

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098413.D
 Acq On : 11 Sep 2017 20:25
 Operator : SJ/JU
 Sample : PB102184BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Quant Time: Sep 12 01:38:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 19:42:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	210506	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	894802	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	409265	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	752210	20.00	ng	0.00
75) Chrysene-d12	13.82	240	528088	20.00	ng	0.00
86) Perylene-d12	15.22	264	460330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1851293	130.03	ng	0.02
7) Phenol-d6	6.33	99	2287647	126.55	ng	0.00
23) Nitrobenzene-d5	7.24	82	1486435	92.61	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	399365	146.21	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2313771	95.82	ng	0.00
78) Terphenyl-d14	12.77	244	2000710	81.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	295566	40.221	ng	89
3) Pyridine	3.09	79	819762	42.006	ng	# 85
4) n-Nitrosodimethylamine	3.06	42	427144	44.645	ng	89
6) Aniline	6.34	93	385704	17.008	ng	# 1
8) 2-Chlorophenol	6.46	128	664162	42.422	ng	92
9) Benzaldehyde	6.22	77	524581	44.392	ng	92
10) Phenol	6.34	94	850572	40.510	ng	92
11) bis(2-Chloroethyl)ether	6.42	93	695825	43.954	ng	96
12) 1,3-Dichlorobenzene	6.61	146	668235	42.406	ng	97
13) 1,4-Dichlorobenzene	6.69	146	673180	41.706	ng	96
14) 1,2-Dichlorobenzene	6.84	146	616361	41.914	ng	99
15) Benzyl Alcohol	6.82	79	539880	44.875	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1119202	42.968	ng	75
17) 2-Methylphenol	6.94	107	567811	44.477	ng	# 91
18) Hexachloroethane	7.17	117	271206	43.874	ng	# 83
19) n-Nitroso-di-n-propylamine	7.09	70	495926	43.614	ng	96
20) 3+4-Methylphenols	7.10	107	736901	45.740	ng	# 68
22) Acetophenone	7.09	105	960986	41.553	ng	# 96
24) Nitrobenzene	7.26	77	777104	42.506	ng	98
25) Isophorone	7.50	82	1399573	43.098	ng	99
26) 2-Nitrophenol	7.57	139	353370	47.871	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	613718	43.614	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	879186	44.369	ng	99
29) 2,4-Dichlorophenol	7.82	162	533764	45.608	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	558988	43.909	ng	99
31) Naphthalene	7.97	128	1927644	43.577	ng	100
32) Benzoic acid	7.77	122	316174	35.903	ng	96
33) 4-Chloroaniline	8.03	127	209353	11.645	ng	96
34) Hexachlorobutadiene	8.09	225	281868	43.129	ng	97
35) Caprolactam	8.41	113	101779	25.220	ng	# 64
36) 4-Chloro-3-methylphenol	8.53	107	631219	43.491	ng	86
37) 2-Methylnaphthalene	8.66	142	1266065	47.251	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	503093	39.463	ng	97
40) Hexachlorocyclopentadiene	8.82	237	407368	105.539	ng	98

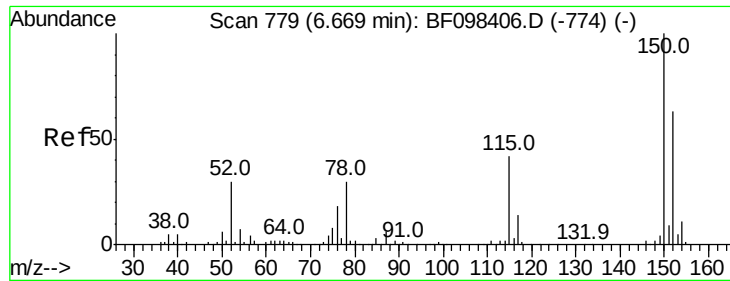
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098413.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	328488	43.868	ng	94
43) 2,4,5-Trichlorophenol	9.00	196	348453	44.521	ng	94
45) 1,1'-Biphenyl	9.13	154	1483588	40.500	ng	96
46) 2-Chloronaphthalene	9.15	162	1121885	42.883	ng	# 91
47) 2-Nitroaniline	9.26	65	457526	45.565	ng	91
48) Acenaphthylene	9.57	152	1659047	42.651	ng	100
49) Dimethylphthalate	9.44	163	1356993	42.834	ng	99
50) 2,6-Dinitrotoluene	9.50	165	293325	45.075	ng	# 71
51) Acenaphthene	9.74	154	1051174	42.513	ng	98
52) 3-Nitroaniline	9.67	138	113597	14.461	ng	98
53) 2,4-Dinitrophenol	9.79	184	260615	84.219	ng	# 76
54) Dibenzofuran	9.91	168	1459768	44.813	ng	98
55) 4-Nitrophenol	9.86	139	383912	85.065	ng	# 46
56) 2,4-Dinitrotoluene	9.91	165	354957	44.866	ng	# 50
57) Fluorene	10.25	166	1134894	42.093	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	266120	50.593	ng	98
59) Diethylphthalate	10.13	149	1302859	43.243	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	531820	42.705	ng	89
61) 4-Nitroaniline	10.29	138	318263	40.118	ng	78
62) Azobenzene	10.40	77	1459827	44.956	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	194634	42.787	ng	83
65) n-Nitrosodiphenylamine	10.37	169	1057212	43.285	ng	98
66) 4-Bromophenyl-phenylether	10.73	248	318255	44.579	ng	98
67) Hexachlorobenzene	10.80	284	303228	41.874	ng	# 81
68) Atrazine	10.90	200	351903	46.800	ng	96
69) Pentachlorophenol	11.00	266	270688	84.058	ng	97
70) Phenanthrene	11.21	178	1760307	44.144	ng	100
71) Anthracene	11.26	178	1814333	44.315	ng	100
72) Carbazole	11.42	167	1618646	42.422	ng	99
73) Di-n-butylphthalate	11.75	149	1974167	43.183	ng	99
74) Fluoranthene	12.39	202	1778396	44.549	ng	98
76) Benzidine	12.52	184	510598	21.847	ng	95
77) Pyrene	12.62	202	1828835	43.900	ng	99
79) Butylbenzylphthalate	13.24	149	847162	46.875	ng	# 77
80) Benzo(a)anthracene	13.81	228	1353239	43.708	ng	100
81) 3,3'-Dichlorobenzidine	13.77	252	194071	16.129	ng	97
82) Chrysene	13.84	228	1365200	43.622	ng	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	991441	43.711	ng	99
84) Di-n-octyl phthalate	14.41	149	1810264	46.518	ng	97
85) Indeno(1,2,3-cd)pyrene	16.56	276	963545	43.883	ng	98
87) Benzo(b)fluoranthene	14.83	252	1314539	45.416	ng	99
88) Benzo(k)fluoranthene	14.85	252	1128858	41.777	ng	97
89) Benzo(a)pyrene	15.16	252	1159914	44.982	ng	99
90) Dibenzo(a,h)anthracene	16.57	278	804827	42.906	ng	97
91) Benzo(g,h,i)perylene	16.96	276	793278	42.046	ng	99

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

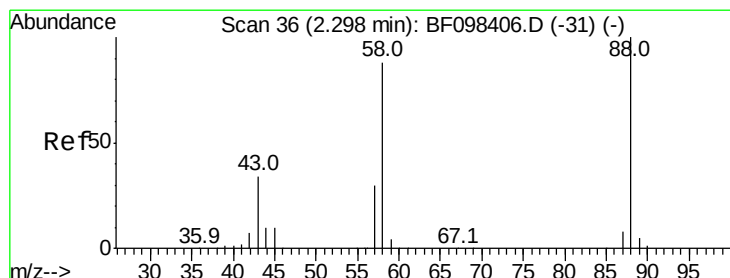
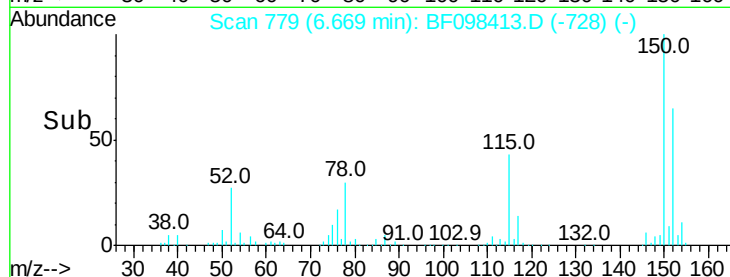
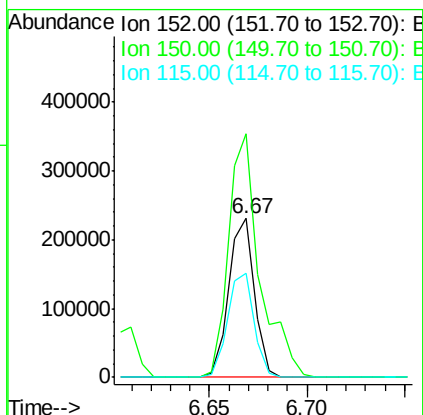
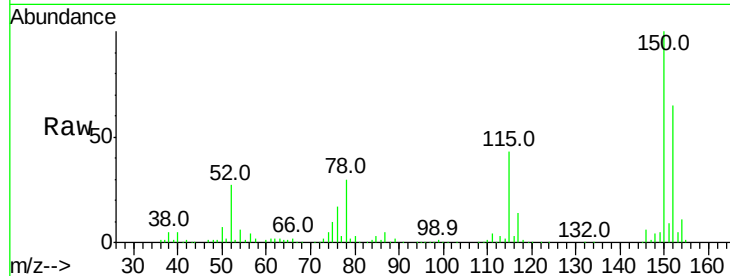


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

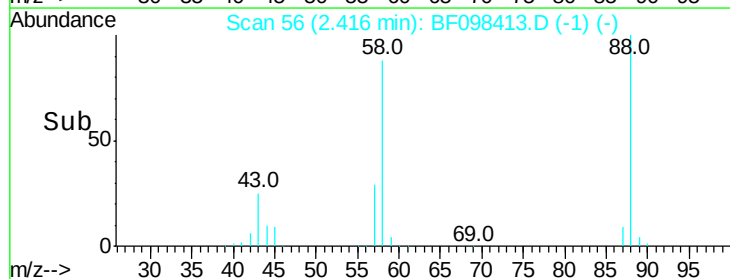
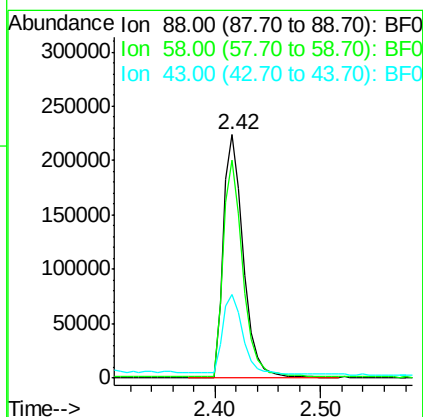
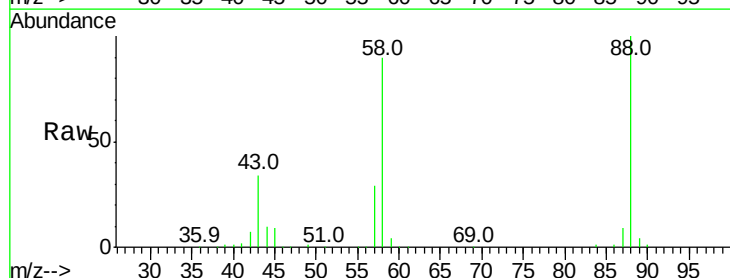
Tot Ion:152 Resp: 210506
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.2 189.2
 115 65.6 52.2 78.2

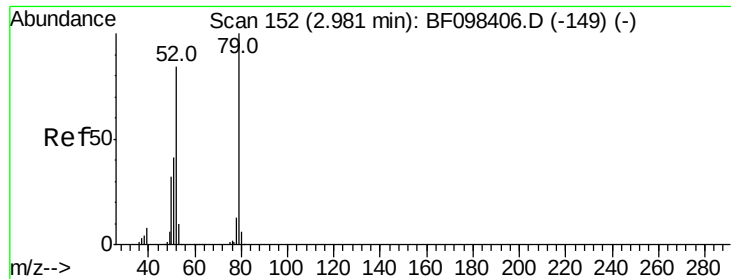


#2

1,4-Dioxane
 Concen: 40.221 ng
 RT: 2.42 min Scan# 56
 Delta R.T. 0.12 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion: 88 Resp: 295566
 Ion Ratio Lower Upper
 88 100
 58 87.4 61.4 92.0
 43 32.5 23.4 35.0





#3

Pvridine

Concen: 42.006 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.11 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

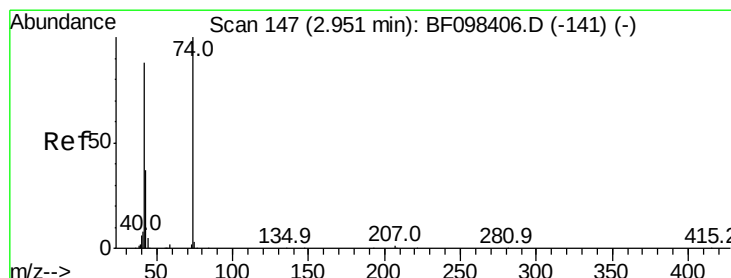
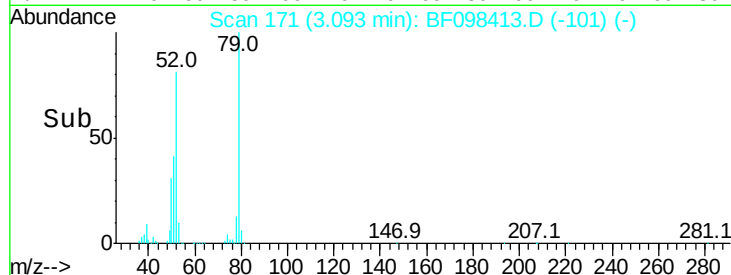
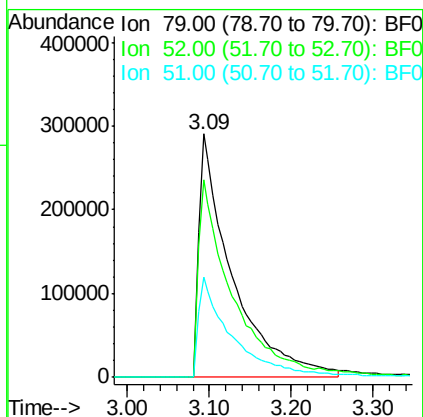
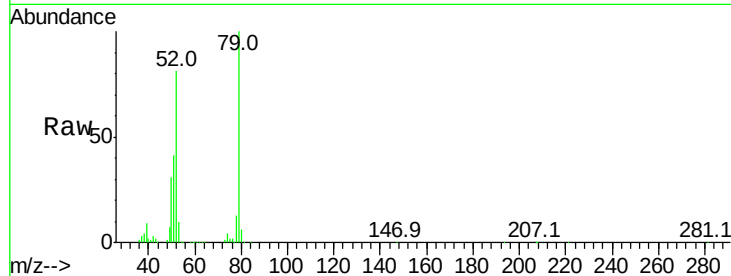
Tot Ion: 79 Resp: 819762

Ion Ratio Lower Upper

79 100

52 81.2 54.8 82.2

51 41.0 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 44.645 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.11 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

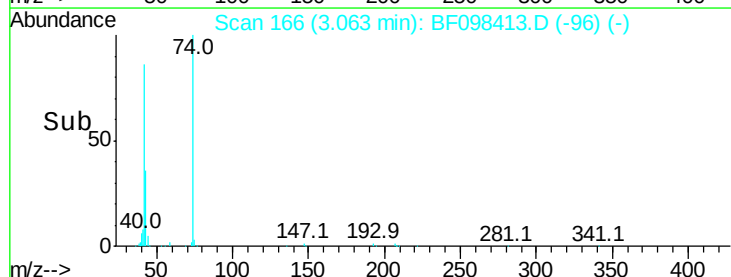
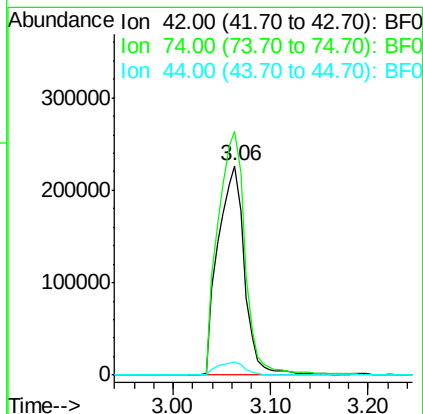
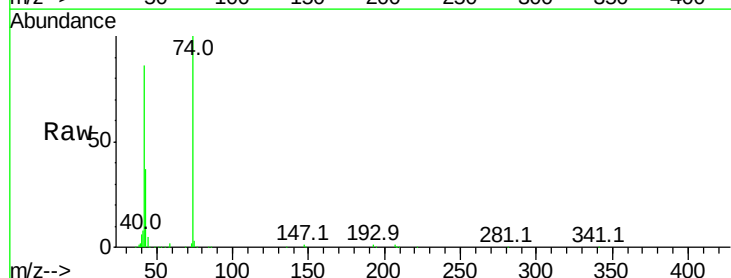
Tgt Ion: 42 Resp: 427144

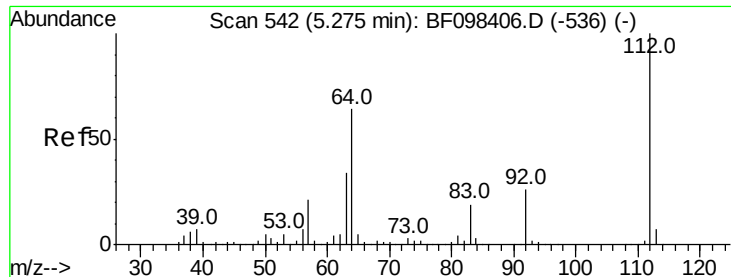
Ion Ratio Lower Upper

42 100

74 116.2 103.9 155.9

44 6.4 5.7 8.5





#5

2-Fluorophenol

Concen: 130.029 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

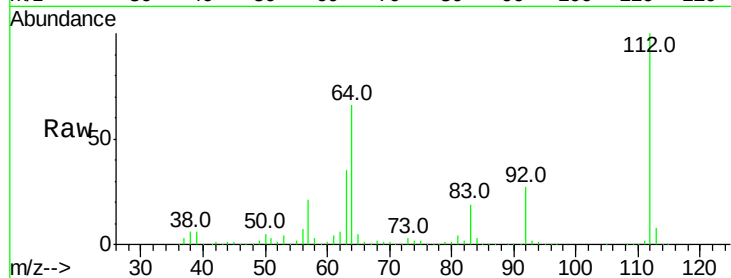
Tot Ion:112 Resp: 1851293

Ion Ratio Lower Upper

112 100

64 66.2 46.0 69.0

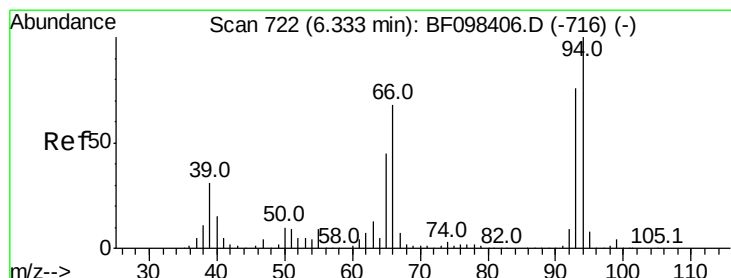
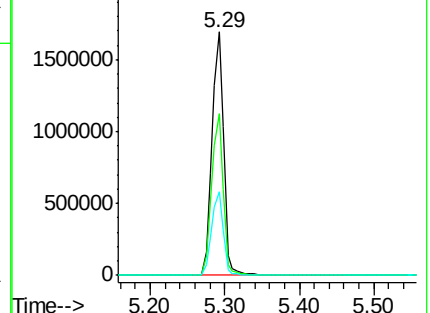
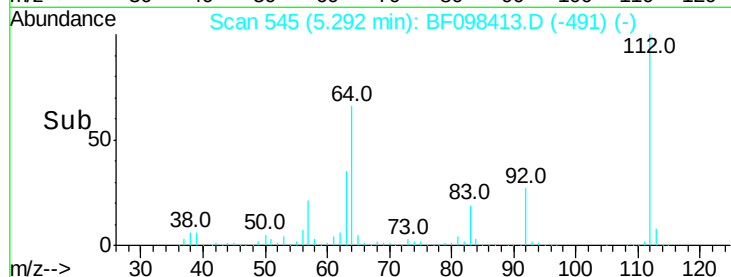
63 34.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.008 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

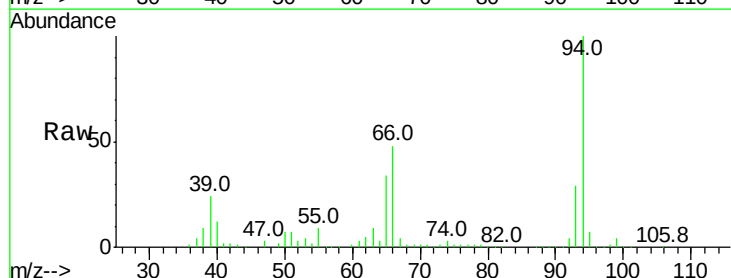
Tgt Ion: 93 Resp: 385704

Ion Ratio Lower Upper

93 100

66 163.4 32.9 49.3#

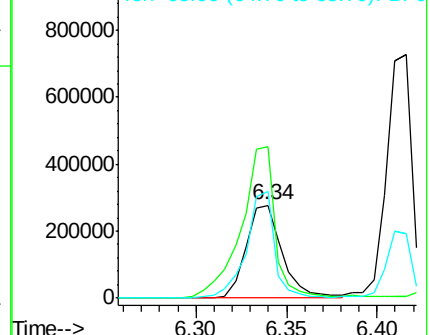
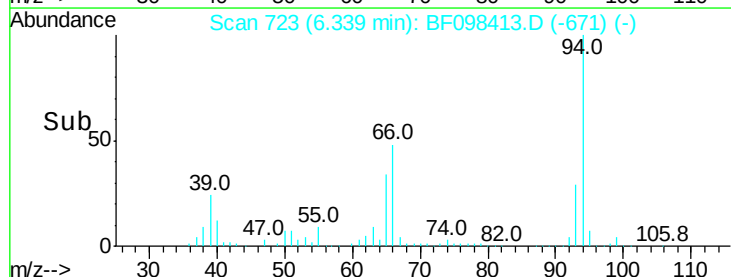
65 115.0 16.0 24.0#

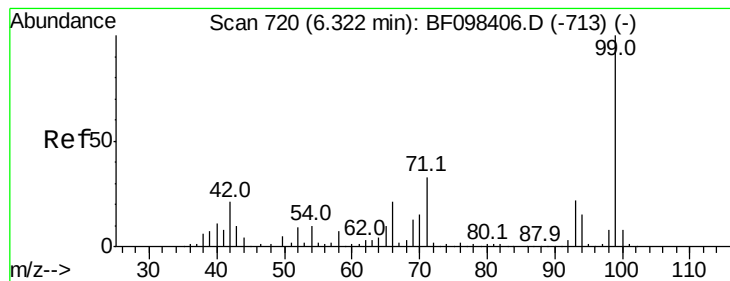


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.551 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

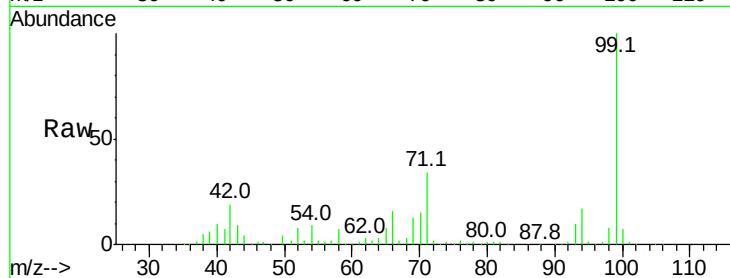
BNA_F

ClientSampleId :

PB102184BS

Tot Ion: 99 Resp: 2287647

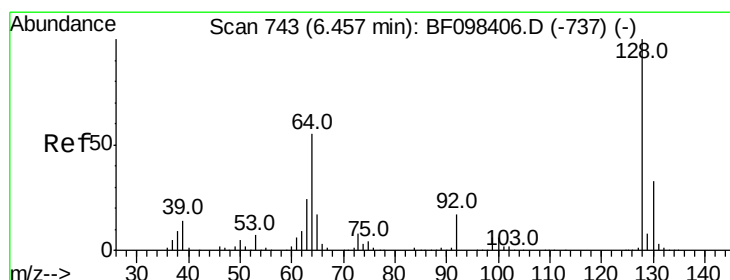
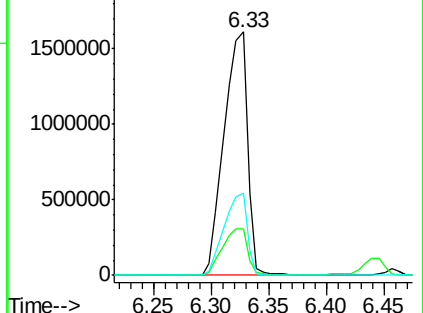
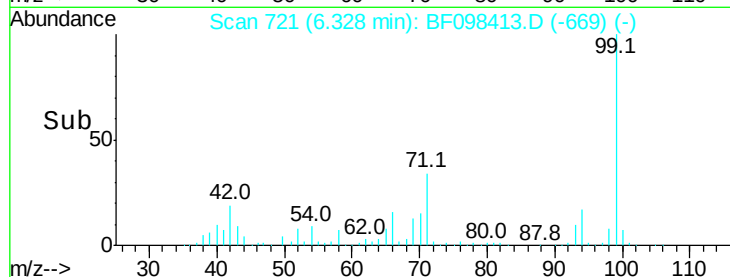
Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	33.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.422 ng

RT: 6.46 min Scan# 743

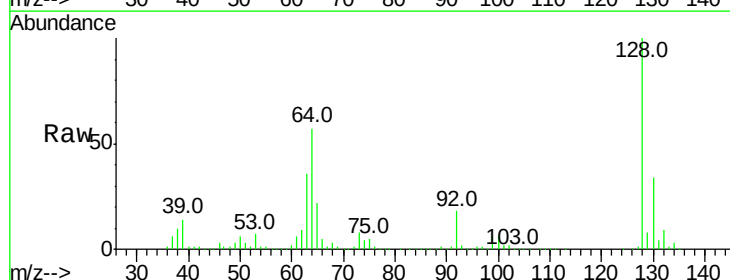
Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion: 128 Resp: 664162

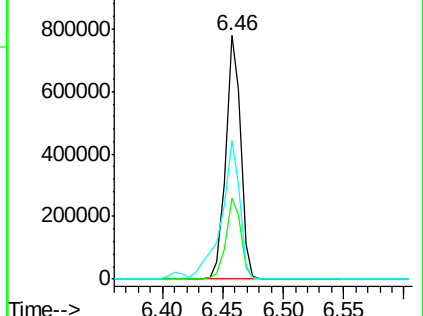
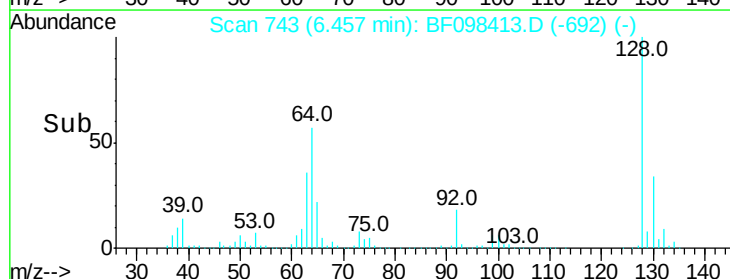
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	56.8	28.4	68.4

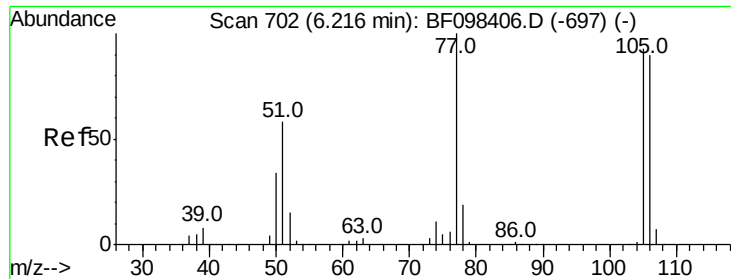


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

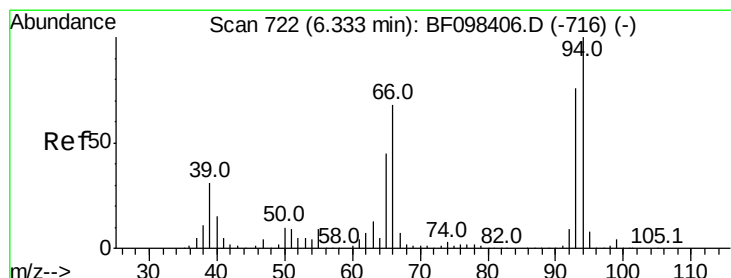
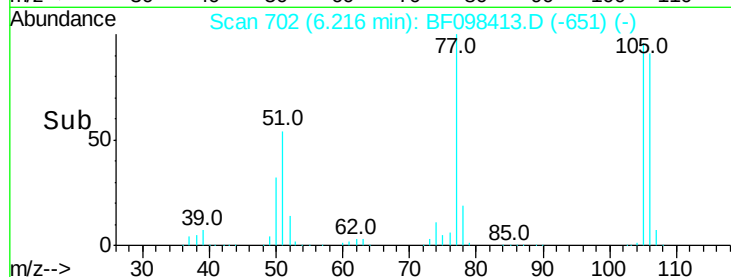
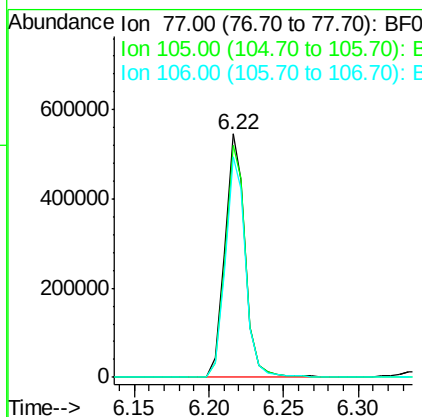
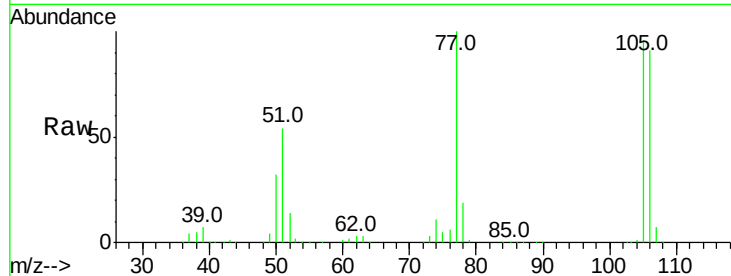




#9
Benzaldehyde
Concen: 44.392 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

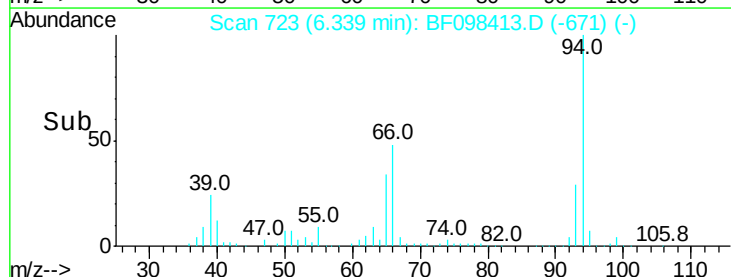
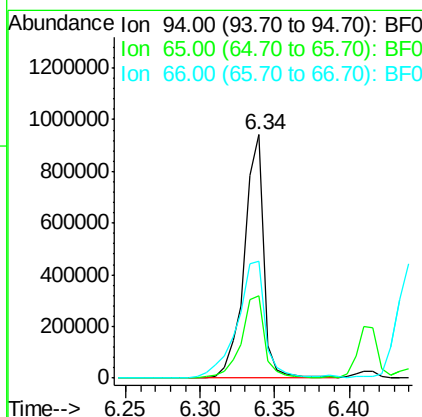
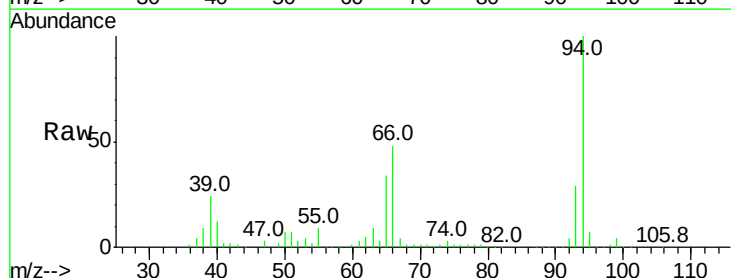
Instrument :
BNA_F
ClientSampleId :
PB102184BS

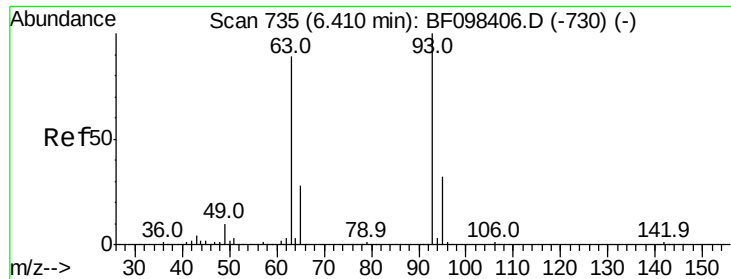
Tot Ion: 77 Resp: 524581
Ion Ratio Lower Upper
77 100
105 95.6 83.8 123.8
106 90.6 79.1 119.1



#10
Phenol
Concen: 40.510 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion: 94 Resp: 850572
Ion Ratio Lower Upper
94 100
65 33.8 9.9 49.9
66 48.0 23.1 63.1

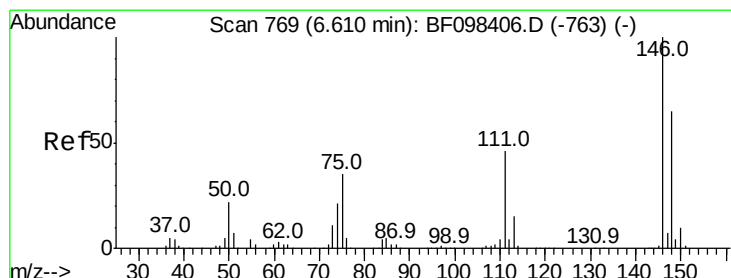
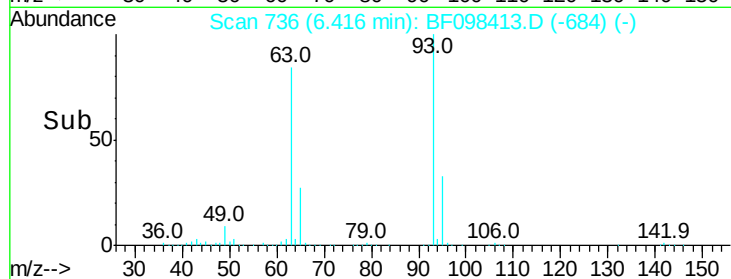
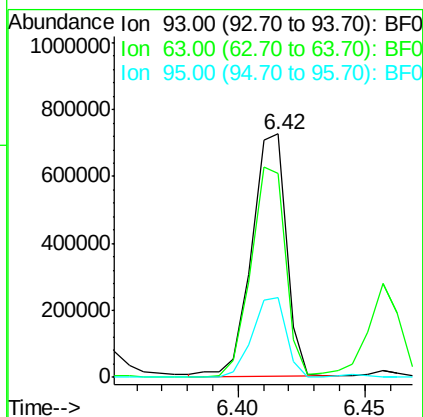
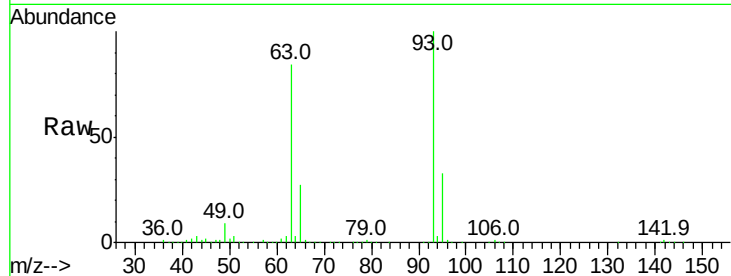




#11
bis(2-Chloroethyl)ether
Concen: 43.954 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

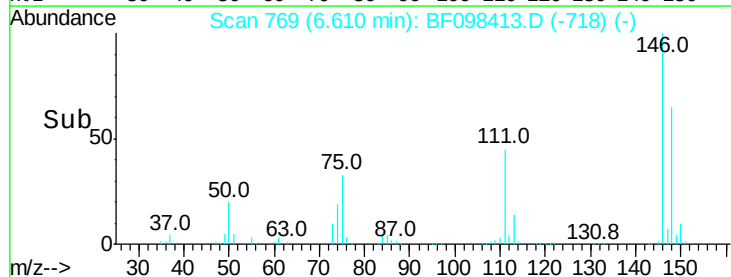
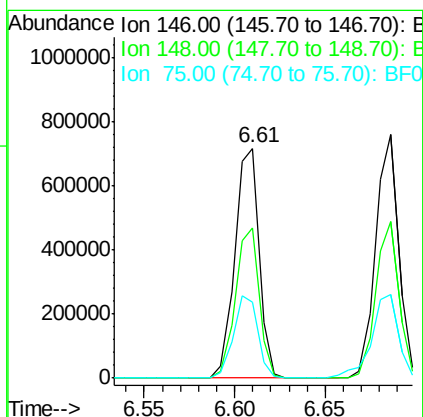
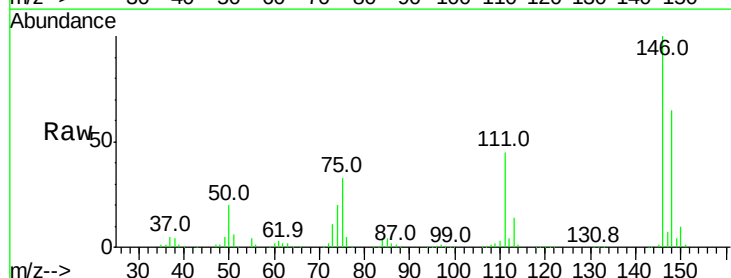
Instrument :
BNA_F
ClientSampleId :
PB102184BS

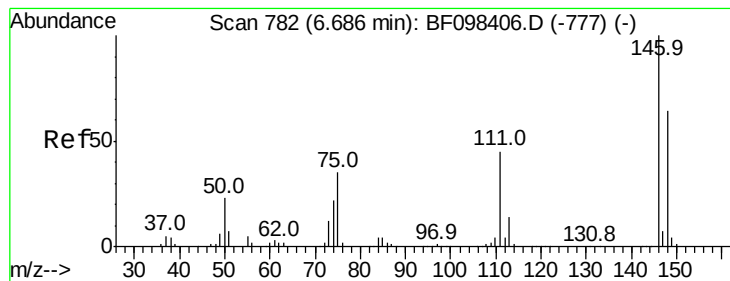
Tot Ion:	93	Resp:	695825
Ion	Ratio	Lower	Upper
93	100		
63	83.6	59.2	99.2
95	32.8	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 42.406 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:	146	Resp:	668235
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
75	32.9	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.706 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

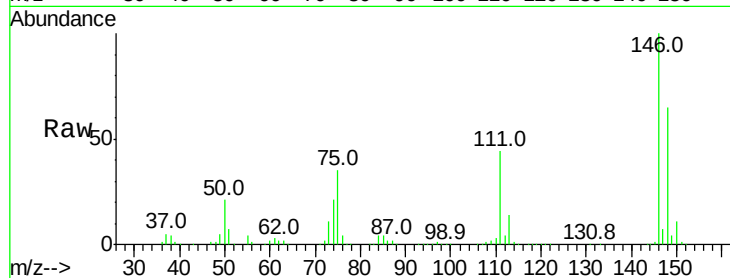
Tot Ion:146 Resp: 673180

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

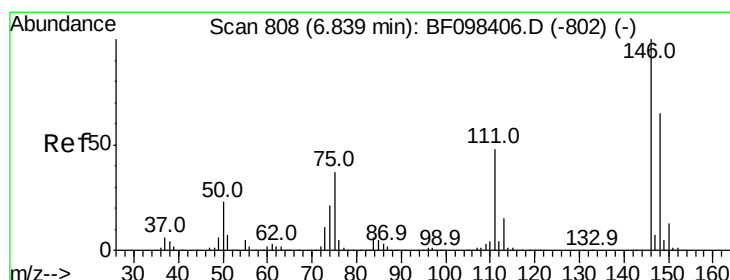
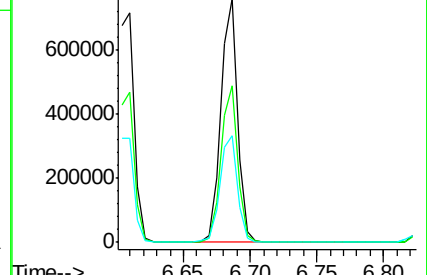
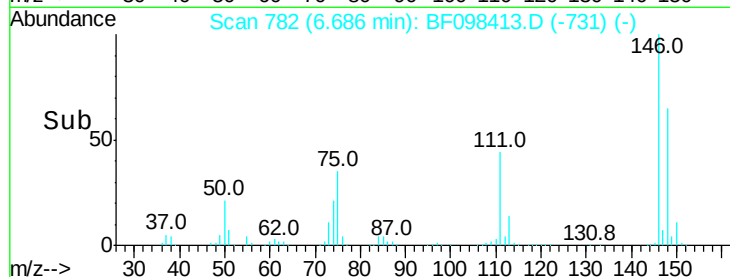
111 43.8 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.914 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

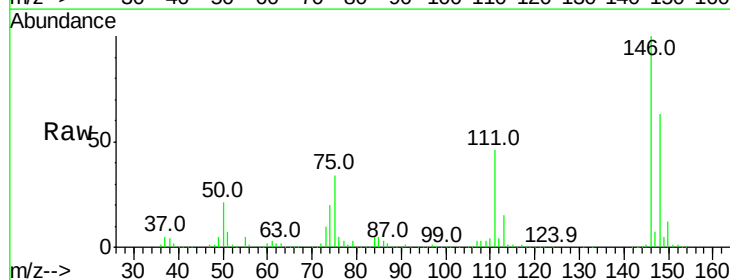
Tgt Ion:146 Resp: 616361

Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

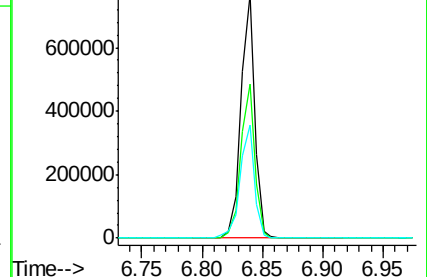
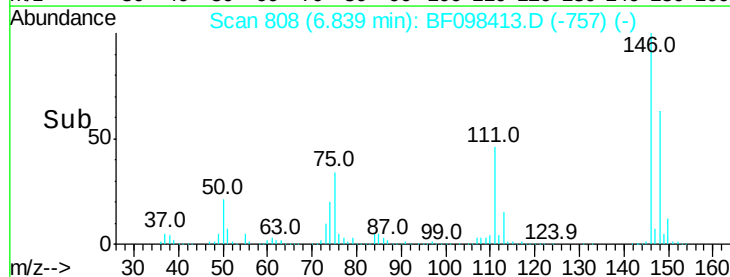
111 46.2 38.2 57.4

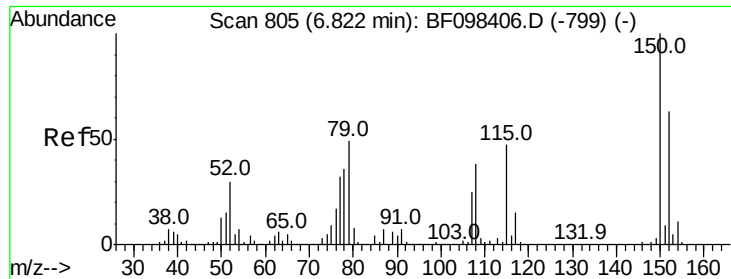


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

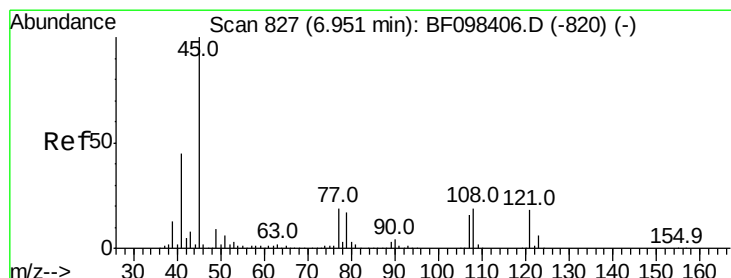
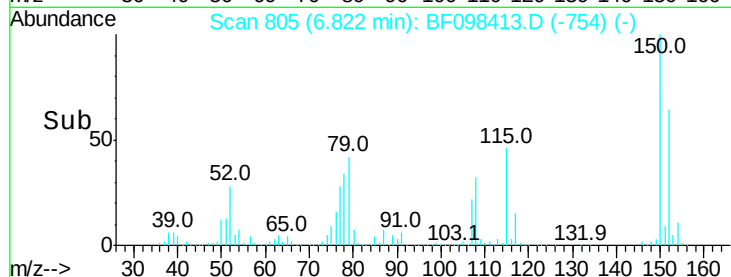
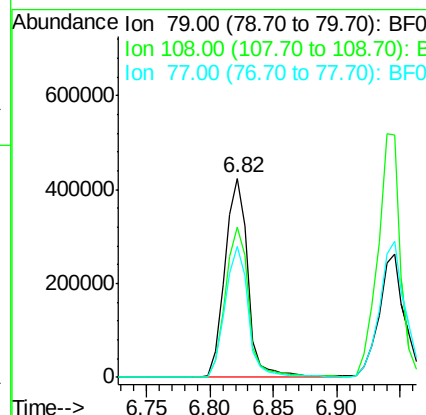
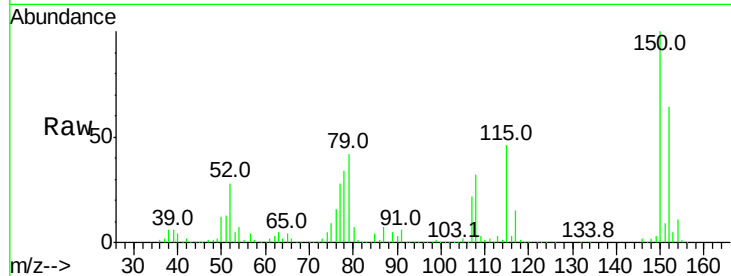




#15
Benzyl Alcohol
Concen: 44.875 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

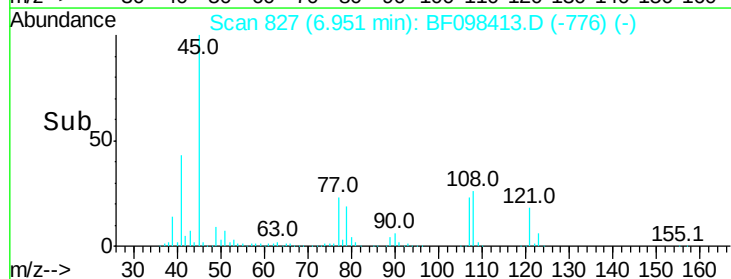
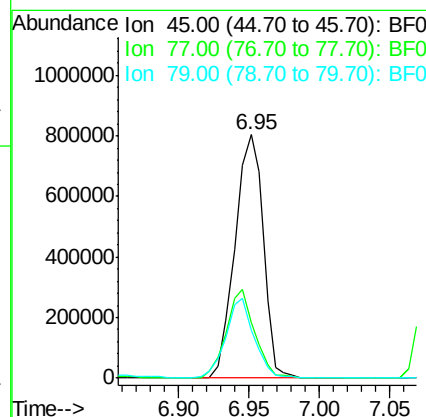
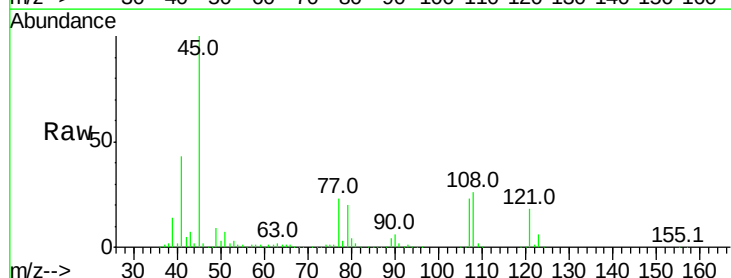
Instrument :
BNA_F
ClientSampleId :
PB102184BS

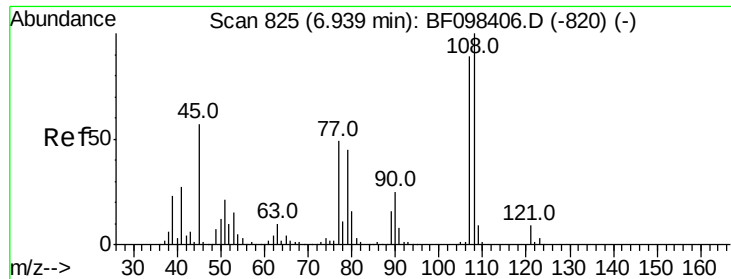
Tot Ion: 79 Resp: 539880
Ion Ratio Lower Upper
79 100
108 75.6 63.4 95.0
77 65.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.968 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion: 45 Resp: 1119202
Ion Ratio Lower Upper
45 100
77 22.8 0.0 33.2
79 19.6 0.0 30.0

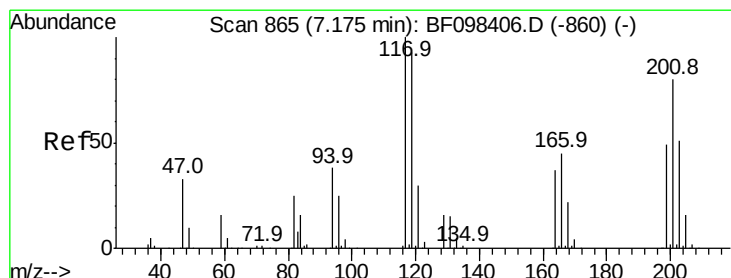
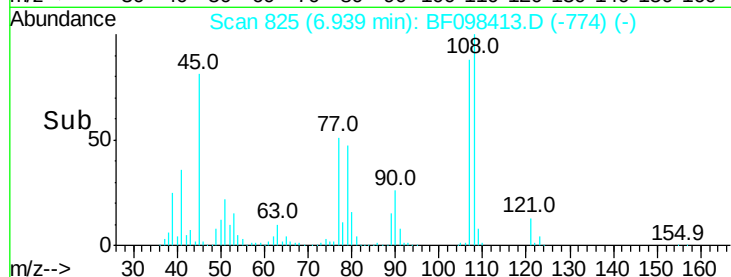
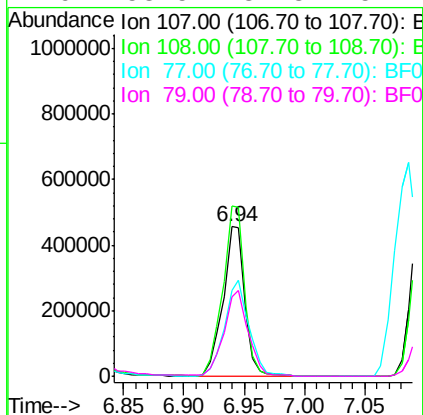
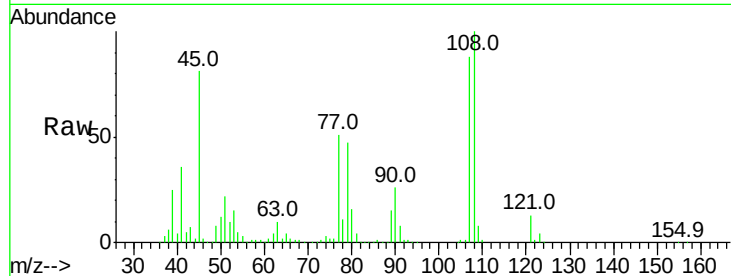




#17
2-Methylphenol
Concen: 44.477 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

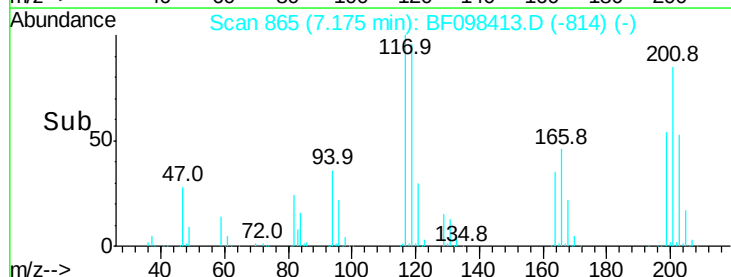
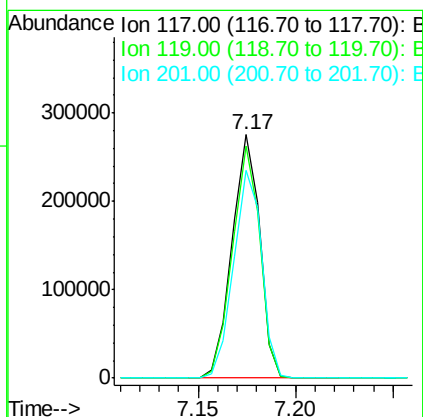
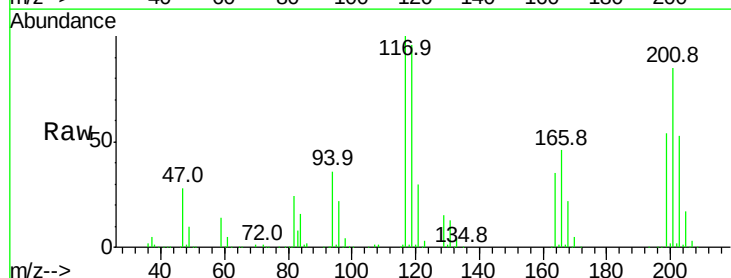
Instrument :
BNA_F
ClientSampleId :
PB102184BS

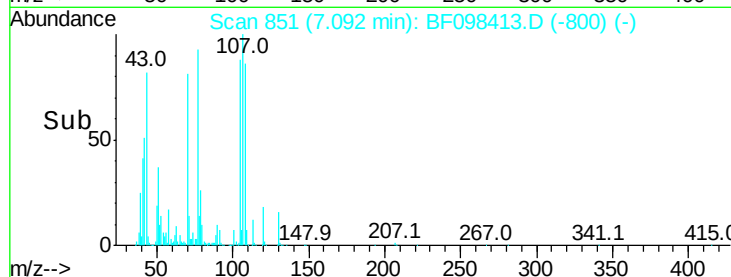
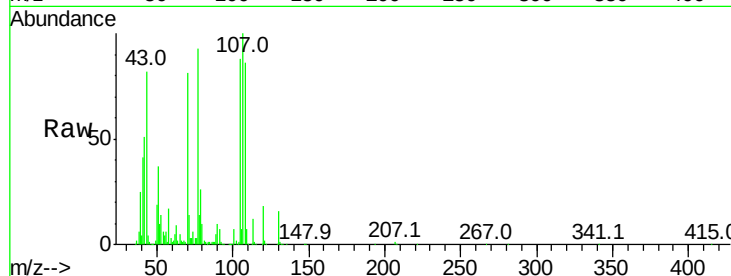
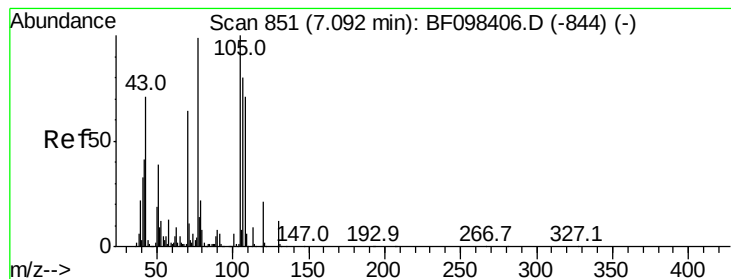
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.4	140.0
77	57.7	35.8	53.6#
79	53.5	34.8	52.2#



#18
Hexachloroethane
Concen: 43.874 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
201	85.1	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 43.614 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion: 70 Resp: 495926

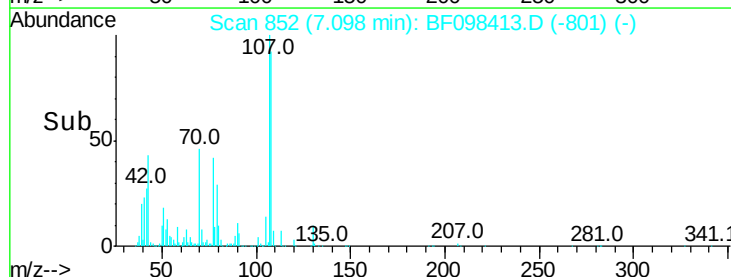
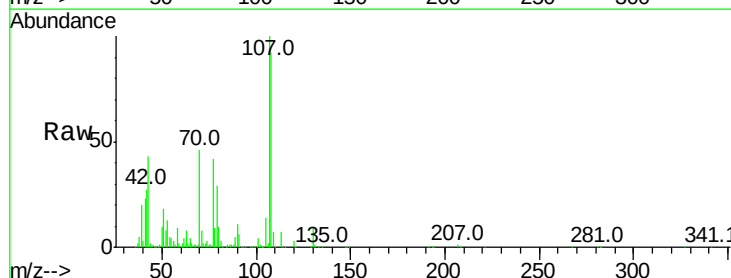
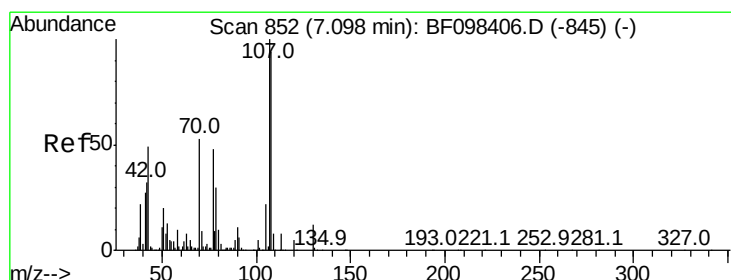
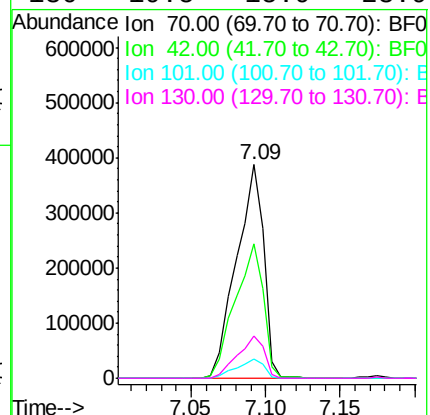
Ion Ratio Lower Upper

70 100

42 62.8 47.2 70.8

101 9.1 7.2 10.8

130 19.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 45.740 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion: 107 Resp: 736901

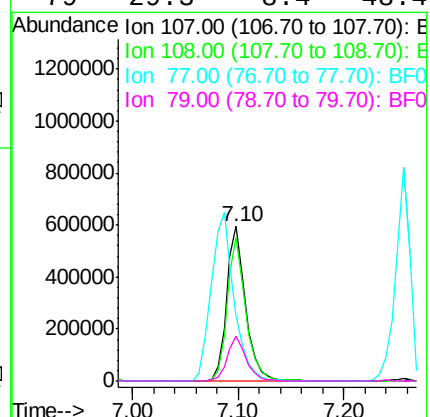
Ion Ratio Lower Upper

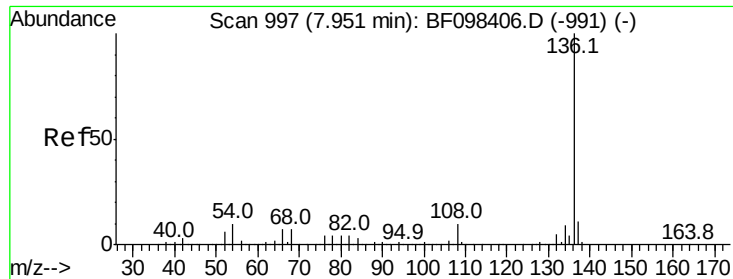
107 100

108 92.4 71.0 111.0

77 42.0 90.5 130.5#

79 29.3 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:136 Resp: 894802

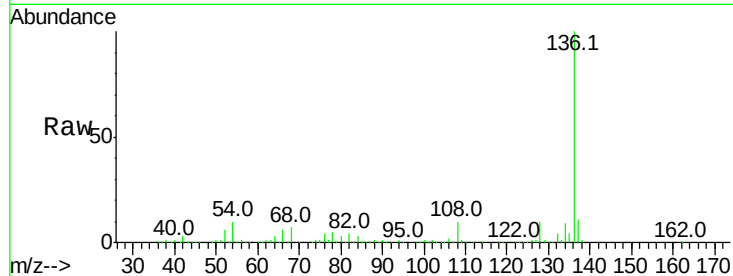
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.0 4.9 7.3#

68 7.0 4.1 6.1#

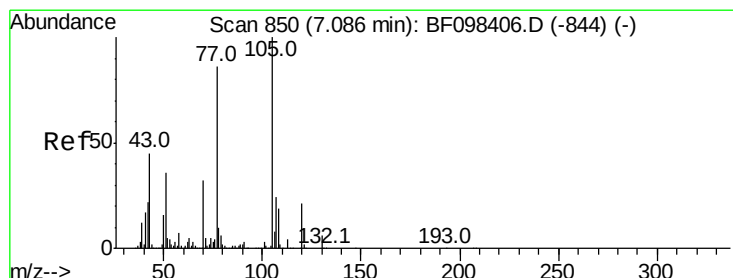
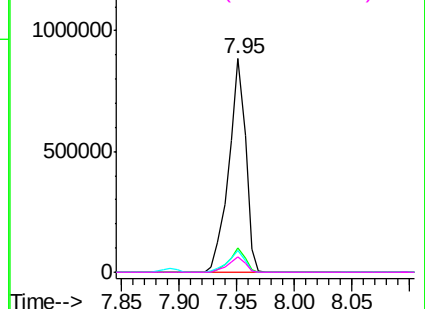
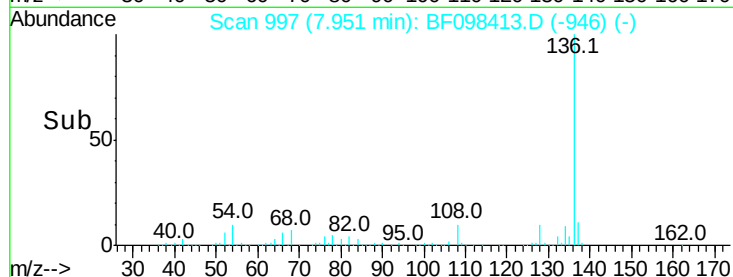


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.553 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion:105 Resp: 960986

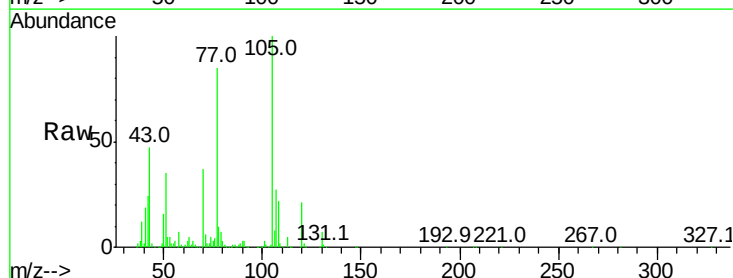
Ion Ratio Lower Upper

105 100

71 6.2 2.8 4.2#

51 34.7 30.7 46.1

120 21.3 17.4 26.0

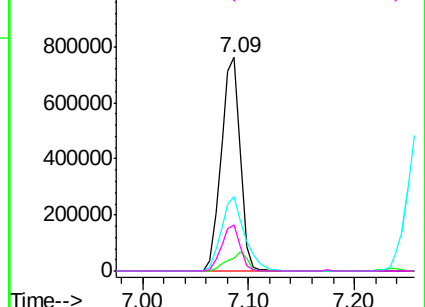
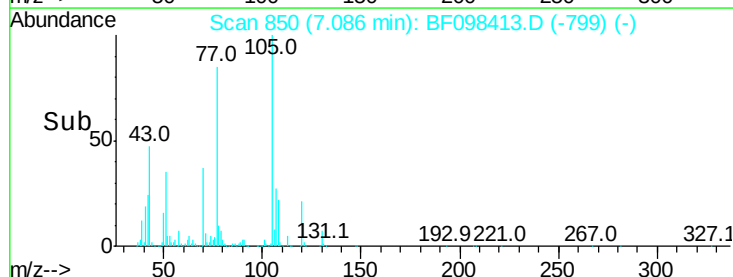


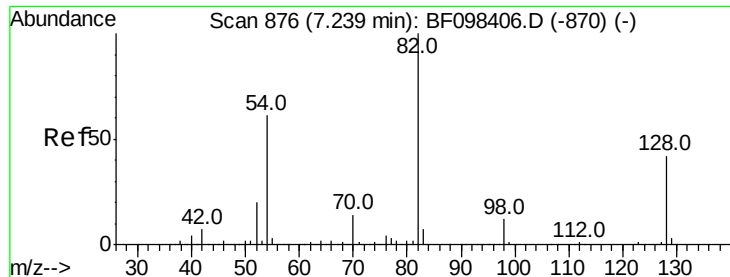
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



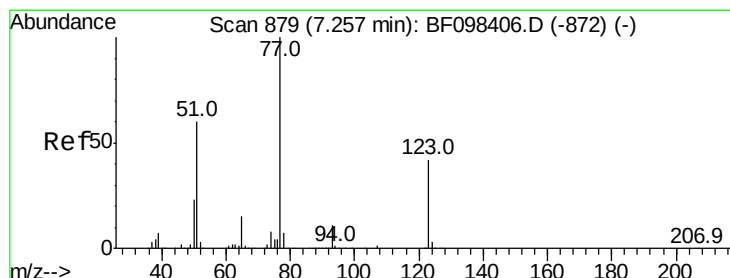
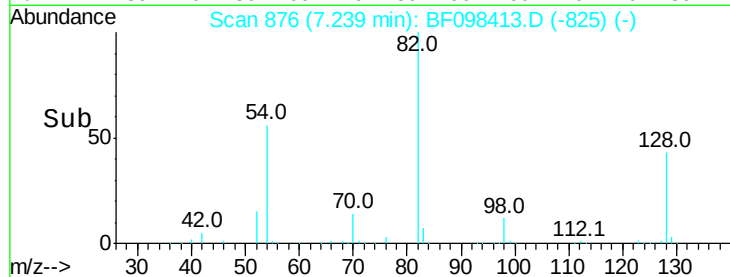
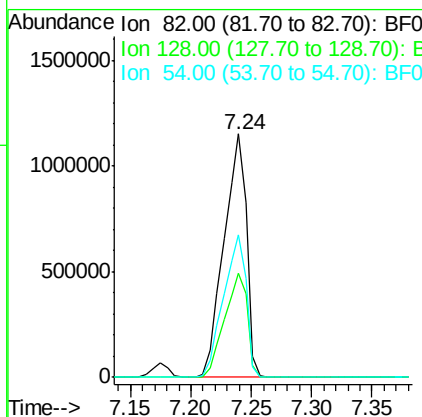
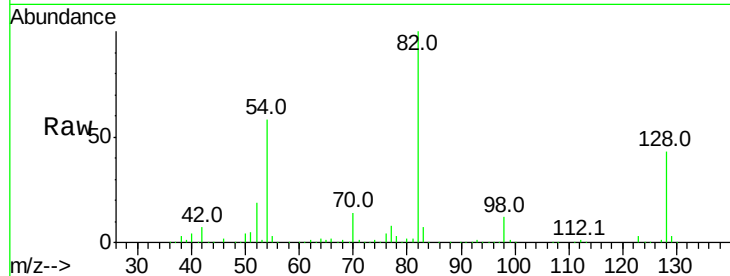


#23
 Nitrobenzene-d5
 Concen: 92.611 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion: 82 Resp: 1486435

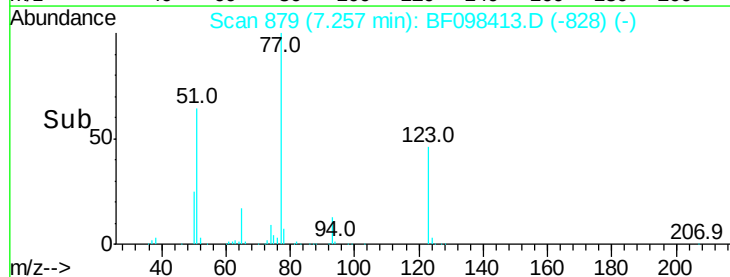
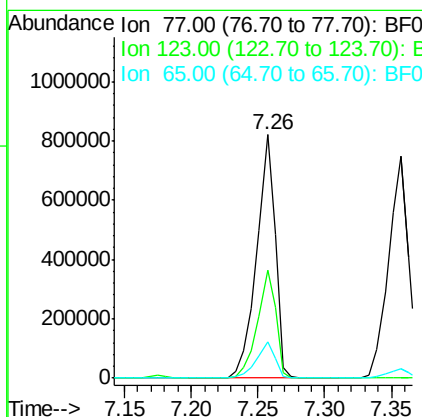
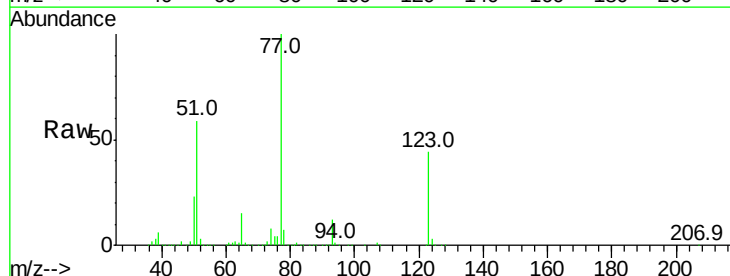
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	58.3	42.2	63.2

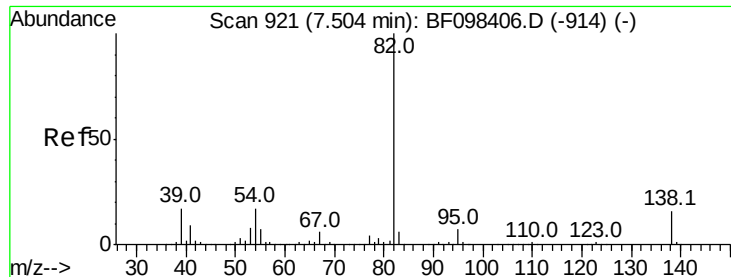


#24
 Nitrobenzene
 Concen: 42.506 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion: 77 Resp: 777104

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 43.098 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

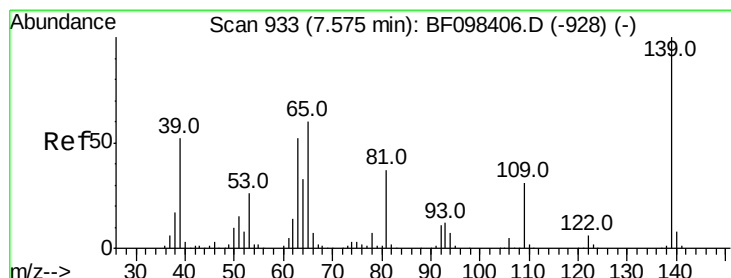
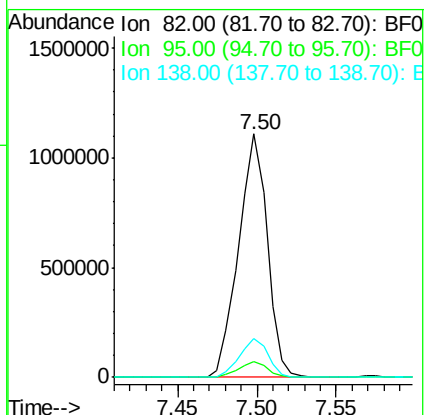
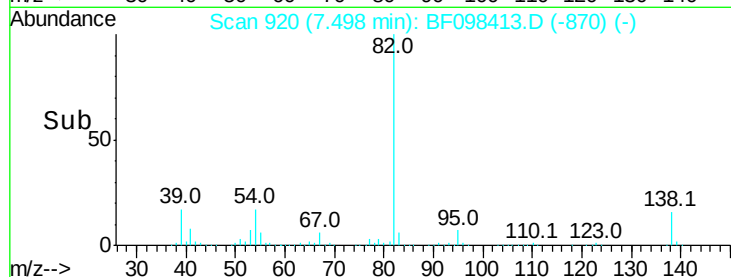
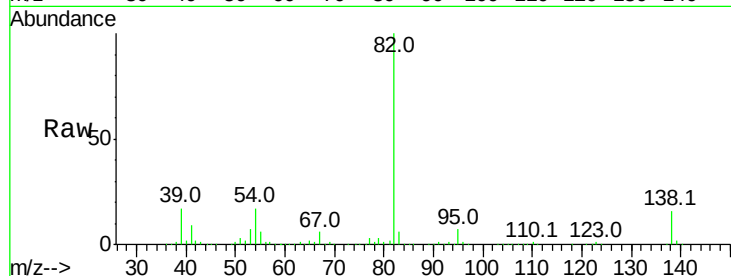
Tot Ion: 82 Resp: 1399573

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 16.0 13.1 19.7



#26

2-Nitrophenol

Concen: 47.871 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

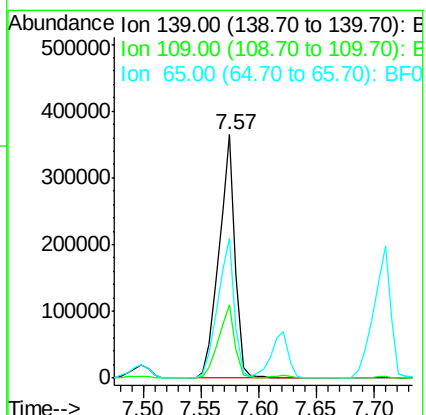
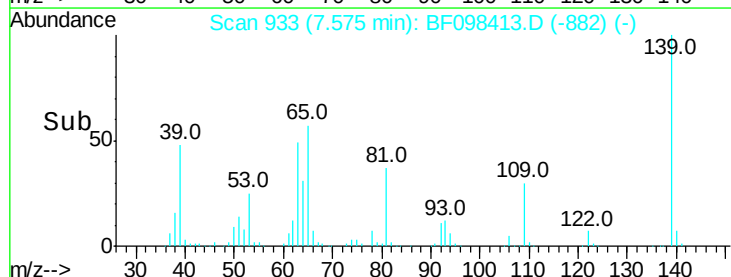
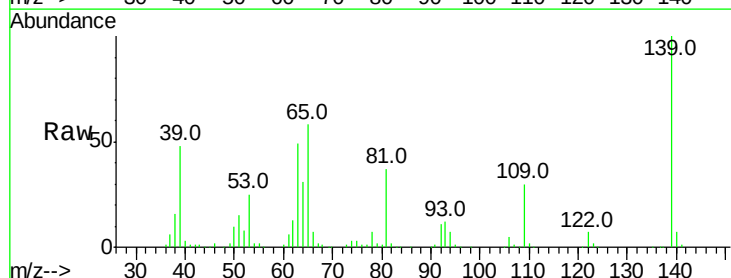
Tgt Ion:139 Resp: 353370

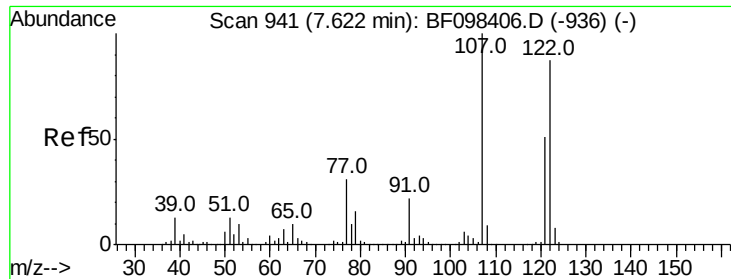
Ion Ratio Lower Upper

139 100

109 30.2 21.0 31.6

65 57.7 33.0 49.6#

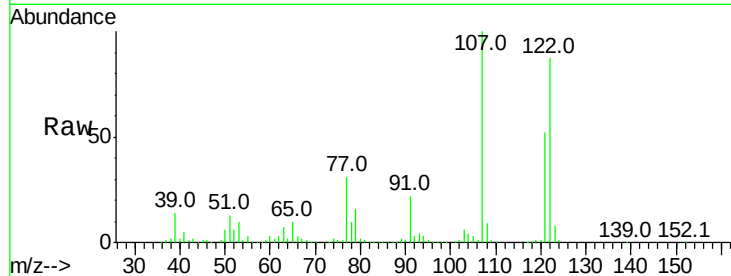




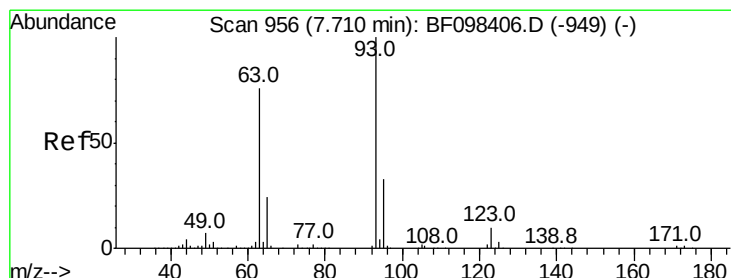
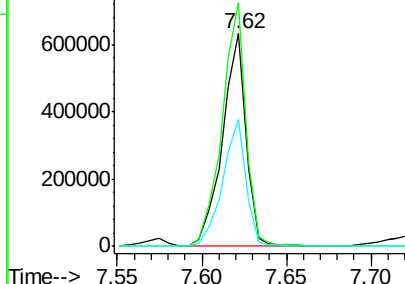
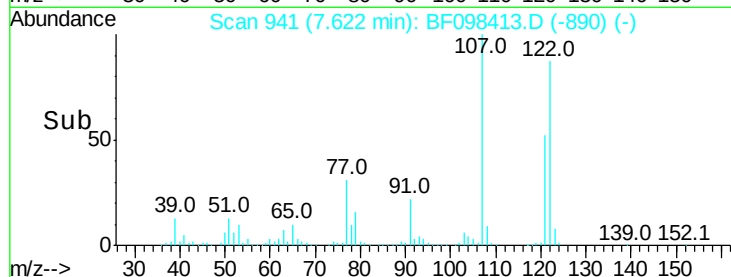
#27
 2,4-Dimethylphenol
 Concen: 43.614 ng
 RT: 7.62 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion:122 Resp: 613718
 Ion Ratio Lower Upper
 122 100
 107 114.5 89.2 133.8
 121 59.9 45.2 67.8

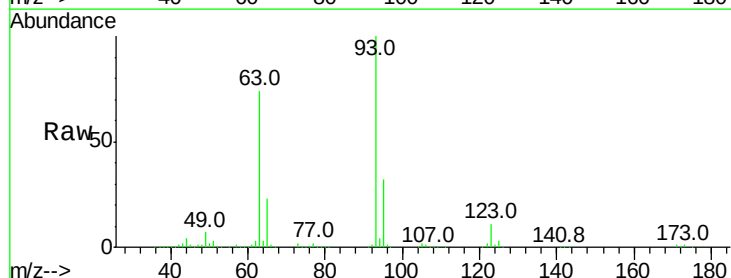


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

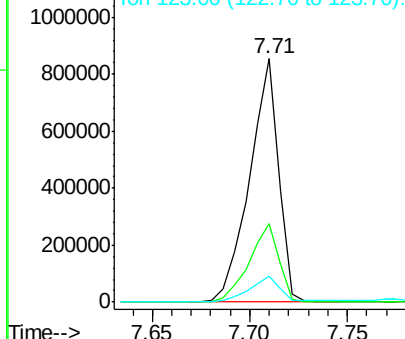
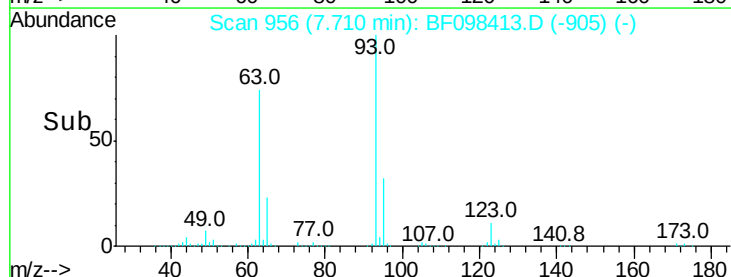


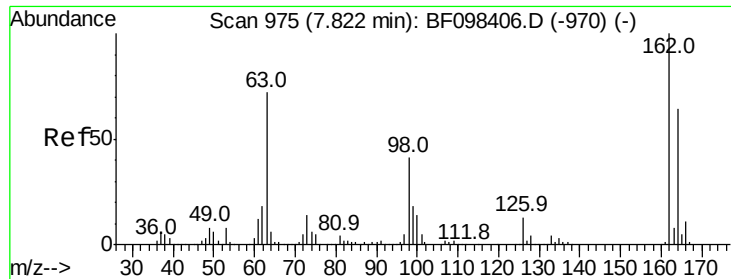
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.369 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion: 93 Resp: 879186
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 10.8 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

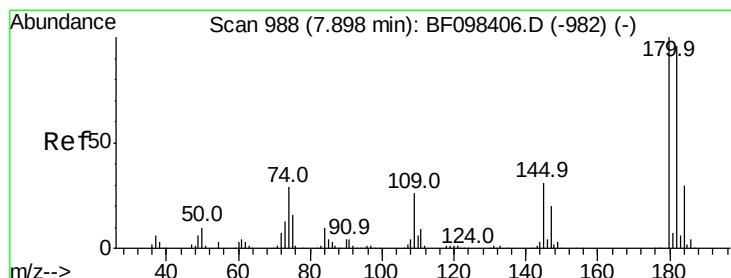
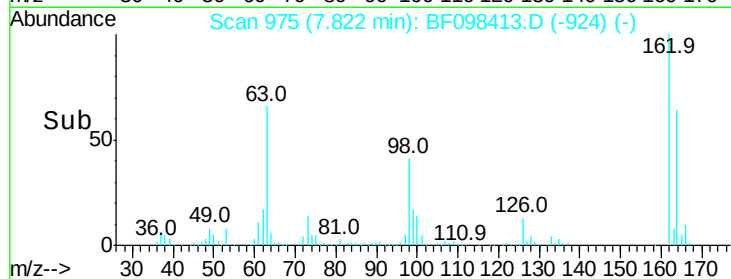
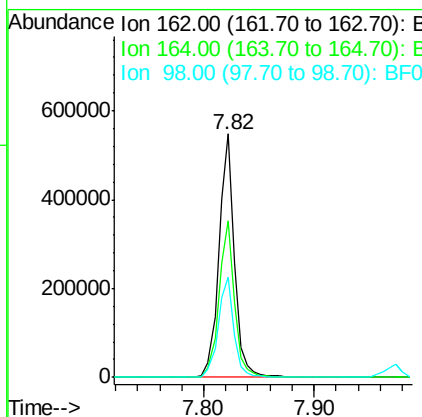
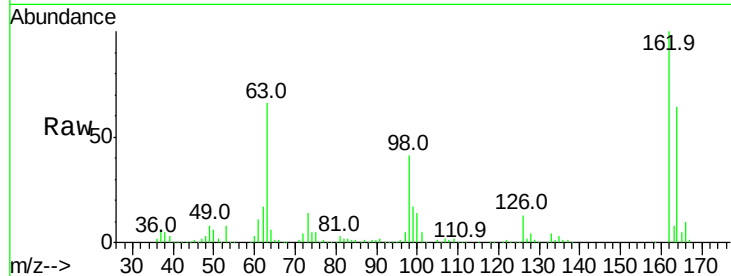




#29
 2,4-Dichlorophenol
 Concen: 45.608 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

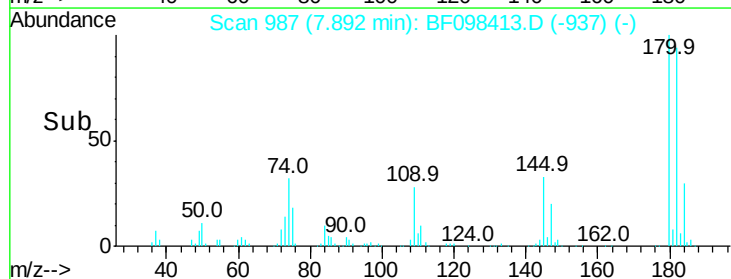
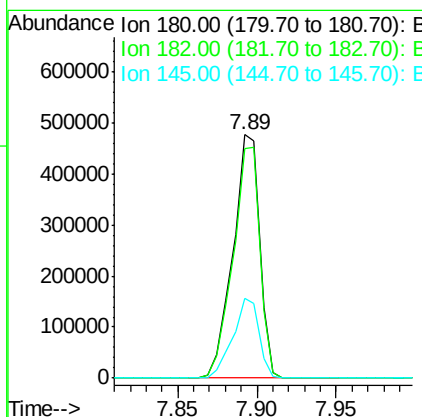
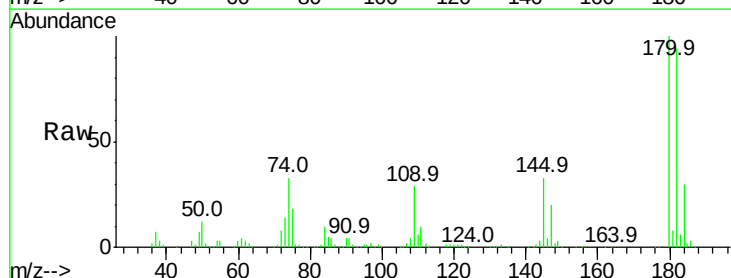
Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

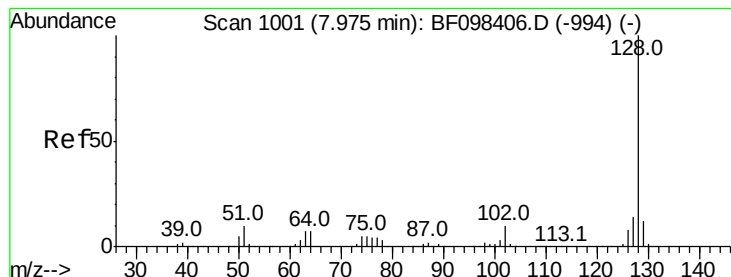
Tot Ion:162	Resp:	533764
Ion Ratio	Lower	Upper
162	100	
164	64.4	44.6 84.6
98	40.9	14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 43.909 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion:180	Resp:	558988
Ion Ratio	Lower	Upper
180	100	
182	94.3	75.8 113.6
145	32.9	25.3 37.9





#31

Naphthalene

Concen: 43.577 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

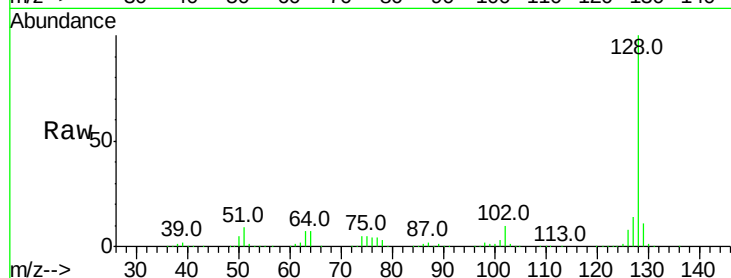
Tot Ion:128 Resp: 1927644

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

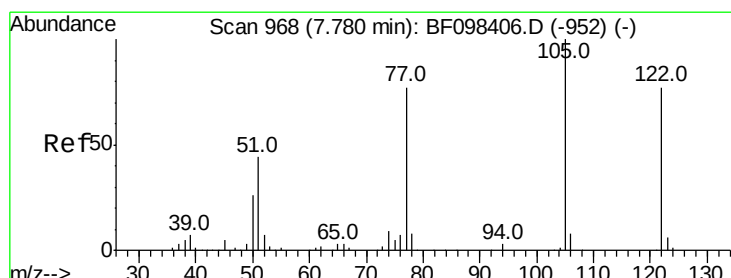
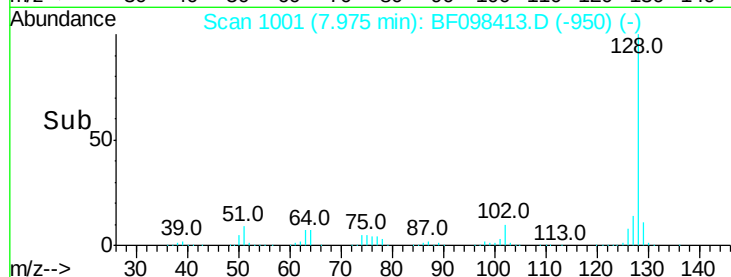
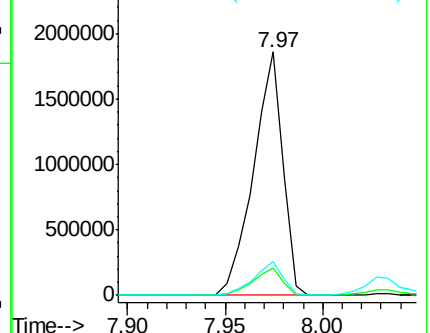
127 13.6 10.8 16.2



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: 35.903 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

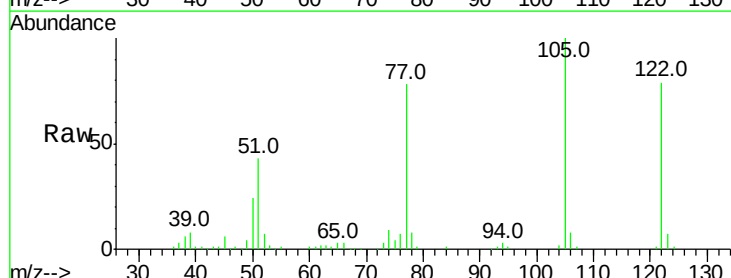
Tgt Ion:122 Resp: 316174

Ion Ratio Lower Upper

122 100

105 126.1 103.3 143.3

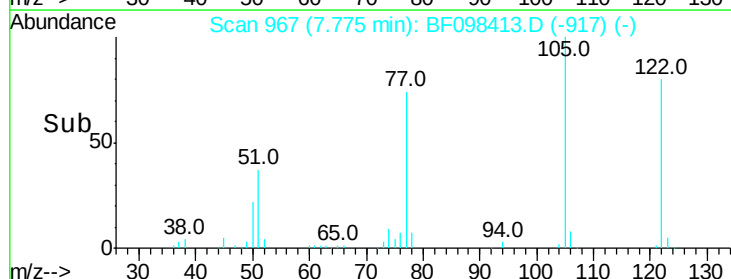
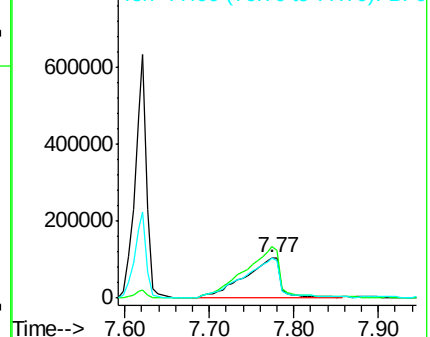
77 98.8 73.7 113.7

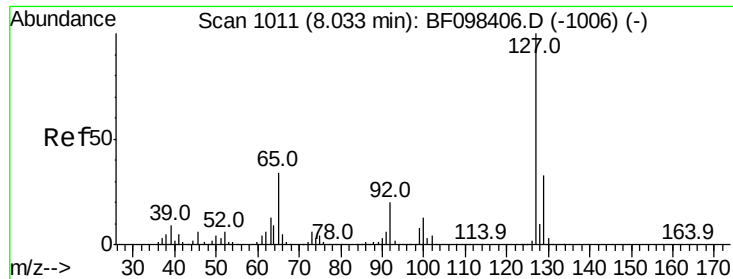


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

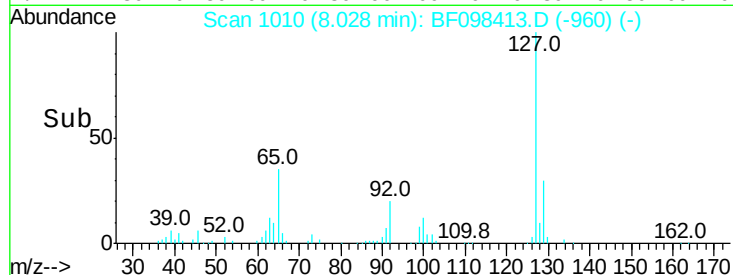
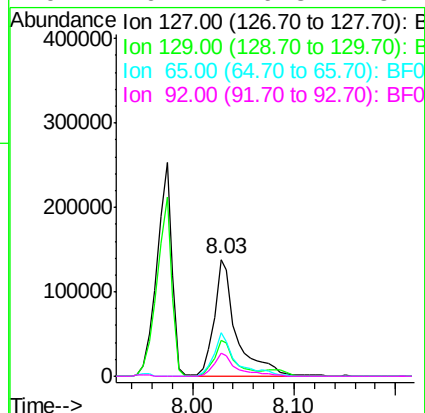
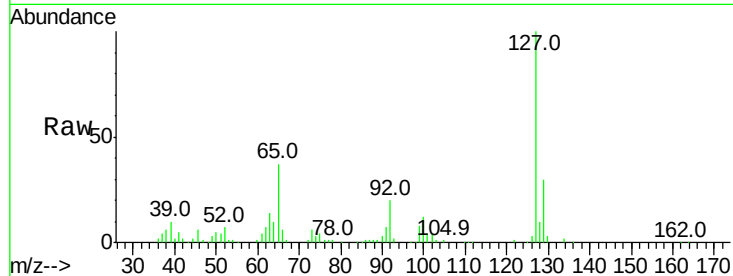




#33
4-Chloroaniline
Concen: 11.645 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

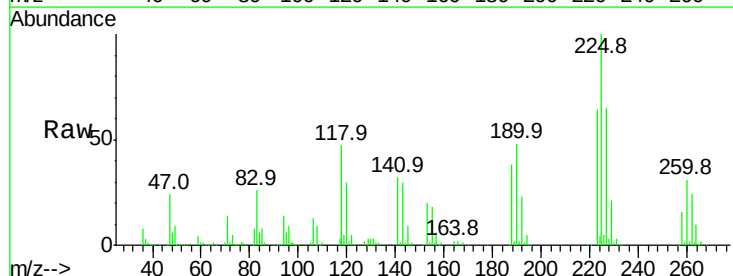
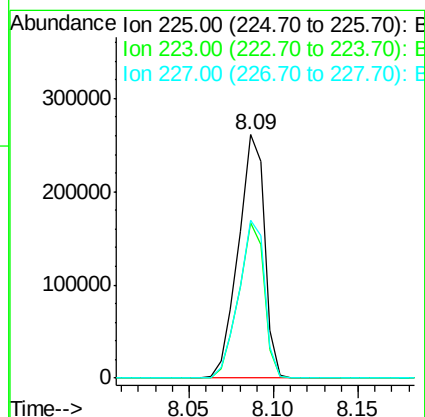
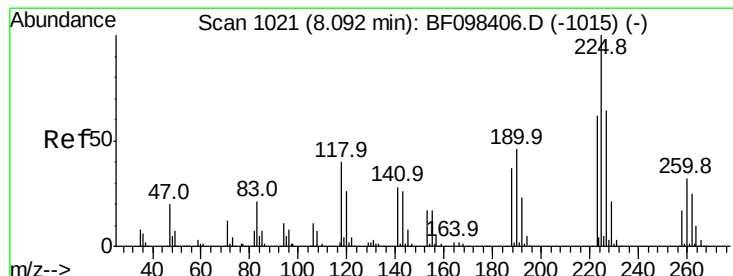
Instrument :
BNA_F
ClientSampleId :
PB102184BS

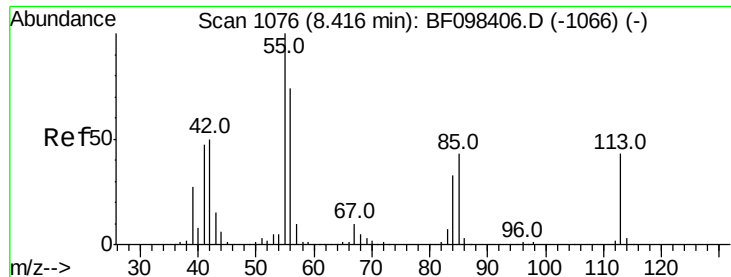
Tot Ion:	127	Resp:	209353
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.2	39.2
65	37.1	27.8	41.8
92	20.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.129 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:	225	Resp:	281868
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	65.1	51.1	76.7





#35

Caprolactam

Concen: 25.220 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

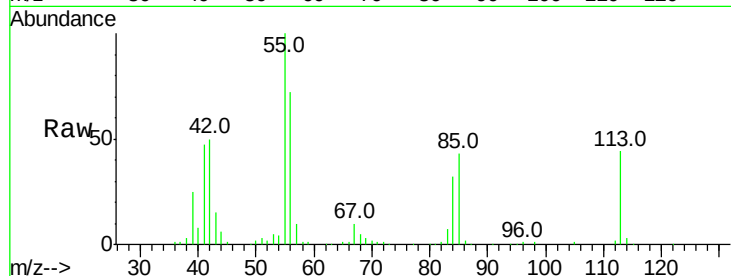
Tot Ion:113 Resp: 101779

Ion Ratio Lower Upper

113 100

55 225.3 150.2 190.2#

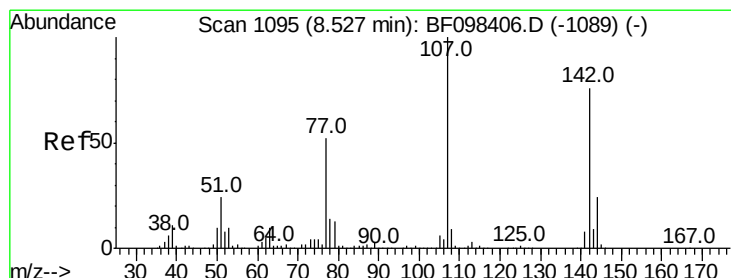
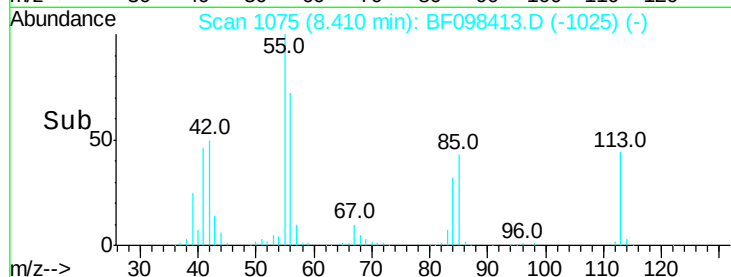
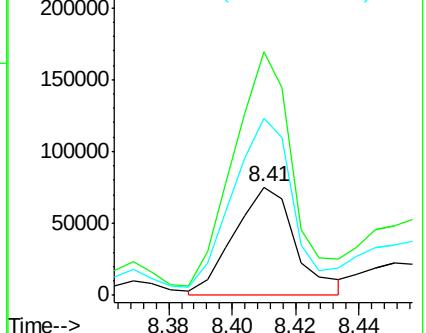
56 163.3 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.491 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

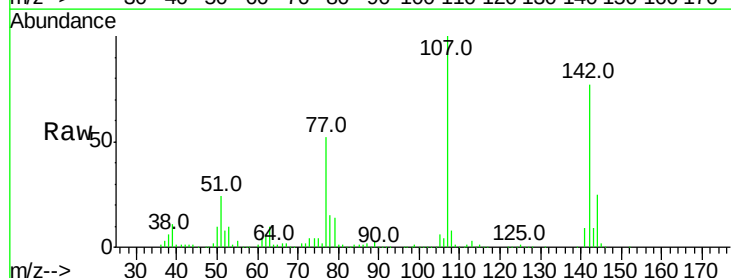
Tgt Ion:107 Resp: 631219

Ion Ratio Lower Upper

107 100

144 25.3 24.2 36.4

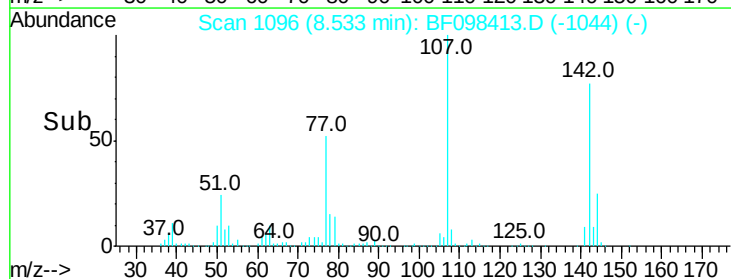
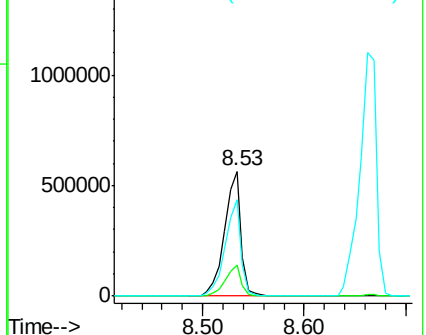
142 76.9 73.4 110.0

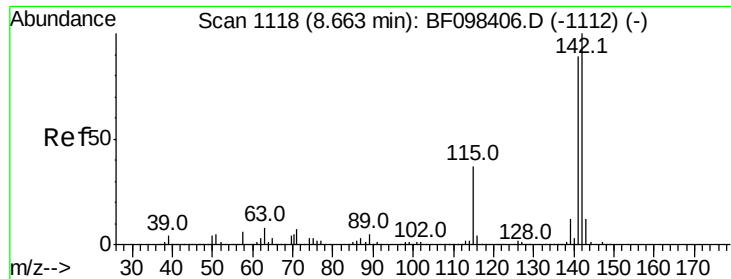


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

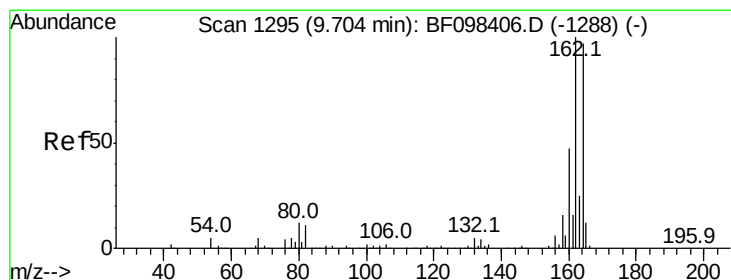
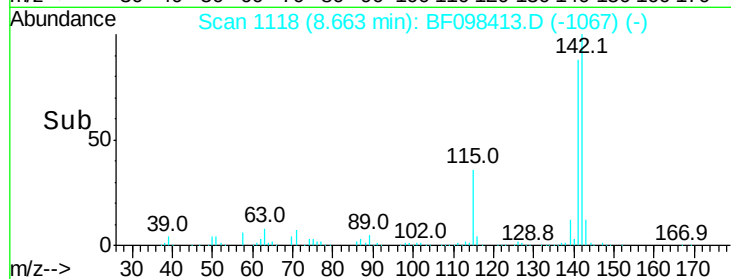
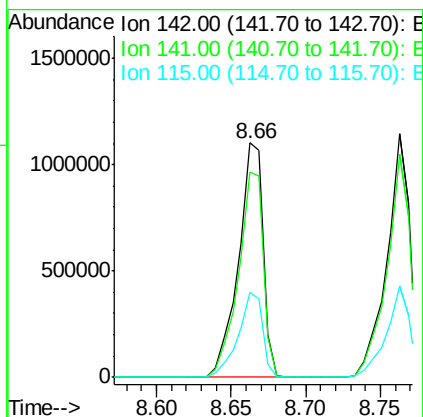
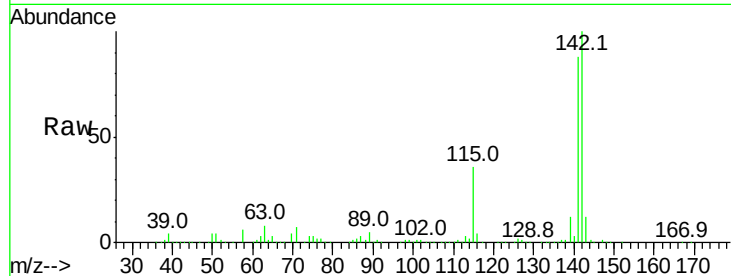




#37
2-Methylnaphthalene
Concen: 47.251 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

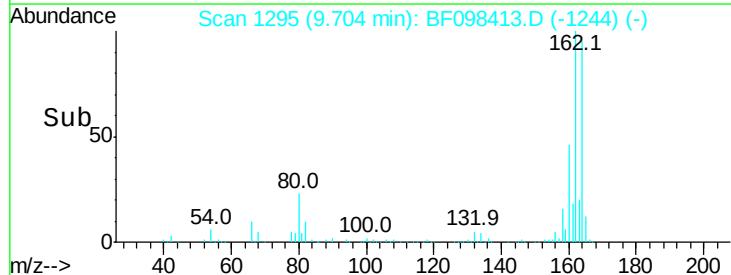
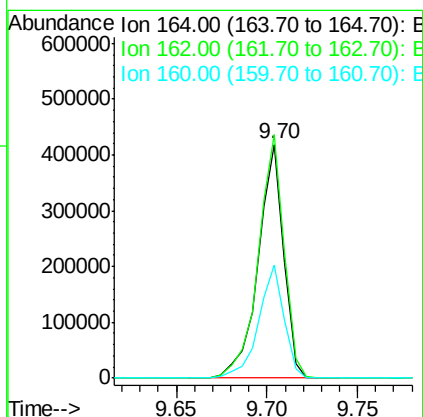
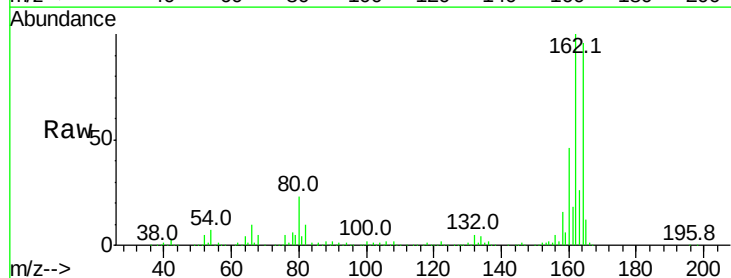
Instrument :
BNA_F
ClientSampleId :
PB102184BS

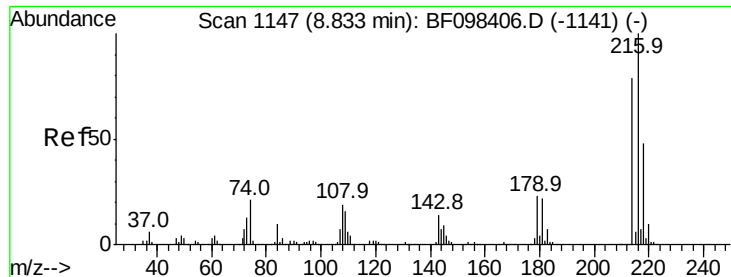
Tot Ion:142 Resp: 1266065
Ion Ratio Lower Upper
142 100
141 87.7 71.3 106.9
115 36.4 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:164 Resp: 409265
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 48.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.463 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:216 Resp: 503093

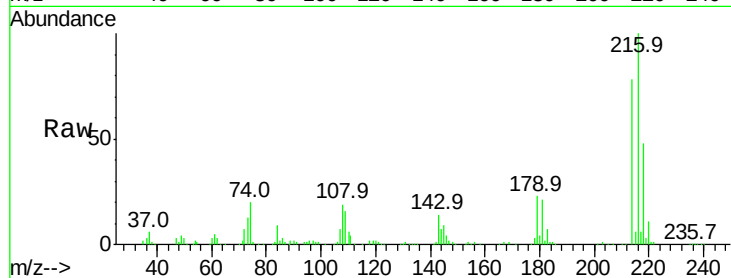
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 22.8 17.9 26.9

108 24.7 16.5 24.7

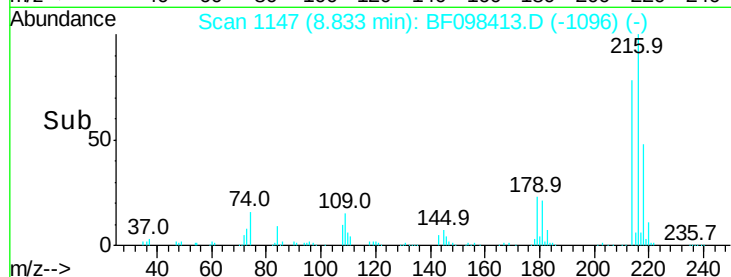


Abundance Ion 216.00 (215.70 to 216.70): E

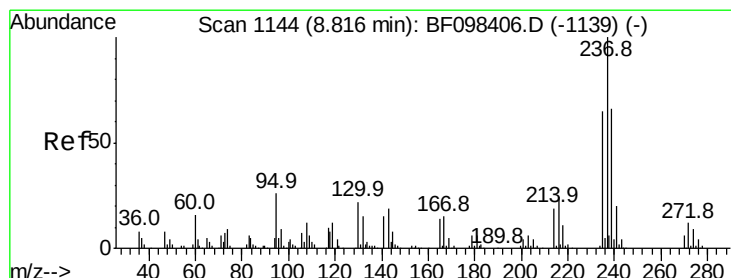
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 105.539 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

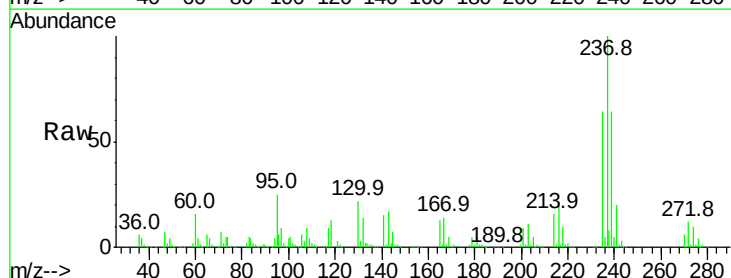
Tgt Ion:237 Resp: 407368

Ion Ratio Lower Upper

237 100

235 64.5 42.6 82.6

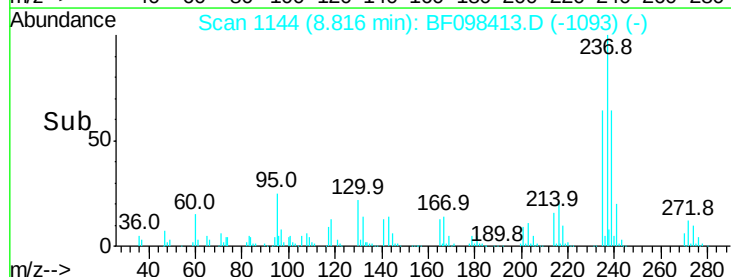
272 12.3 0.0 31.9



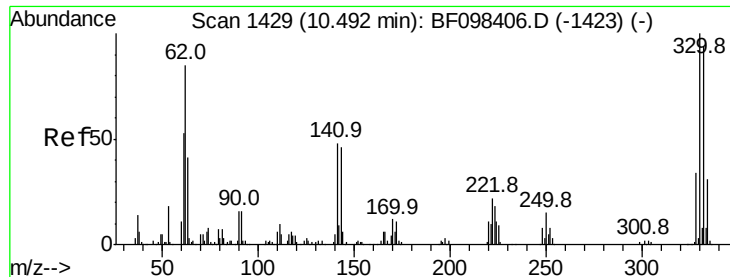
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



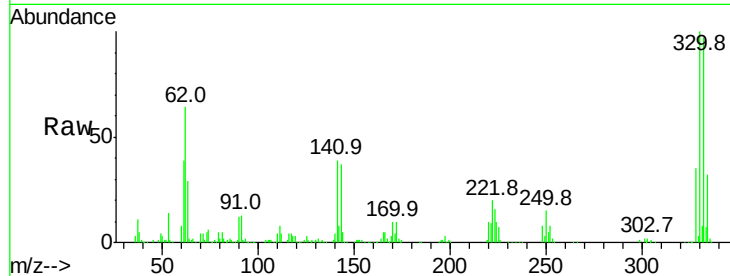
Time-->



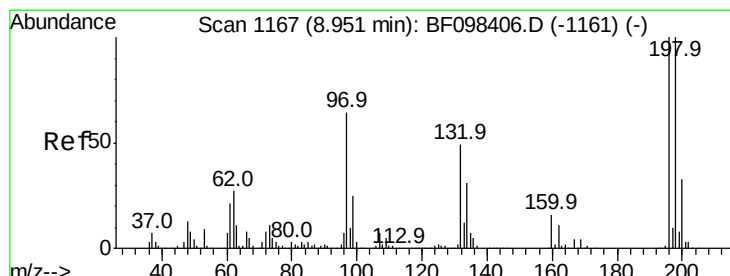
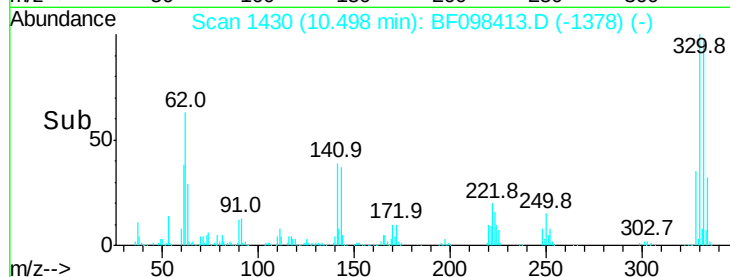
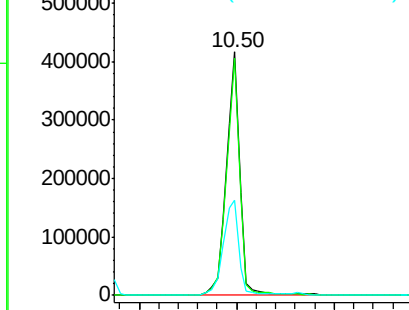
#41
 2,4,6-Tribromophenol
 Concen: 146.207 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	45.6	31.4	47.2

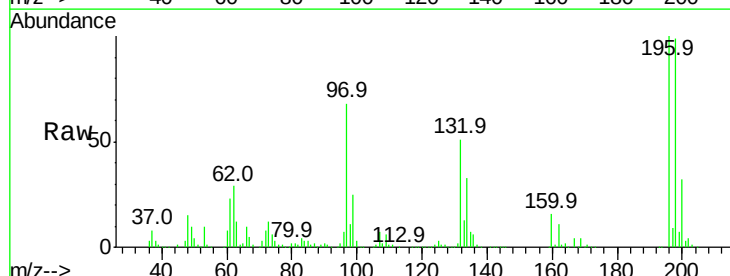


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

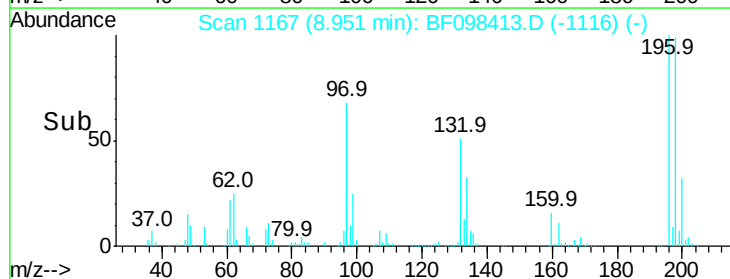
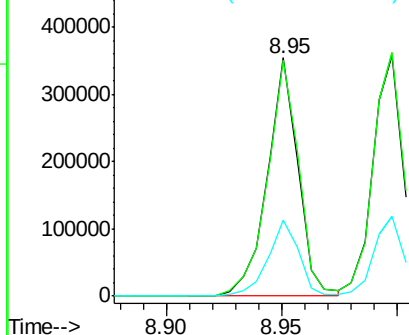


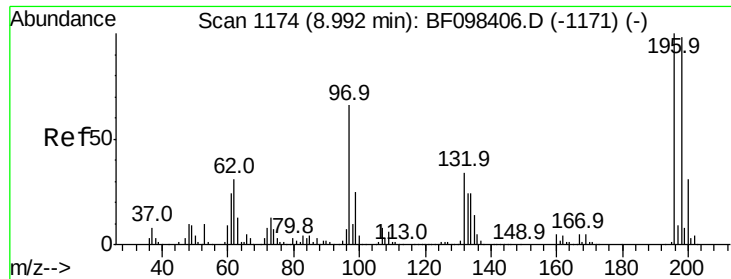
#42
 2,4,6-Trichlorophenol
 Concen: 43.868 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	74.2	111.4
200	32.1	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

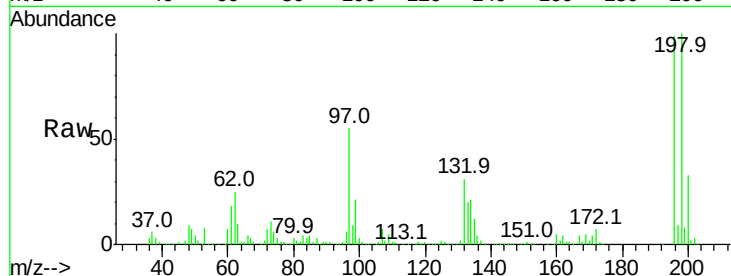




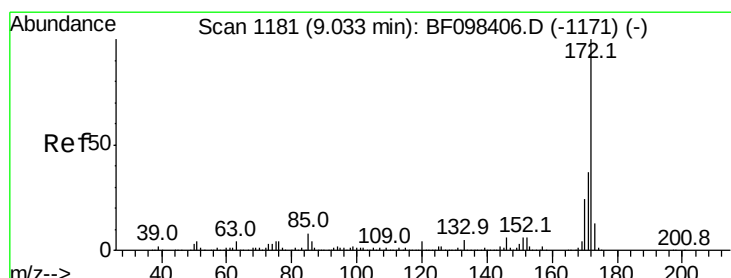
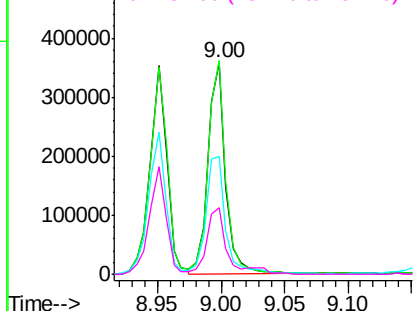
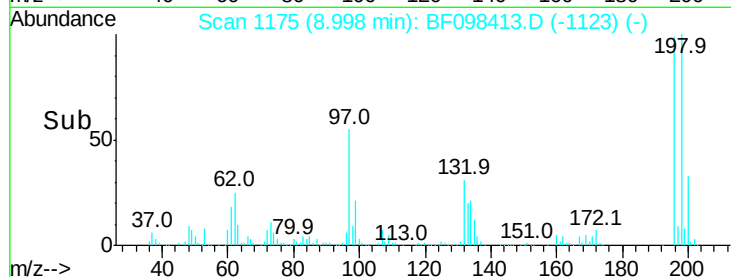
#43
 2,4,5-Trichlorophenol
 Concen: 44.521 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion:196 Resp: 348453
 Ion Ratio Lower Upper
 196 100
 198 101.0 75.7 113.5
 97 55.7 47.7 71.5
 132 31.7 28.0 42.0

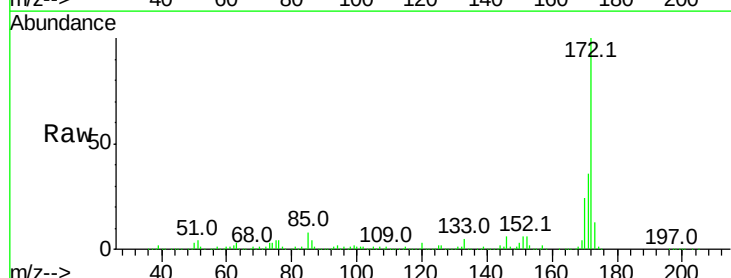


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

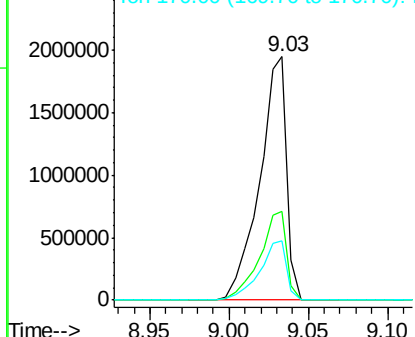
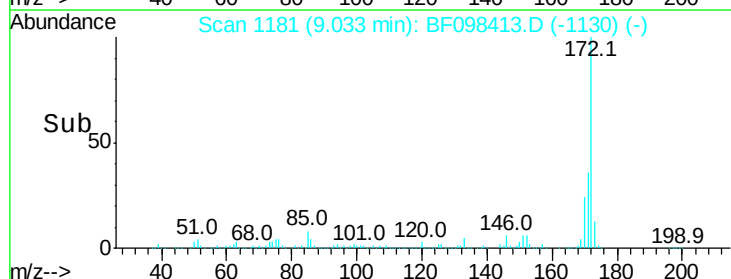


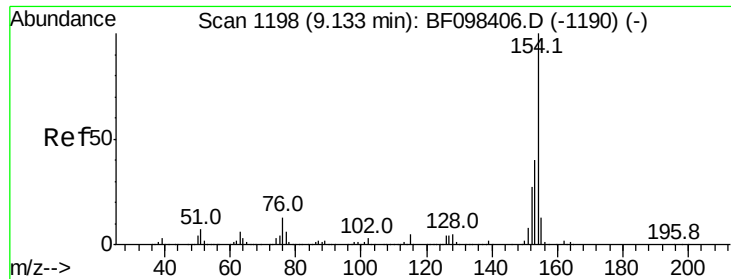
#44
 2-Fluorobiphenyl
 Concen: 95.822 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion:172 Resp: 2313771
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.4 19.8 29.8



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: 40.500 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

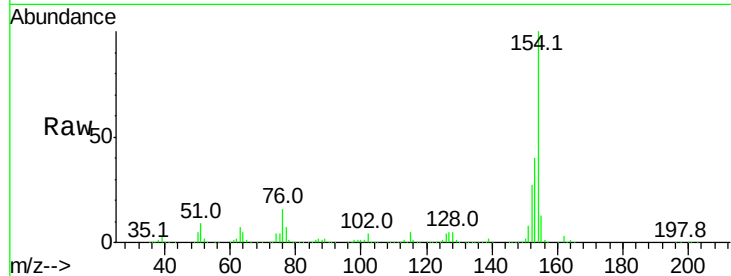
Tot Ion:154 Resp: 1483588

Ion Ratio Lower Upper

154 100

153 40.5 21.2 61.2

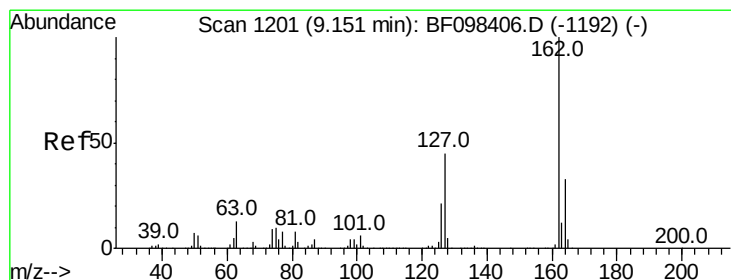
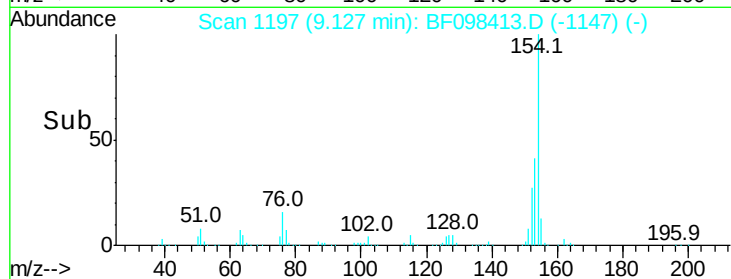
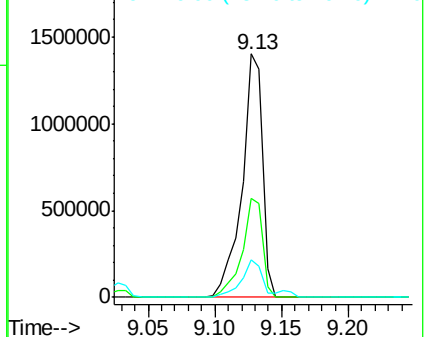
76 15.6 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.883 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

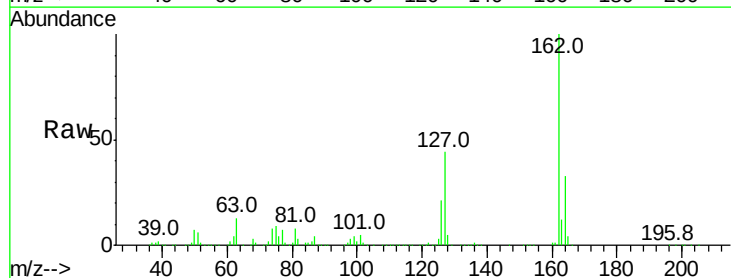
Tgt Ion:162 Resp: 1121885

Ion Ratio Lower Upper

162 100

127 44.5 28.3 42.5#

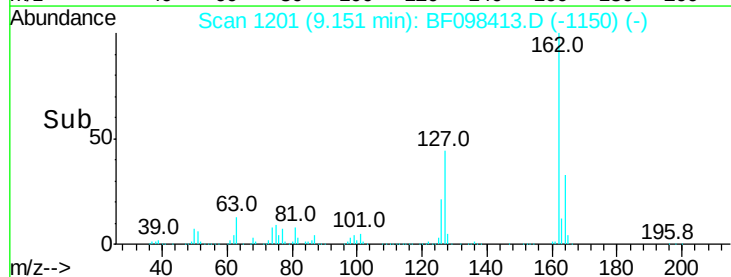
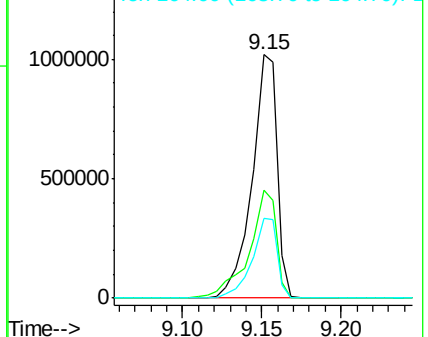
164 33.0 27.0 40.4

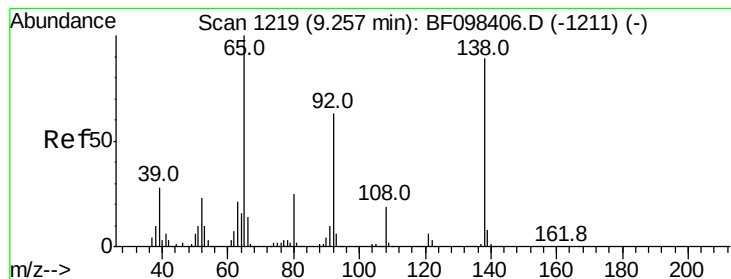


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.565 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

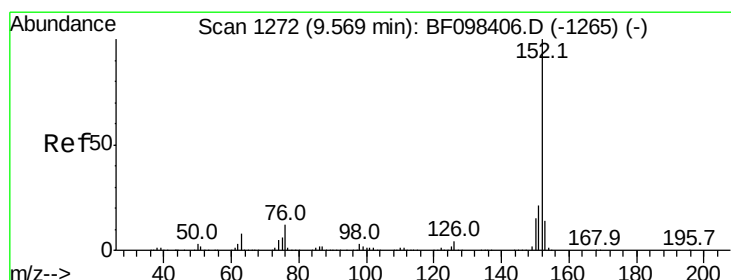
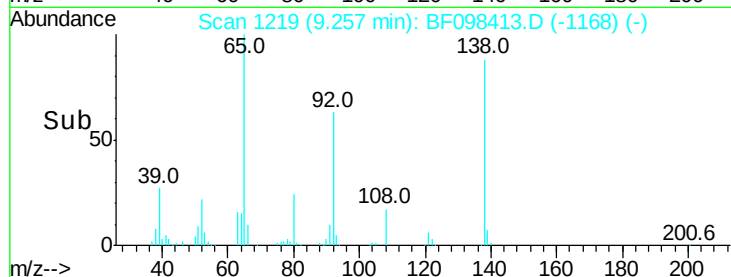
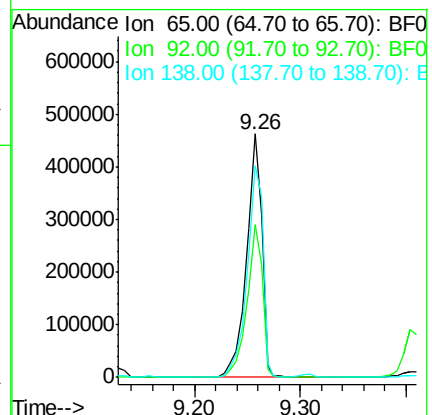
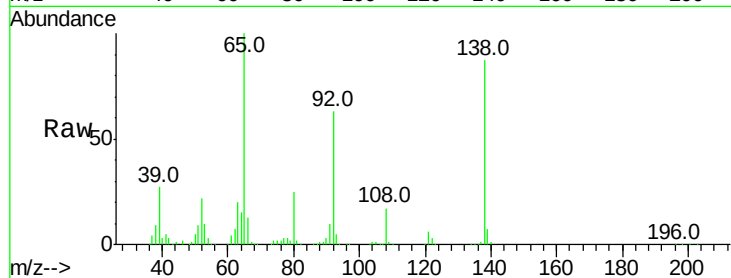
Tot Ion: 65 Resp: 457526

Ion Ratio Lower Upper

65 100

92 62.5 53.9 80.9

138 87.2 78.8 118.2



#48

Acenaphthylene

Concen: 42.651 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

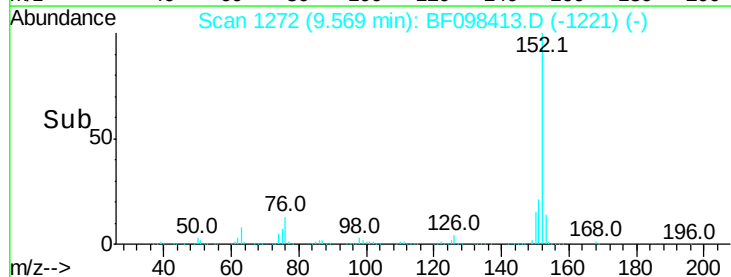
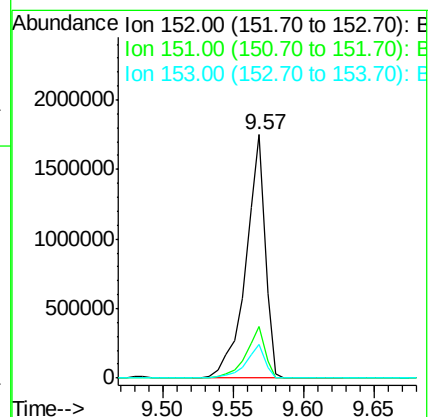
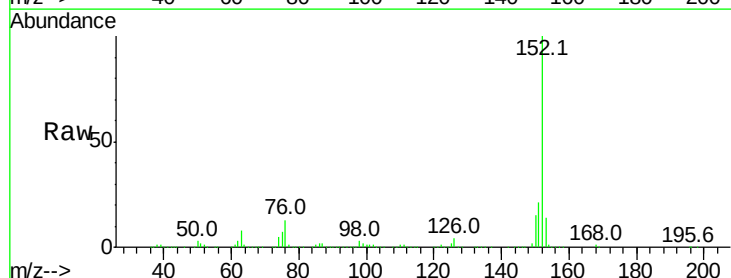
Tgt Ion: 152 Resp: 1659047

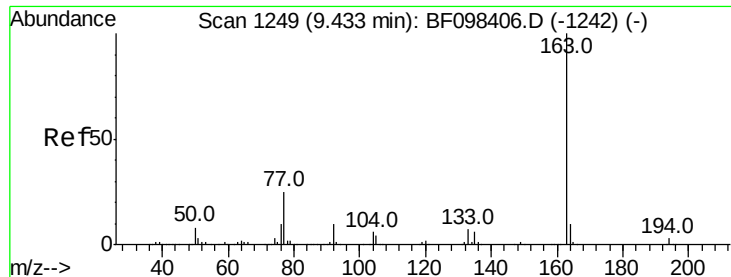
Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 42.834 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

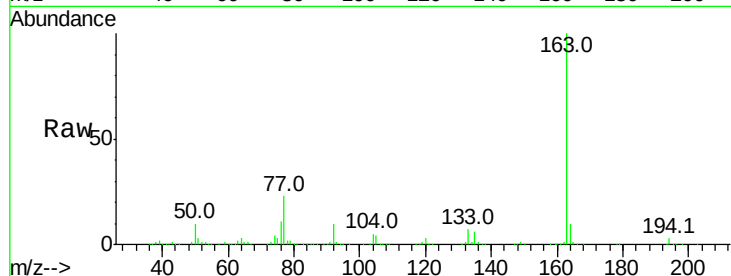
Tot Ion:163 Resp: 1356993

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

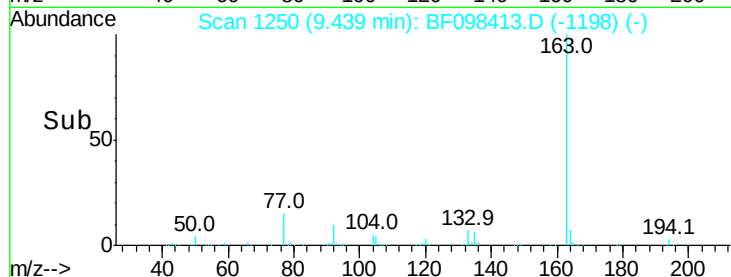
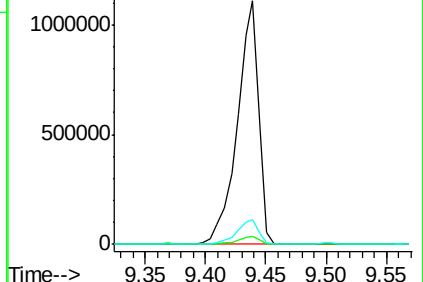
164 10.2 8.4 12.6



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: 45.075 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

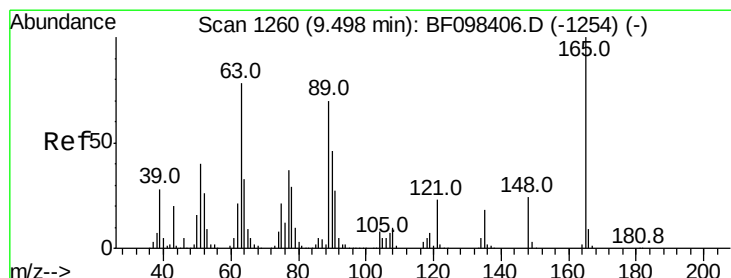
Tgt Ion:165 Resp: 293325

Ion Ratio Lower Upper

165 100

63 66.6 34.3 51.5#

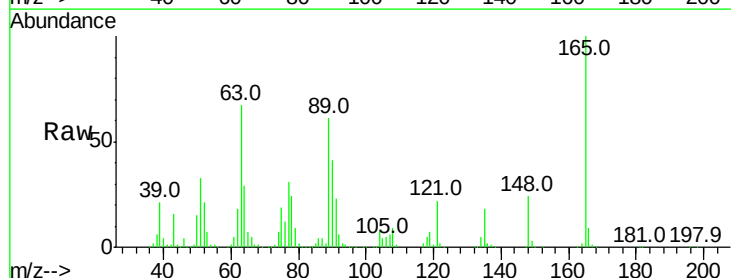
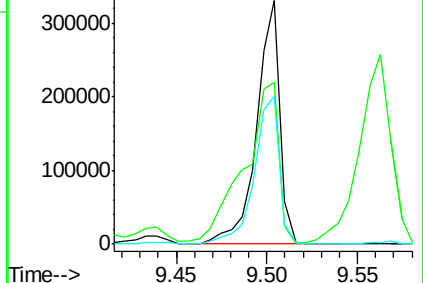
89 60.6 37.1 55.7#

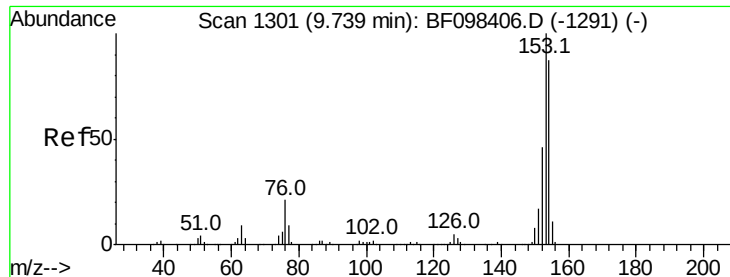


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.513 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

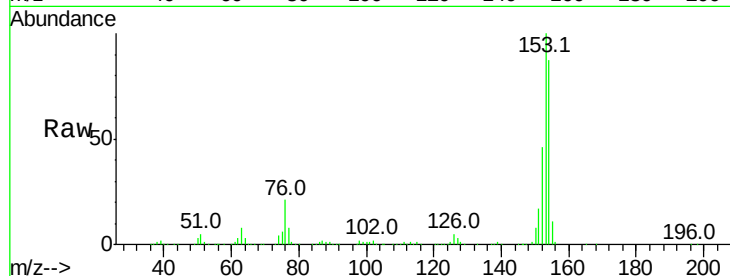
Tot Ion:154 Resp: 1051174

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

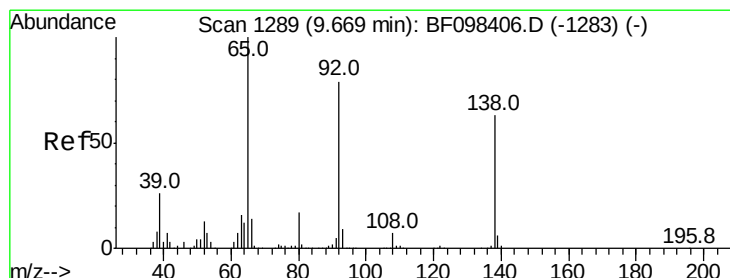
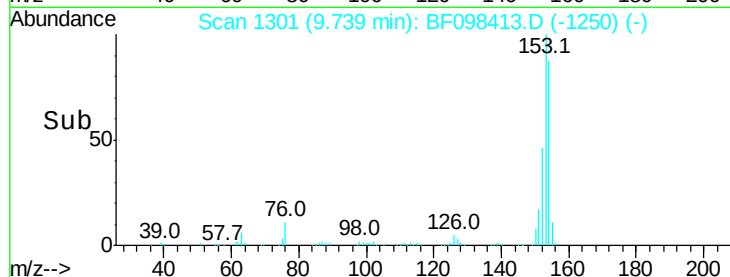
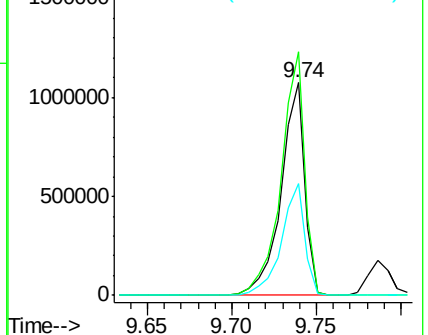
152 52.6 43.6 65.4



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: 14.461 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

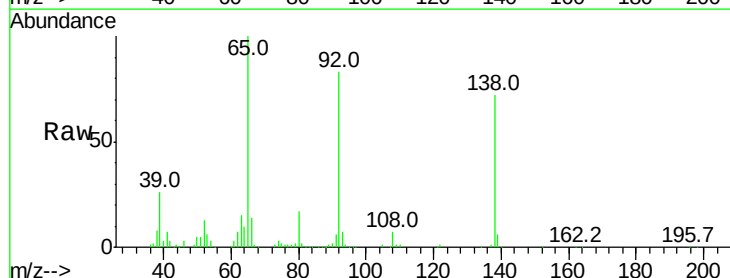
Tgt Ion:138 Resp: 113597

Ion Ratio Lower Upper

138 100

108 9.4 9.1 13.7

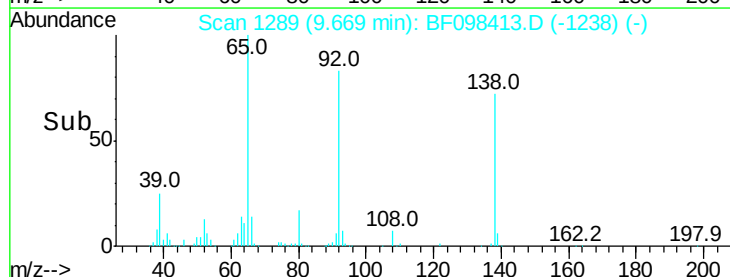
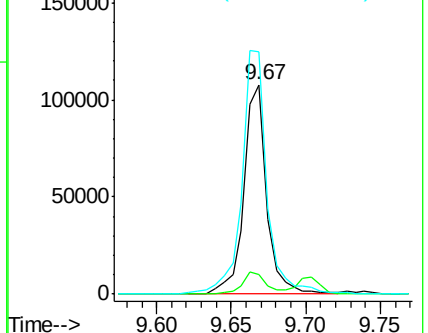
92 115.8 93.8 140.6

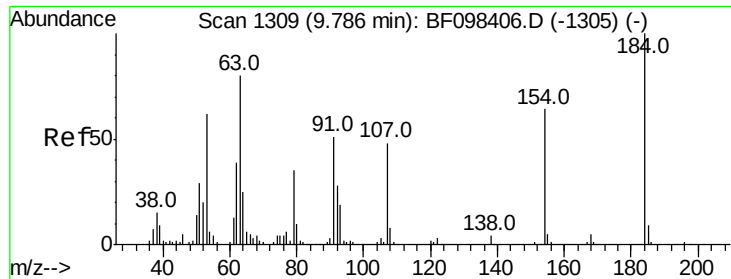


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

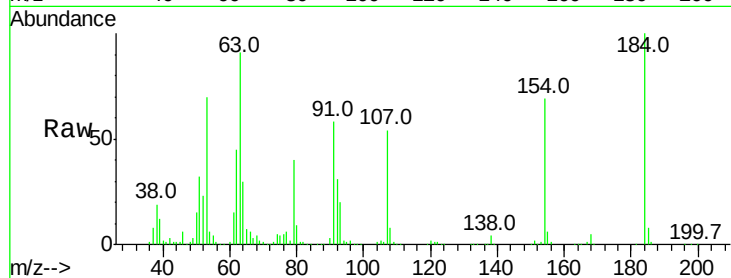




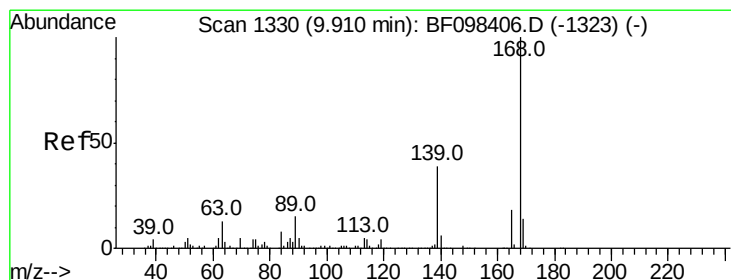
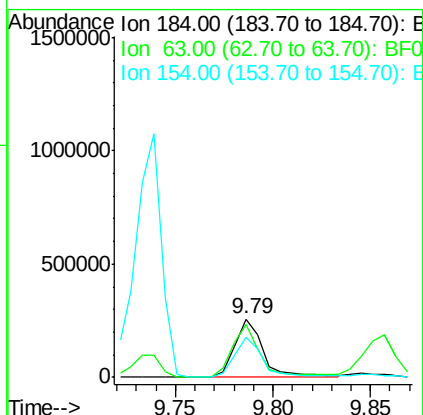
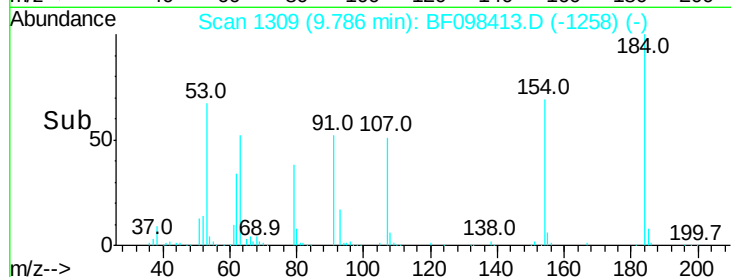
#53
2,4-Dinitrophenol
Concen: 84.219 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion:184 Resp: 260615
Ion Ratio Lower Upper
184 100
63 91.2 62.7 94.1
154 69.4 81.1 121.7#

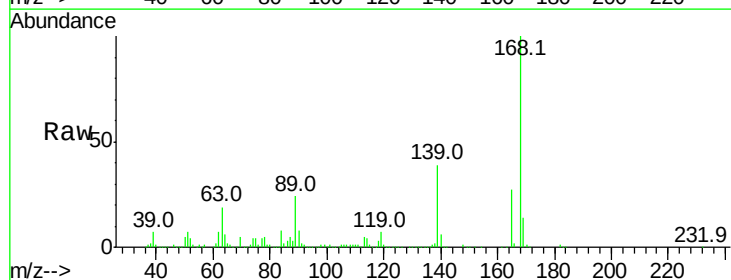


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

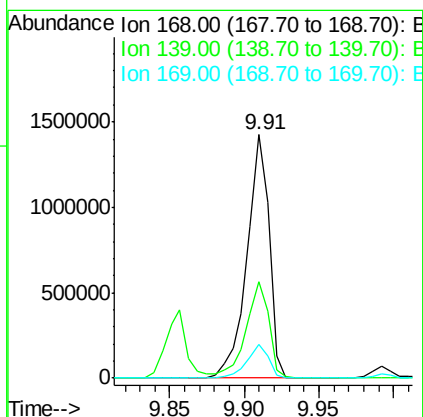
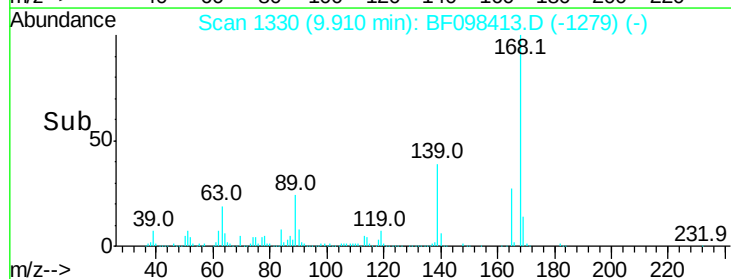


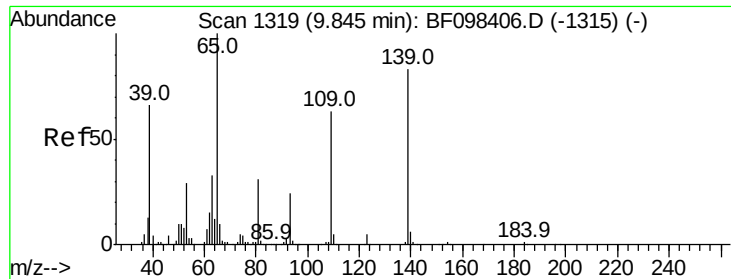
#54
Dibenzofuran
Concen: 44.813 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:168 Resp: 1459768
Ion Ratio Lower Upper
168 100
139 39.5 30.6 45.8
169 13.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 85.065 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

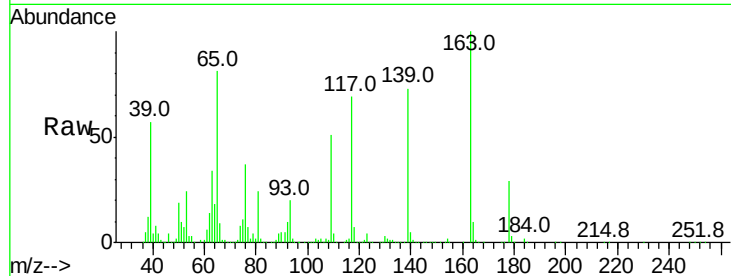
Tot Ion:139 Resp: 383912

Ion Ratio Lower Upper

139 100

109 70.4 34.1 74.1

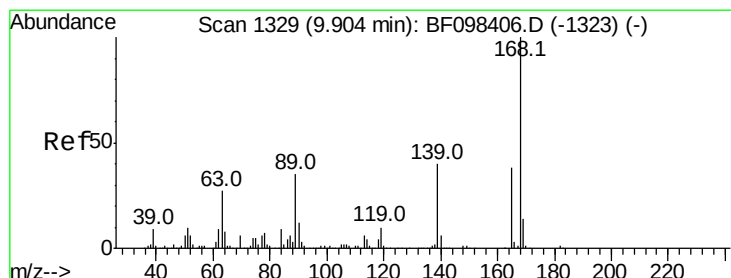
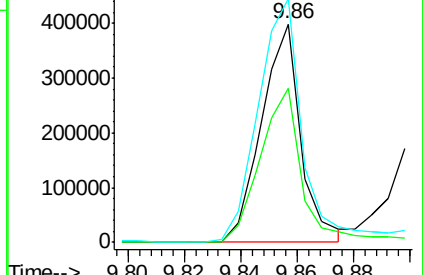
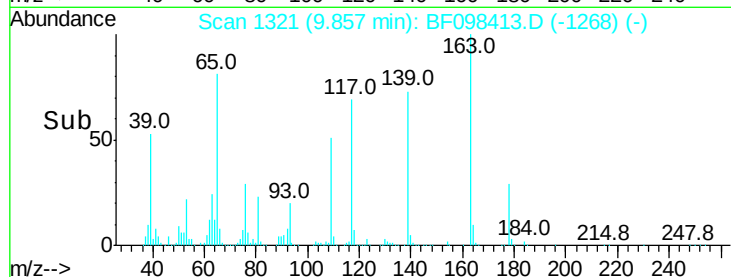
65 111.5 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.866 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion:165 Resp: 354957

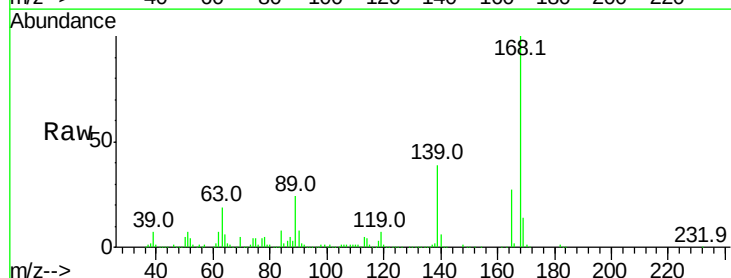
Ion Ratio Lower Upper

165 100

63 71.7 25.4 38.0#

89 87.2 46.4 69.6#

182 2.3 1.8 2.6

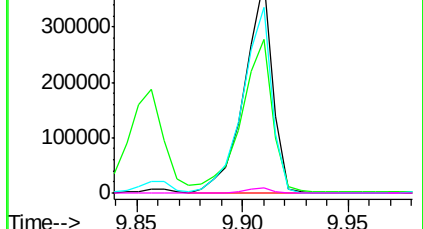
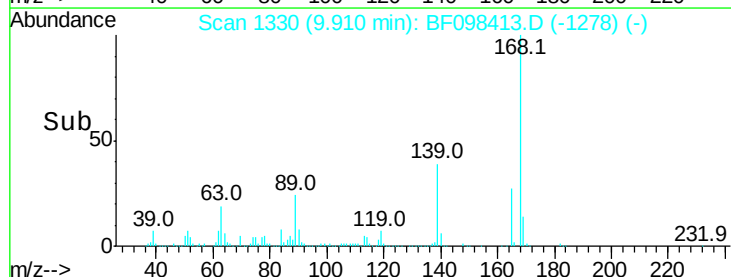


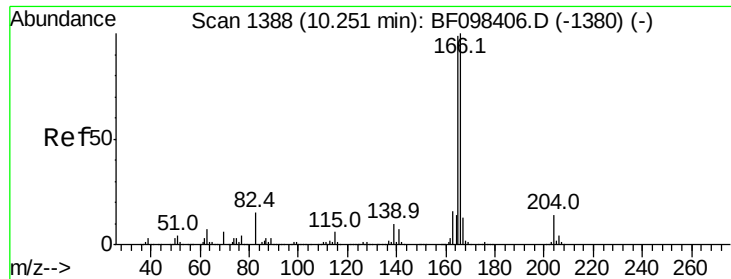
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

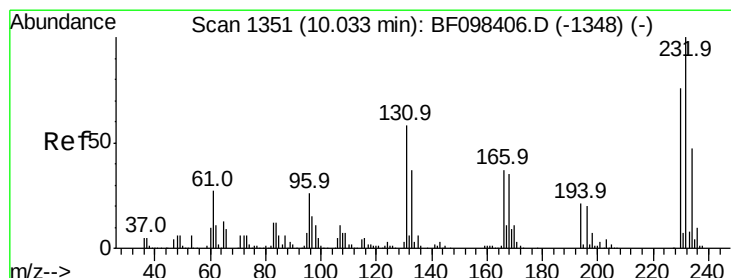
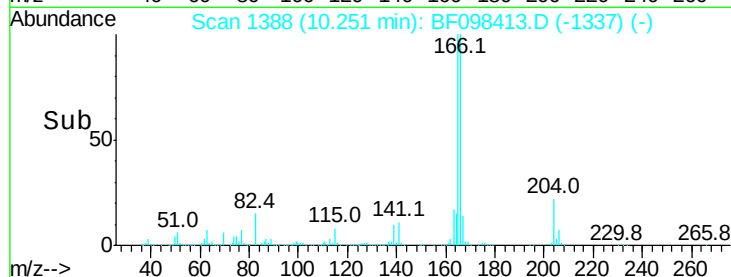
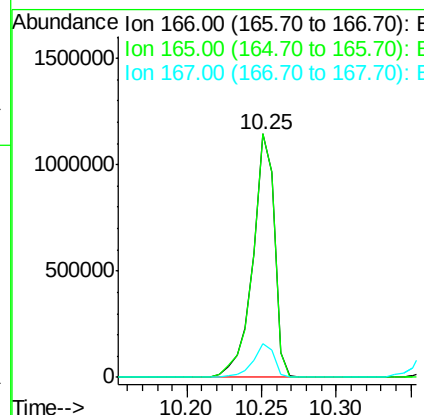
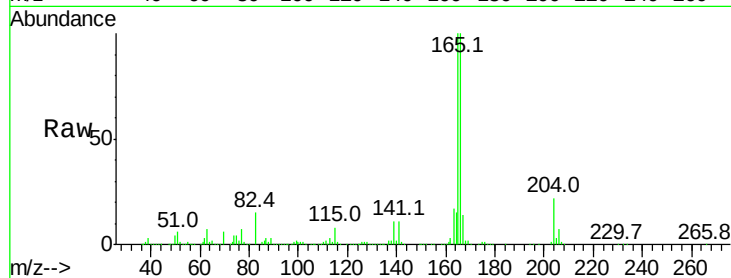




#57
 Fluorene
 Concen: 42.093 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

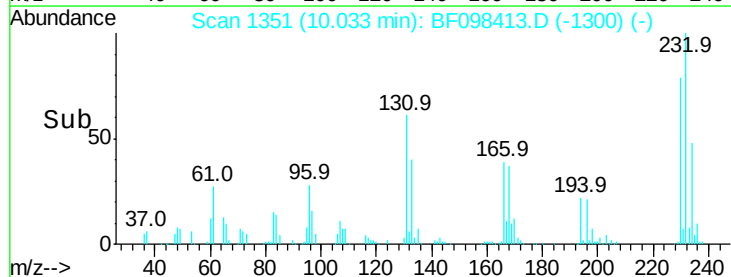
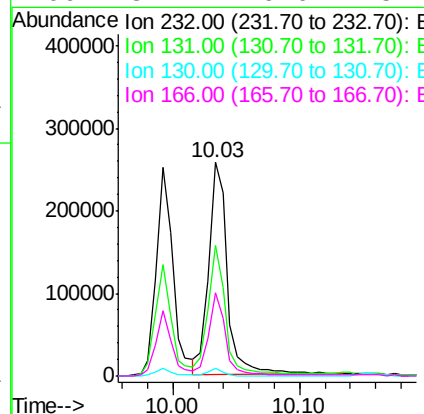
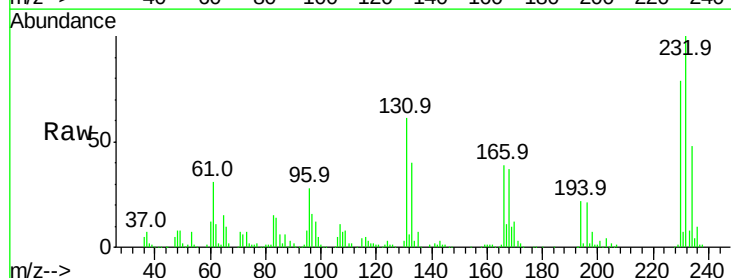
Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

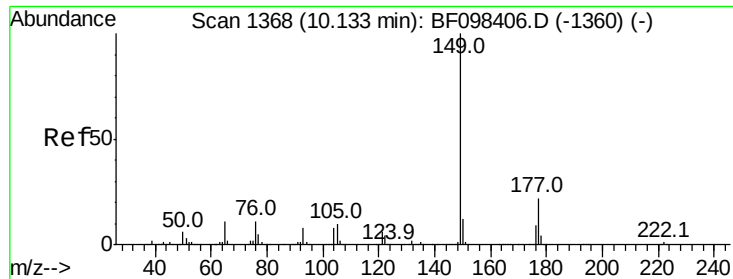
Tot Ion:166 Resp: 1134894
 Ion Ratio Lower Upper
 166 100
 165 100.1 78.8 118.2
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.593 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion:232 Resp: 266120
 Ion Ratio Lower Upper
 232 100
 131 55.4 44.8 67.2
 130 3.1 2.3 3.5
 166 34.2 29.0 43.4

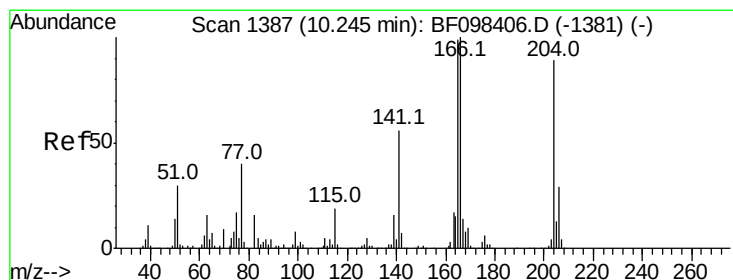
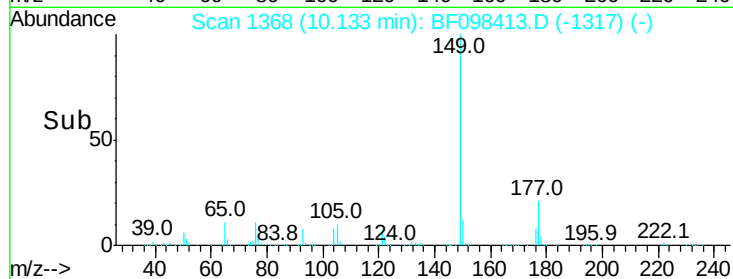
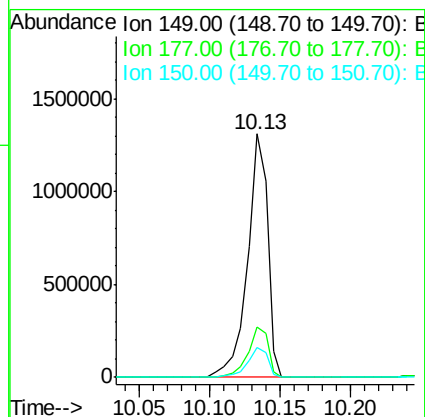
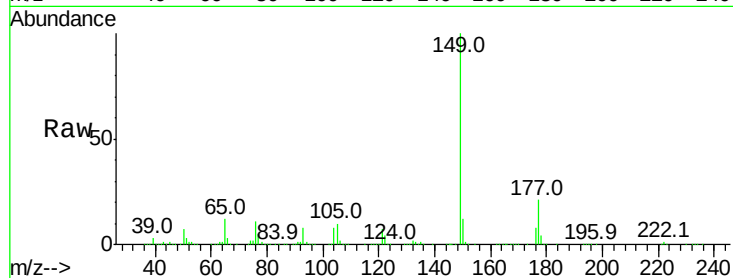




#59
Diethylphthalate
Concen: 43.243 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

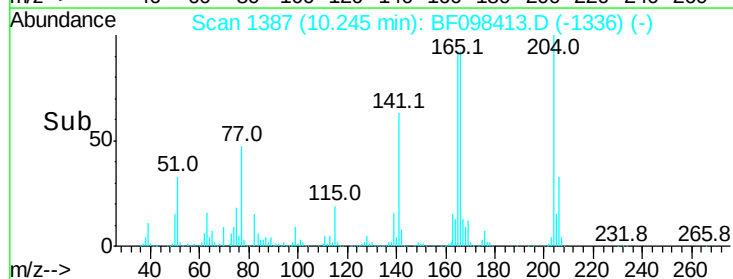
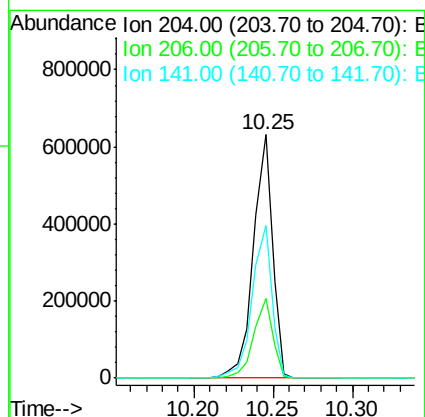
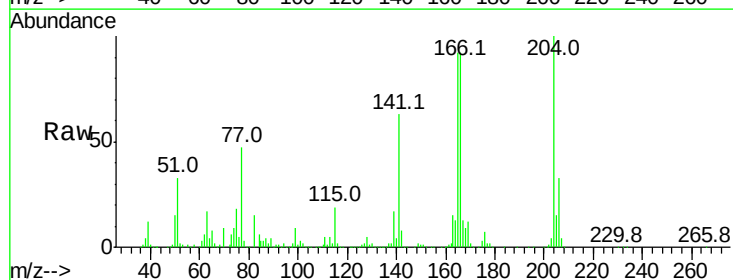
Instrument :
BNA_F
ClientSampleId :
PB102184BS

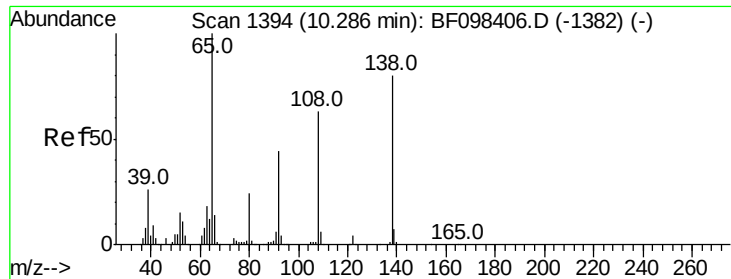
Tot Ion:149 Resp: 1302859
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.705 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:204 Resp: 531820
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 63.0 60.8 91.2

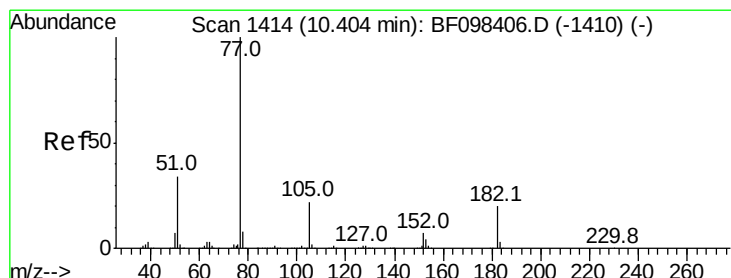
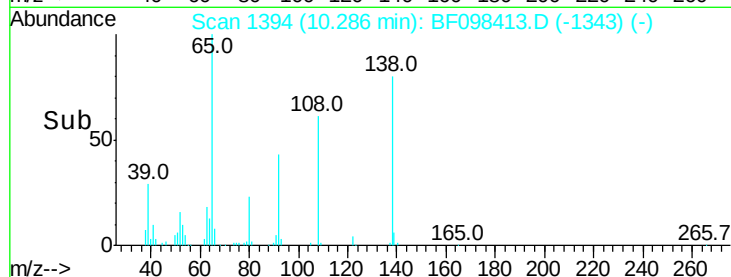
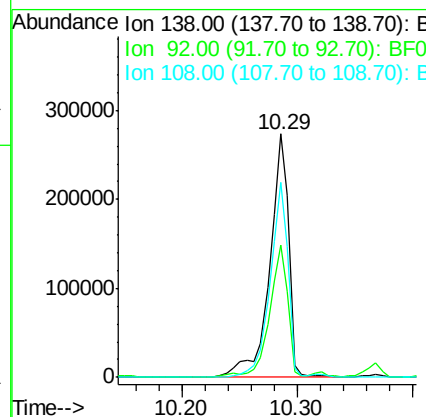
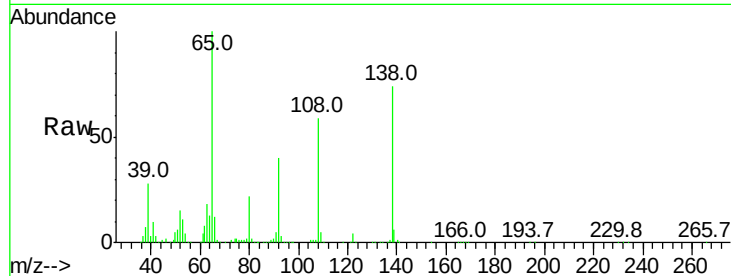




#61
4-Nitroaniline
Concen: 40.118 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

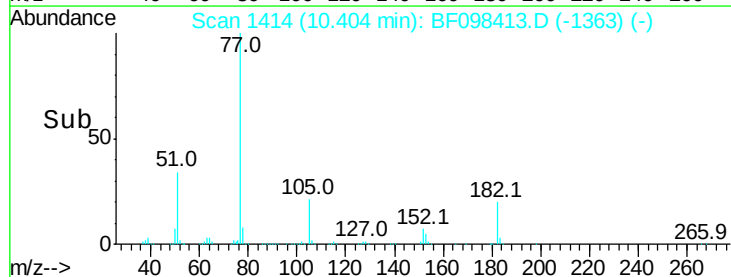
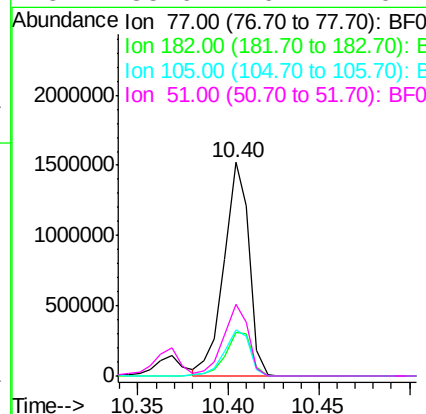
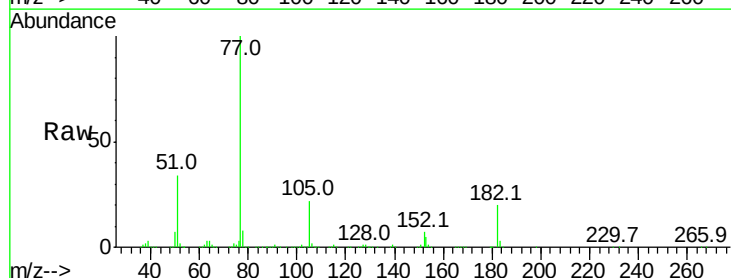
Instrument :
BNA_F
ClientSampleId :
PB102184BS

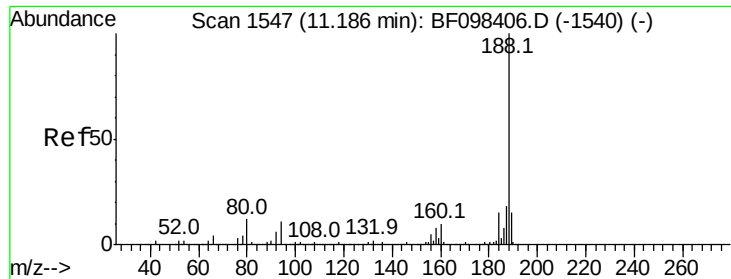
Tot Ion:138 Resp: 318263
Ion Ratio Lower Upper
138 100
92 54.4 21.8 61.8
108 79.8 42.3 82.3



#62
Azobenzene
Concen: 44.956 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion: 77 Resp: 1459827
Ion Ratio Lower Upper
77 100
182 20.2 0.1 40.1
105 21.6 3.6 43.6
51 33.6 9.4 49.4

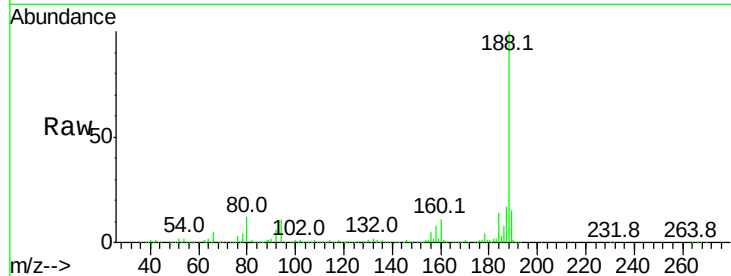




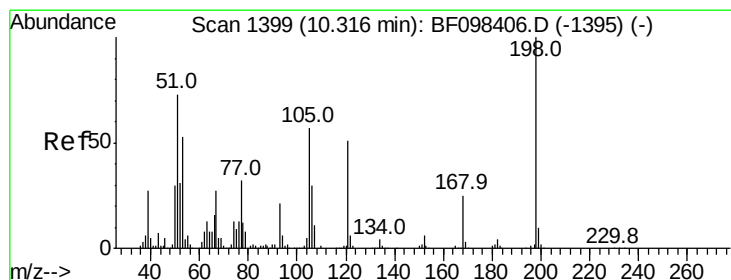
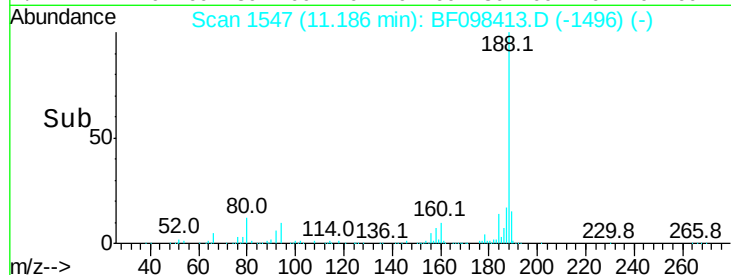
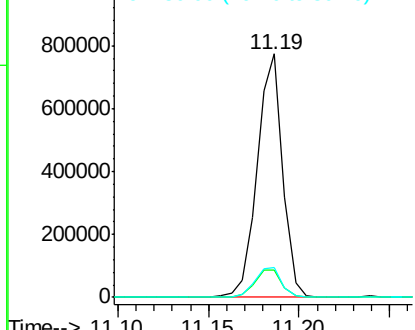
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion:188 Resp: 752210
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.1 10.2 15.2

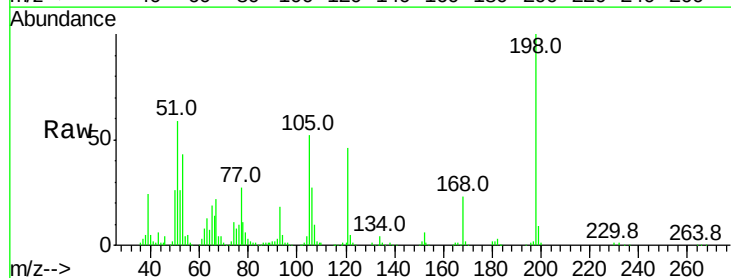


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

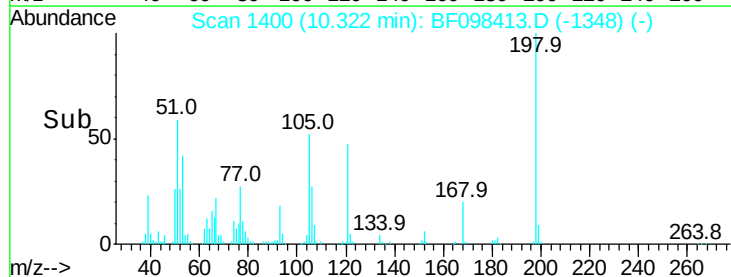
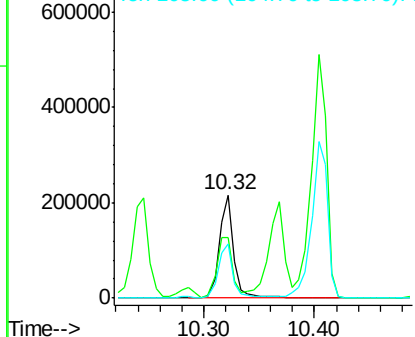


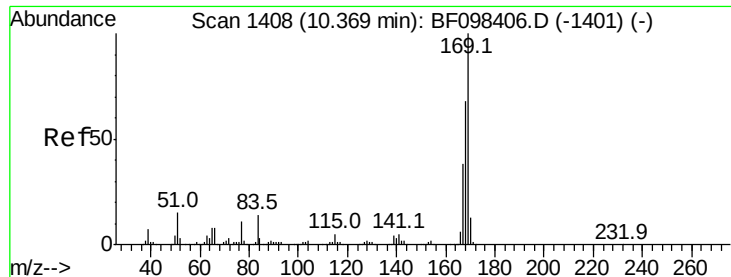
#64
4,6-Dinitro-2-methylphenol
Concen: 42.787 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:198 Resp: 194634
Ion Ratio Lower Upper
198 100
51 58.6 53.2 93.2
105 52.0 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.285 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

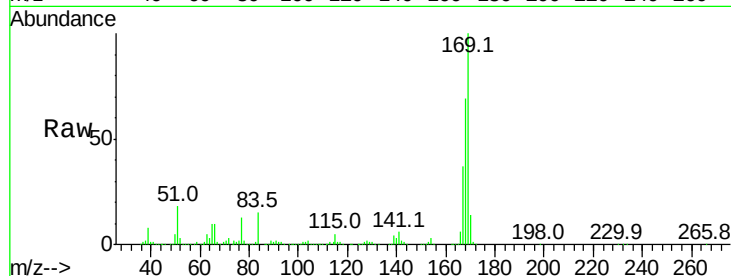
Tot Ion:169 Resp: 1057212

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

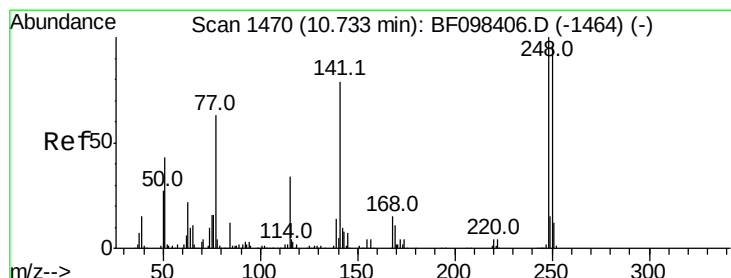
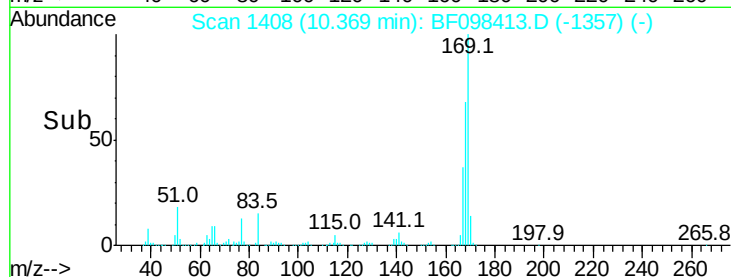
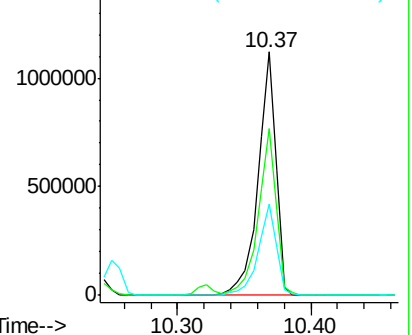
167 37.3 29.5 44.3



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: 44.579 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

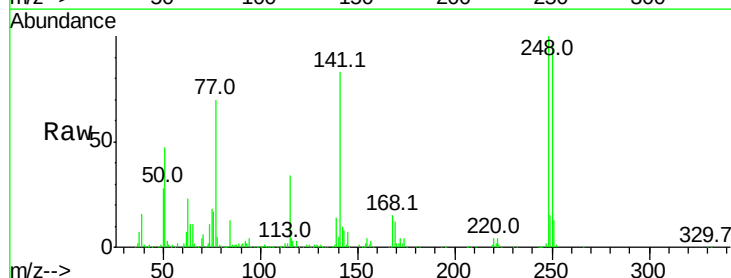
Tgt Ion:248 Resp: 318255

Ion Ratio Lower Upper

248 100

250 96.3 76.8 115.2

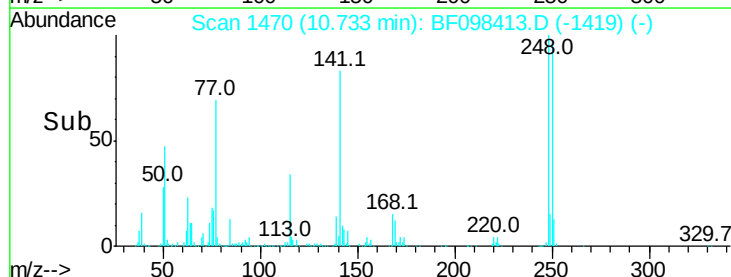
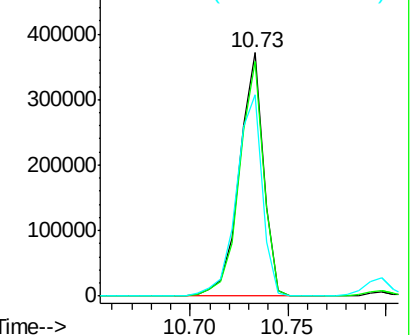
141 82.9 68.6 103.0

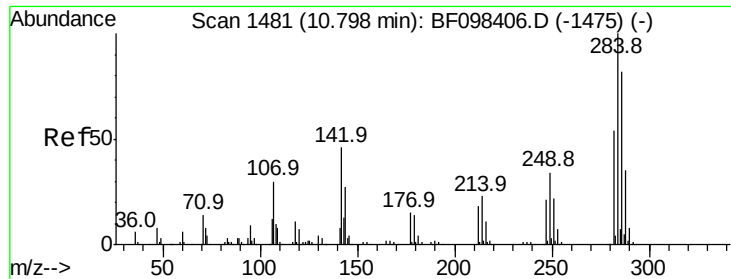


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.874 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

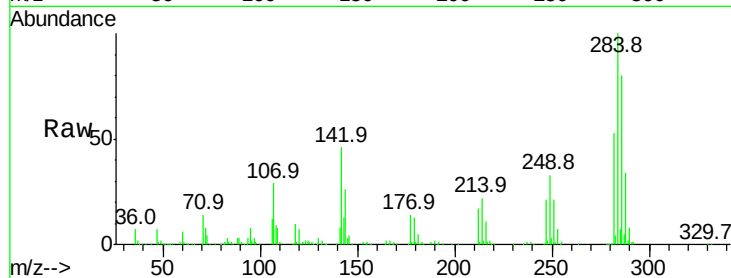
Tot Ion:284 Resp: 303228

Ion Ratio Lower Upper

284 100

142 45.6 22.8 34.2#

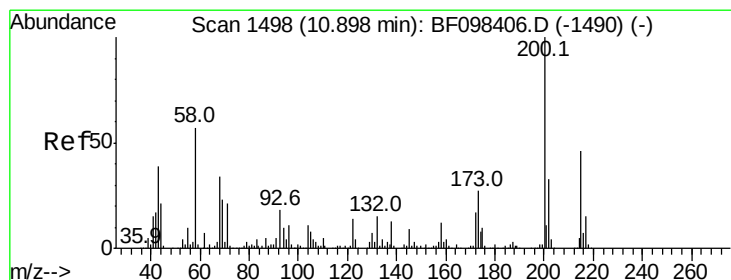
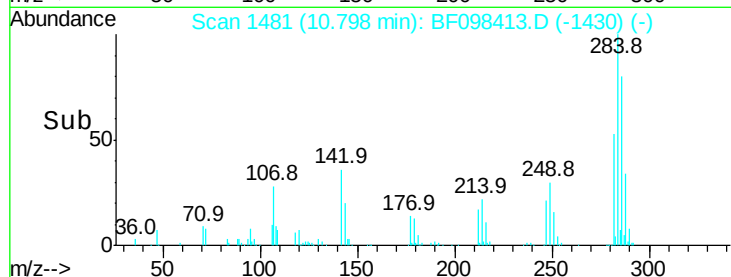
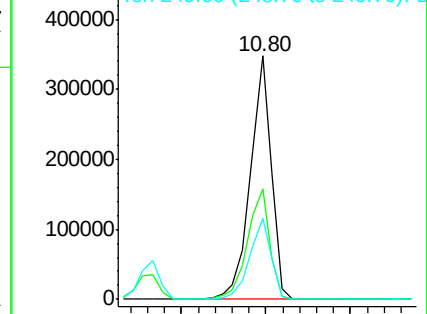
249 33.1 24.0 36.0



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: 46.800 ng

RT: 10.90 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

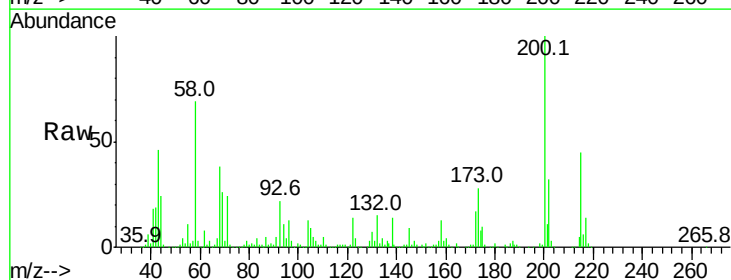
Tgt Ion:200 Resp: 351903

Ion Ratio Lower Upper

200 100

173 28.1 6.3 46.3

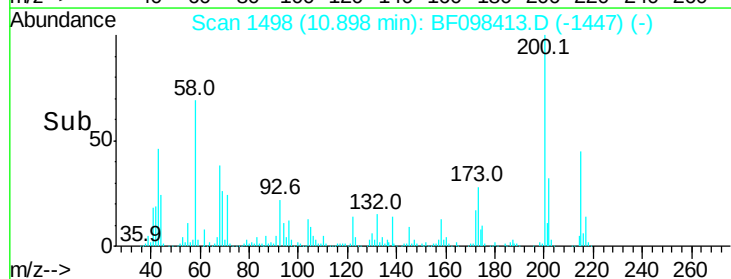
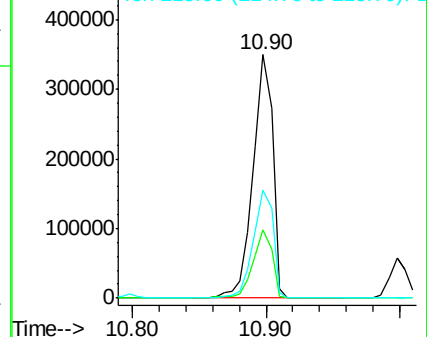
215 44.6 27.2 67.2

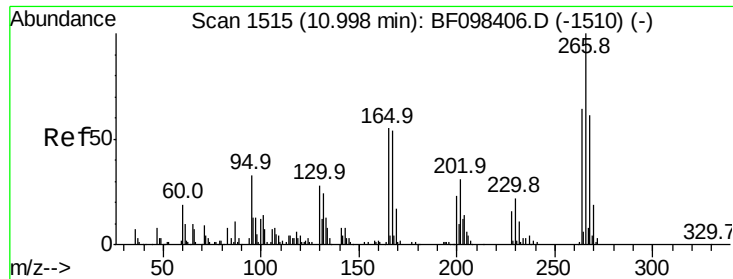


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

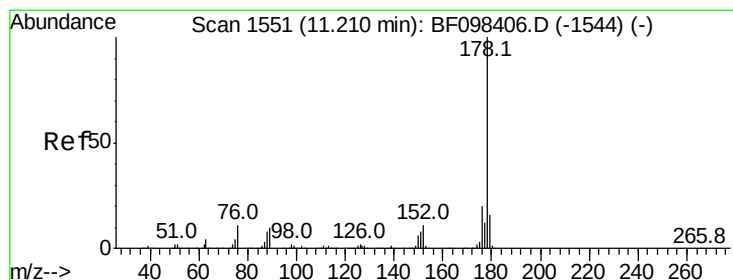
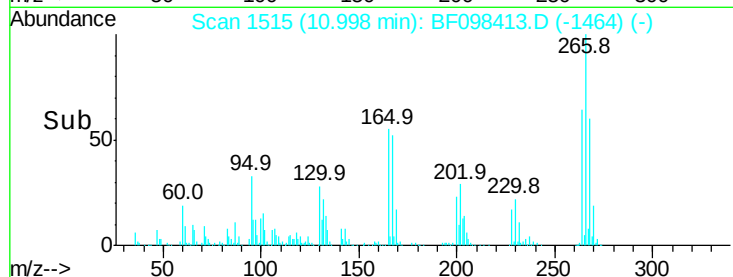
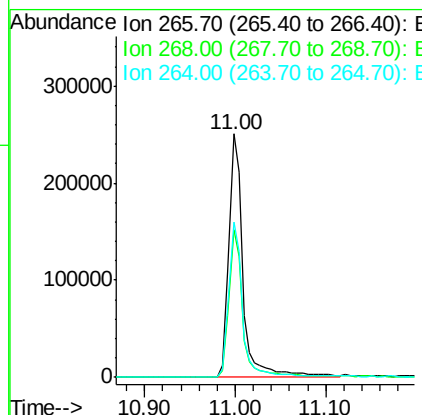
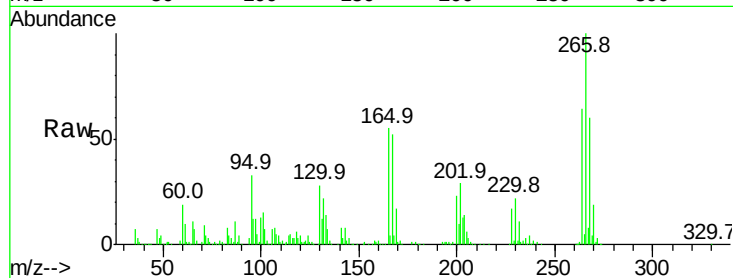




#69
 Pentachlorophenol
 Concen: 84.058 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

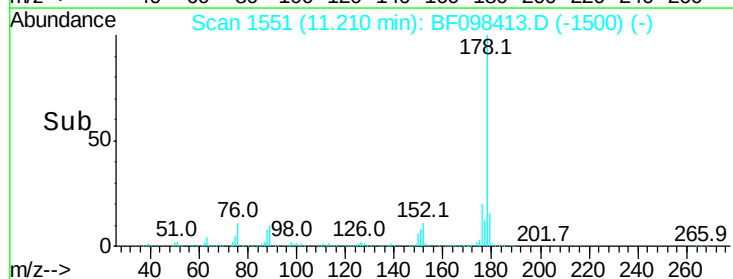
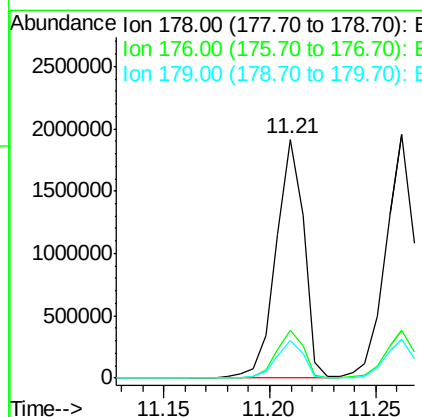
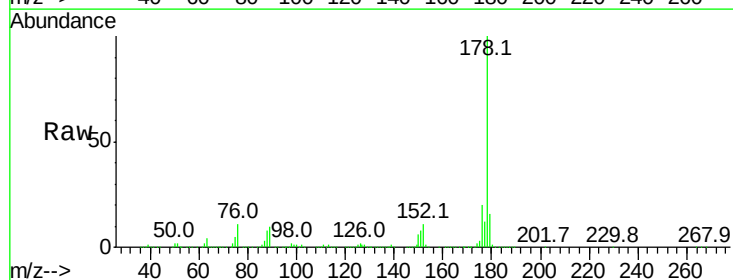
Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

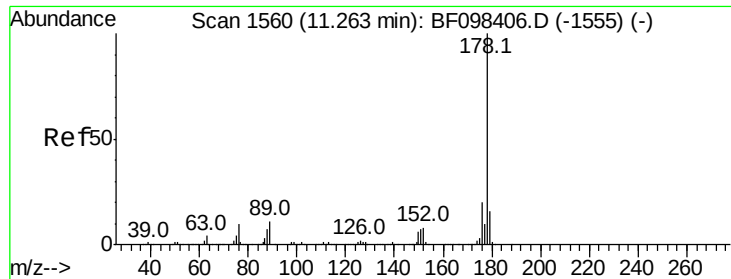
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	63.6	51.7	77.5



#70
 Phenanthrene
 Concen: 44.144 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.7	12.6	19.0

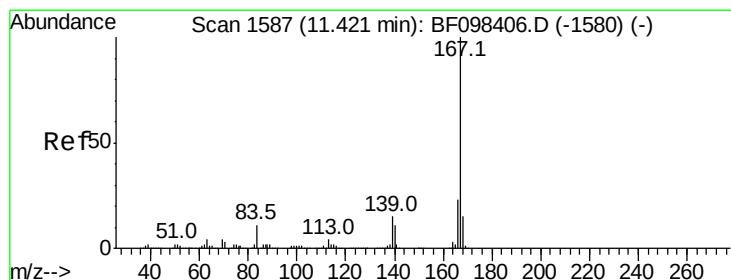
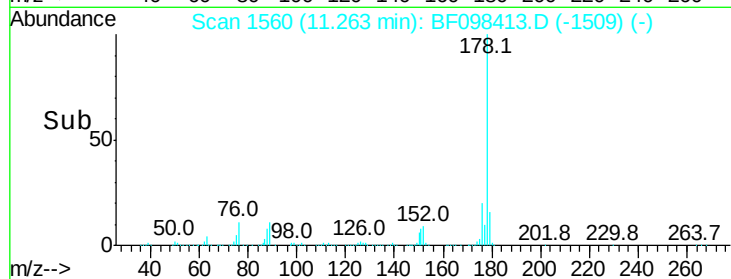
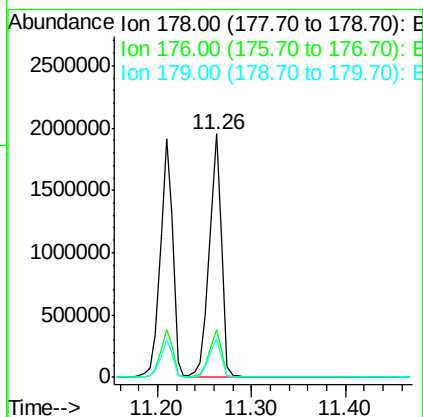
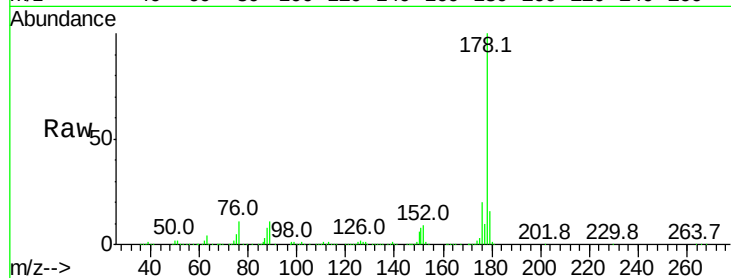




#71
 Anthracene
 Concen: 44.315 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

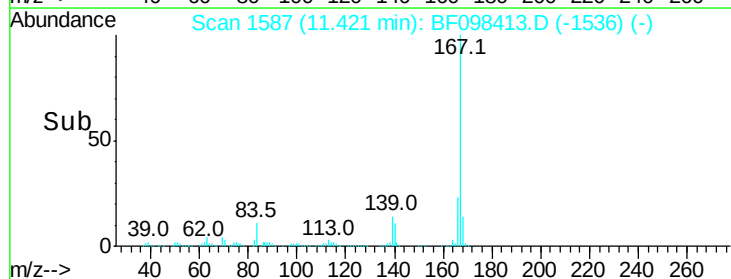
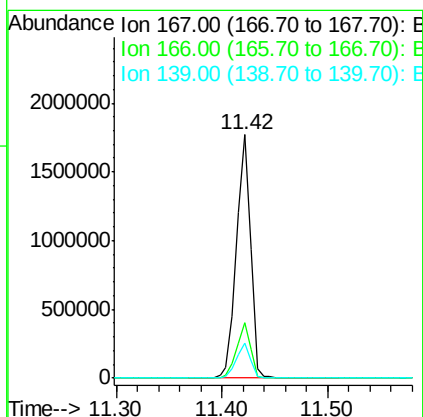
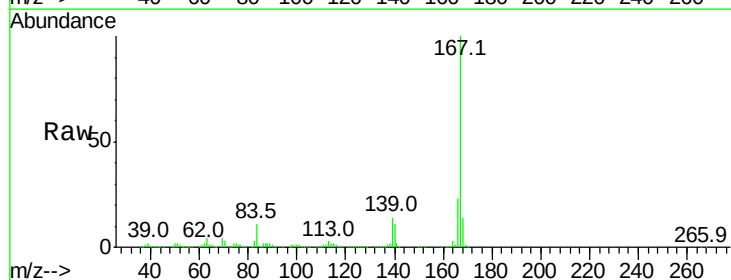
Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

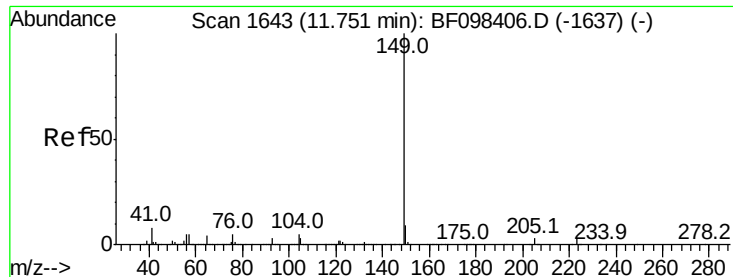
Tot Ion:178 Resp: 1814333
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.1 12.7 19.1



#72
 Carbazole
 Concen: 42.422 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion:167 Resp: 1618646
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.183 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

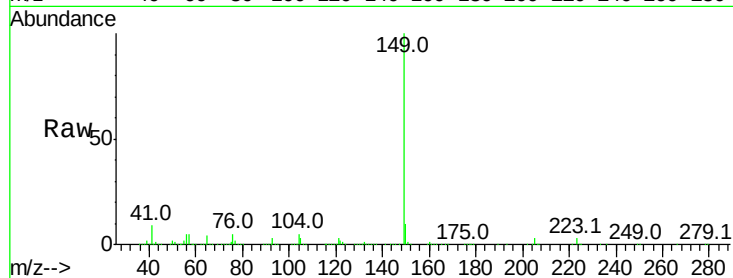
Tot Ion:149 Resp: 1974167

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

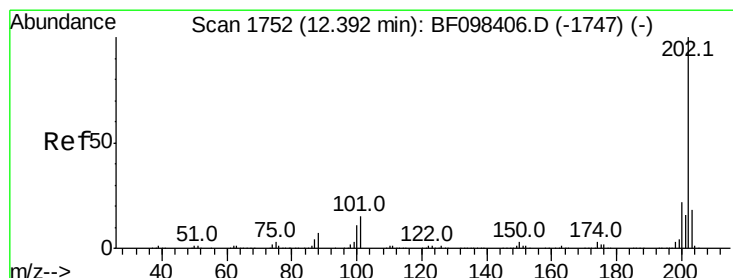
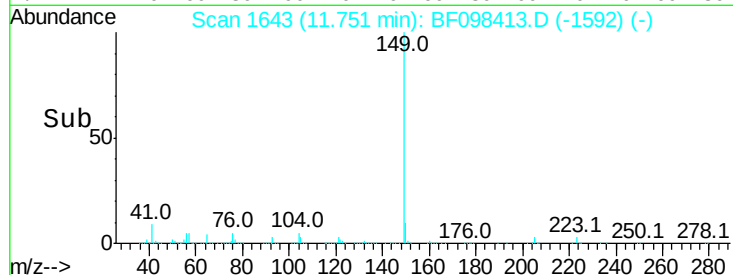
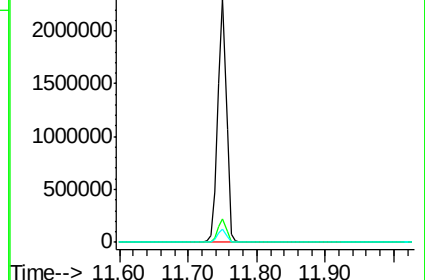
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.549 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

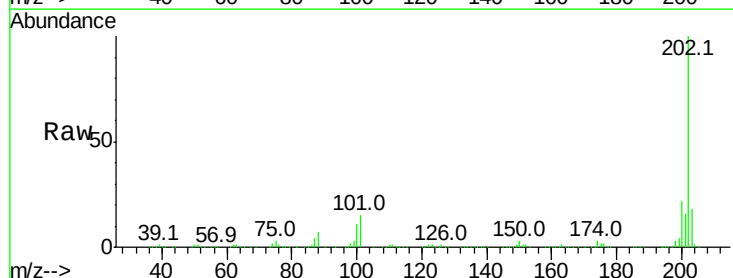
Tgt Ion:202 Resp: 1778396

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.2

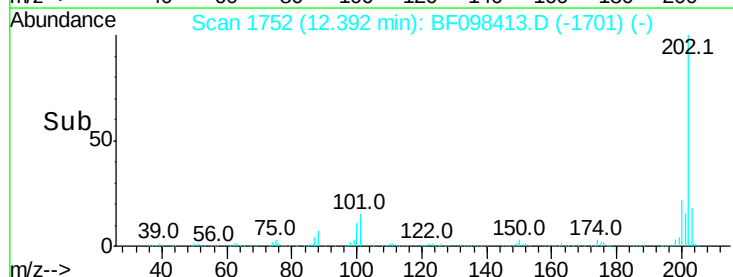
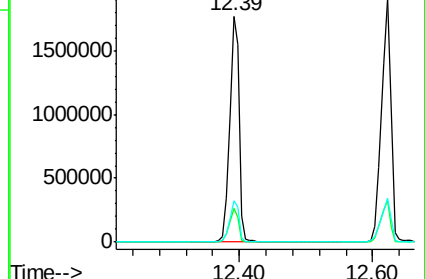
203 18.1 0.0 38.1

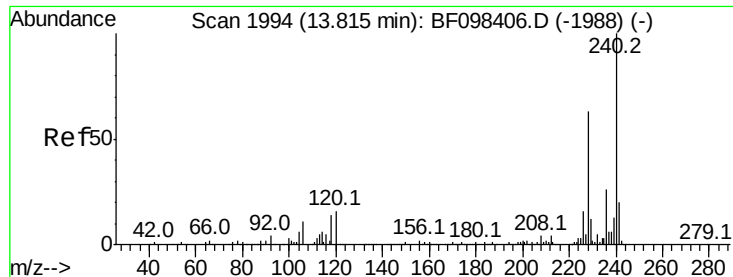


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

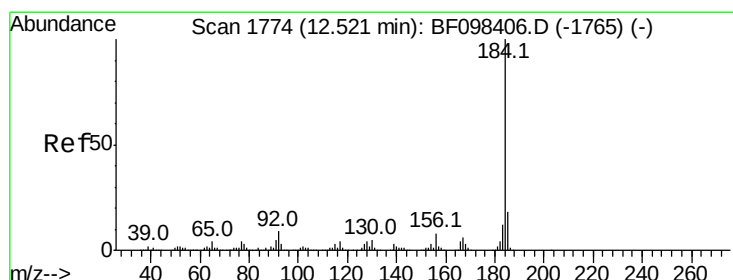
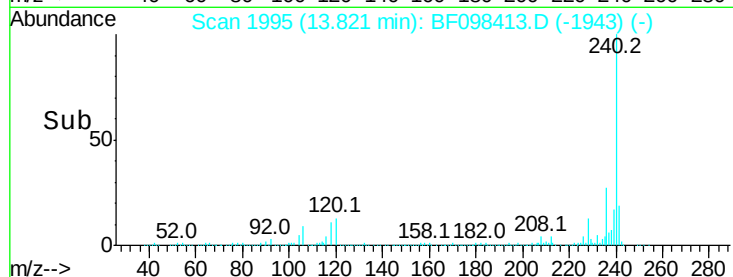
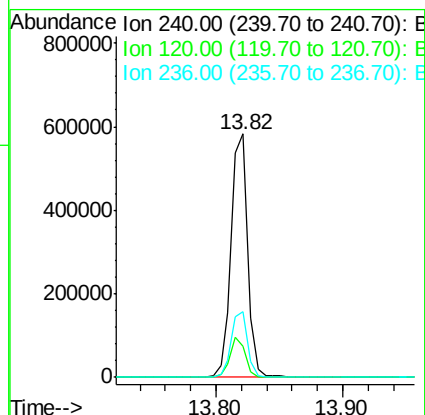
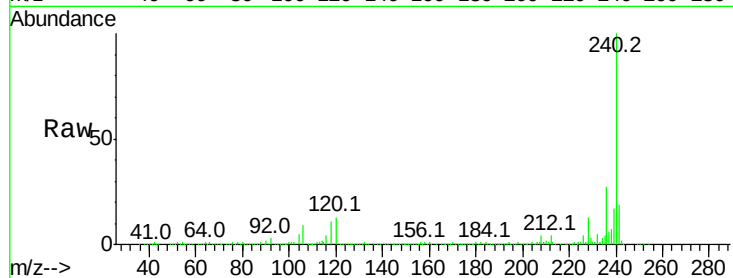
Tot Ion:240 Resp: 528088

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

236 26.9 20.5 30.7



#76

Benzidine

Concen: 21.847 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

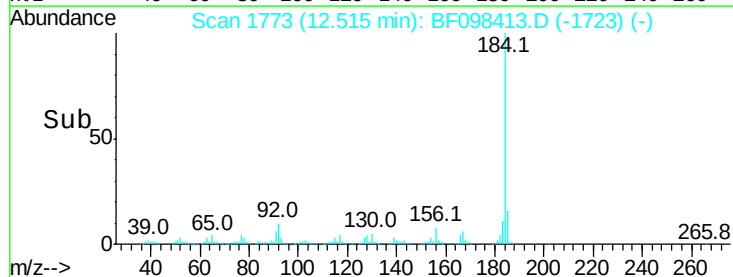
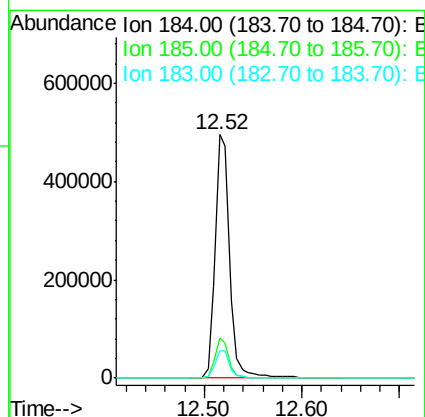
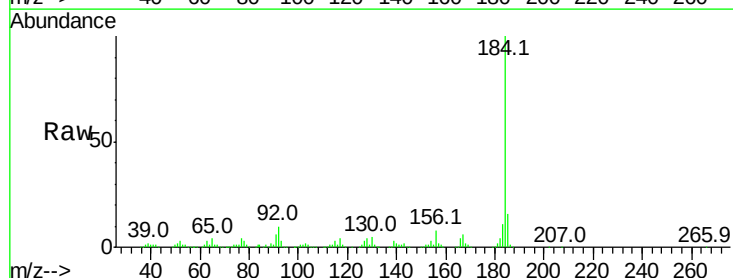
Tgt Ion:184 Resp: 510598

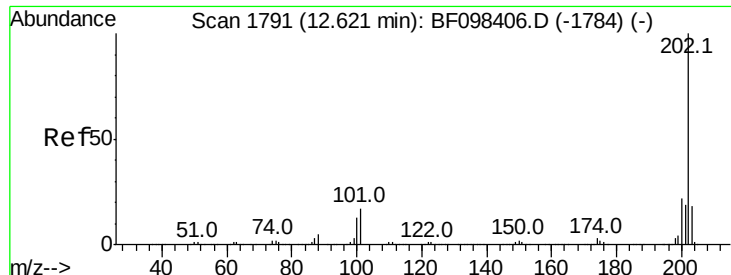
Ion Ratio Lower Upper

184 100

185 16.4 15.5 23.3

183 11.4 9.8 14.6

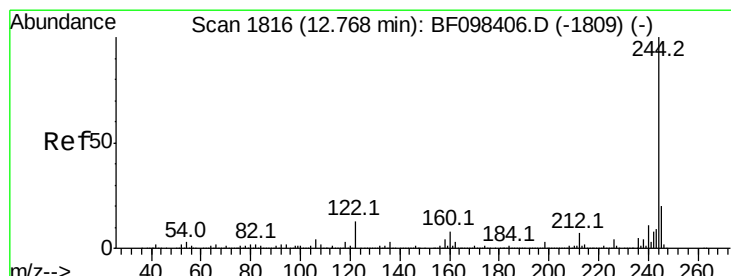
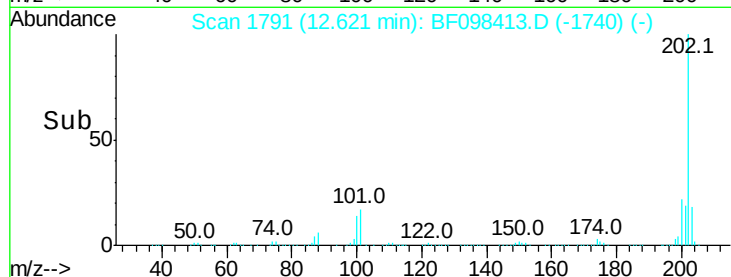
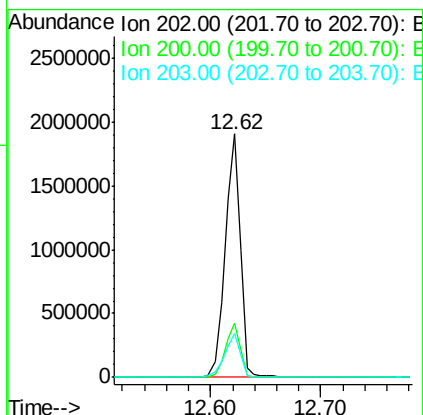
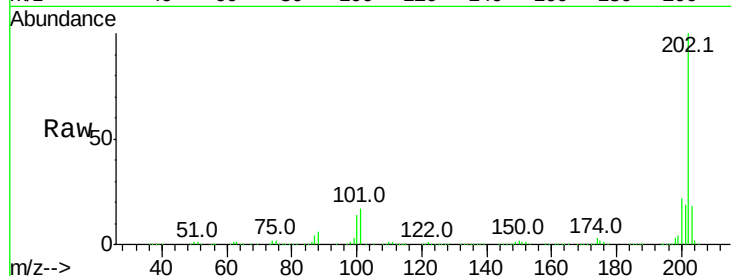




#77
 Pvrene
 Concen: 43.900 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

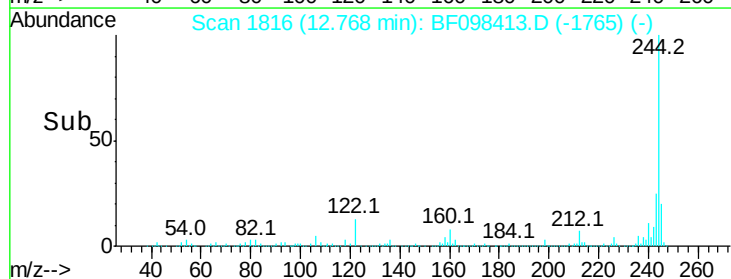
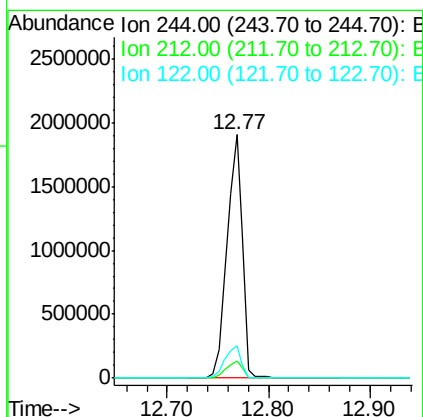
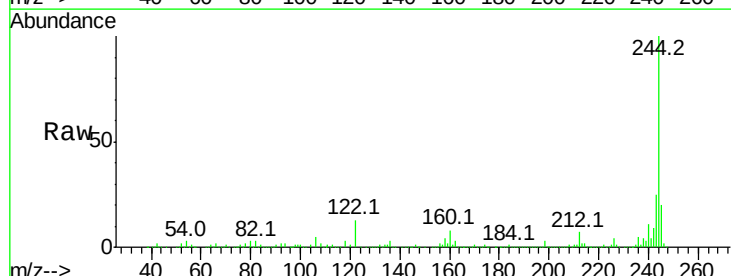
Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

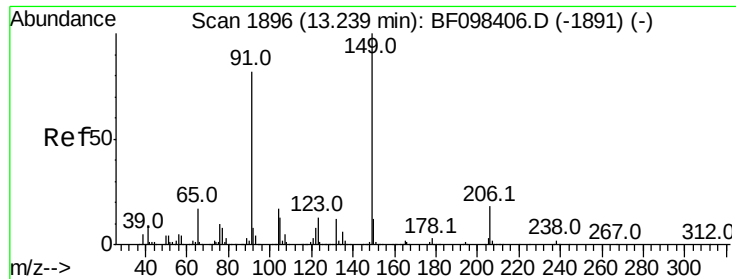
Tot Ion:202 Resp: 1828835
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 18.1 14.4 21.6



#78
 Terphenyl-d14
 Concen: 81.775 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion:244 Resp: 2000710
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.1 10.3 15.5

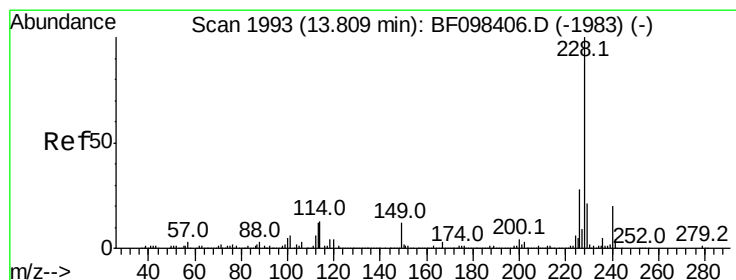
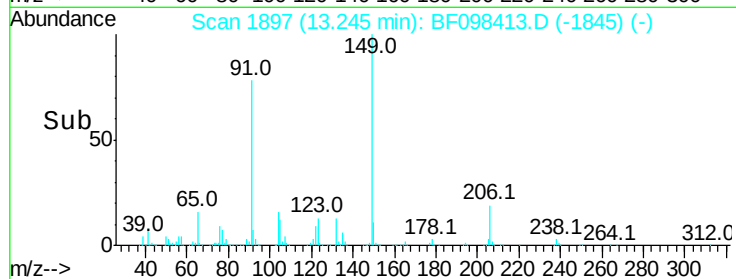
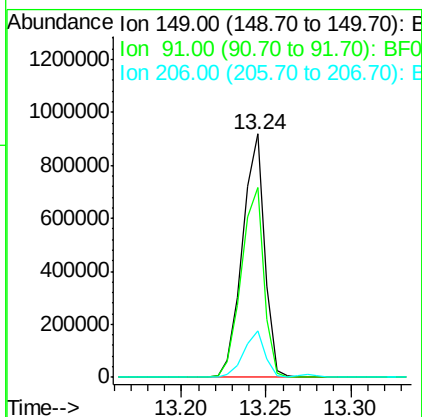
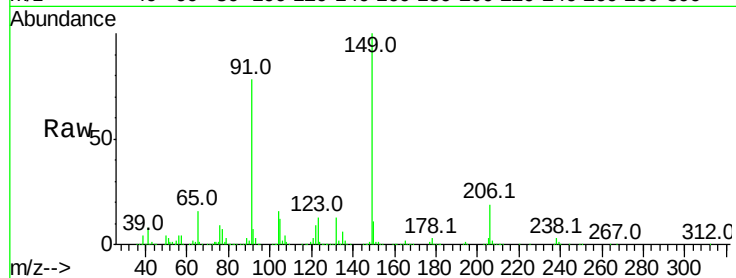




#79
Butylbenzylphthalate
Concen: 46.875 ng
RT: 13.24 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

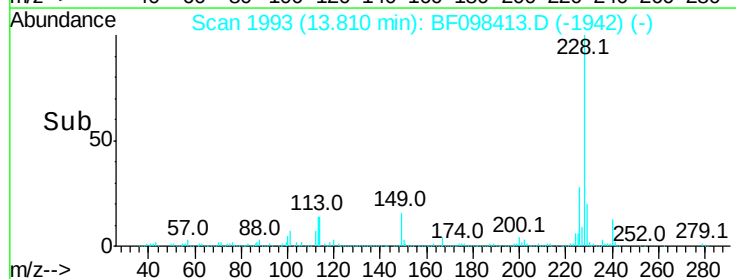
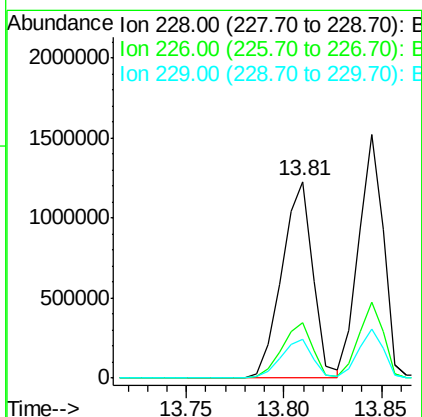
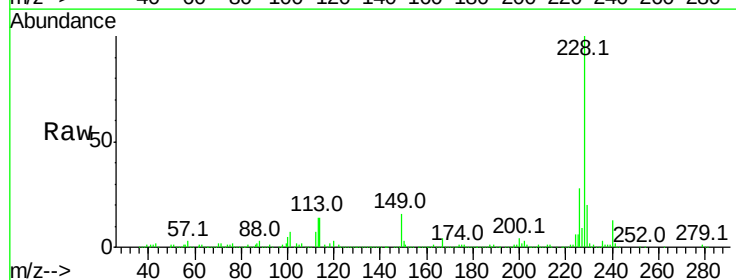
Instrument :
BNA_F
ClientSampleId :
PB102184BS

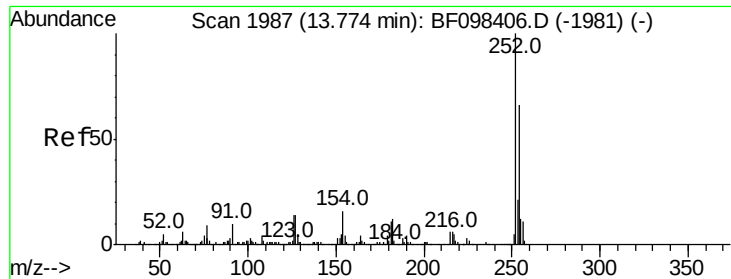
Tot Ion:149 Resp: 847162
Ion Ratio Lower Upper
149 100
91 78.1 45.0 67.4#
206 18.9 17.0 25.6



#80
Benzo(a)anthracene
Concen: 43.708 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:228 Resp: 1353239
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.0 16.3 24.5

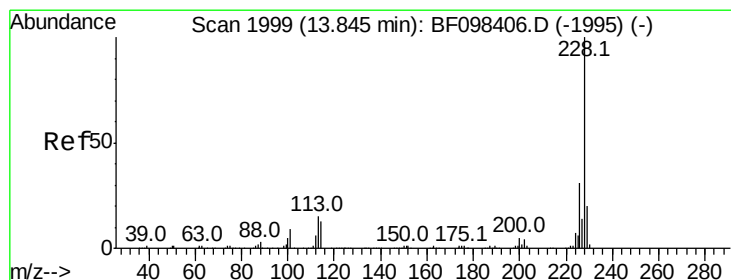
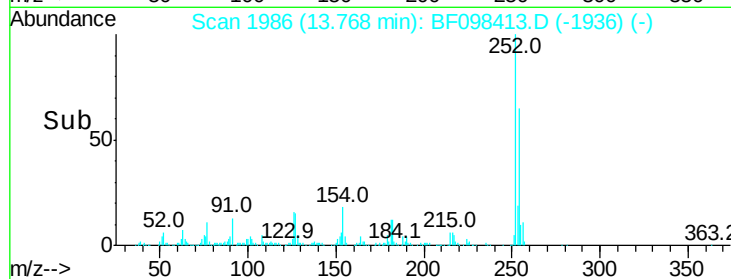
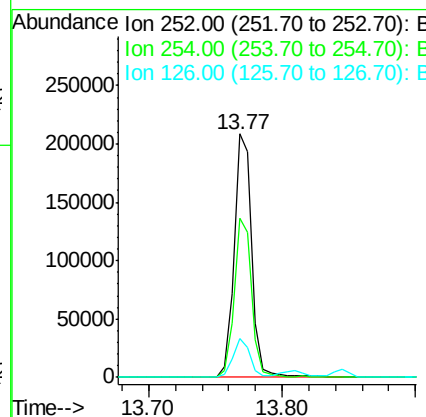
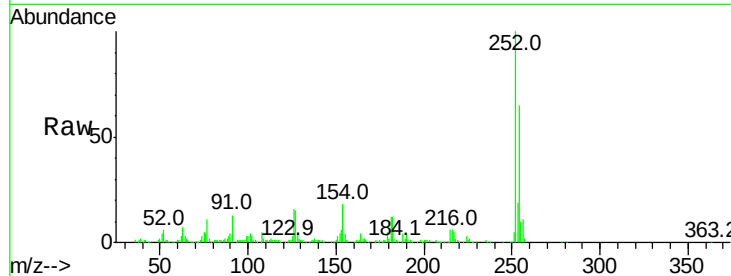




#81
 3,3'-Dichlorobenzidine
 Concen: 16.129 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

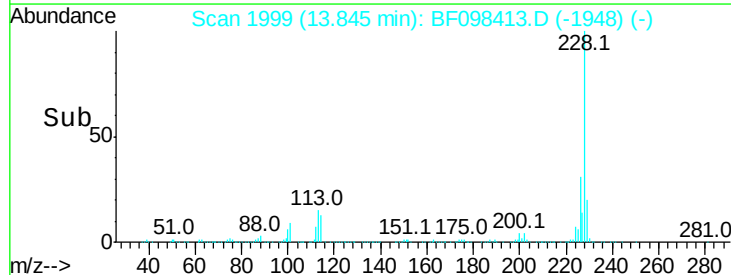
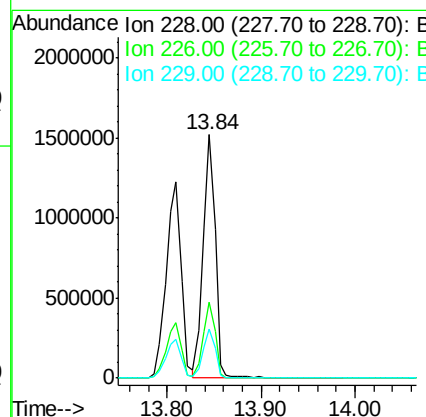
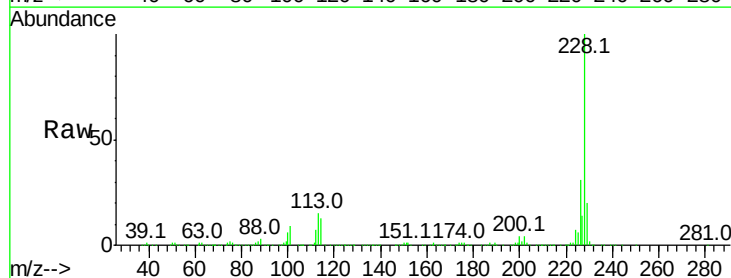
Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

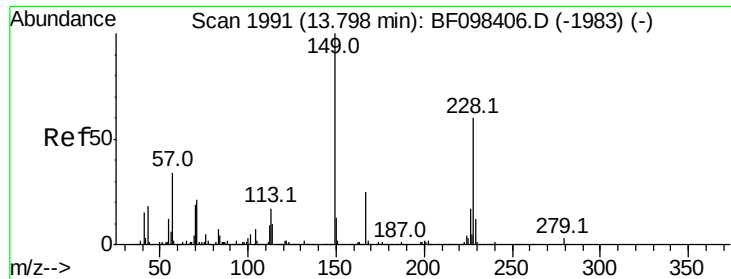
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.5	77.3
126	15.9	15.8	23.8



#82
 Chrysene
 Concen: 43.622 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.1	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.711 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

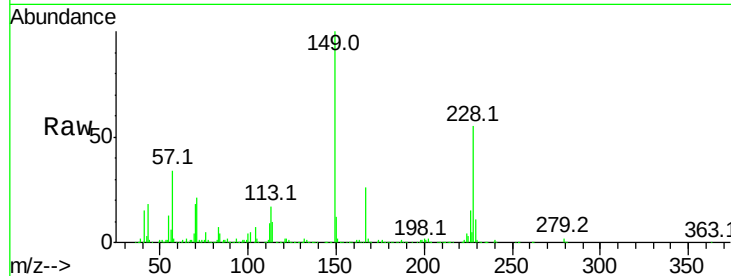
Tot Ion:149 Resp: 991441

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

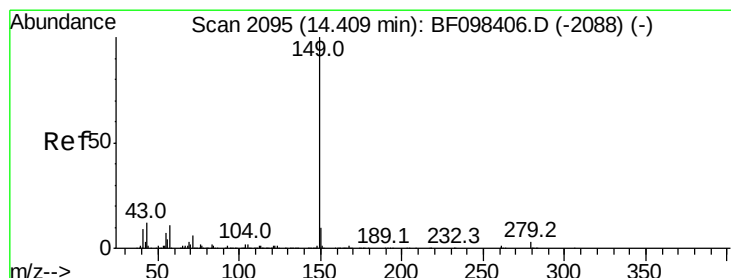
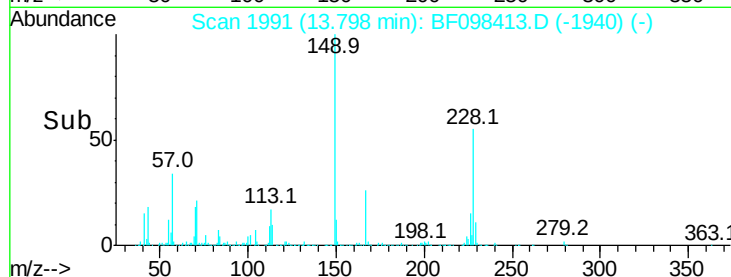
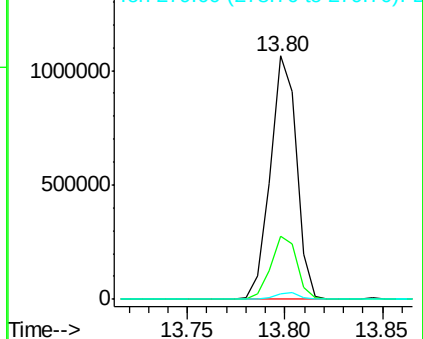
279 2.4 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.518 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

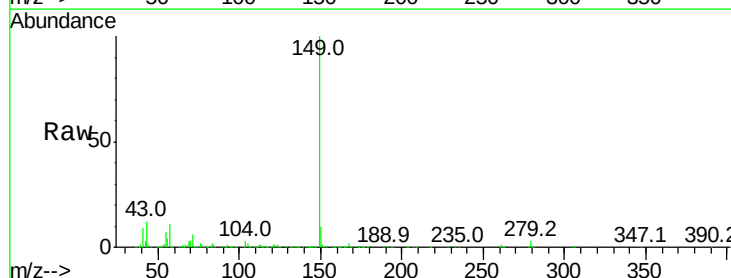
Tgt Ion:149 Resp: 1810264

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

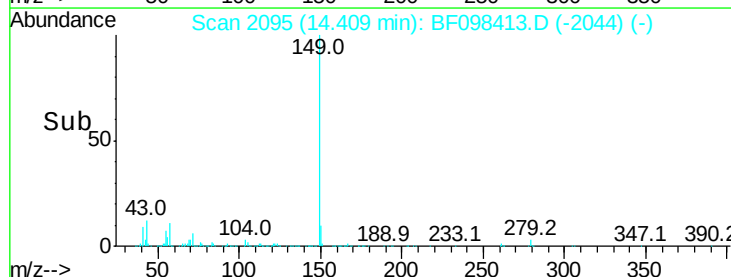
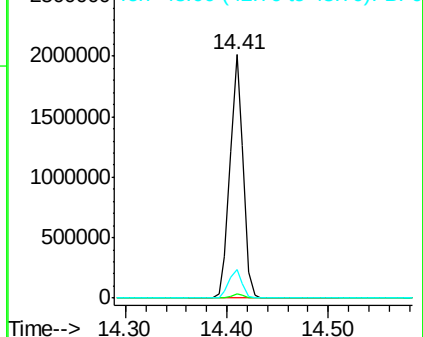
43 11.9 8.5 12.7

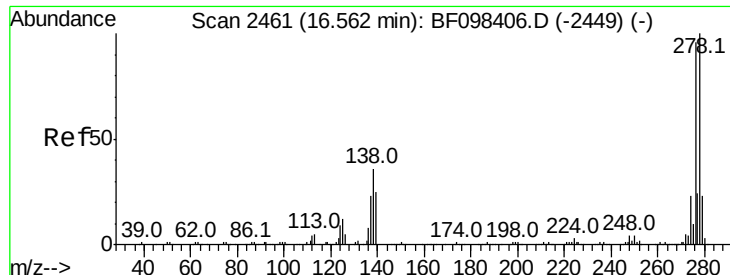


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

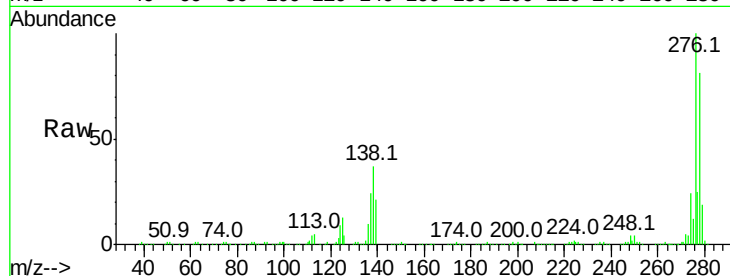




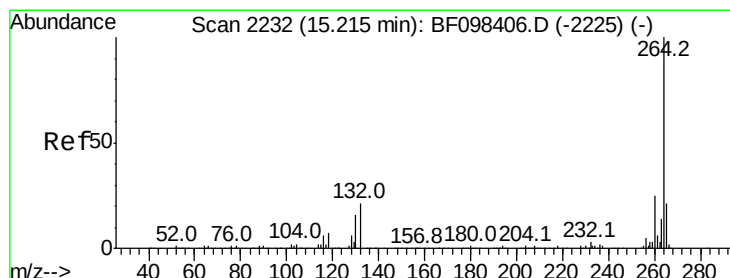
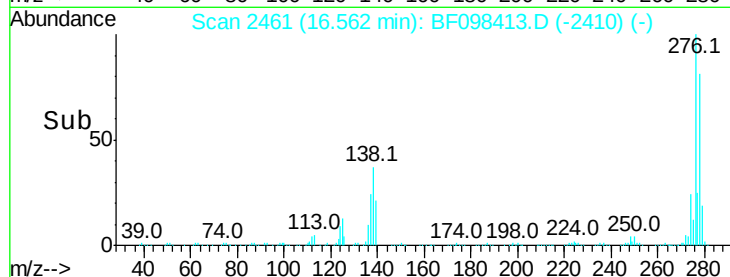
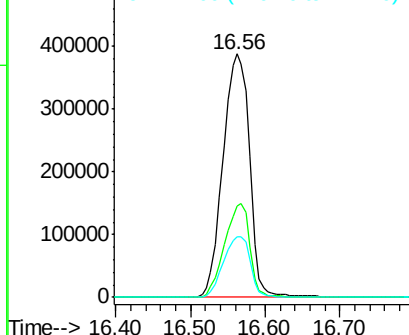
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.883 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.8	41.6
277	25.2	20.2	30.4

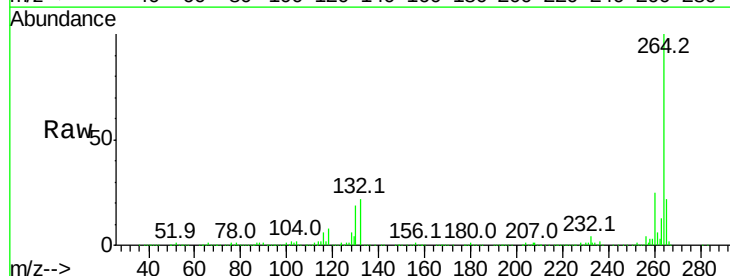


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

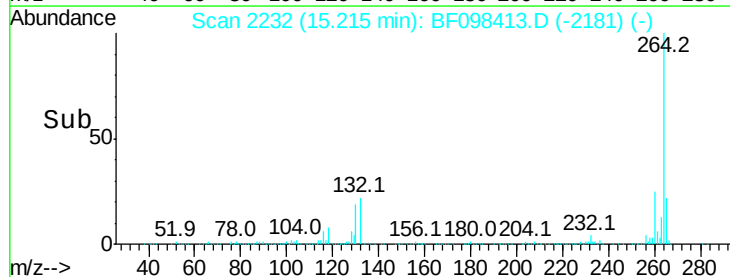
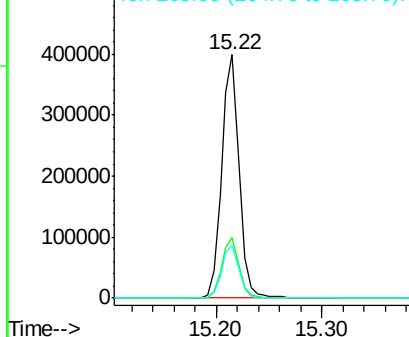


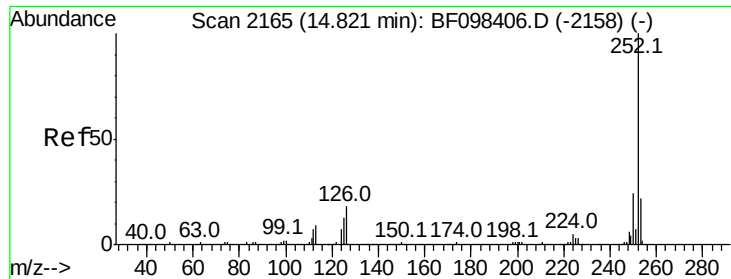
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.6	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 45.416 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

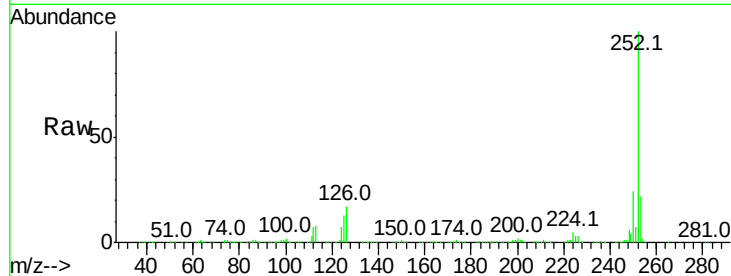
Tot Ion:252 Resp: 1314539

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

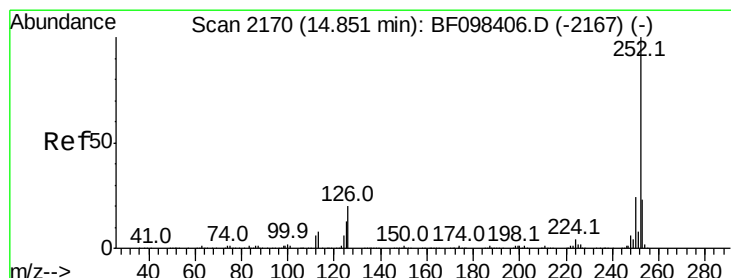
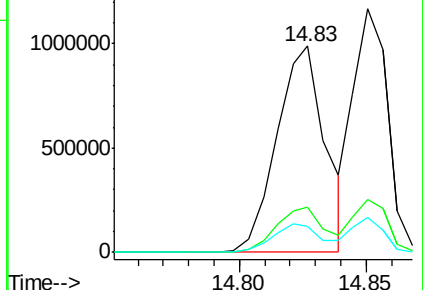
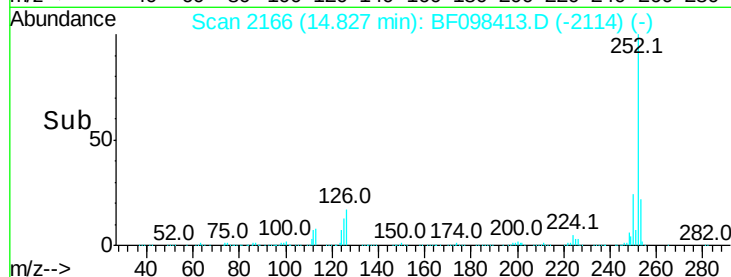
125 12.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.777 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

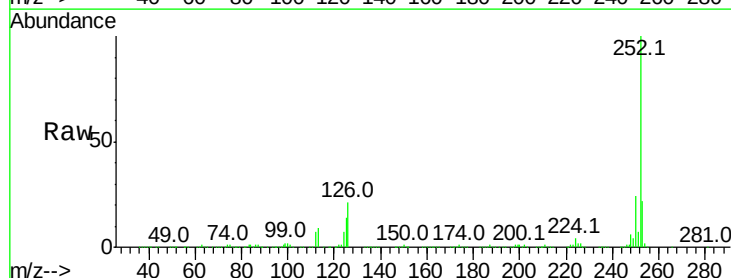
Tgt Ion:252 Resp: 1128858

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

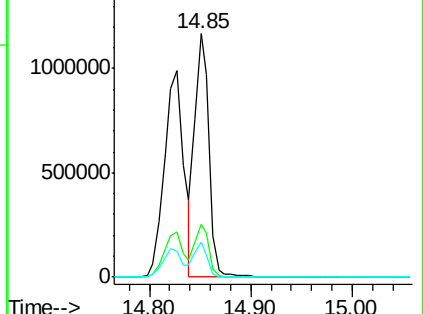
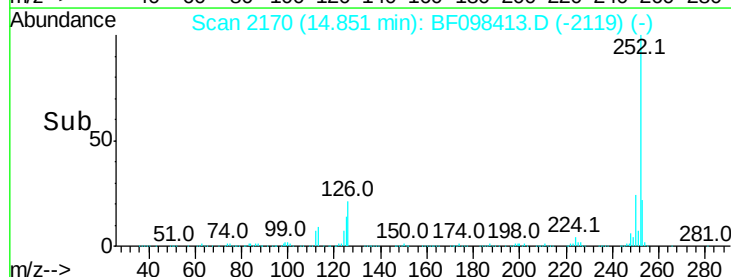
125 14.3 13.1 19.7

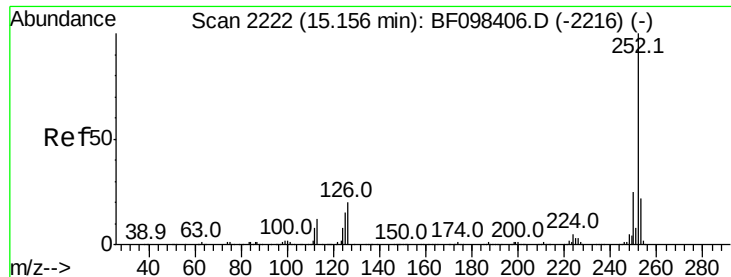


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

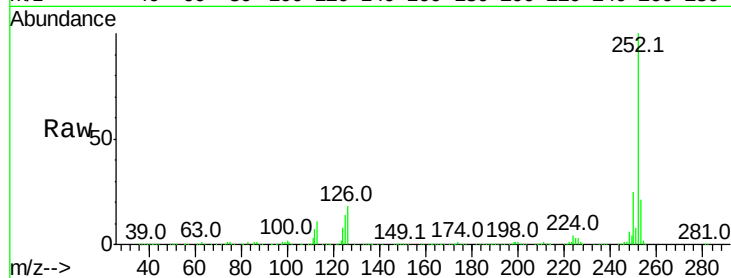




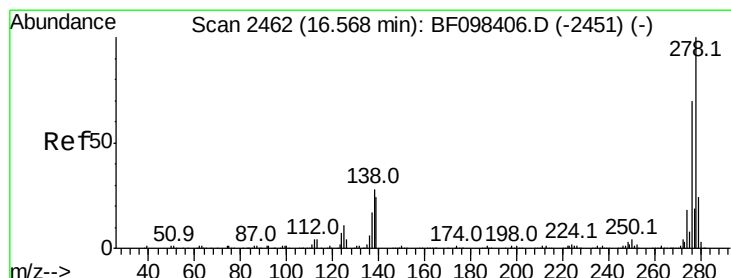
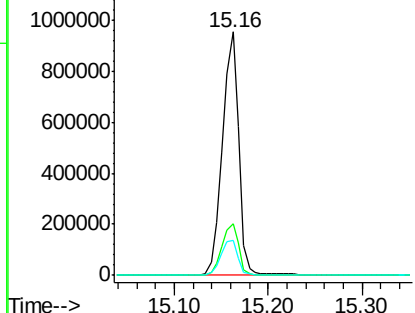
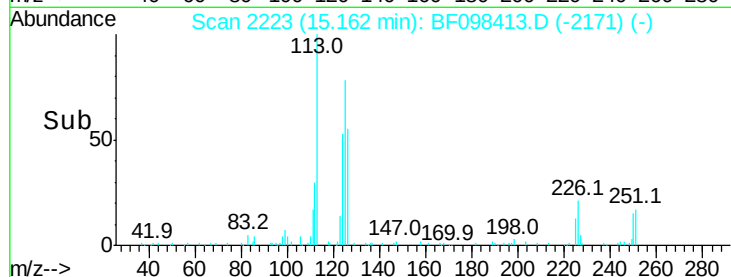
#89
Benzo(a)pyrene
Concen: 44.982 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion:252 Resp: 1159914
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 14.4 11.0 16.4

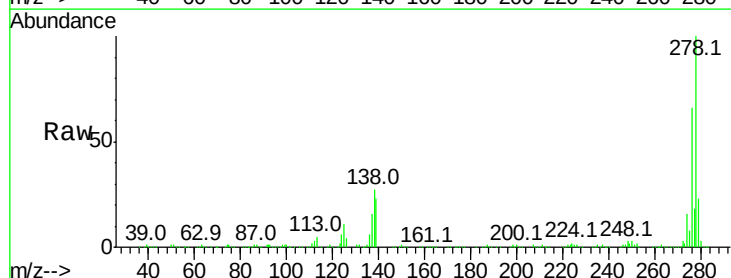


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

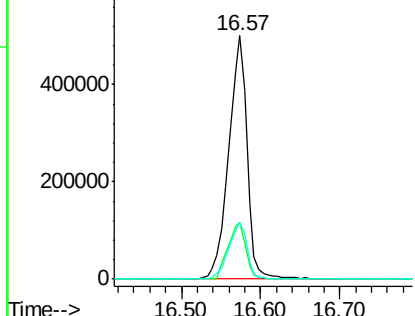
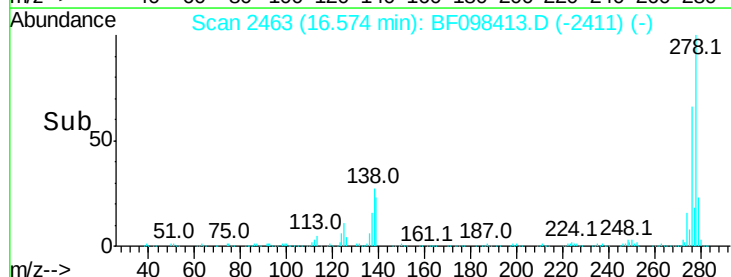


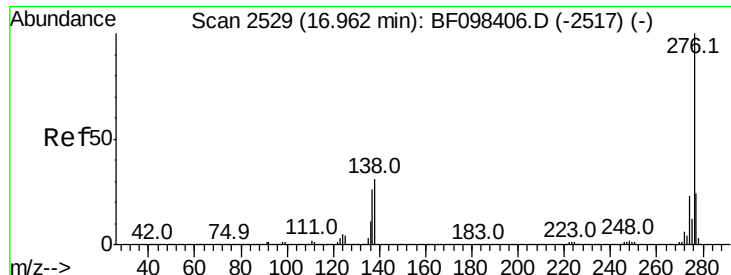
#90
Dibenzo(a,h)anthracene
Concen: 42.906 ng
RT: 16.57 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:278 Resp: 804827
Ion Ratio Lower Upper
278 100
139 23.2 16.6 24.8
279 23.4 19.3 28.9



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: 42.046 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

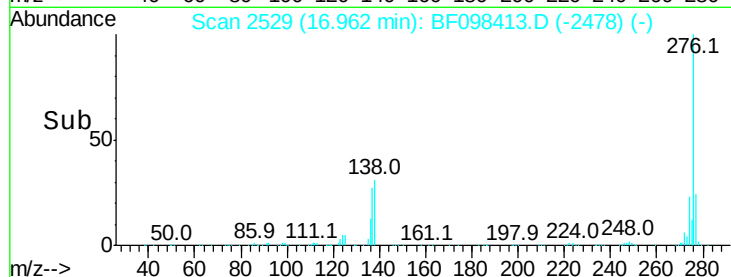
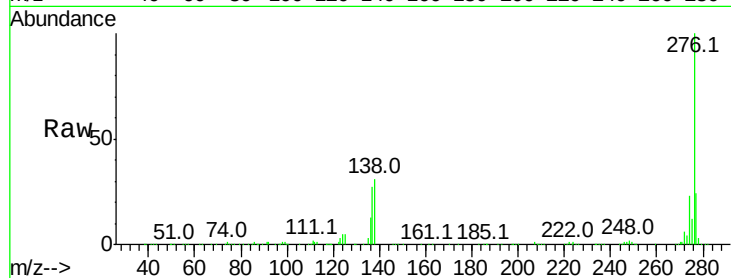
Tot Ion:276 Resp: 793278

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 31.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

