

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098718.D
 Acq On : 23 Sep 2017 1:31
 Operator : SJ/JU
 Sample : I5340-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 04:51:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 10:38:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	169089	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	687491	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	281787	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	394489	20.00	ng	0.00
75) Chrysene-d12	14.09	240	335779	20.00	ng	0.00
86) Perylene-d12	15.59	264	297167	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1062883	95.45	ng	0.01
7) Phenol-d6	6.56	99	1306811	96.92	ng	0.01
23) Nitrobenzene-d5	7.49	82	780293	76.99	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	236213	91.66	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1226662	69.27	ng	0.00
78) Terphenyl-d14	13.03	244	870856	55.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	149317	28.39	ng	98
3) Pyridine	3.57	79	367192	26.27	ng	99
4) n-Nitrosodimethylamine	3.52	42	201940	32.97	ng	95
6) Aniline	6.59	93	375092	21.00	ng	99
8) 2-Chlorophenol	6.72	128	400325	33.10	ng	98
9) Benzaldehyde	6.48	77	118493	15.67	ng	99
10) Phenol	6.57	94	513188	34.48	ng	95
11) bis(2-Chloroethyl)ether	6.66	93	392511	34.23	ng	98
12) 1,3-Dichlorobenzene	6.87	146	399659	31.28	ng	98
13) 1,4-Dichlorobenzene	6.95	146	404153	31.25	ng	99
14) 1,2-Dichlorobenzene	7.10	146	383240	31.78	ng	97
15) Benzyl Alcohol	7.07	79	344287	35.38	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	591967	32.40	ng	98
17) 2-Methylphenol	7.17	107	328240	33.30	ng	98
18) Hexachloroethane	7.44	117	126223	28.35	ng	98
19) n-Nitroso-di-n-propylamine	7.34	70	276050	33.05	ng	98
20) 3+4-Methylphenols	7.33	107	413728	32.56	ng	90
22) Acetophenone	7.34	105	546954	32.16	ng	# 96
24) Nitrobenzene	7.51	77	414931	35.45	ng	98
25) Isophorone	7.75	82	749208	33.89	ng	99
26) 2-Nitrophenol	7.83	139	194426	38.75	ng	93
27) 2,4-Dimethylphenol	7.86	122	333540	30.73	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	485574	35.30	ng	99
29) 2,4-Dichlorophenol	8.06	162	318533	34.11	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	308749	32.78	ng	99
31) Naphthalene	8.23	128	1081583	33.15	ng	99
32) Benzoic acid	7.94	122	116313	21.57	ng	99
33) 4-Chloroaniline	8.28	127	304918	22.48	ng	98
34) Hexachlorobutadiene	8.35	225	156609	30.86	ng	99
35) Caprolactam	8.64	113	100165	34.40	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	341121	32.00	ng	99
37) 2-Methylnaphthalene	8.93	142	713793	34.07	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	271091	32.53	ng	99
40) Hexachlorocyclopentadiene	9.07	237	75132	20.75	ng	99

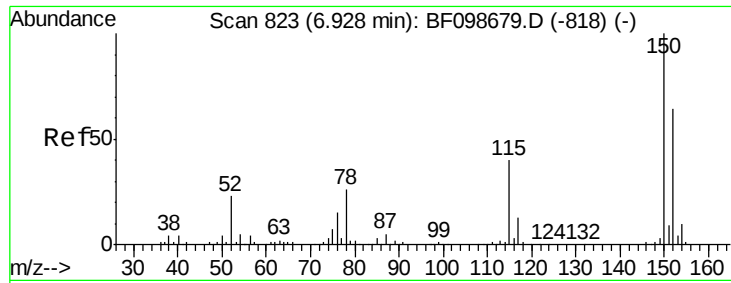
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098718.D
 Acq On : 23 Sep 2017 1:31
 Operator : SJ/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	202506	36.06	nq	98
43) 2,4,5-Trichlorophenol	9.24	196	206584	35.87	nq	95
45) 1,1'-Biphenyl	9.39	154	813502	33.60	nq	99
46) 2-Chloronaphthalene	9.42	162	621743	34.25	nq	97
47) 2-Nitroaniline	9.50	65	203677	39.96	nq	95
48) Acenaphthylene	9.83	152	920660	32.97	nq	100
49) Dimethylphthalate	9.69	163	936059	44.30	nq	100
50) 2,6-Dinitrotoluene	9.74	165	157911	37.87	nq	95
51) Acenaphthene	10.00	154	555651	32.06	nq	99
52) 3-Nitroaniline	9.92	138	157984	31.78	nq	100
53) 2,4-Dinitrophenol	10.02	184	26850	24.84	nq	# 80
54) Dibenzofuran	10.17	168	802091	33.89	nq	99
55) 4-Nitrophenol	10.07	139	271886	62.85	nq	91
56) 2,4-Dinitrotoluene	10.15	165	195801	34.95	nq	91
57) Fluorene	10.52	166	593655	31.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	147858	36.09	nq	99
59) Diethylphthalate	10.39	149	699839	33.79	nq	98
60) 4-Chlorophenyl-phenylether	10.50	204	269002	32.28	nq	98
61) 4-Nitroaniline	10.53	138	157860	33.11	nq	97
62) Azobenzene	10.67	77	630630	32.56	nq	96
64) 4,6-Dinitro-2-methylphenol	10.55	198	23785	18.78	nq	90
65) n-Nitrosodiphenylamine	10.62	169	521442	38.40	nq	100
66) 4-Bromophenyl-phenylether	11.00	248	153114	38.44	nq	93
67) Hexachlorobenzene	11.06	284	153641	33.85	nq	95
68) Atrazine	11.14	200	157131	38.47	nq	99
69) Pentachlorophenol	11.25	266	178795	68.92	nq	98
70) Phenanthrene	11.48	178	764087	35.70	nq	98
71) Anthracene	11.53	178	754163	34.56	nq	100
72) Carbazole	11.68	167	715612	33.56	nq	99
73) Di-n-butylphthalate	12.01	149	891093	35.98	nq	99
74) Fluoranthene	12.67	202	743908	34.88	nq	97
77) Pyrene	12.90	202	774796	31.08	nq	99
79) Butylbenzylphthalate	13.51	149	343891	33.35	nq	95
80) Benzo(a)anthracene	14.09	228	695908	34.41	nq	100
81) 3,3'-Dichlorobenzidine	14.04	252	160224	22.20	nq	96
82) Chrysene	14.12	228	645962	33.07	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	496918	34.83	nq	99
84) Di-n-octyl phthalate	14.68	149	884208	41.27	nq	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	474914	31.34	nq	99
87) Benzo(b)fluoranthene	15.14	252	634923	36.84	nq	98
88) Benzo(k)fluoranthene	15.17	252	546254	31.72	nq	99
89) Benzo(a)pyrene	15.52	252	530675	33.91	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	399633	30.19	nq	100
91) Benzo(g,h,i)perylene	17.56	276	378175	28.42	nq	98

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

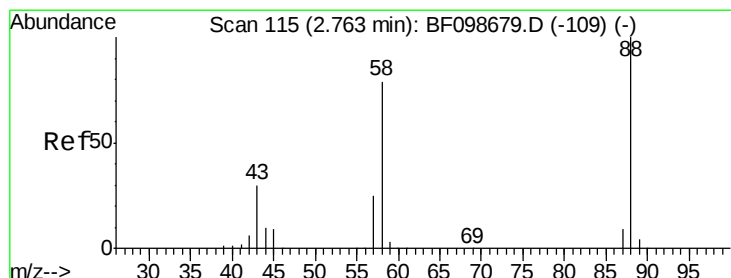
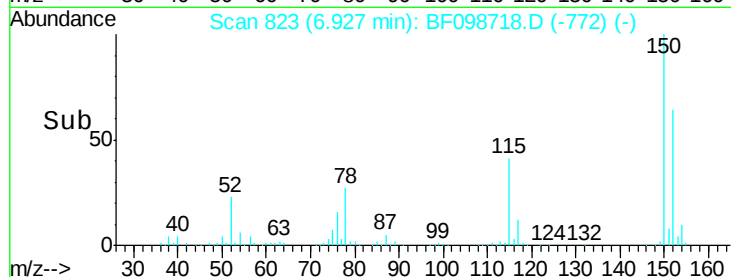
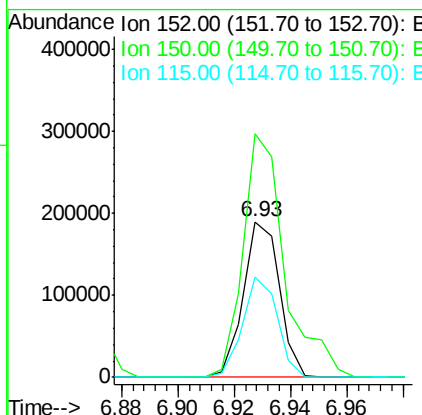
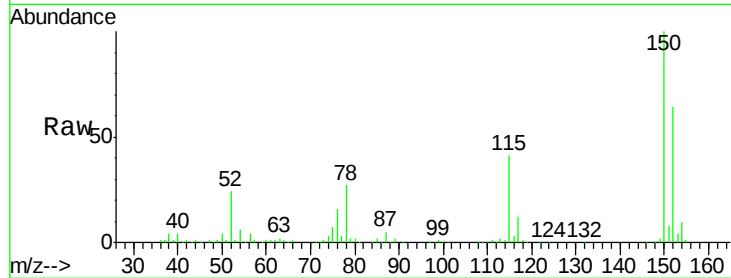


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Instrument :
BNA_F
ClientSampleId :

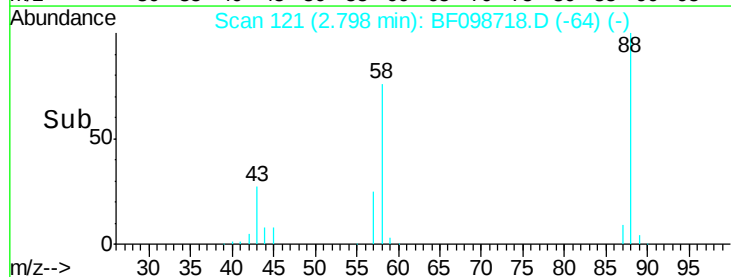
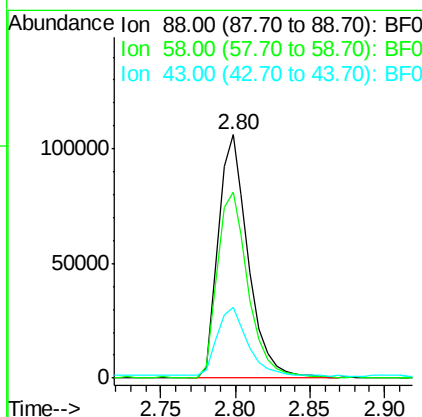
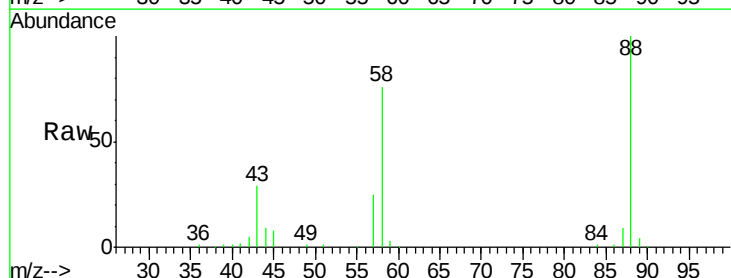
Tot Ion:152 Resp: 169089
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 64.3 50.1 75.1

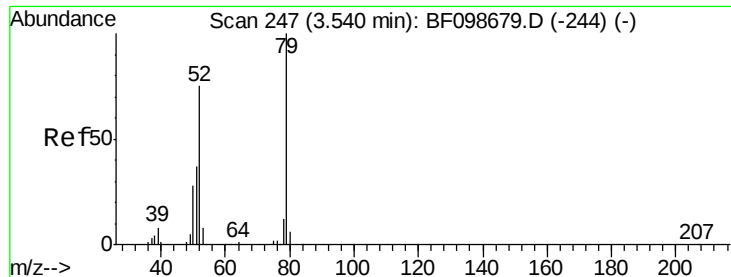


#2

1,4-Dioxane
Concen: 28.39 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.03 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion: 88 Resp: 149317
Ion Ratio Lower Upper
88 100
58 79.0 62.6 93.8
43 27.9 24.6 37.0





#3

Pvridine

Concen: 26.27 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.03 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

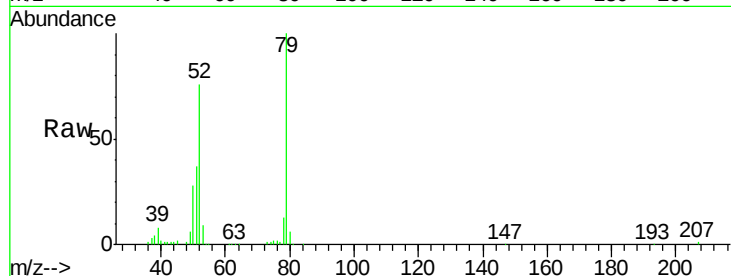
Tot Ion: 79 Resp: 367192

Ion Ratio Lower Upper

79 100

52 75.6 59.8 89.6

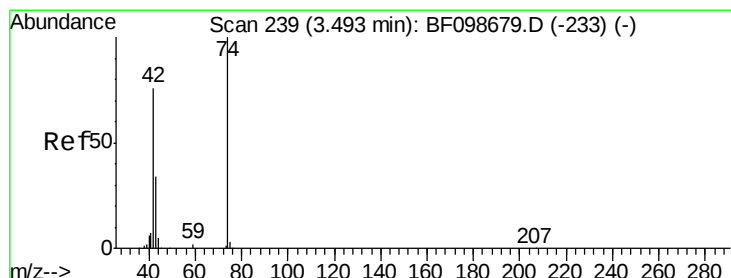
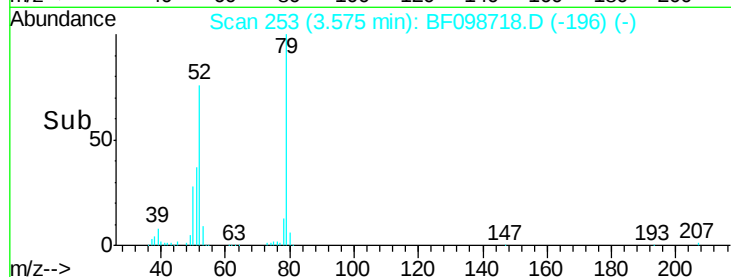
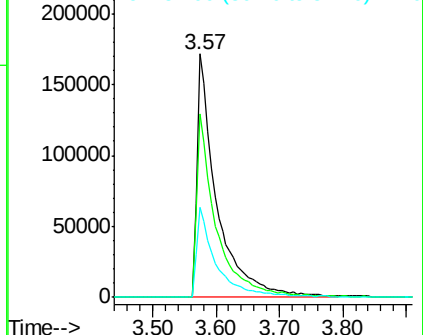
51 37.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.97 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.03 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

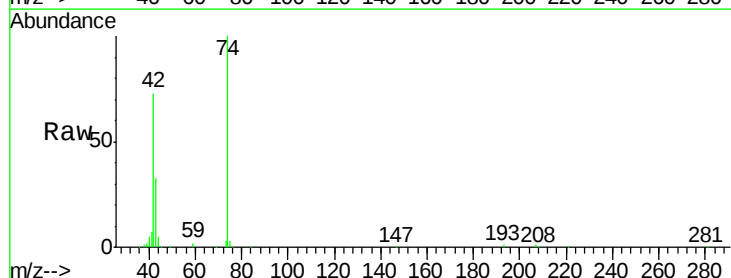
Tgt Ion: 42 Resp: 201940

Ion Ratio Lower Upper

42 100

74 137.1 104.9 157.3

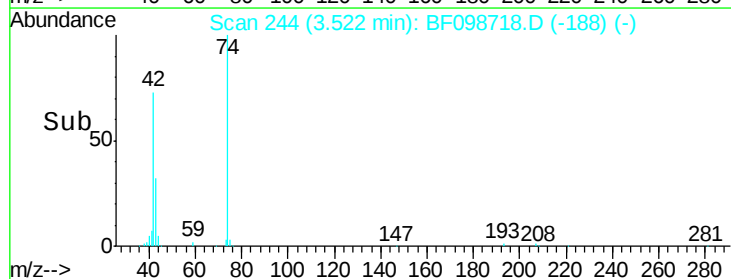
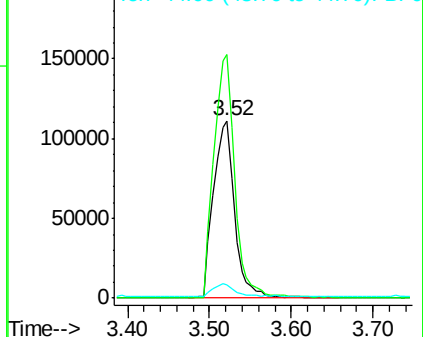
44 7.2 6.9 10.3

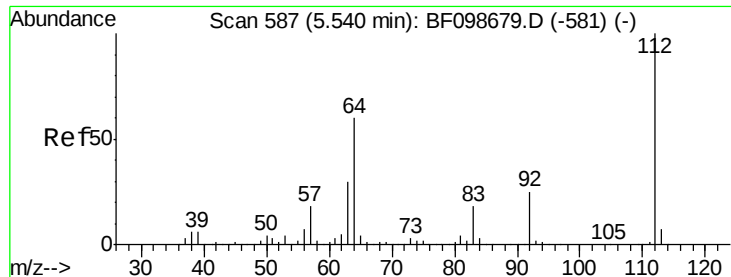


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 95.45 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

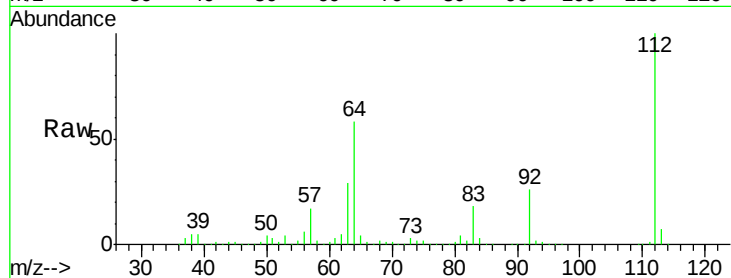
Tot Ion: 112 Resp: 1062883

Ion Ratio Lower Upper

112 100

64 58.3 47.9 71.9

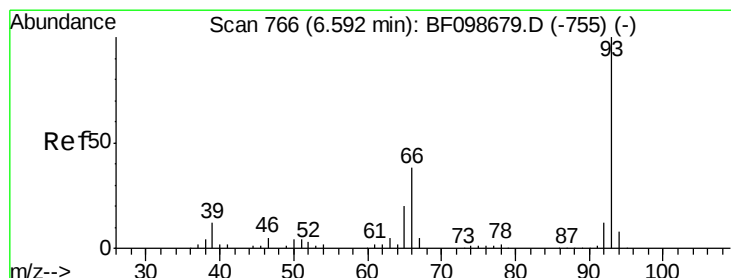
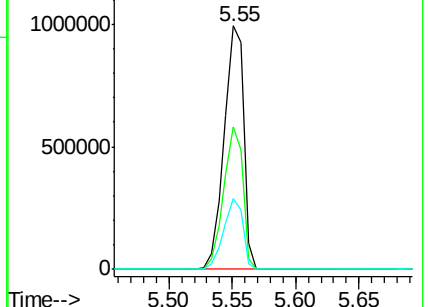
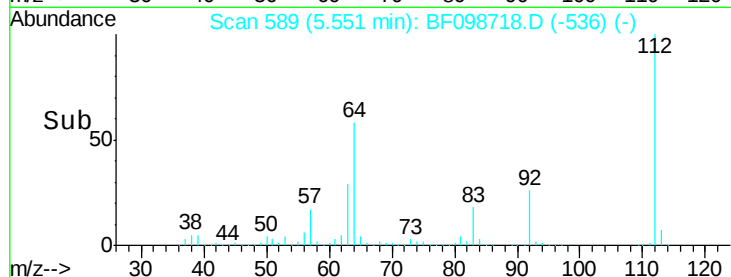
63 29.2 23.7 35.5



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: 21.00 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

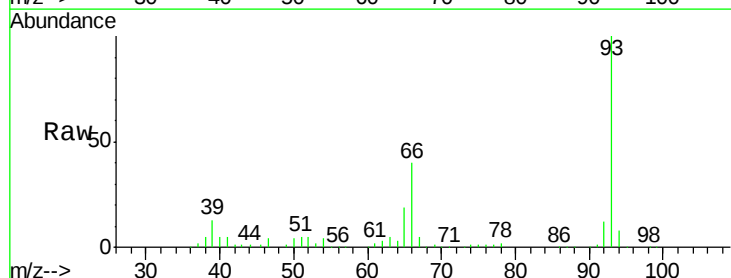
Tgt Ion: 93 Resp: 375092

Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

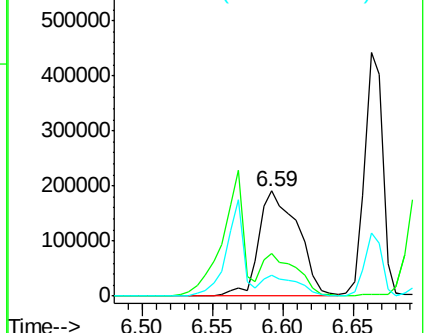
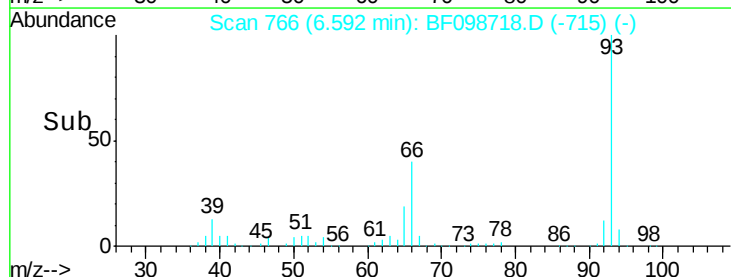
65 19.4 16.4 24.6

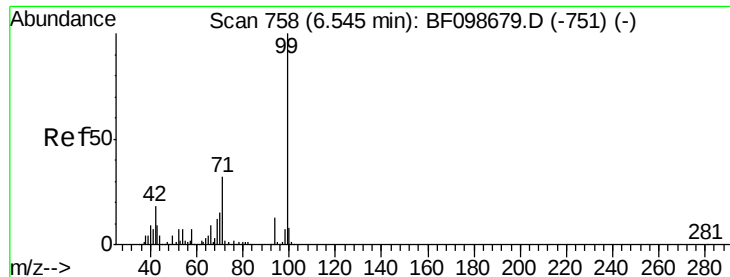


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.92 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

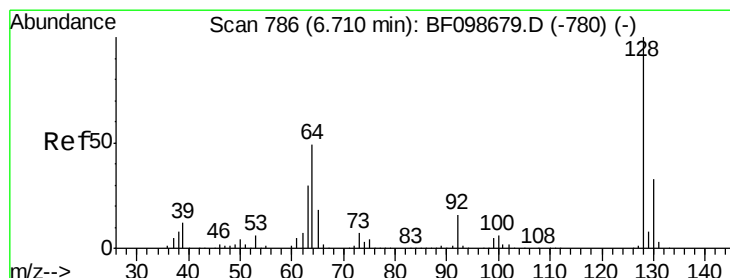
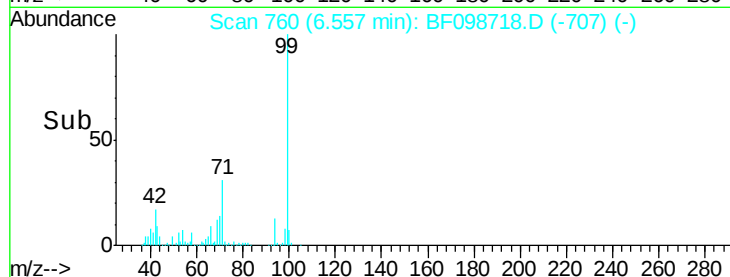
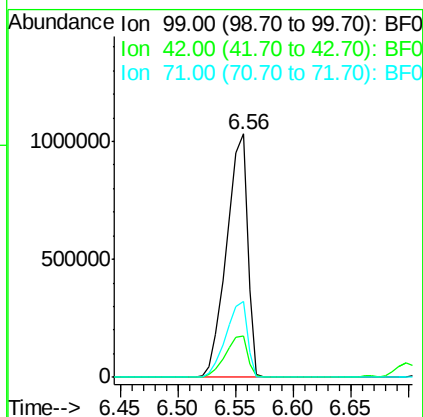
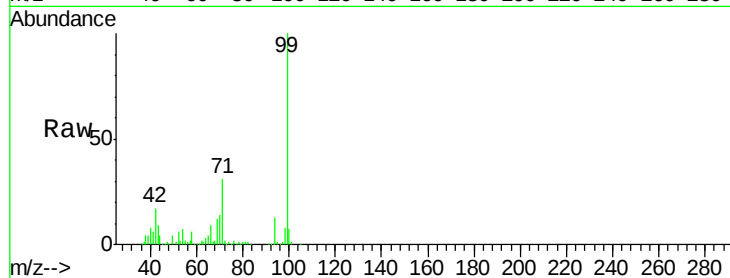
Tot Ion: 99 Resp: 1306811

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 31.0 25.4 38.0



#8

2-Chlorophenol

Concen: 33.10 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

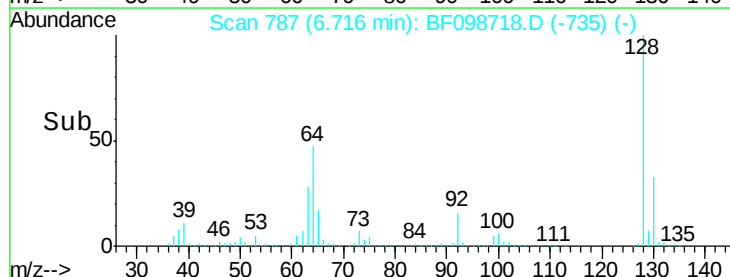
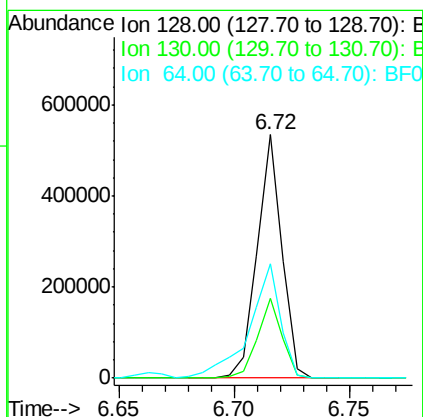
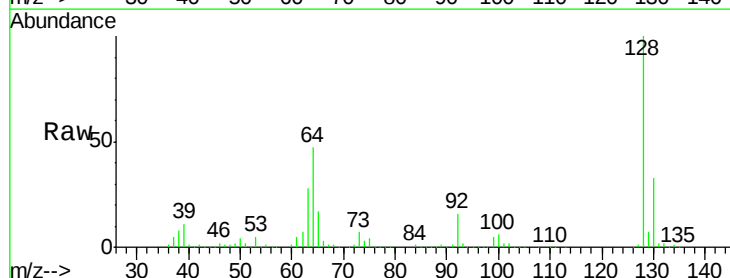
Tgt Ion: 128 Resp: 400325

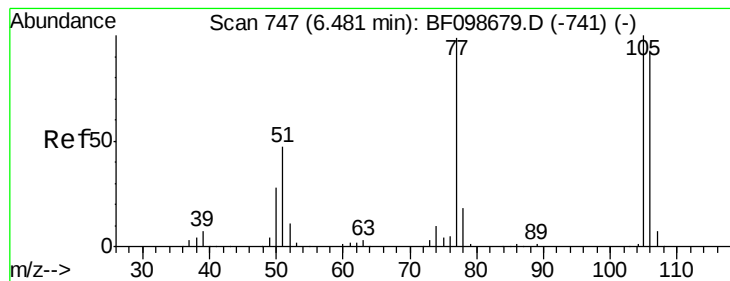
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 47.0 29.4 69.4





#9

Benzaldehyde

Concen: 15.67 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

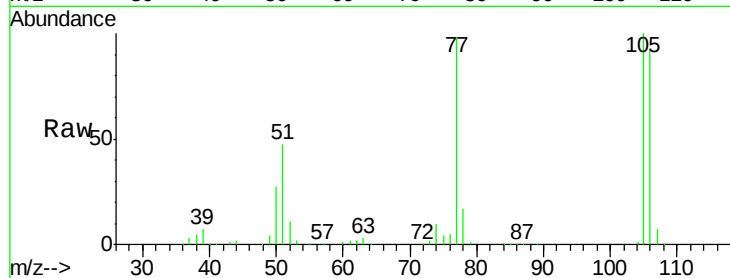
Tot Ion: 77 Resp: 118493

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

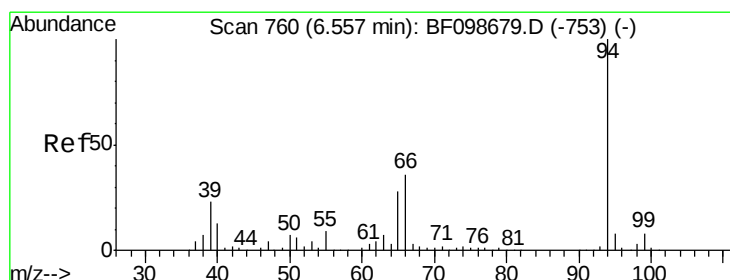
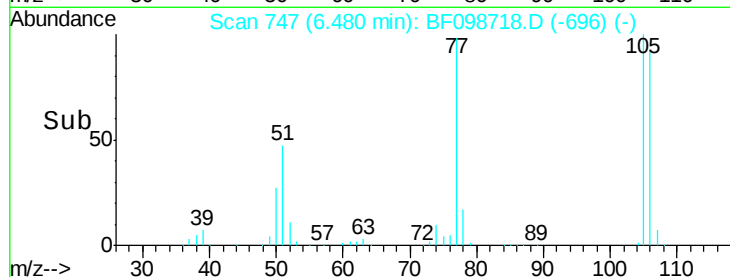
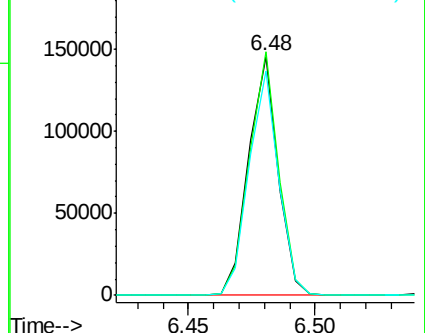
106 94.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.48 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

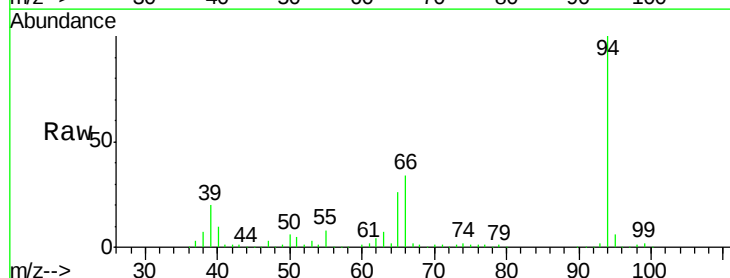
Tgt Ion: 94 Resp: 513188

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

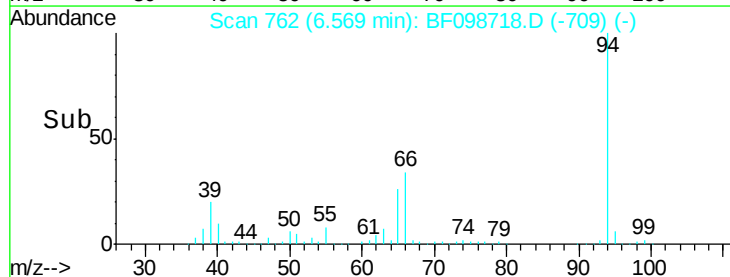
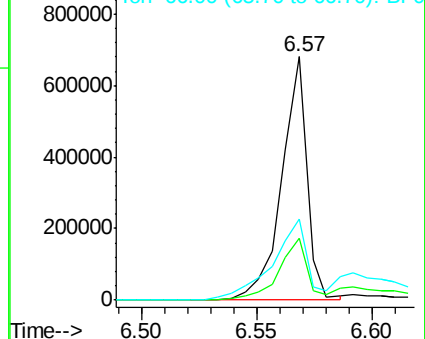
66 33.5 16.2 56.2

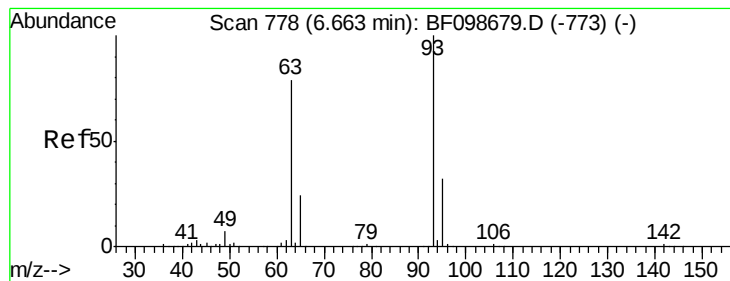


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

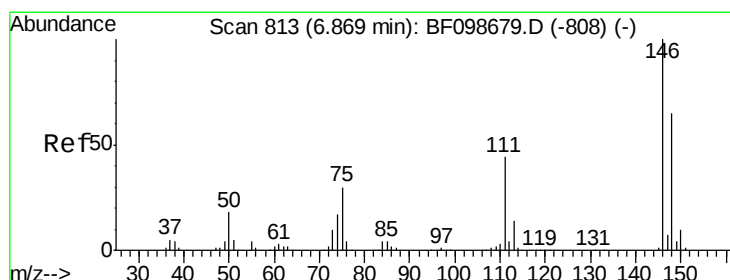
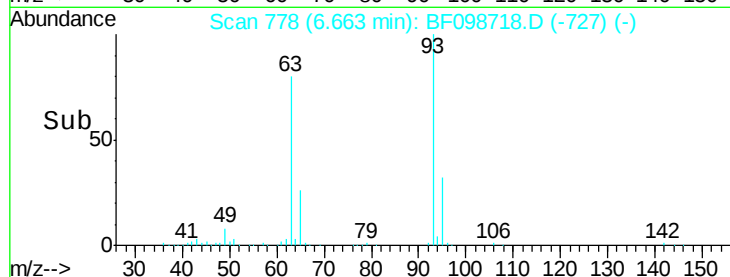
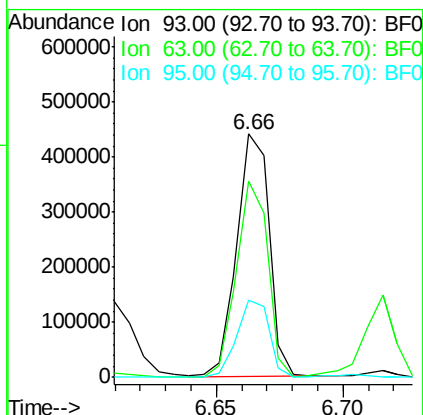
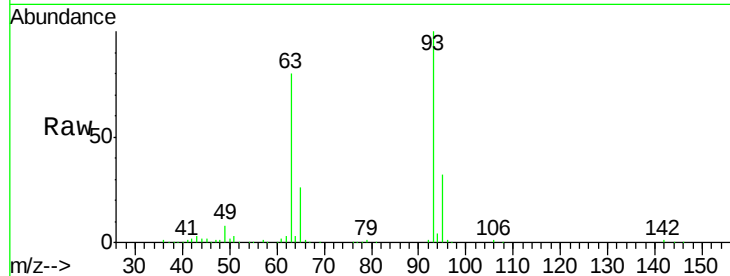




#11
 bis(2-Chloroethyl)ether
 Concen: 34.23 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

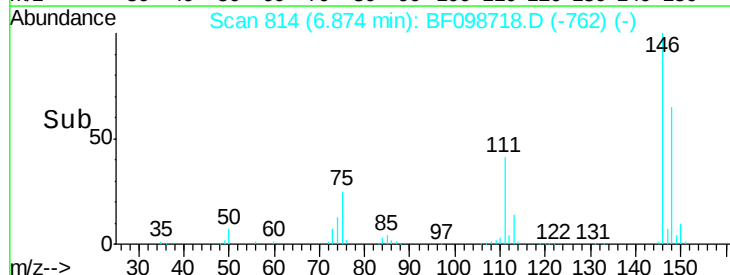
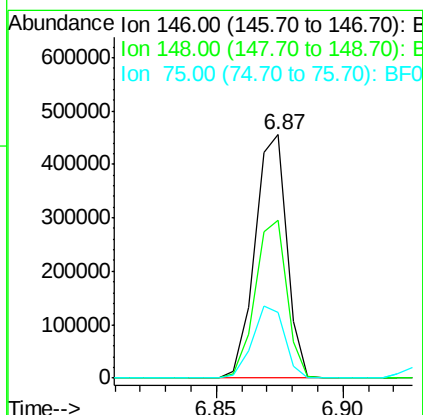
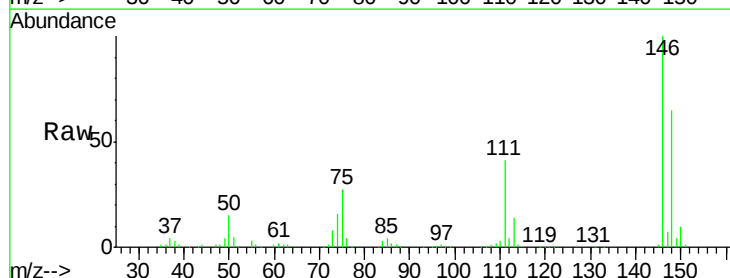
Instrument :
 BNA_F
 ClientSampled :

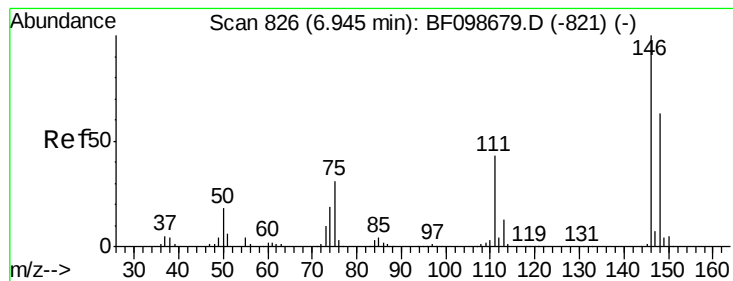
Tot Ion: 93 Resp: 392511
 Ion Ratio Lower Upper
 93 100
 63 80.5 58.6 98.6
 95 31.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 31.28 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion: 146 Resp: 399659
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.8
 75 26.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 31.25 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

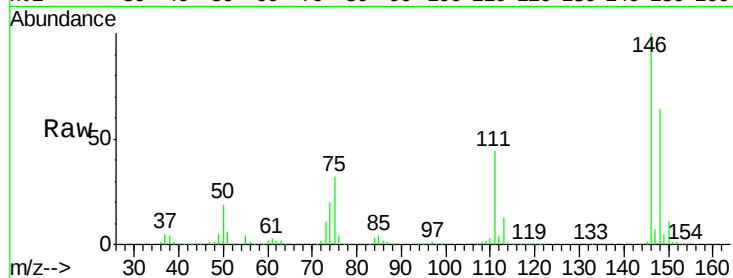
Tot Ion:146 Resp: 404153

Ion Ratio Lower Upper

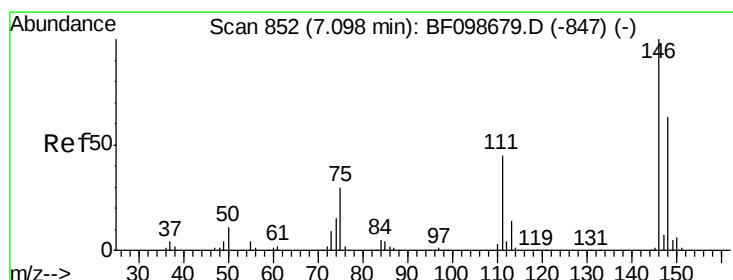
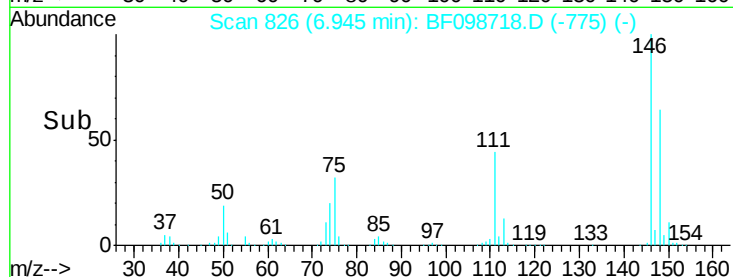
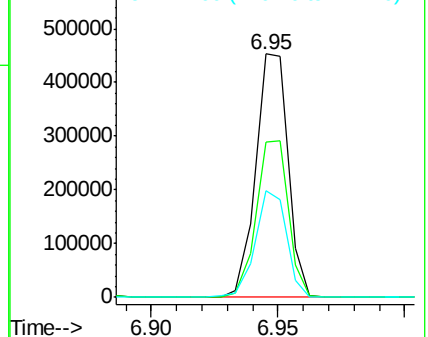
146 100

148 63.9 50.8 76.2

111 43.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.78 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

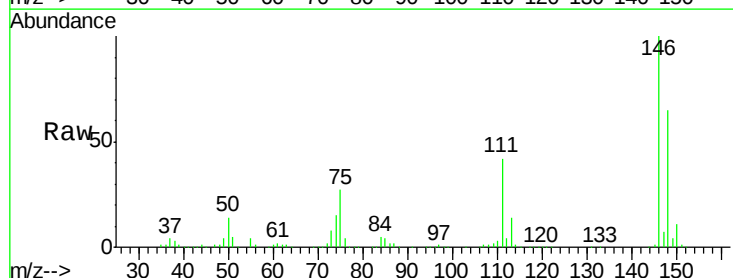
Tgt Ion:146 Resp: 383240

Ion Ratio Lower Upper

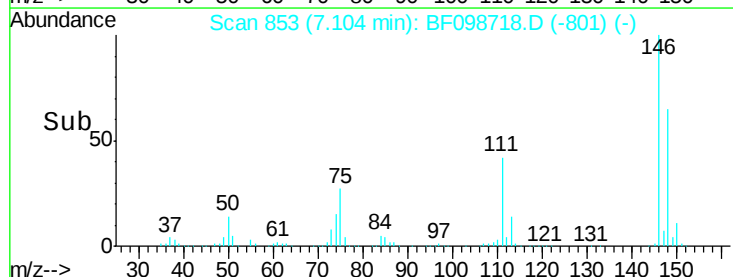
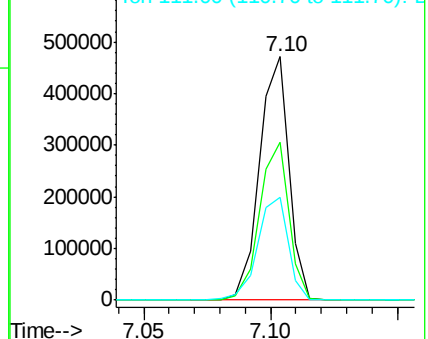
146 100

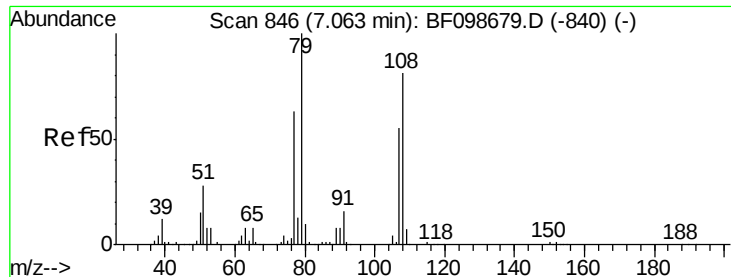
148 64.7 50.6 75.8

111 42.2 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.38 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

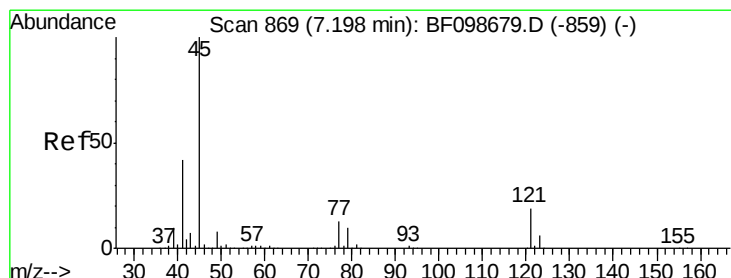
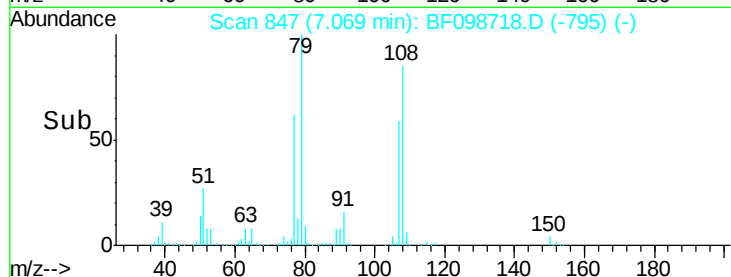
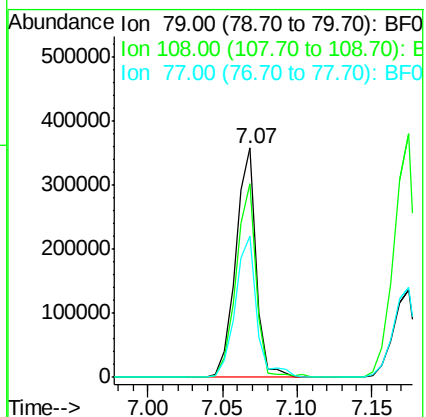
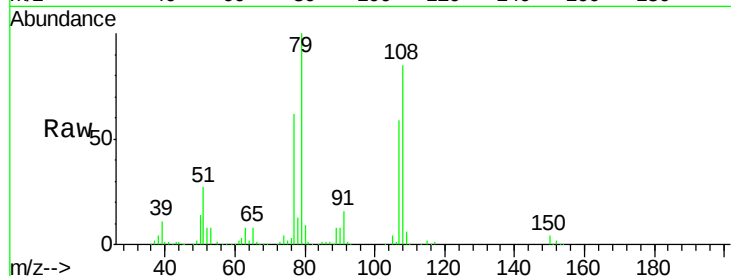
Tot Ion: 79 Resp: 344287

Ion Ratio Lower Upper

79 100

108 84.6 65.1 97.7

77 61.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.40 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

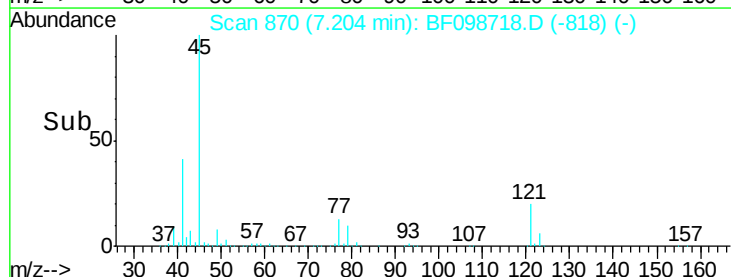
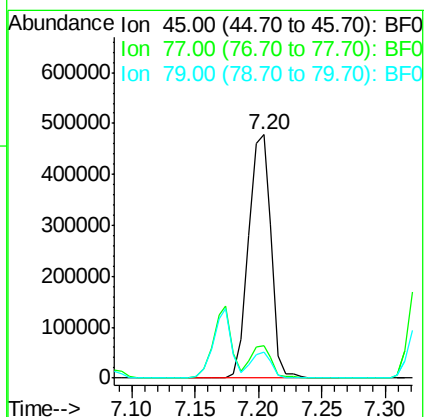
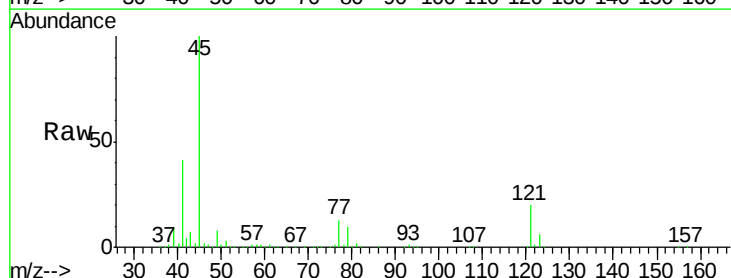
Tgt Ion: 45 Resp: 591967

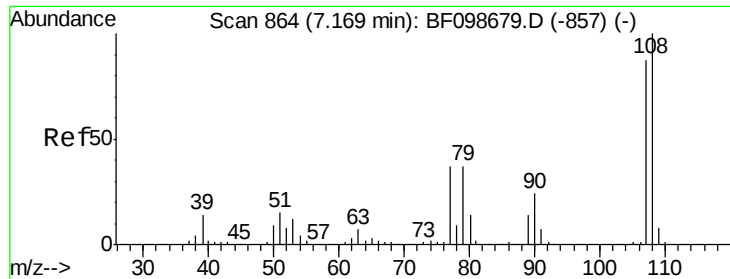
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.9

79 10.4 0.0 29.6

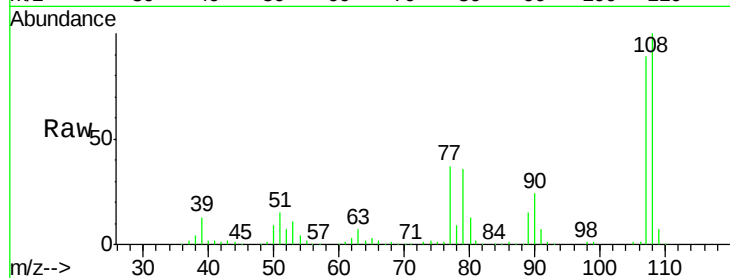




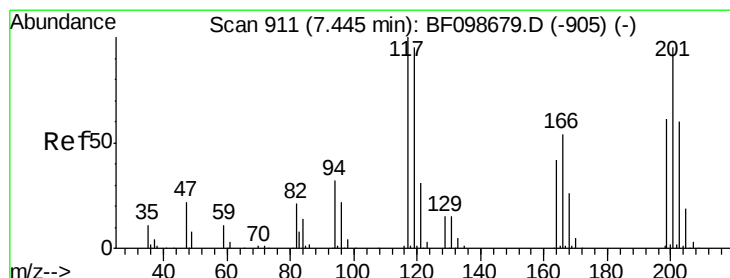
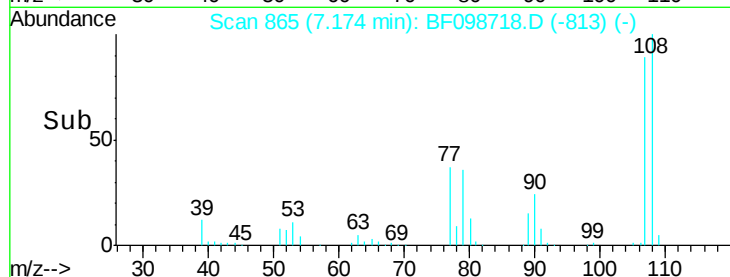
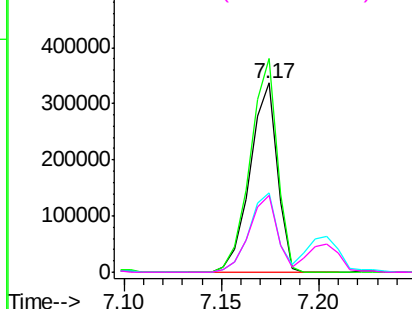
#17
2-Methylphenol
Concen: 33.30 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 328240
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 42.0 33.8 50.8
79 40.8 33.8 50.8

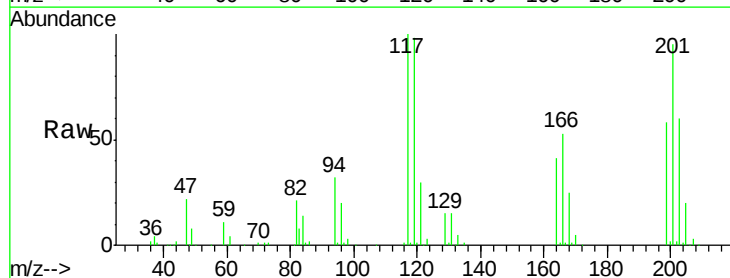


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

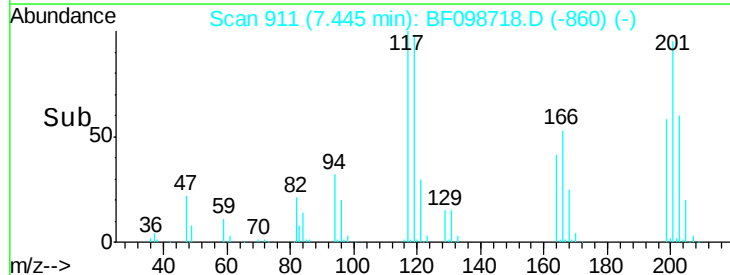
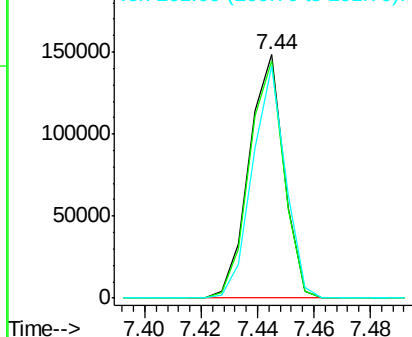


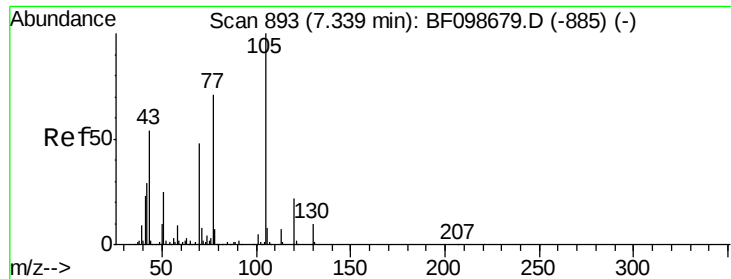
#18
Hexachloroethane
Concen: 28.35 ng
RT: 7.44 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion:117 Resp: 126223
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 95.3 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

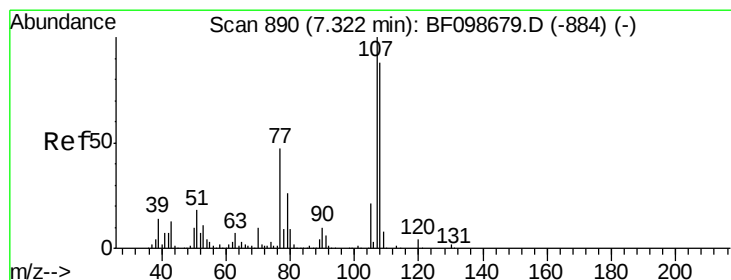
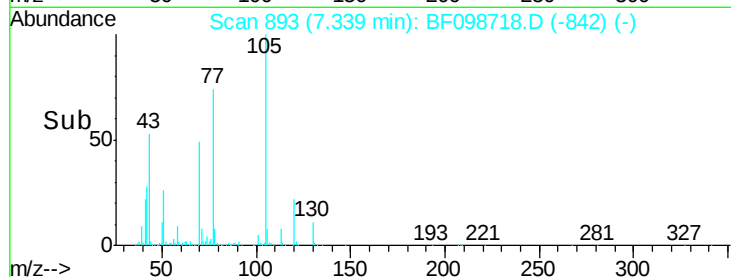
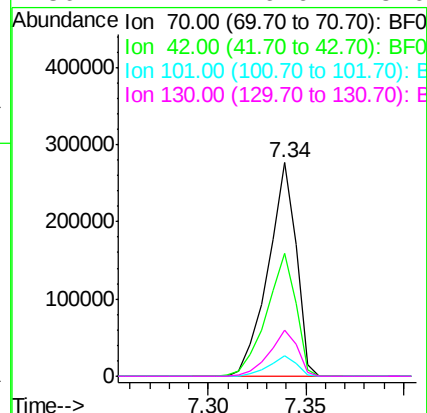
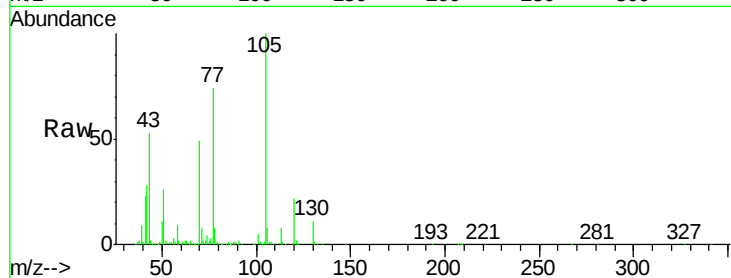




#19
n-Nitroso-di-n-propylamine
Concen: 33.05 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

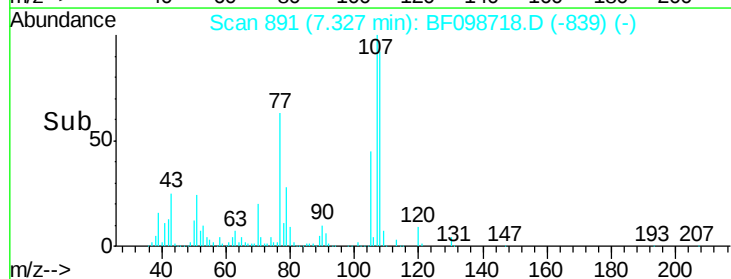
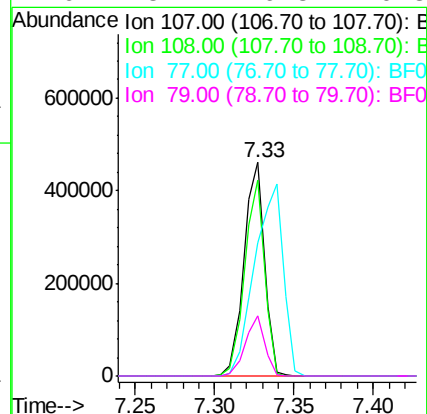
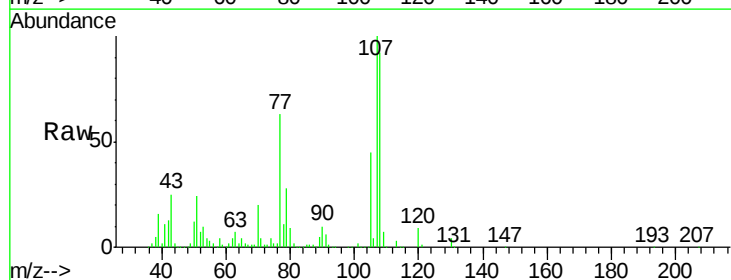
Instrument :
BNA_F
ClientSampleId :

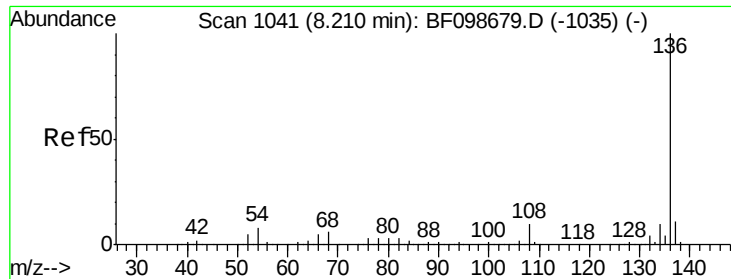
Tot Ion:	70	Resp:	276050
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.5	71.3
101	9.7	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 32.56 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion:	107	Resp:	413728
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	62.6	26.7	66.7
79	28.2	6.3	46.3

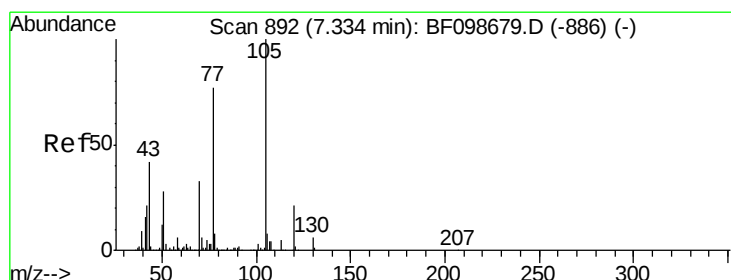
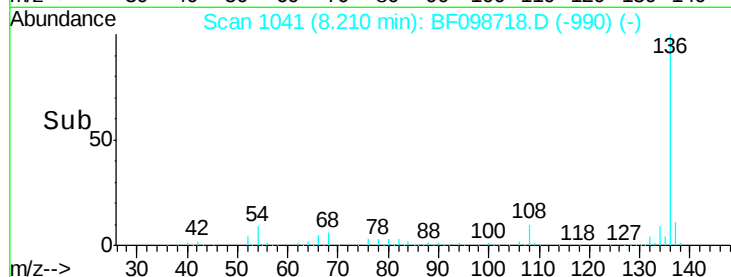
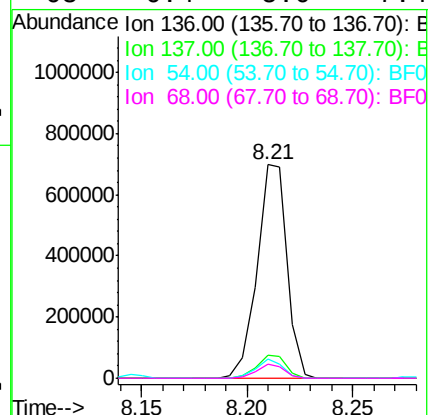
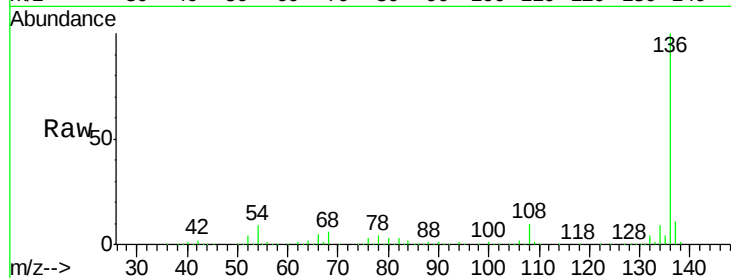




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

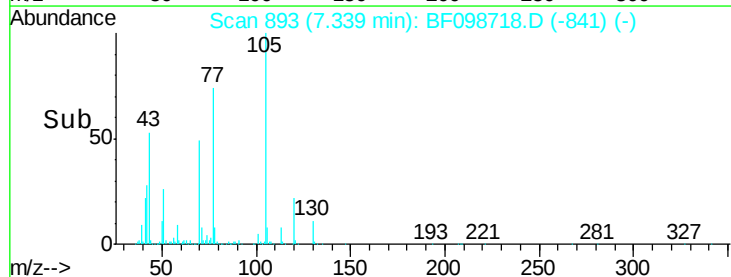
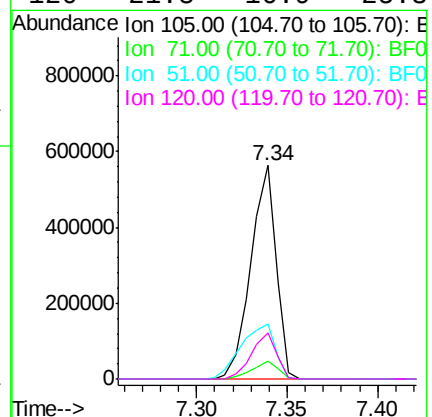
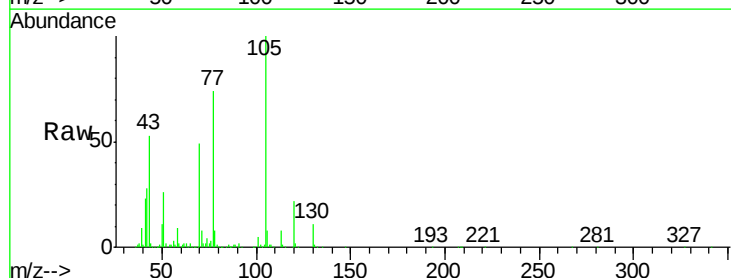
Instrument :
BNA_F
ClientSampled :

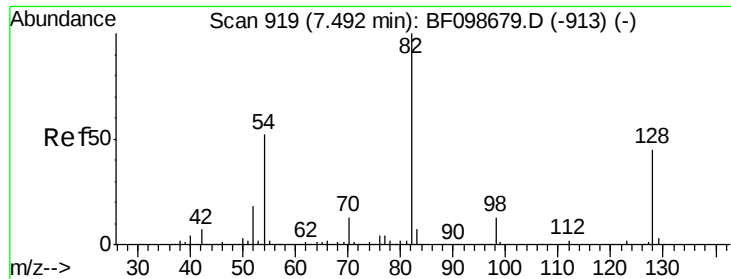
Tot Ion:136	Resp:	687491
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.9	6.6 9.8
68	6.4	5.0 7.4



#22
Acetophenone
Concen: 32.16 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion:105	Resp:	546954
Ion Ratio	Lower	Upper
105	100	
71	8.3	4.4 6.6#
51	25.6	22.3 33.5
120	21.8	16.9 25.3

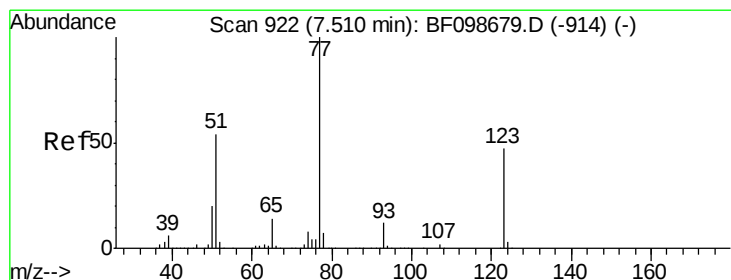
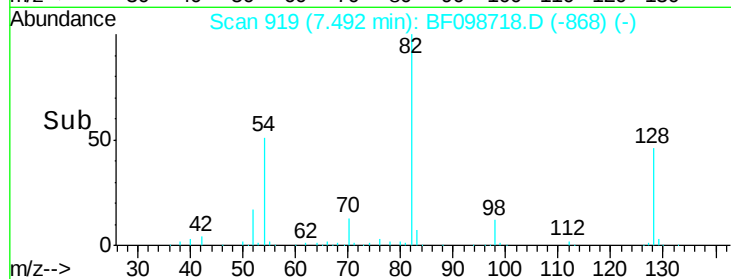
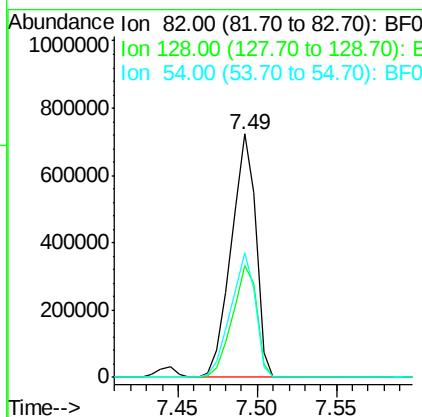
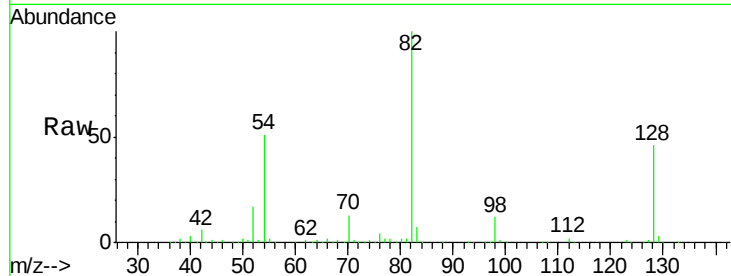




#23
 Nitrobenzene-d5
 Concen: 76.99 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

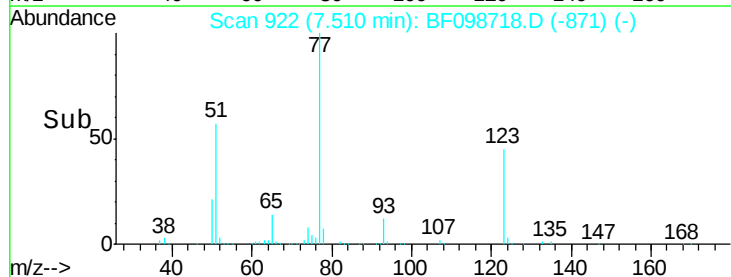
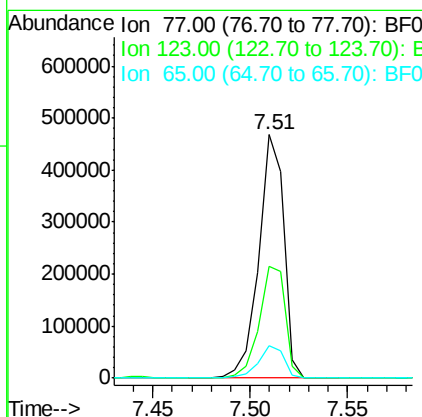
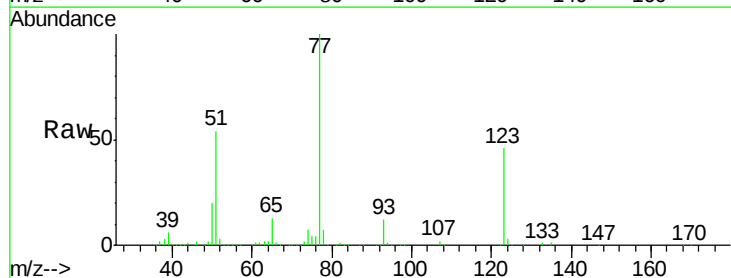
Instrument :
 BNA_F
 ClientSampled :

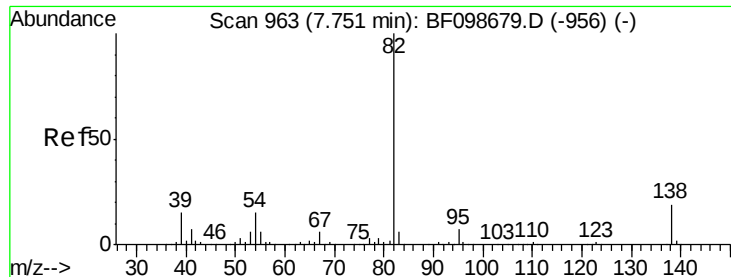
Tot Ion: 82 Resp: 780293
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 50.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 35.45 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion: 77 Resp: 414931
 Ion Ratio Lower Upper
 77 100
 123 45.9 37.9 56.9
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 33.89 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

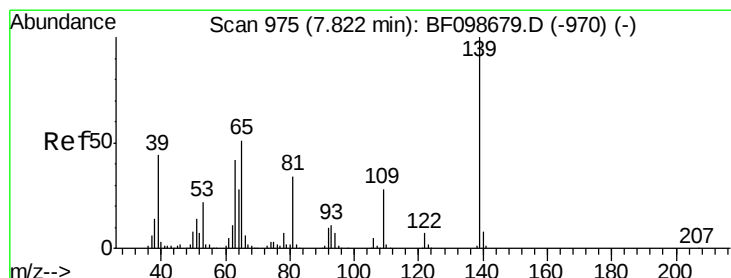
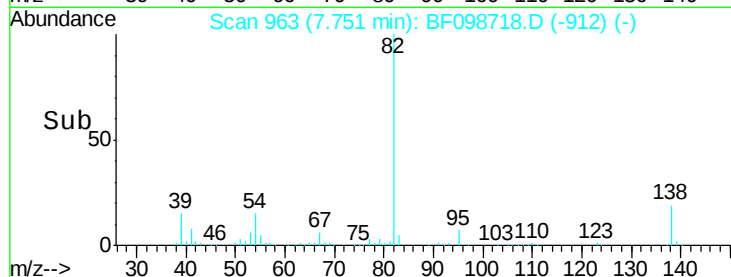
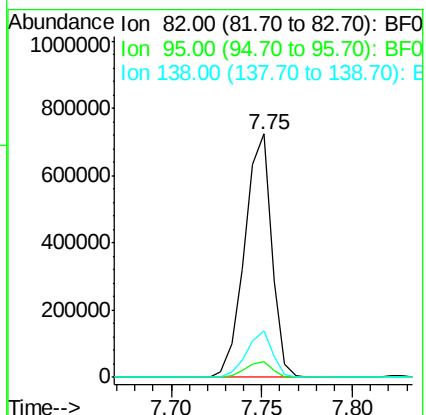
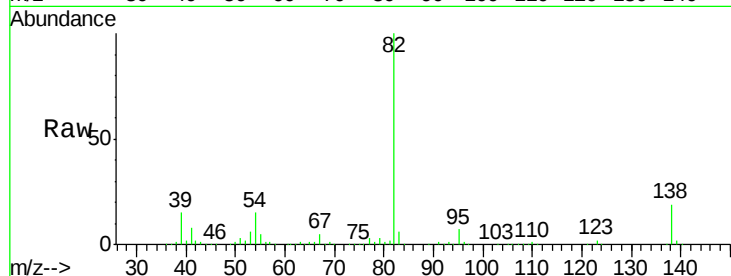
Tot Ion: 82 Resp: 749208

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 38.75 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

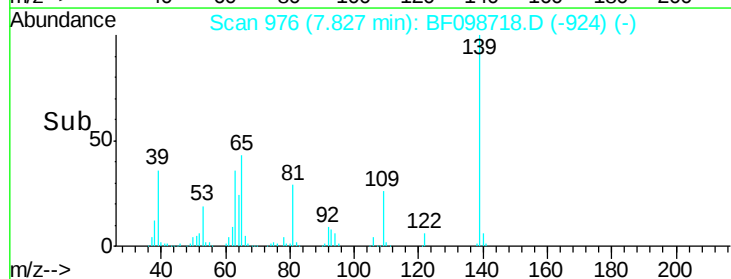
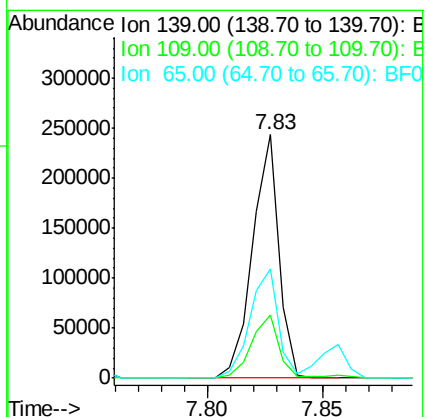
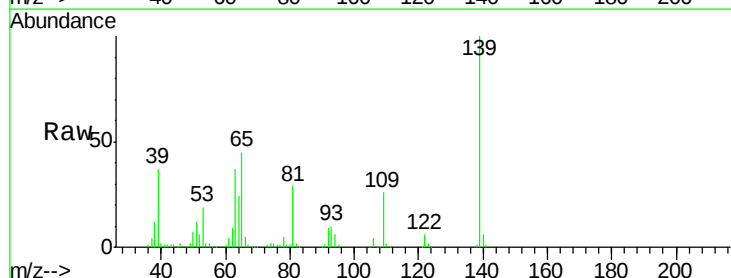
Tgt Ion: 139 Resp: 194426

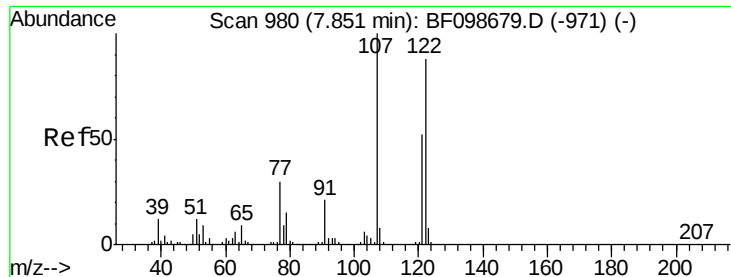
Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

65 44.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 30.73 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

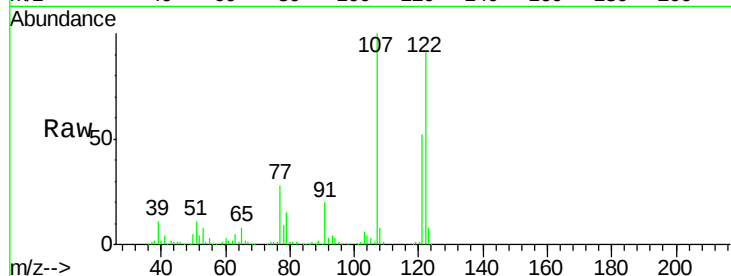
Tot Ion:122 Resp: 333540

Ion Ratio Lower Upper

122 100

107 110.3 91.2 136.8

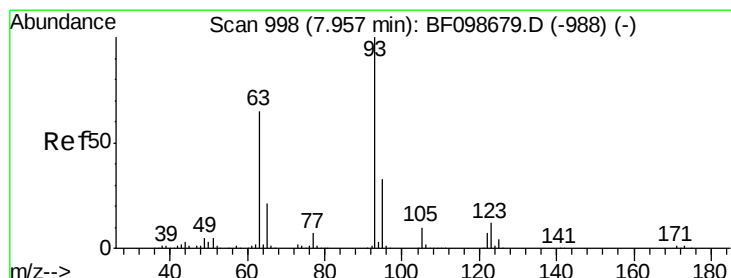
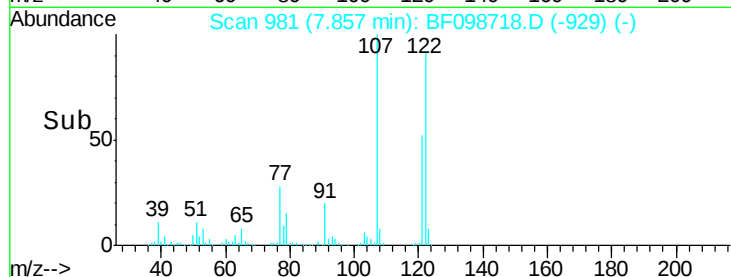
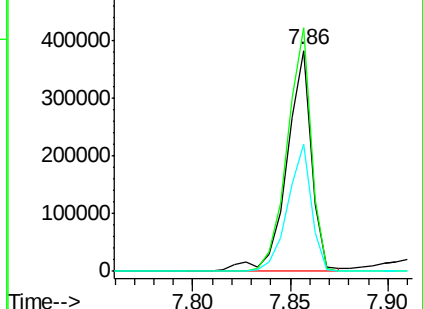
121 57.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.30 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

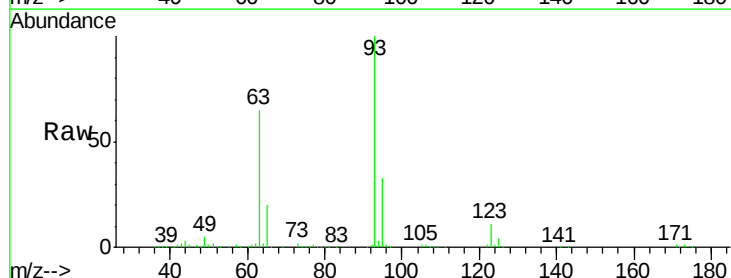
Tgt Ion: 93 Resp: 485574

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

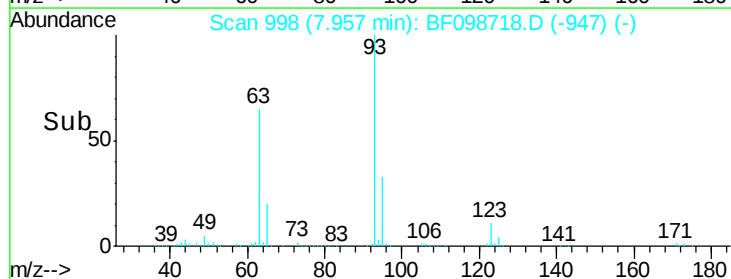
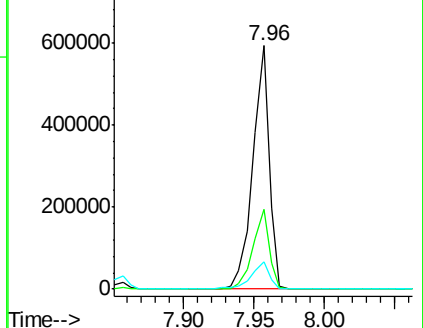
123 11.2 9.8 14.6

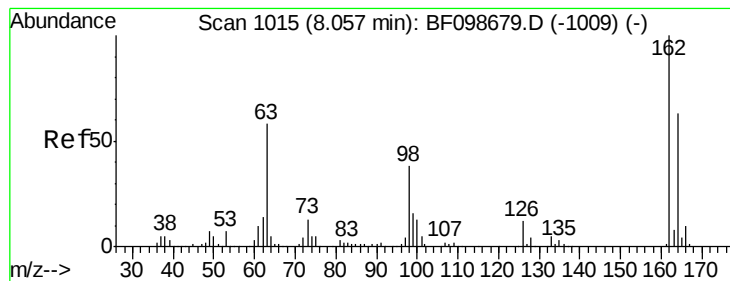


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

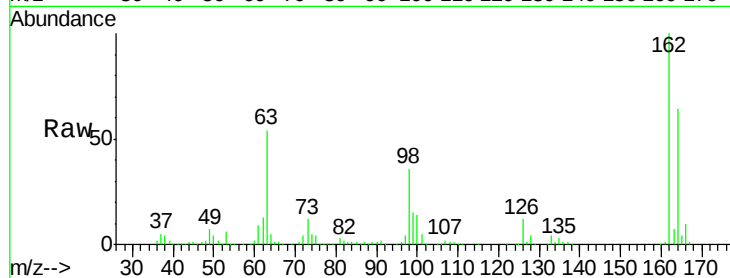




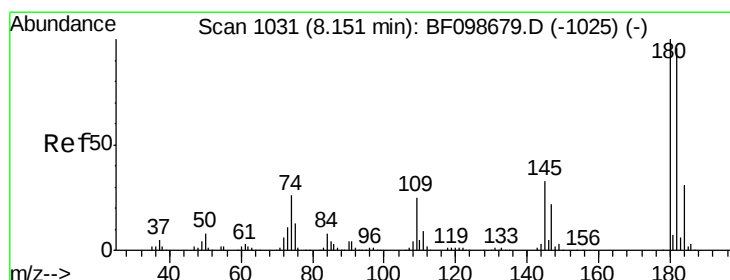
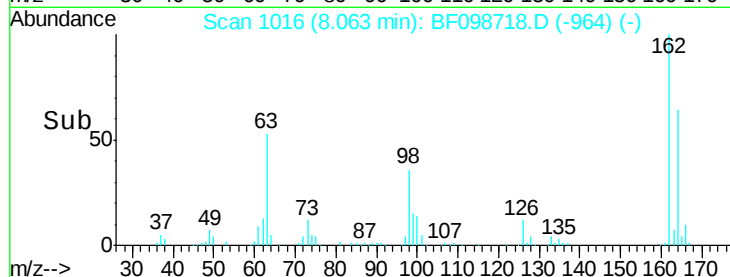
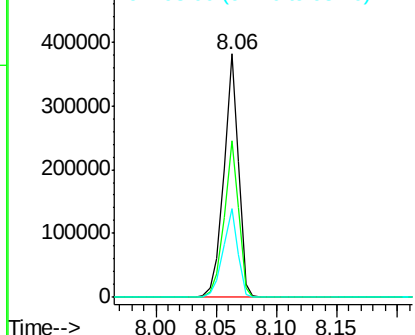
#29
 2,4-Dichlorophenol
 Concen: 34.11 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	162	Resp	318533
Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	36.4	18.1	58.1

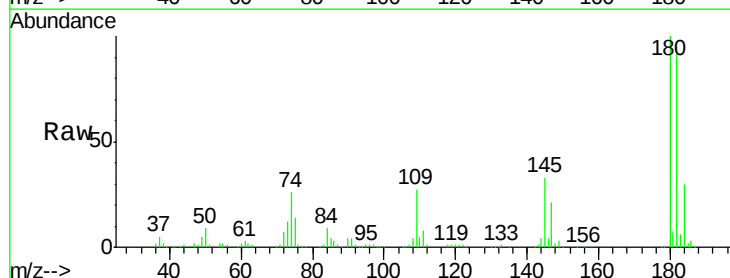


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

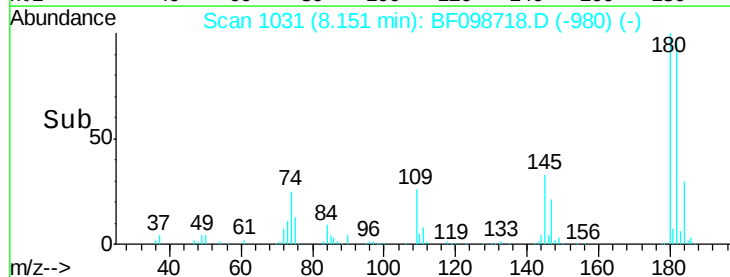
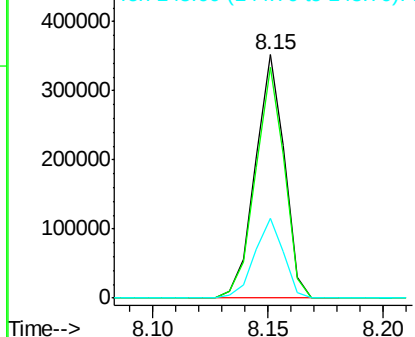


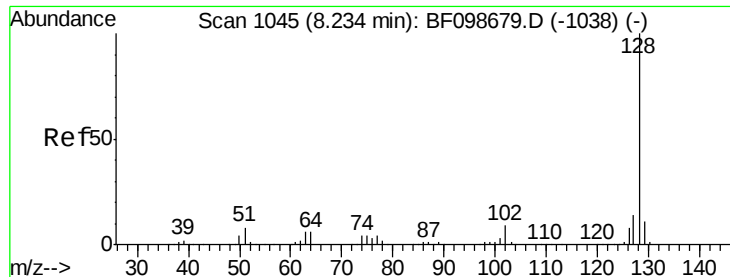
#30
 1,2,4-Trichlorobenzene
 Concen: 32.78 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion	180	Resp	308749
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	32.8	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 33.15 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

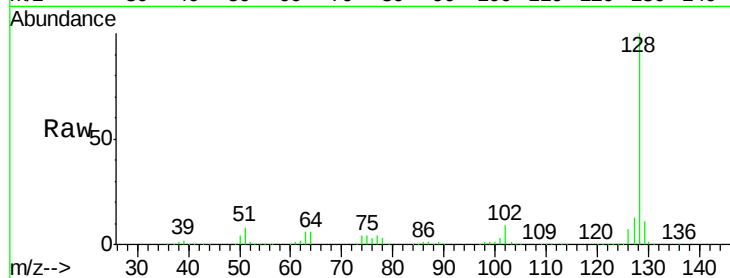
Tot Ion:128 Resp: 1081583

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

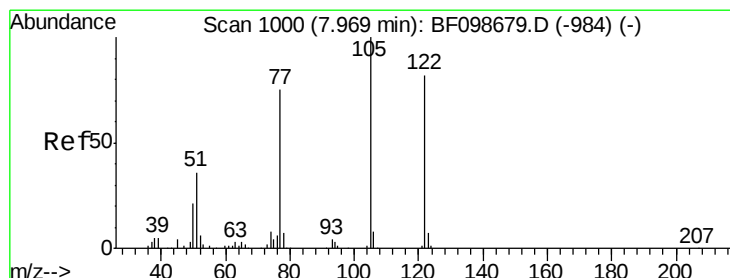
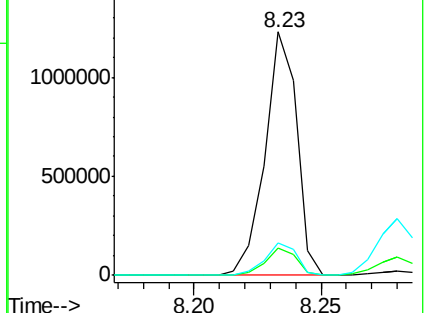
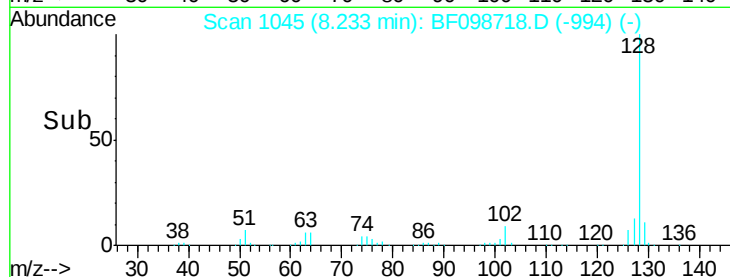
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.57 ng

RT: 7.94 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

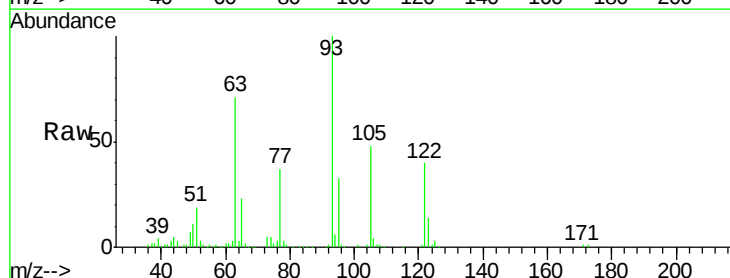
Tgt Ion:122 Resp: 116313

Ion Ratio Lower Upper

122 100

105 119.7 101.1 141.1

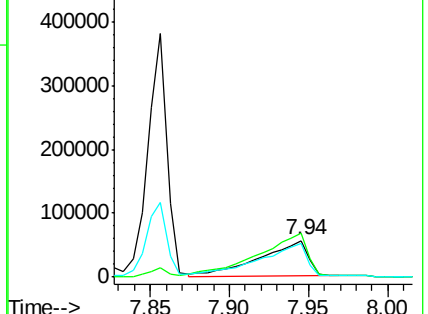
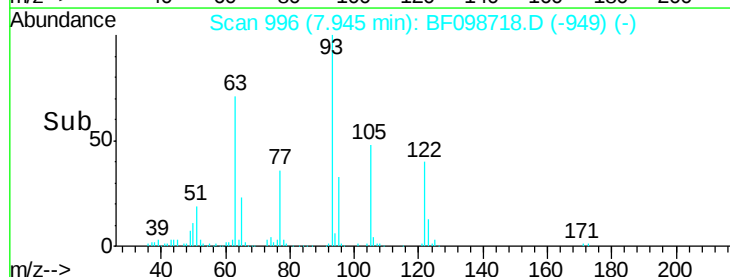
77 90.9 70.7 110.7

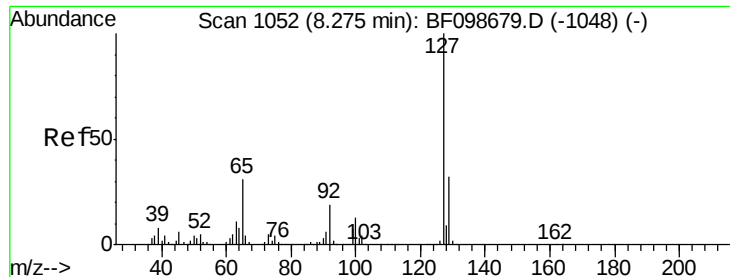


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

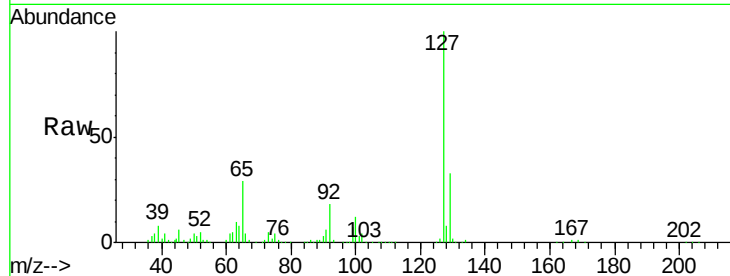




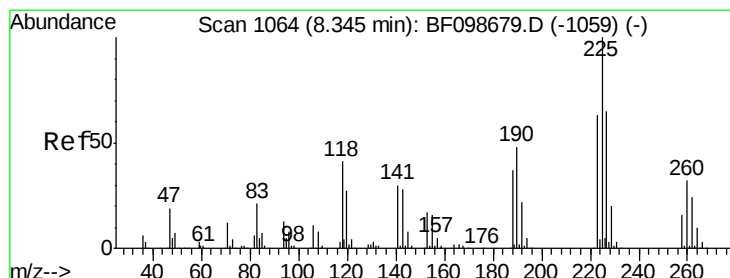
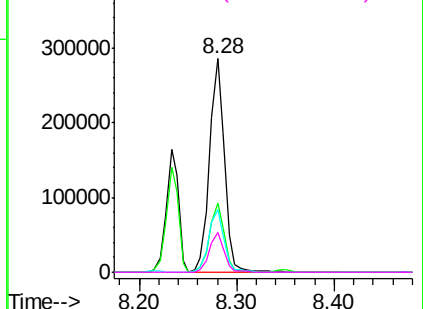
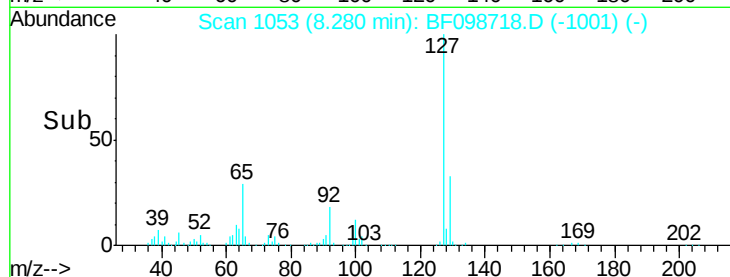
#33
4-Chloroaniline
Concen: 22.48 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	304918
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.5	25.0	37.4
92	18.3	15.2	22.8

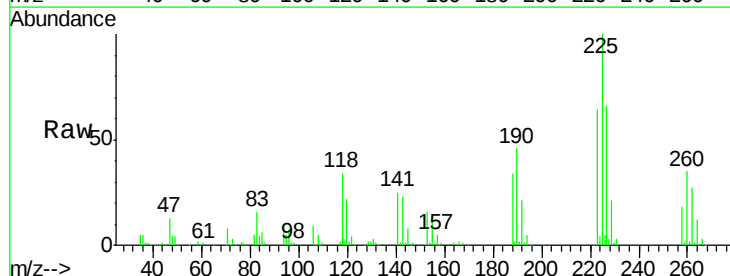


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

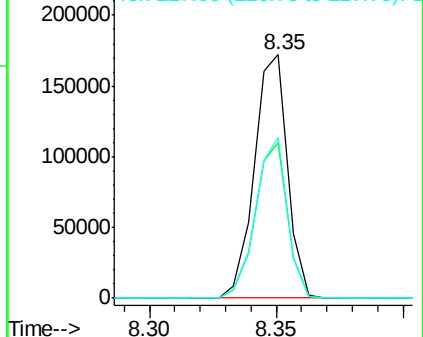
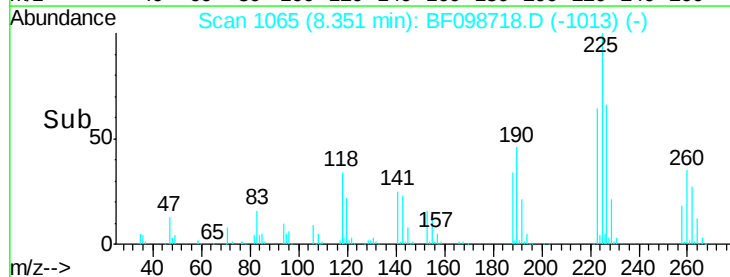


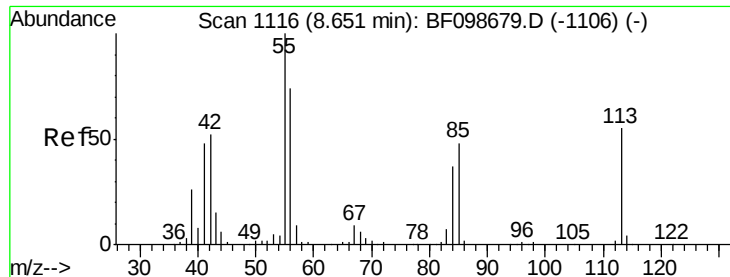
#34
Hexachlorobutadiene
Concen: 30.86 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion:	225	Resp:	156609
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.7	51.9	77.9



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





#35

Caprolactam

Concen: 34.40 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

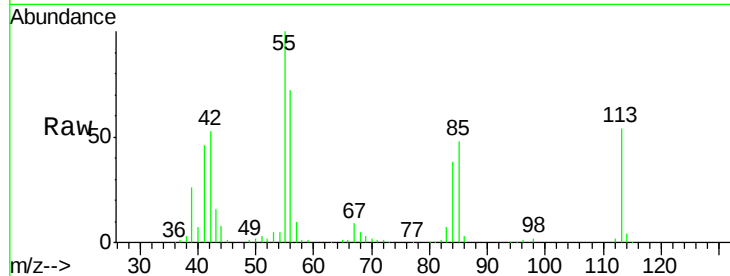
Tot Ion:113 Resp: 100165

Ion Ratio Lower Upper

113 100

55 183.8 163.3 203.3

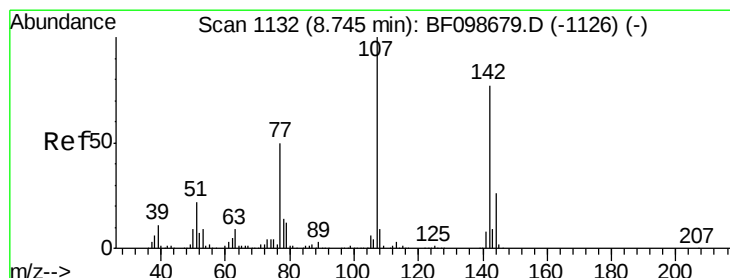
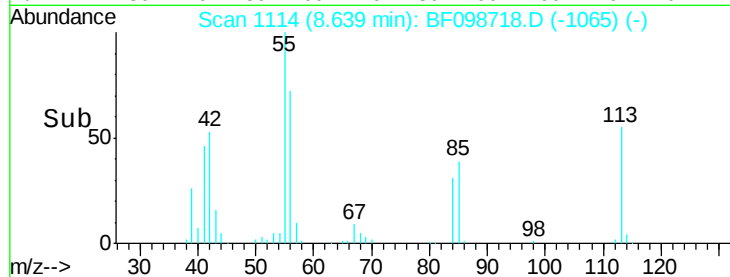
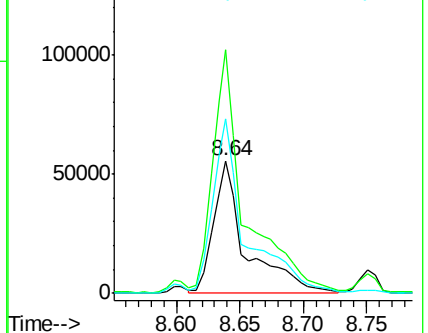
56 131.6 115.7 155.7



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: 32.00 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

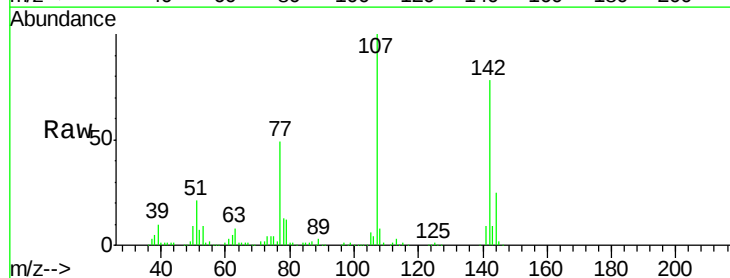
Tgt Ion:107 Resp: 341121

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

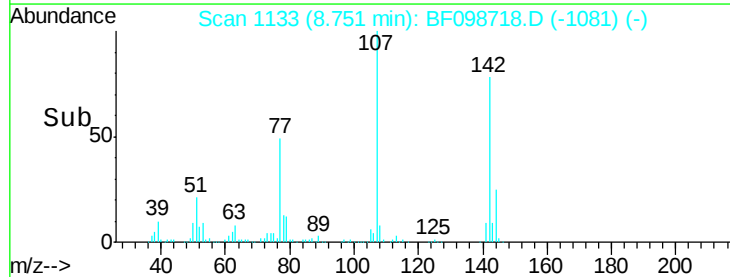
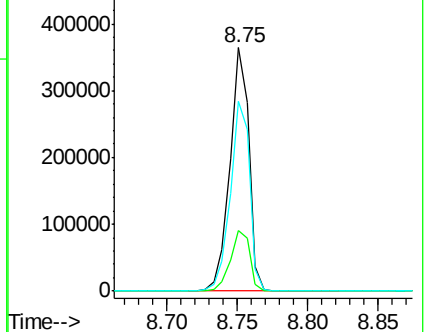
142 78.2 62.0 93.0

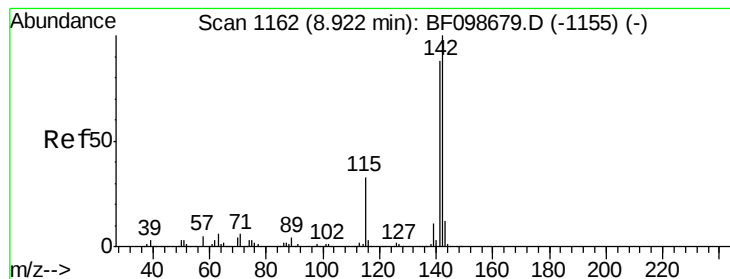


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.07 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

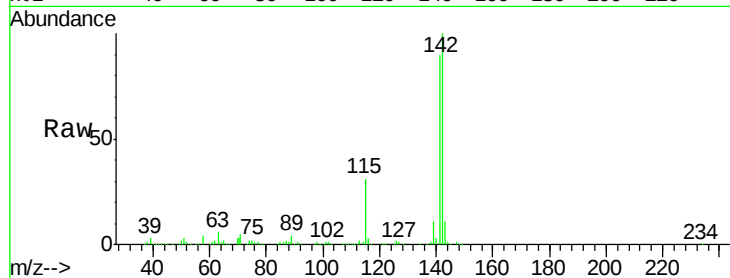
Tot Ion:142 Resp: 713793

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

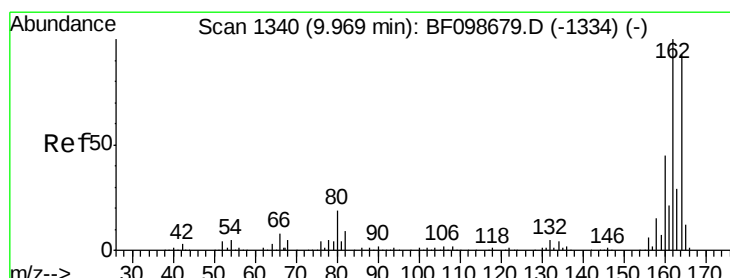
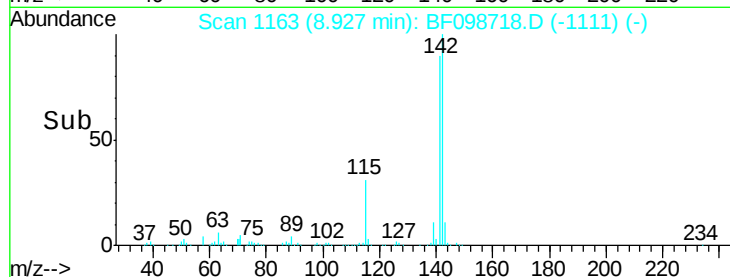
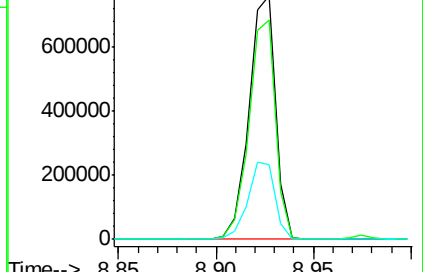
115 30.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

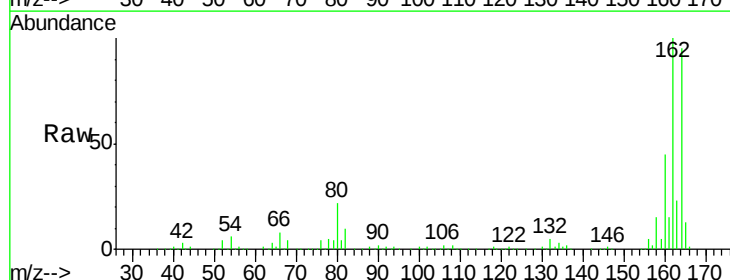
Tgt Ion:164 Resp: 281787

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

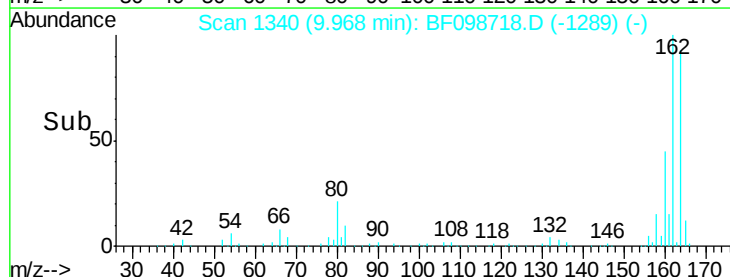
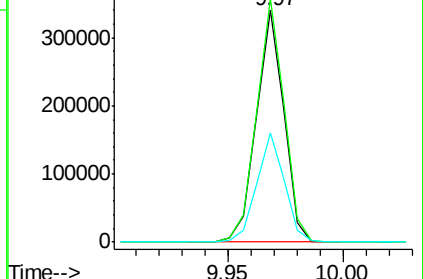
160 47.1 38.3 57.5

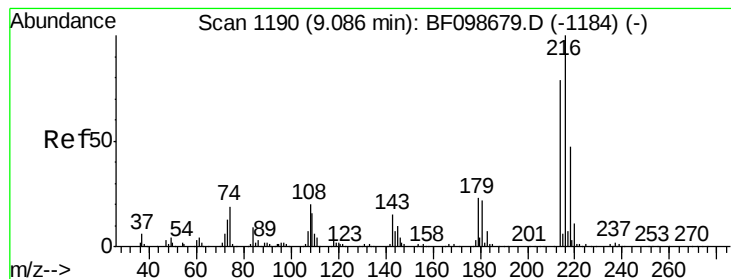


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.53 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 271091

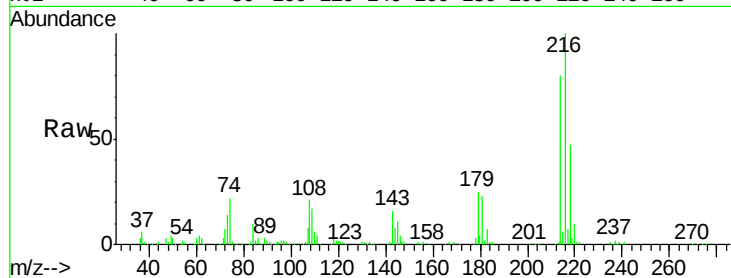
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.0 18.1 27.1

108 20.7 17.2 25.8

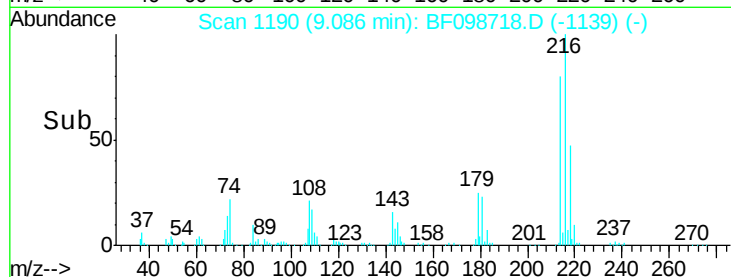


Abundance Ion 216.00 (215.70 to 216.70): E

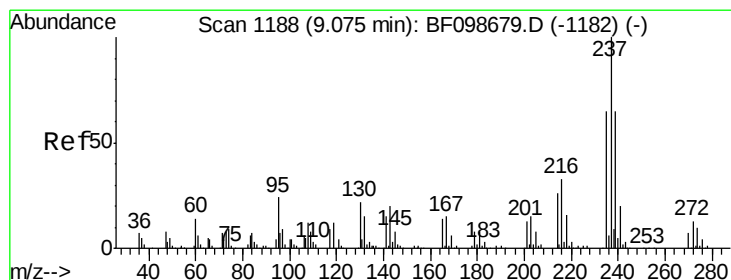
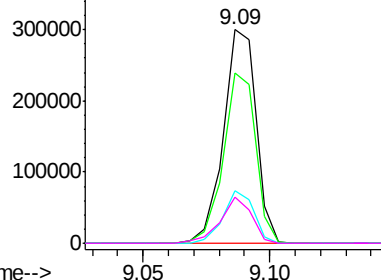
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 20.75 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

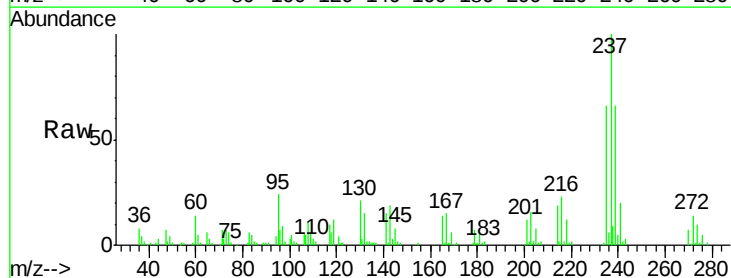
Tgt Ion:237 Resp: 75132

Ion Ratio Lower Upper

237 100

235 65.8 44.8 84.8

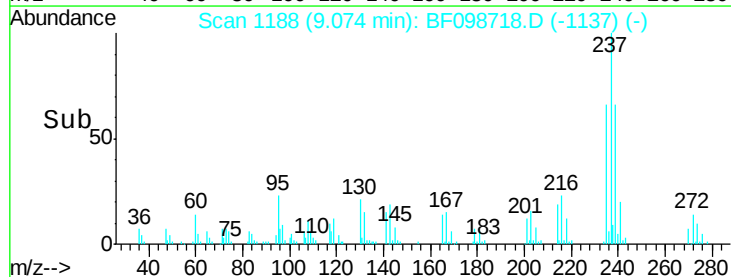
272 13.9 0.0 33.3



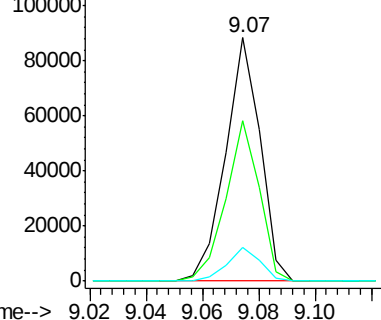
Abundance Ion 236.80 (236.50 to 237.50): E

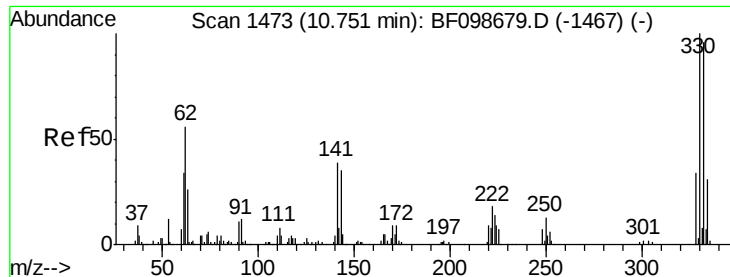
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

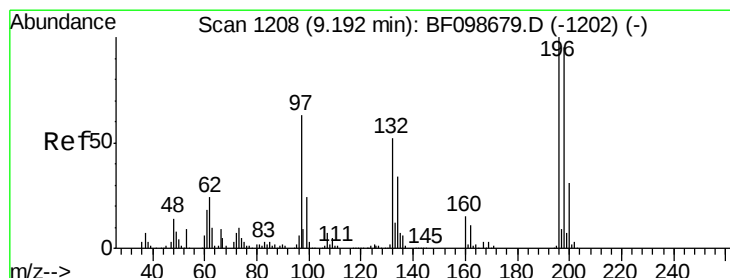
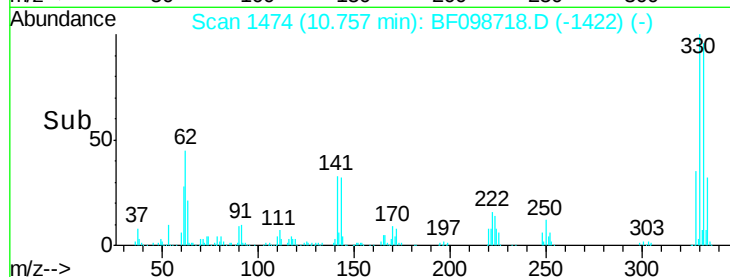
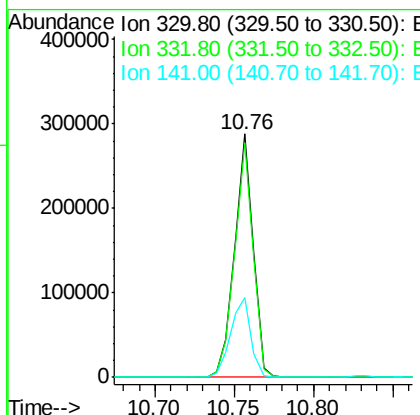
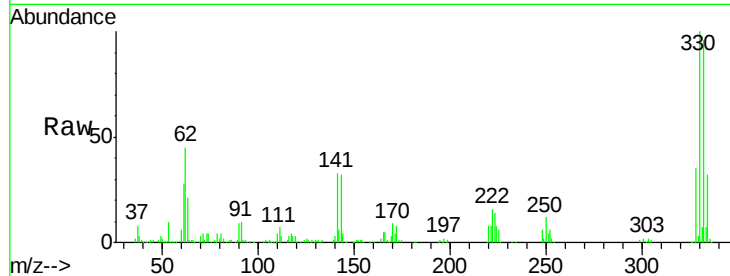




#41
 2,4,6-Tribromophenol
 Concen: 91.66 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

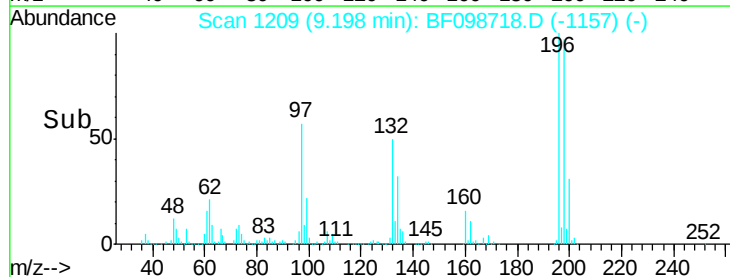
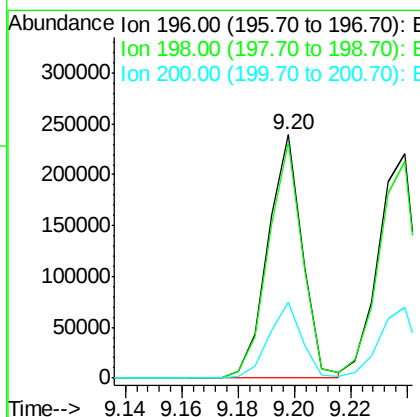
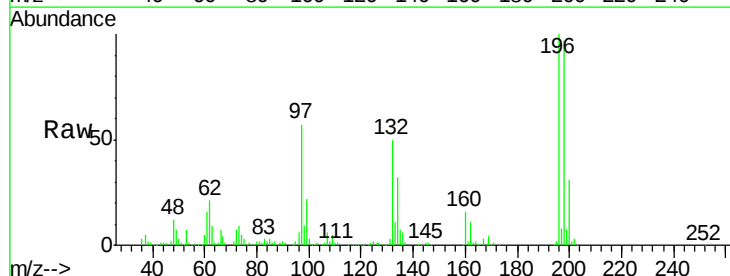
Instrument :
 BNA_F
 ClientSampleId :

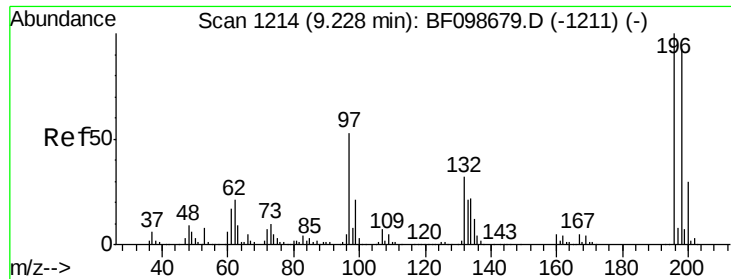
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	35.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.06 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	31.2	24.5	36.7

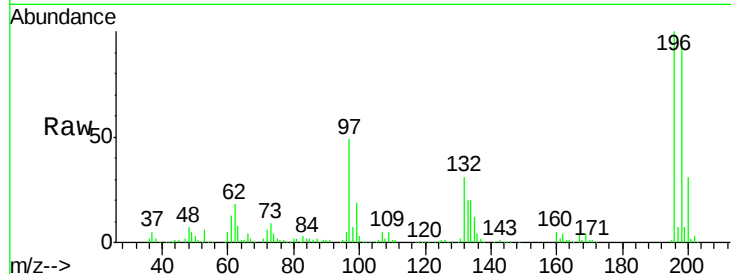




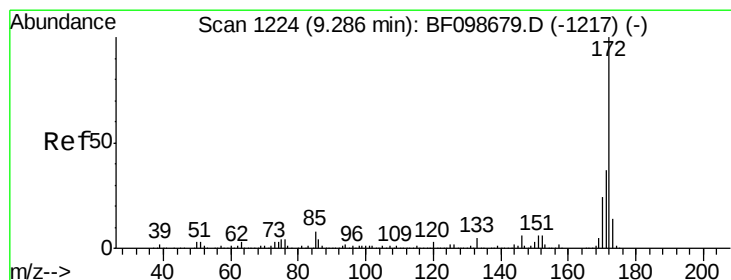
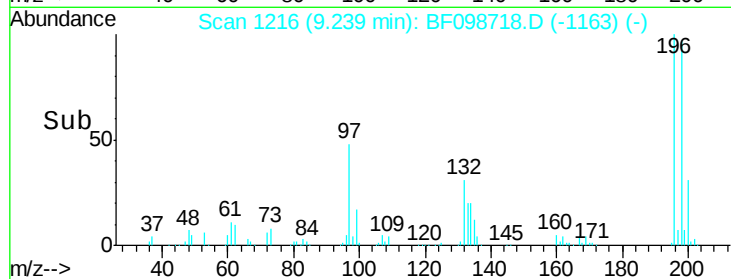
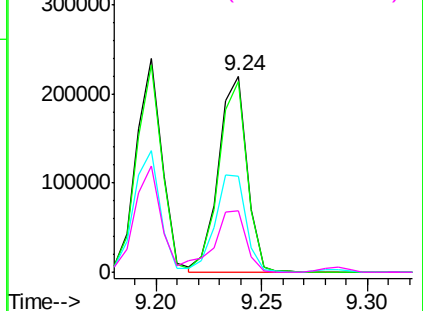
#43
 2,4,5-Trichlorophenol
 Concen: 35.87 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.6	112.0
97	48.6	42.9	64.3
132	31.3	26.3	39.5

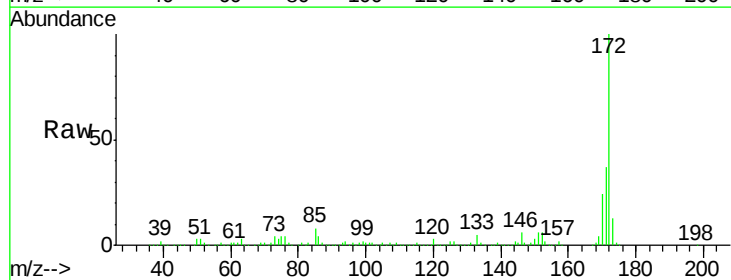


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

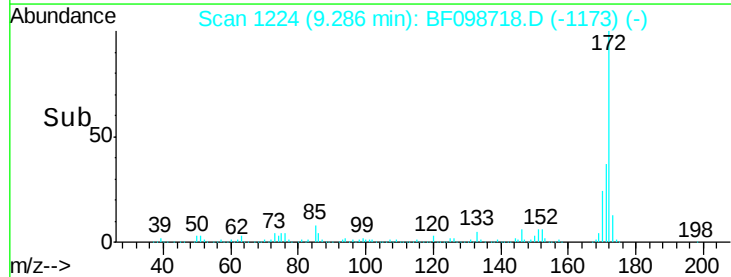
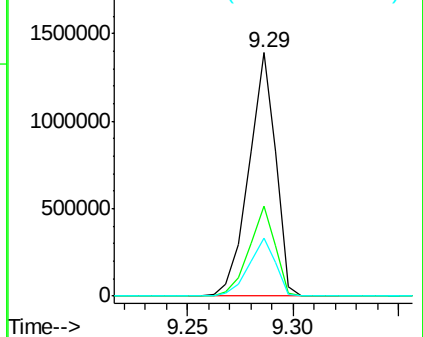


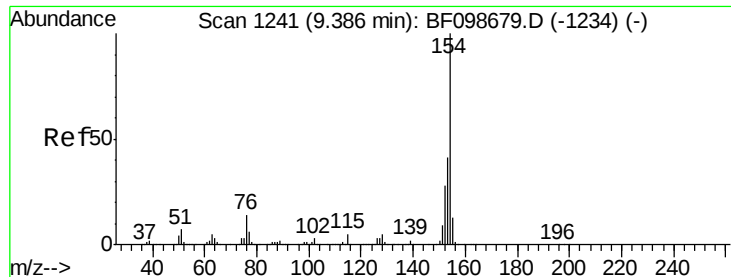
#44
 2-Fluorobiphenyl
 Concen: 69.27 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	23.9	19.6	29.4



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

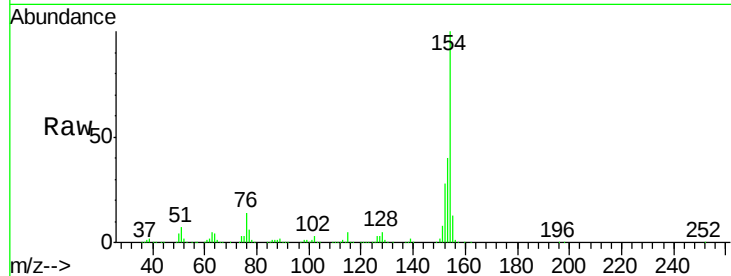




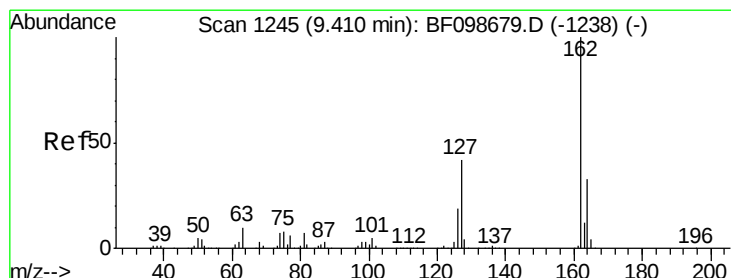
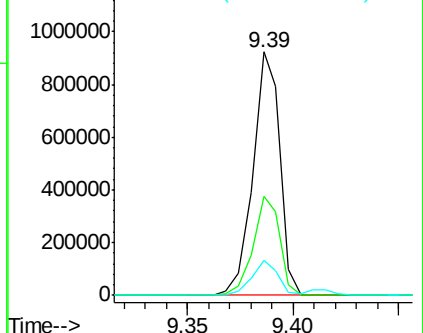
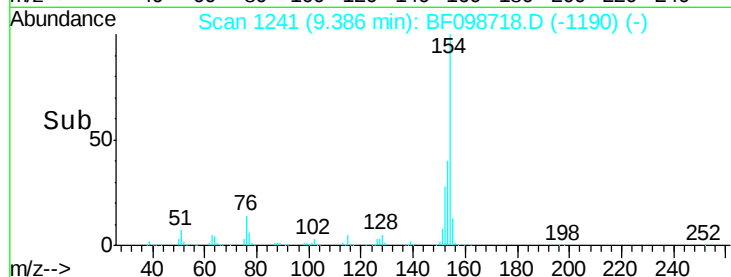
#45
 1,1'-Biphenyl
 Concen: 33.60 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	14.2	0.0	34.0

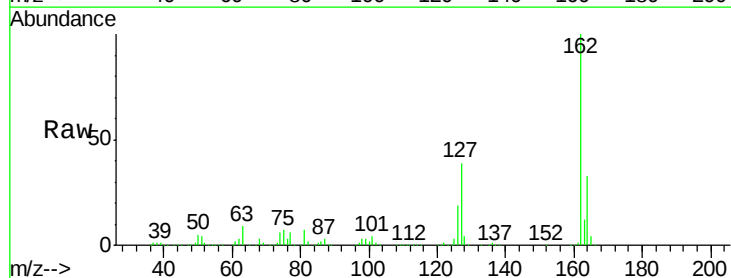


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

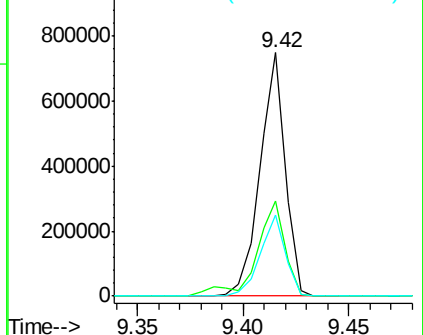
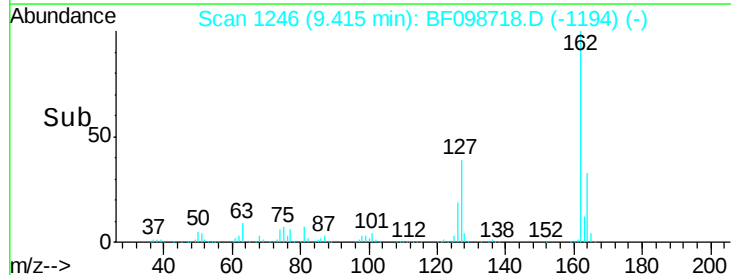


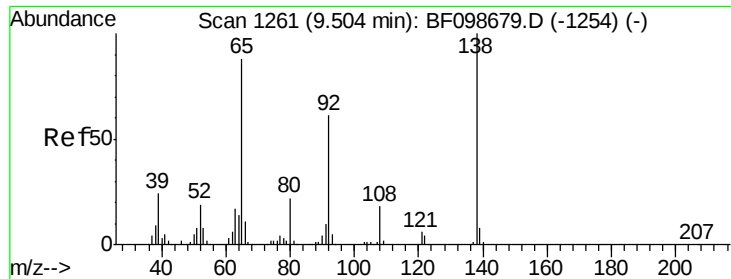
#46
 2-Chloronaphthalene
 Concen: 34.25 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.9	50.9
164	33.2	26.5	39.7



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

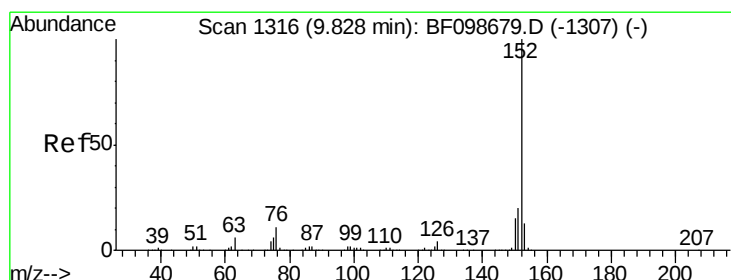
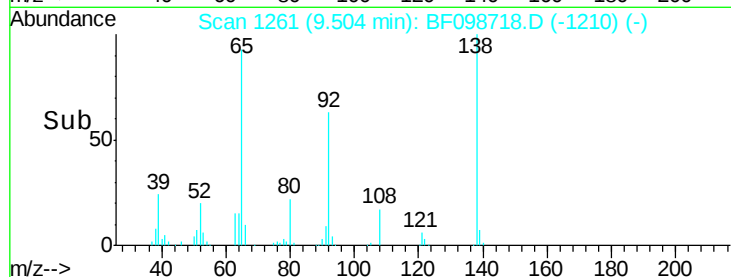
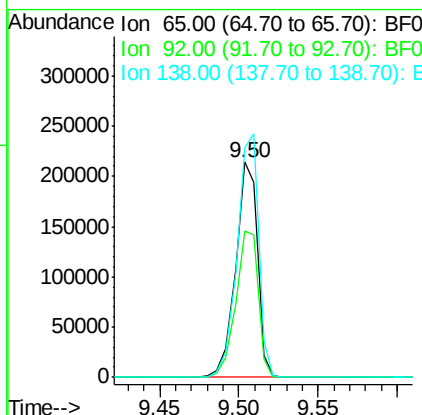
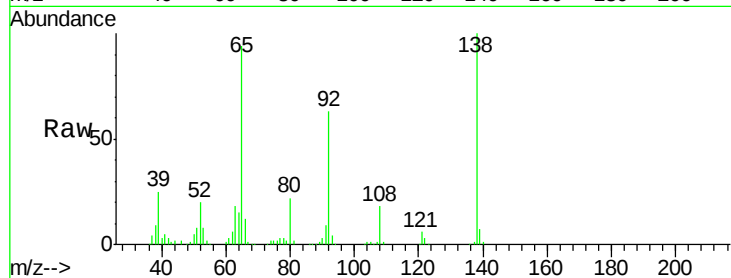




#47
2-Nitroaniline
Concen: 39.96 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

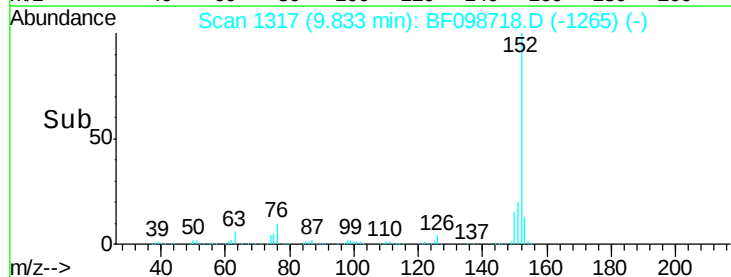
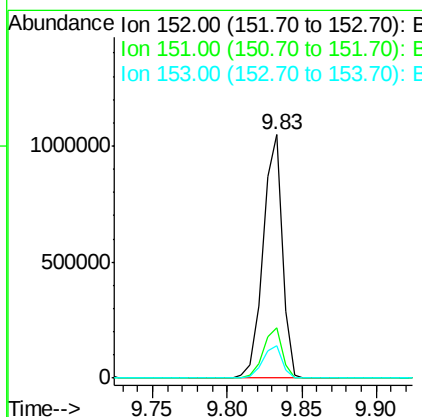
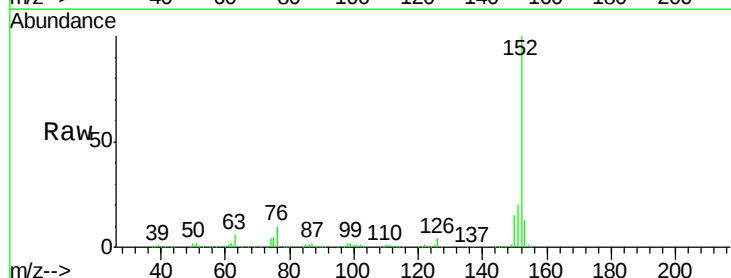
Instrument :
BNA_F
ClientSampled :

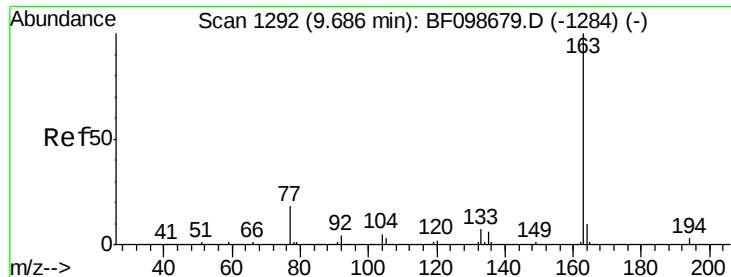
Tot Ion: 65 Resp: 203677
Ion Ratio Lower Upper
65 100
92 67.8 55.8 83.6
138 106.9 91.2 136.8



#48
Acenaphthylene
Concen: 32.97 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion: 152 Resp: 920660
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.7 16.1

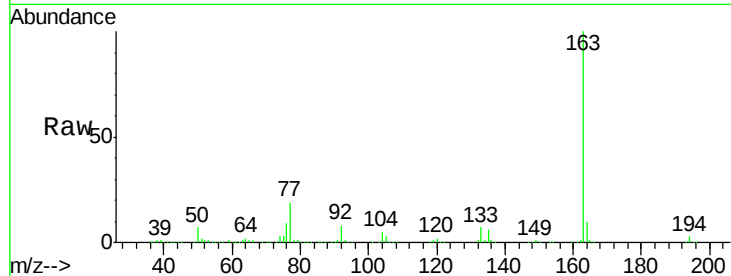




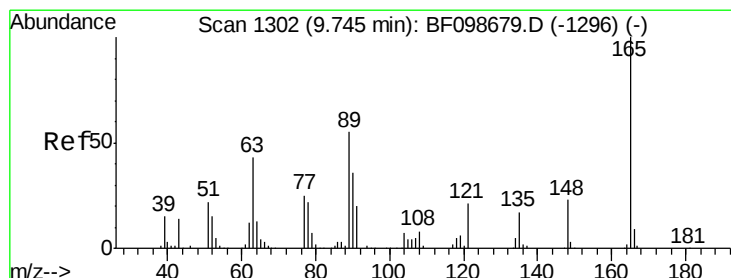
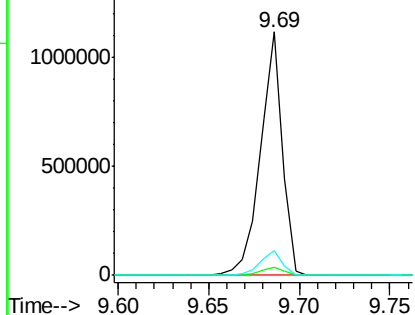
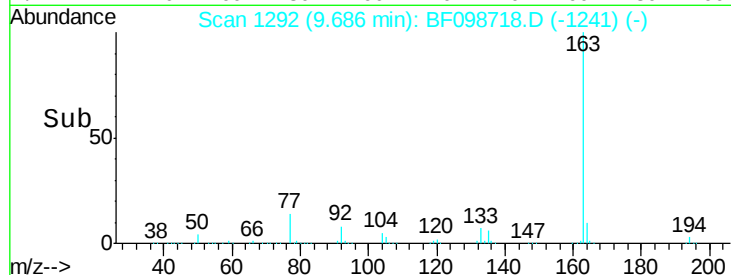
#49
 Dimethylphthalate
 Concen: 44.30 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2

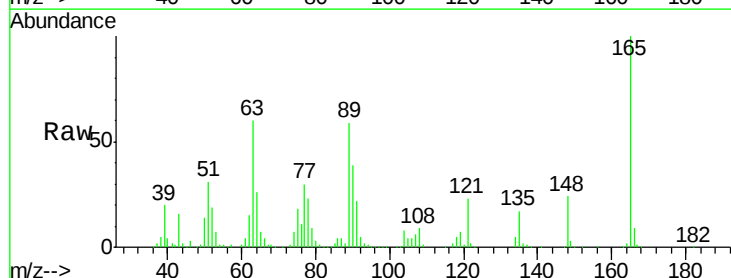


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

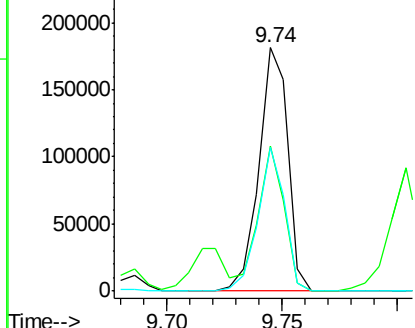
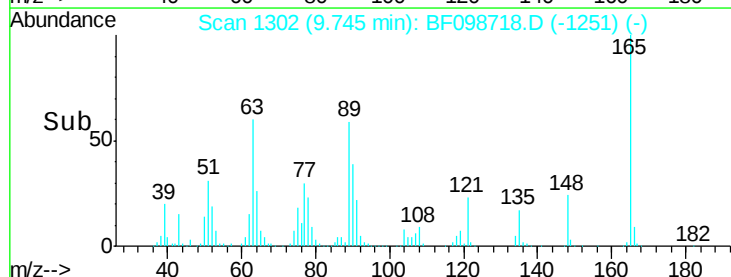


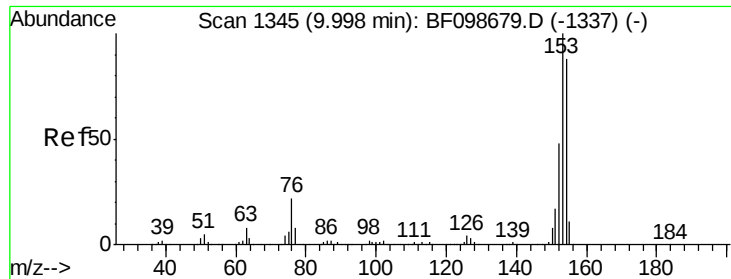
#50
 2,6-Dinitrotoluene
 Concen: 37.87 ng
 RT: 9.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.8	44.7	67.1
89	59.0	44.0	66.0



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: 32.06 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

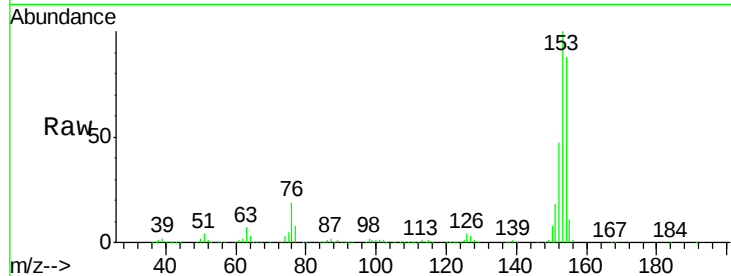
Tot Ion:154 Resp: 555651

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

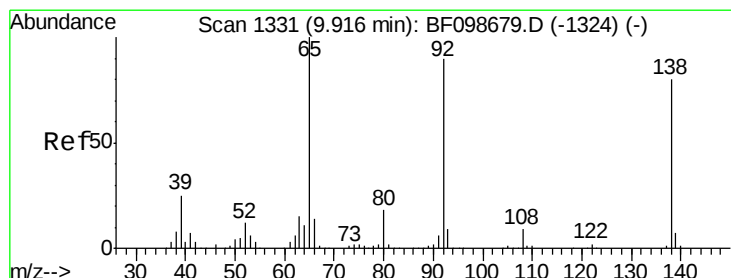
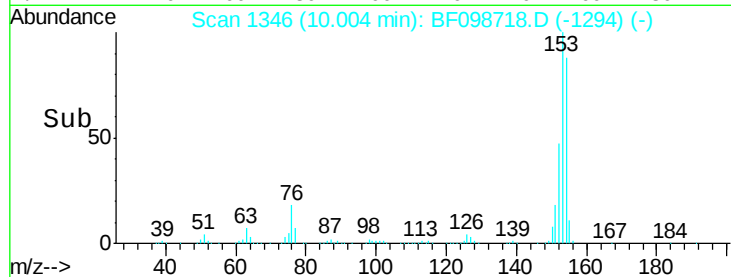
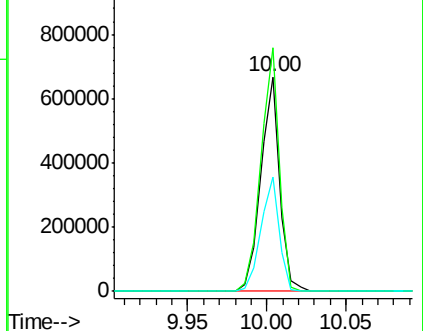
152 53.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.78 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

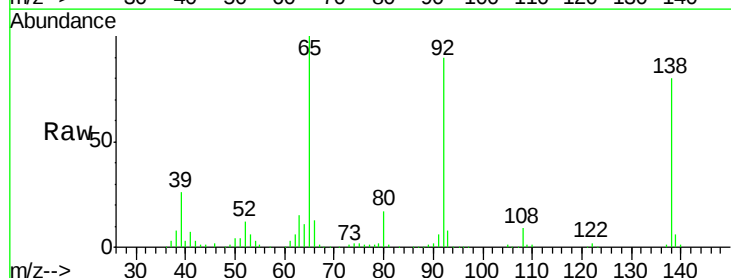
Tgt Ion:138 Resp: 157984

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

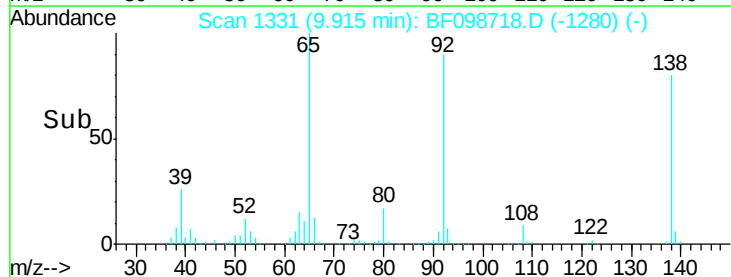
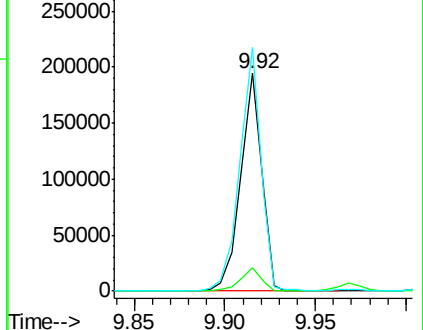
92 112.0 89.4 134.2

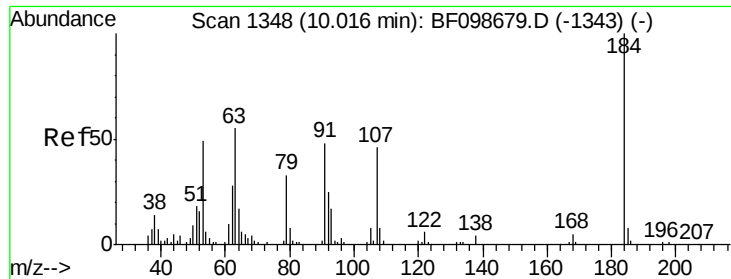


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

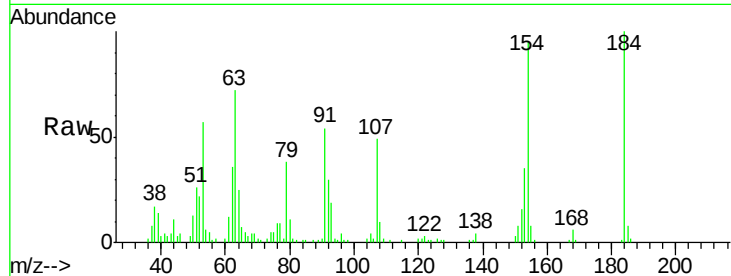




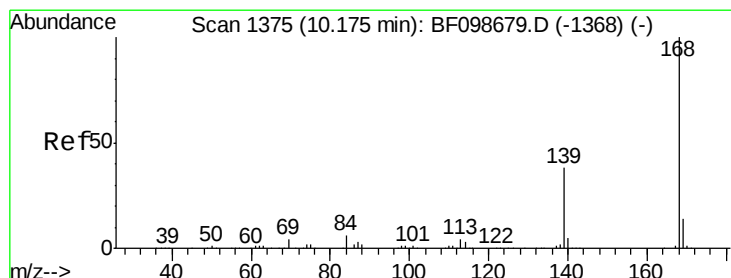
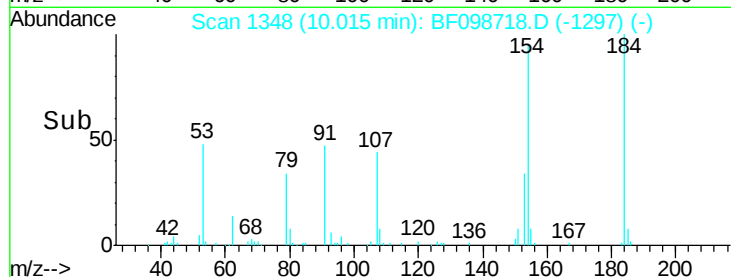
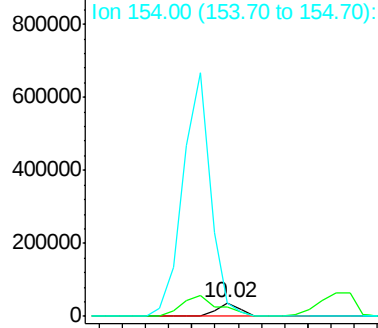
#53
 2,4-Dinitrophenol
 Concen: 24.84 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 26850
 Ion Ratio Lower Upper
 184 100
 63 72.3 54.2 81.2
 154 95.2 53.5 80.3#

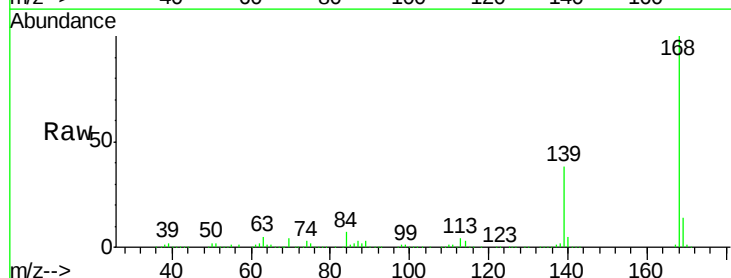


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

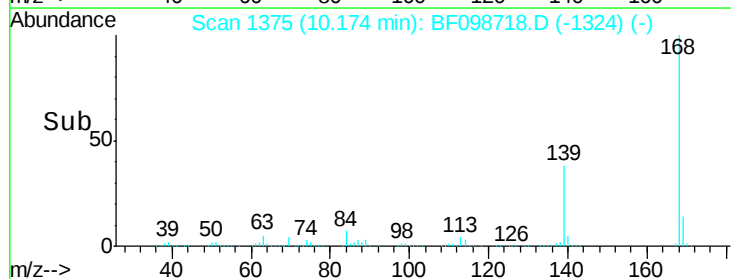
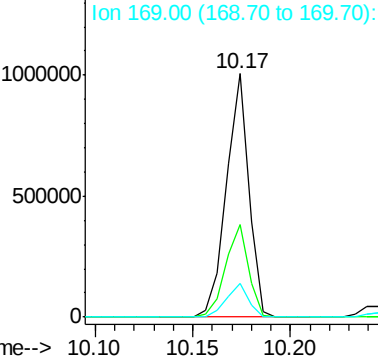


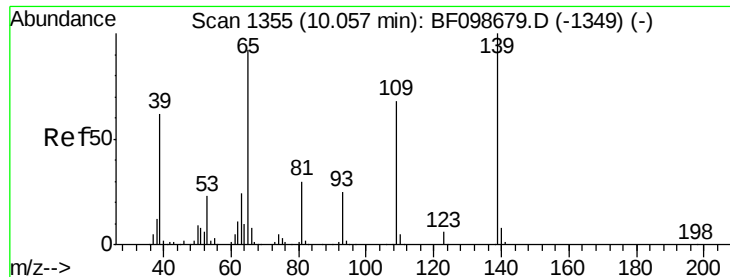
#54
 Dibenzofuran
 Concen: 33.89 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion:168 Resp: 802091
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.6 10.9 16.3



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: 62.85 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

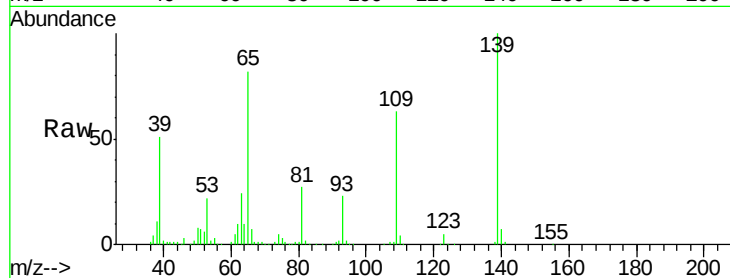
Tot Ion:139 Resp: 271886

Ion Ratio Lower Upper

139 100

109 63.1 48.4 88.4

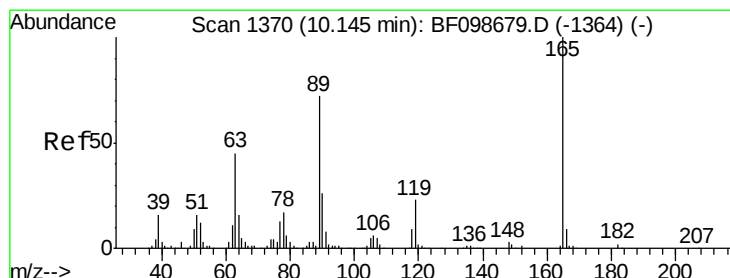
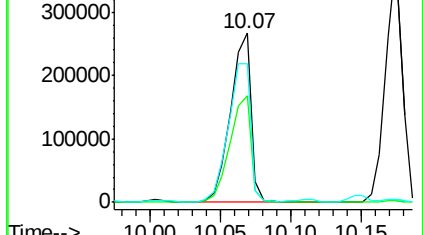
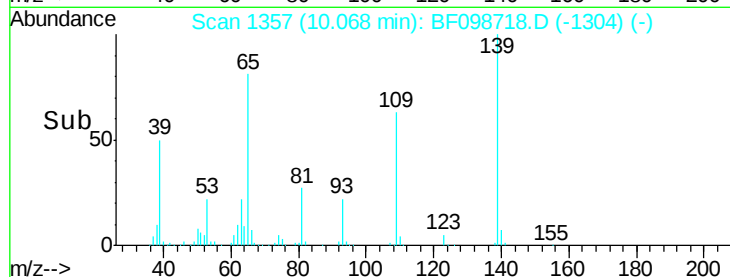
65 81.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.95 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Tgt Ion:165 Resp: 195801

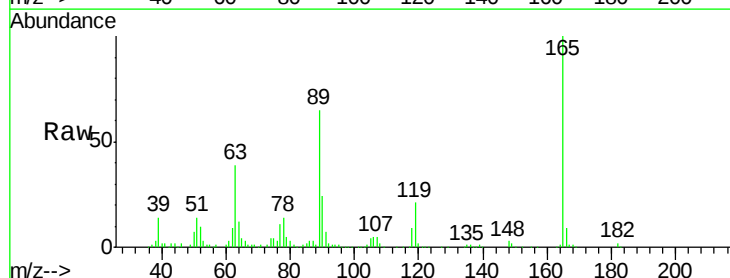
Ion Ratio Lower Upper

165 100

63 38.8 36.4 54.6

89 64.6 57.8 86.6

182 2.3 1.6 2.4

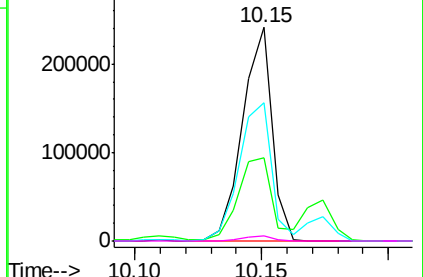
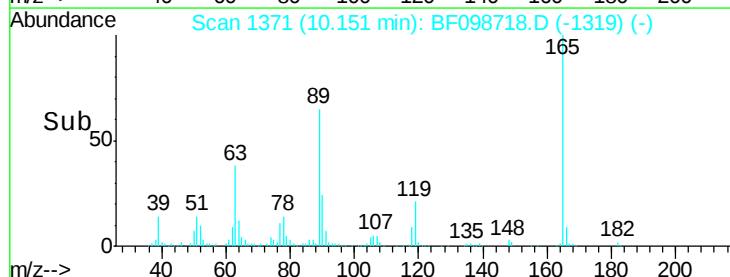


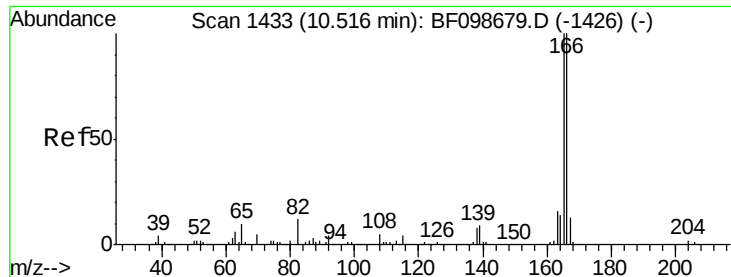
Abundance Ion 165.00 (164.70 to 165.70): E

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

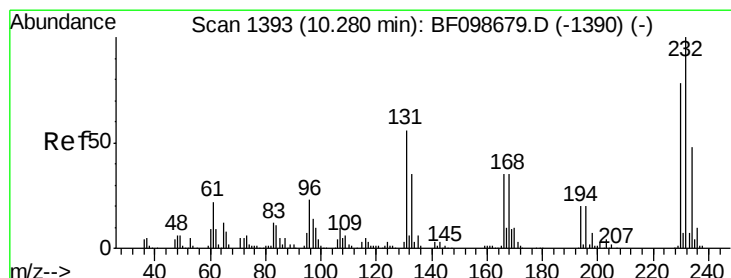
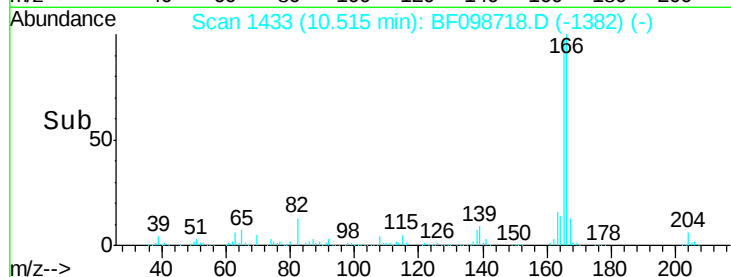
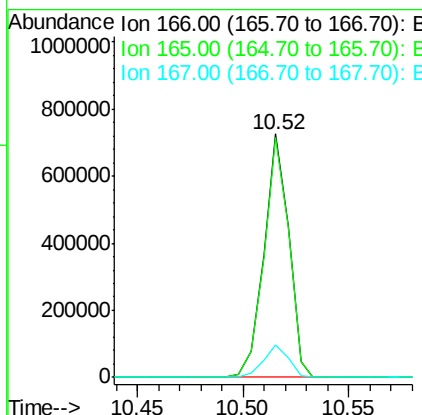
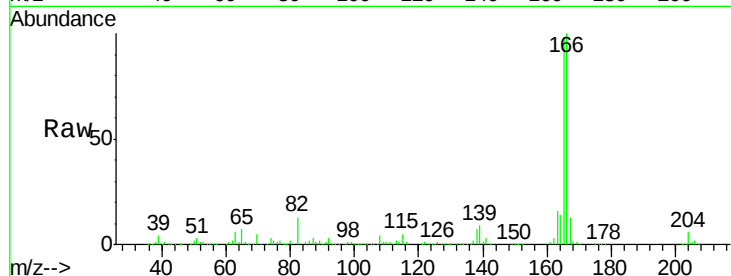




#57
 Fluorene
 Concen: 31.21 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

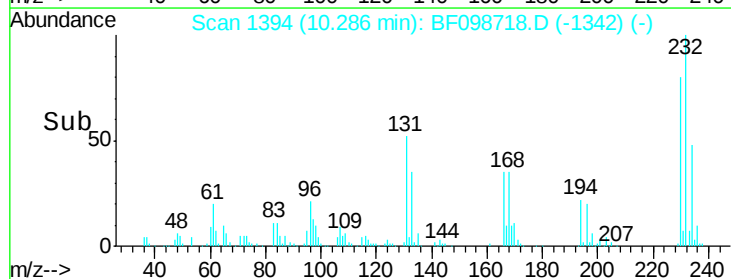
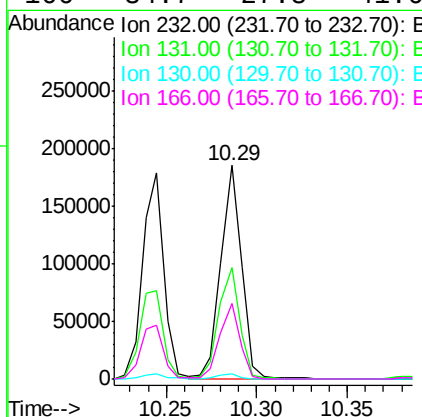
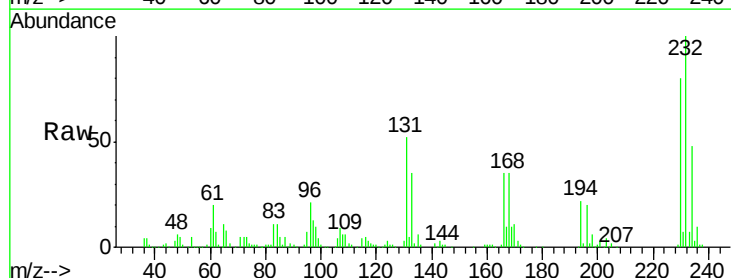
Instrument :
 BNA_F
 ClientSampled :

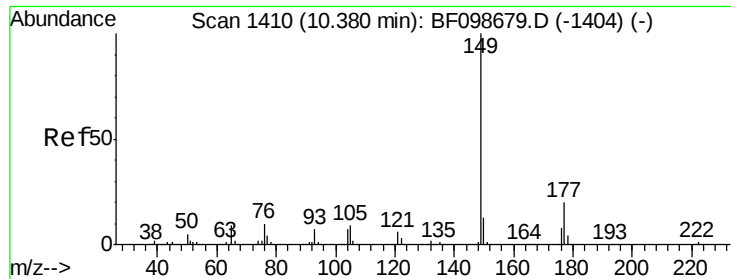
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.09 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.7	43.8	65.8
130	2.6	2.1	3.1
166	34.7	27.8	41.6

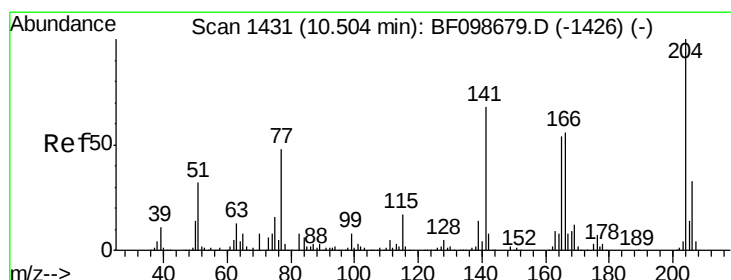
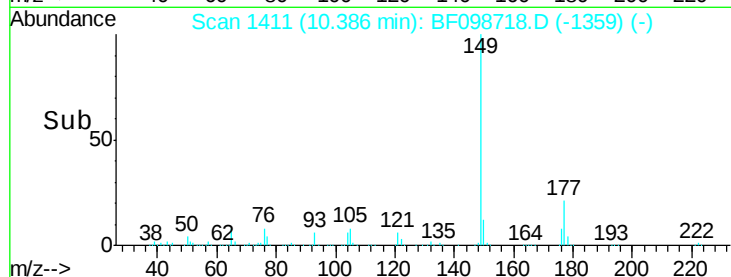
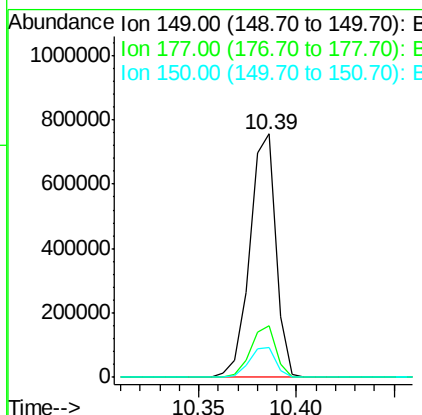
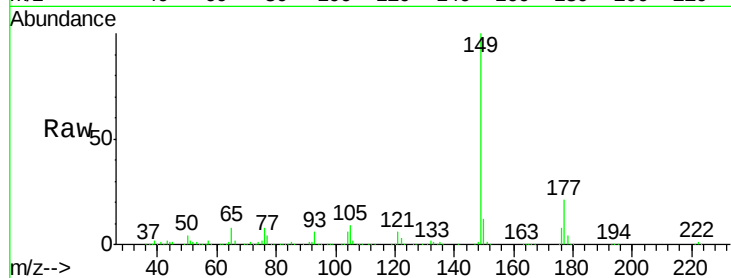




#59
Diethylphthalate
Concen: 33.79 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

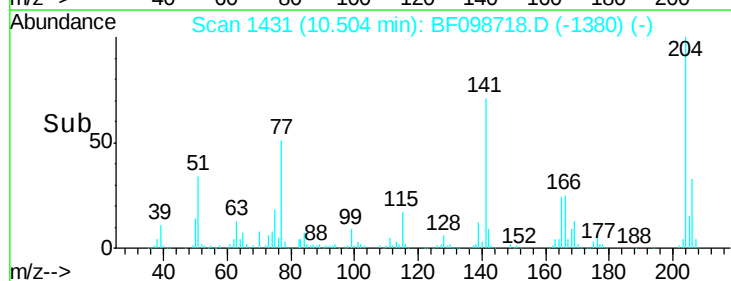
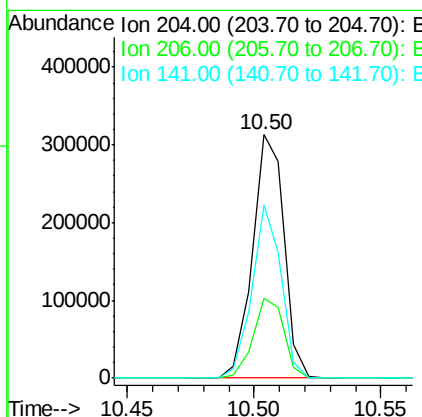
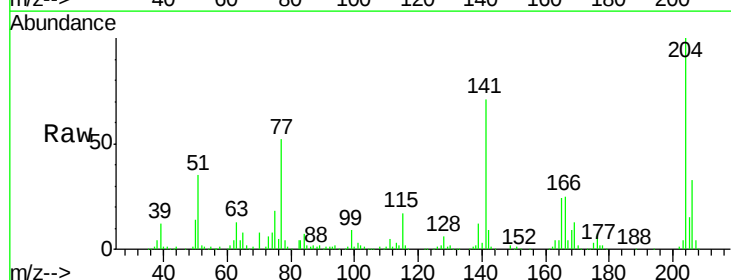
Instrument :
BNA_F
ClientSampleId :

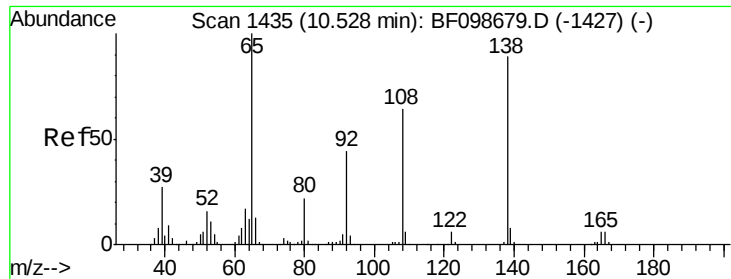
Tot Ion:149 Resp: 699839
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.28 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion:204 Resp: 269002
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 71.0 54.6 81.8

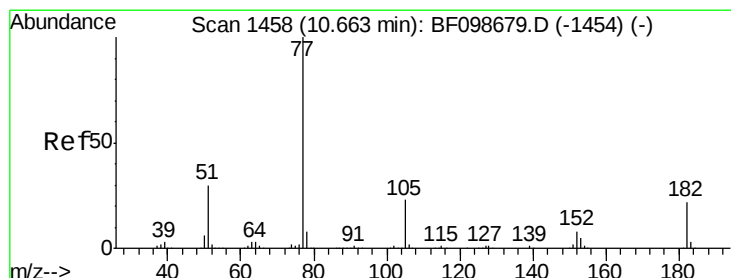
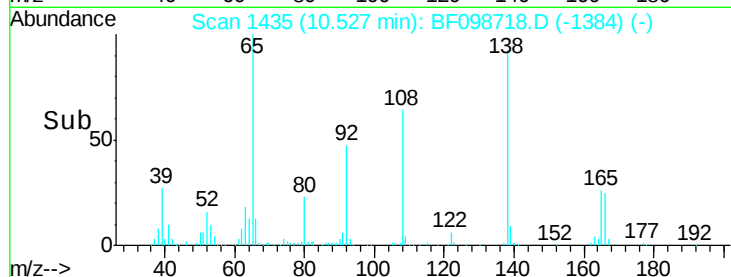
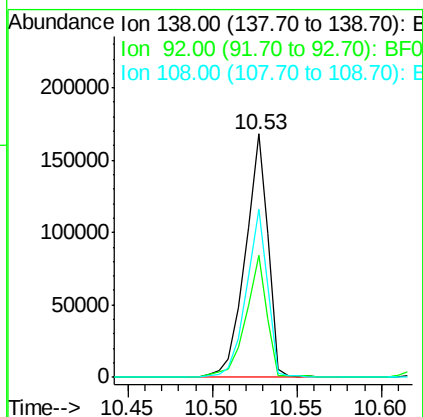
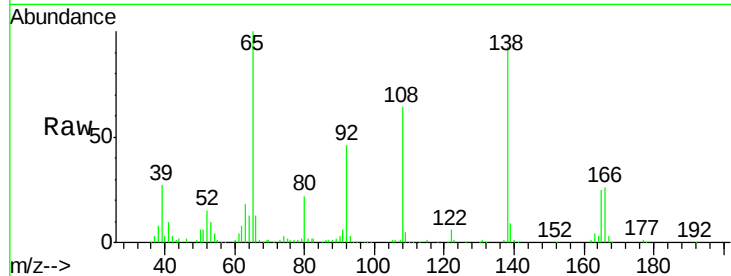




#61
4-Nitroaniline
Concen: 33.11 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

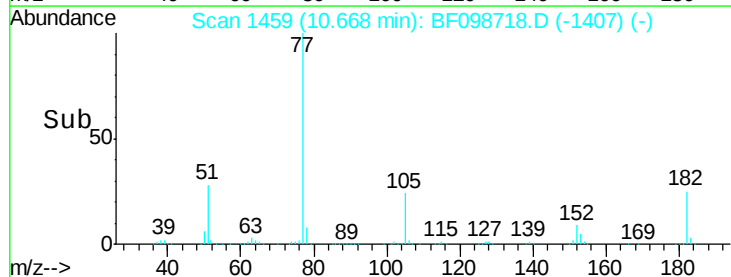
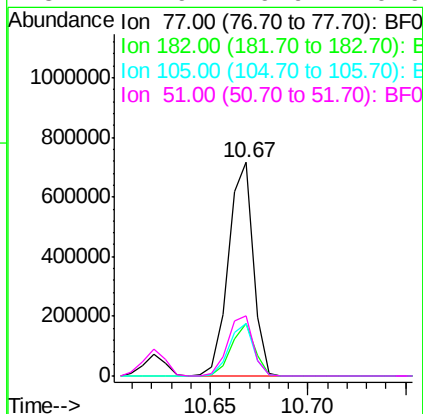
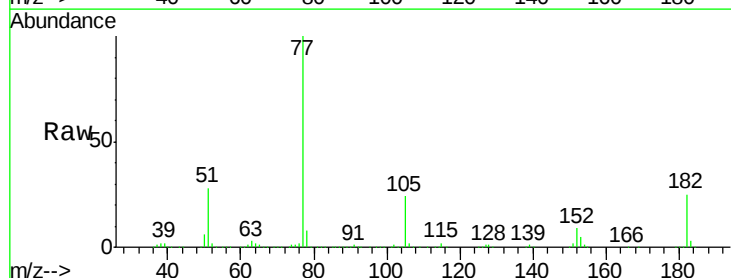
Instrument :
BNA_F
ClientSampleId :

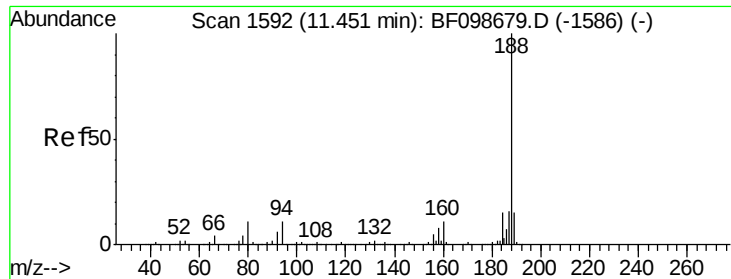
Tot Ion:138 Resp: 157860
Ion Ratio Lower Upper
138 100
92 50.0 30.2 70.2
108 68.8 52.5 92.5



#62
Azobenzene
Concen: 32.56 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion: 77 Resp: 630630
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 24.4 3.0 43.0
51 27.9 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

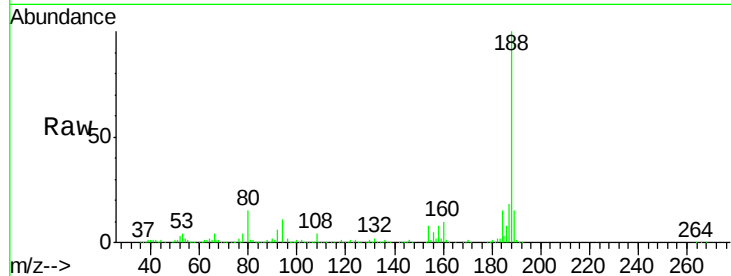
Tot Ion:188 Resp: 394489

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

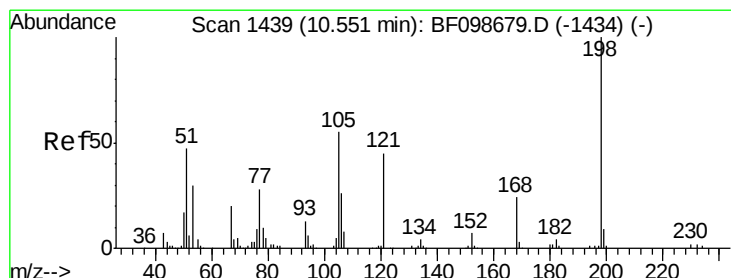
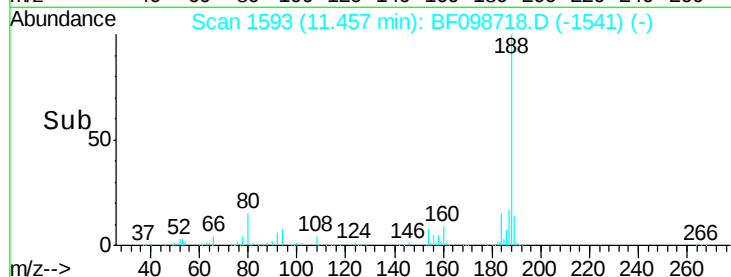
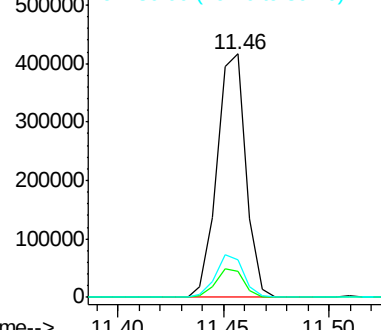
80 15.3 9.2 13.8#



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: 18.78 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

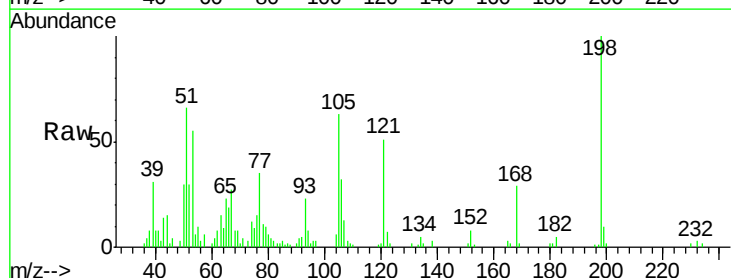
Tgt Ion:198 Resp: 23785

Ion Ratio Lower Upper

198 100

51 65.9 37.7 77.7

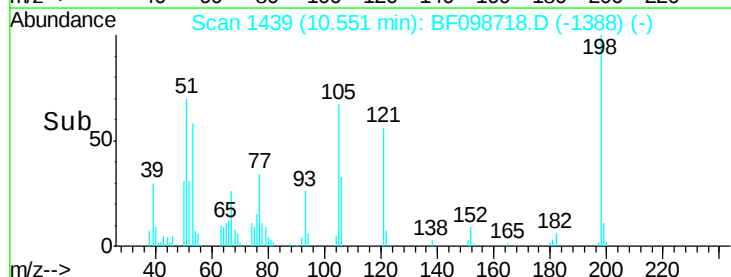
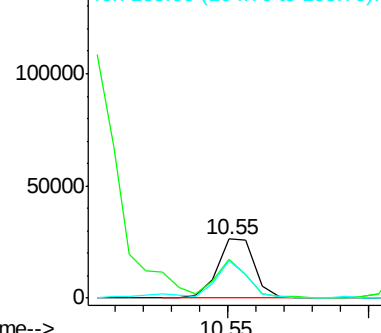
105 63.2 36.3 76.3

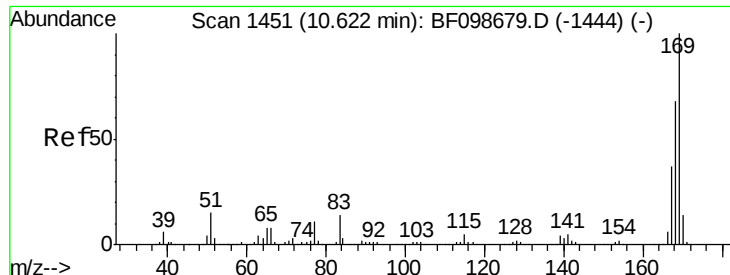


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

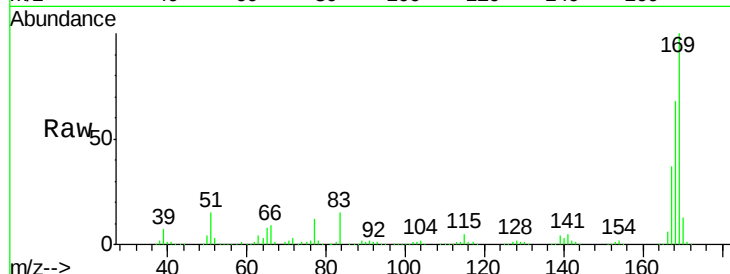




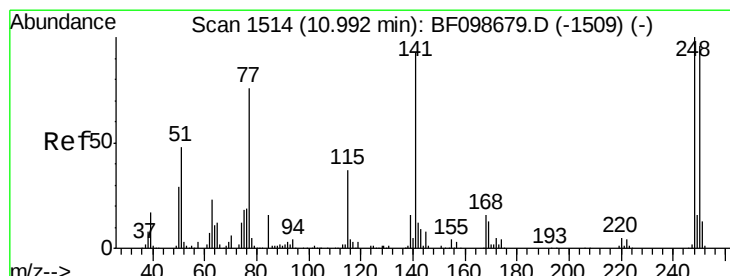
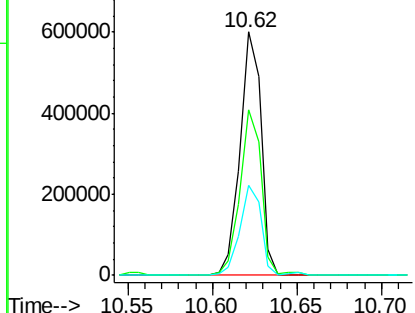
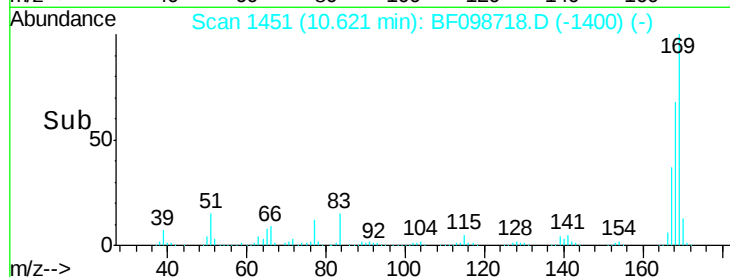
#65
 n-Nitrosodiphenylamine
 Concen: 38.40 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	36.8	29.8	44.6

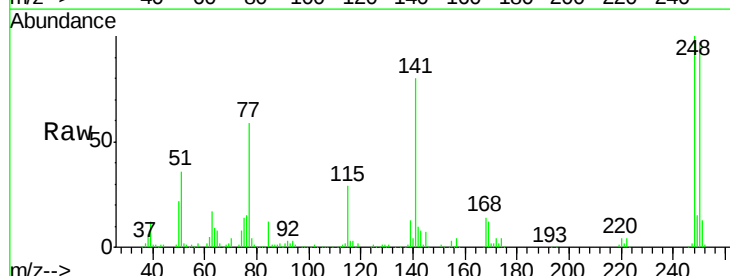


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

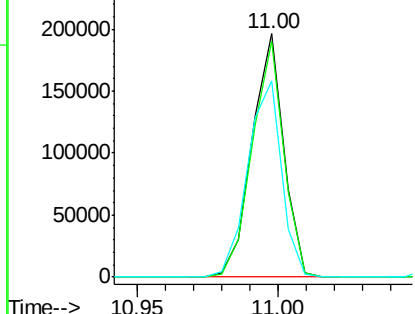
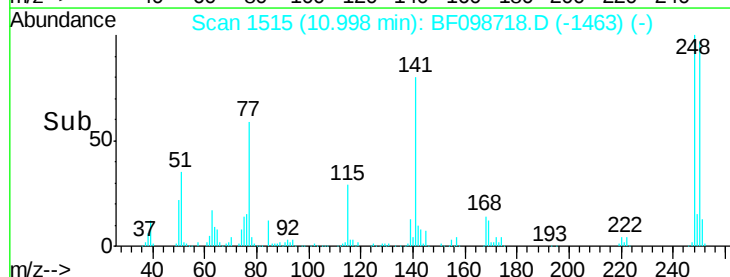


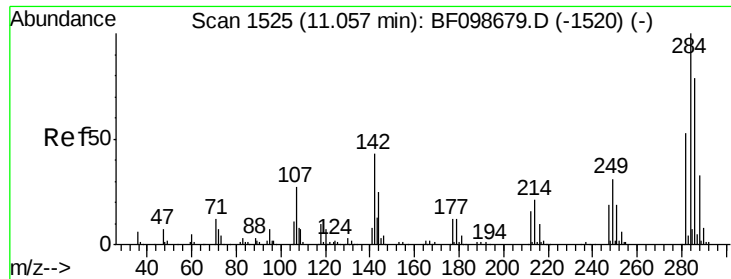
#66
 4-Bromophenyl-phenylether
 Concen: 38.44 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	80.4	74.4	111.6



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

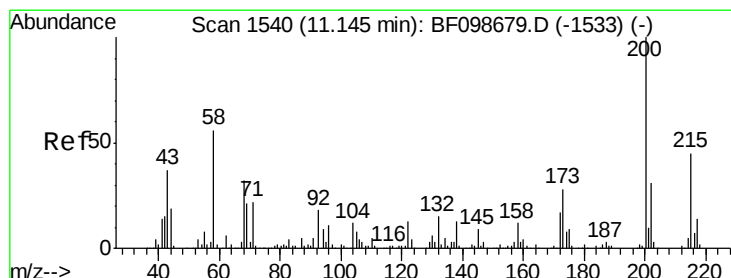
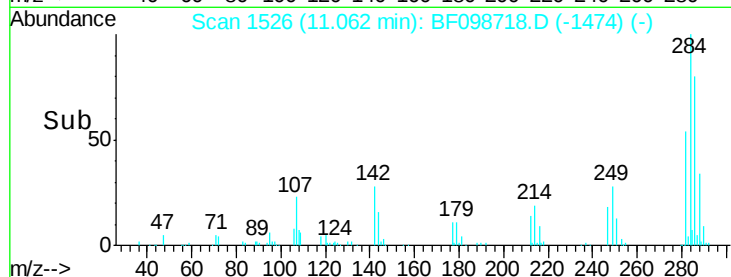
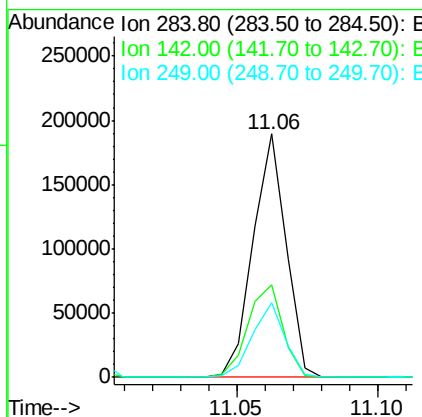
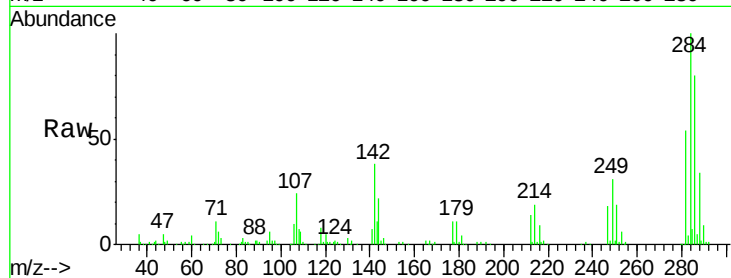




#67
Hexachlorobenzene
Concen: 33.85 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

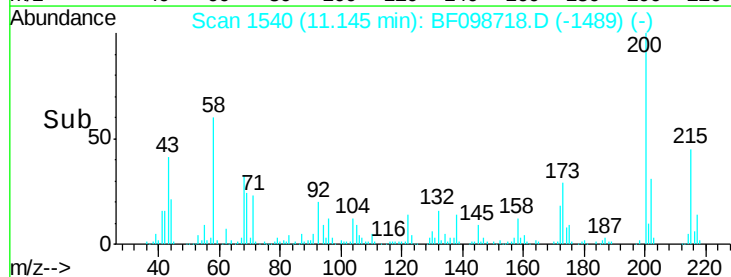
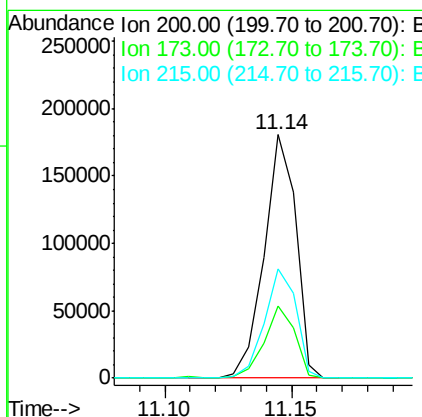
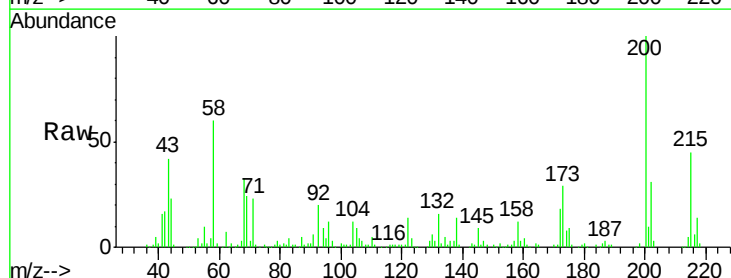
Instrument :
BNA_F
ClientSampled :

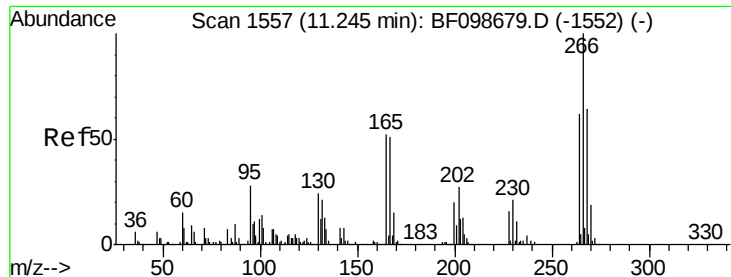
Tot Ion:284 Resp: 153641
Ion Ratio Lower Upper
284 100
142 37.9 34.6 52.0
249 30.9 24.8 37.2



#68
Atrazine
Concen: 38.47 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion:200 Resp: 157131
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 44.7 25.1 65.1

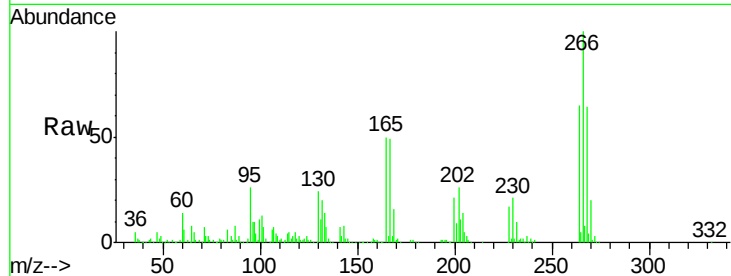




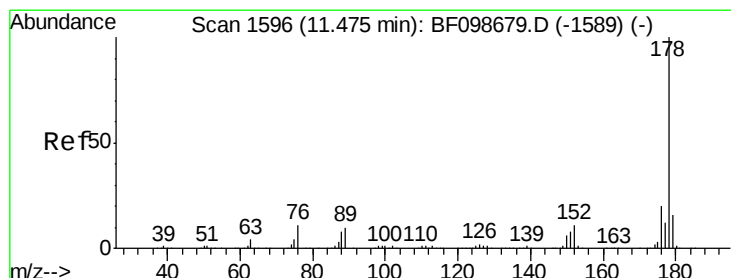
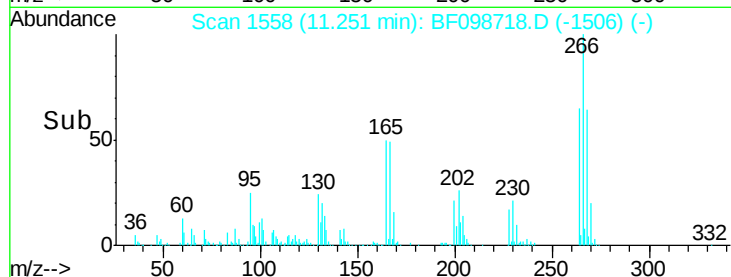
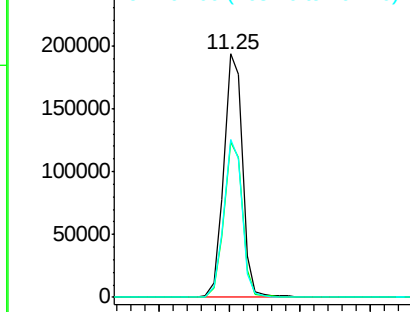
#69
 Pentachlorophenol
 Concen: 68.92 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 178795
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 64.8 49.5 74.3

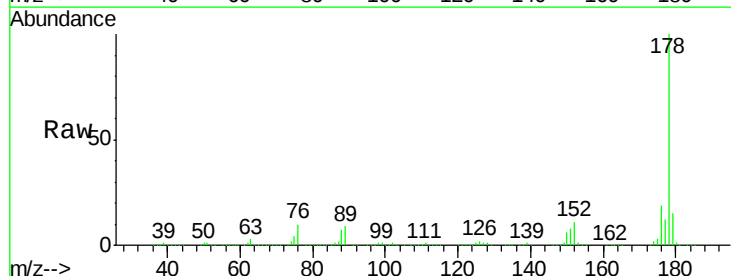


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

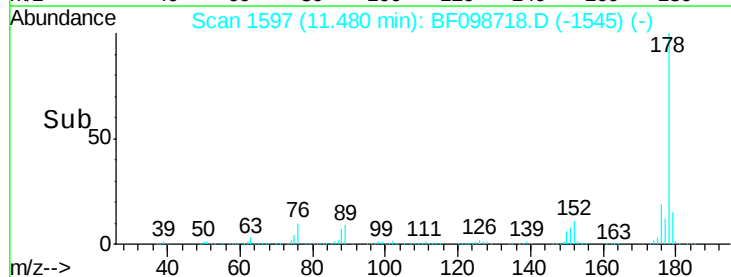
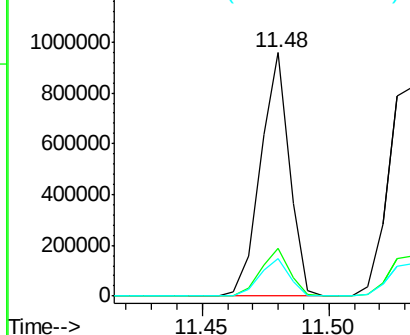


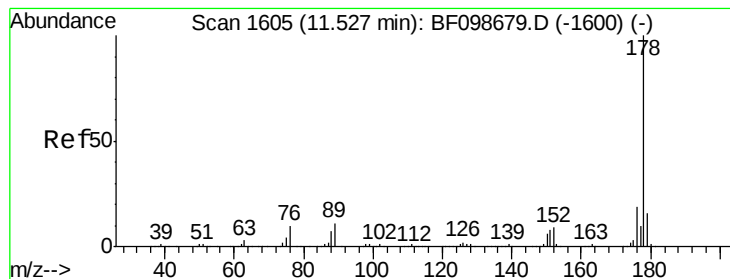
#70
 Phenanthrene
 Concen: 35.70 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF098718.D
 Acq: 23 Sep 2017 1:31

Tgt Ion:178 Resp: 764087
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.56 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

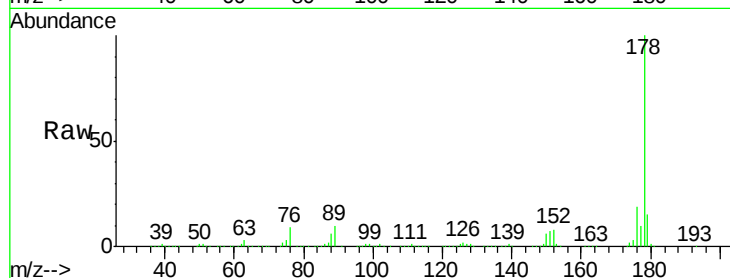
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 754163

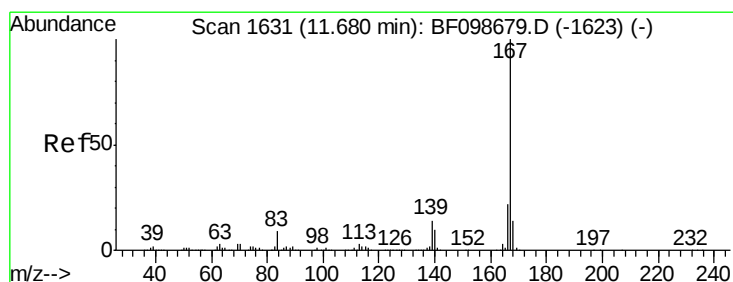
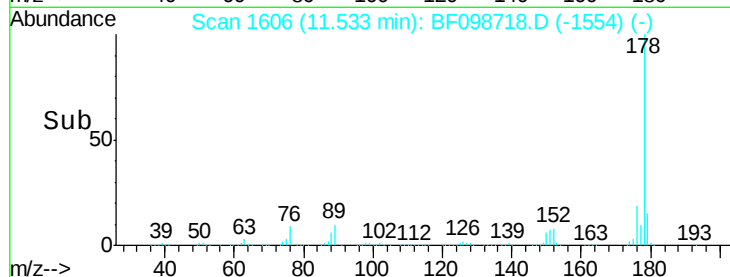
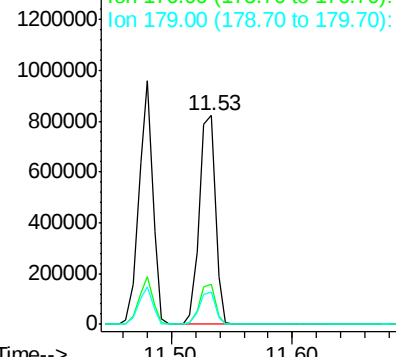
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.56 ng

RT: 11.68 min Scan# 1631

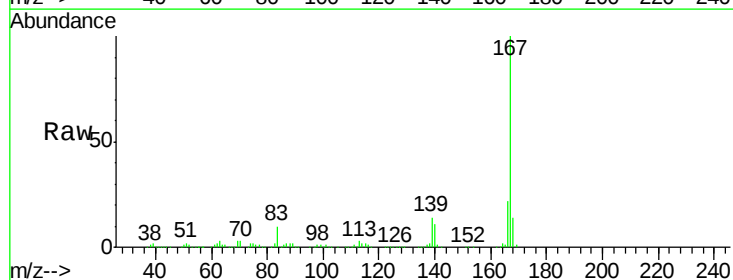
Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Tgt Ion:167 Resp: 715612

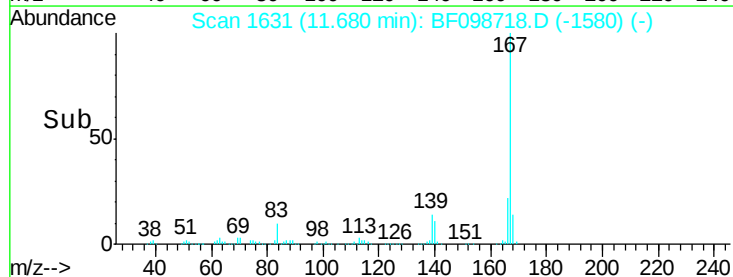
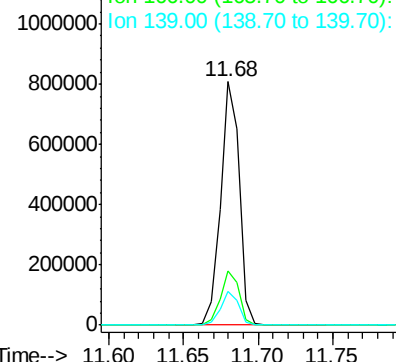
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.0	10.9	16.3

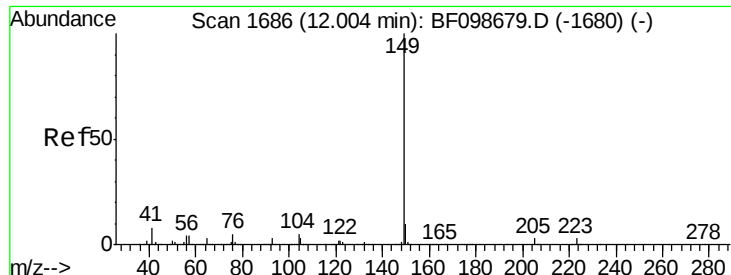


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.98 ng

RT: 12.01 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

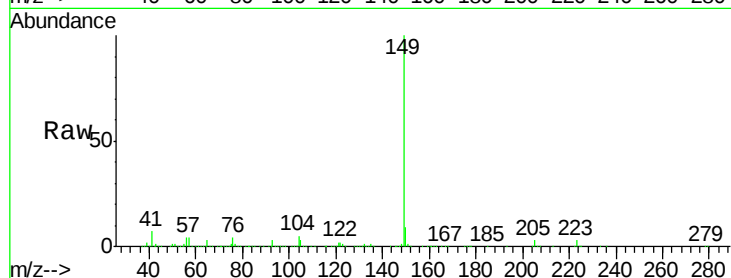
Tot Ion:149 Resp: 891093

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

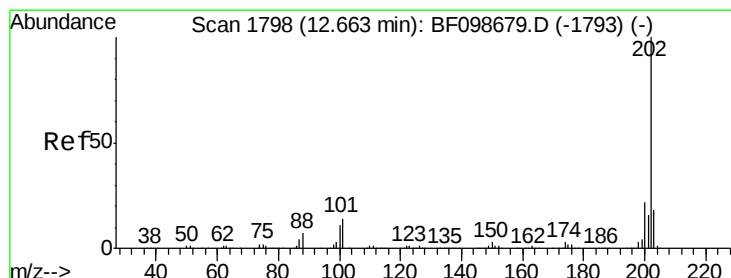
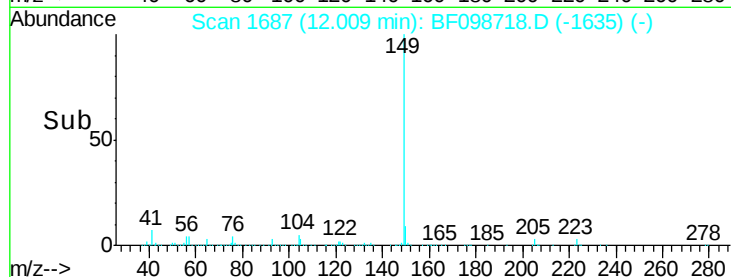
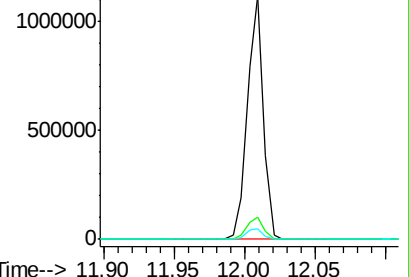
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.88 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

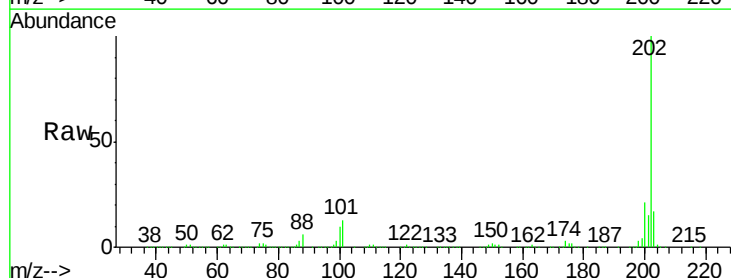
Tgt Ion:202 Resp: 743908

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

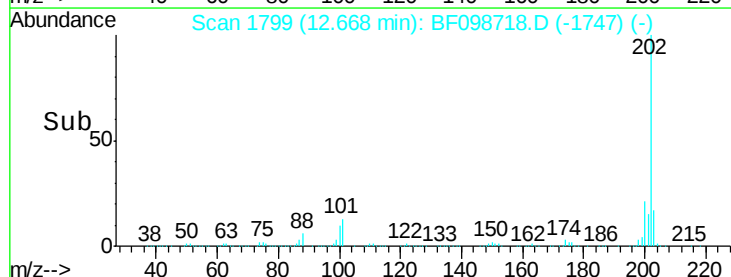
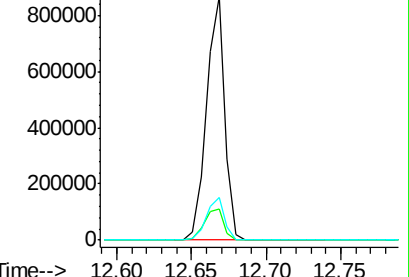
203 17.3 0.0 38.1

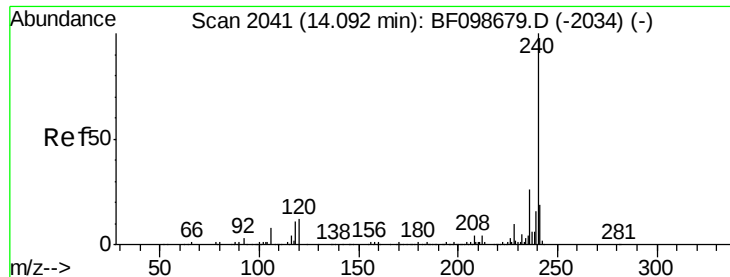


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

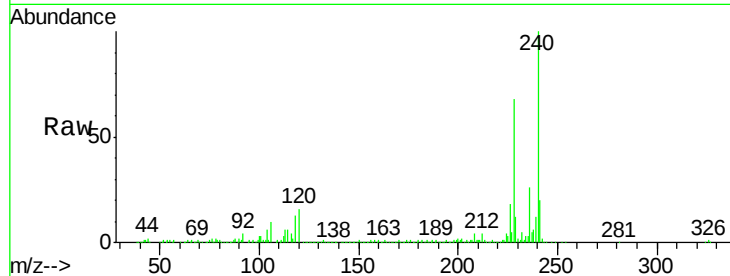
Tot Ion:240 Resp: 335779

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

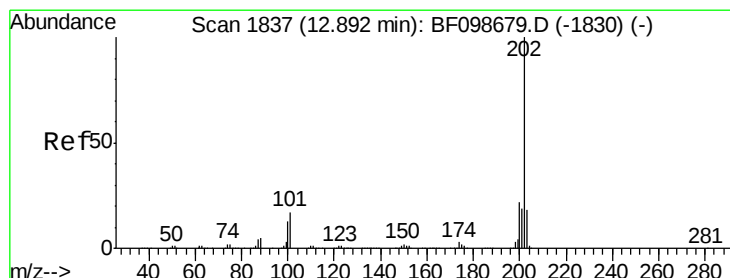
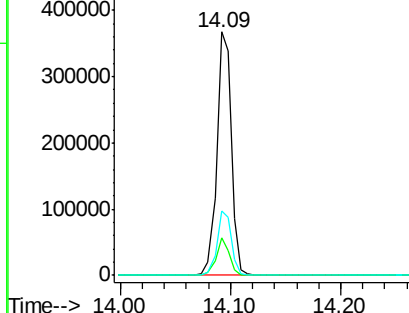
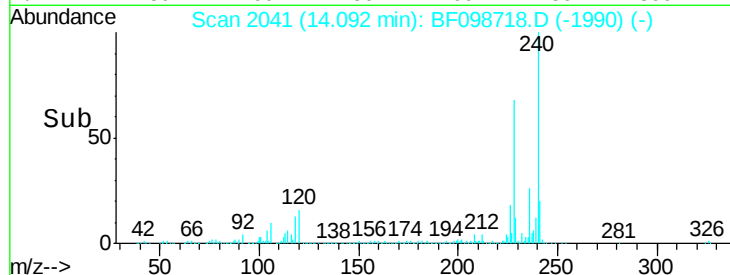
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 31.08 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

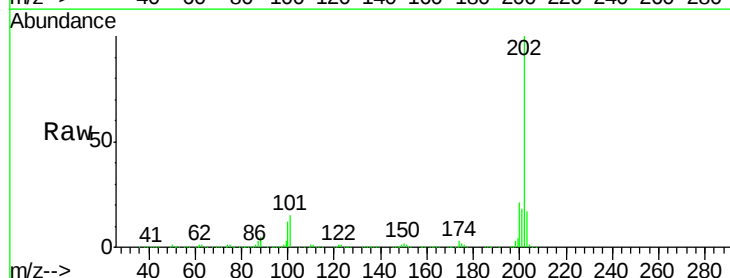
Tgt Ion:202 Resp: 774796

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

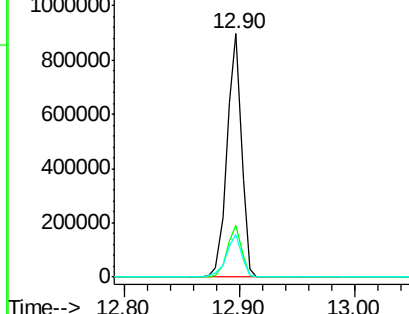
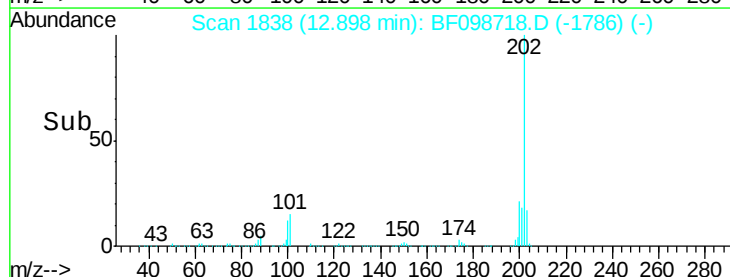
203 17.4 14.3 21.5

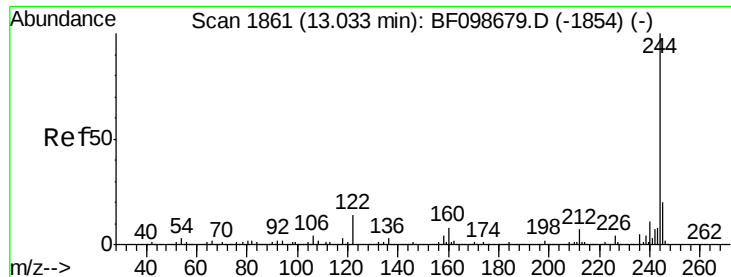


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.69 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

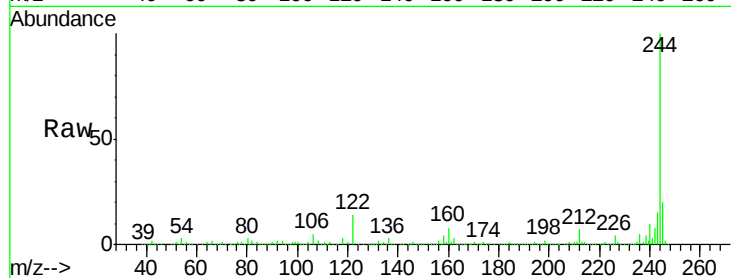
Tot Ion:244 Resp: 870856

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

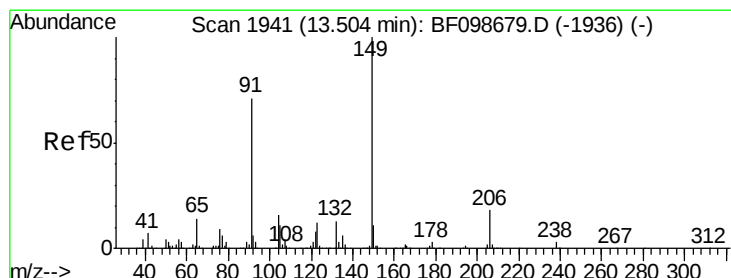
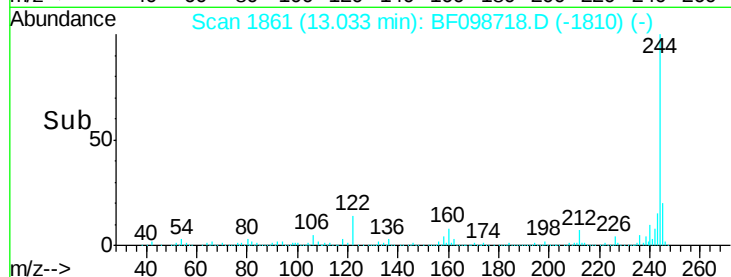
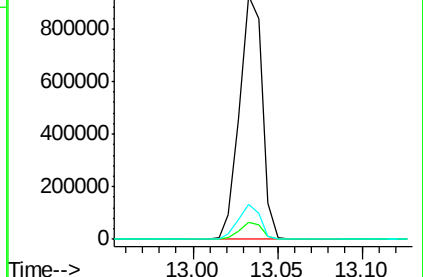
122 14.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 33.35 ng

RT: 13.51 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

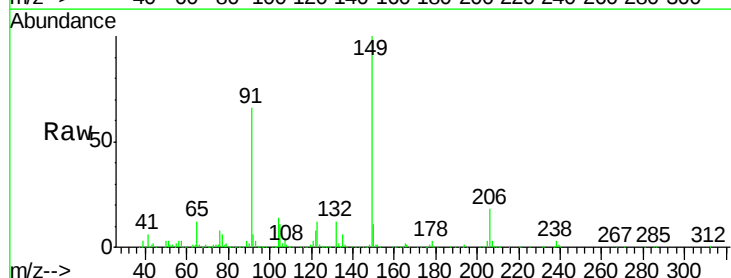
Tgt Ion:149 Resp: 343891

Ion Ratio Lower Upper

149 100

91 66.3 56.8 85.2

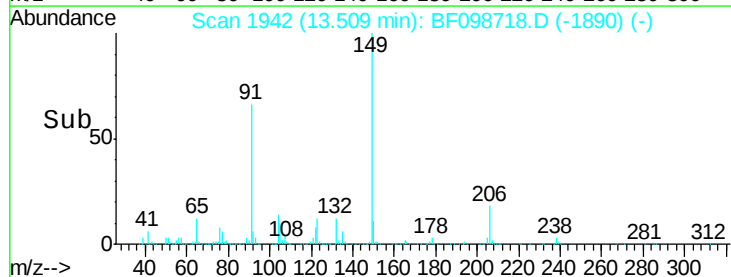
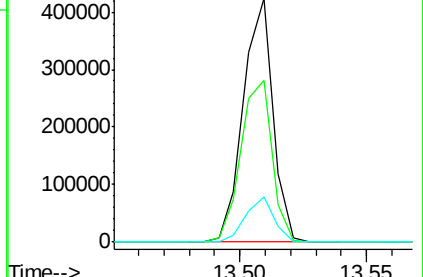
206 18.5 14.1 21.1

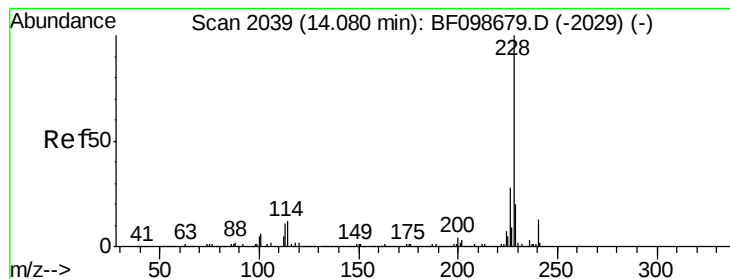


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 34.41 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

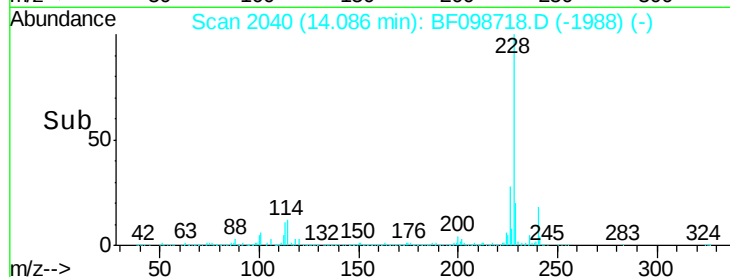
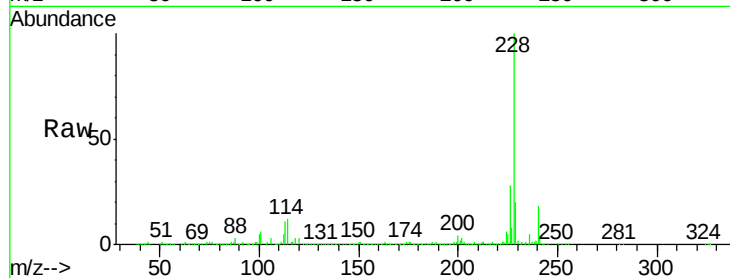
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 695908

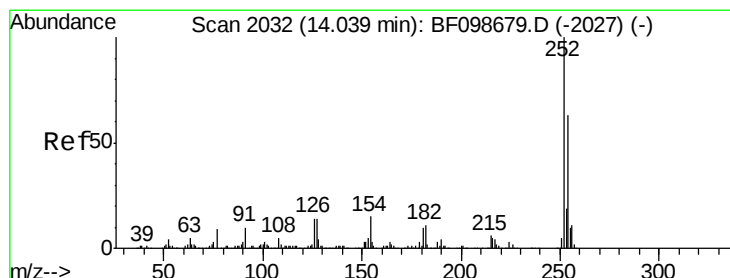
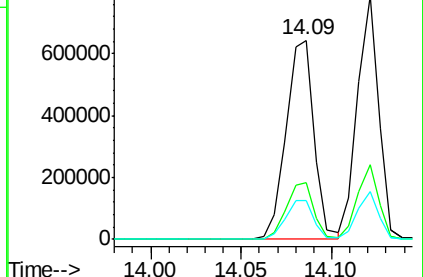
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.6	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 22.20 ng

RT: 14.04 min Scan# 2033

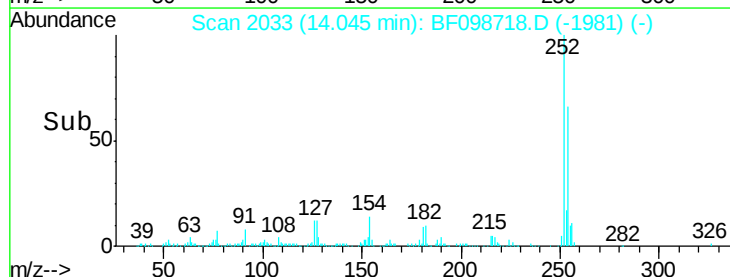
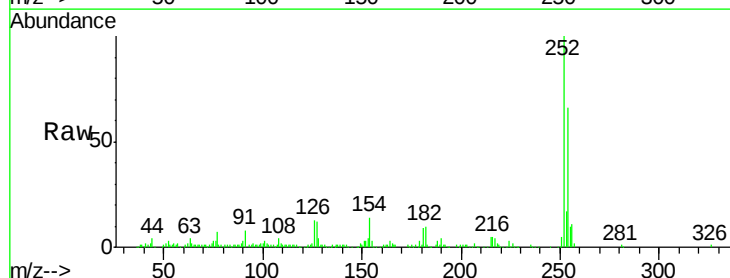
Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Tgt Ion:252 Resp: 160224

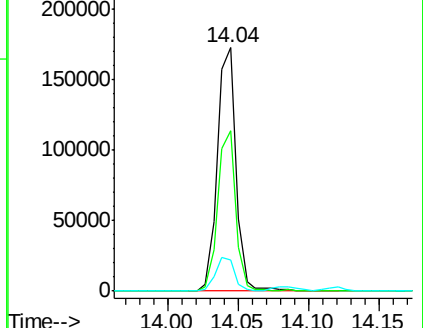
Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	12.6	11.3	16.9

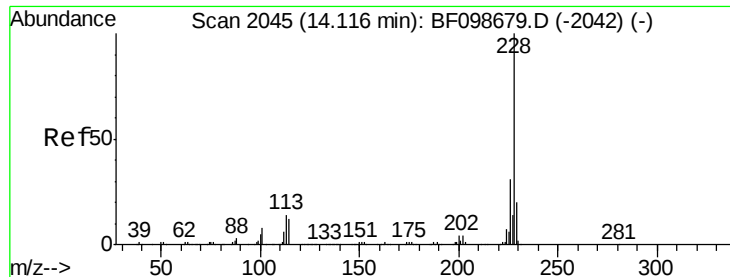


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.07 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

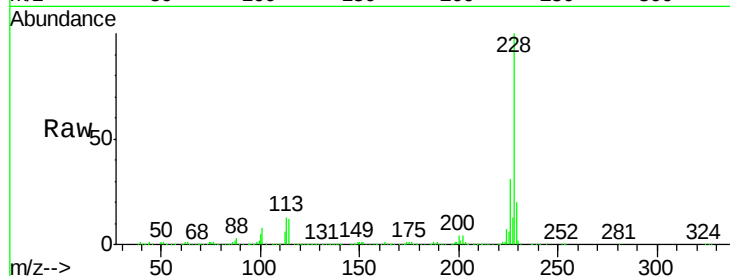
Tot Ion:228 Resp: 645962

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

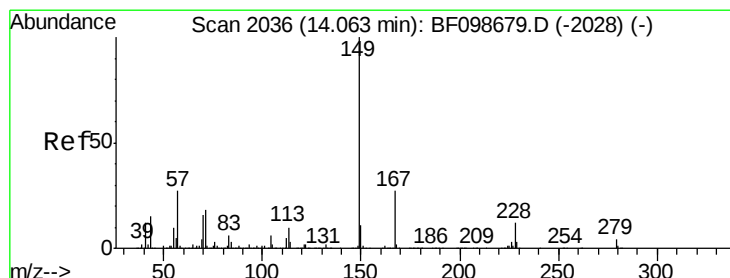
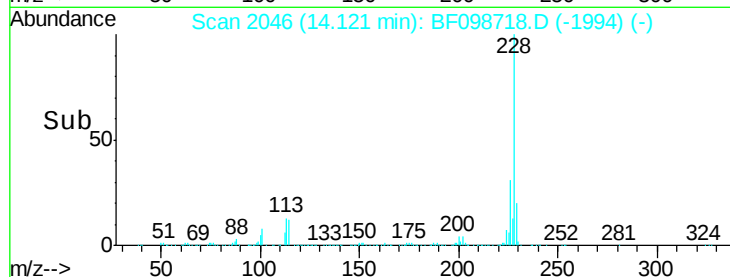
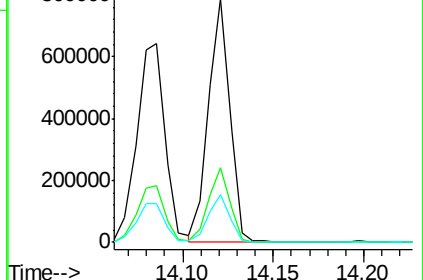
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.83 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

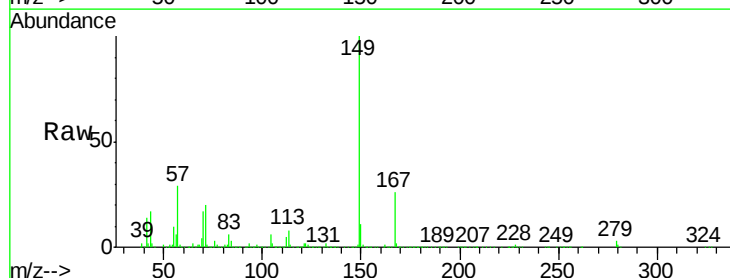
Tgt Ion:149 Resp: 496918

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

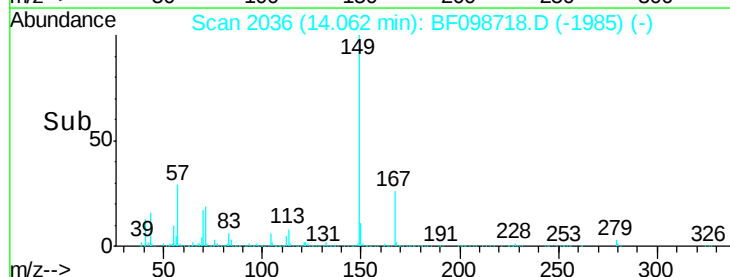
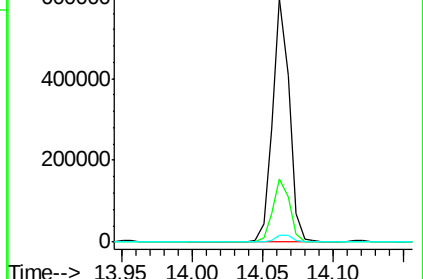
279 3.0 3.0 4.4

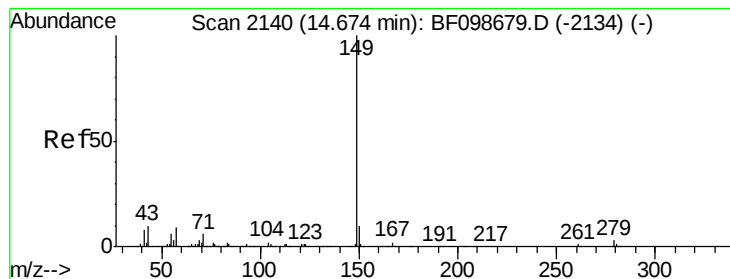


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.27 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

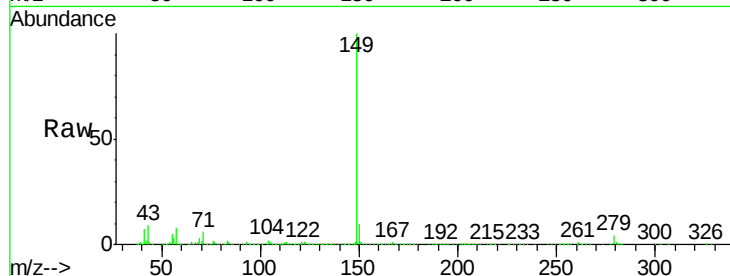
Tot Ion:149 Resp: 884208

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

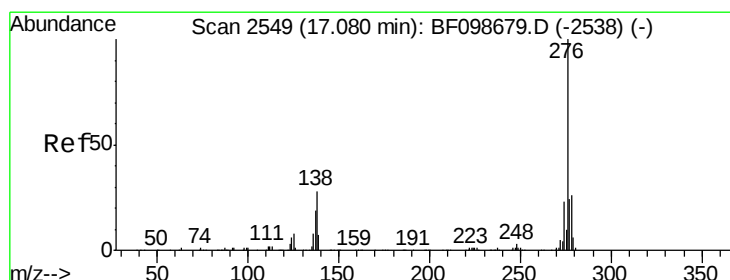
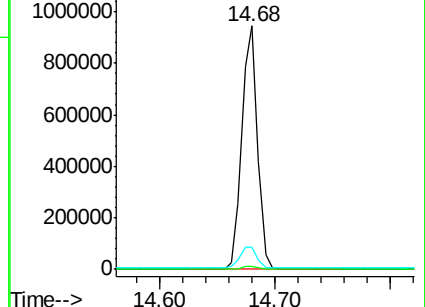
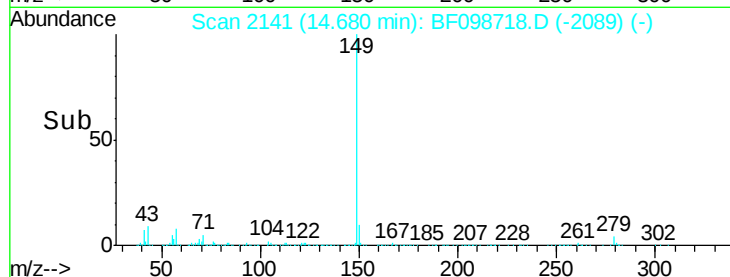
43 9.7 8.4 12.6



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: 31.34 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

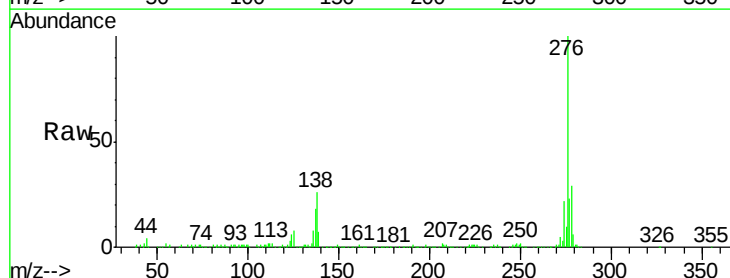
Tgt Ion:276 Resp: 474914

Ion Ratio Lower Upper

276 100

138 30.4 25.0 37.6

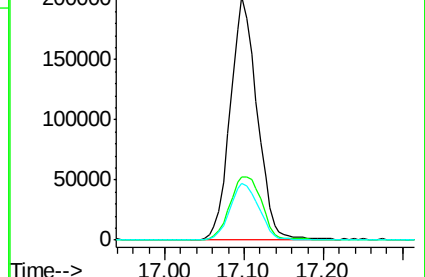
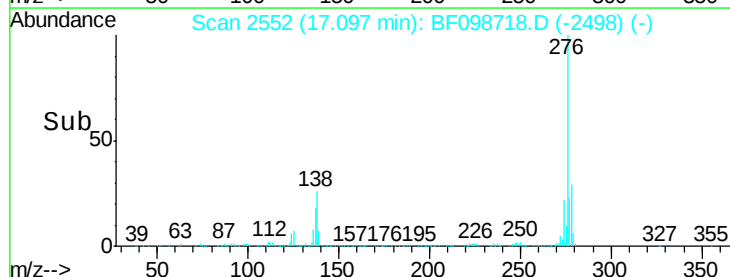
277 25.5 20.1 30.1

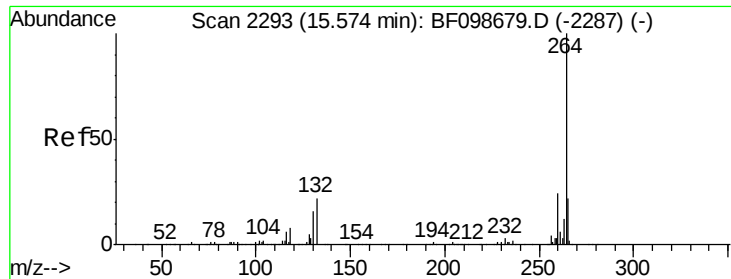


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

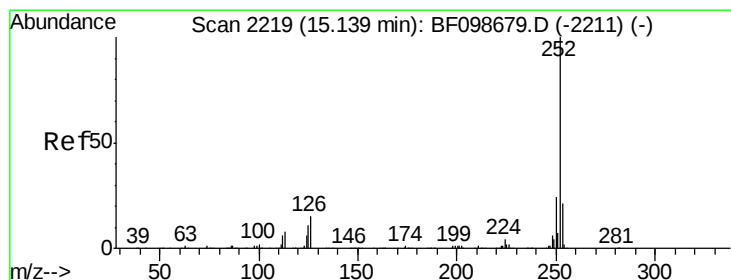
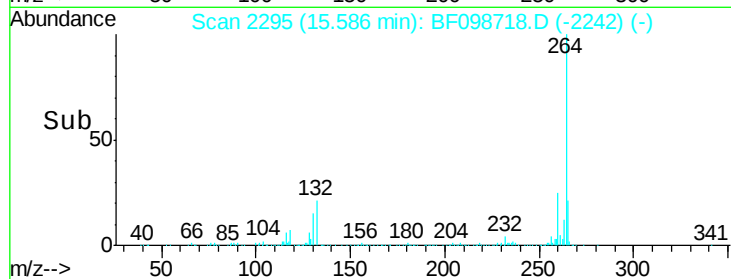
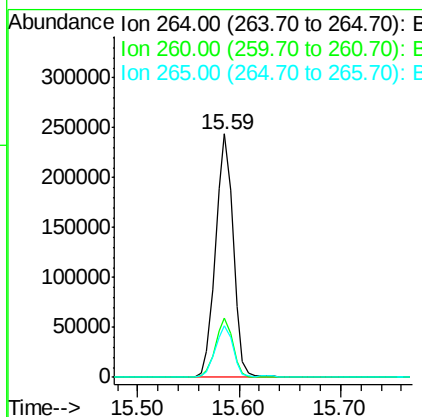
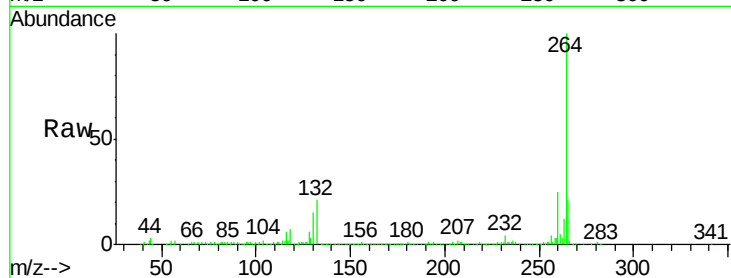




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

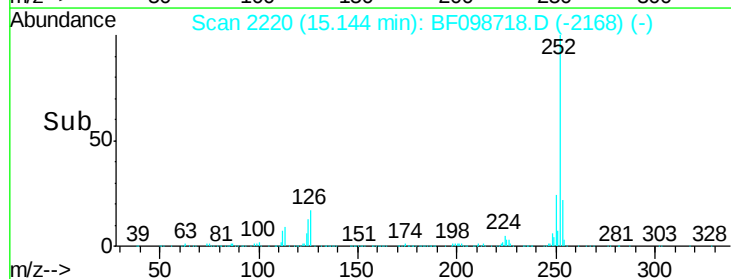
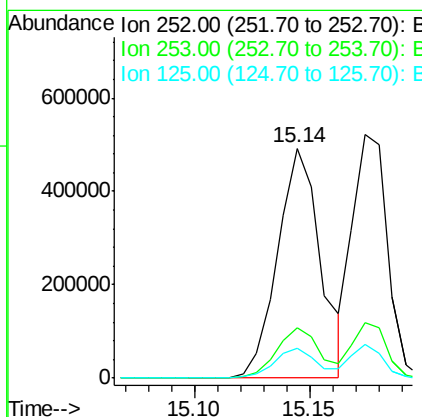
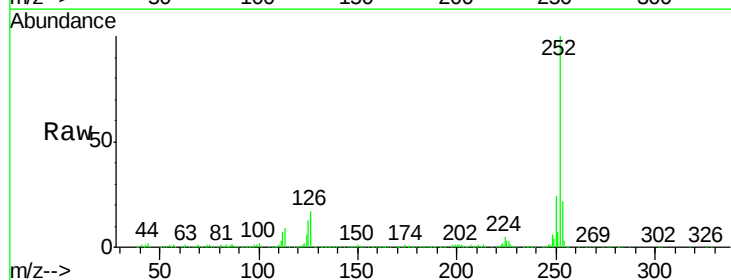
Instrument :
BNA_F
ClientSampleId :

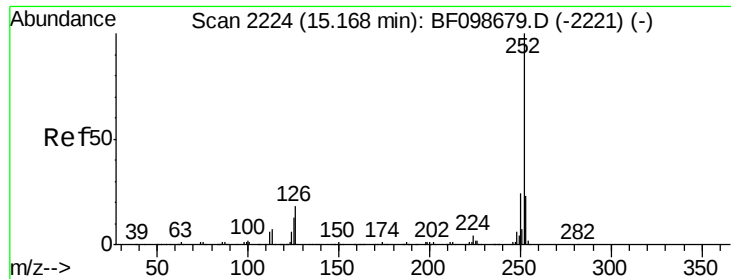
Tot Ion:264 Resp: 297167
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 36.84 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF098718.D
Acq: 23 Sep 2017 1:31

Tgt Ion:252 Resp: 634923
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.8 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 31.72 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampleId :

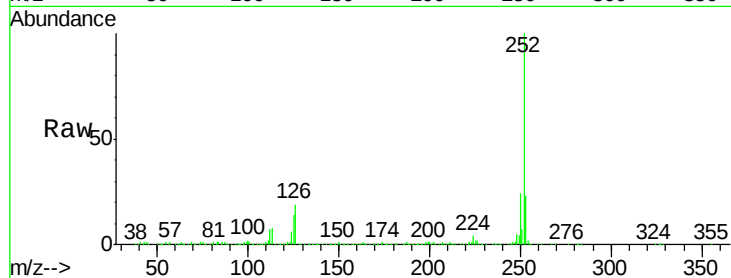
Tot Ion:252 Resp: 546254

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

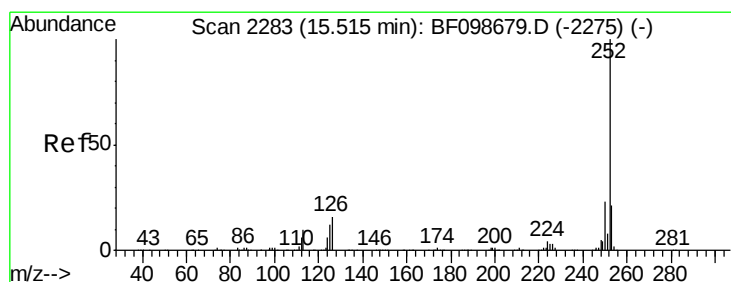
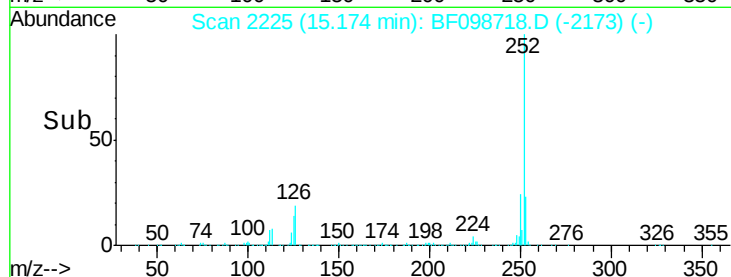
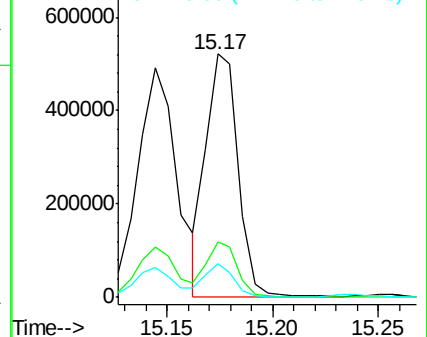
125 13.7 10.2 15.2



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: 33.91 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

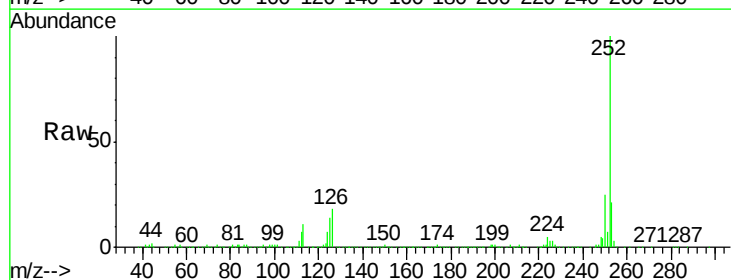
Tgt Ion:252 Resp: 530675

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

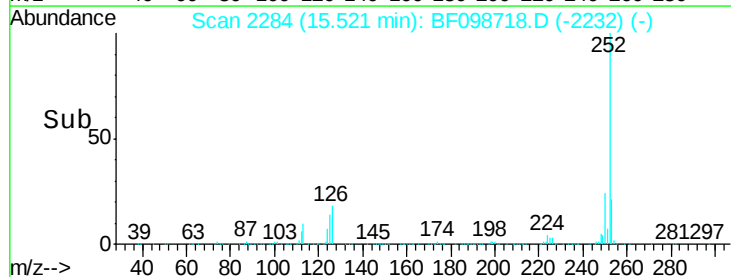
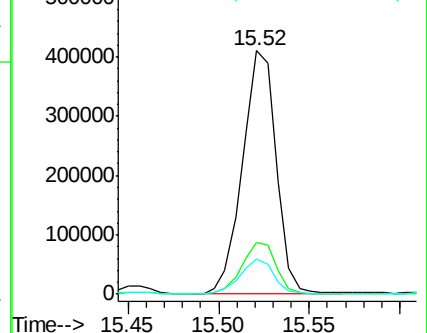
125 14.3 9.8 14.6

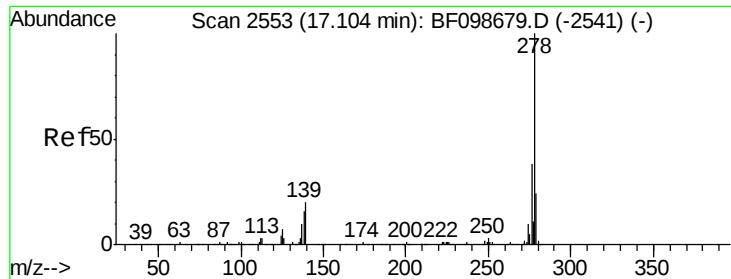


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 30.19 ng

RT: 17.11 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

Instrument :

BNA_F

ClientSampled :

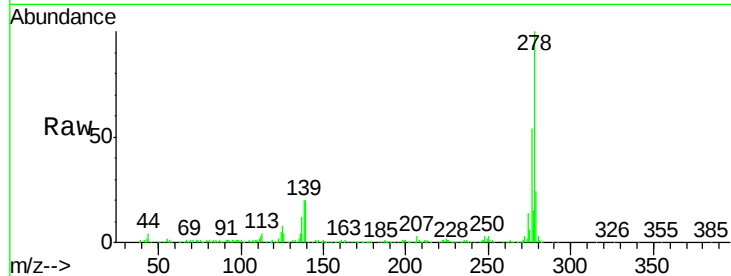
Tot Ion:278 Resp: 399633

Ion Ratio Lower Upper

278 100

139 20.0 15.9 23.9

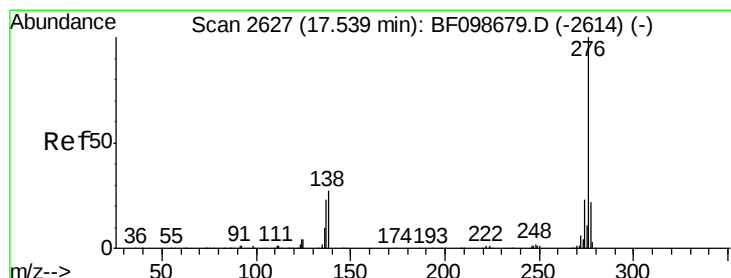
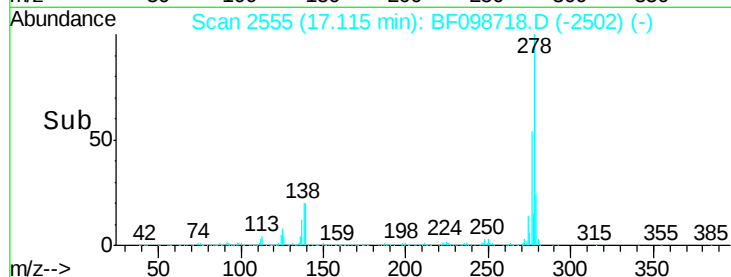
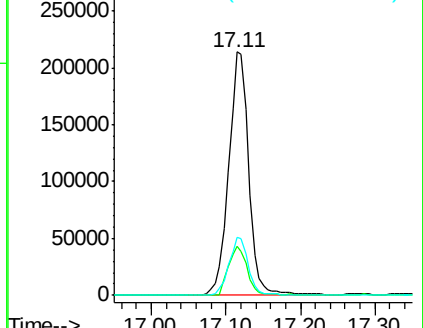
279 23.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 28.42 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.02 min

Lab File: BF098718.D

Acq: 23 Sep 2017 1:31

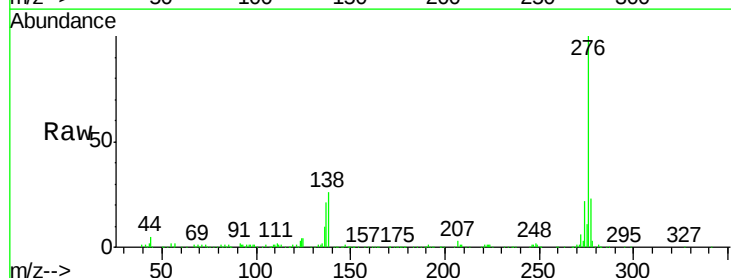
Tgt Ion:276 Resp: 378175

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 25.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

