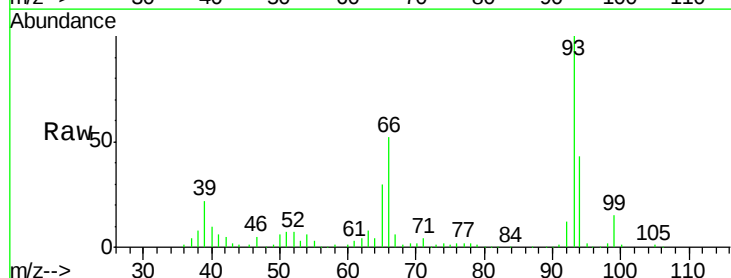
Tgt Ion: 93 Resp: 241647

Ion Ratio Lower Upper

93 100

66 52.1 32.2 48.2#

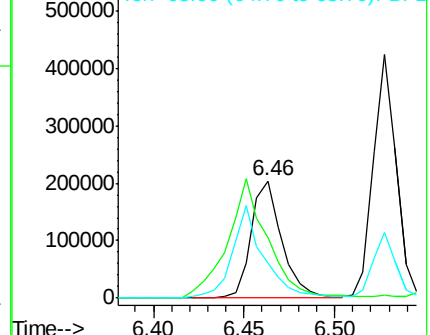
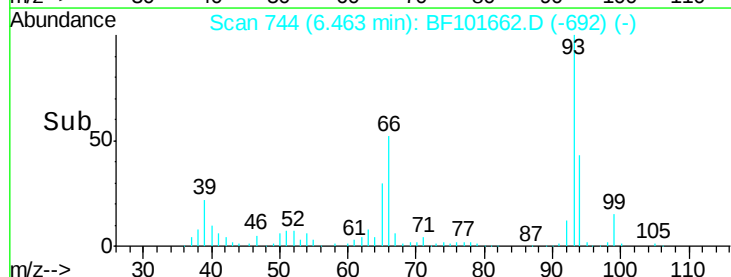
65 30.2 16.4 24.6#

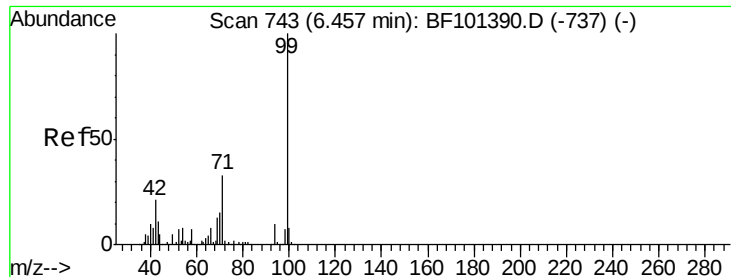


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.795 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101662.D

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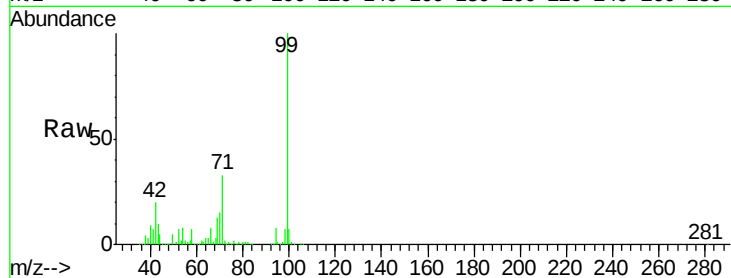
Tot Ion: 99 Resp: 1293748

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

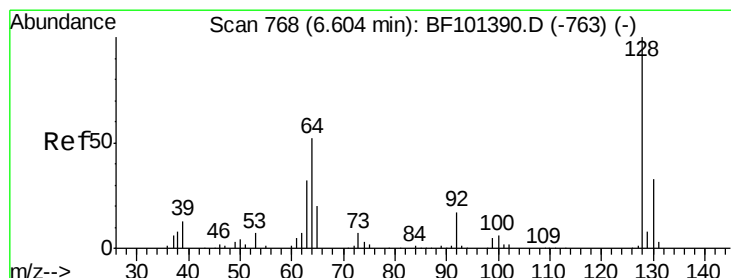
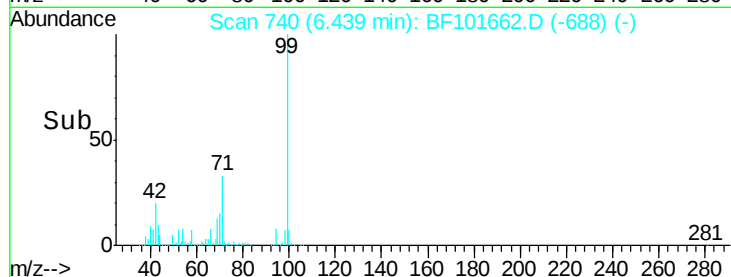
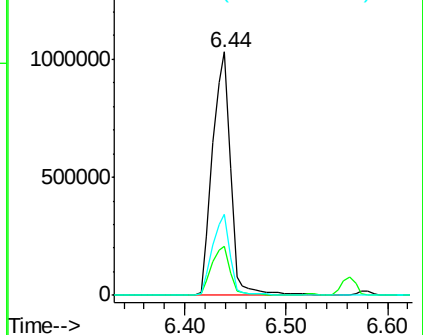
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.236 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

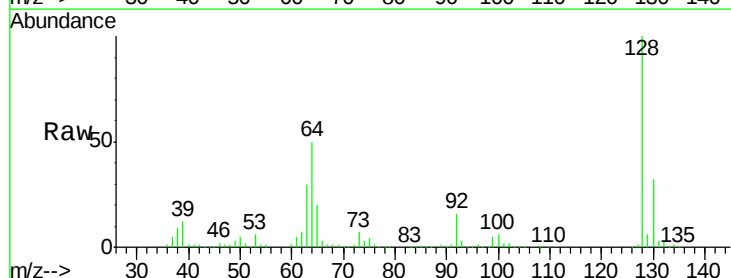
Tgt Ion: 128 Resp: 354171

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

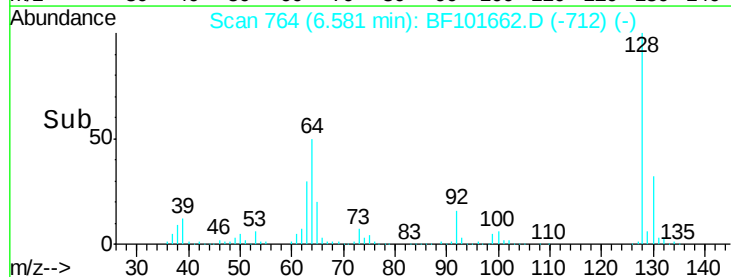
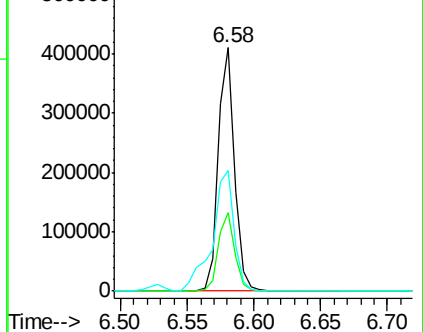
64 49.5 29.4 69.4

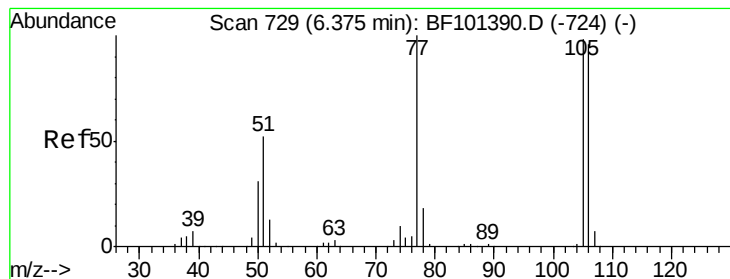


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.046 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

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EPE-106-3DS(16-20)MS

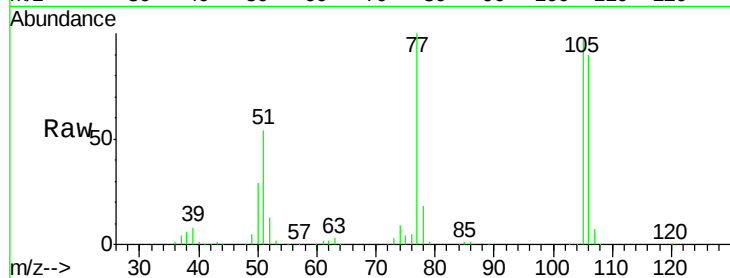
Tot Ion: 77 Resp: 193612

Ion Ratio Lower Upper

77 100

105 96.9 81.1 121.1

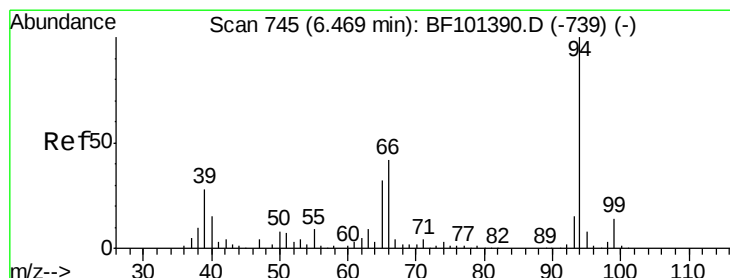
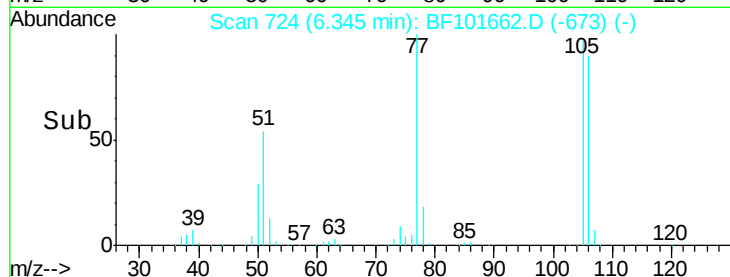
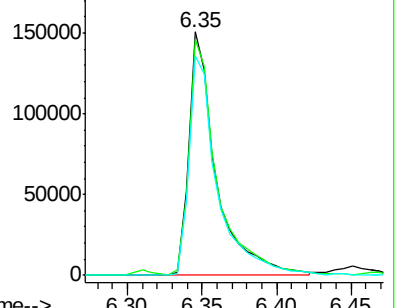
106 89.9 74.5 114.5



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: 36.489 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

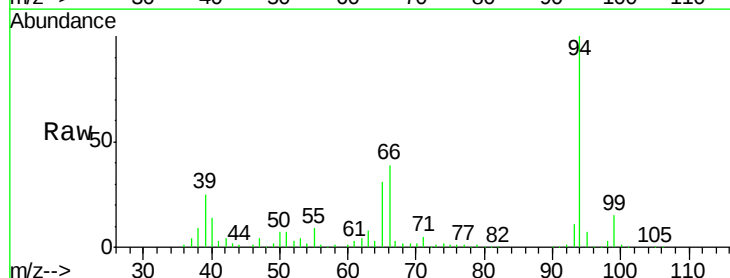
Tgt Ion: 94 Resp: 494562

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

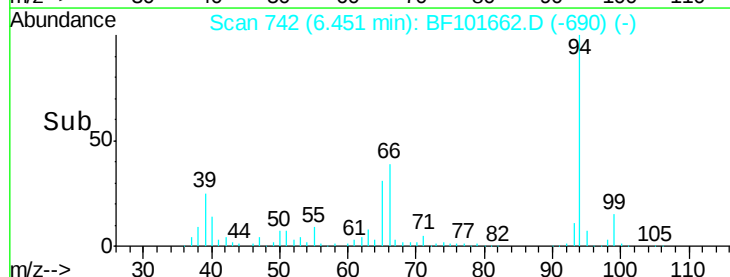
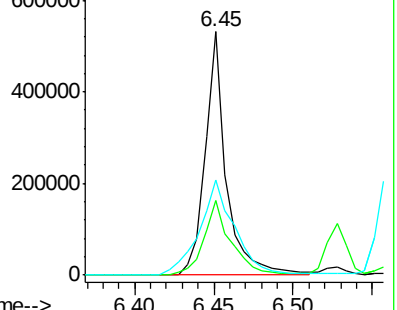
66 39.2 16.2 56.2

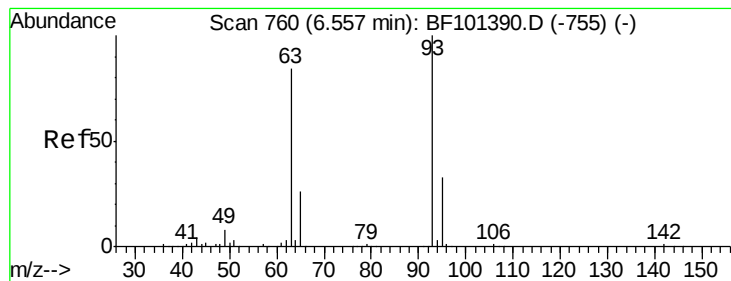


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.543 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

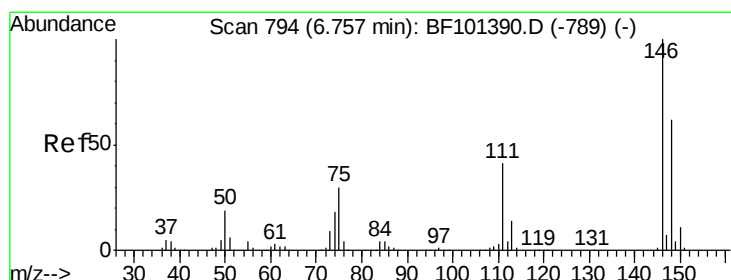
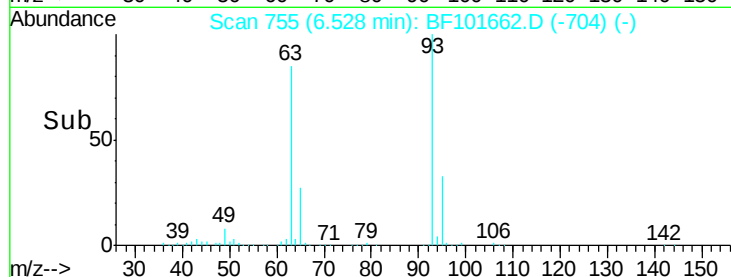
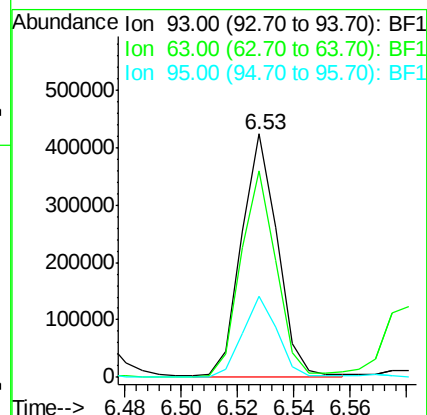
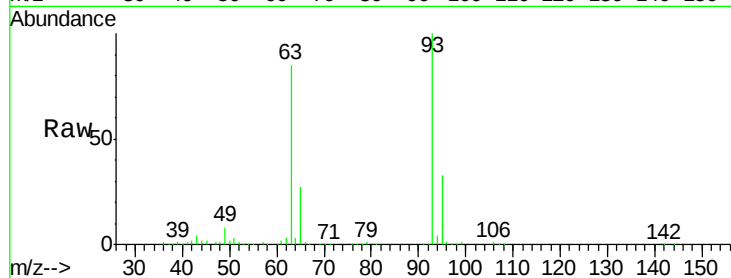
Tot Ion: 93 Resp: 377874

Ion Ratio Lower Upper

93 100

63 85.0 58.6 98.6

95 33.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.565 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

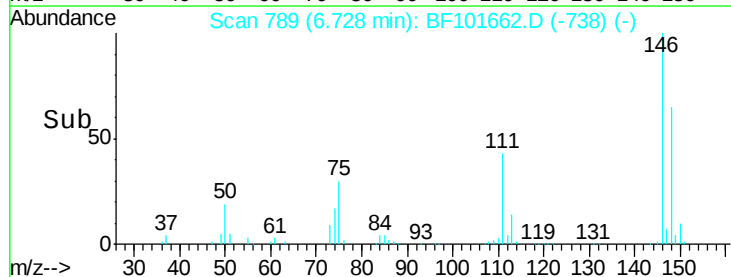
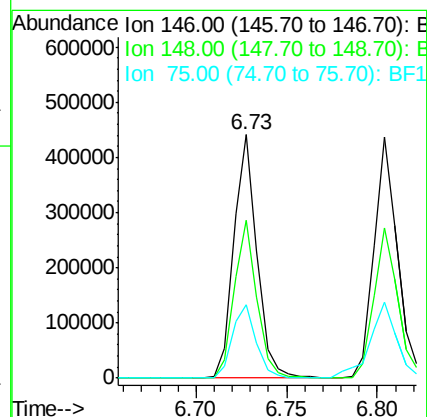
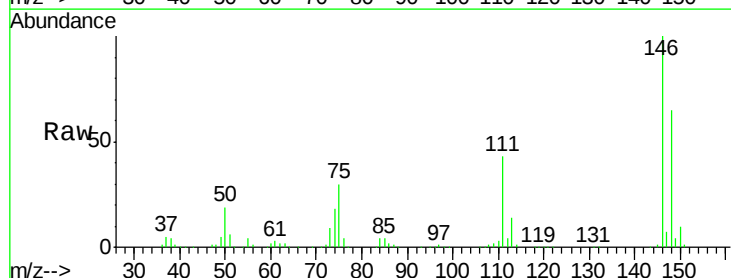
Tgt Ion: 146 Resp: 392105

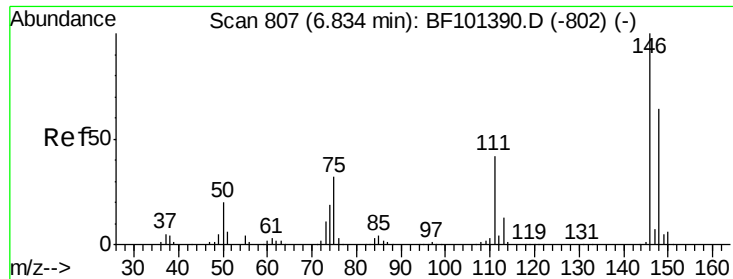
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 30.2 24.2 36.4

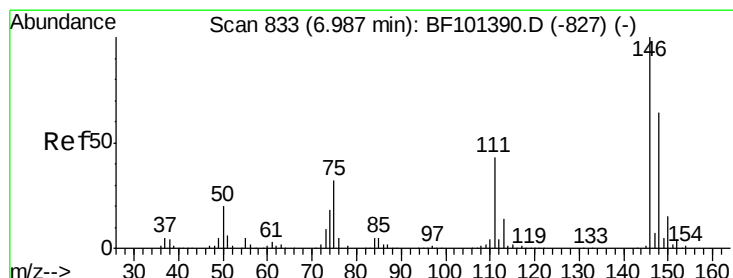
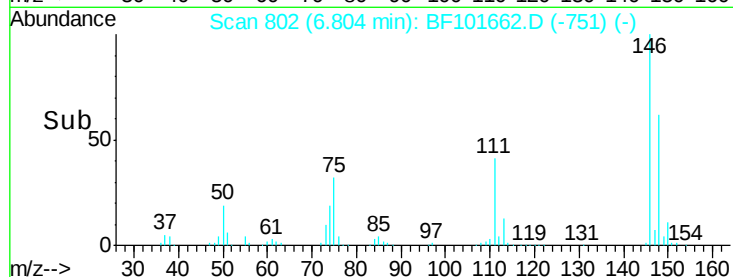
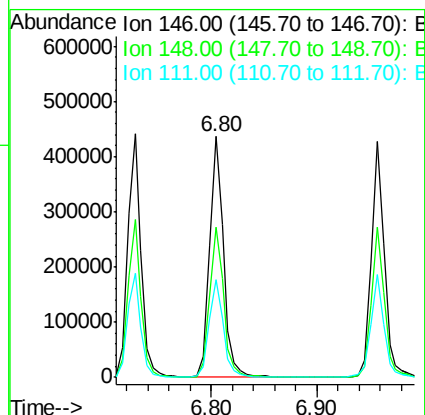
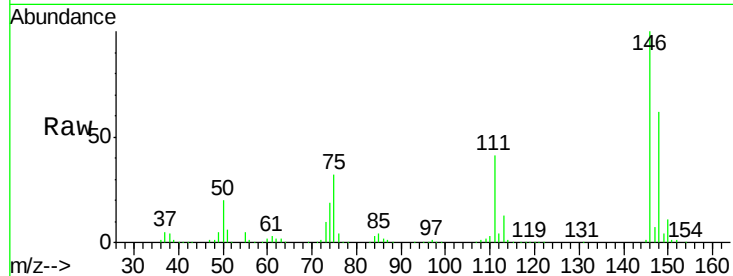




#13
 1,4-Dichlorobenzene
 Concen: 34.703 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

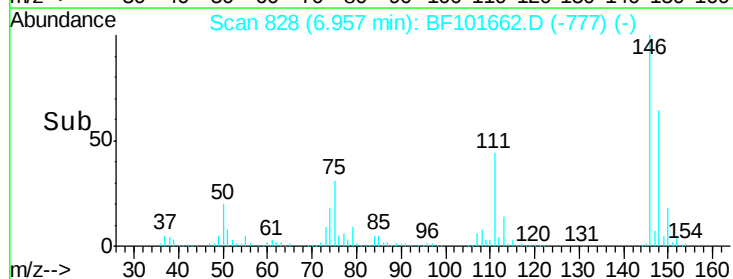
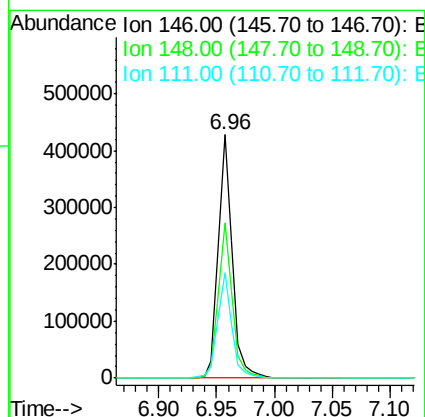
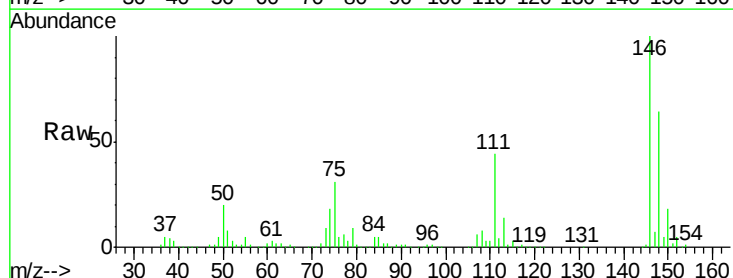
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

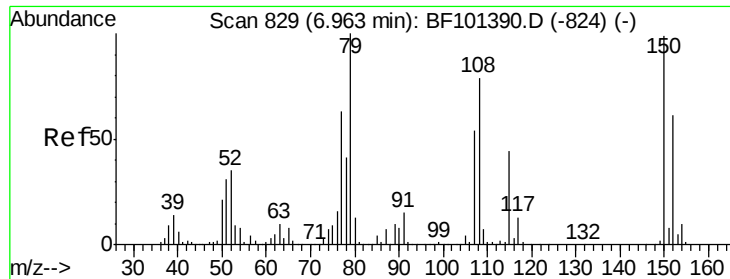
Tot Ion:146 Resp: 402014
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.408 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:146 Resp: 358782
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 43.5 36.0 54.0

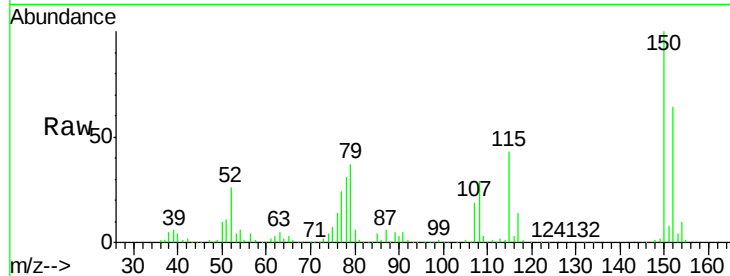




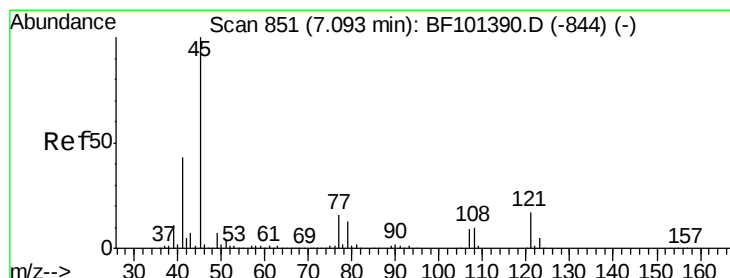
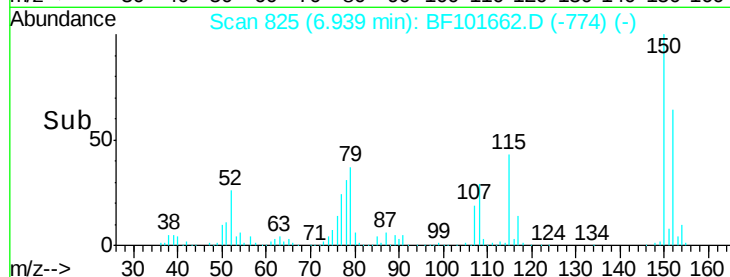
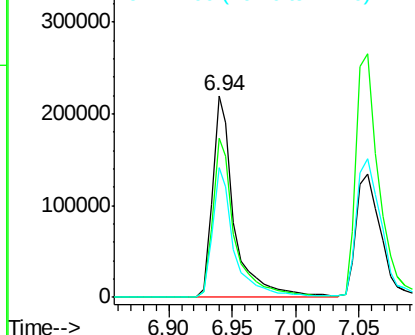
#15
Benzyl Alcohol
Concen: 32.677 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

Tot Ion: 79 Resp: 267461
Ion Ratio Lower Upper
79 100
108 78.7 65.1 97.7
77 64.4 50.6 75.8

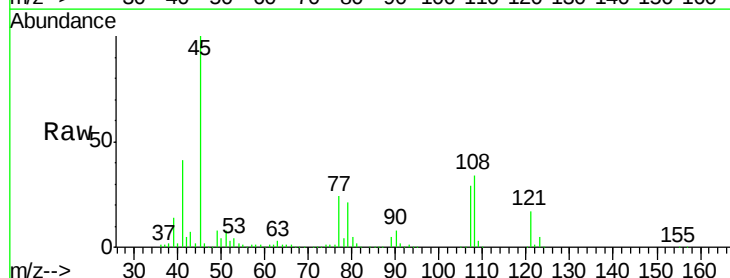


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

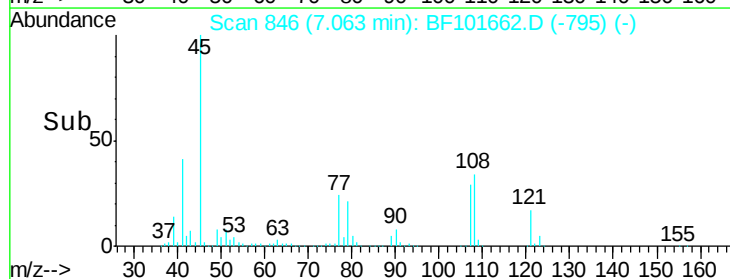
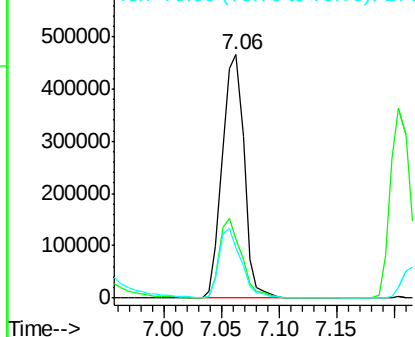


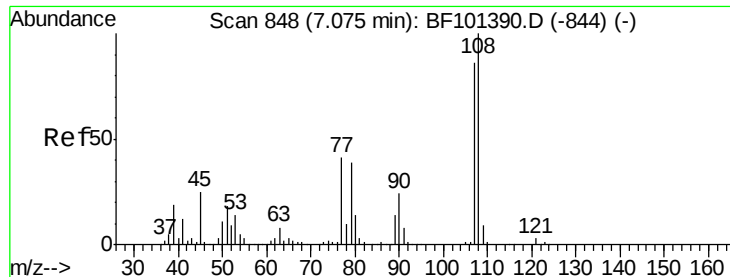
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.716 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion: 45 Resp: 613671
Ion Ratio Lower Upper
45 100
77 24.2 0.0 32.9
79 20.8 0.0 29.6



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

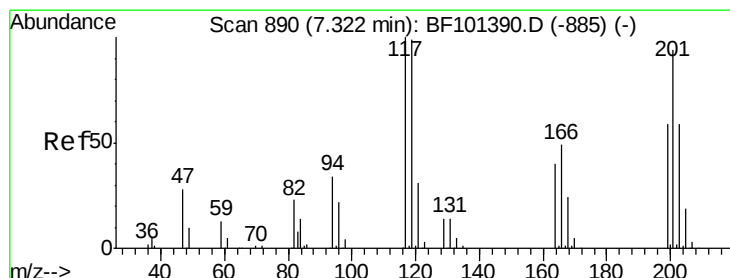
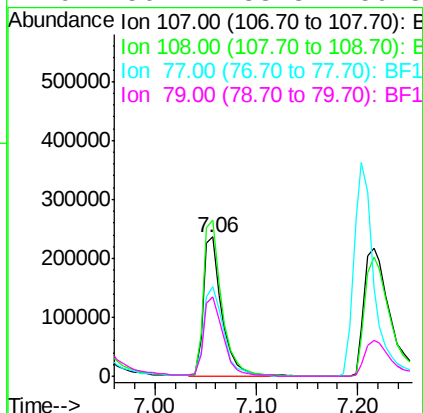
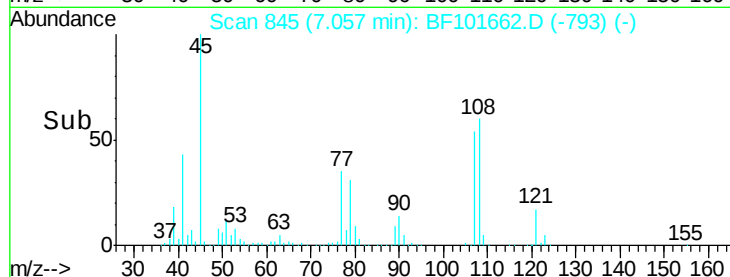
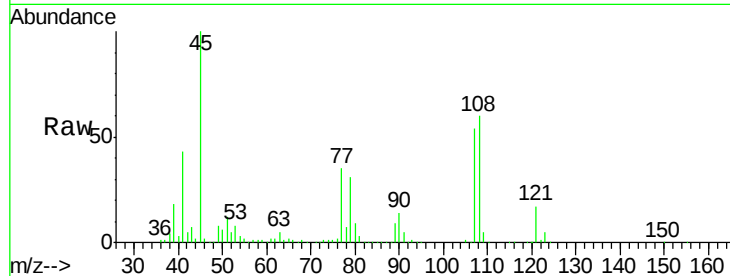




#17
2-Methylphenol
Concen: 31.959 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

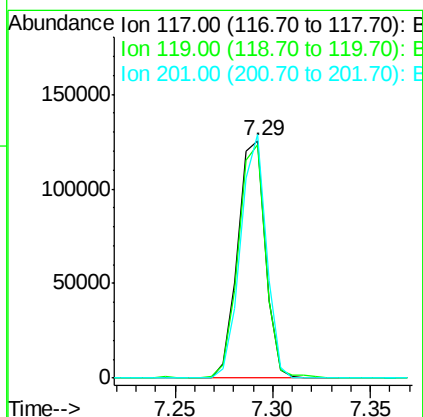
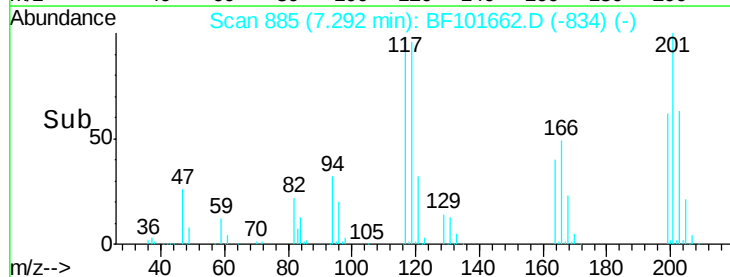
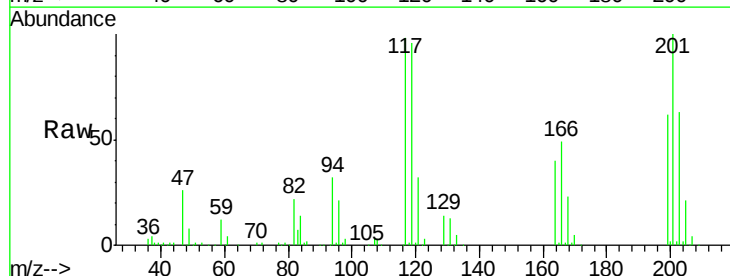
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

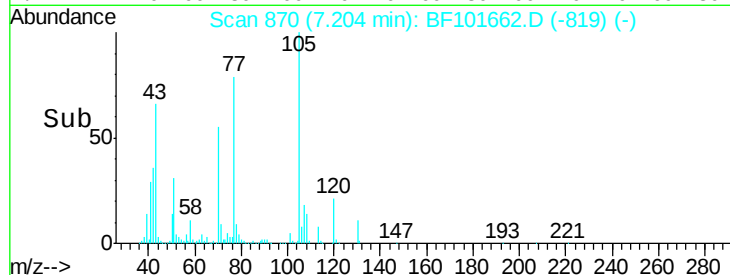
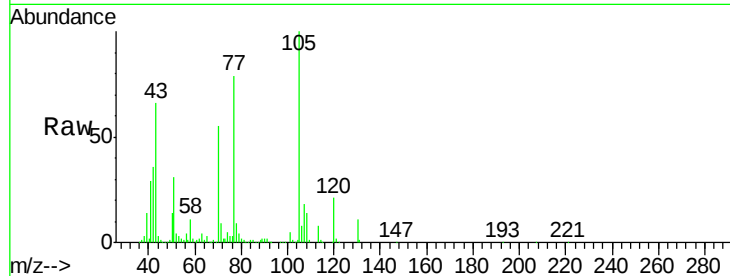
Tot Ion:107 Resp: 295481
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 64.2 33.8 50.8#
79 56.7 33.8 50.8#



#18
Hexachloroethane
Concen: 30.713 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:117 Resp: 123702
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8
201 102.5 75.7 113.5

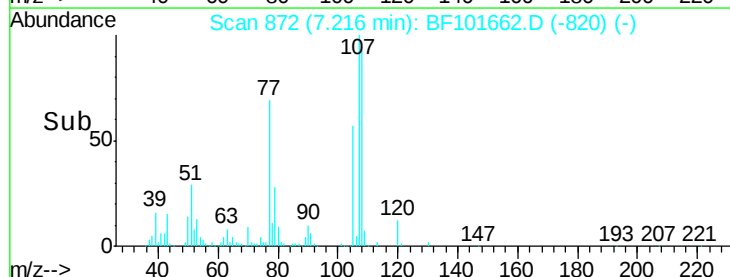
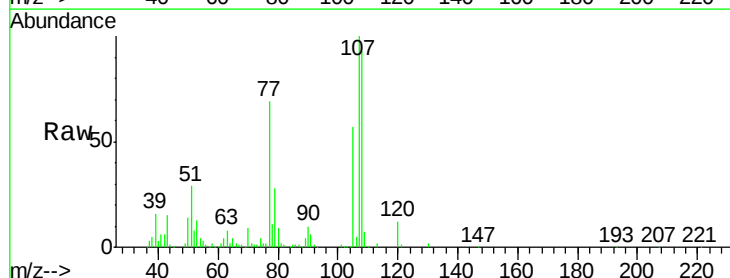
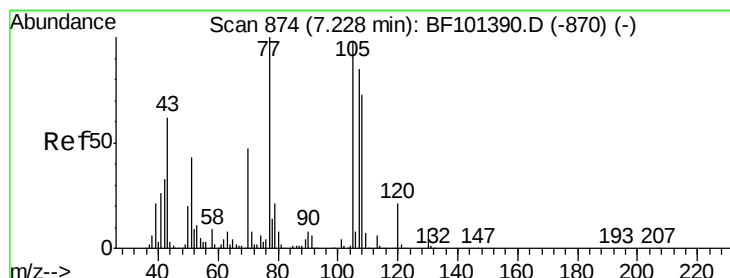
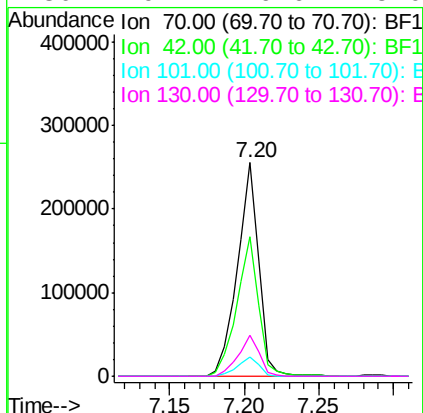




#19
n-Nitroso-di-n-propylamine
Concen: 32.773 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

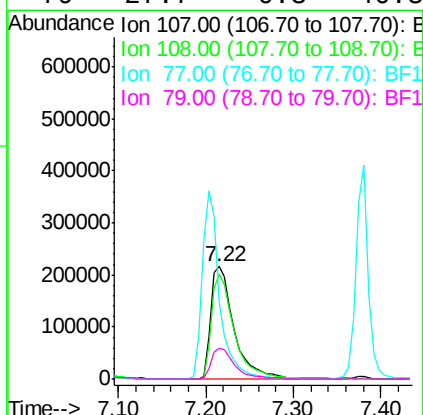
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

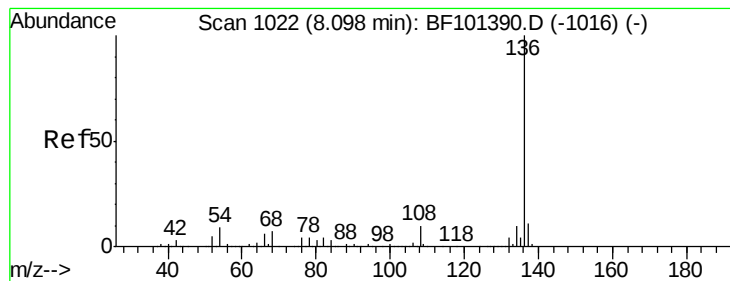
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.5	47.5	71.3
101	9.3	7.4	11.2
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.973 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	68.2	108.2
77	68.8	26.7	66.7#
79	27.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

Tot Ion:136 Resp: 541651

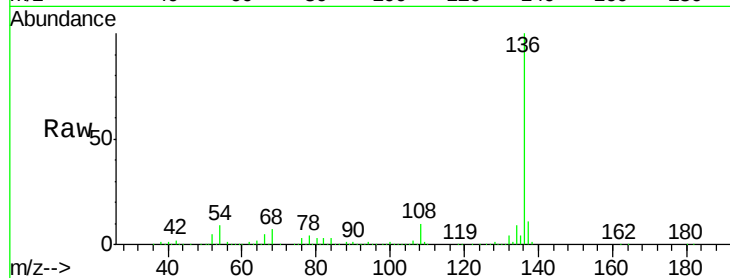
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 7.0 5.0 7.4

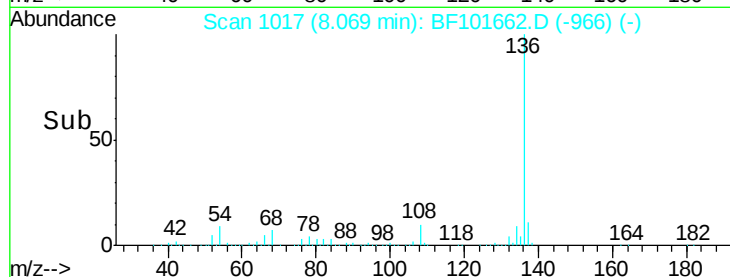


Abundance Ion 136.00 (135.70 to 136.70): E

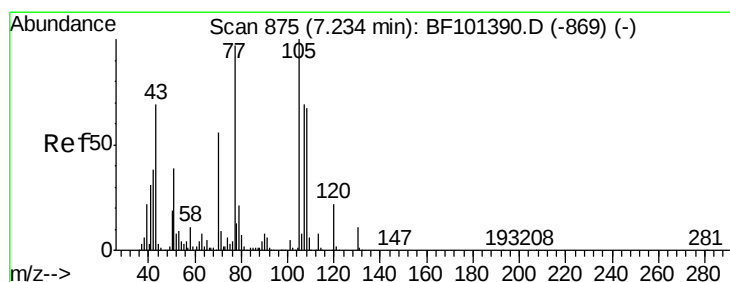
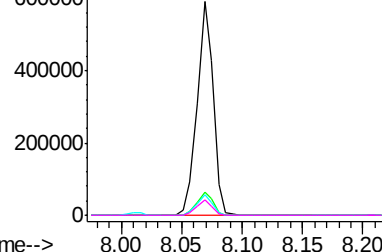
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 41.420 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Tgt Ion:105 Resp: 511913

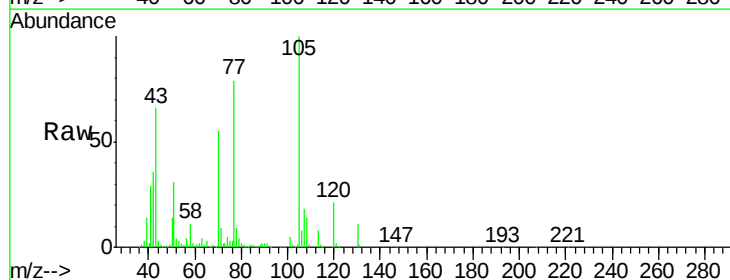
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 31.3 22.3 33.5

120 21.2 16.9 25.3

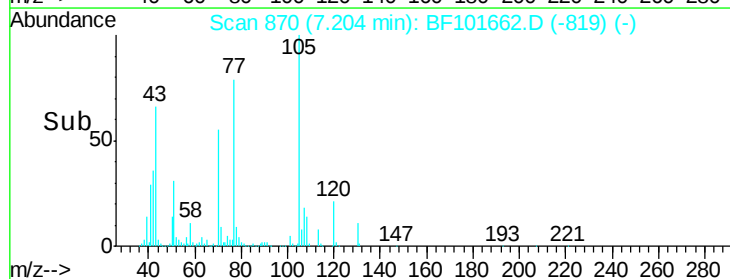


Abundance Ion 105.00 (104.70 to 105.70): E

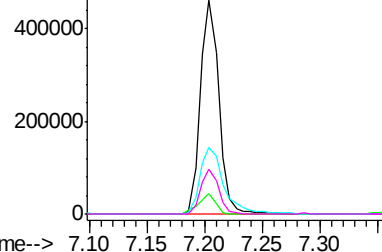
Ion 71.00 (70.70 to 71.70): BF1

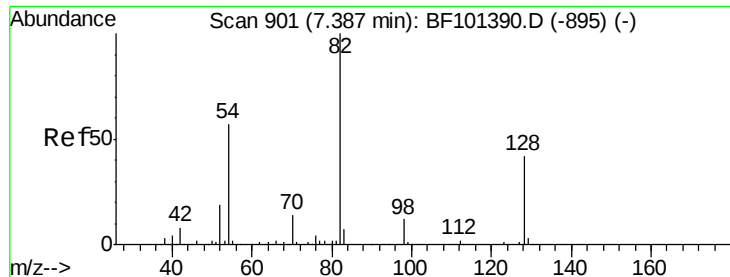
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

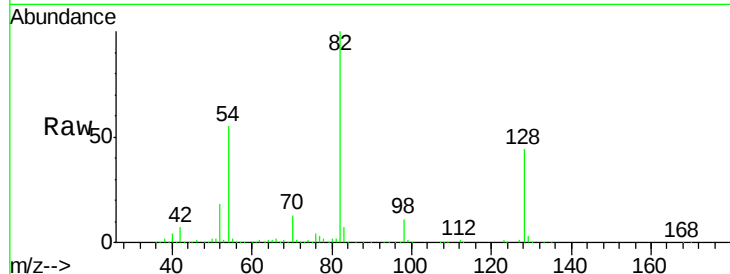




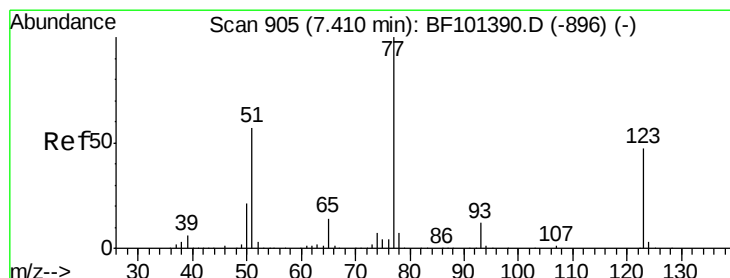
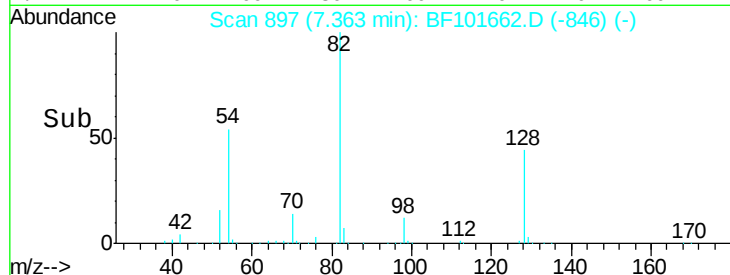
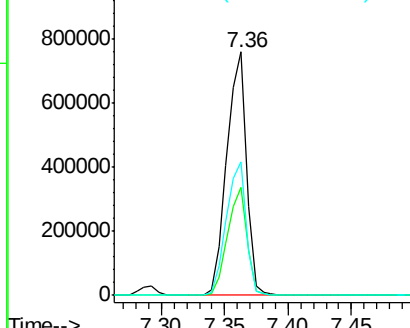
#23
 Nitrobenzene-d5
 Concen: 83.932 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

Tot Ion	82	Resp	816690
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	54.9	41.4	62.2

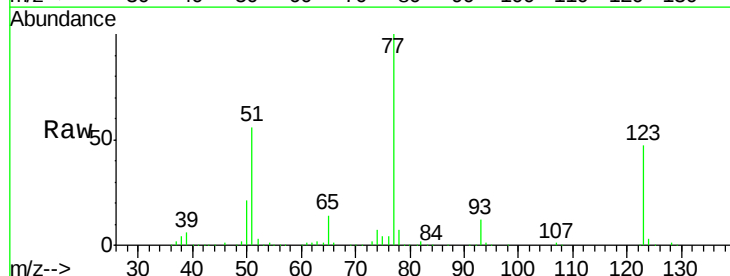


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

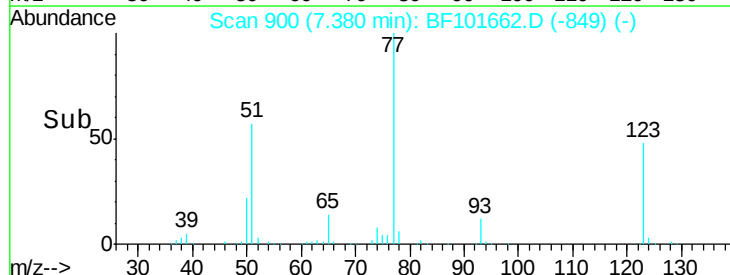
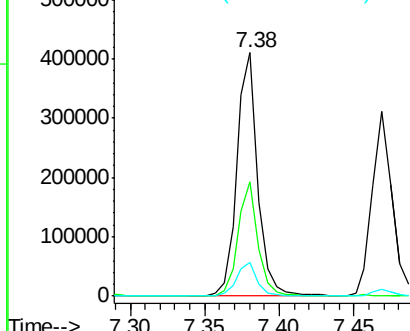


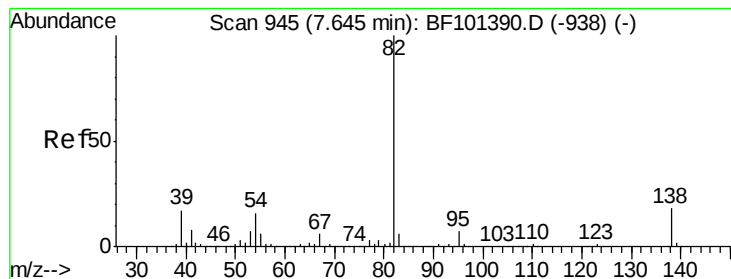
#24
 Nitrobenzene
 Concen: 37.182 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion	77	Resp	400414
Ion Ratio	Lower	Upper	
77	100		
123	47.1	37.9	56.9
65	14.0	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: 37.066 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

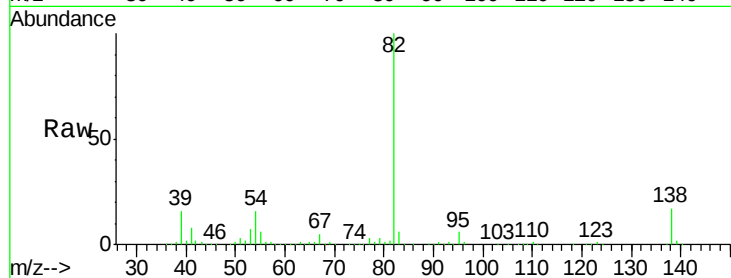
Tot Ion: 82 Resp: 723532

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

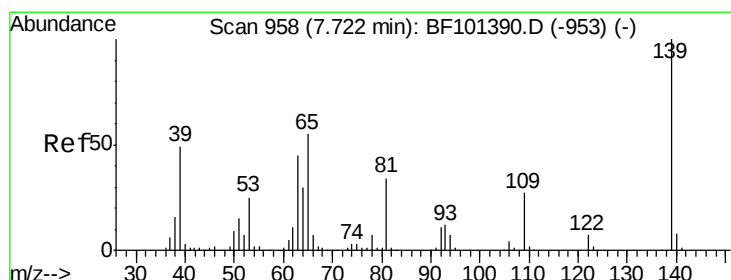
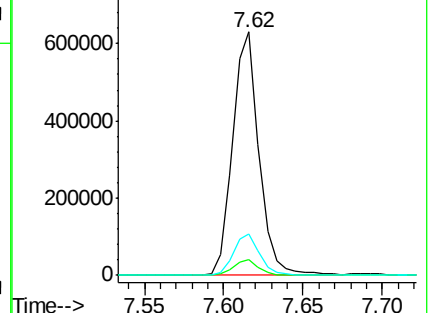
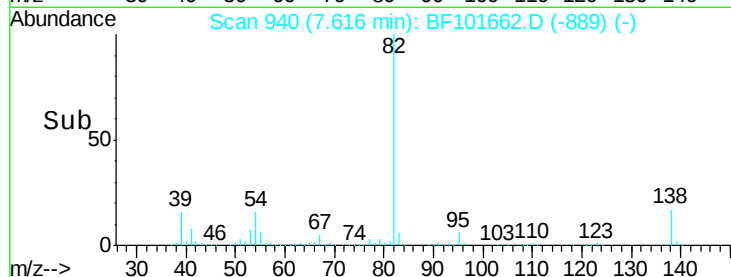
138 17.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.918 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

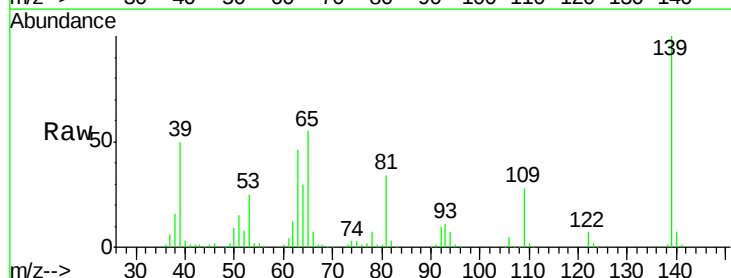
Tgt Ion: 139 Resp: 189312

Ion Ratio Lower Upper

139 100

109 27.8 22.7 34.1

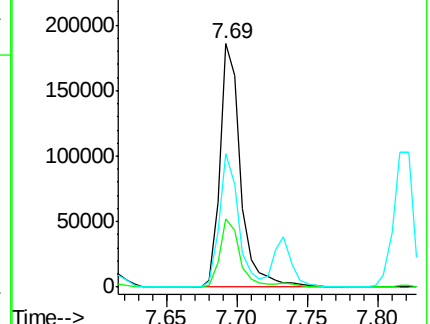
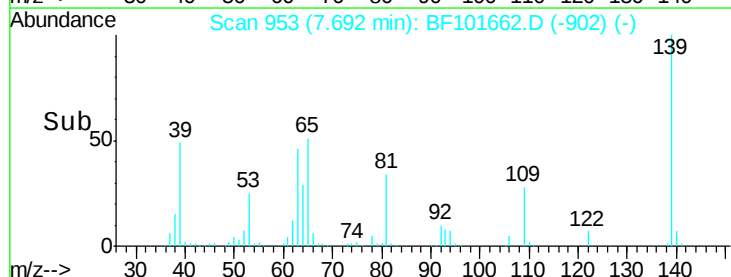
65 54.7 40.5 60.7

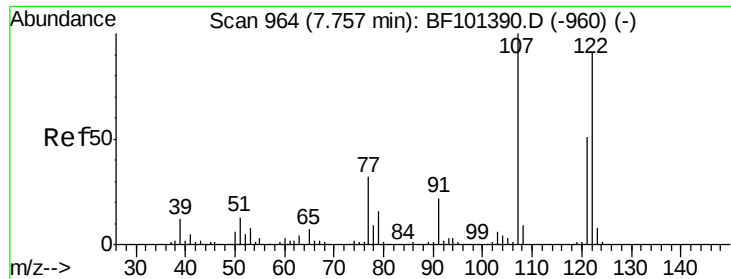


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

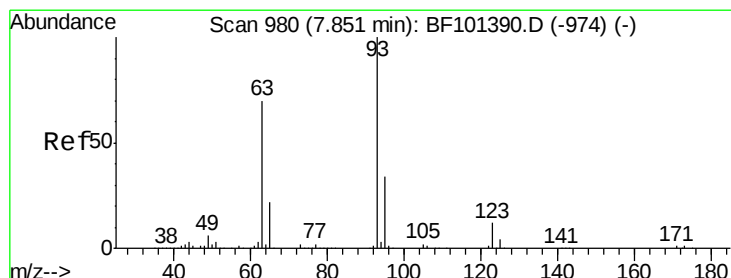
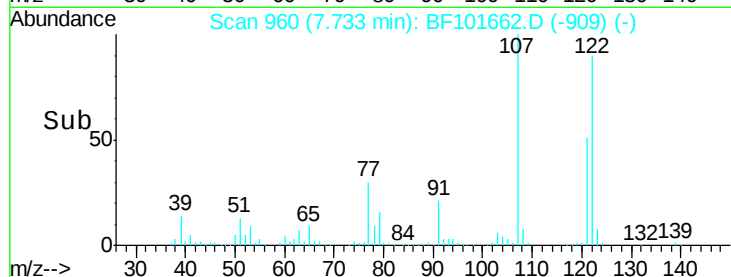
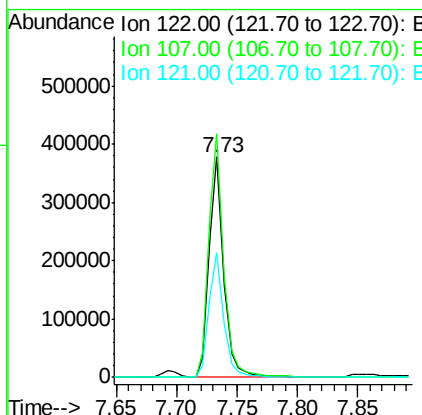
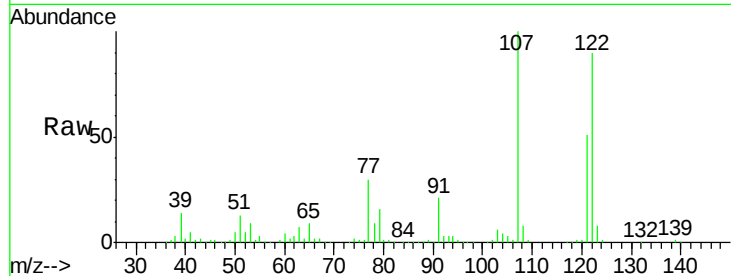




#27
 2,4-Dimethylphenol
 Concen: 40.465 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

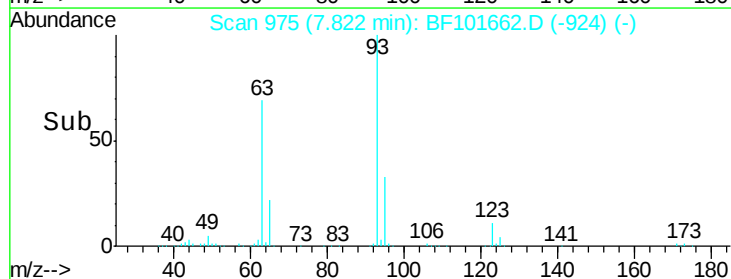
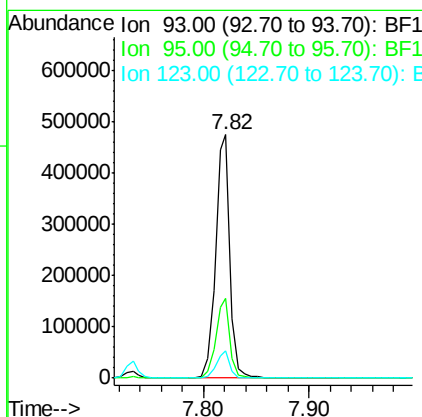
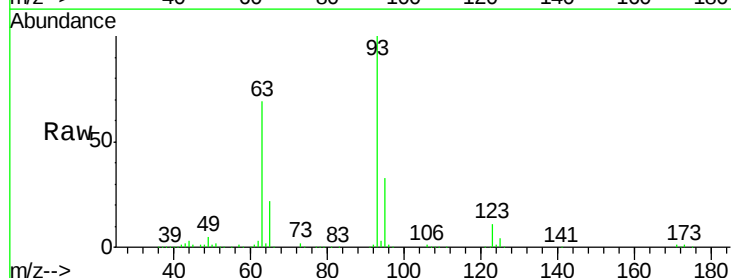
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

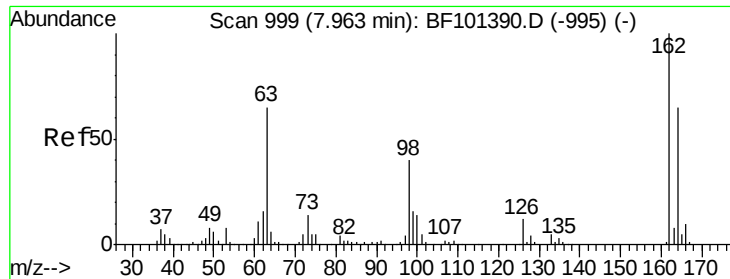
Tot Ion:122 Resp: 318056
 Ion Ratio Lower Upper
 122 100
 107 110.6 91.2 136.8
 121 56.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.782 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion: 93 Resp: 456070
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.0 9.8 14.6

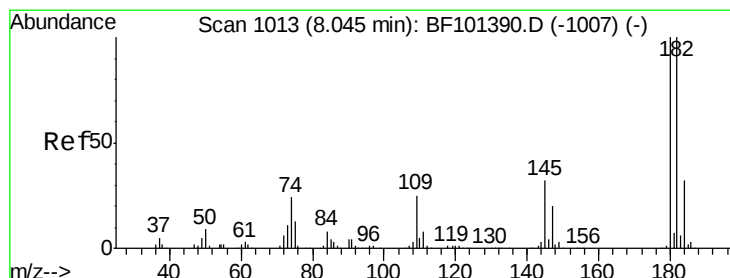
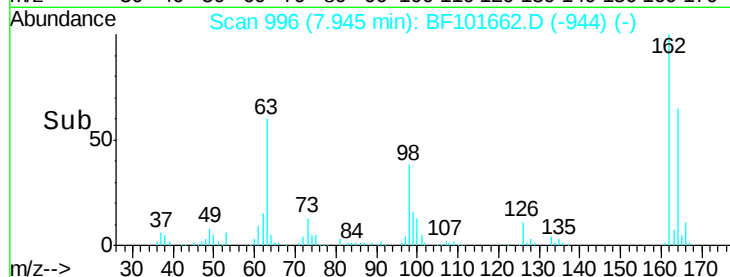
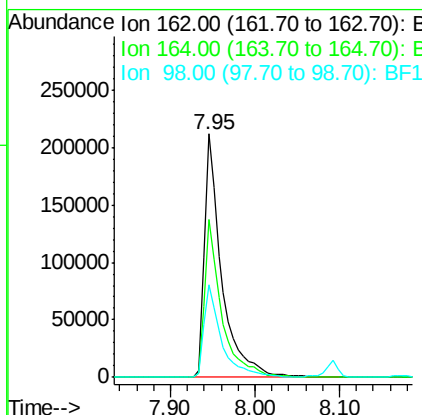
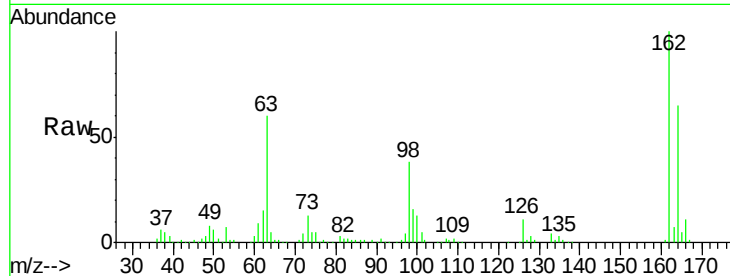




#29
 2,4-Dichlorophenol
 Concen: 38.769 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

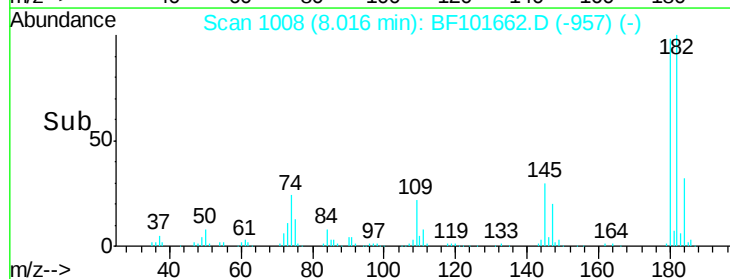
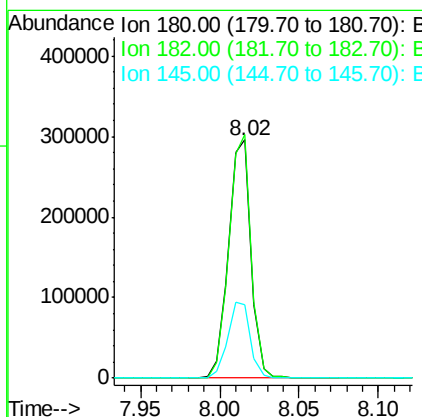
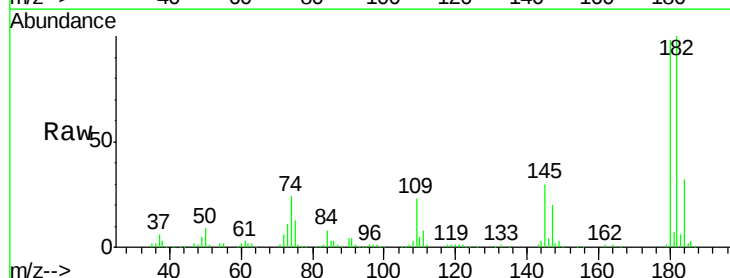
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

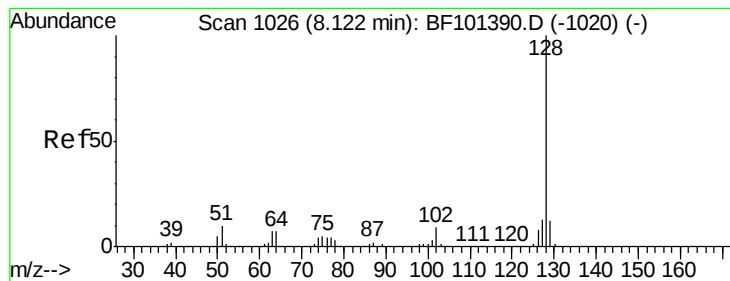
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	37.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.467 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.2	76.8	115.2
145	31.1	26.5	39.7





#31

Naphthalene

Concen: 35.887 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

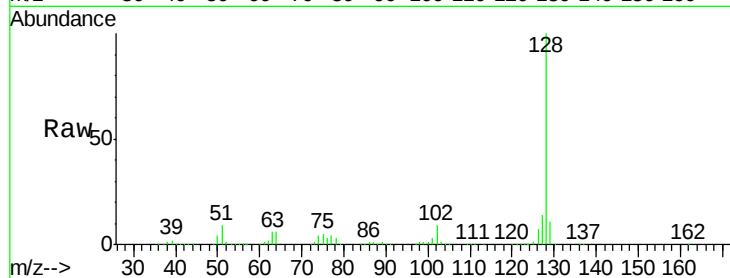
Tot Ion:128 Resp: 978583

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

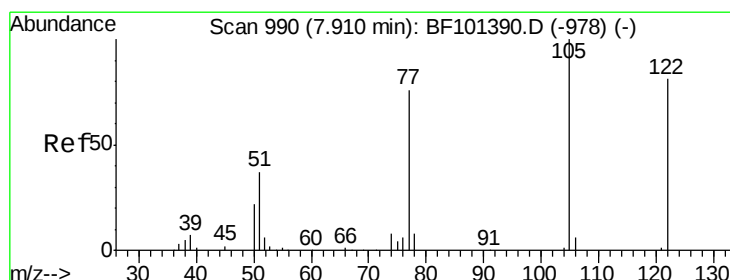
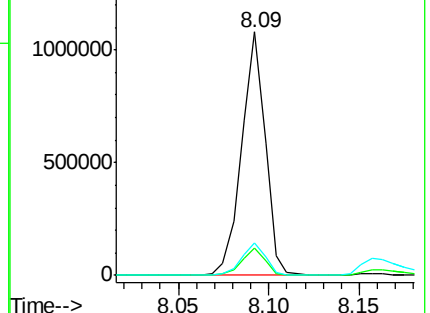
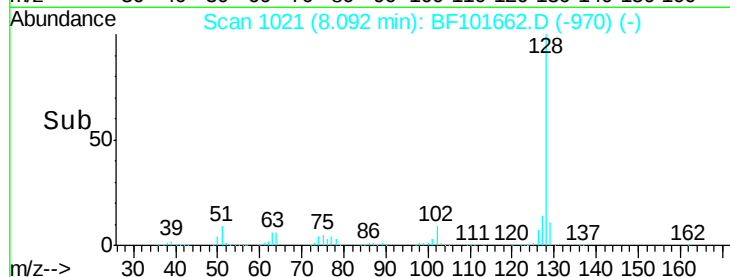
127 13.5 10.9 16.3



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: 10.254 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

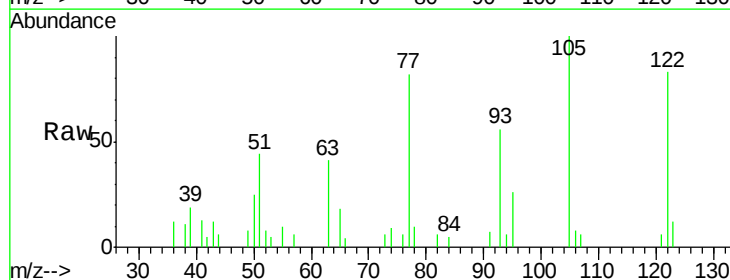
Tgt Ion:122 Resp: 14559

Ion Ratio Lower Upper

122 100

105 121.2 101.1 141.1

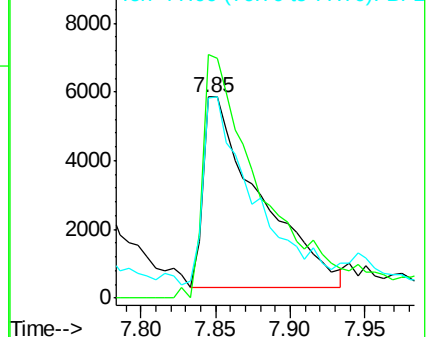
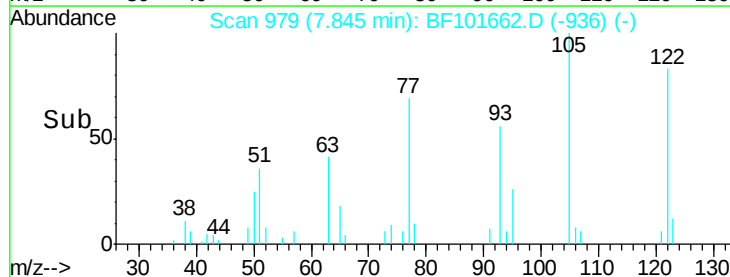
77 99.8 70.7 110.7

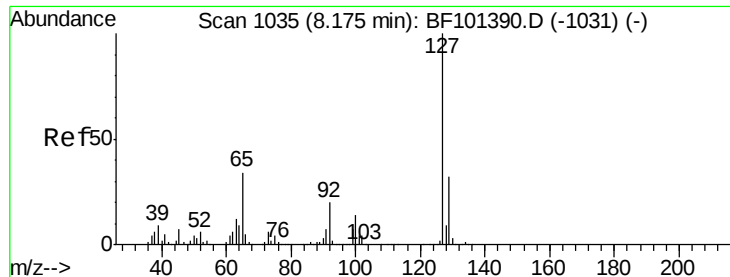


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

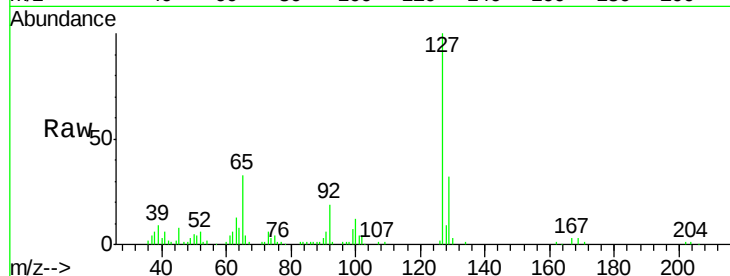




#33
4-Chloroaniline
Concen: 10.598 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

Tot Ion:	127	Resp:	125609
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	32.7	25.0	37.4
92	19.0	15.2	22.8

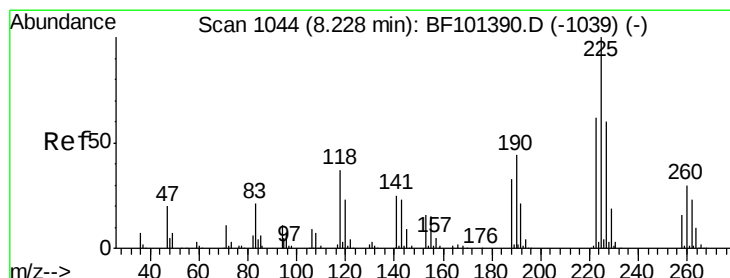
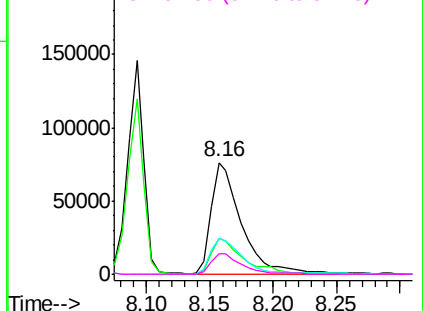
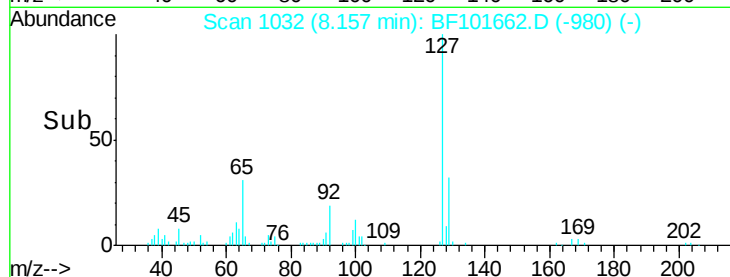


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

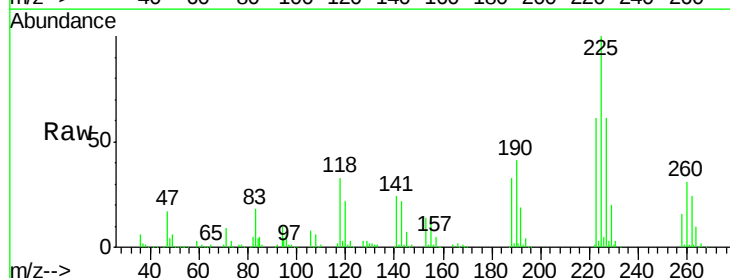
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 35.839 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

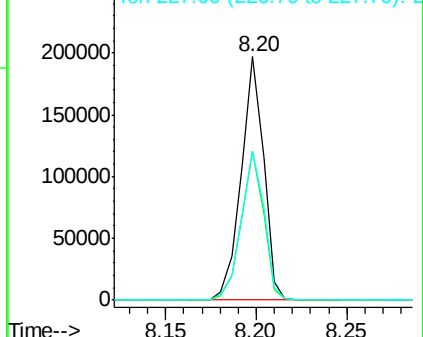
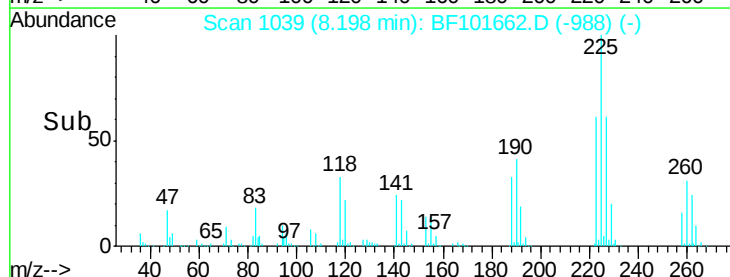
Tgt Ion:	225	Resp:	169861
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	61.3	51.9	77.9

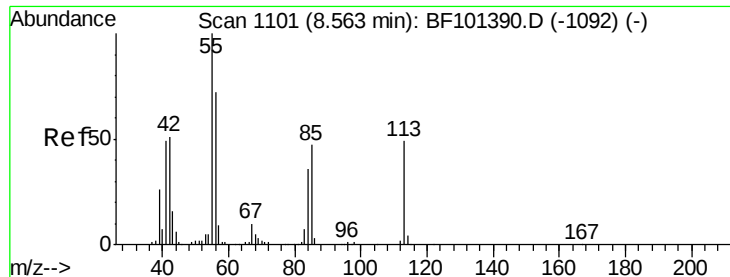


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.454 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

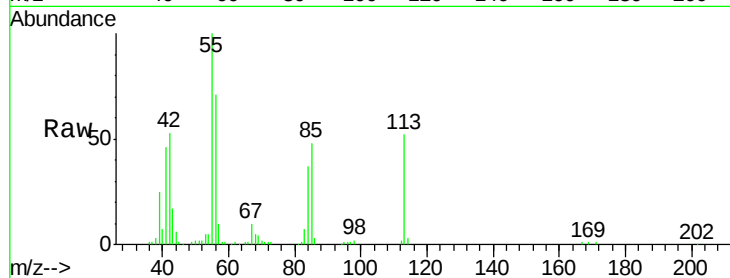
Tot Ion:113 Resp: 98293

Ion Ratio Lower Upper

113 100

55 193.8 163.3 203.3

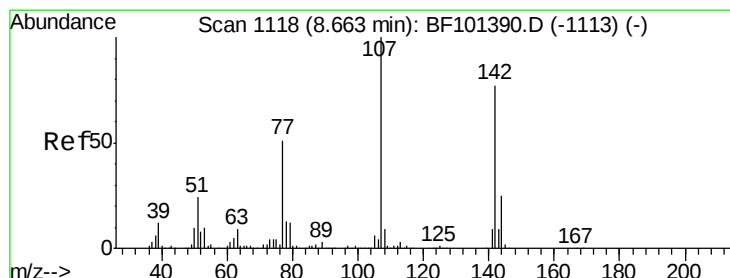
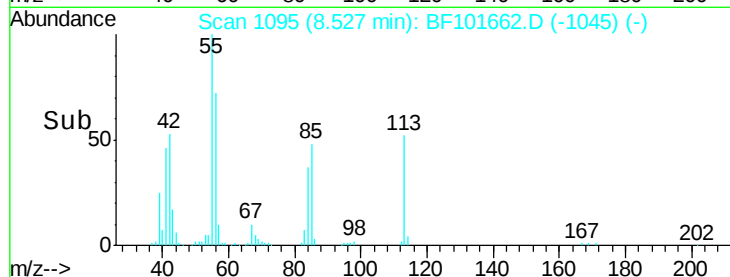
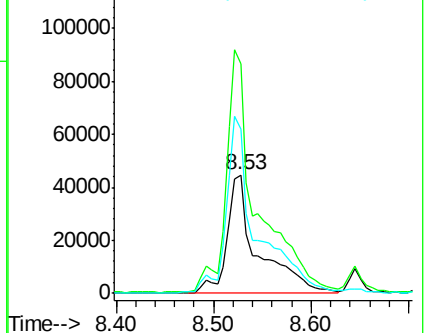
56 138.0 115.7 155.7



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: 35.483 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

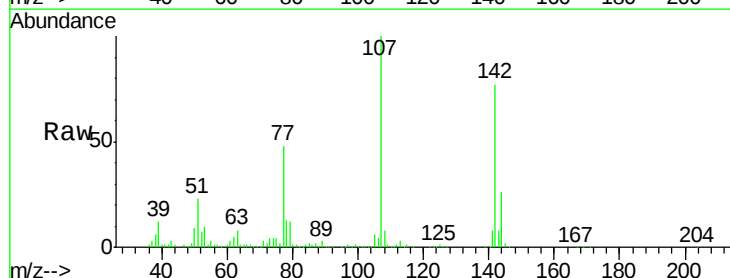
Tgt Ion:107 Resp: 302843

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

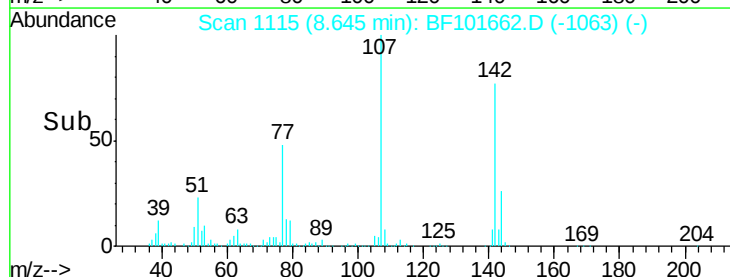
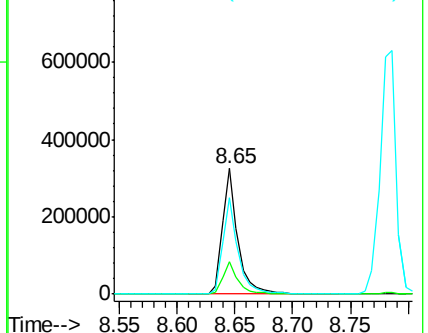
142 76.7 62.0 93.0

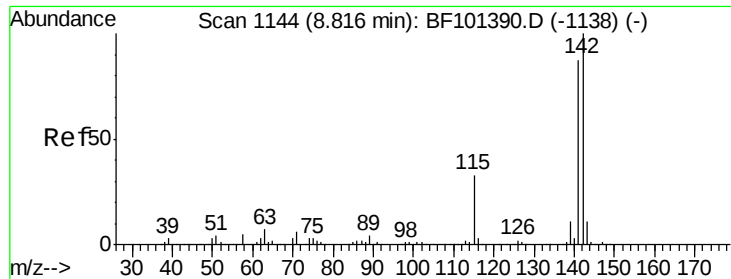


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

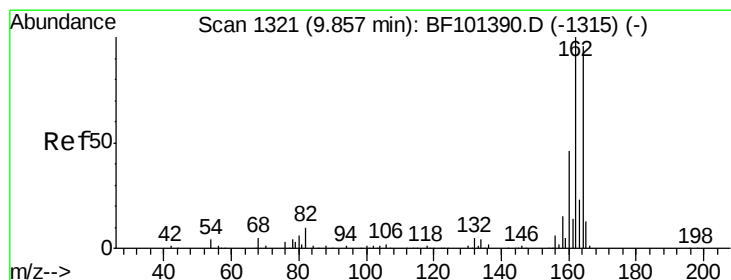
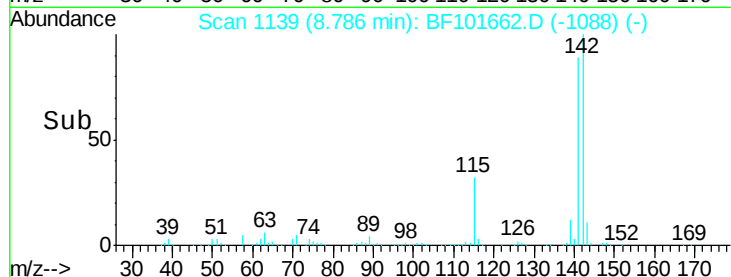
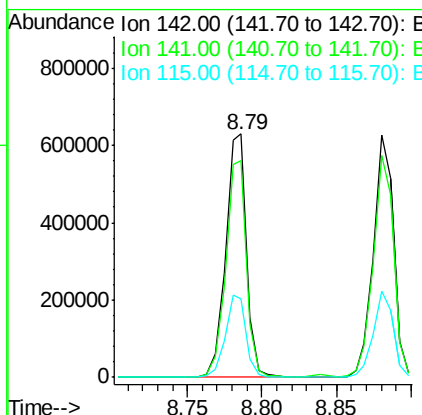
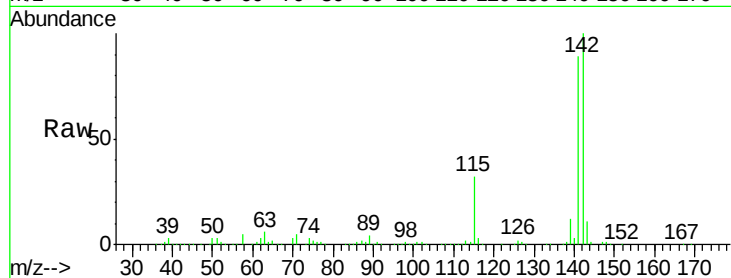




#37
2-Methylnaphthalene
Concen: 35.174 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

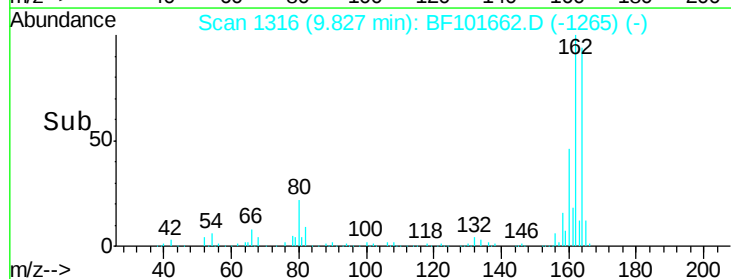
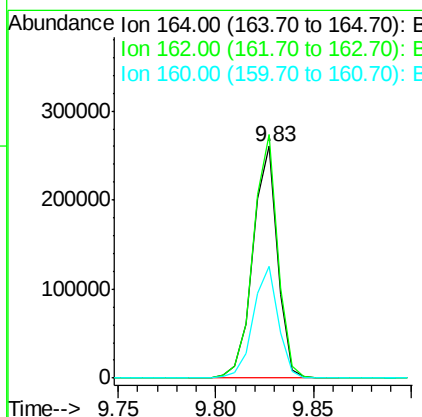
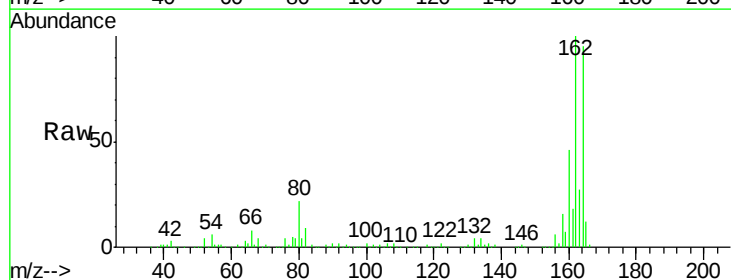
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

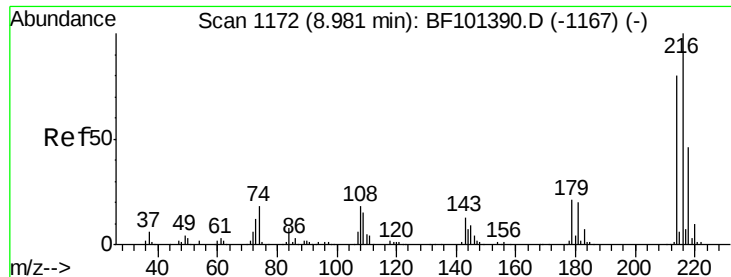
Tot Ion:142 Resp: 624902
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2
115 32.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:164 Resp: 227317
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 48.1 38.3 57.5

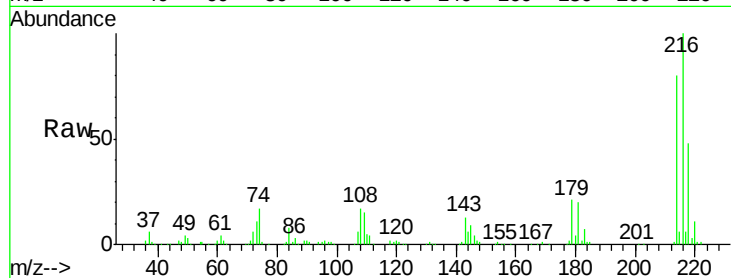




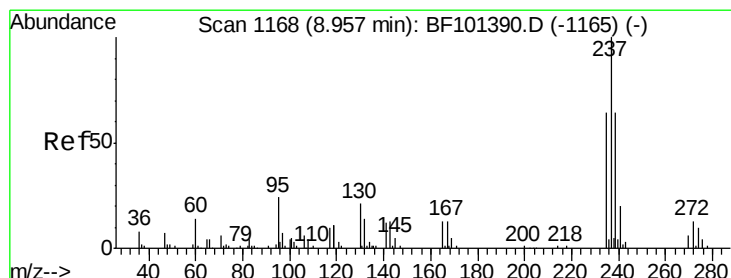
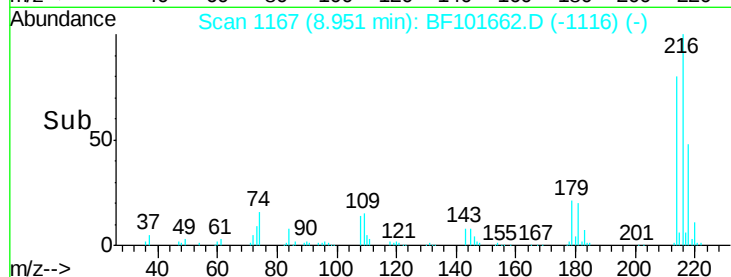
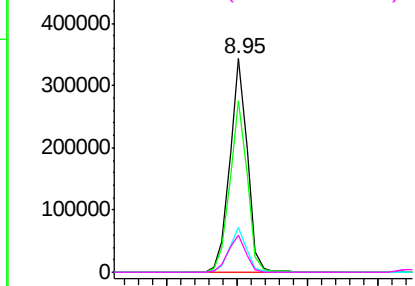
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.550 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

Tot Ion:216	Resp:	295865
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.0 94.4
179	20.6	18.1 27.1
108	17.6	17.2 25.8

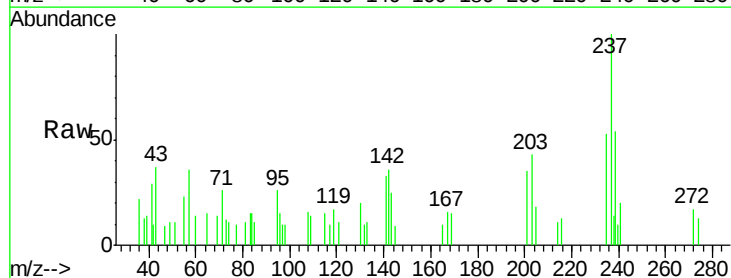


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

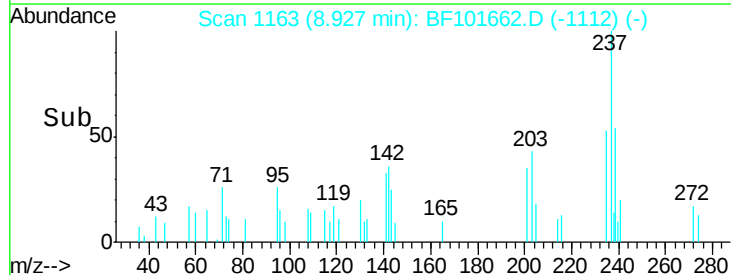
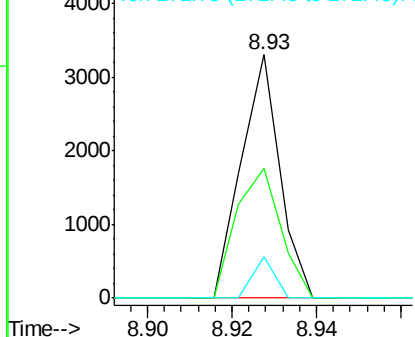


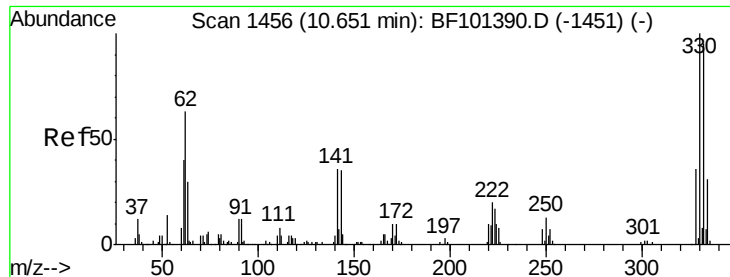
#40
 Hexachlorocyclopentadiene
 Concen: 13.193 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:237	Resp:	2094
Ion Ratio	Lower	Upper
237	100	
235	53.3	44.8 84.8
272	17.1	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

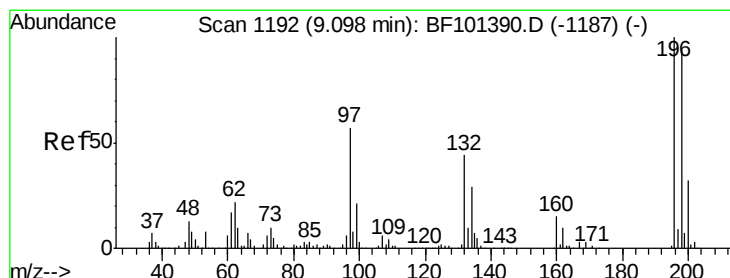
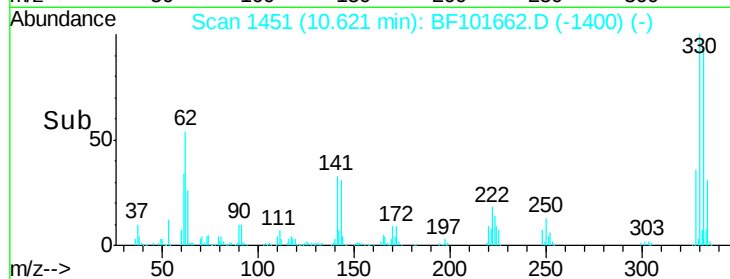
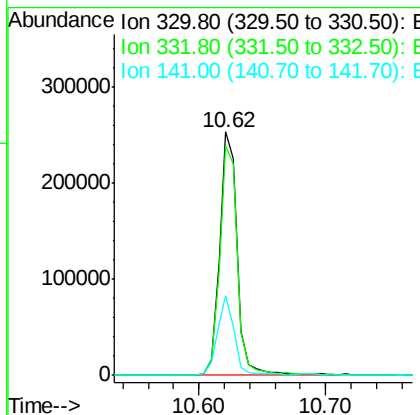
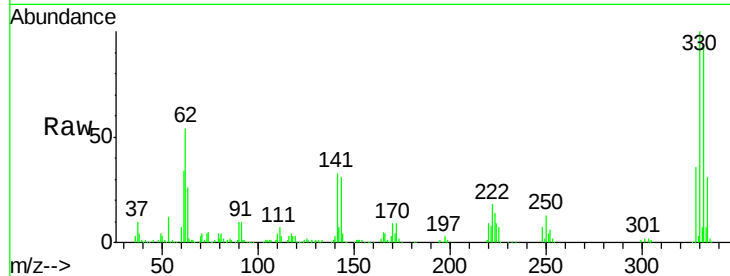




#41
 2,4,6-Tribromophenol
 Concen: 113.153 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

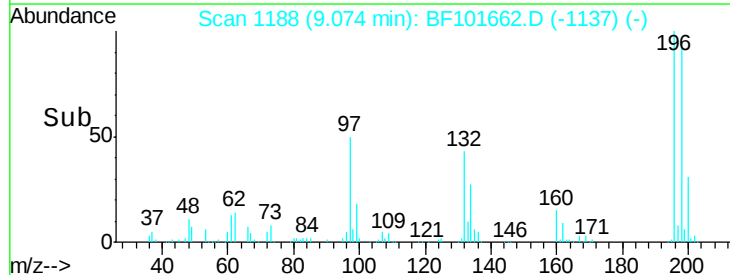
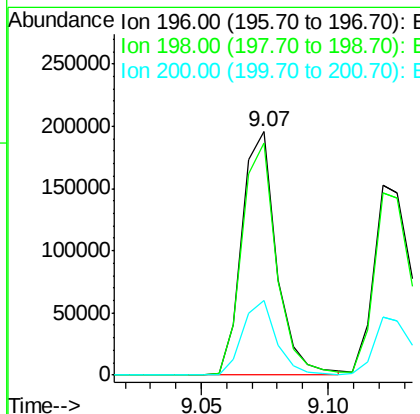
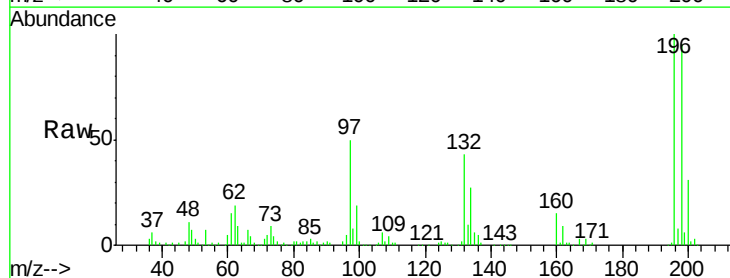
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

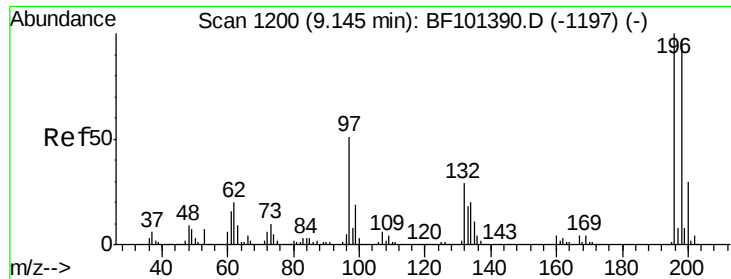
Tot Ion:330 Resp: 247848
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 31.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.272 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:196 Resp: 186076
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 30.7 24.5 36.7

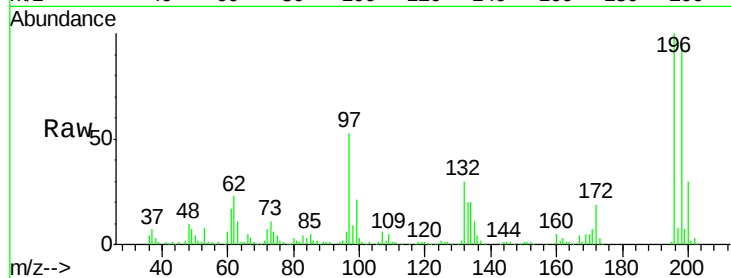




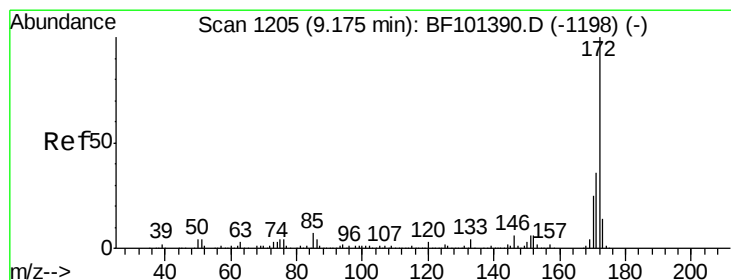
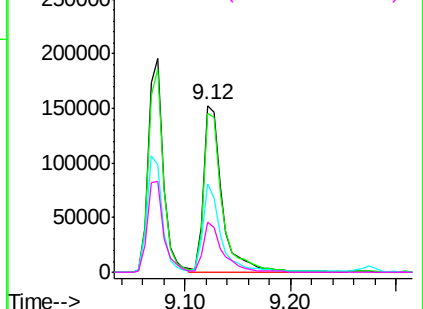
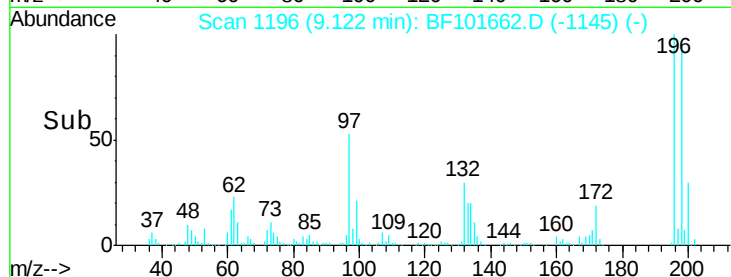
#43
 2,4,5-Trichlorophenol
 Concen: 36.608 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	53.4	42.9	64.3
132	30.3	26.3	39.5

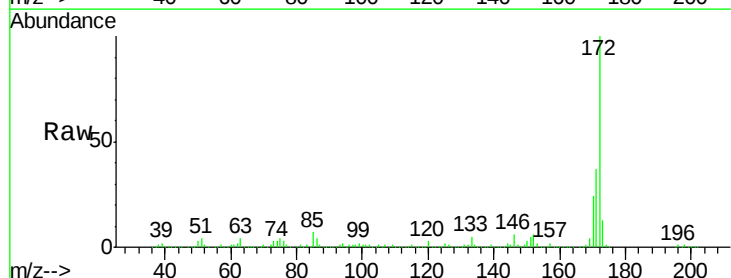


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

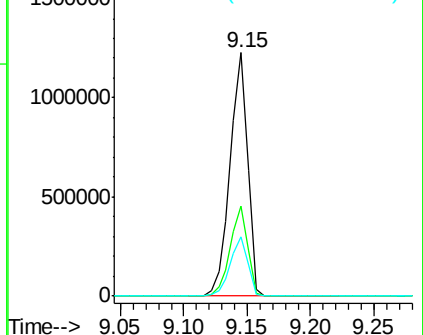
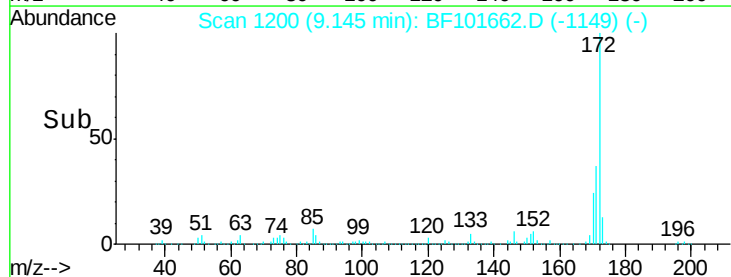


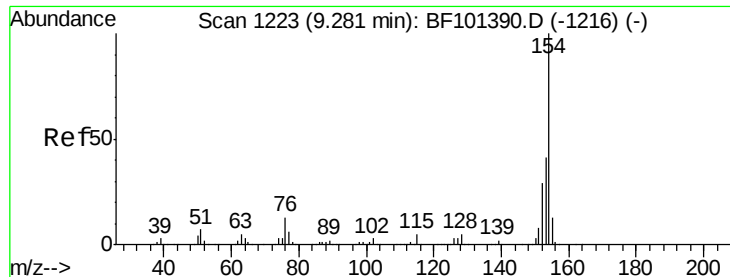
#44
 2-Fluorobiphenyl
 Concen: 80.273 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	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

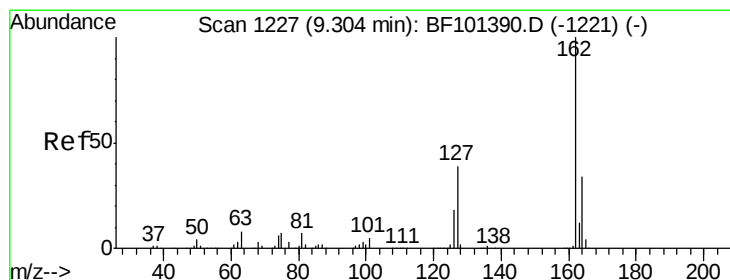
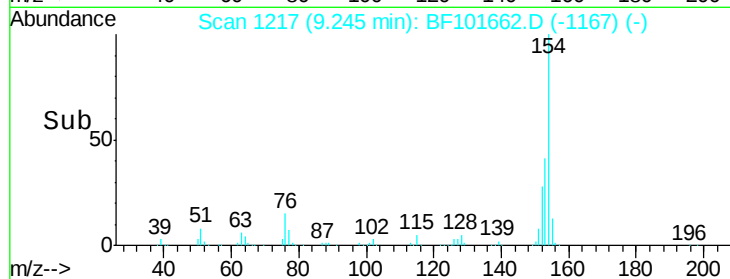
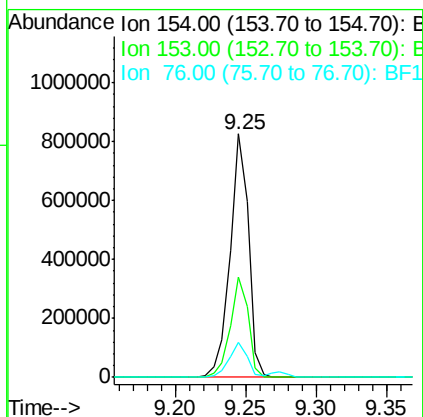
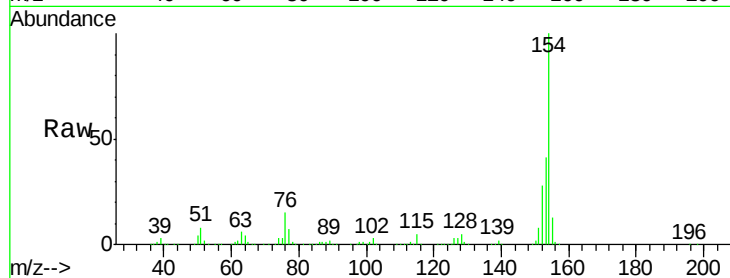




#45
 1,1'-Biphenyl
 Concen: 37.206 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

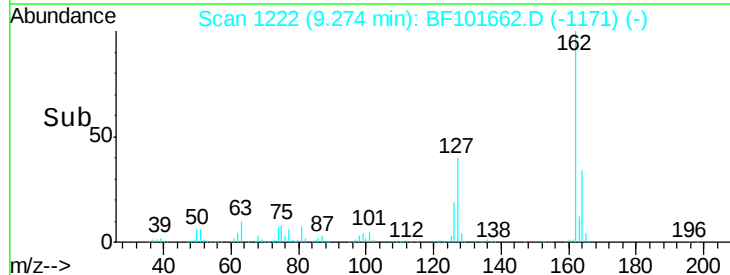
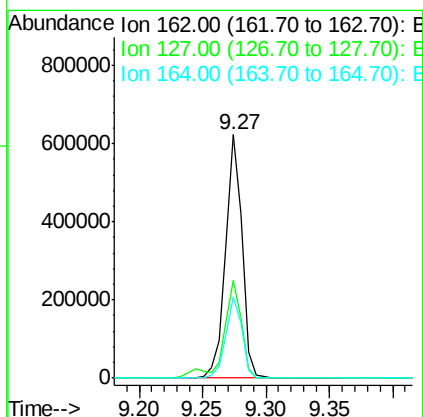
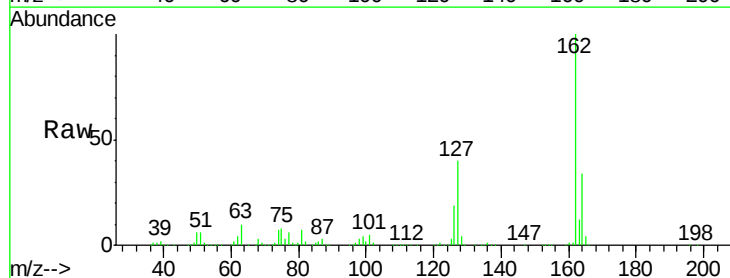
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

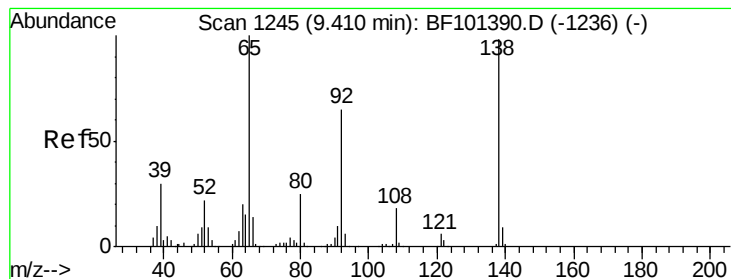
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	14.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 36.130 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	33.5	26.5	39.7





#47

2-Nitroaniline

Concen: 38.603 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

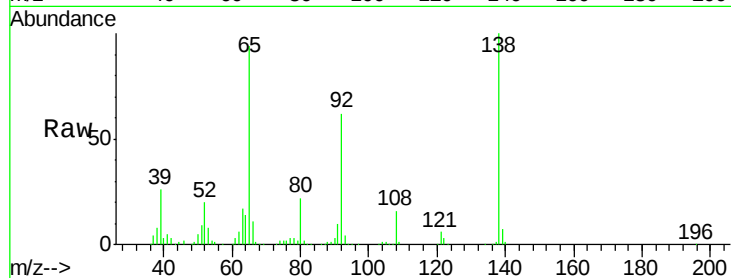
Tot Ion: 65 Resp: 205703

Ion Ratio Lower Upper

65 100

92 66.1 55.8 83.6

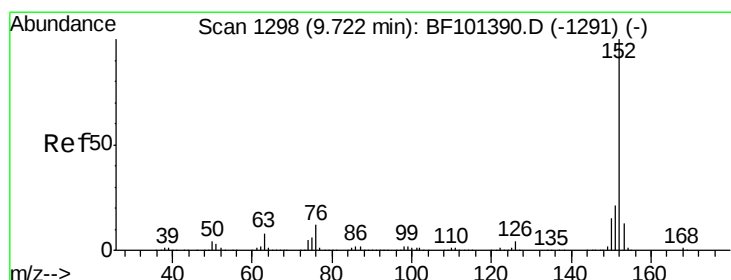
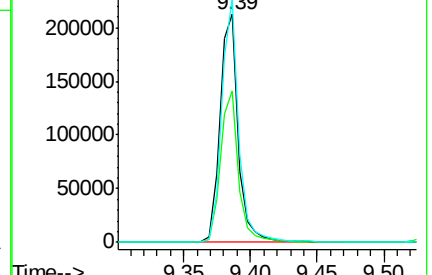
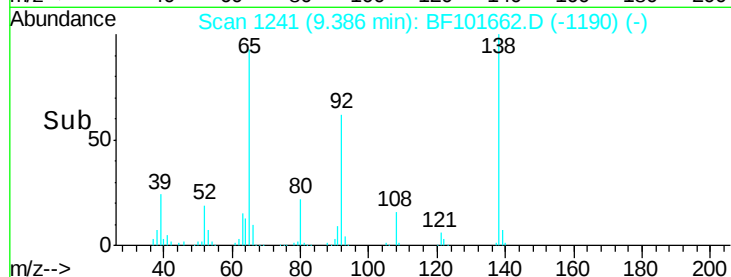
138 106.7 91.2 136.8



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: 32.982 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

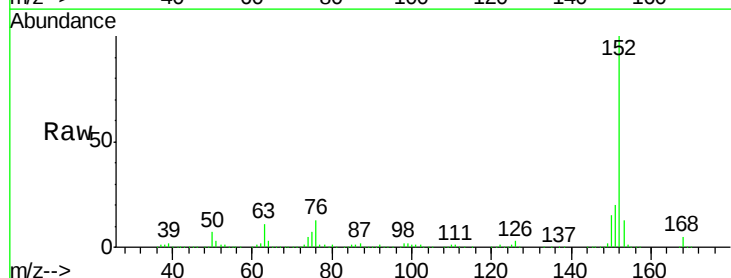
Tgt Ion: 152 Resp: 803567

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

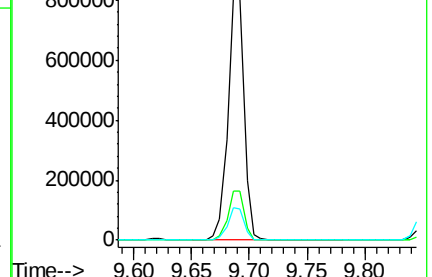
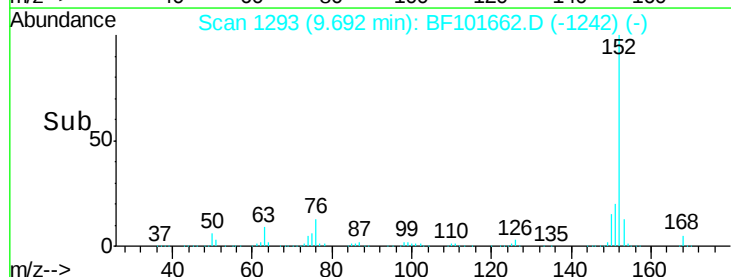
153 13.1 10.7 16.1

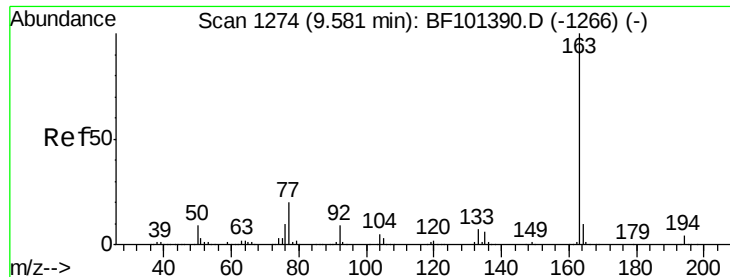


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

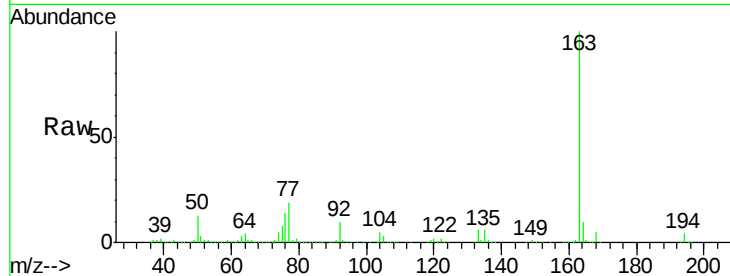




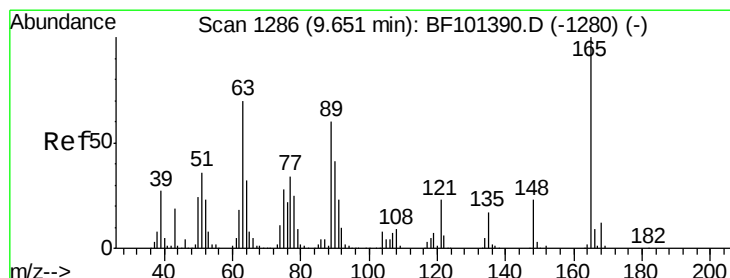
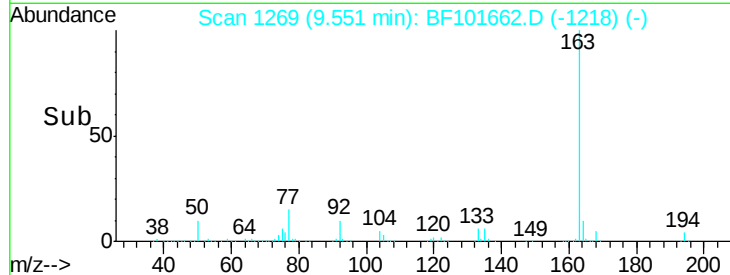
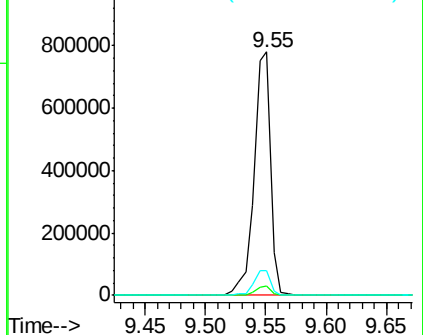
#49
Dimethylphthalate
Concen: 40.761 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

Tot Ion:163 Resp: 745288
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2

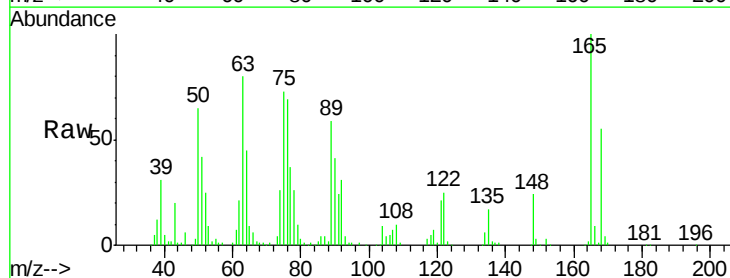


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

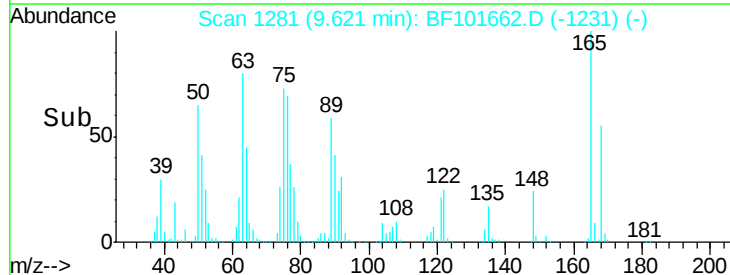
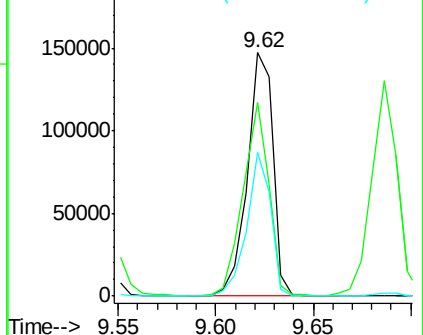


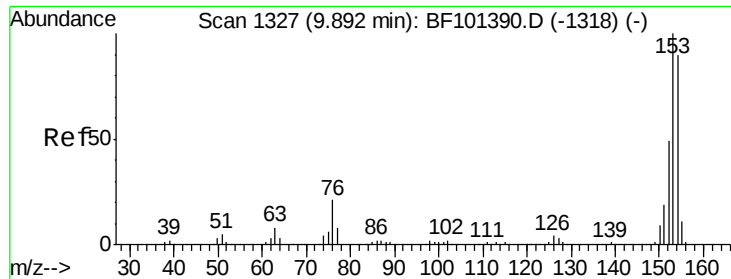
#50
2,6-Dinitrotoluene
Concen: 36.010 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:165 Resp: 133820
Ion Ratio Lower Upper
165 100
63 79.8 44.7 67.1#
89 59.2 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

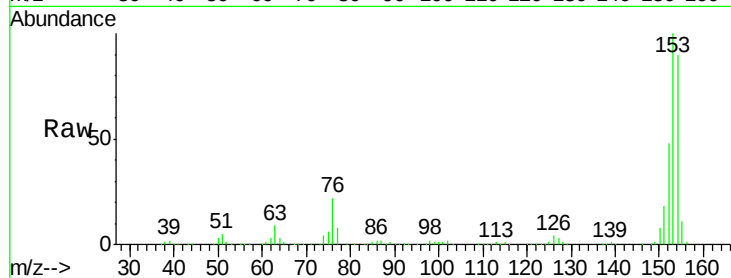




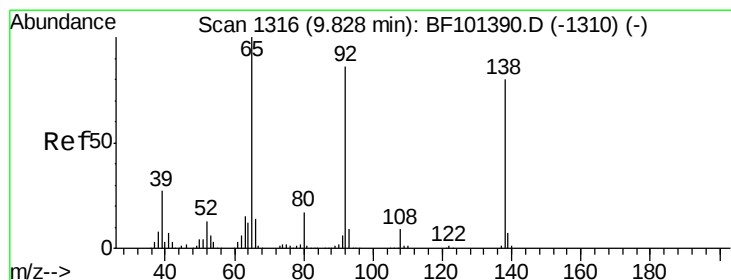
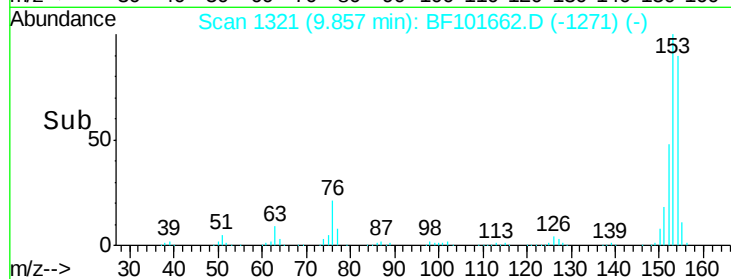
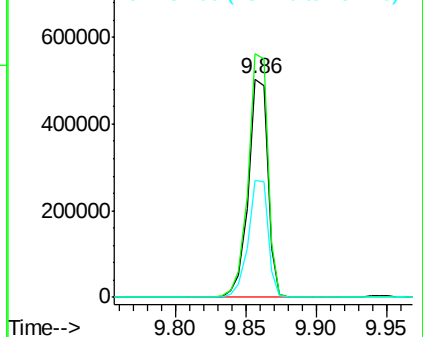
#51
Acenaphthene
Concen: 33.530 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

Tot Ion:154 Resp: 490806
Ion Ratio Lower Upper
154 100
153 111.6 91.2 136.8
152 53.4 43.8 65.8

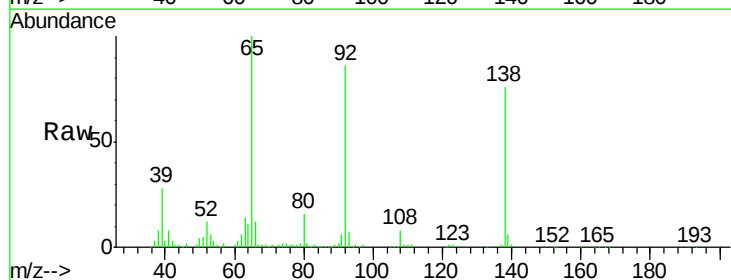


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

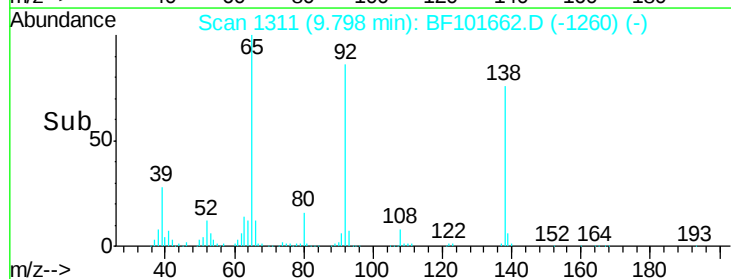
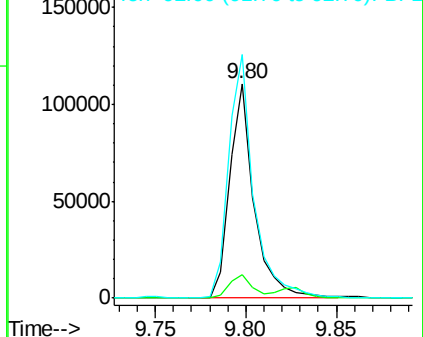


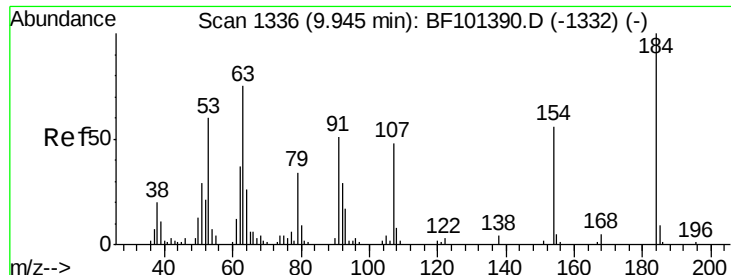
#52
3-Nitroaniline
Concen: 22.444 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:138 Resp: 103987
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 113.4 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

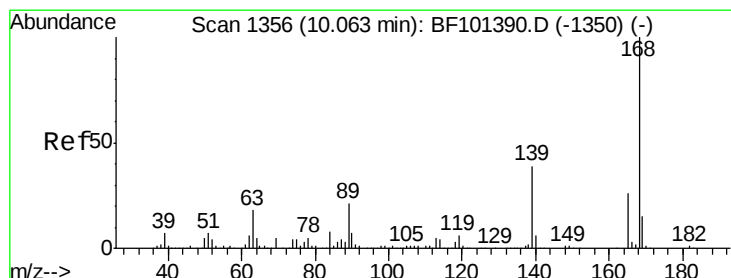
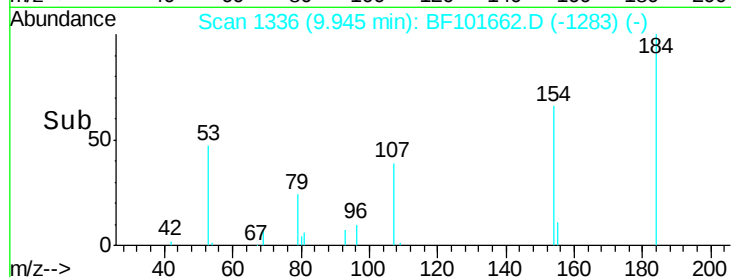
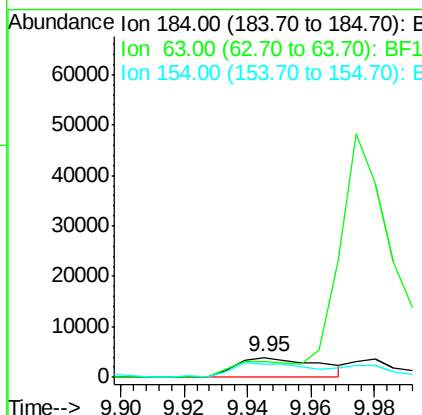
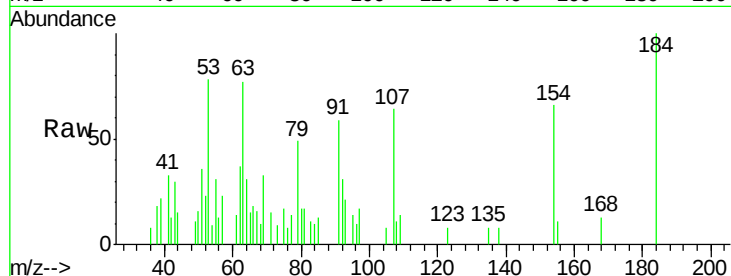




#53
2,4-Dinitrophenol
Concen: 15.095 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

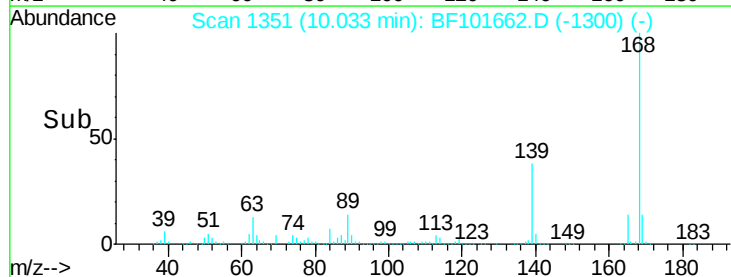
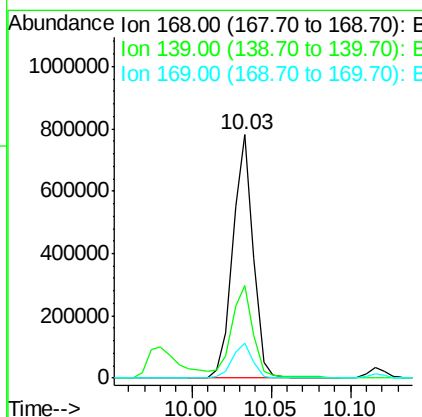
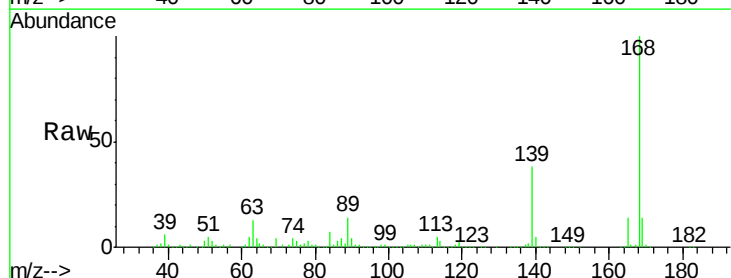
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

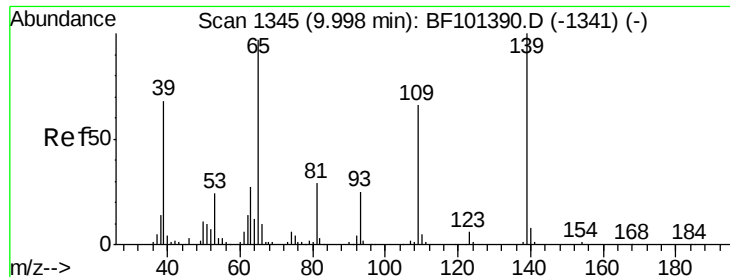
Tot Ion:184 Resp: 7096
Ion Ratio Lower Upper
184 100
63 76.8 54.2 81.2
154 66.1 184.0 276.0#



#54
Dibenzofuran
Concen: 37.170 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:168 Resp: 691446
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 14.3 10.9 16.3

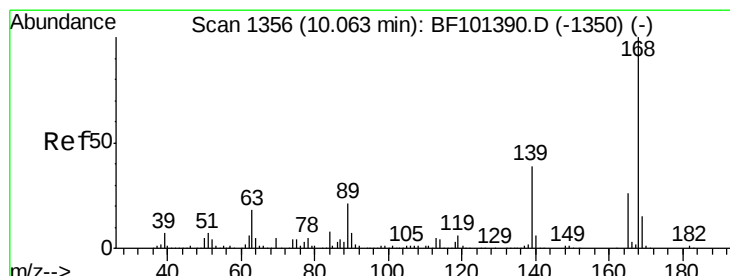
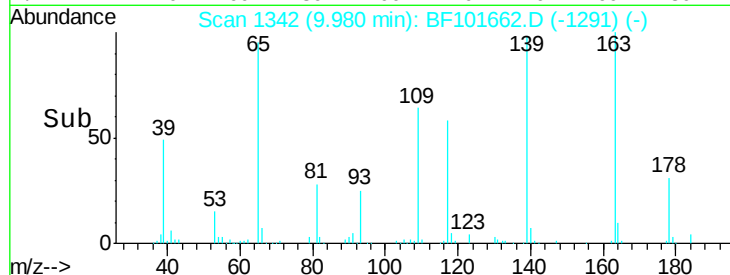
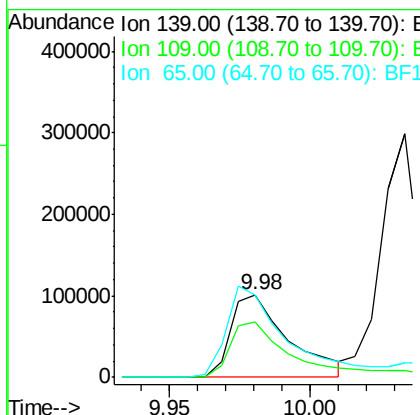
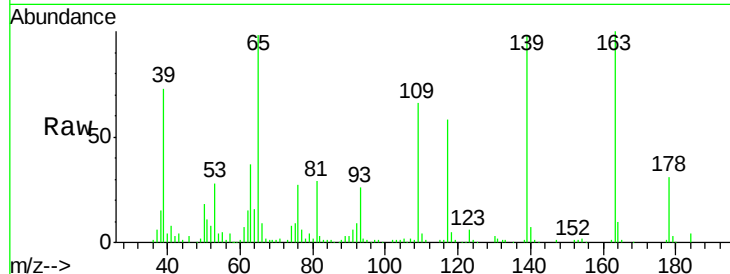




#55
4-Nitrophenol
Concen: 70.732 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

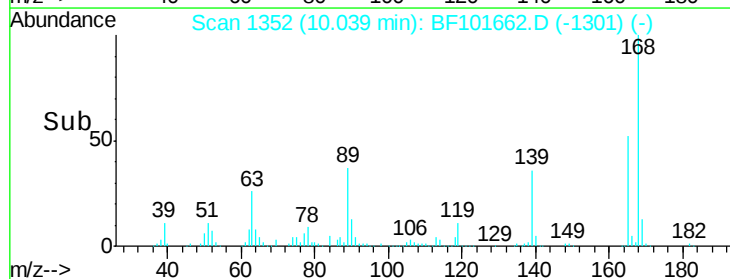
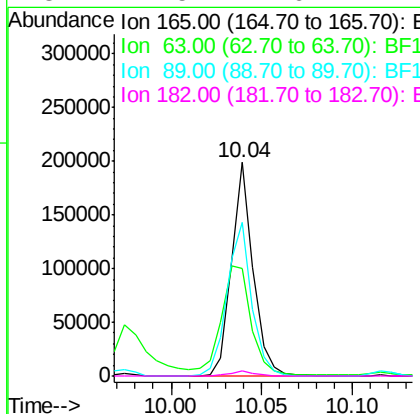
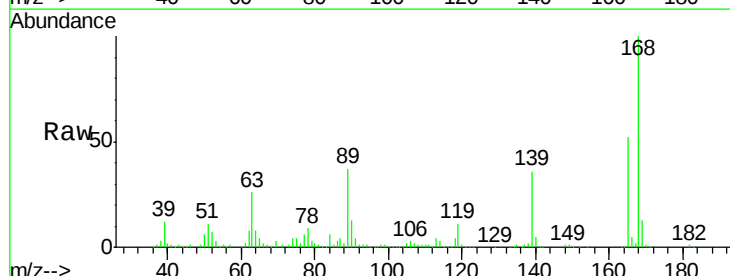
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

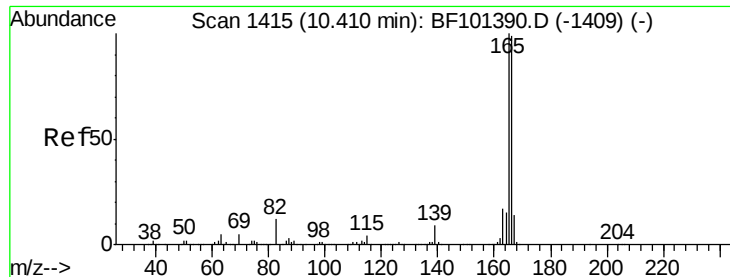
Tot Ion:139 Resp: 142897
Ion Ratio Lower Upper
139 100
109 66.8 48.4 88.4
65 100.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.493 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:165 Resp: 165353
Ion Ratio Lower Upper
165 100
63 50.5 36.4 54.6
89 72.0 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 35.090 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

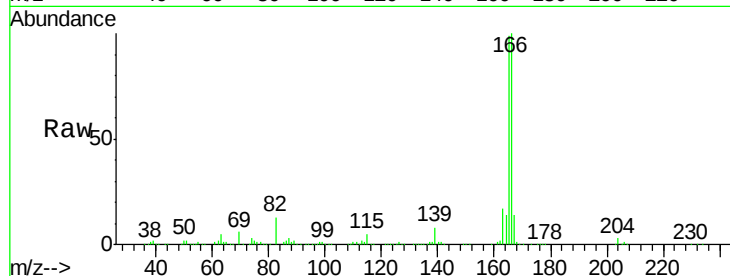
Tot Ion:166 Resp: 552188

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

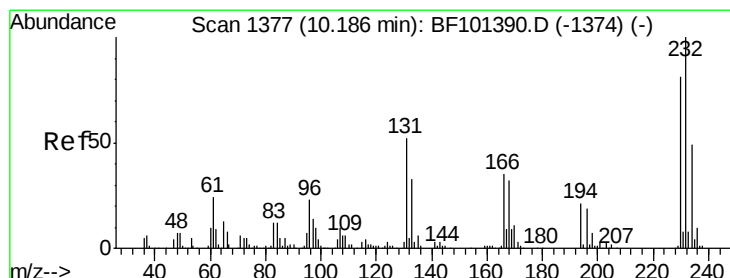
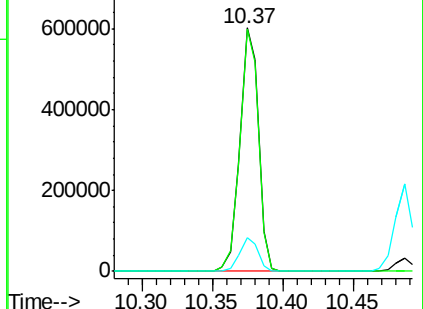
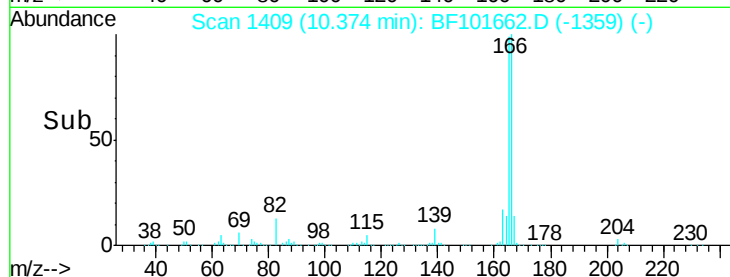
167 13.7 10.6 16.0



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: 40.007 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Tgt Ion:232 Resp: 145416

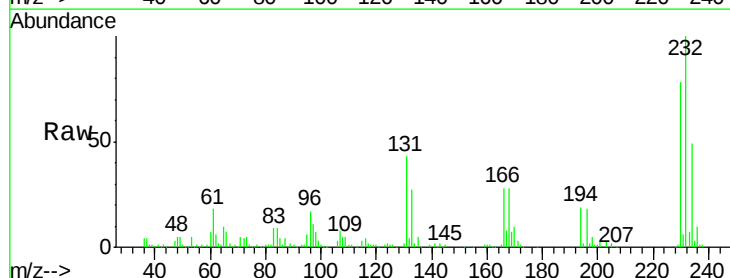
Ion Ratio Lower Upper

232 100

131 43.3 43.8 65.8#

130 2.0 2.1 3.1#

166 28.5 27.8 41.6

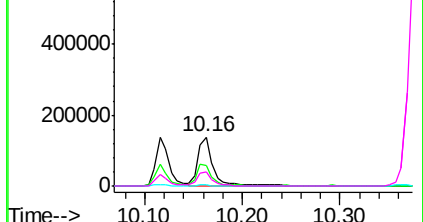
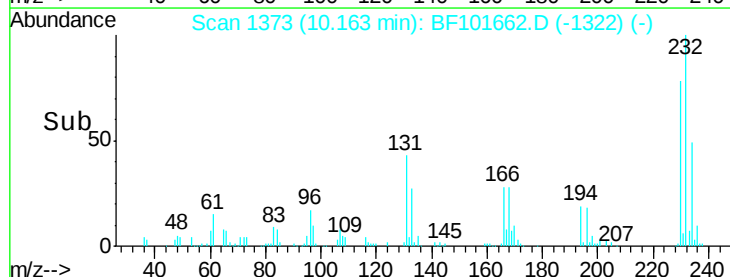


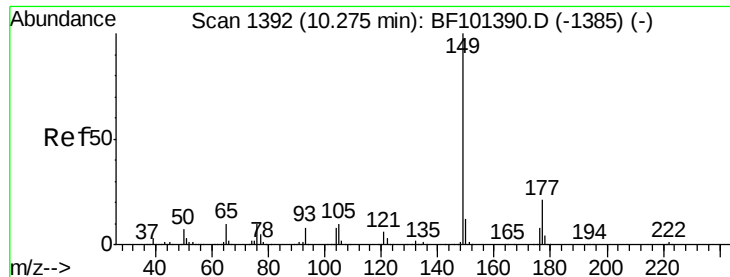
Abundance Ion 232.00 (231.70 to 232.70): E

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

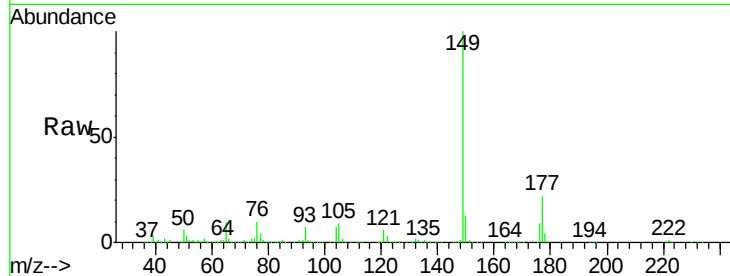




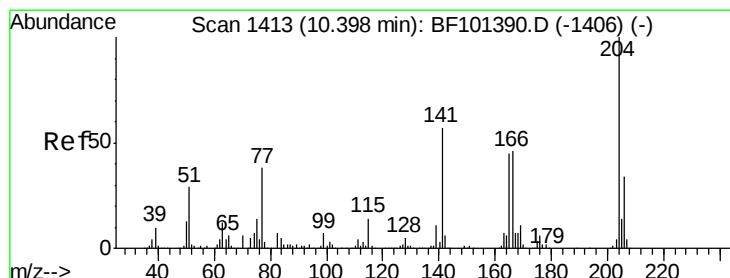
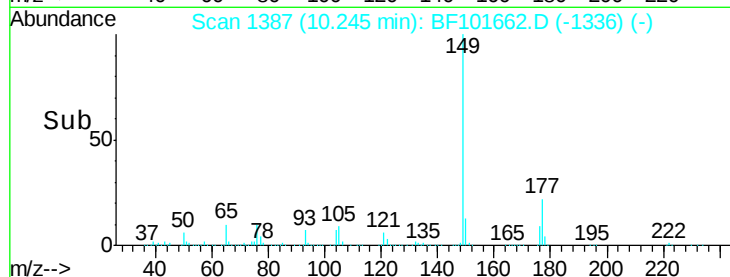
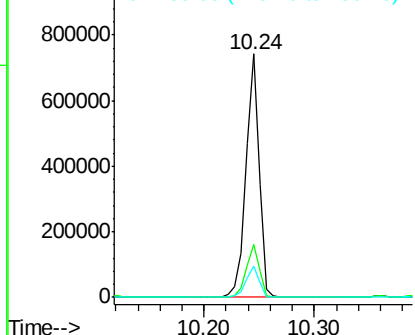
#59
Diethylphthalate
Concen: 34.500 ng
RT: 10.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

Tot Ion:149 Resp: 624697
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.8 10.1 15.1

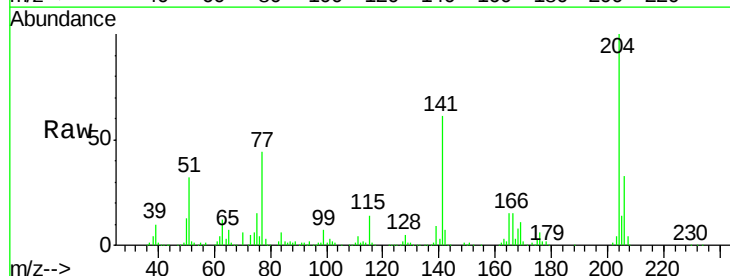


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

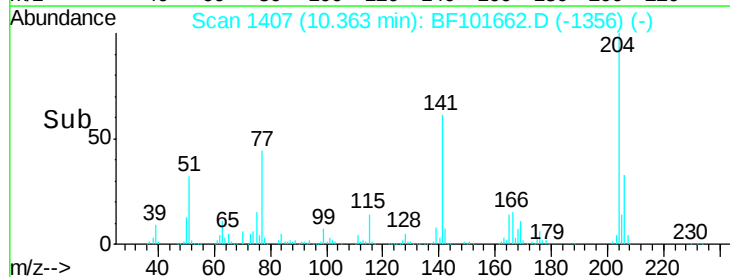
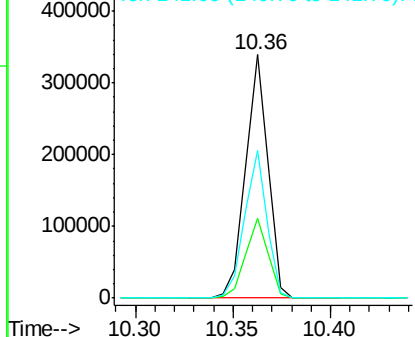


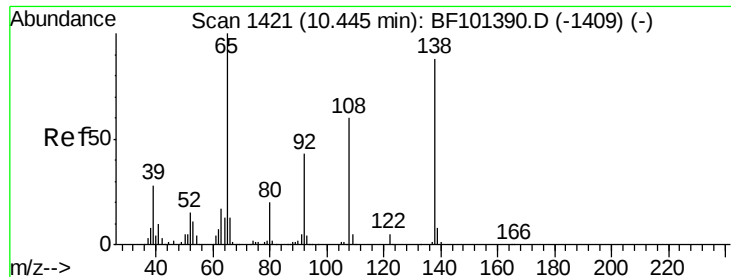
#60
4-Chlorophenyl-phenylether
Concen: 35.964 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:204 Resp: 271234
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 60.8 54.6 81.8



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

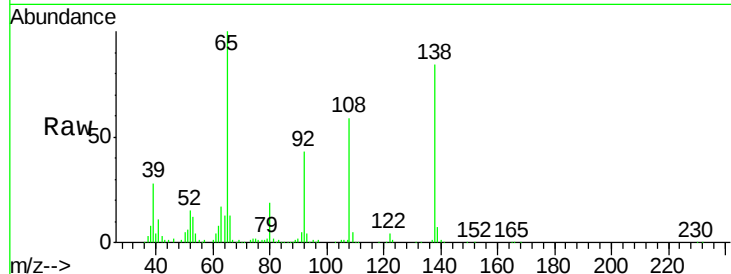




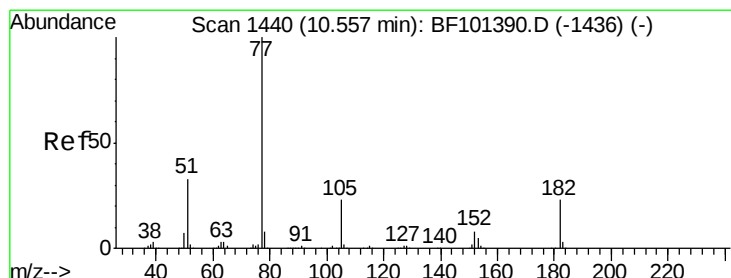
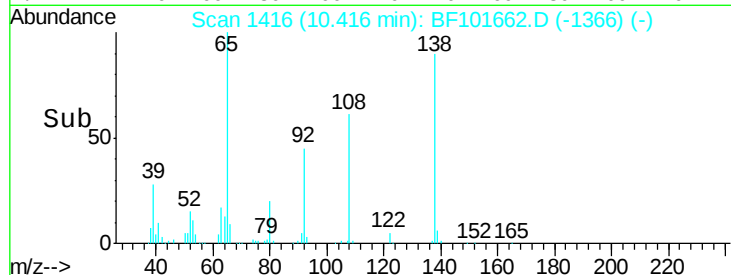
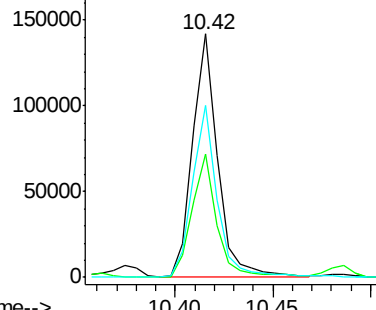
#61
4-Nitroaniline
Concen: 27.444 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

Tot Ion:138 Resp: 127808
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 70.5 52.5 92.5

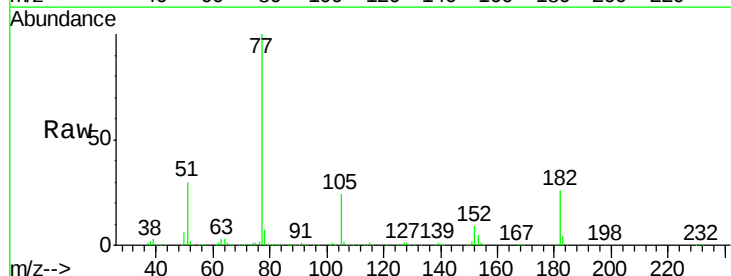


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

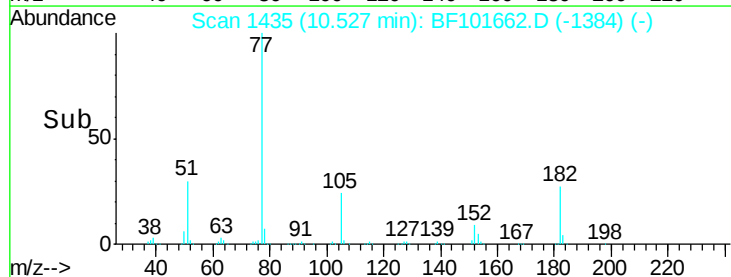
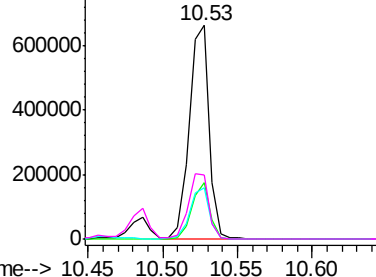


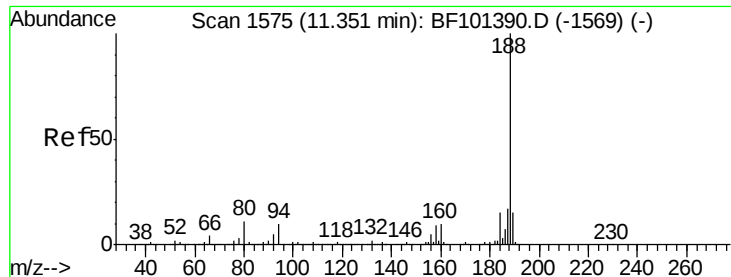
#62
Azobenzene
Concen: 32.981 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion: 77 Resp: 618633
Ion Ratio Lower Upper
77 100
182 26.5 1.7 41.7
105 24.0 3.0 43.0
51 30.1 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

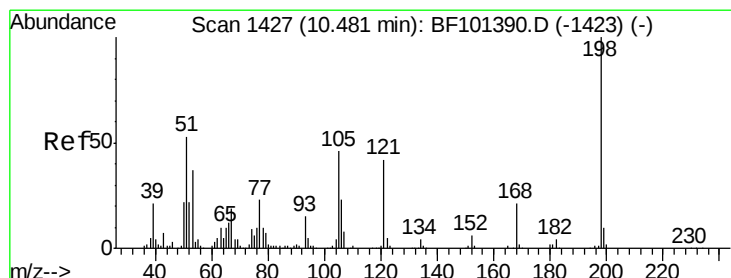
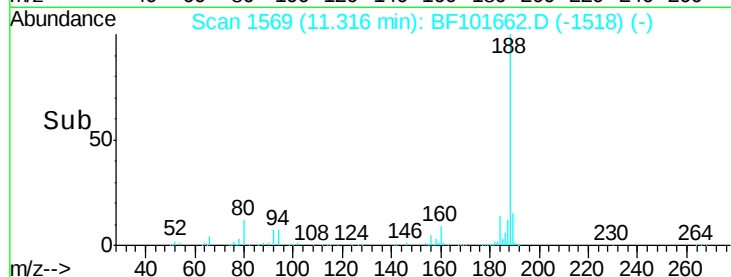
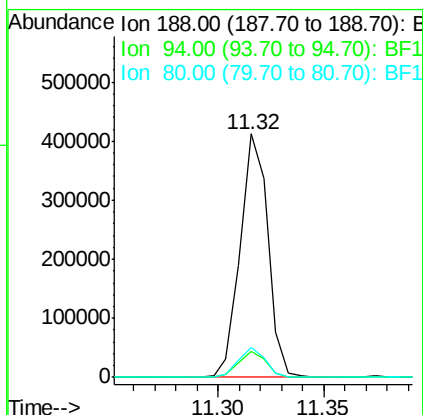
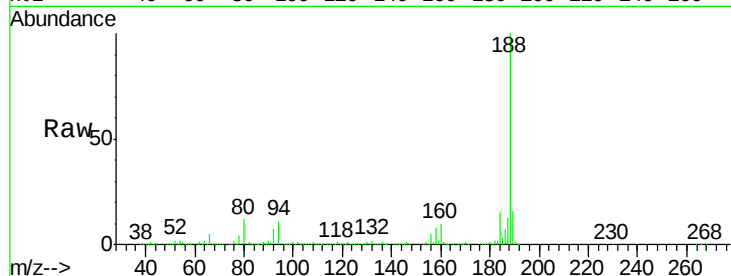




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

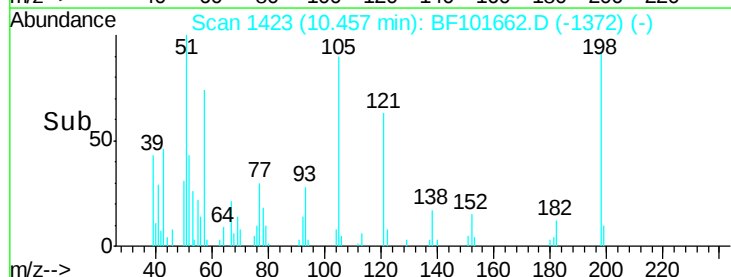
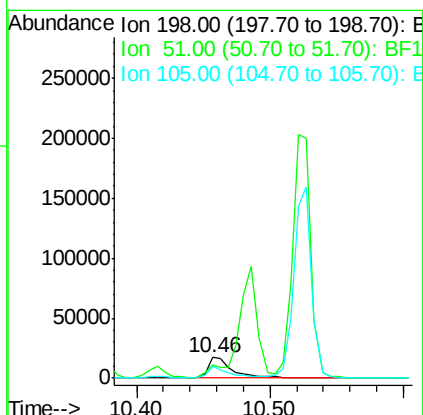
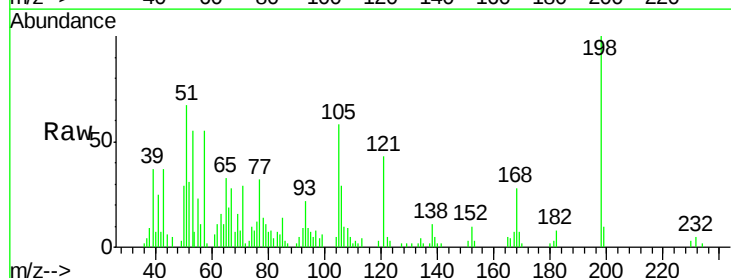
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

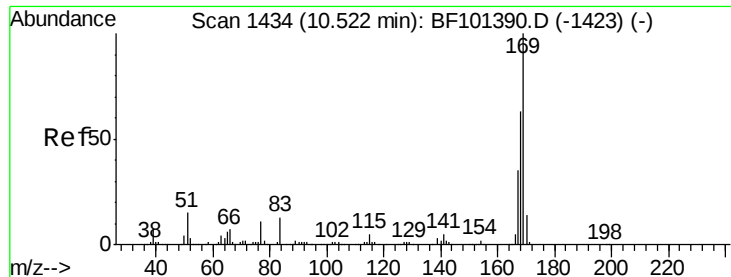
Tot Ion:188 Resp: 373981
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 11.613 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:198 Resp: 22162
Ion Ratio Lower Upper
198 100
51 67.4 37.7 77.7
105 58.1 36.3 76.3

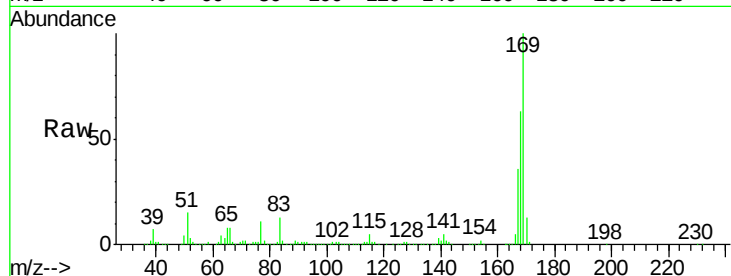




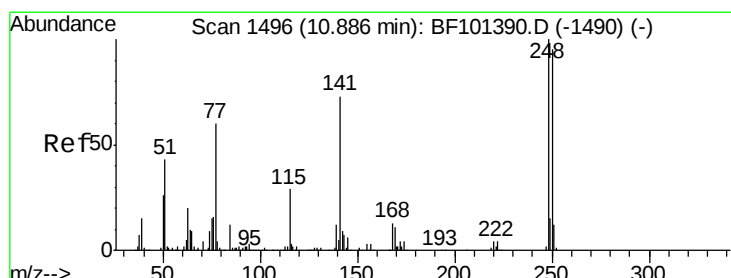
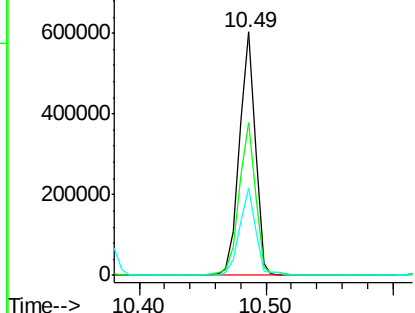
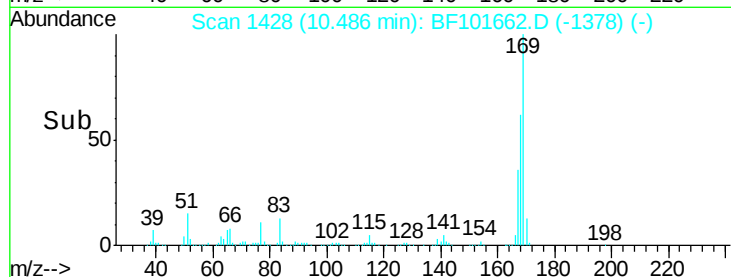
#65
 n-Nitrosodiphenylamine
 Concen: 37.261 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

Tot Ion:169 Resp: 514534
 Ion Ratio Lower Upper
 169 100
 168 62.6 54.4 81.6
 167 35.7 29.8 44.6

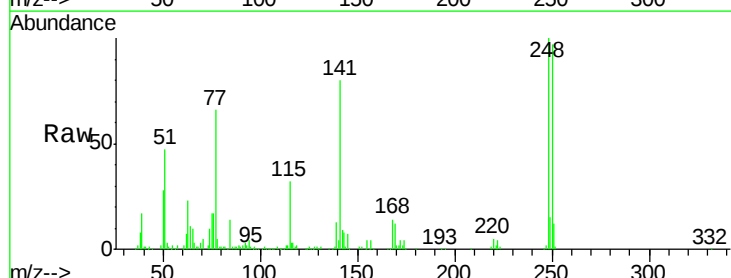


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

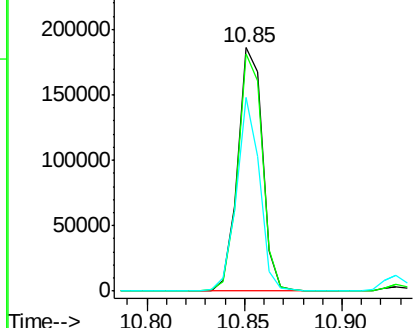
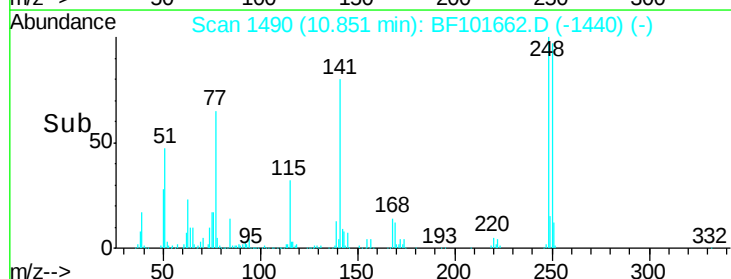


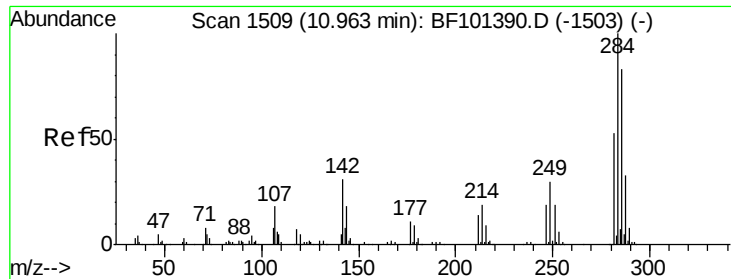
#66
 4-Bromophenyl-phenylether
 Concen: 38.916 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:248 Resp: 163530
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 79.8 74.4 111.6



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





#67

Hexachlorobenzene

Concen: 35.650 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

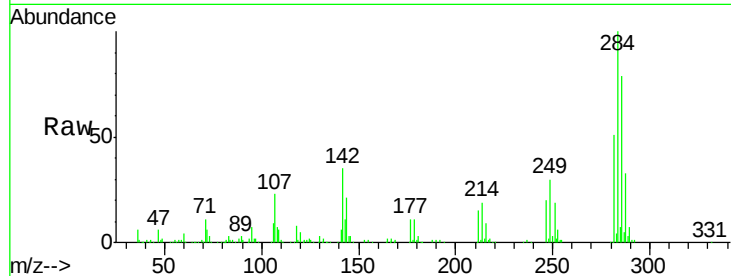
Tot Ion:284 Resp: 158553

Ion Ratio Lower Upper

284 100

142 35.1 34.6 52.0

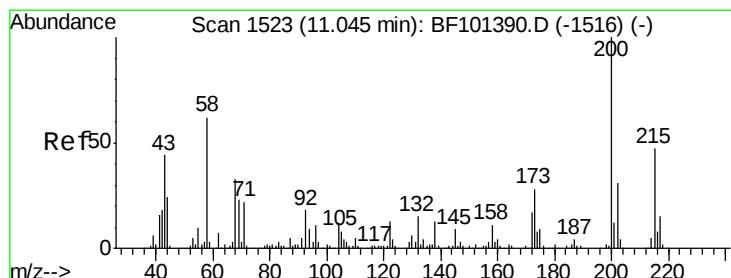
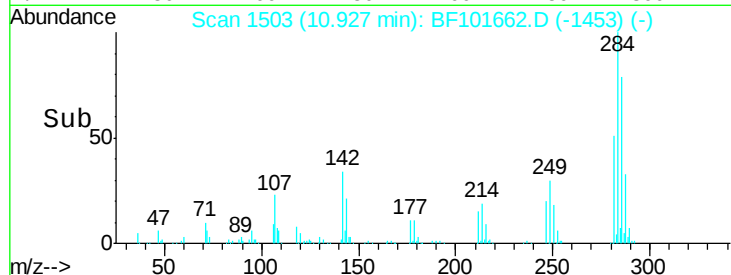
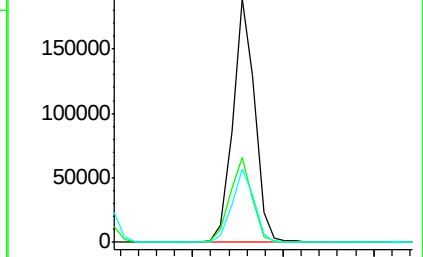
249 30.0 24.8 37.2



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: 38.734 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

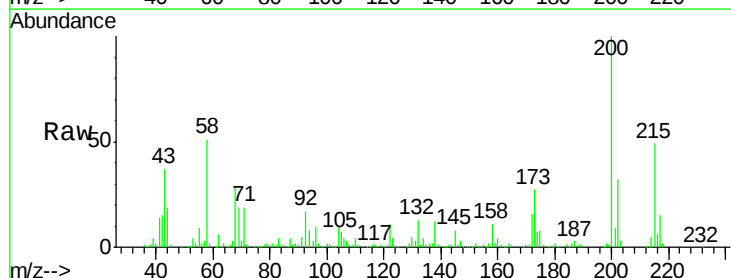
Tgt Ion:200 Resp: 159489

Ion Ratio Lower Upper

200 100

173 27.5 8.6 48.6

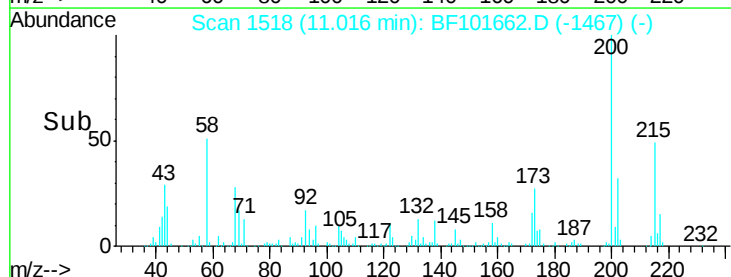
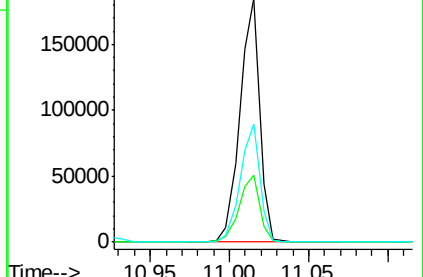
215 48.5 25.1 65.1

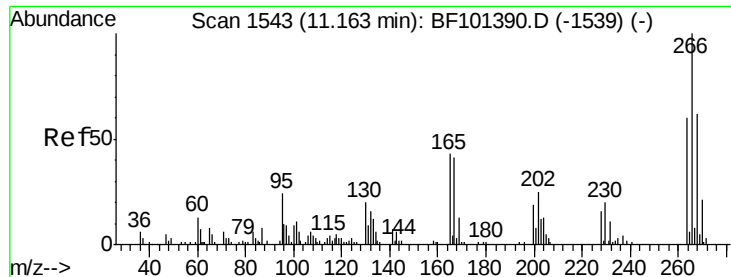


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

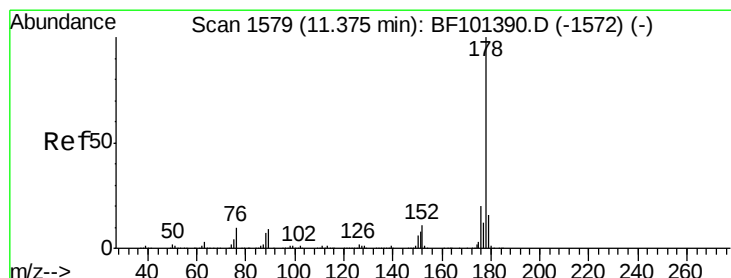
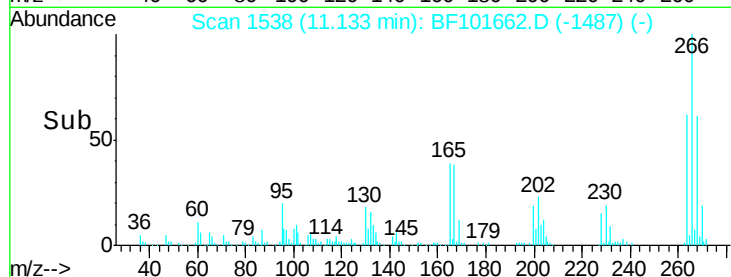
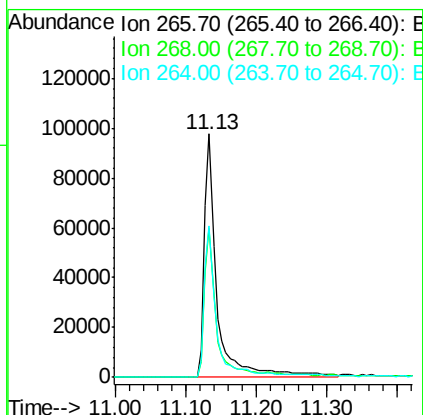
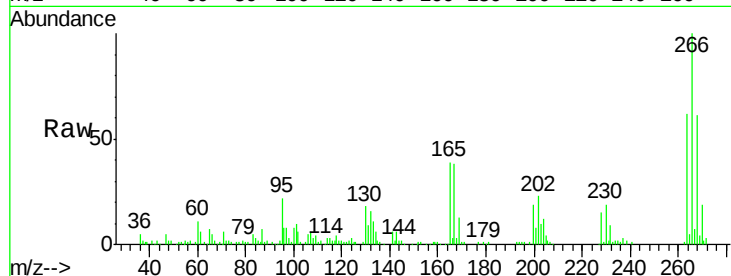




#69
 Pentachlorophenol
 Concen: 72.354 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

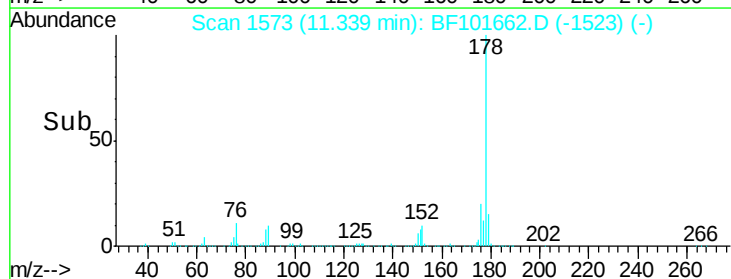
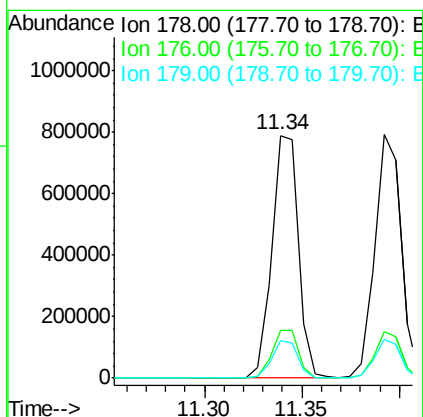
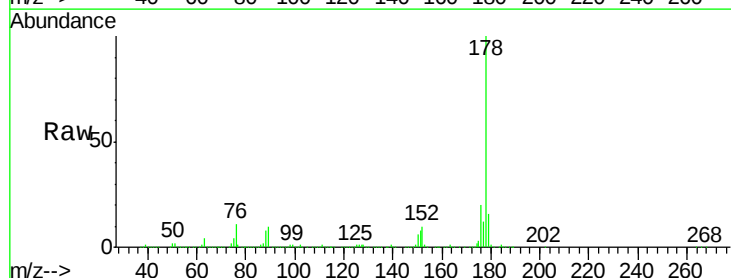
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

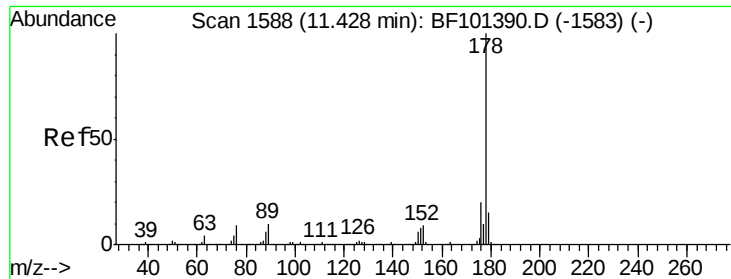
Tot Ion:266 Resp: 123956
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 62.0 49.5 74.3



#70
 Phenanthrene
 Concen: 35.696 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:178 Resp: 742383
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.7 13.0 19.6

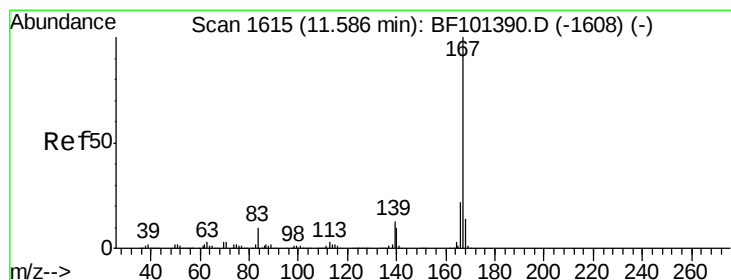
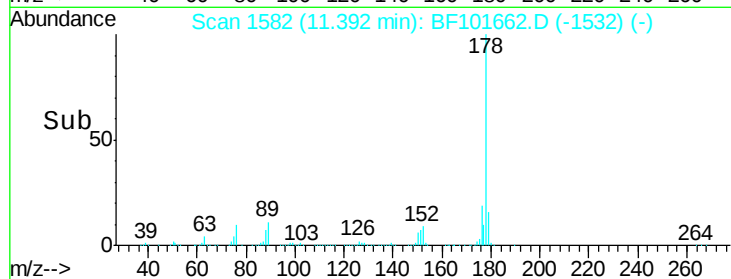
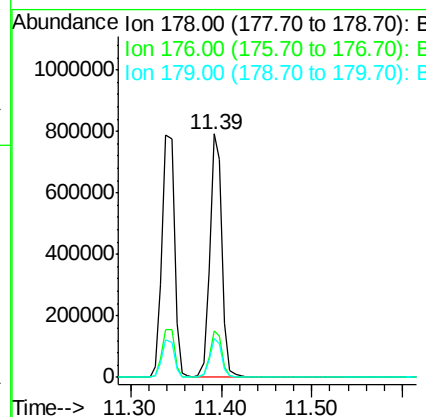
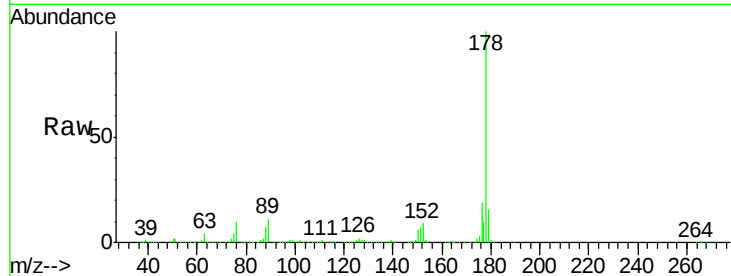




#71
 Anthracene
 Concen: 35.256 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

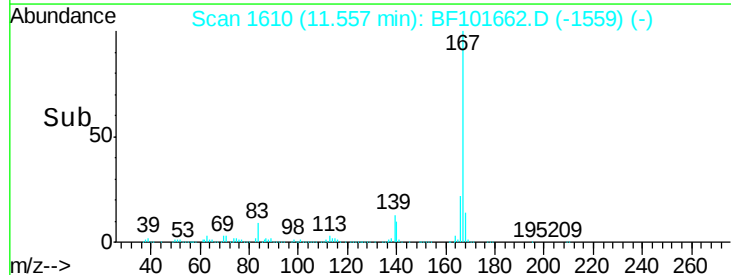
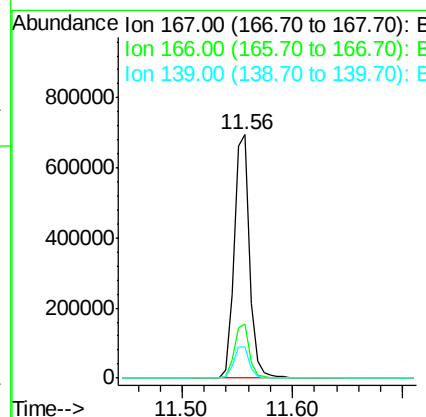
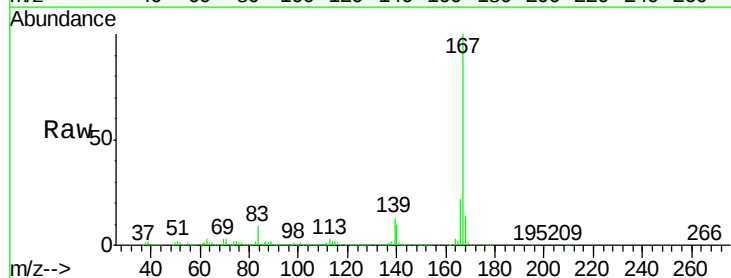
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

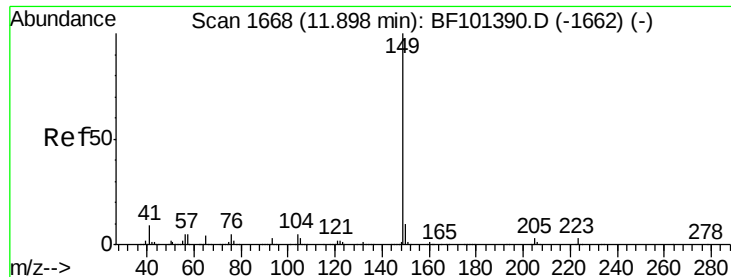
Tot Ion:178 Resp: 748987
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 34.082 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:167 Resp: 677903
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.8 10.9 16.3

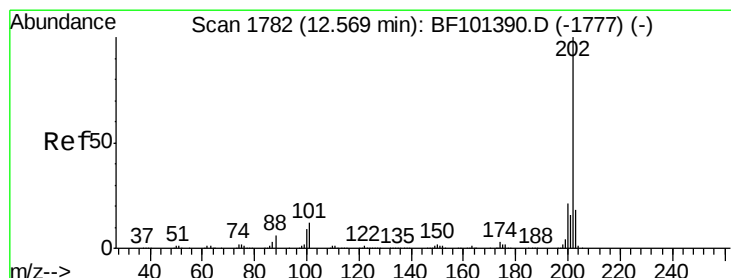
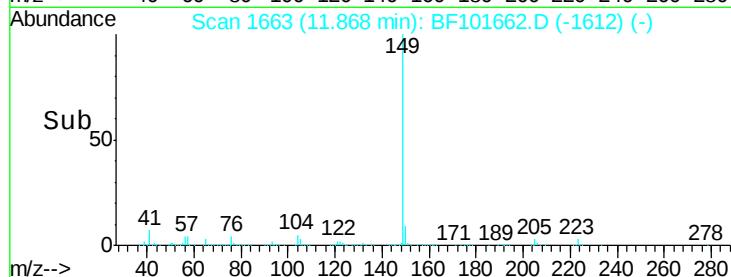
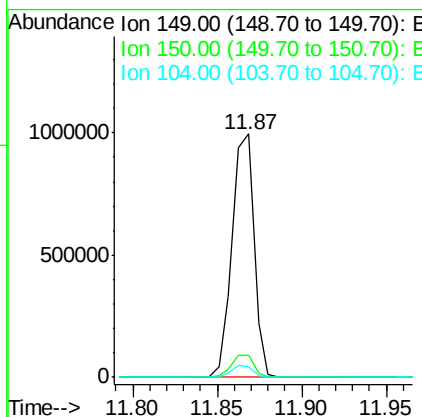
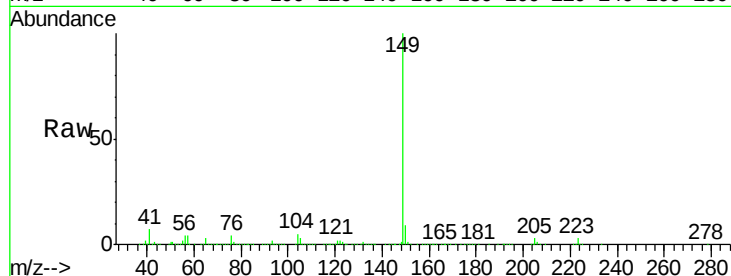




#73
Di-n-butylphthalate
Concen: 37.219 ng
RT: 11.87 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

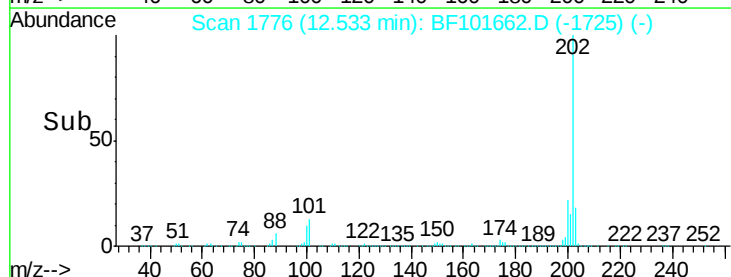
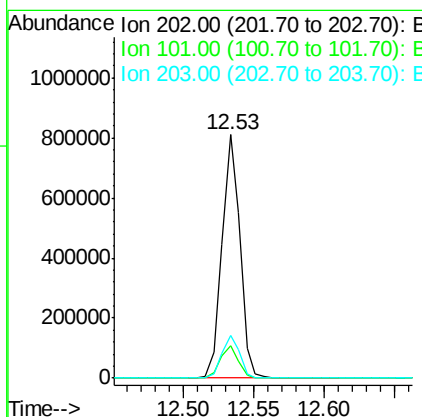
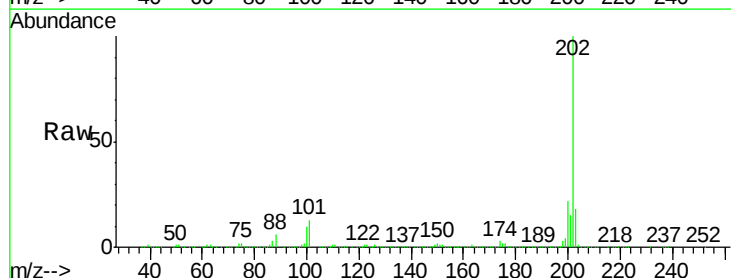
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

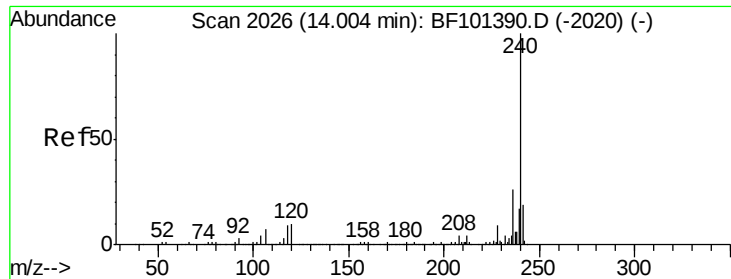
Tot Ion:149 Resp: 898509
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 32.781 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:202 Resp: 715605
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

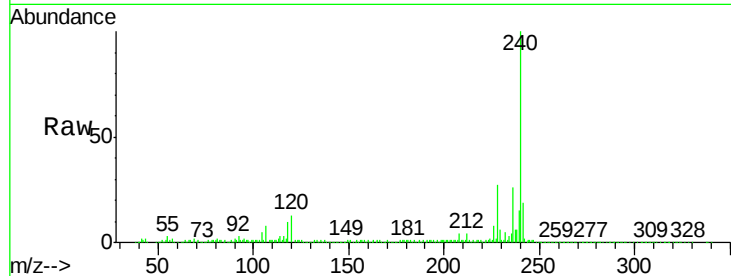
Tot Ion:240 Resp: 269012

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

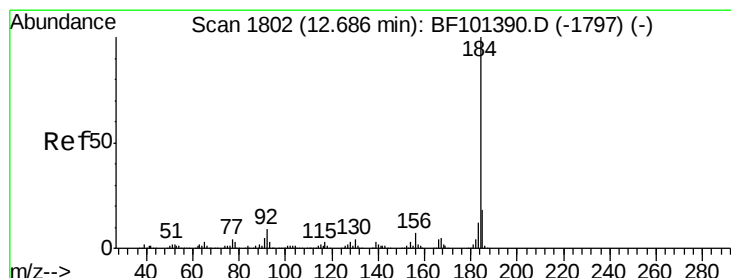
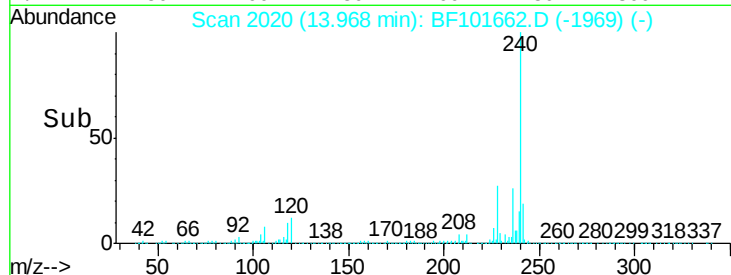
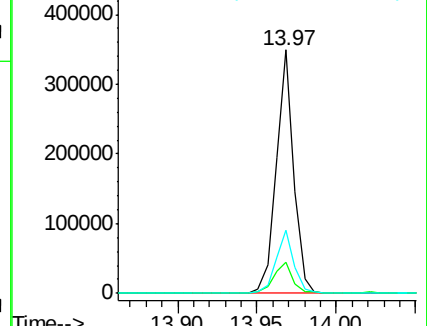
236 26.0 20.7 31.1



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: 28.477 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

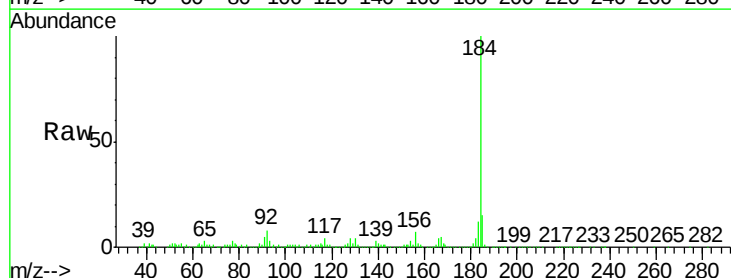
Tgt Ion:184 Resp: 323546

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

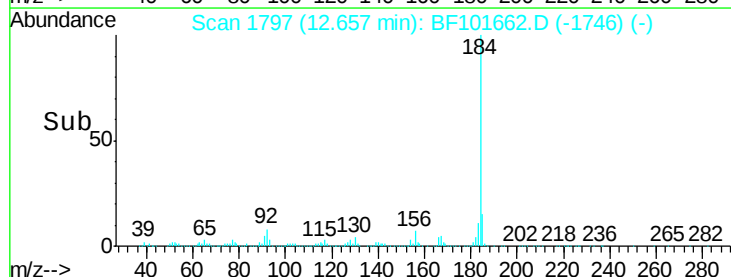
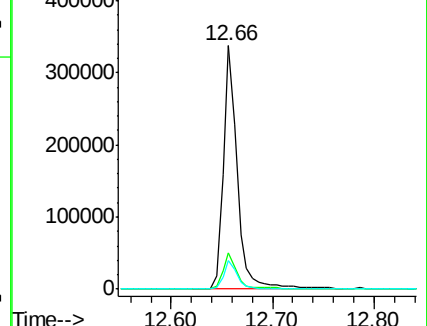
183 11.6 9.3 13.9

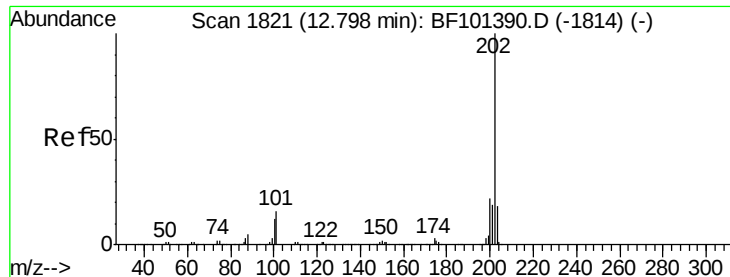


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.833 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

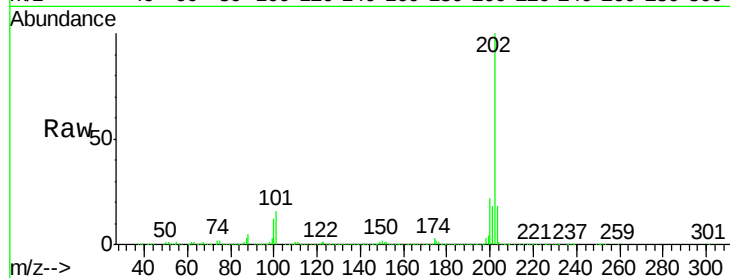
Tot Ion:202 Resp: 723438

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

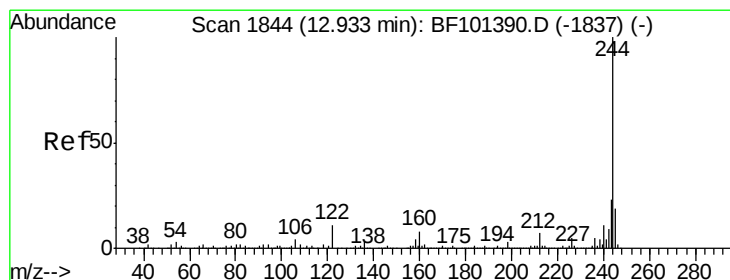
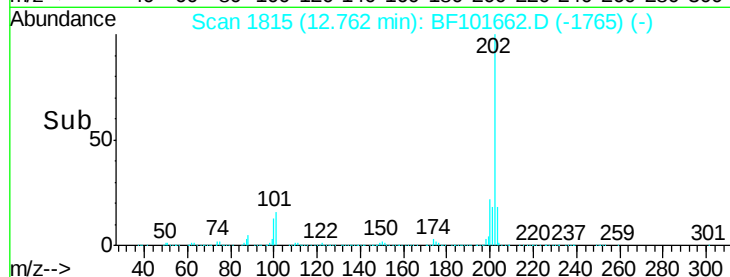
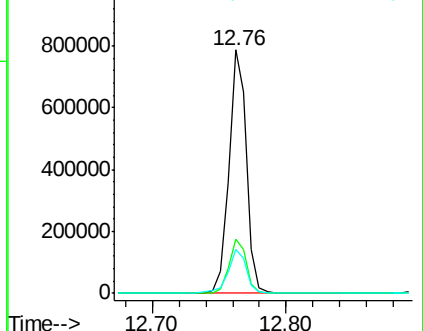
203 18.0 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.216 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

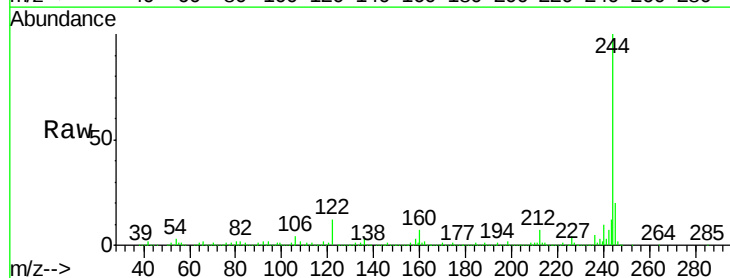
Tgt Ion:244 Resp: 917431

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

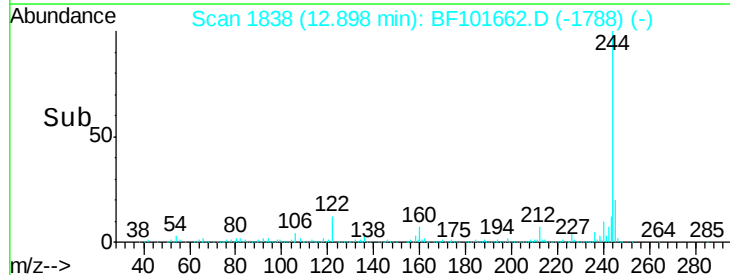
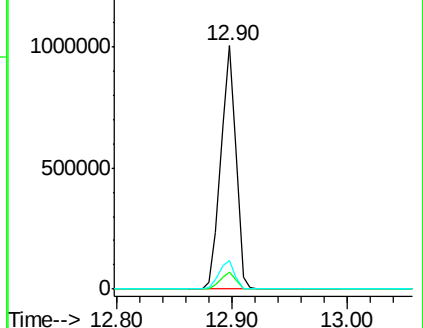
122 11.8 11.0 16.4

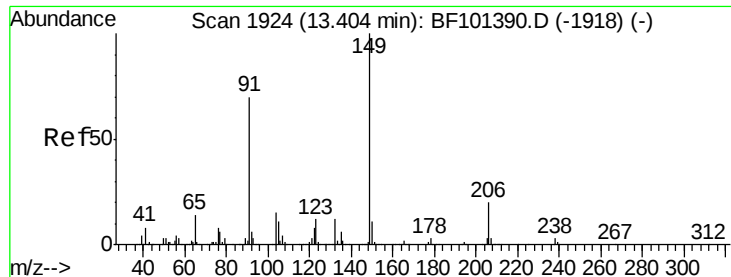


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

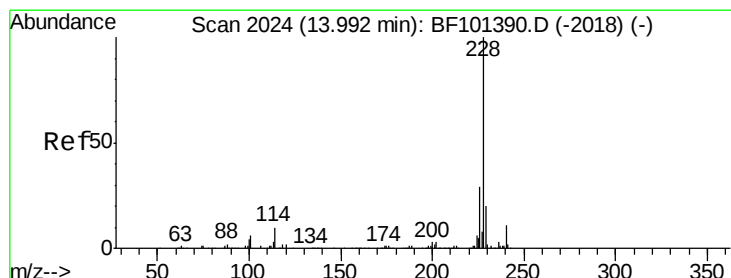
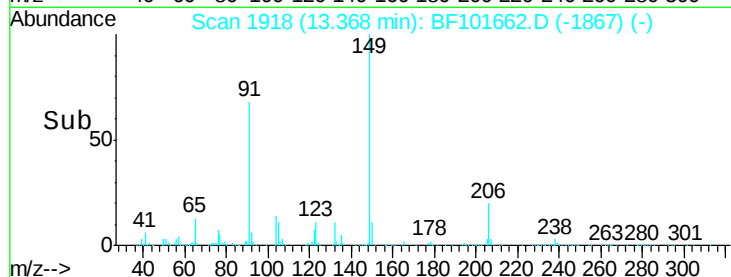
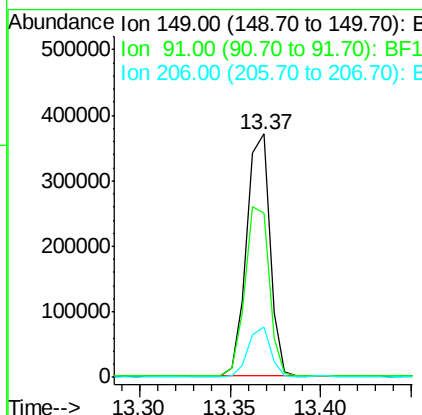
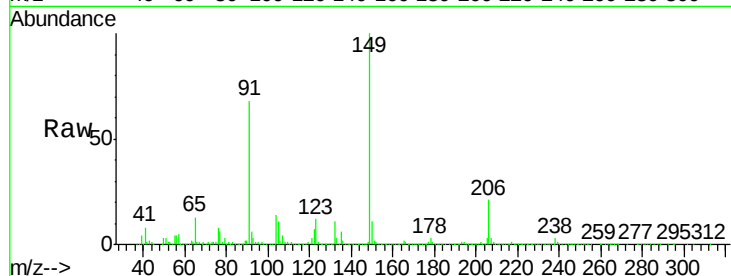




#79
Butylbenzylphthalate
Concen: 36.562 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

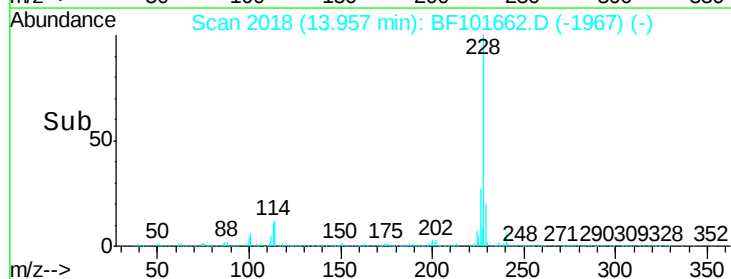
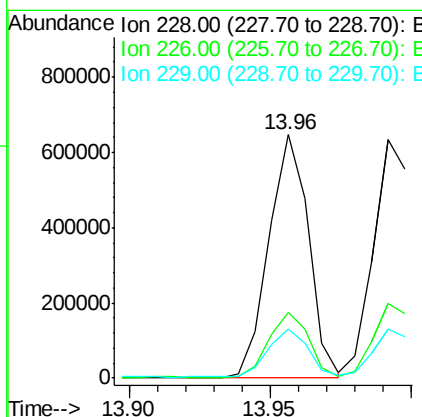
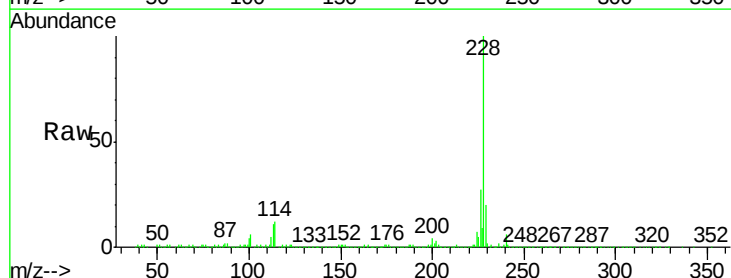
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

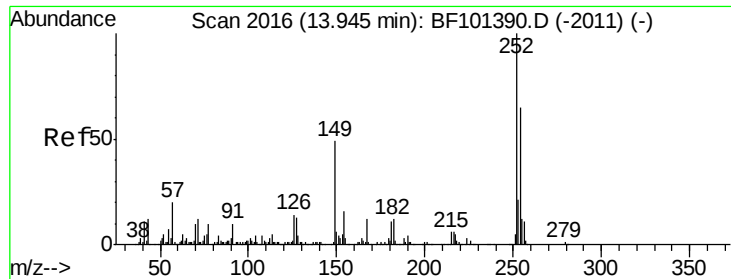
Tot Ion:149 Resp: 334000
Ion Ratio Lower Upper
149 100
91 67.6 56.8 85.2
206 20.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.426 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:228 Resp: 629289
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 20.2 15.8 23.6

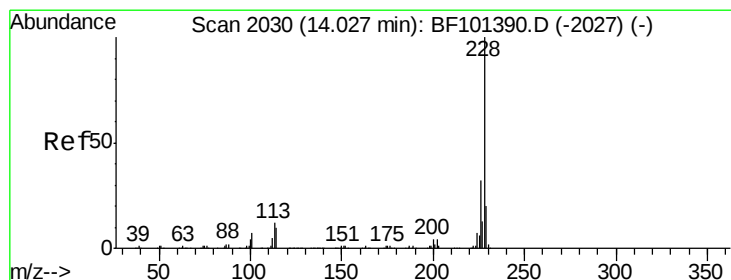
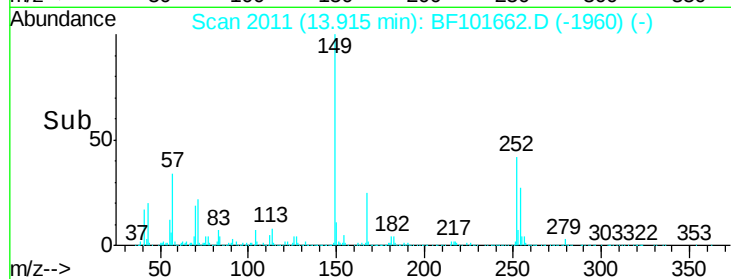
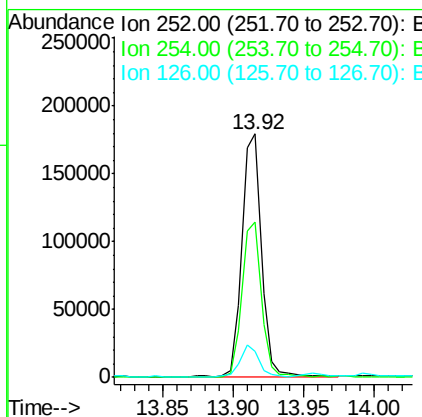
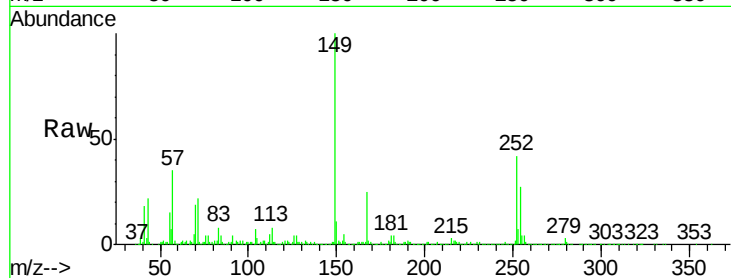




#81
 3,3'-Dichlorobenzidine
 Concen: 29.847 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

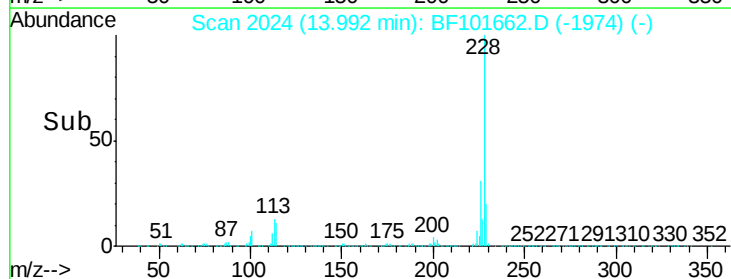
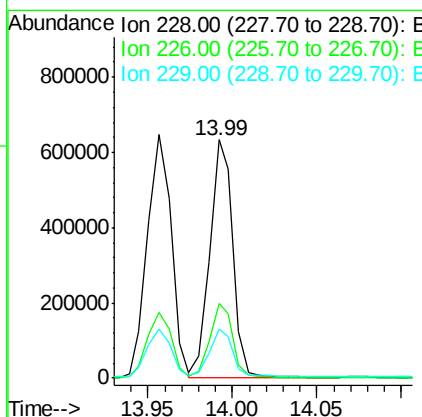
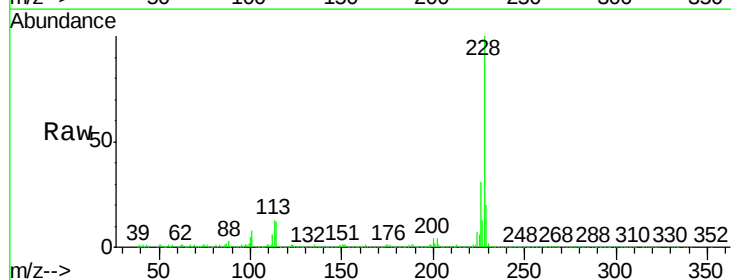
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

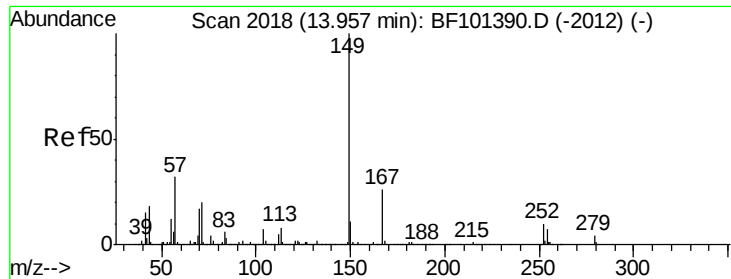
Tot Ion:252 Resp: 172877
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.4 75.6
 126 10.4 11.3 16.9#



#82
 Chrysene
 Concen: 35.742 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:228 Resp: 599462
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.5 16.2 24.4

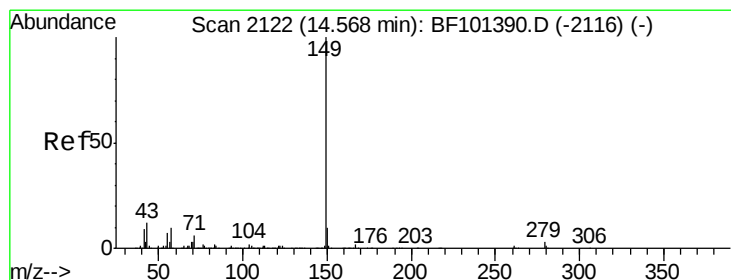
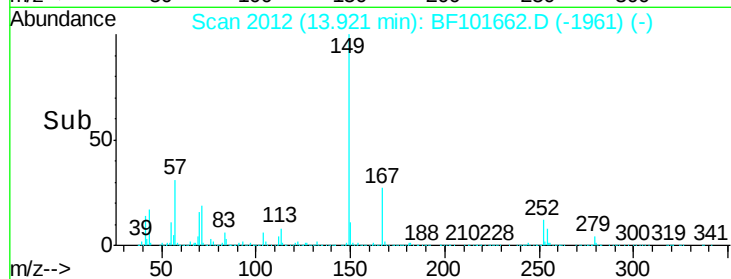
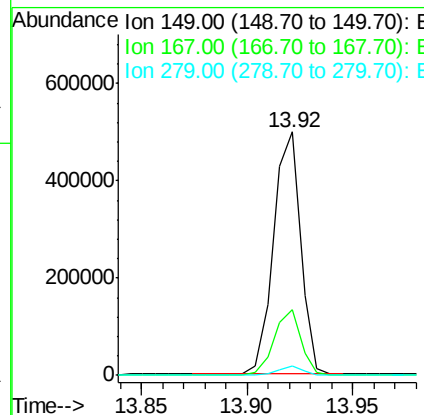
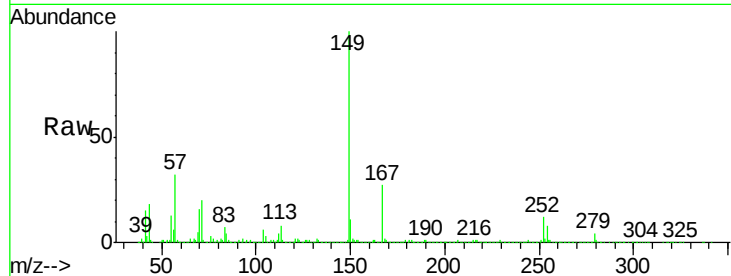




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.565 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

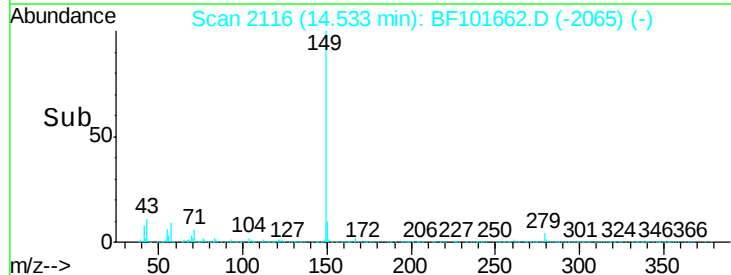
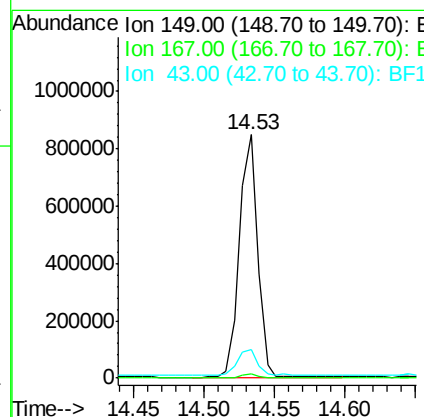
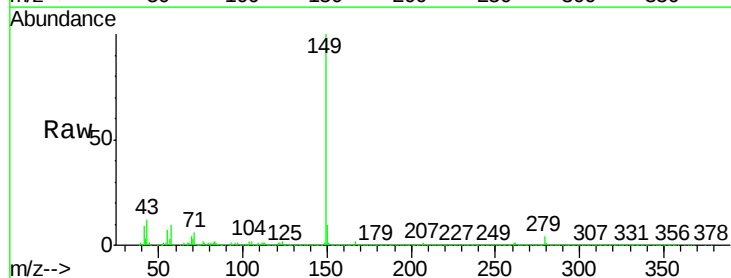
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

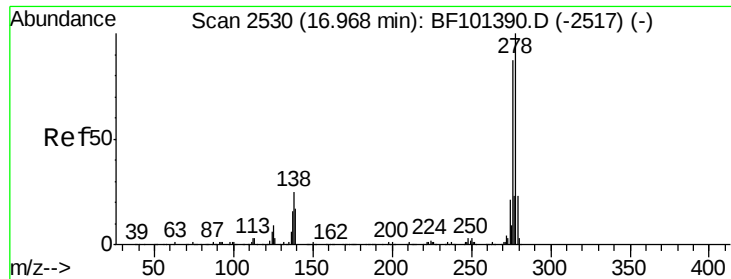
Tot Ion:149 Resp: 446232
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 36.947 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:149 Resp: 762423
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.6 8.4 12.6

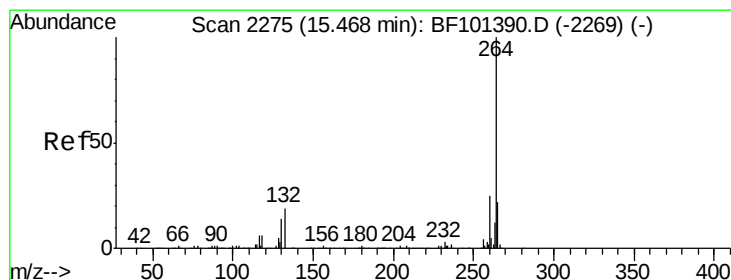
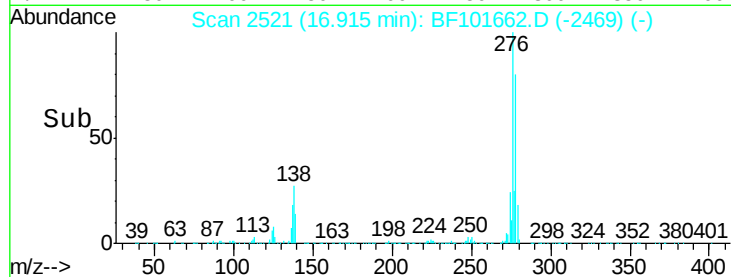
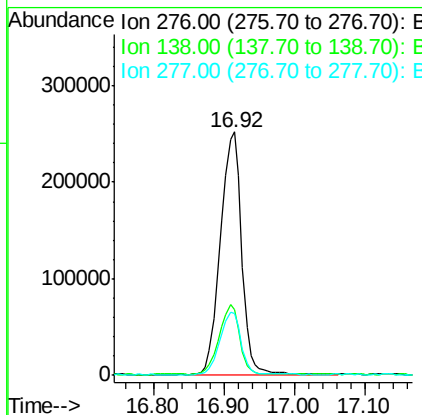
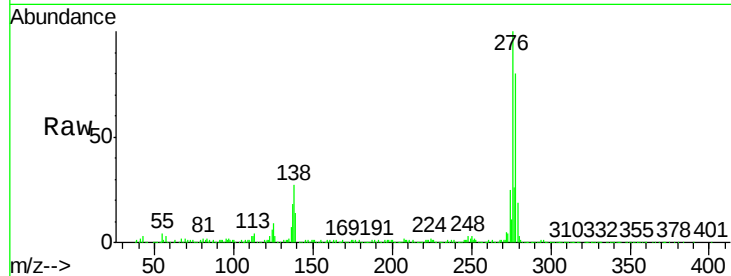




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.089 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

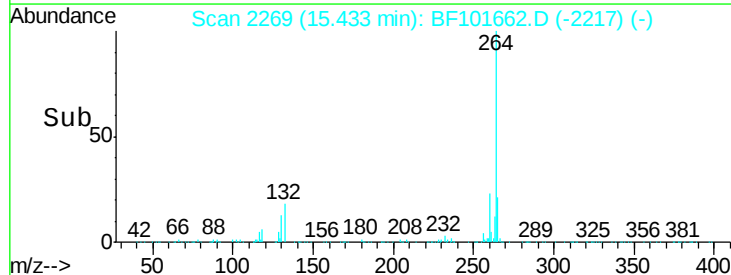
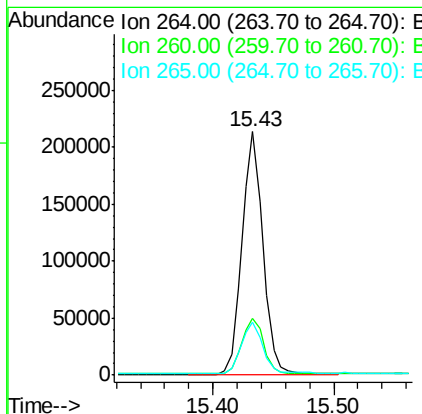
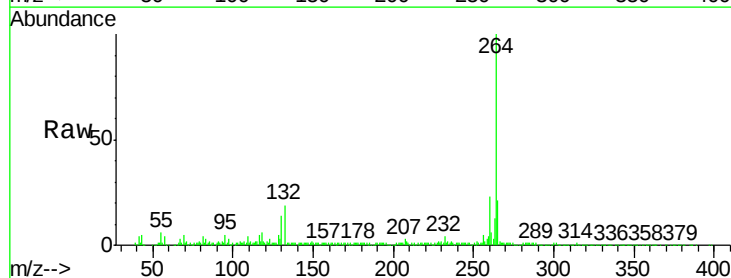
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

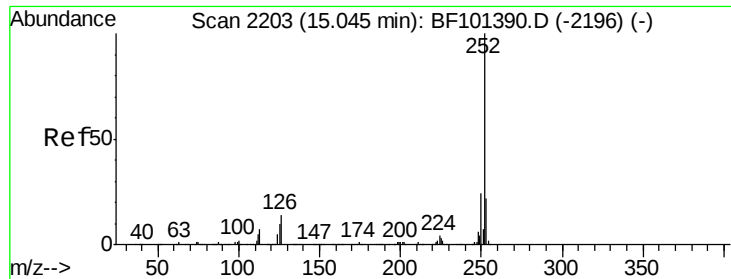
Tot Ion:276 Resp: 524066
 Ion Ratio Lower Upper
 276 100
 138 27.9 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Tgt Ion:264 Resp: 258581
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.5 26.3

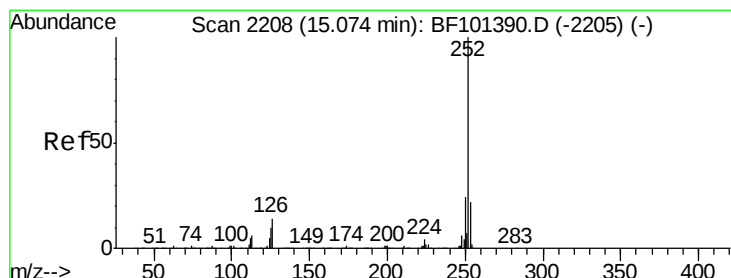
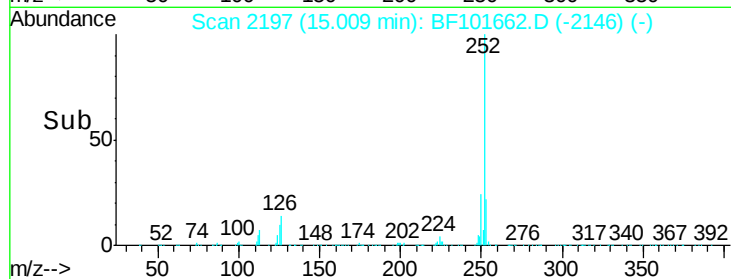
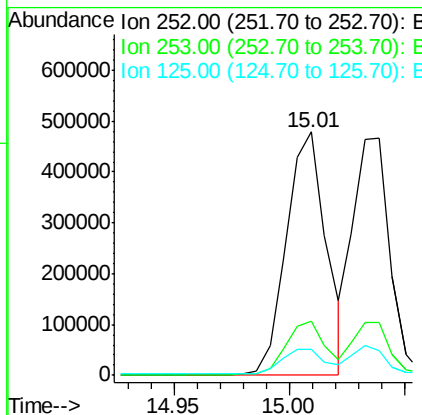
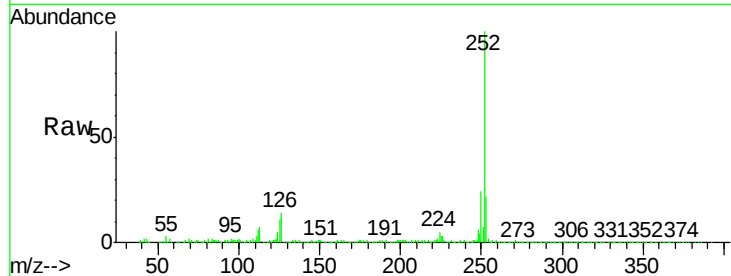




#87
Benzo(b)fluoranthene
Concen: 36.205 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

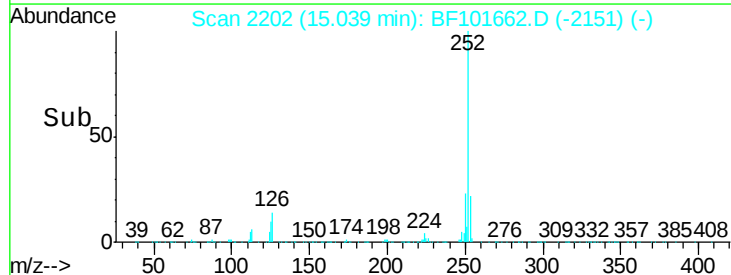
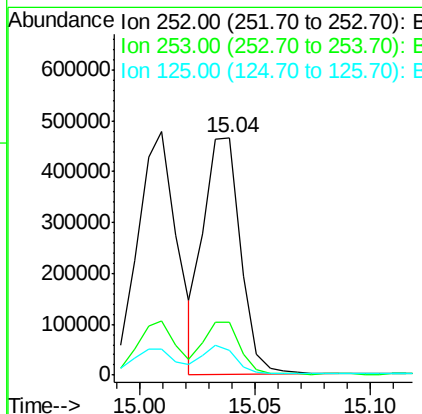
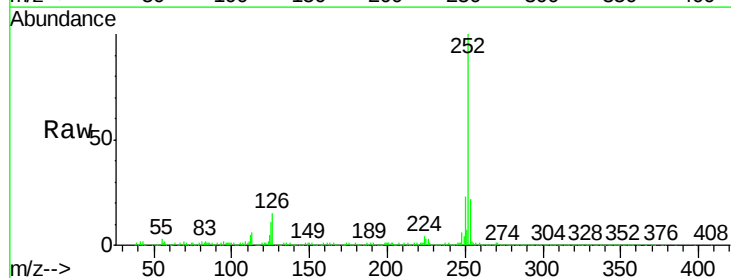
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MS

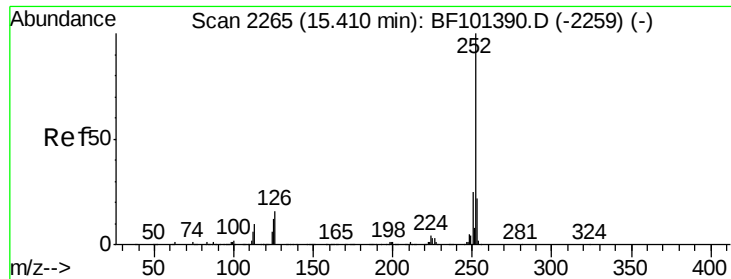
Tot Ion:252 Resp: 570625
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.462 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF101662.D
Acq: 22 Dec 2017 19:15

Tgt Ion:252 Resp: 512781
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 35.806 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(16-20)MS

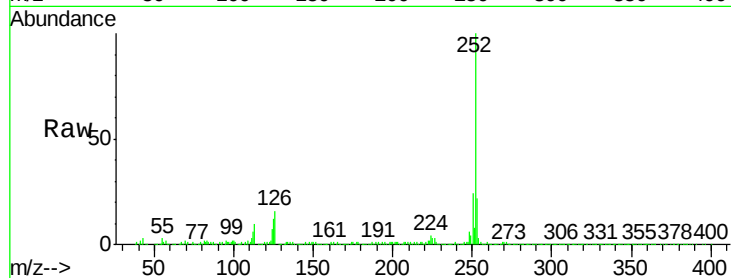
Tot Ion:252 Resp: 520246

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

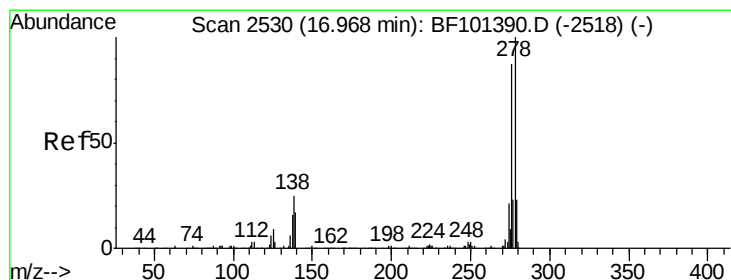
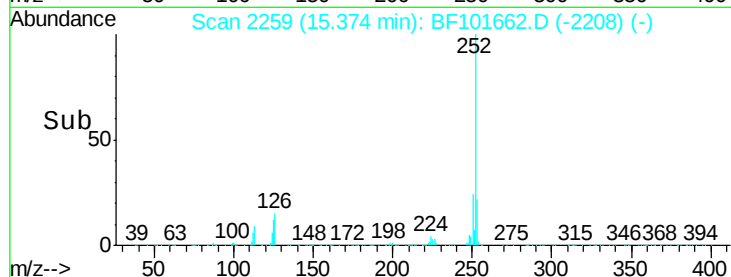
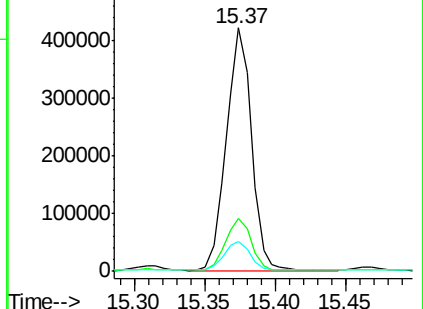
125 12.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.673 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF101662.D

Acq: 22 Dec 2017 19:15

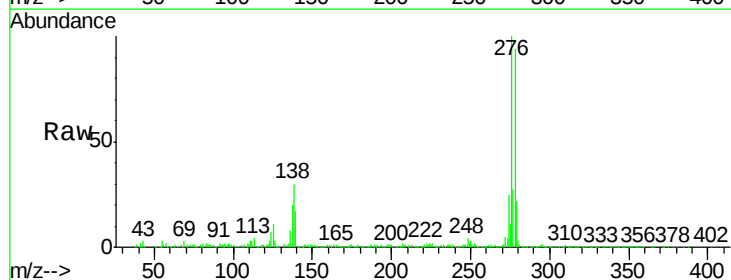
Tgt Ion:278 Resp: 445011

Ion Ratio Lower Upper

278 100

139 18.1 15.9 23.9

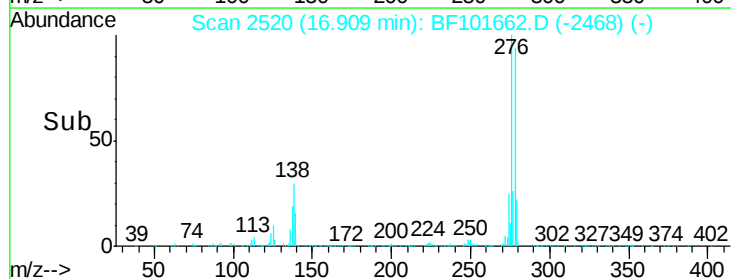
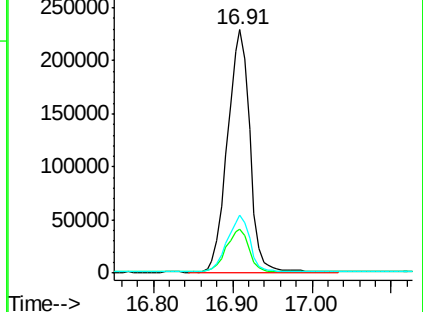
279 23.7 19.0 28.4

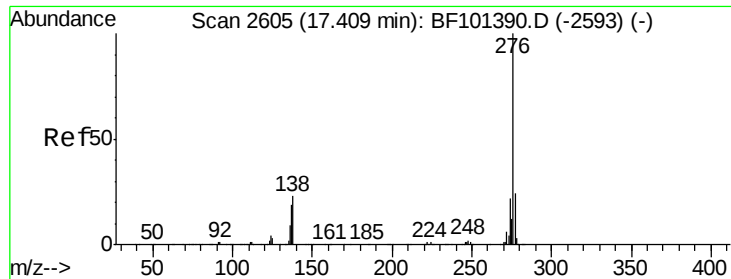


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.131 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. 0.01 min
 Lab File: BF101662.D
 Acq: 22 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(16-20)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	23.9	21.8	32.8

