

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098790.D
 Acq On : 25 Sep 2017 18:42
 Operator : SJ/JU
 Sample : PB102556BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

Quant Time: Sep 26 05:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	130903	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	552200	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	254592	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	461963	20.00	ng	0.00
75) Chrysene-d12	14.08	240	390952	20.00	ng	0.00
86) Perylene-d12	15.57	264	320931	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	146490	17.81	ng	-0.01
7) Phenol-d6	6.52	99	171867	16.94	ng	-0.02
23) Nitrobenzene-d5	7.47	82	100070	11.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	34497	16.56	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	204556	13.41	ng	-0.01
78) Terphenyl-d14	13.02	244	196892	11.45	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	20446	5.205	ng	# 94
3) Pyridine	3.57	79	52089	4.902	ng	98
4) n-Nitrosodimethylamine	3.48	42	22830	5.067	ng	# 91
6) Aniline	6.57	93	38571	2.817	ng	99
8) 2-Chlorophenol	6.69	128	50838	5.459	ng	95
10) Phenol	6.54	94	61754	5.443	ng	94
11) bis(2-Chloroethyl)ether	6.64	93	47862	5.427	ng	99
12) 1,3-Dichlorobenzene	6.85	146	53870	5.524	ng	98
13) 1,4-Dichlorobenzene	6.93	146	53900	5.432	ng	99
14) 1,2-Dichlorobenzene	7.08	146	50117	5.466	ng	99
15) Benzyl Alcohol	7.05	79	41896	5.630	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	74745	5.440	ng	99
17) 2-Methylphenol	7.15	107	40091	5.262	ng	97
18) Hexachloroethane	7.43	117	18531	5.196	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	35132	5.424	ng	96
20) 3+4-Methylphenols	7.30	107	54438	5.648	ng	93
22) Acetophenone	7.32	105	71372	5.335	ng	# 97
24) Nitrobenzene	7.49	77	51268	5.249	ng	99
25) Isophorone	7.73	82	91946	5.165	ng	98
26) 2-Nitrophenol	7.80	139	22035	4.691	ng	97
27) 2,4-Dimethylphenol	7.83	122	46613	5.255	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	57956	5.224	ng	98
29) 2,4-Dichlorophenol	8.05	162	39104	5.135	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	40266	5.286	ng	96
31) Naphthalene	8.22	128	144959	5.589	ng	98
32) Benzoic acid	7.89	122	20548	2.820	ng	99
33) 4-Chloroaniline	8.26	127	39240	3.623	ng	99
34) Hexachlorobutadiene	8.33	225	20384	5.196	ng	98
35) Caprolactam	8.59	113	12600	5.158	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	42554	4.971	ng	97
37) 2-Methylnaphthalene	8.90	142	97577	5.788	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	37855	4.986	ng	98
40) Hexachlorocyclopentadiene	9.06	237	34104	9.829	ng	99
42) 2,4,6-Trichlorophenol	9.18	196	27143	5.046	ng	100

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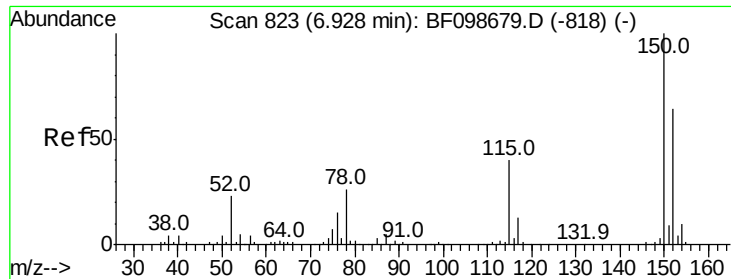
Instrument :
 BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.22	196	27667	5.153	nq	96
45) 1,1'-Biphenyl	9.37	154	113488	5.187	nq	96
46) 2-Chloronaphthalene	9.39	162	89834	5.468	nq	97
47) 2-Nitroaniline	9.49	65	25437	5.057	nq	99
48) Acenaphthylene	9.81	152	134786	5.359	nq	100
49) Dimethylphthalate	9.66	163	104470	5.437	nq	98
50) 2,6-Dinitrotoluene	9.73	165	19824	4.739	nq	99
51) Acenaphthene	9.98	154	89105	5.593	nq	99
52) 3-Nitroaniline	9.89	138	21989	4.508	nq	97
53) 2,4-Dinitrophenol	10.00	184	11151	10.575	nq	92
54) Dibenzofuran	10.16	168	125057	5.896	nq	99
55) 4-Nitrophenol	10.04	139	39308	9.530	nq	94
56) 2,4-Dinitrotoluene	10.13	165	27476	5.061	nq	# 94
57) Fluorene	10.50	166	99727	5.850	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	20999	5.661	nq	98
59) Diethylphthalate	10.36	149	107693	5.736	nq	99
60) 4-Chlorophenyl-phenylether	10.49	204	44050	5.752	nq	97
61) 4-Nitroaniline	10.50	138	23659	5.028	nq	96
62) Azobenzene	10.65	77	102917	5.961	nq	99
64) 4,6-Dinitro-2-methylphenol	10.53	198	8942	3.181	nq	93
65) n-Nitrosodiphenylamine	10.60	169	84971	5.309	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	23779	5.259	nq	95
67) Hexachlorobenzene	11.05	284	24890	5.154	nq	97
68) Atrazine	11.13	200	25859	5.370	nq	93
69) Pentachlorophenol	11.23	266	23959	7.971	nq	99
70) Phenanthrene	11.46	178	144671	5.851	nq	98
71) Anthracene	11.51	178	148300	5.861	nq	99
72) Carbazole	11.66	167	136785	5.521	nq	99
73) Di-n-butylphthalate	11.99	149	168056	5.635	nq	98
74) Fluoranthene	12.65	202	150748	6.020	nq	97
76) Benzidine	12.77	184	47918	3.314	nq	100
77) Pyrene	12.88	202	155806	5.226	nq	99
79) Butylbenzylphthalate	13.49	149	72395	5.167	nq	95
80) Benzo(a)anthracene	14.06	228	132235	5.586	nq	97
81) 3,3'-Dichlorobenzidine	14.03	252	30972	3.569	nq	96
82) Chrysene	14.10	228	123658	5.487	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	104859	5.435	nq	# 97
84) Di-n-octyl phthalate	14.66	149	169505	5.457	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	84050	4.662	nq	96
87) Benzo(b)fluoranthene	15.12	252	113093	5.731	nq	98
88) Benzo(k)fluoranthene	15.15	252	104582	5.366	nq	97
89) Benzo(a)pyrene	15.50	252	101686	5.614	nq	# 97
90) Dibenzo(a,h)anthracene	17.08	278	69779	4.814	nq	99
91) Benzo(g,h,i)perylene	17.52	276	68016	4.747	nq	# 92

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

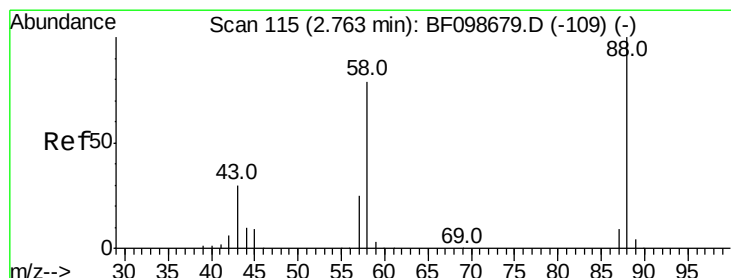
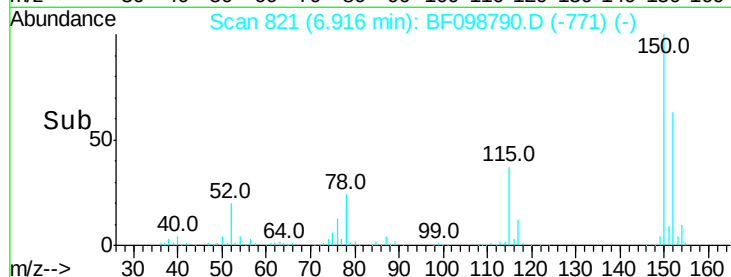
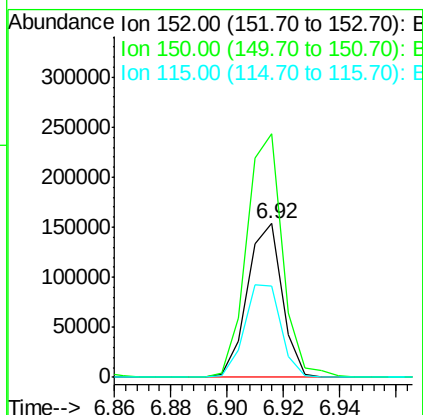
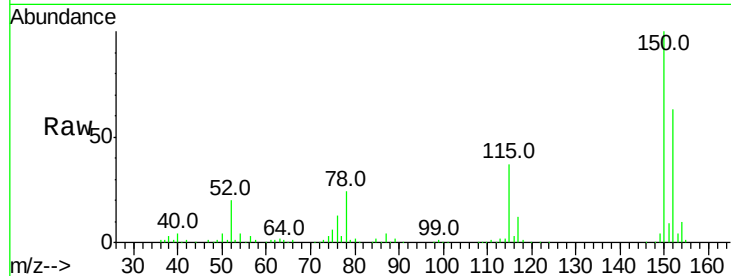


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

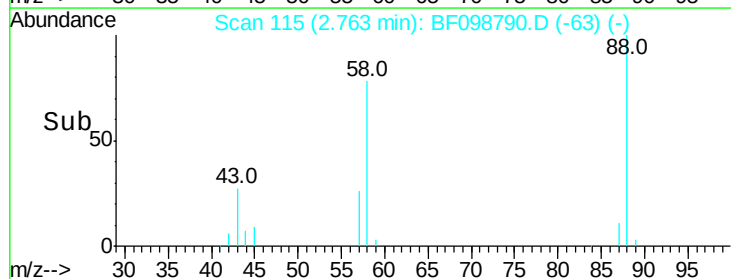
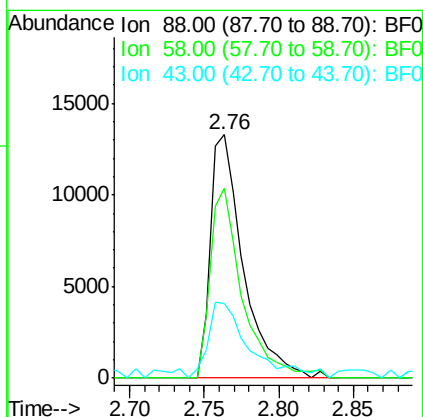
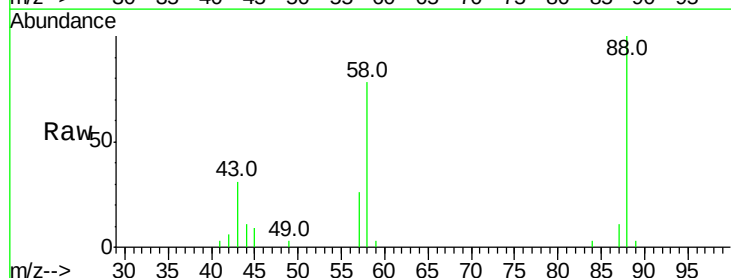
Tot Ion:152 Resp: 130903
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 59.1 50.1 75.1

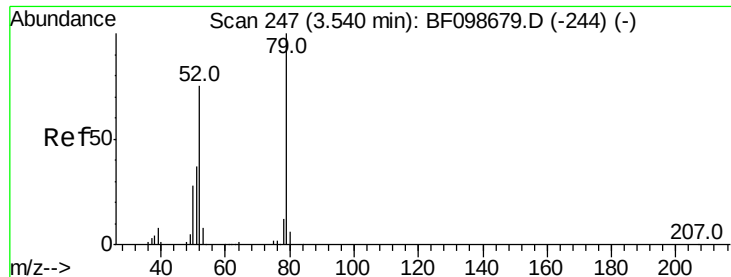


#2

1,4-Dioxane
 Concen: 5.205 ng
 RT: 2.76 min Scan# 115
 Delta R.T. 0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion: 88 Resp: 20446
 Ion Ratio Lower Upper
 88 100
 58 76.2 62.6 93.8
 43 39.1 24.6 37.0#





#3

Pvridine

Concen: 4.902 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.04 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

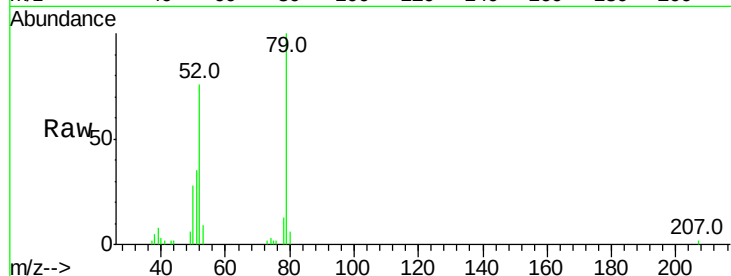
Tot Ion: 79 Resp: 52089

Ion Ratio Lower Upper

79 100

52 75.7 59.8 89.6

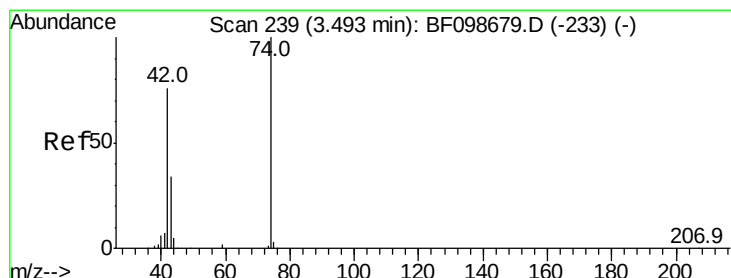
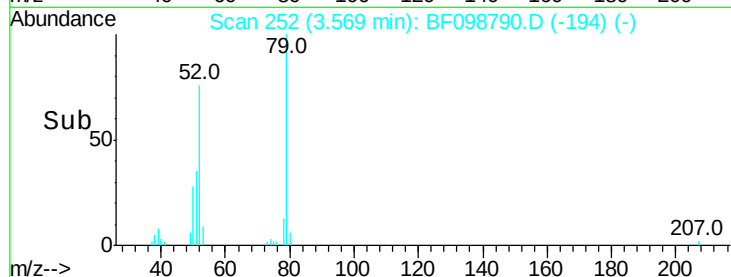
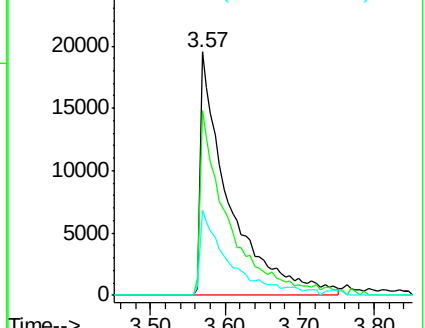
51 34.8 29.8 44.8



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: 5.067 ng

RT: 3.48 min Scan# 237

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

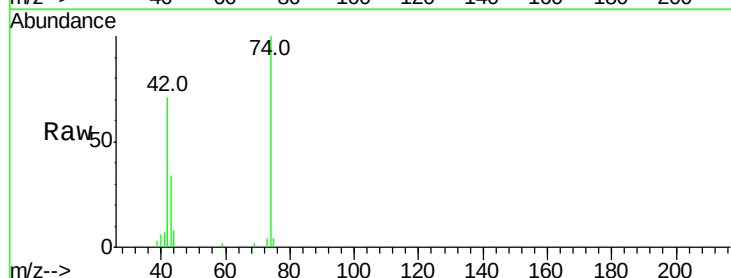
Tgt Ion: 42 Resp: 22830

Ion Ratio Lower Upper

42 100

74 141.5 104.9 157.3

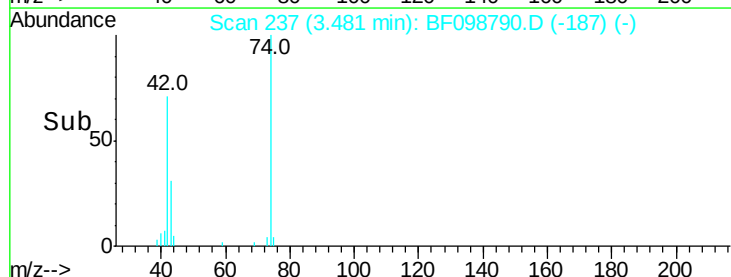
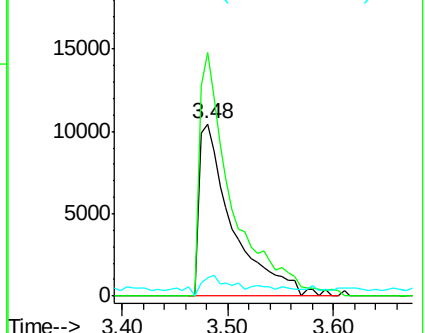
44 10.7 6.9 10.3#

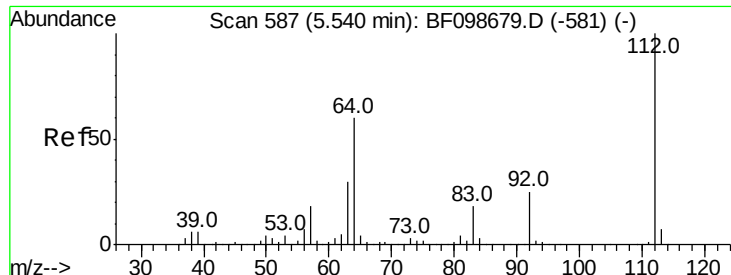


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

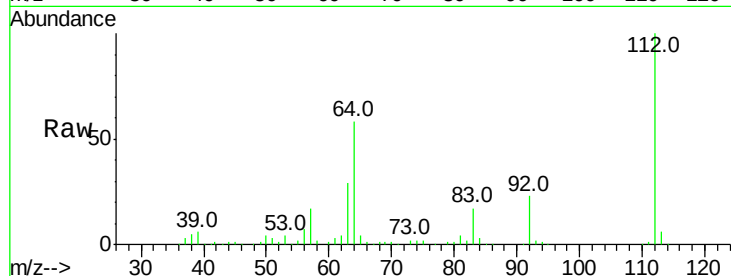




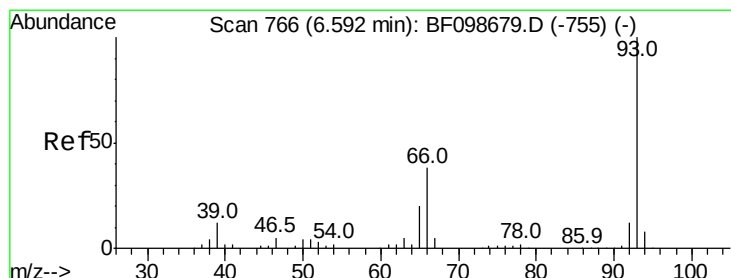
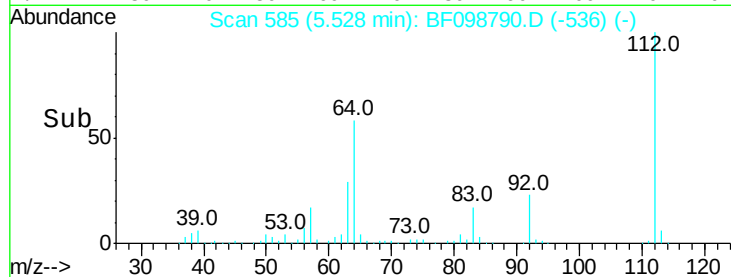
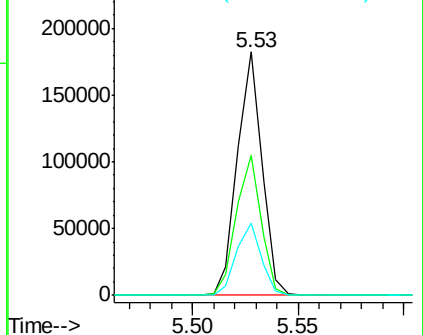
#5
 2-Fluorophenol
 Concen: 17.815 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Instrument :
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Tot Ion:	112	Resp:	146490
Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	29.4	23.7	35.5

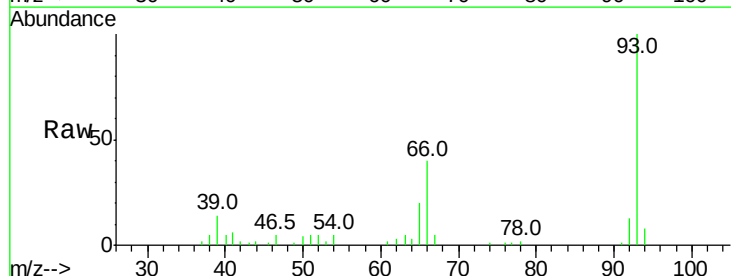


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

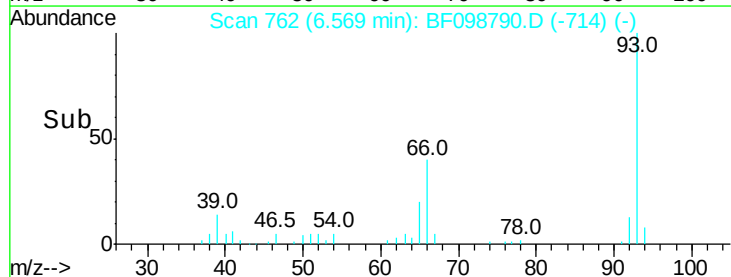
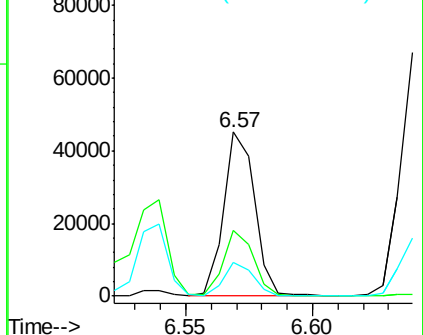


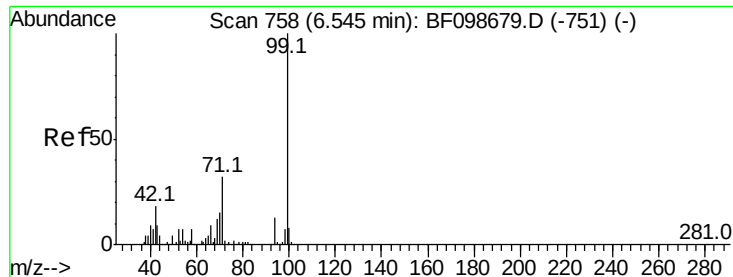
#6
 Aniline
 Concen: 2.817 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:	93	Resp:	38571
Ion	Ratio	Lower	Upper
93	100		
66	39.8	32.2	48.2
65	20.2	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: 16.943 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

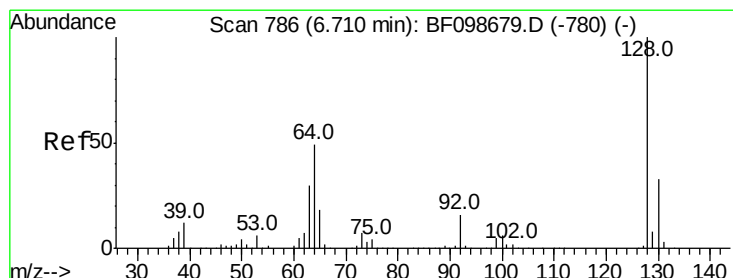
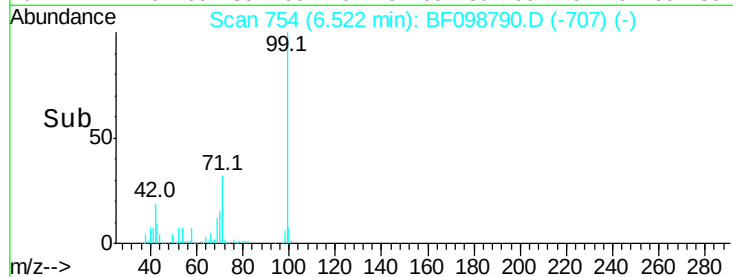
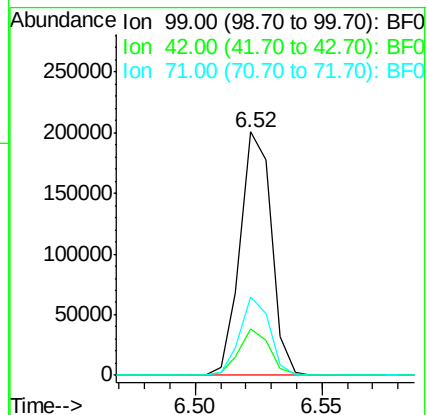
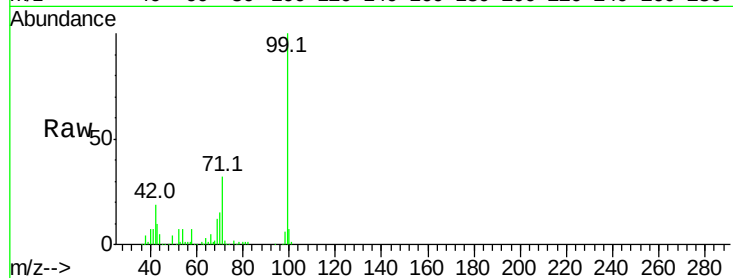
Tot Ion: 99 Resp: 171867

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.2 25.4 38.0



#8

2-Chlorophenol

Concen: 5.459 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

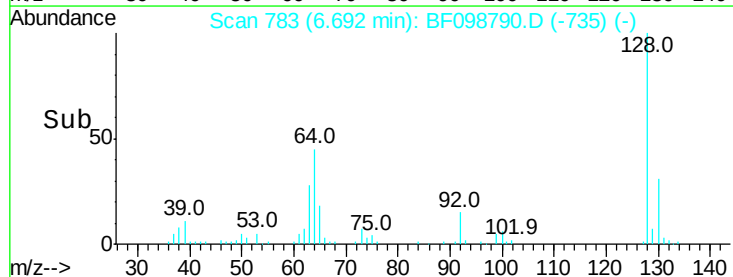
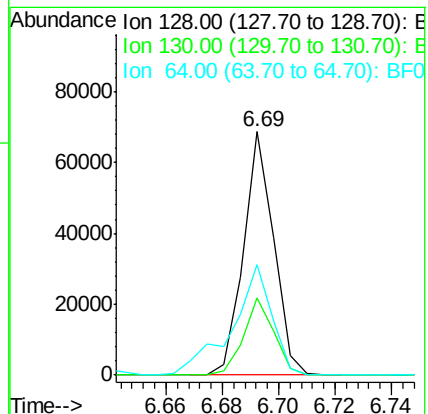
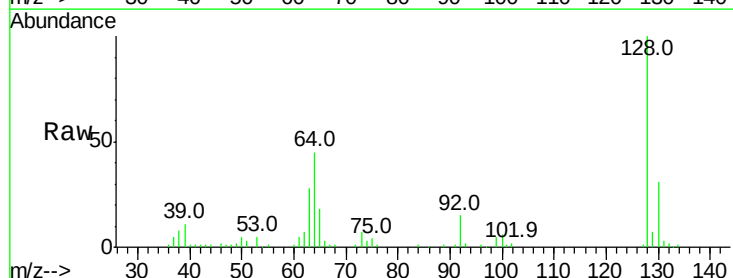
Tgt Ion: 128 Resp: 50838

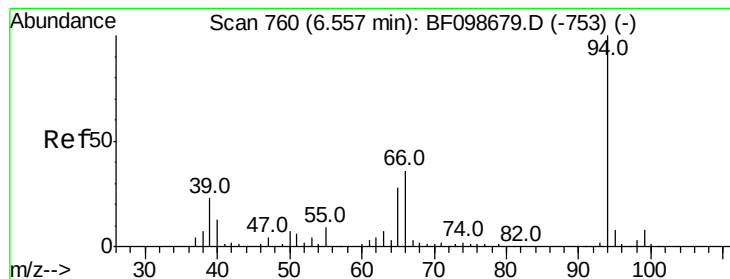
Ion Ratio Lower Upper

128 100

130 31.5 13.0 53.0

64 45.1 29.4 69.4





#10

Phenol

Concen: 5.443 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

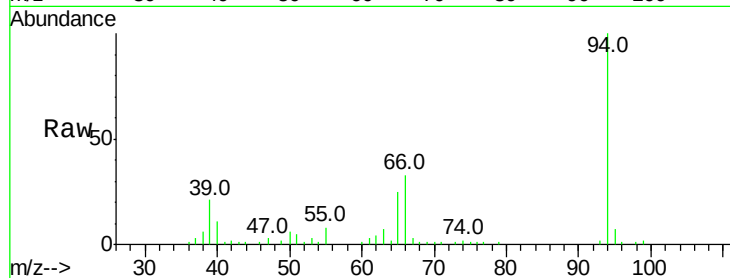
Tot Ion: 94 Resp: 61754

Ion Ratio Lower Upper

94 100

65 24.6 7.9 47.9

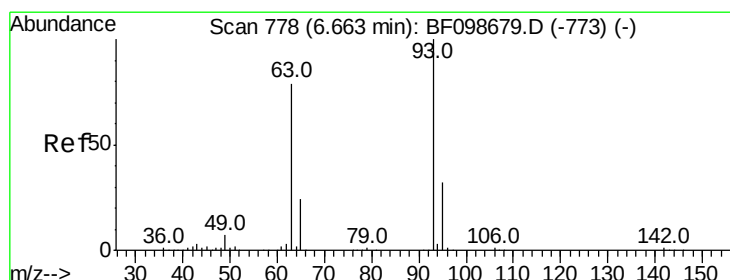
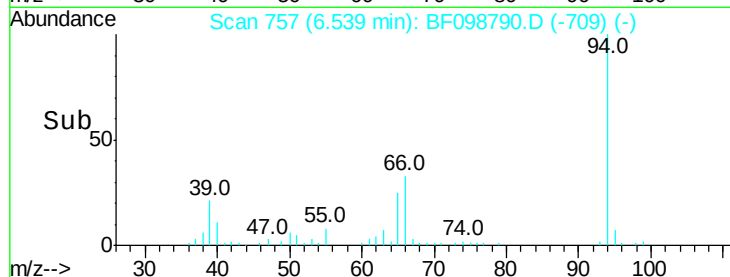
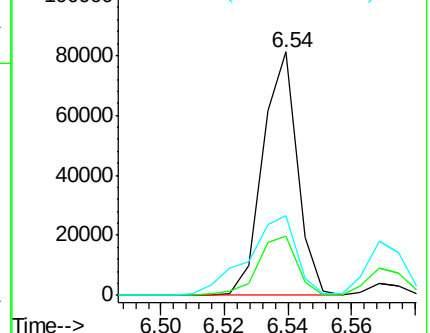
66 32.7 16.2 56.2



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: 5.427 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

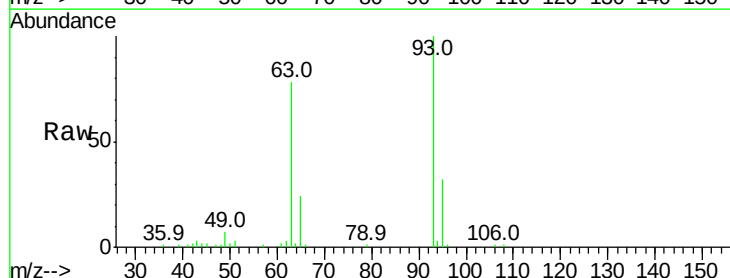
Tgt Ion: 93 Resp: 47862

Ion Ratio Lower Upper

93 100

63 77.9 58.6 98.6

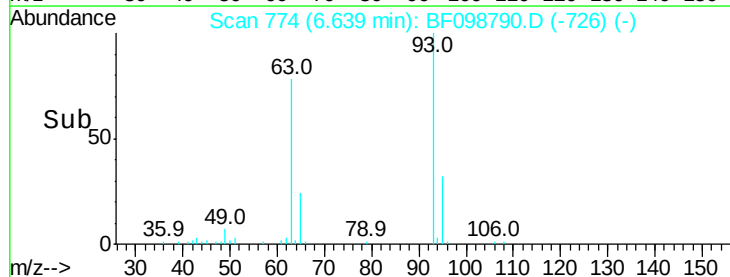
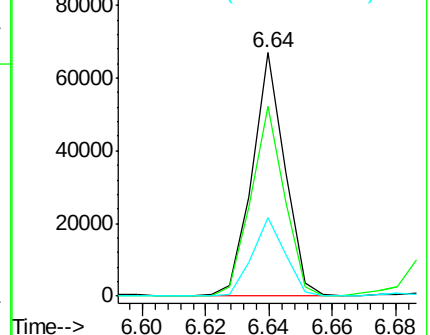
95 32.3 11.8 51.8

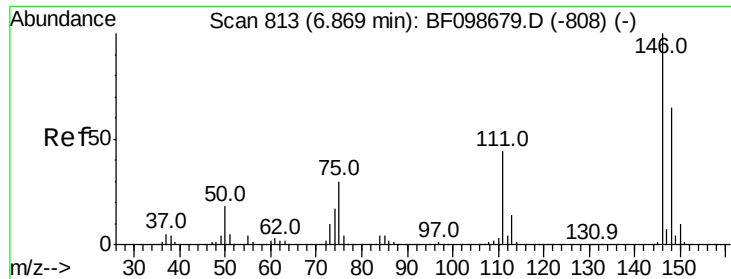


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

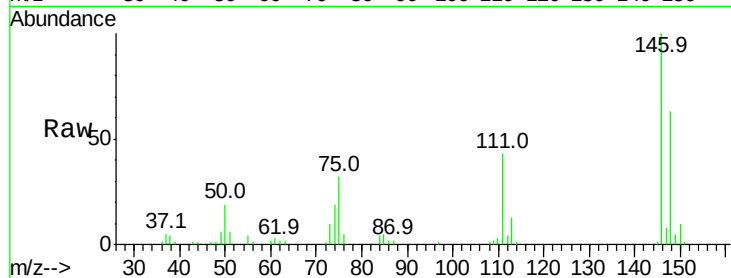




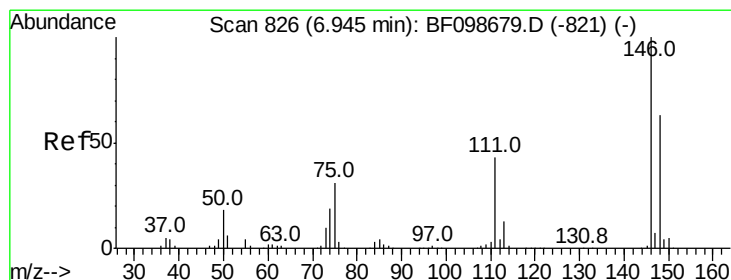
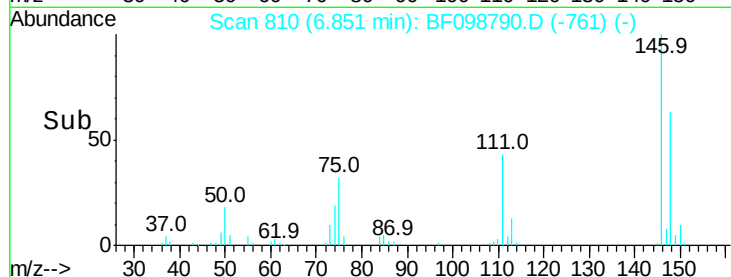
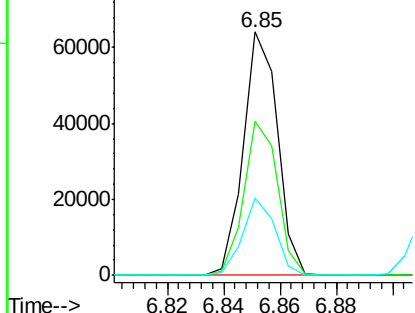
#12
 1,3-Dichlorobenzene
 Concen: 5.524 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

Tot Ion:146 Resp: 53870
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 75 32.0 24.2 36.4

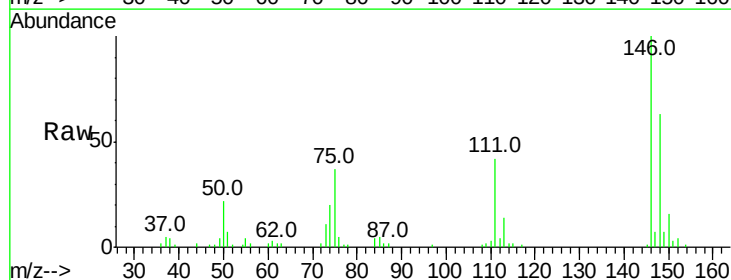


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

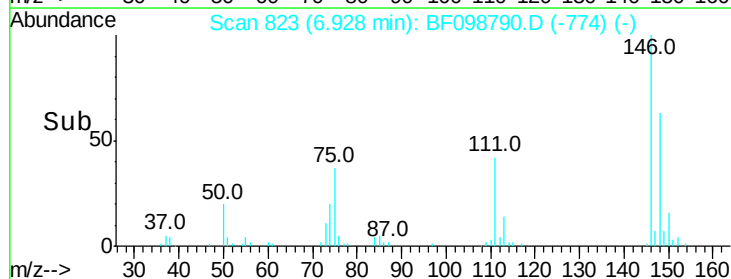
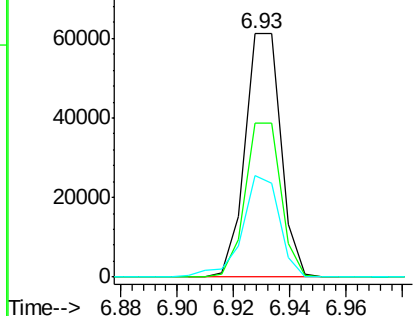


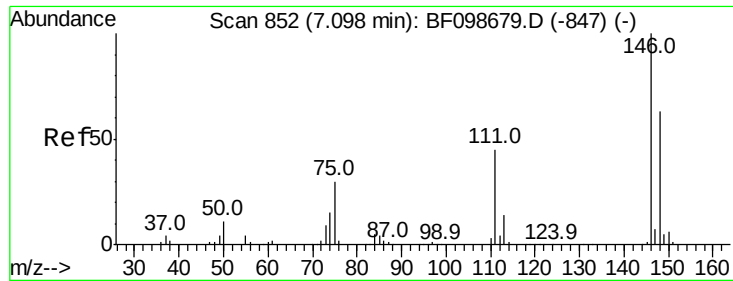
#13
 1,4-Dichlorobenzene
 Concen: 5.432 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:146 Resp: 53900
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 41.7 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

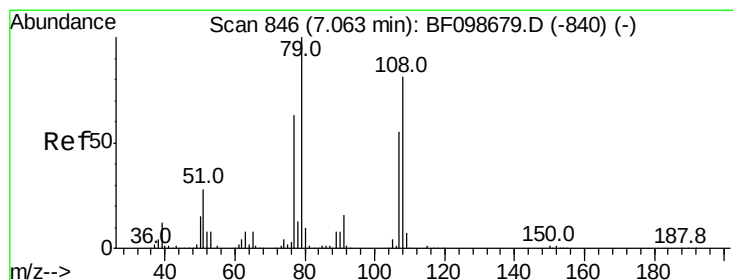
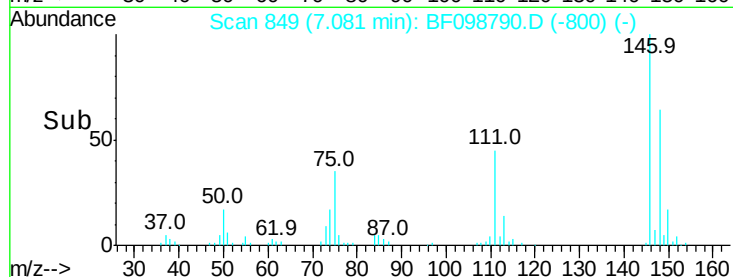
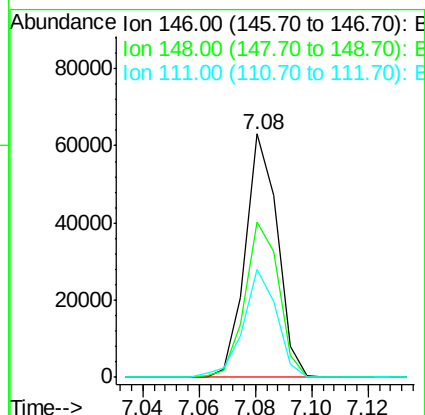
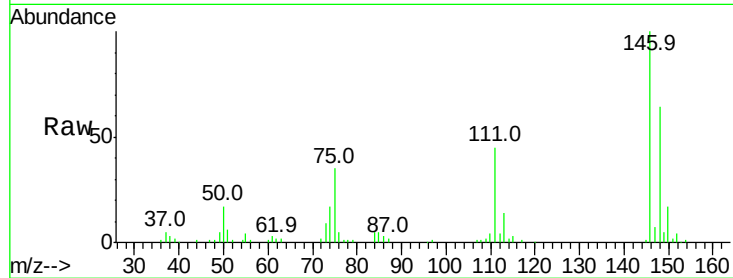




#14
 1,2-Dichlorobenzene
 Concen: 5.466 ng
 RT: 7.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

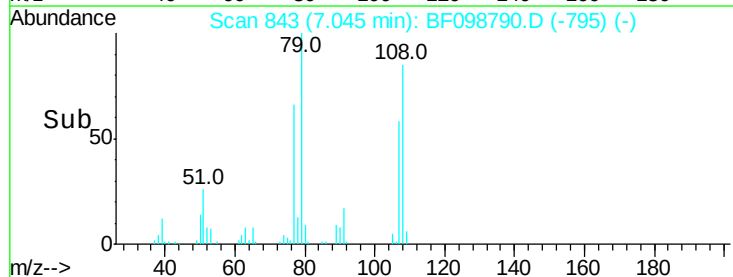
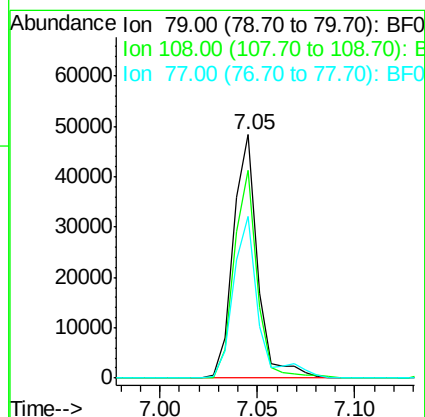
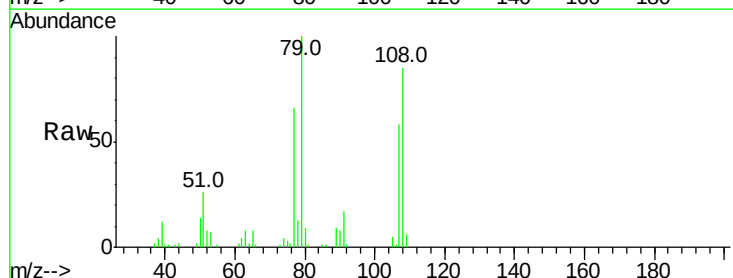
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

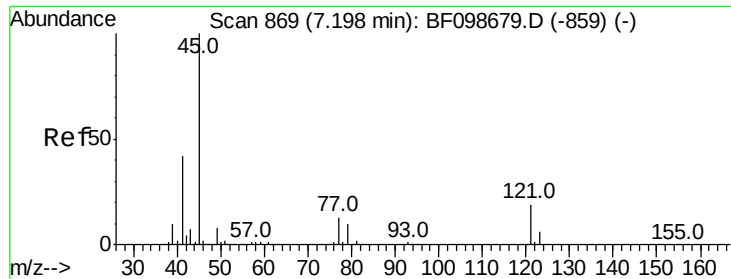
Tot Ion:146 Resp: 50117
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 44.5 36.0 54.0



#15
 Benzyl Alcohol
 Concen: 5.630 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion: 79 Resp: 41896
 Ion Ratio Lower Upper
 79 100
 108 85.1 65.1 97.7
 77 66.5 50.6 75.8

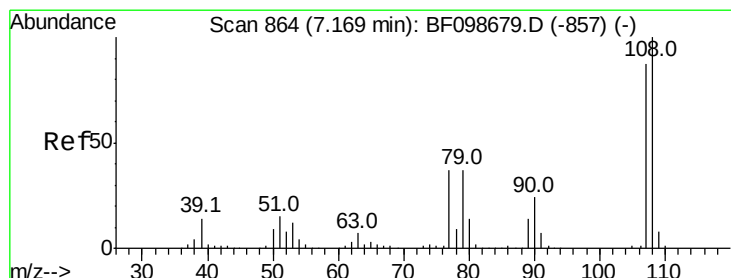
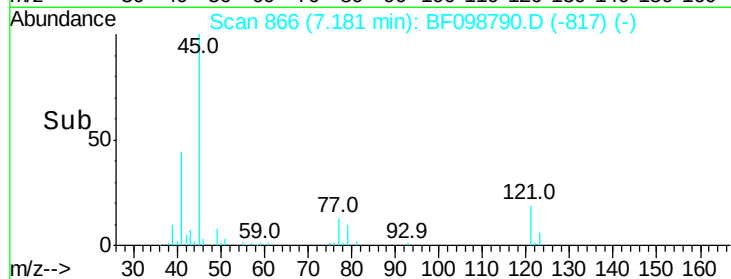
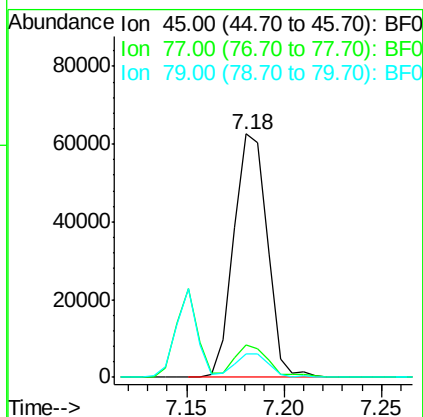
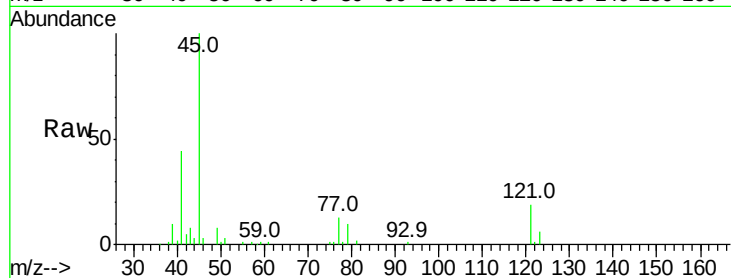




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 5.440 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

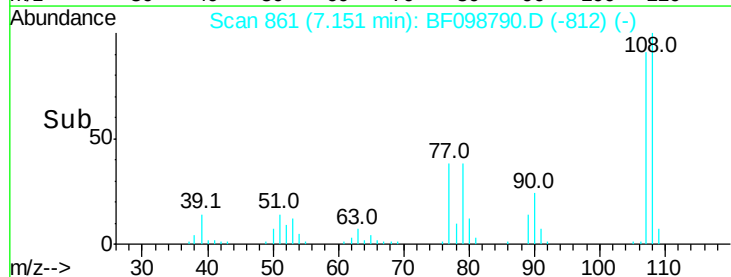
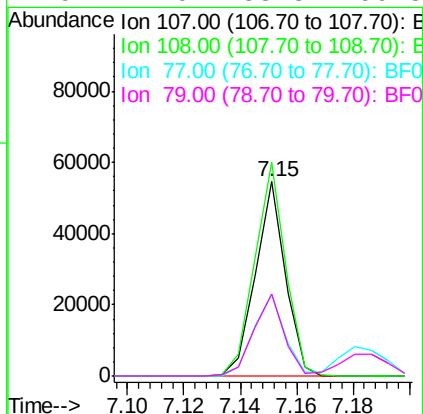
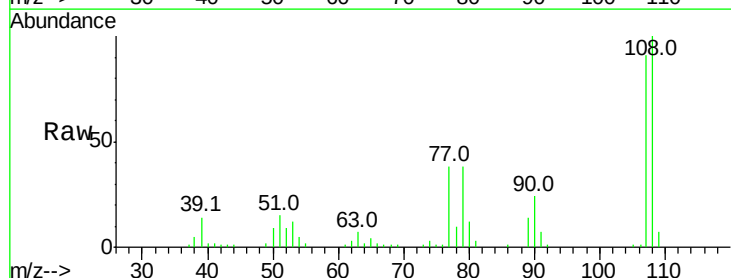
Instrument :
BNA_F
ClientSampleId :
PB102556BS

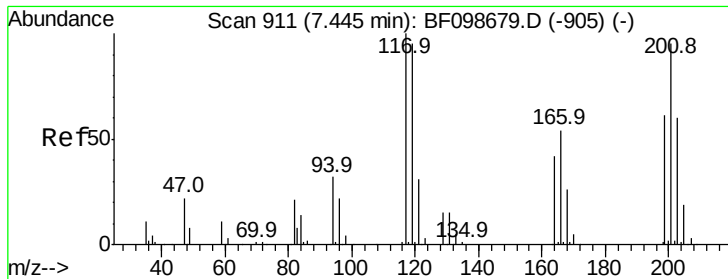
Tot Ion: 45 Resp: 74745
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.9
79 9.5 0.0 29.6



#17
2-Methylphenol
Concen: 5.262 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Tgt Ion: 107 Resp: 40091
Ion Ratio Lower Upper
107 100
108 109.9 91.7 137.5
77 42.0 33.8 50.8
79 42.0 33.8 50.8

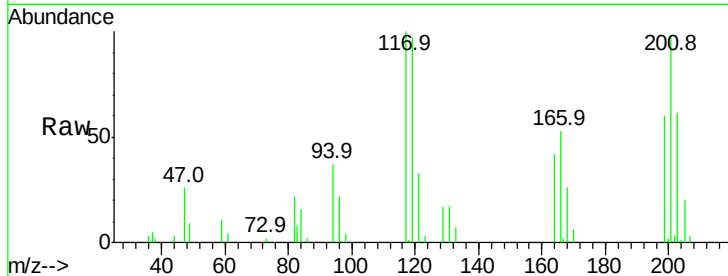




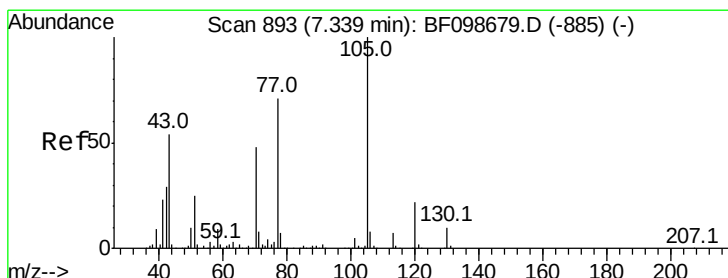
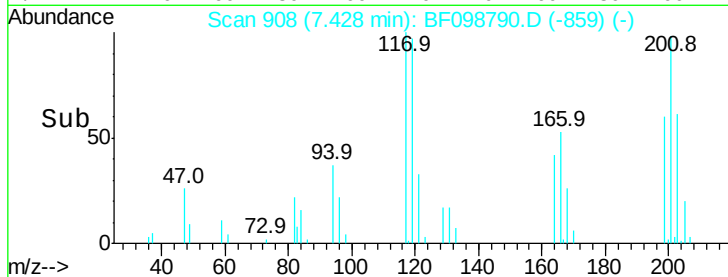
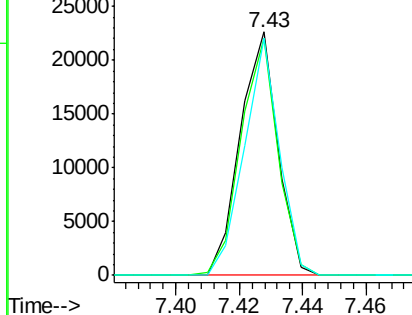
#18
Hexachloroethane
Concen: 5.196 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Instrument :
BNA_F
ClientSampleId :
PB102556BS

Tot Ion:117 Resp: 18531
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 97.6 75.7 113.5



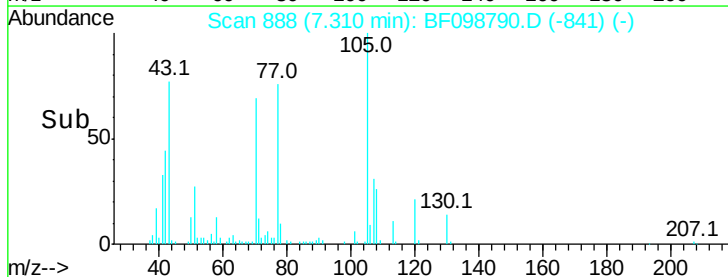
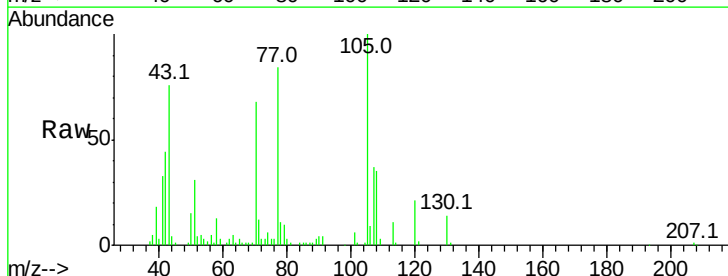
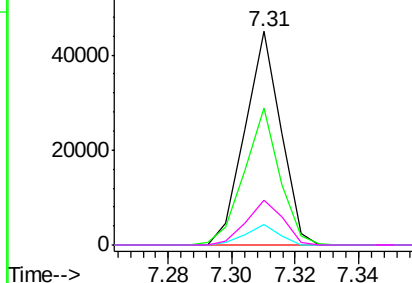
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

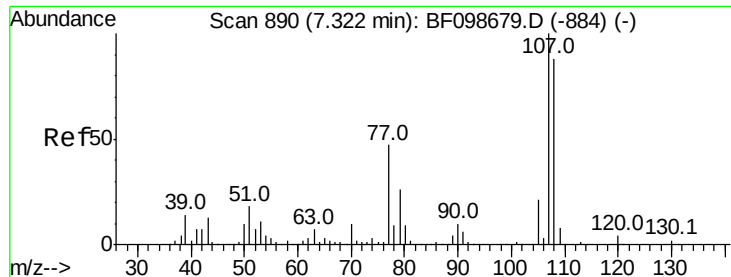


#19
n-Nitroso-di-n-propylamine
Concen: 5.424 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Tgt Ion: 70 Resp: 35132
Ion Ratio Lower Upper
70 100
42 64.1 47.5 71.3
101 9.4 7.4 11.2
130 20.9 16.6 25.0

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 5.648 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

Tot Ion:107 Resp: 54438

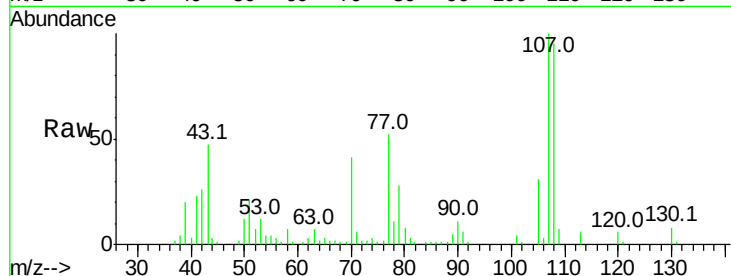
Ion Ratio Lower Upper

107 100

108 95.0 68.2 108.2

77 51.9 26.7 66.7

79 28.3 6.3 46.3

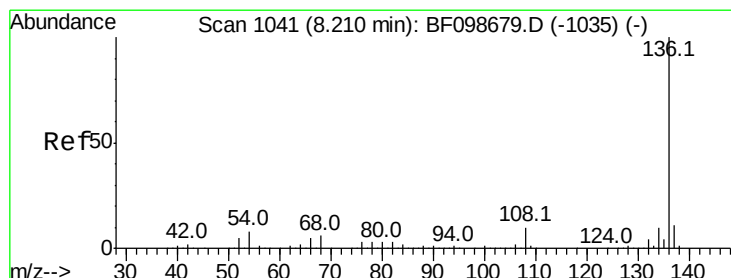
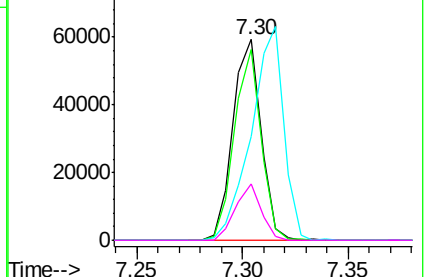
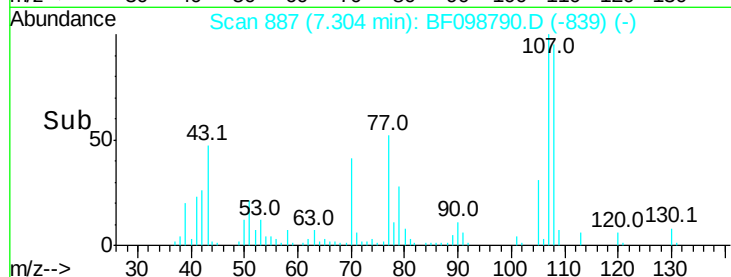


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Tgt Ion:136 Resp: 552200

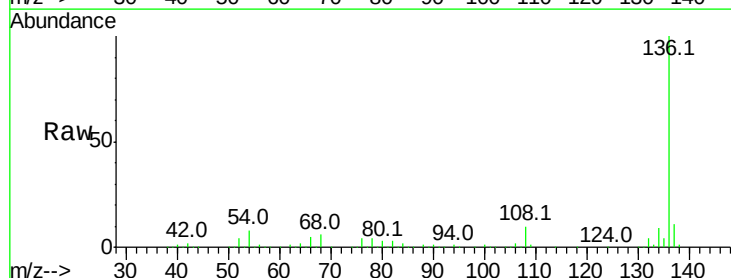
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.6 9.8

68 6.1 5.0 7.4

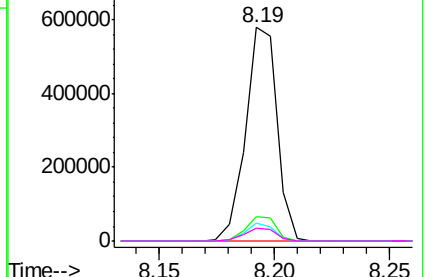
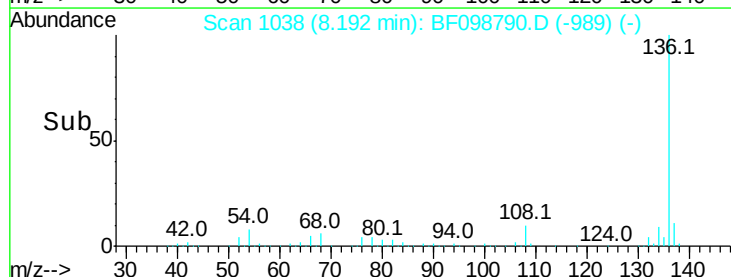


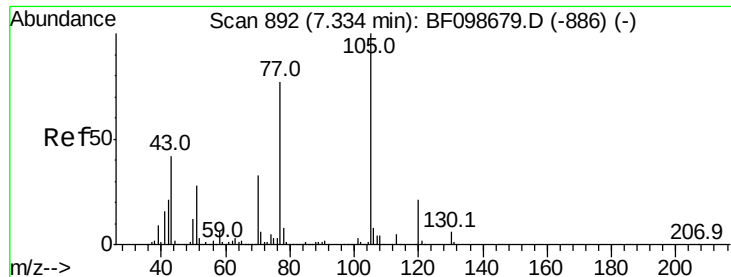
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 5.335 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

Tot Ion:105 Resp: 71372

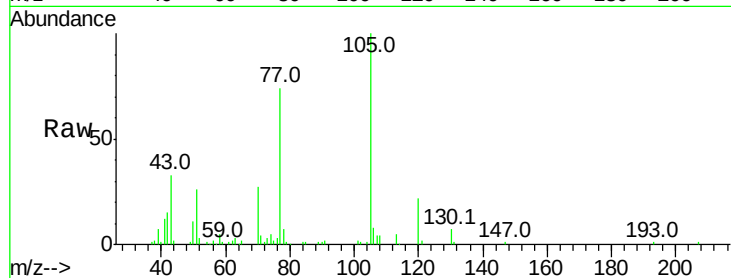
Ion Ratio Lower Upper

105 100

71 3.9 4.4 6.6#

51 25.7 22.3 33.5

120 21.8 16.9 25.3

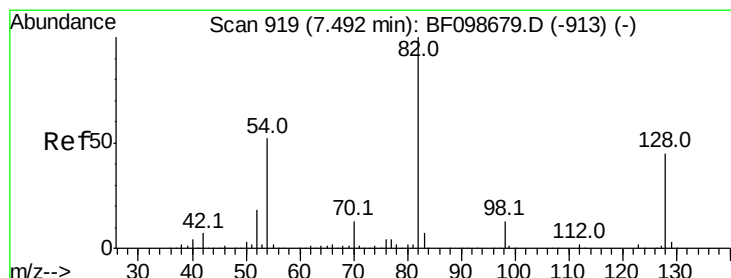
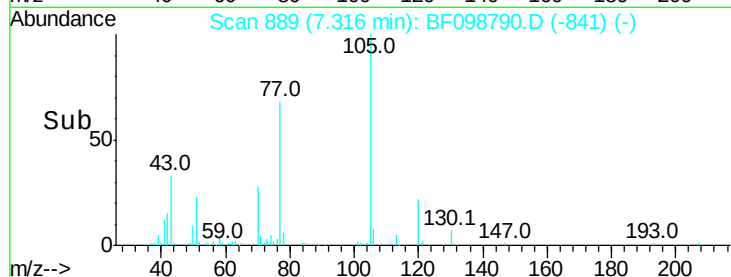
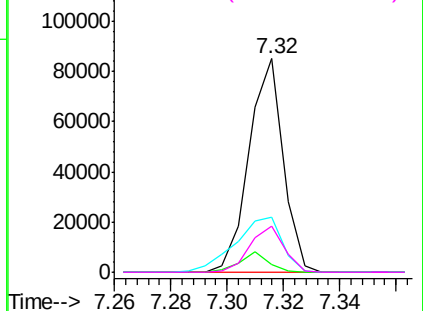


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 11.622 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

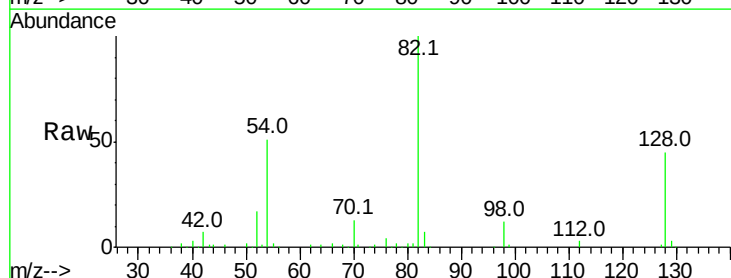
Tgt Ion: 82 Resp: 100070

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

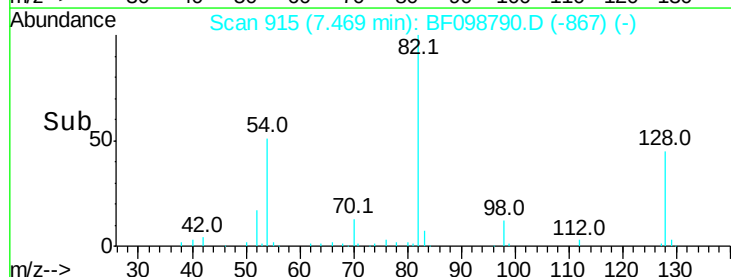
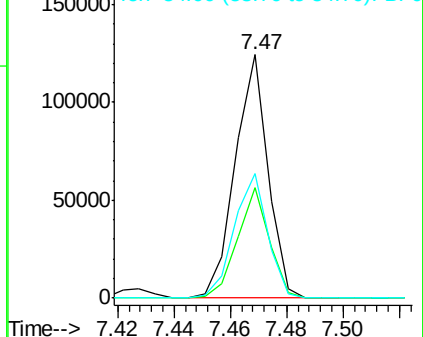
54 51.2 41.4 62.2

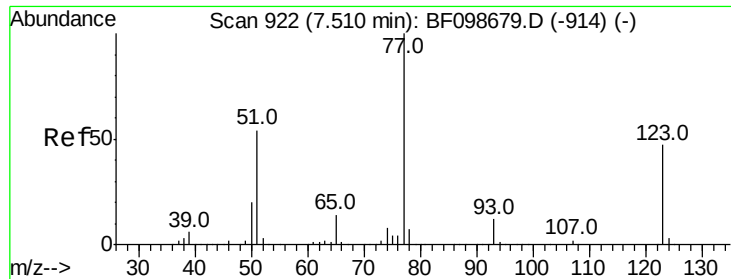


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 5.249 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

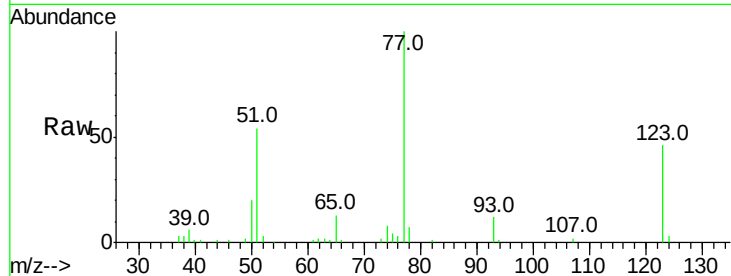
Tot Ion: 77 Resp: 51268

Ion Ratio Lower Upper

77 100

123 46.4 37.9 56.9

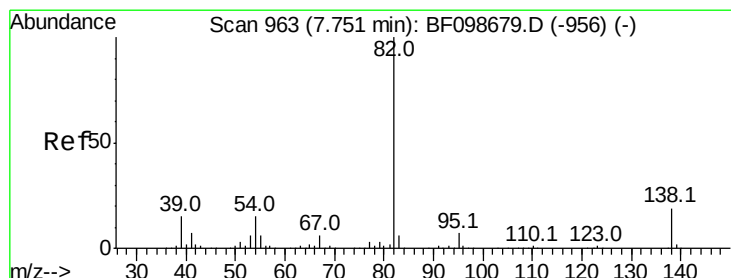
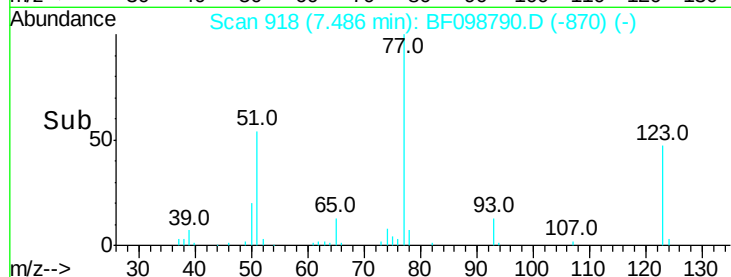
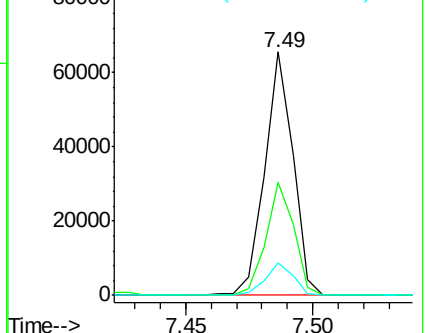
65 13.2 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 5.165 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

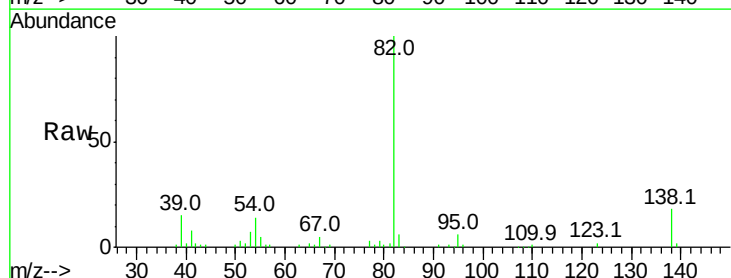
Tgt Ion: 82 Resp: 91946

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

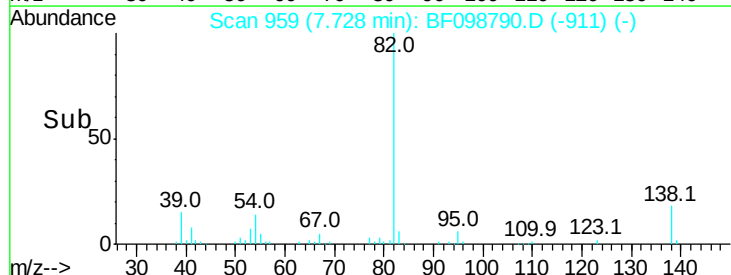
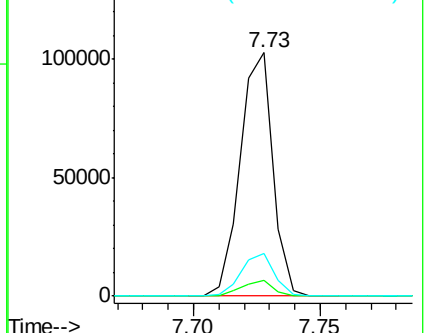
138 17.7 14.9 22.3

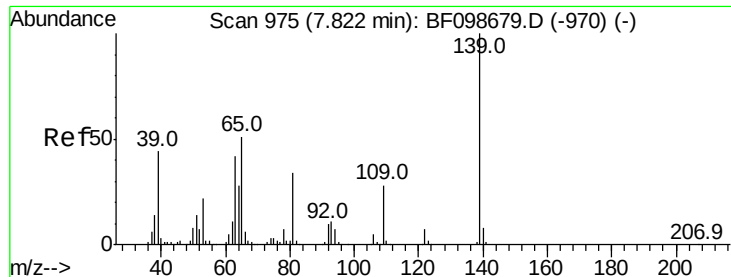


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

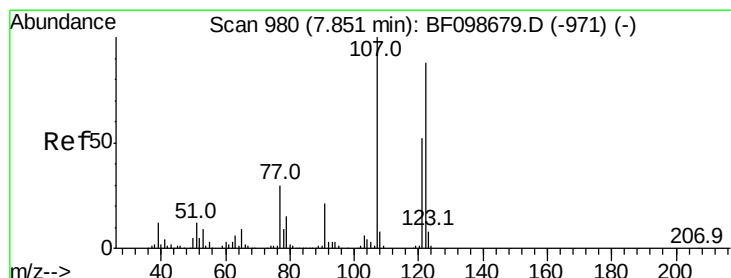
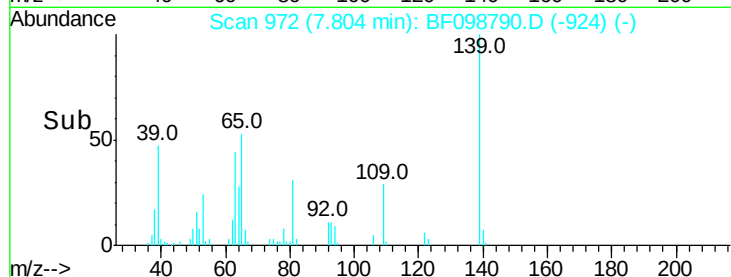
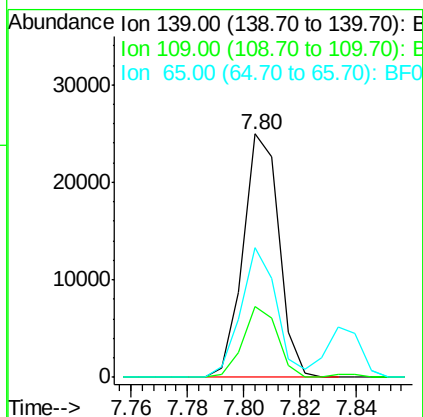
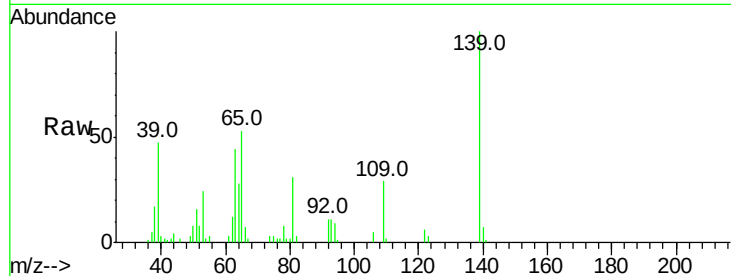




#26
2-Nitrophenol
Concen: 4.691 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

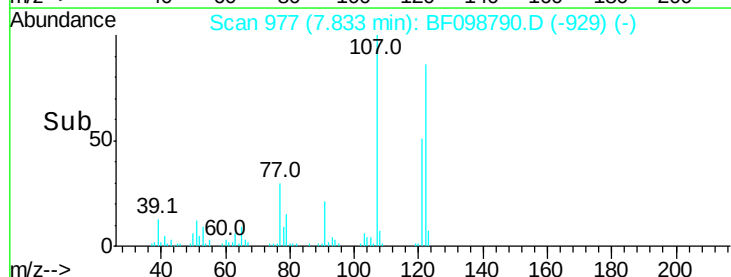
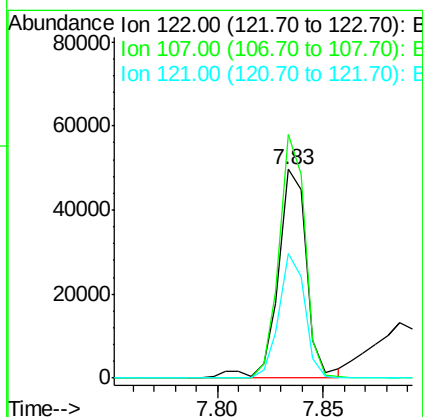
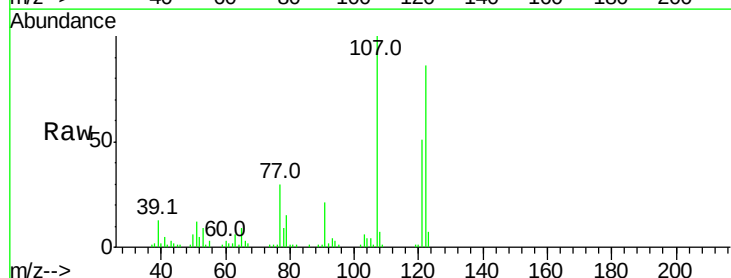
Instrument :
BNA_F
ClientSampleId :
PB102556BS

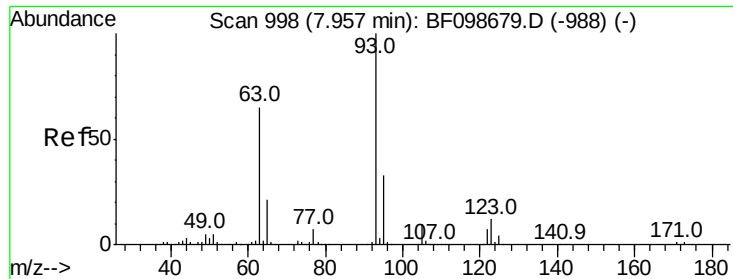
Tot Ion:139 Resp: 22035
Ion Ratio Lower Upper
139 100
109 29.0 22.7 34.1
65 53.1 40.5 60.7



#27
2,4-Dimethylphenol
Concen: 5.255 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Tgt Ion:122 Resp: 46613
Ion Ratio Lower Upper
122 100
107 116.6 91.2 136.8
121 59.5 47.2 70.8

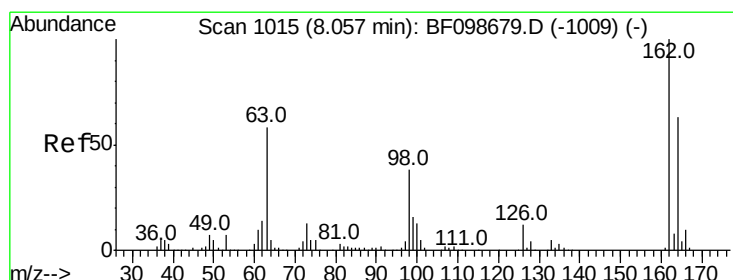
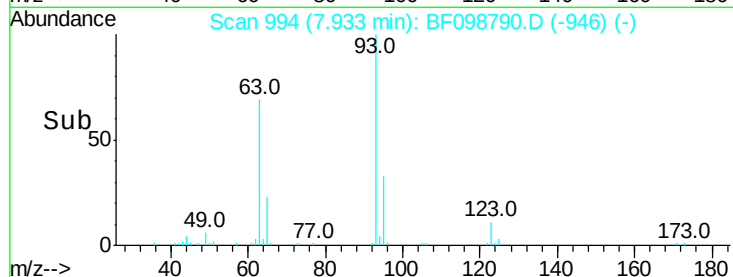
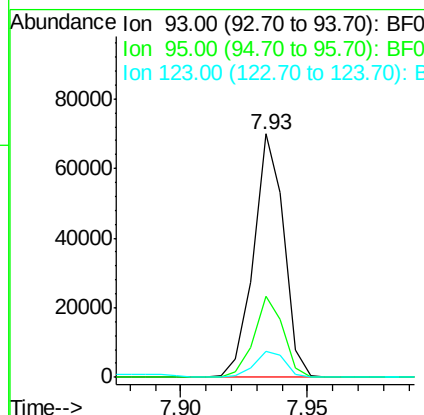
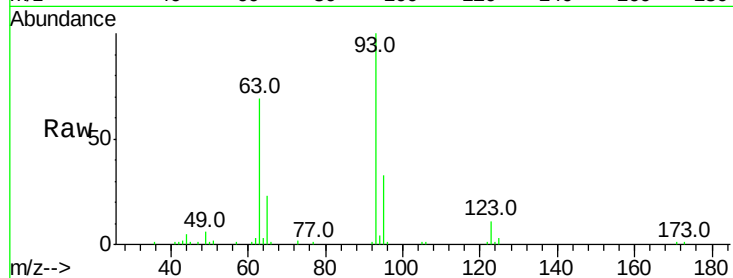




#28
 bis(2-Chloroethoxy)methane
 Concen: 5.224 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

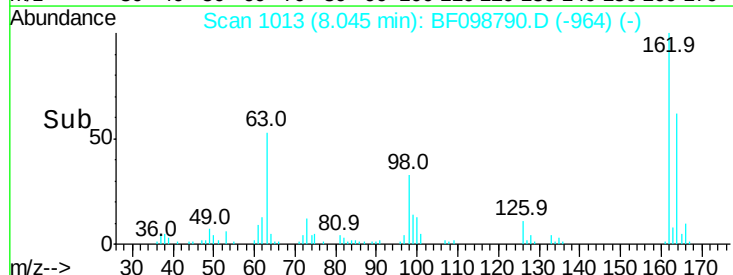
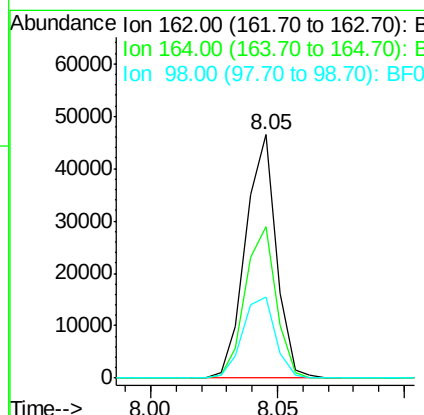
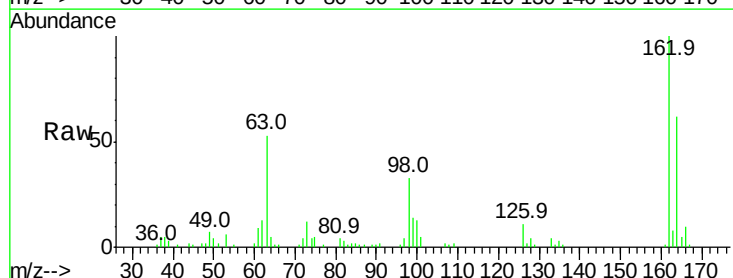
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

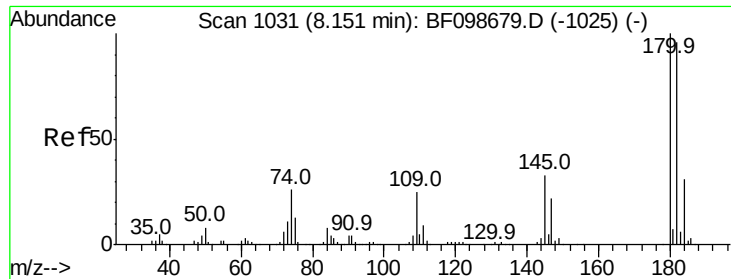
Tot Ion:	93	Resp:	57956
Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	10.9	9.8	14.6



#29
 2,4-Dichlorophenol
 Concen: 5.135 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:	162	Resp:	39104
Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.7	82.7
98	33.5	18.1	58.1

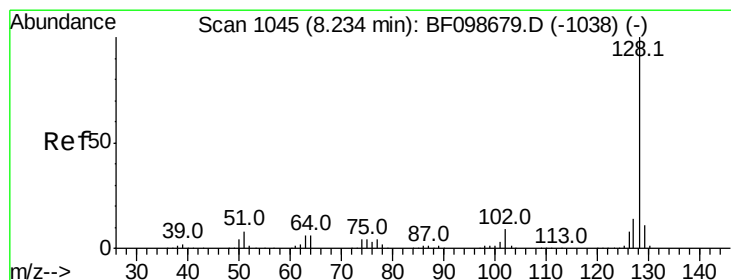
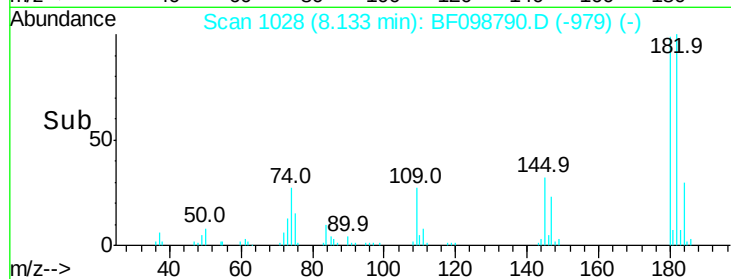
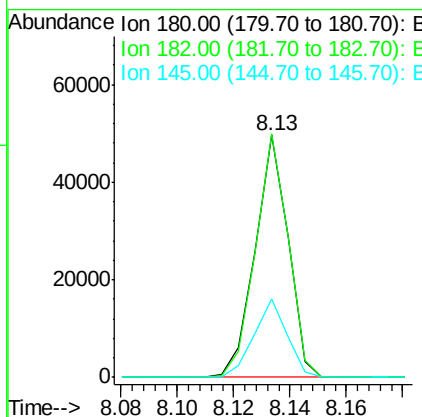
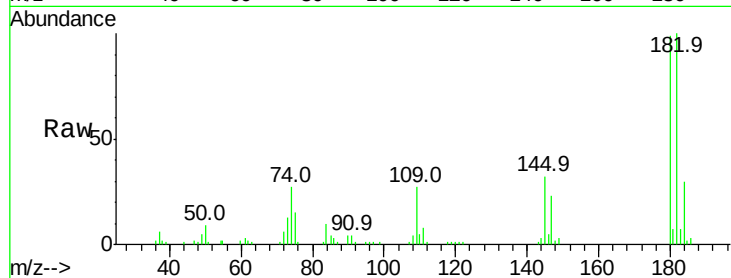




#30
 1,2,4-Trichlorobenzene
 Concen: 5.286 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

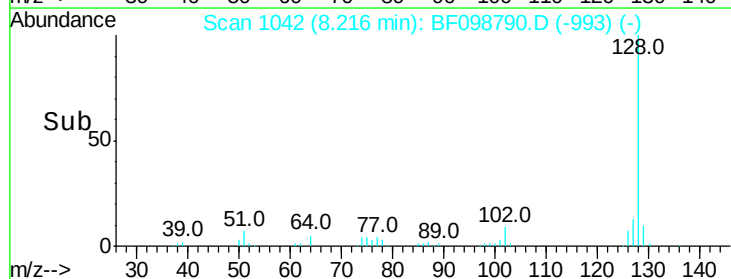
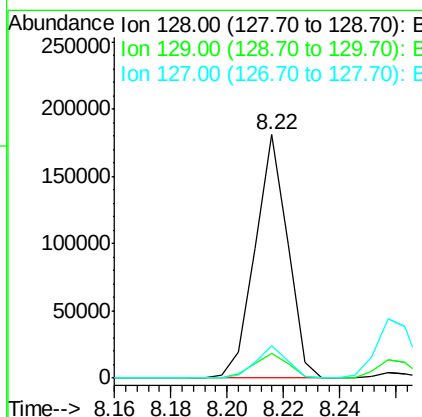
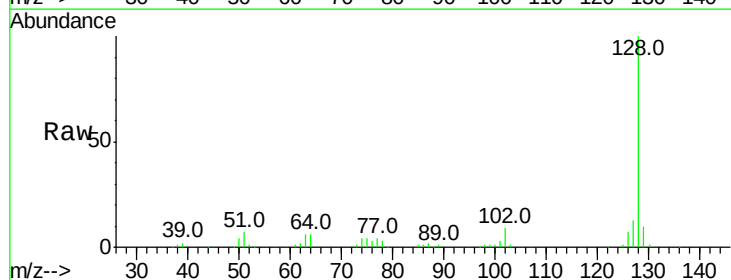
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

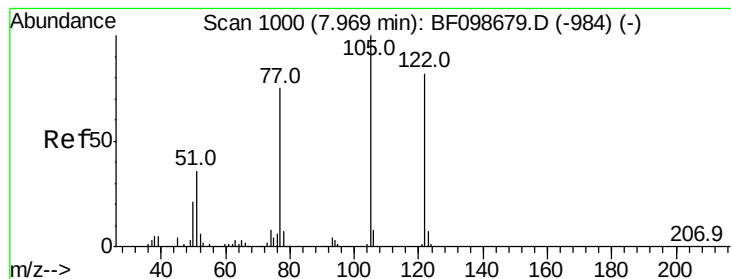
Tot Ion:180 Resp: 40266
 Ion Ratio Lower Upper
 180 100
 182 100.7 76.8 115.2
 145 32.7 26.5 39.7



#31
 Naphthalene
 Concen: 5.589 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:128 Resp: 144959
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.8 13.2
 127 13.1 10.9 16.3





#32

Benzoic acid

Concen: 2.820 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.09 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

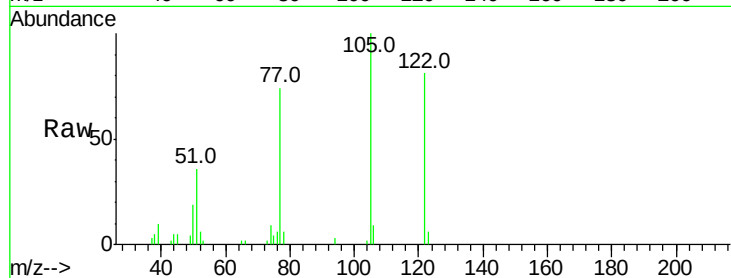
Tot Ion:122 Resp: 20548

Ion Ratio Lower Upper

122 100

105 123.3 101.1 141.1

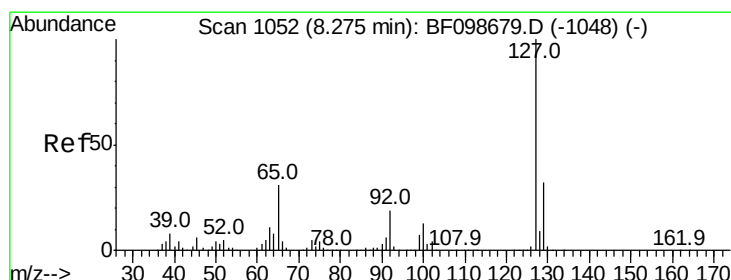
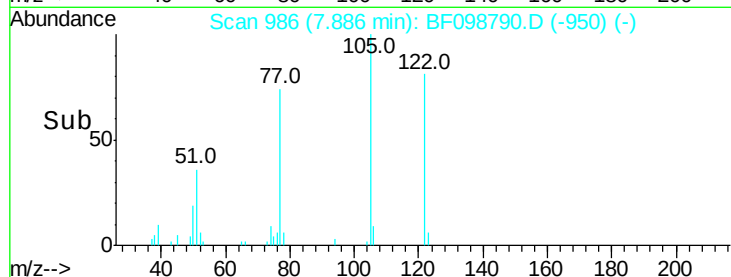
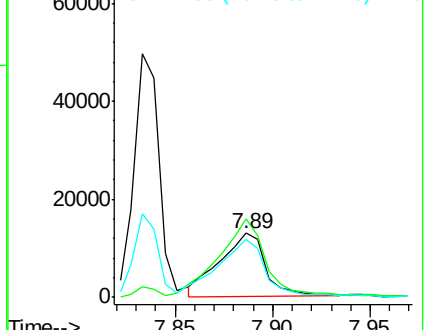
77 91.4 70.7 110.7



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: 3.623 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Tgt Ion:127 Resp: 39240

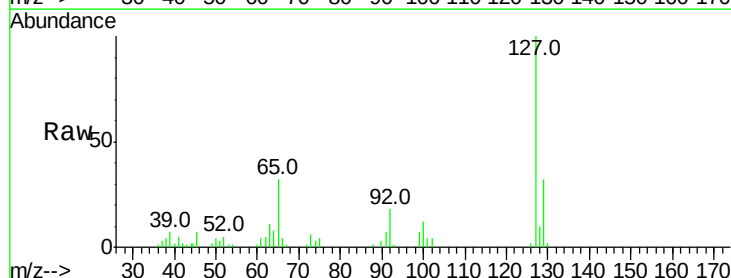
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 31.6 25.0 37.4

92 17.7 15.2 22.8

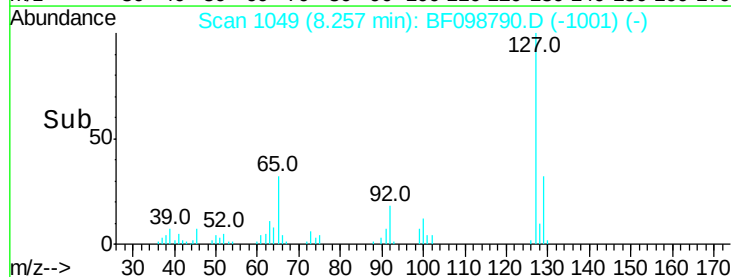
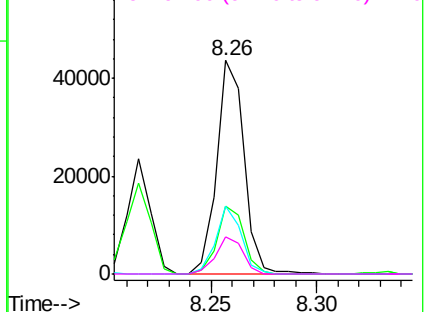


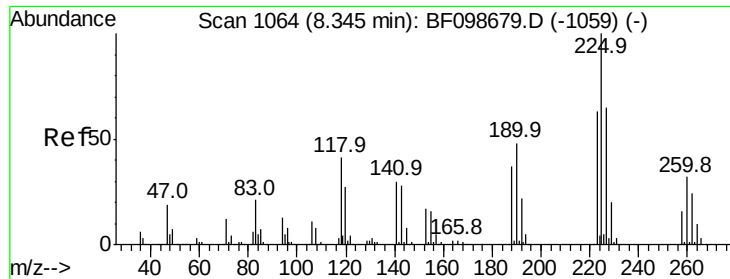
Abundance Ion 127.00 (126.70 to 127.70): E

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

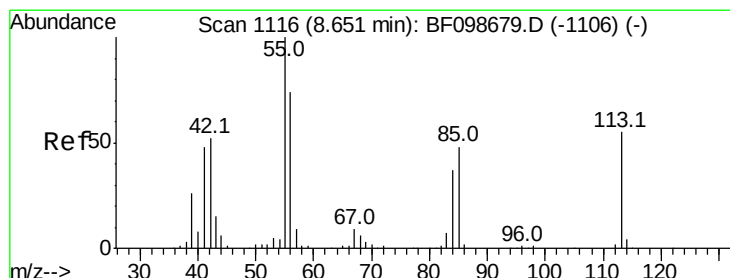
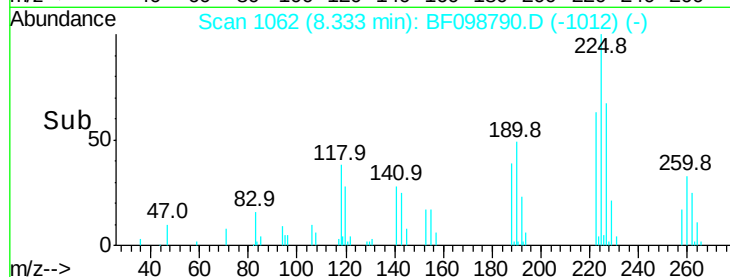
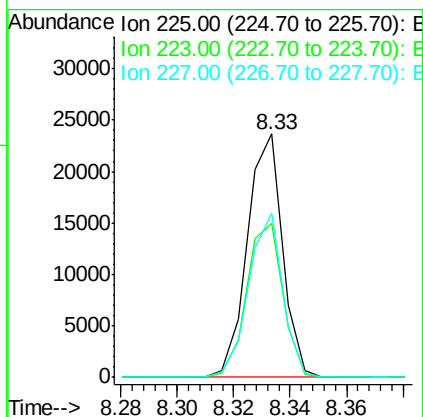
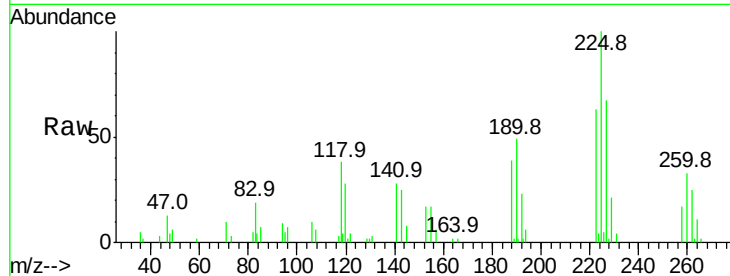




#34
 Hexachlorobutadiene
 Concen: 5.196 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

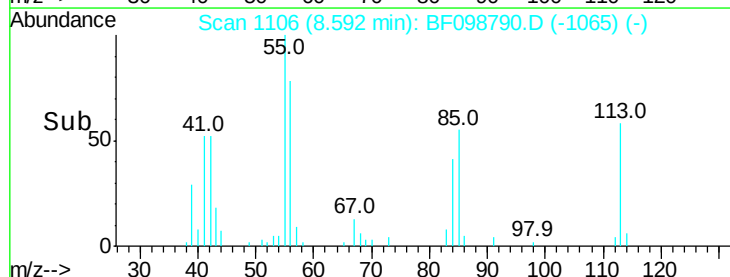
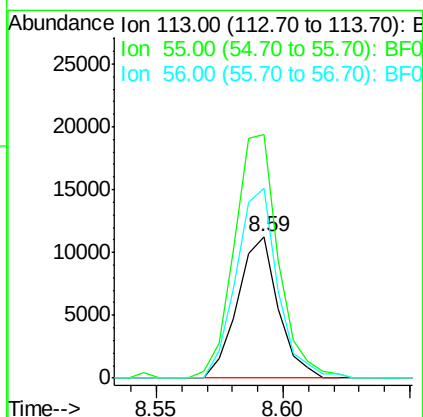
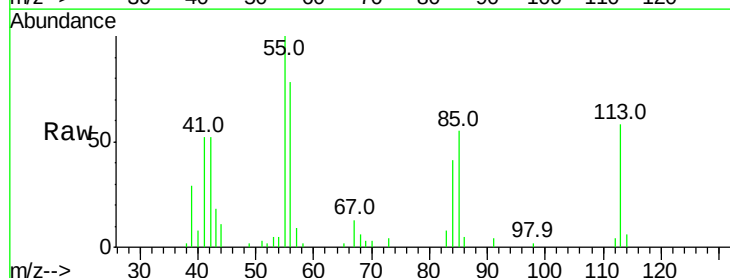
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

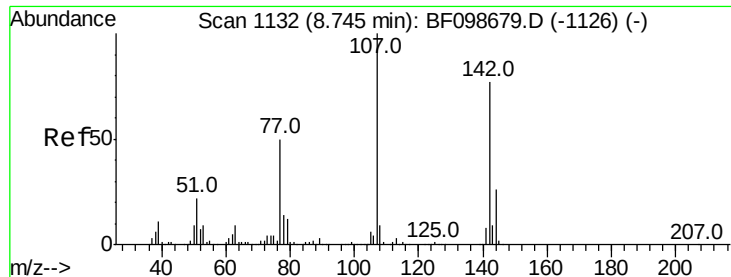
Tot Ion: 225 Resp: 20384
 Ion Ratio Lower Upper
 225 100
 223 63.4 50.6 76.0
 227 67.5 51.9 77.9



#35
 Caprolactam
 Concen: 5.158 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.06 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion: 113 Resp: 12600
 Ion Ratio Lower Upper
 113 100
 55 172.4 163.3 203.3
 56 134.2 115.7 155.7

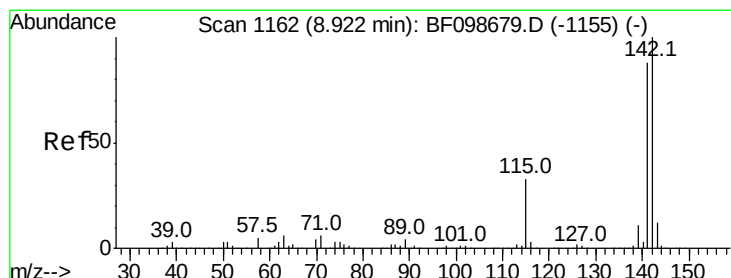
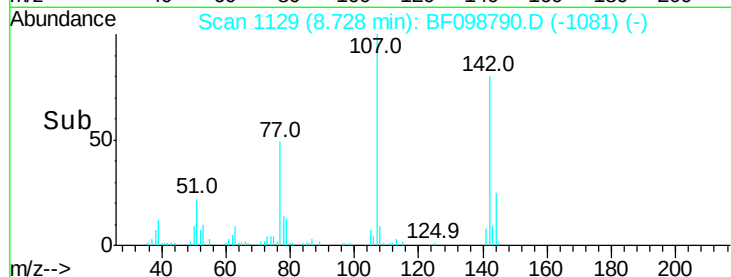
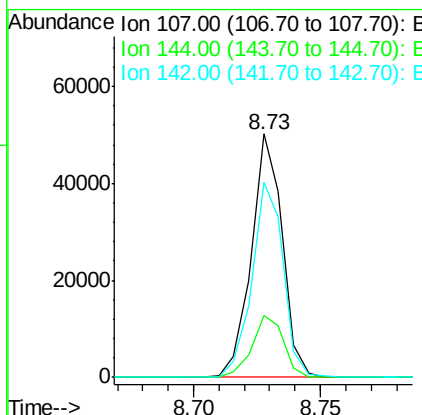
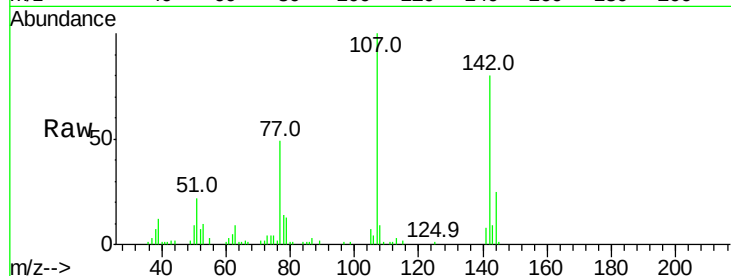




#36
 4-Chloro-3-methylphenol
 Concen: 4.971 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

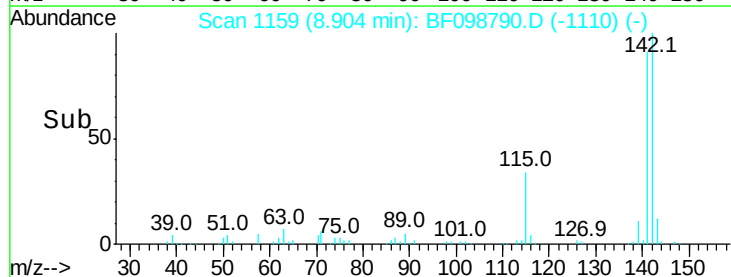
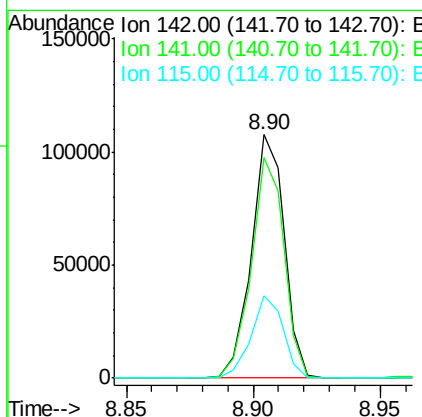
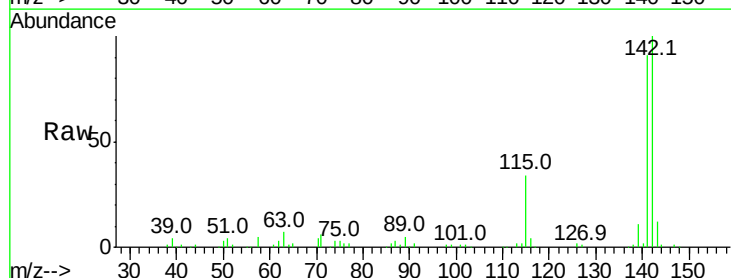
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

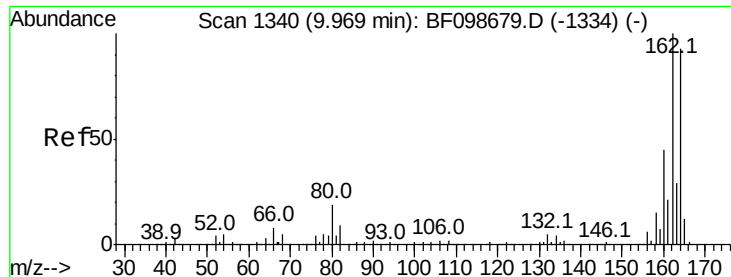
Tot Ion:107 Resp: 42554
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 80.3 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 5.788 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:142 Resp: 97577
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.8 106.2
 115 33.7 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

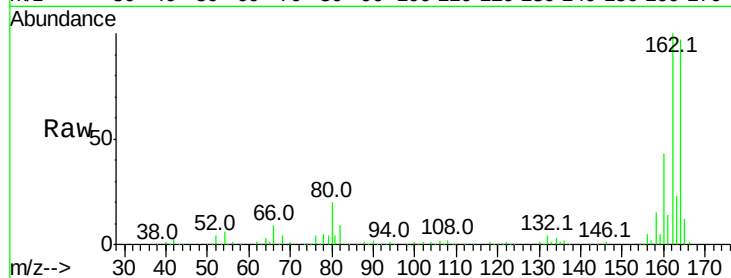
Tot Ion:164 Resp: 254592

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

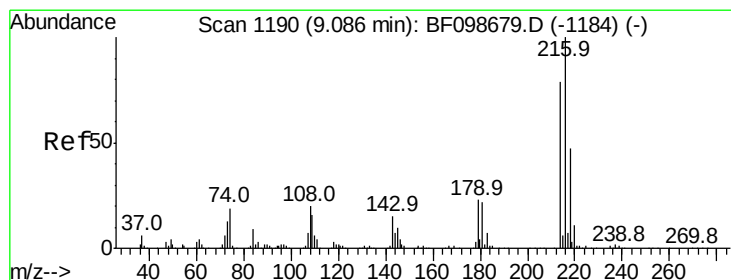
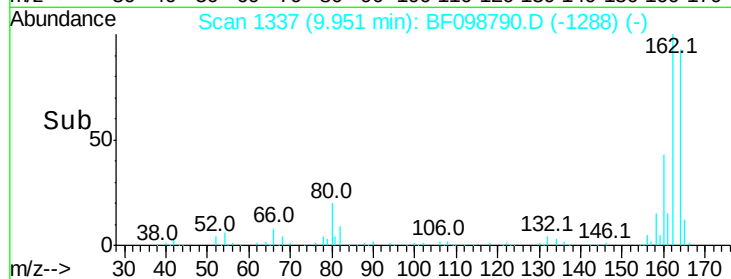
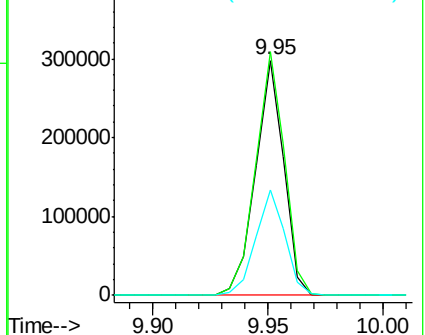
160 44.7 38.3 57.5



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: 4.986 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Tgt Ion:216 Resp: 37855

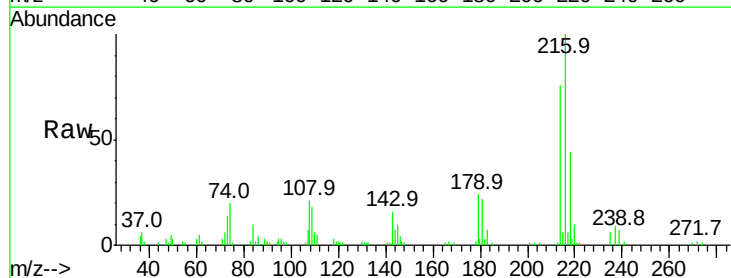
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 22.3 18.1 27.1

108 24.2 17.2 25.8

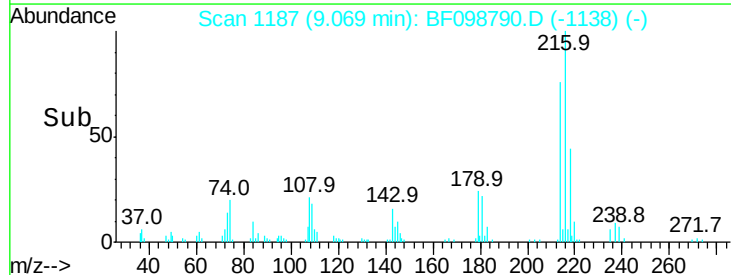
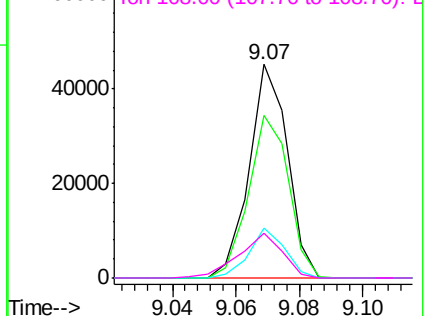


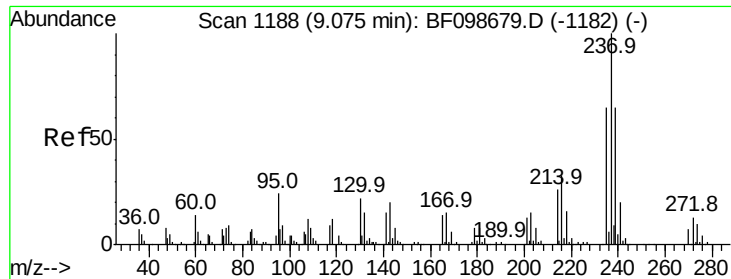
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

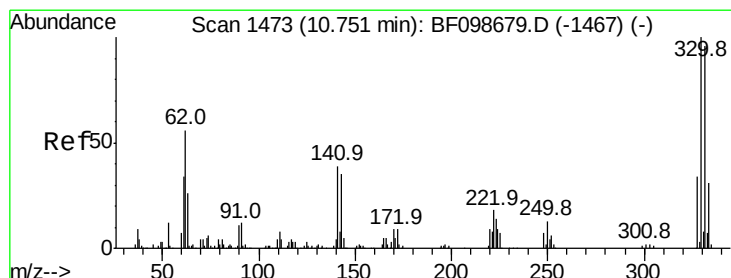
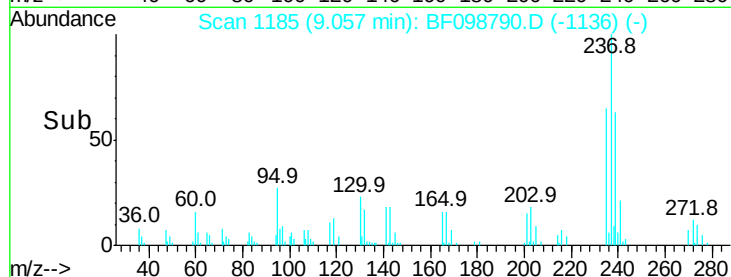
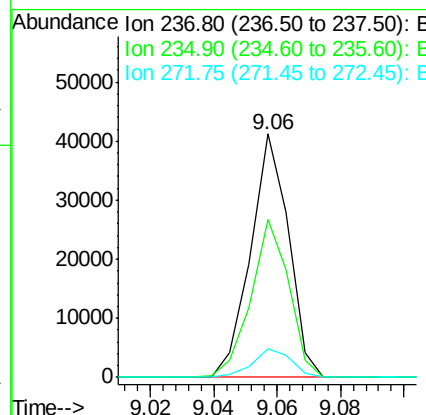
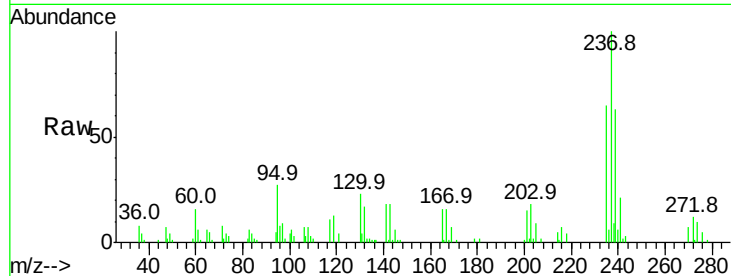




#40
Hexachlorocyclopentadiene
Concen: 9.829 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

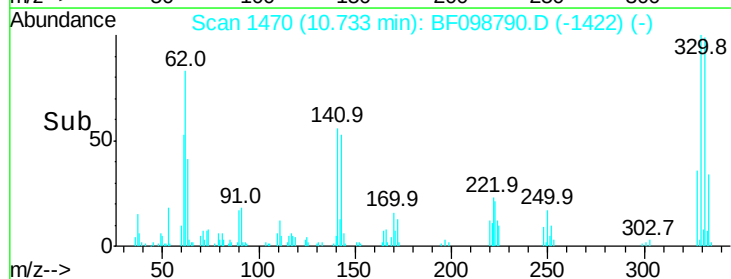
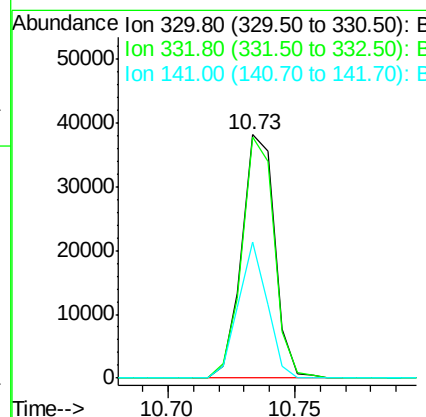
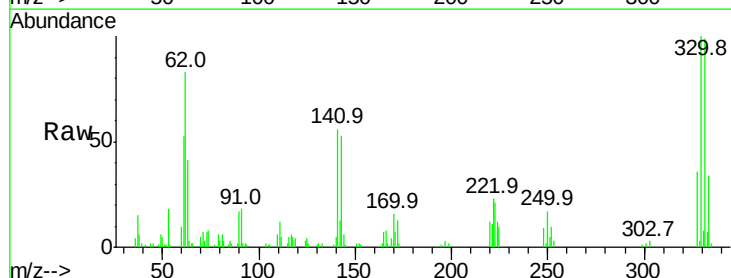
Instrument :
BNA_F
ClientSampleId :
PB102556BS

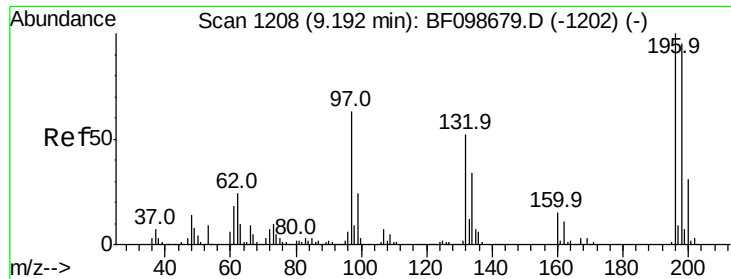
Tot Ion:237 Resp: 34104
Ion Ratio Lower Upper
237 100
235 64.7 44.8 84.8
272 11.9 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 16.559 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Tgt Ion:330 Resp: 34497
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 48.7 29.9 44.9#

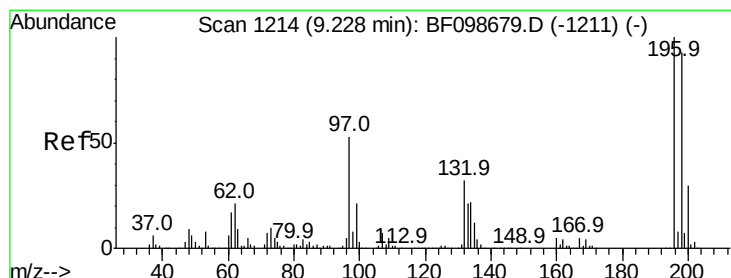
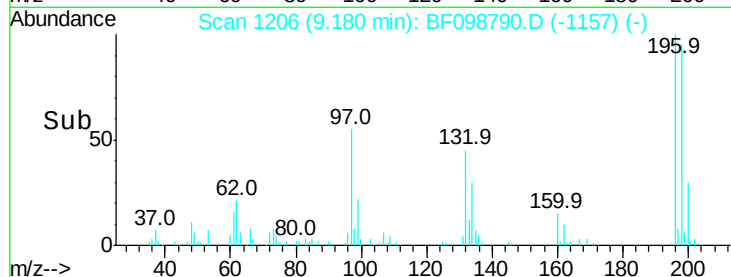
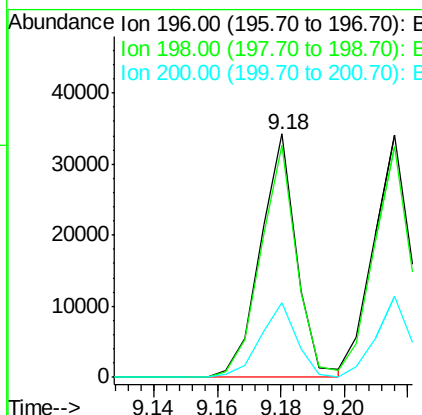
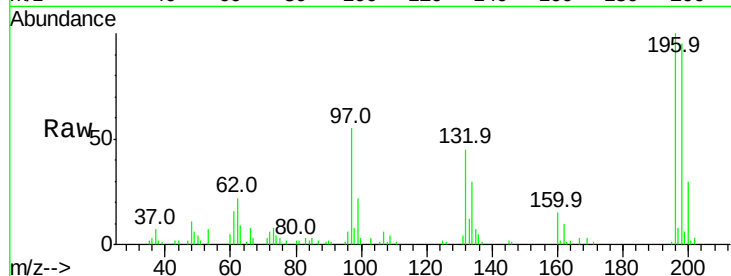




#42
 2,4,6-Trichlorophenol
 Concen: 5.046 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

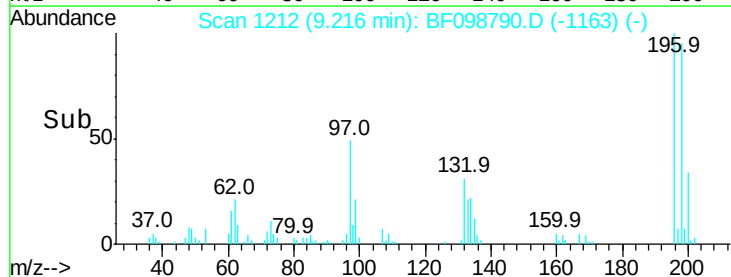
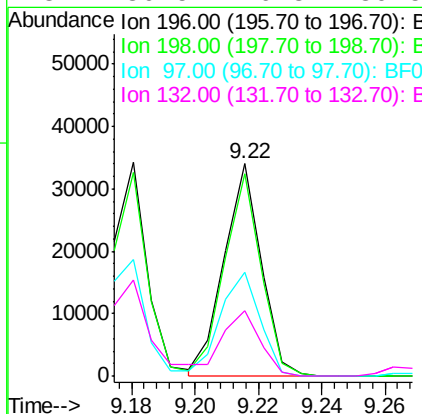
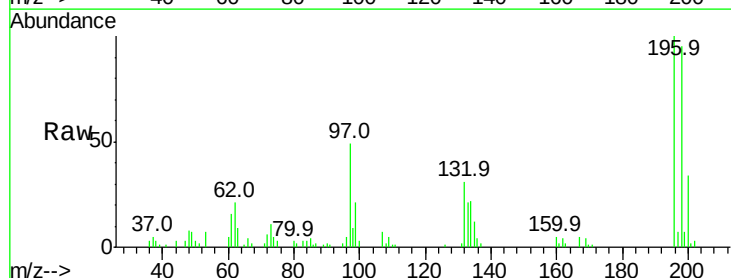
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

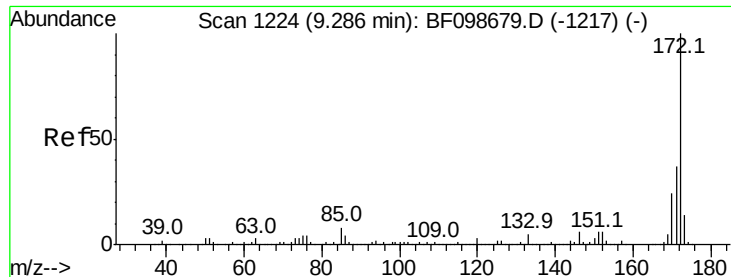
Tot Ion:196 Resp: 27143
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 30.5 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 5.153 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:196 Resp: 27667
 Ion Ratio Lower Upper
 196 100
 198 95.3 74.6 112.0
 97 49.0 42.9 64.3
 132 30.5 26.3 39.5

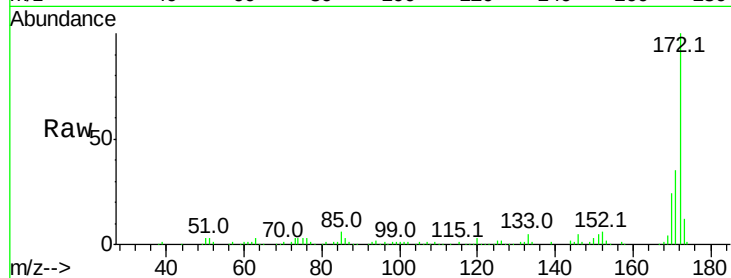




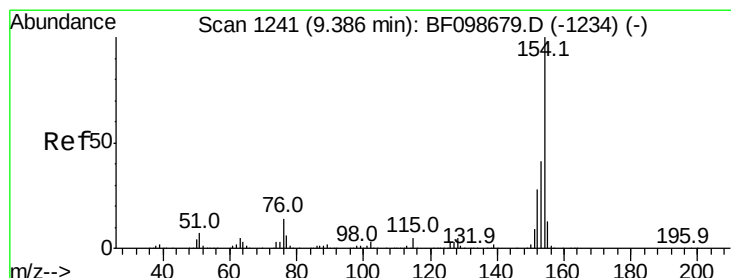
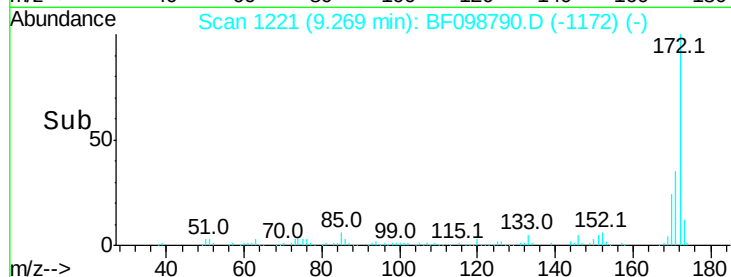
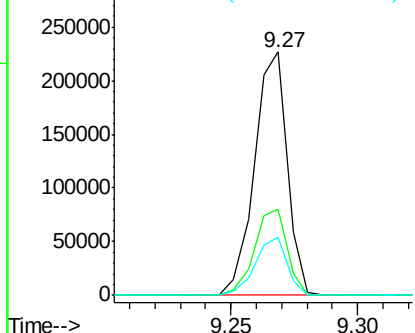
#44
 2-Fluorobiphenyl
 Concen: 13.413 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.8	19.6	29.4

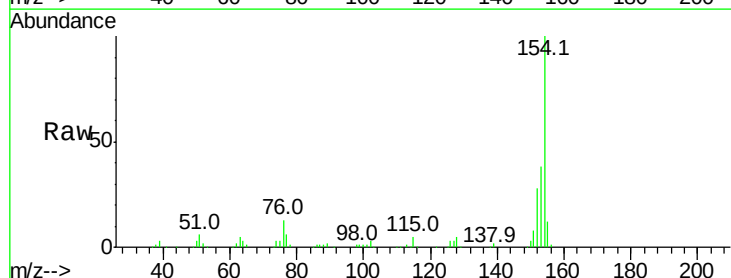


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

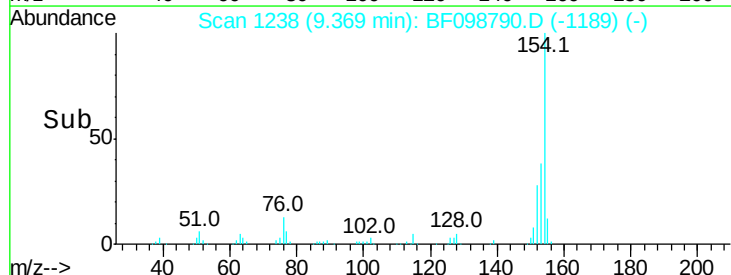
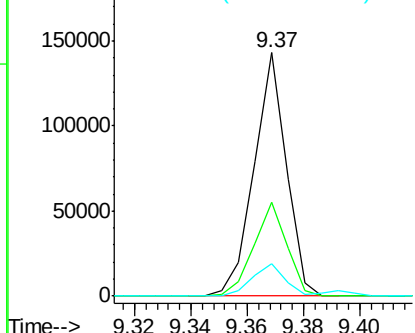


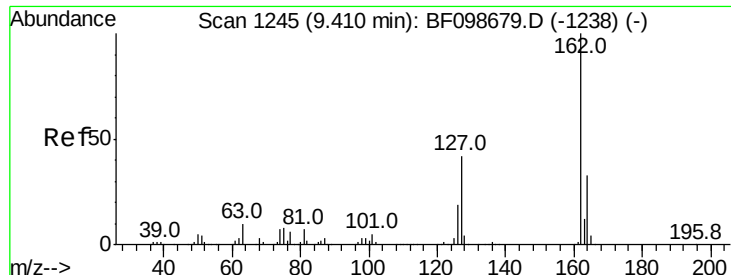
#45
 1,1'-Biphenyl
 Concen: 5.187 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.4	21.3	61.3
76	13.4	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

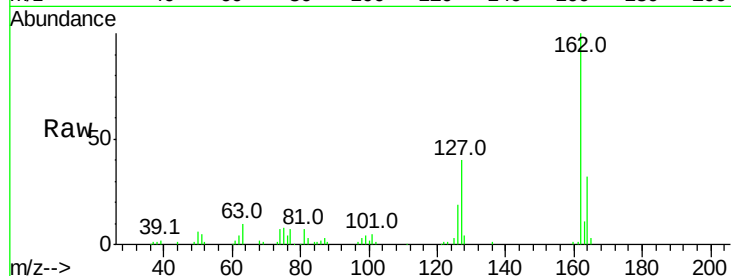




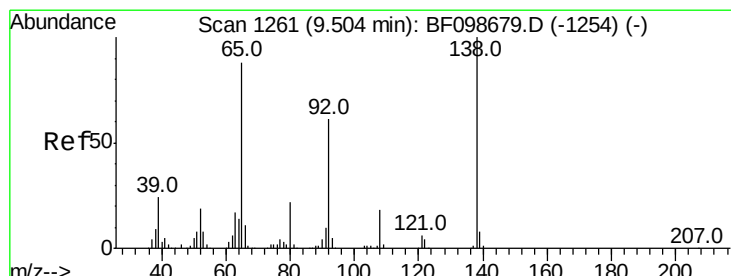
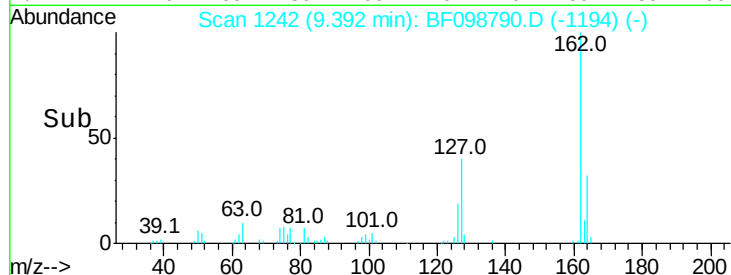
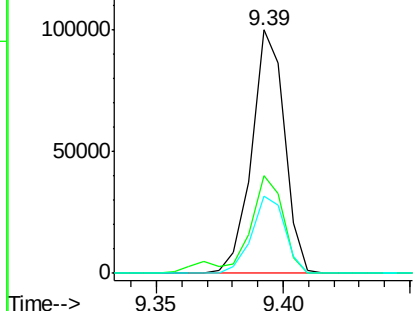
#46
 2-Chloronaphthalene
 Concen: 5.468 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

Tot Ion:	162	Resp:	89834
Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	31.8	26.5	39.7

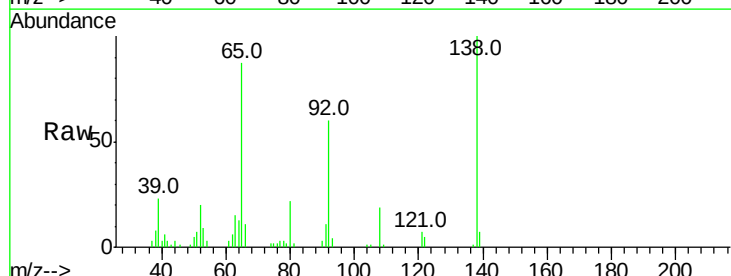


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

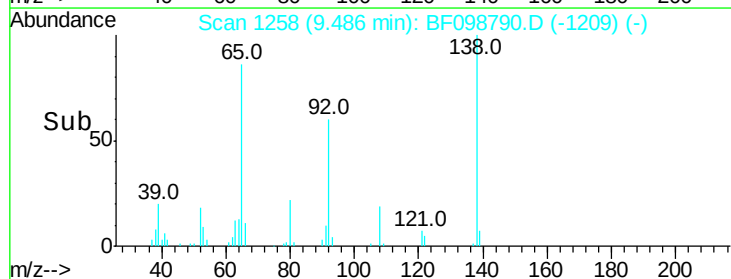
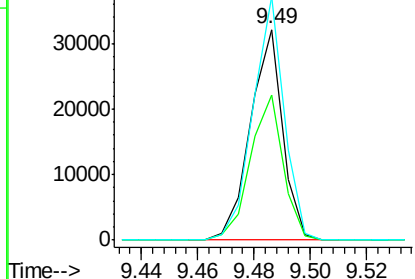


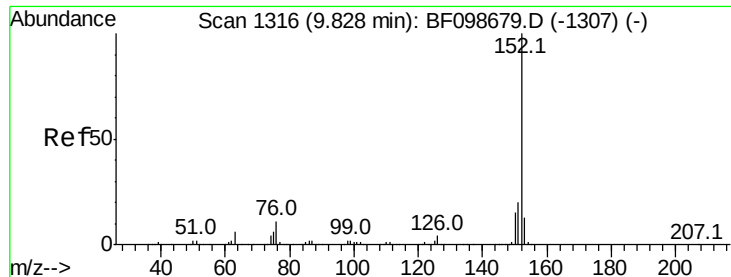
#47
 2-Nitroaniline
 Concen: 5.057 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:	65	Resp:	25437
Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.8	83.6
138	115.5	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 5.359 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

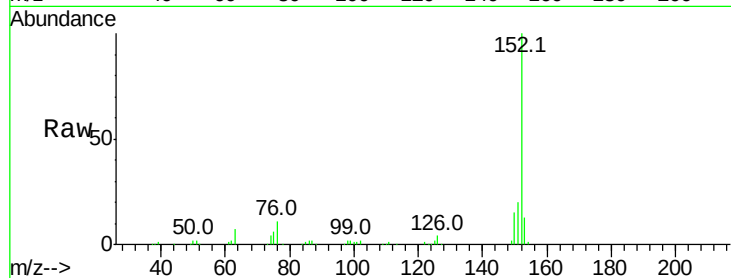
Tot Ion:152 Resp: 134786

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

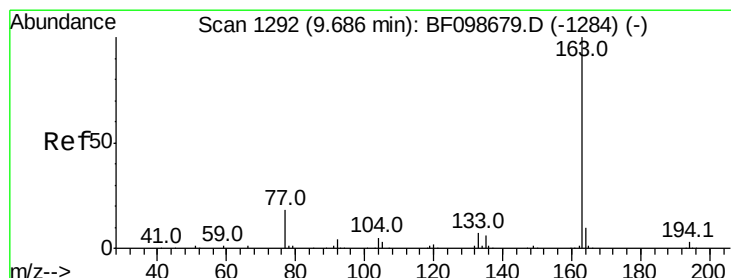
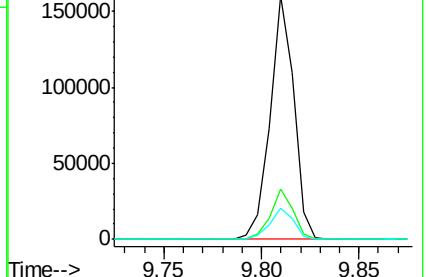
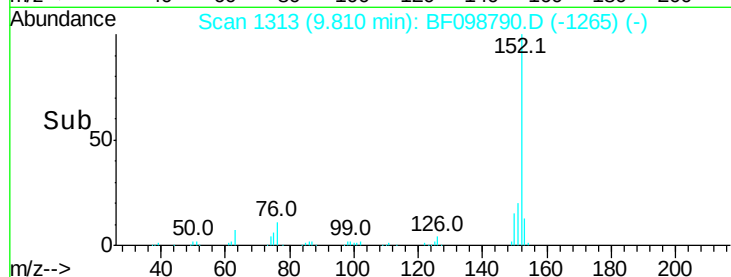
153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.437 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

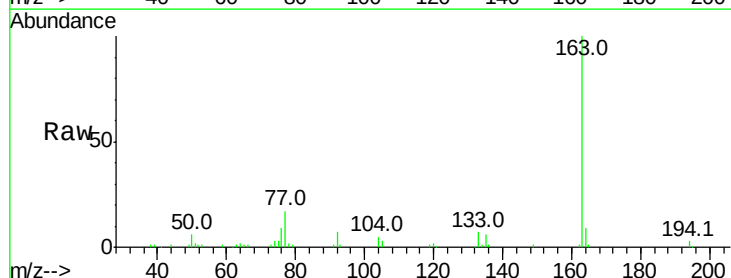
Tgt Ion:163 Resp: 104470

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

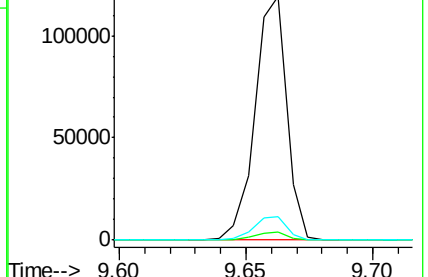
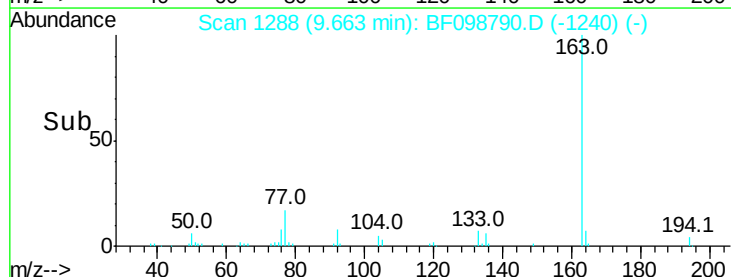
164 9.4 8.2 12.2

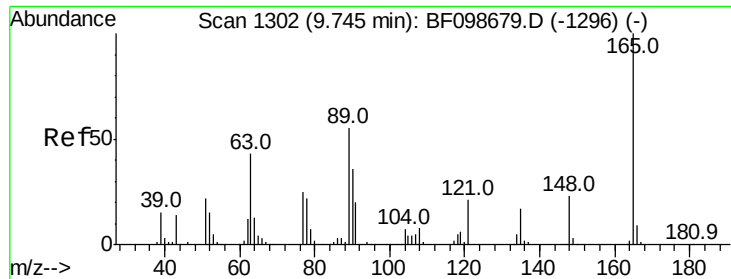


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

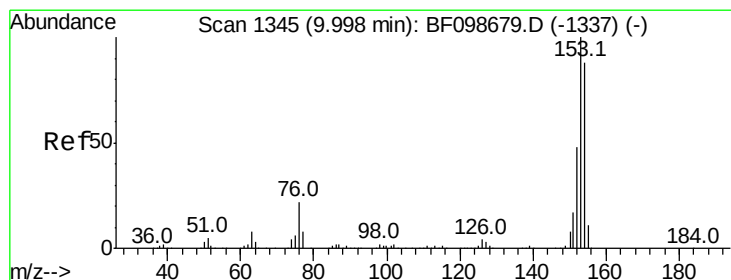
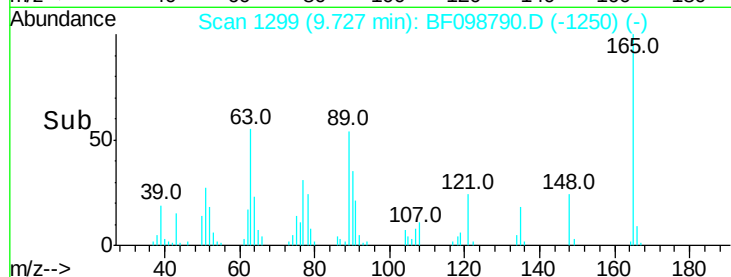
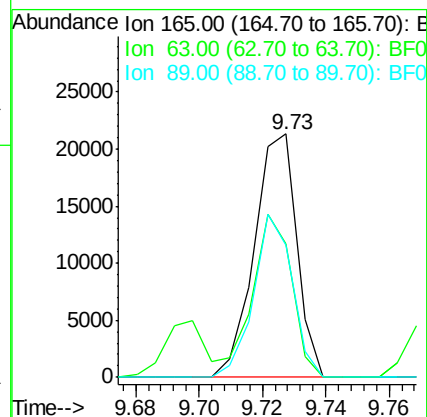
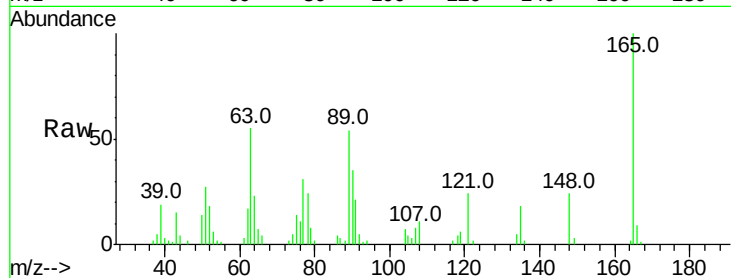




#50
 2,6-Dinitrotoluene
 Concen: 4.739 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

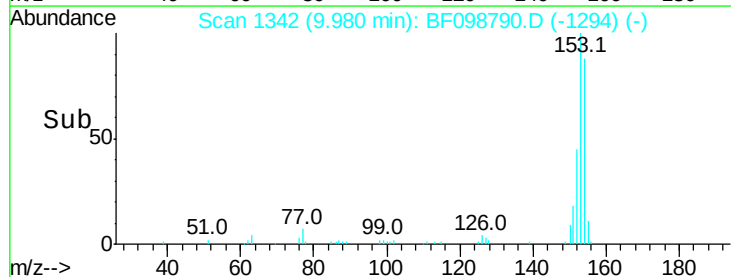
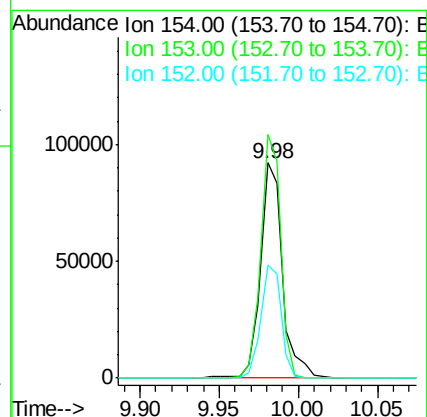
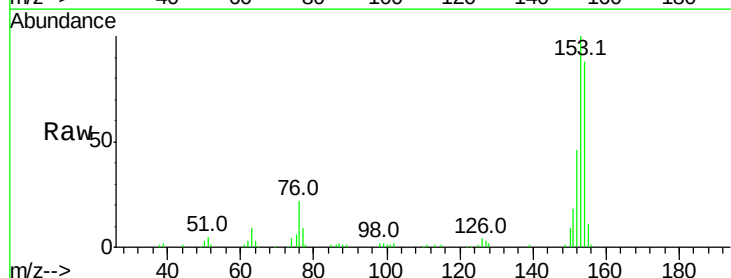
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

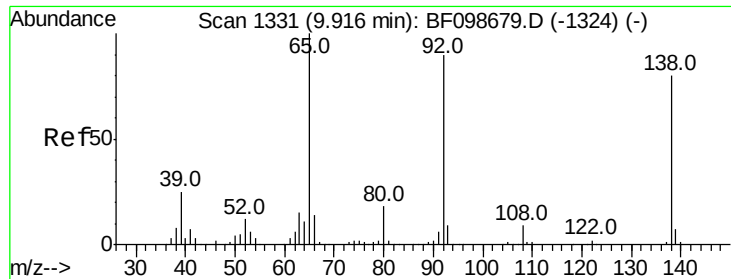
Tot Ion:165 Resp: 19824
 Ion Ratio Lower Upper
 165 100
 63 54.9 44.7 67.1
 89 54.1 44.0 66.0



#51
 Acenaphthene
 Concen: 5.593 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.02 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:154 Resp: 89105
 Ion Ratio Lower Upper
 154 100
 153 113.2 91.2 136.8
 152 52.6 43.8 65.8

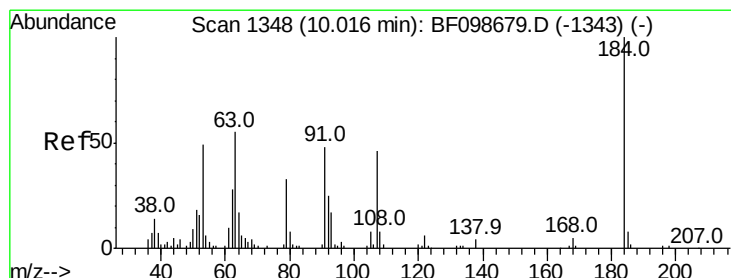
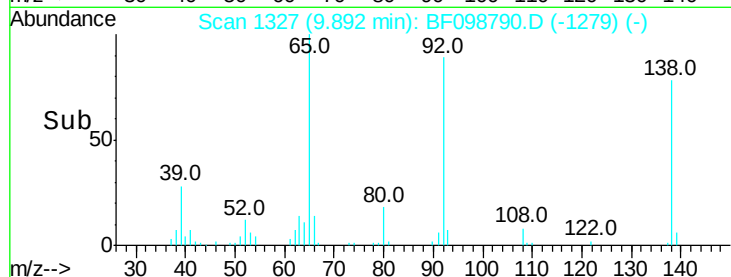
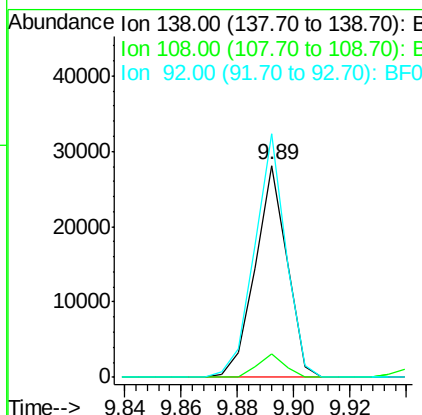
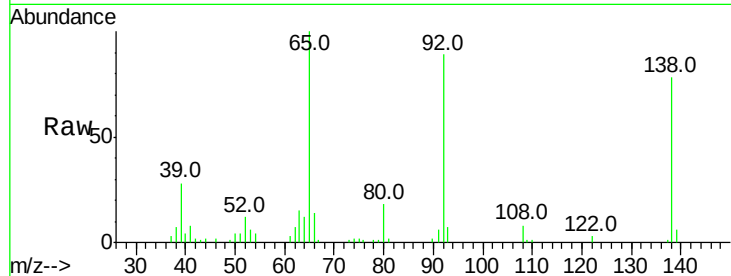




#52
 3-Nitroaniline
 Concen: 4.508 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

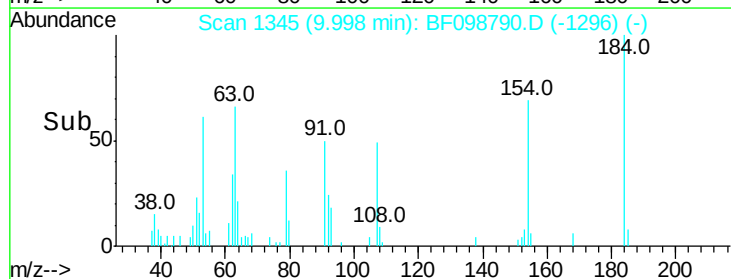
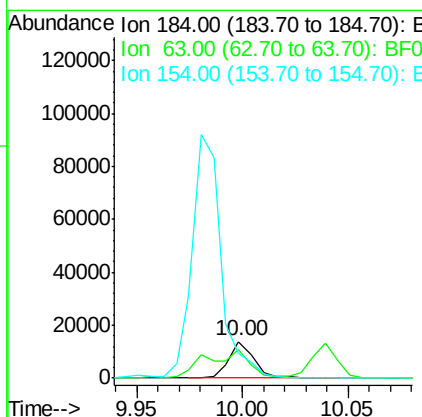
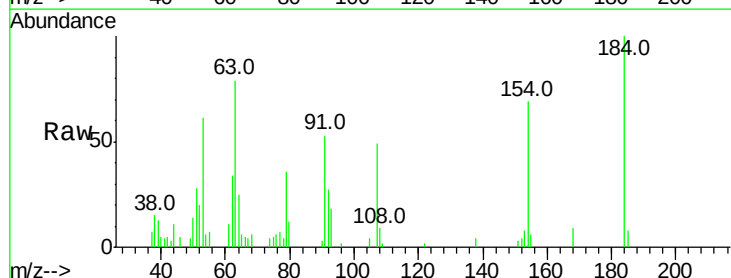
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

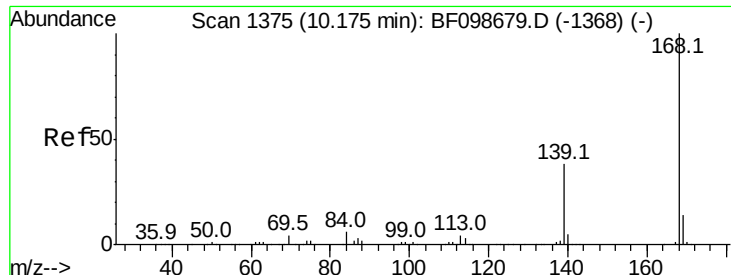
Tot Ion:138 Resp: 21989
 Ion Ratio Lower Upper
 138 100
 108 10.9 9.4 14.0
 92 114.9 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 10.575 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:184 Resp: 11151
 Ion Ratio Lower Upper
 184 100
 63 79.1 54.2 81.2
 154 69.0 53.5 80.3





#54

Dibenzenofuran

Concen: 5.896 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

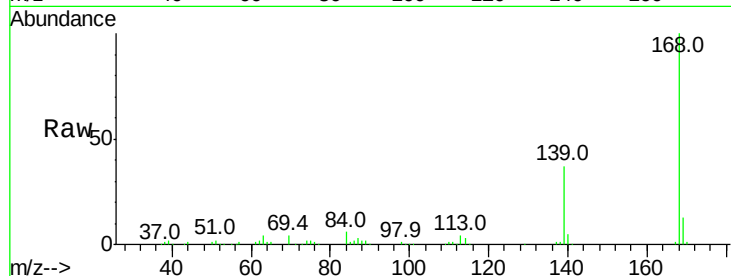
Tot Ion:168 Resp: 125057

Ion Ratio Lower Upper

168 100

139 37.2 30.1 45.1

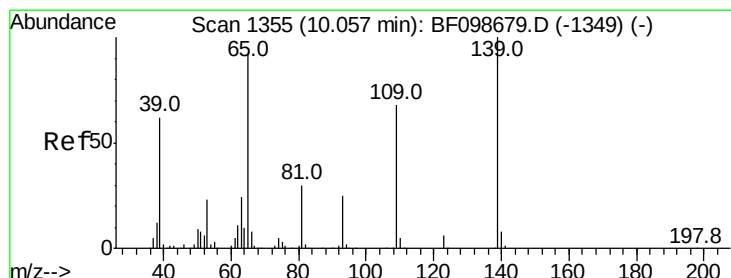
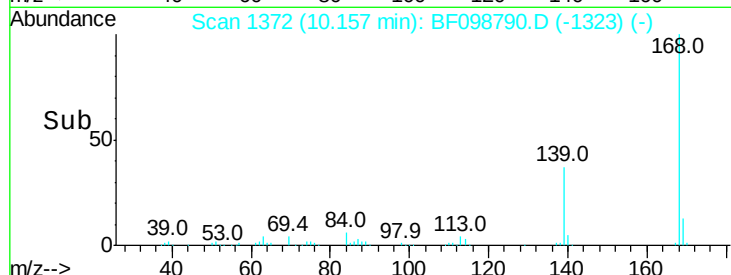
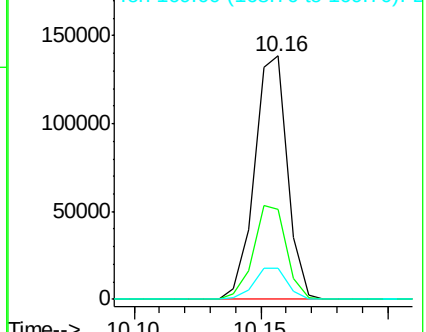
169 12.6 10.9 16.3



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: 9.530 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

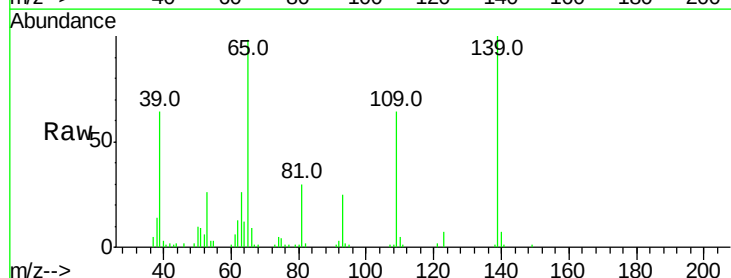
Tgt Ion:139 Resp: 39308

Ion Ratio Lower Upper

139 100

109 64.2 48.4 88.4

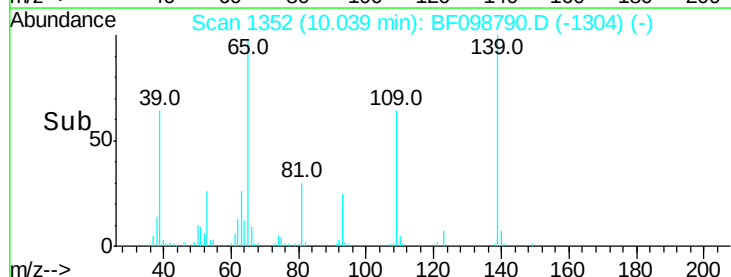
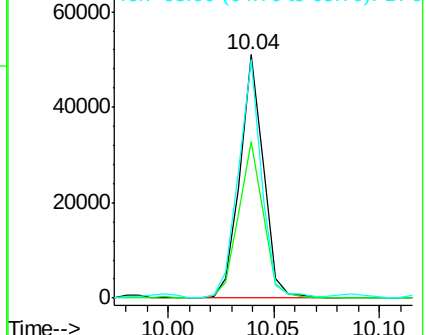
65 98.1 72.6 112.6

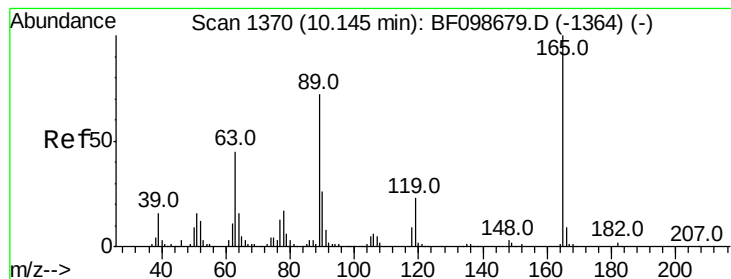


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.061 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

Tot Ion:165 Resp: 27476

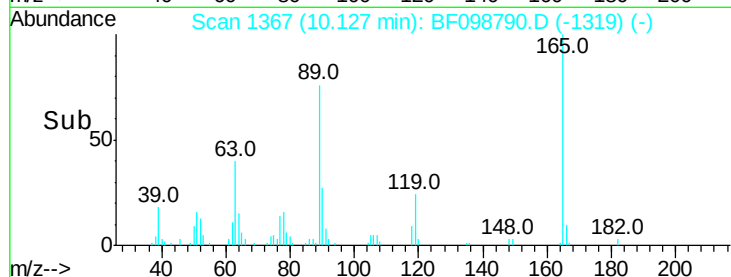
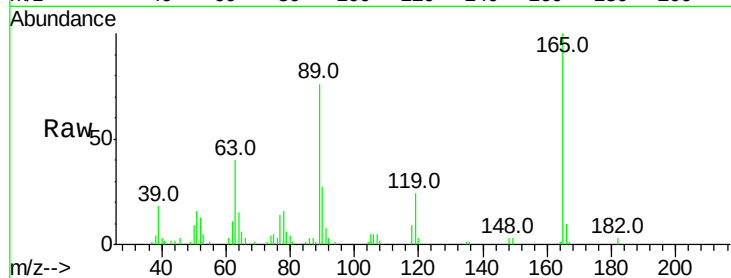
Ion Ratio Lower Upper

165 100

63 40.1 36.4 54.6

89 75.9 57.8 86.6

182 2.6 1.6 2.4#

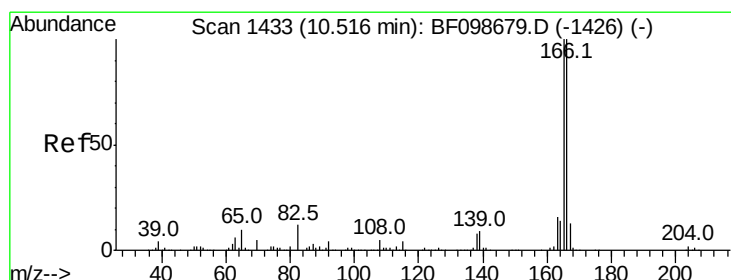
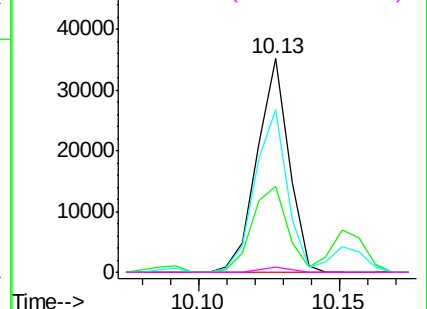


Abundance Ion 165.00 (164.70 to 165.70): E

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: 5.850 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

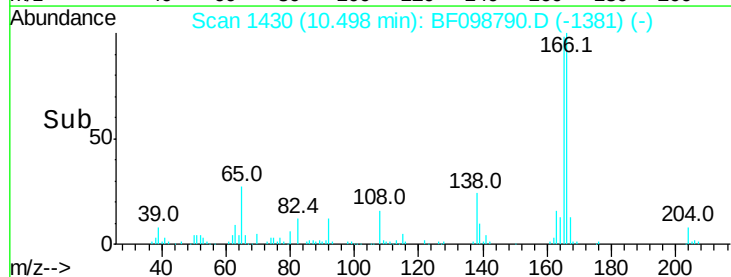
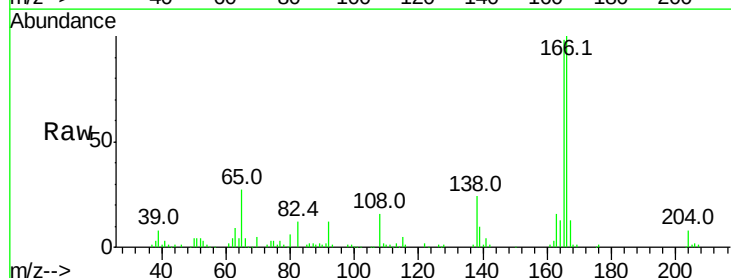
Tgt Ion:166 Resp: 99727

Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.8

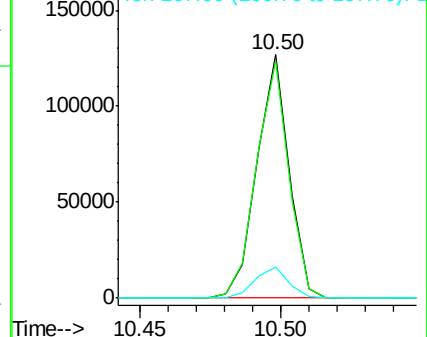
167 12.8 10.6 16.0

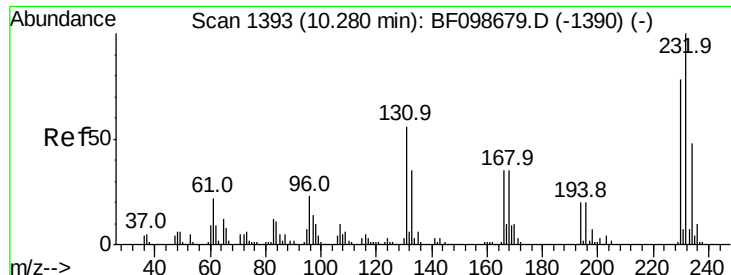


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

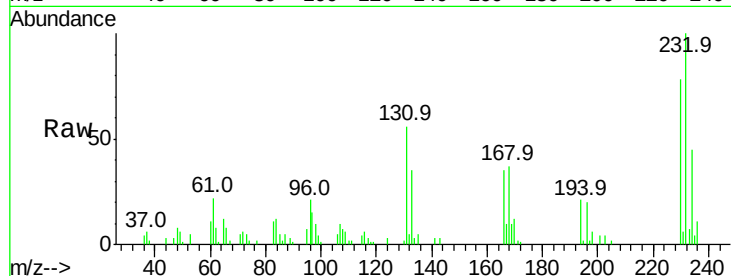




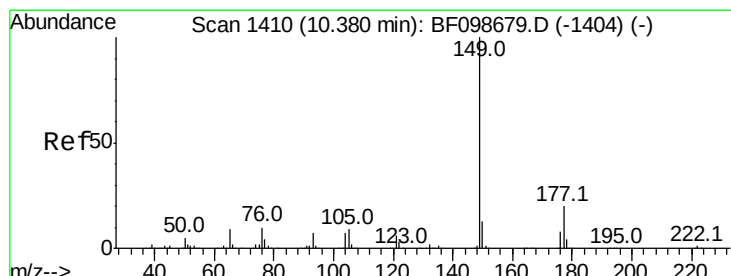
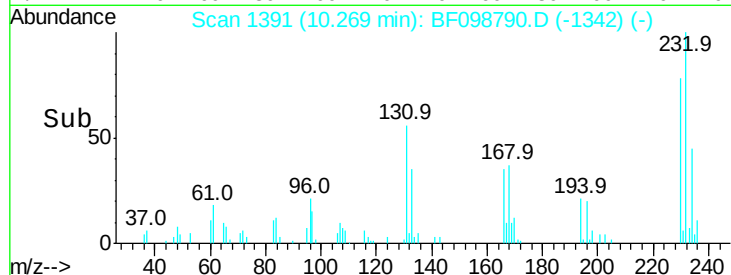
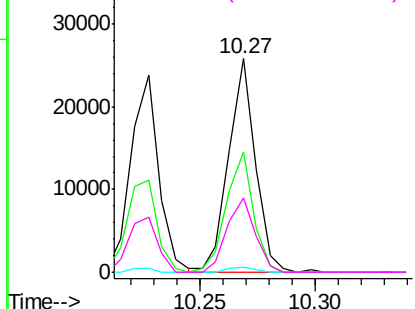
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.661 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

Tot Ion:232 Resp: 20999
 Ion Ratio Lower Upper
 232 100
 131 56.2 43.8 65.8
 130 2.4 2.1 3.1
 166 36.0 27.8 41.6

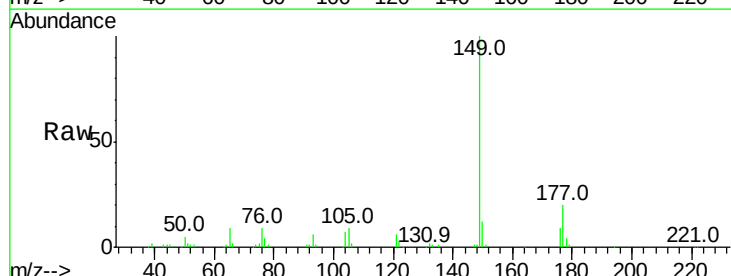


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

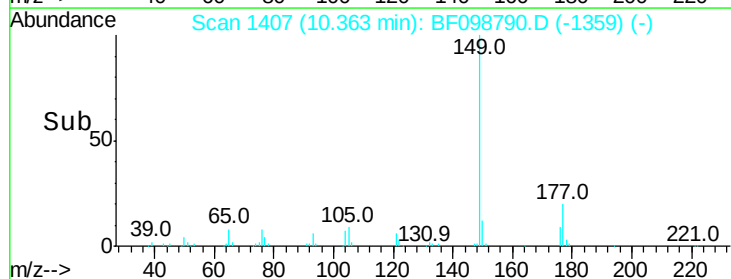
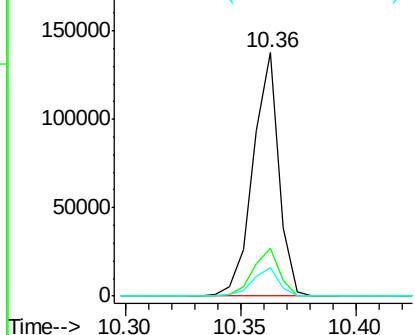


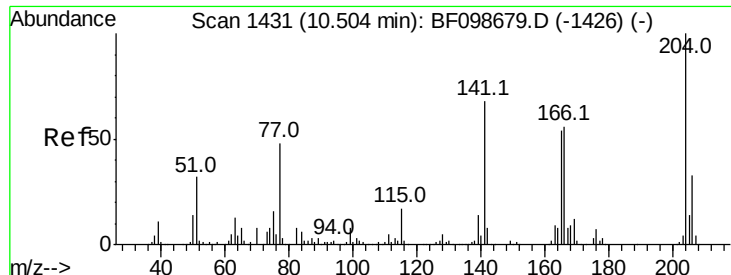
#59
 Diethylphthalate
 Concen: 5.736 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:149 Resp: 107693
 Ion Ratio Lower Upper
 149 100
 177 19.7 16.1 24.1
 150 11.9 10.1 15.1



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

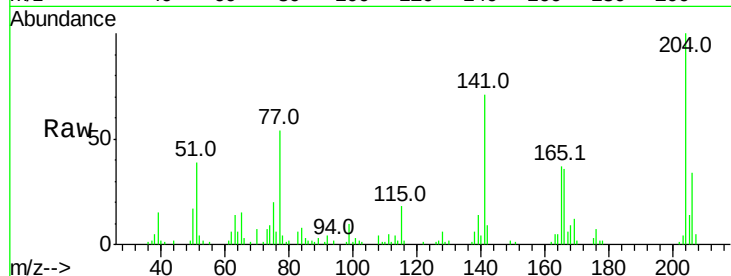




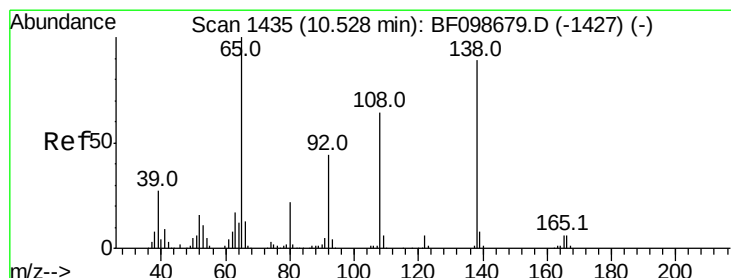
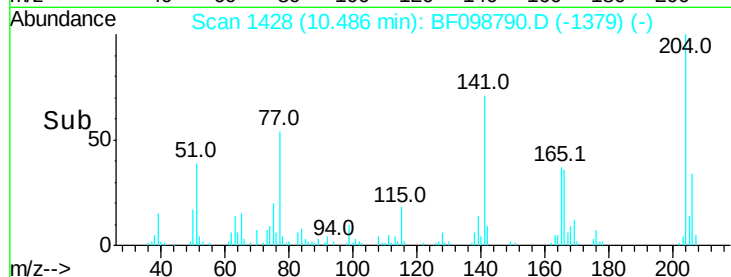
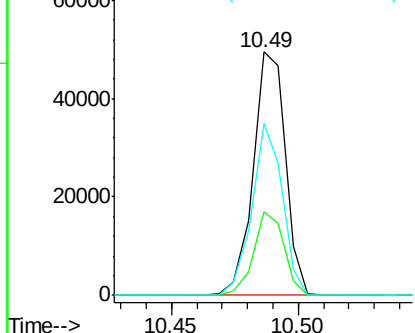
#60
 4-Chlorophenyl-phenylether
 Concen: 5.752 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

Tot Ion:204 Resp: 44050
 Ion Ratio Lower Upper
 204 100
 206 34.1 26.5 39.7
 141 70.6 54.6 81.8

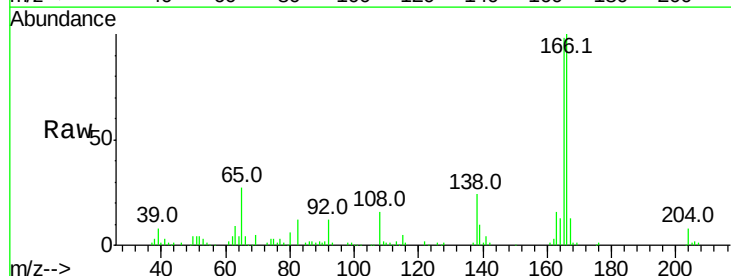


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

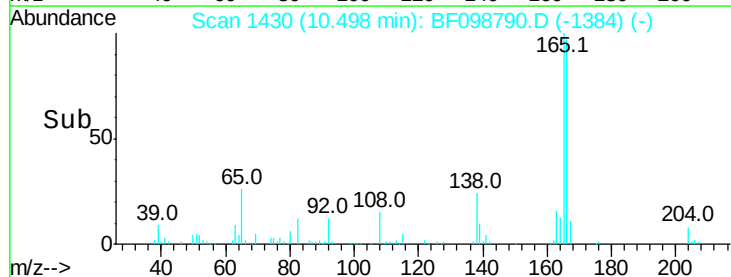
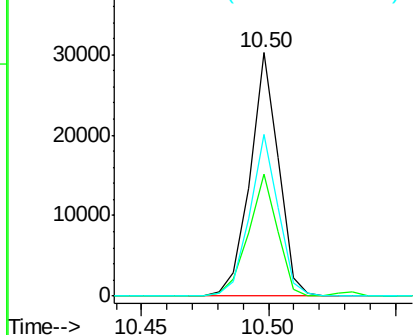


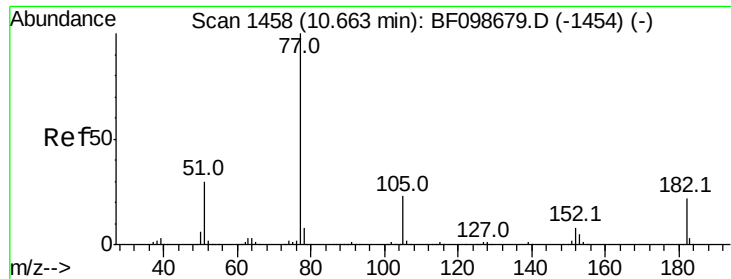
#61
 4-Nitroaniline
 Concen: 5.028 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.03 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:138 Resp: 23659
 Ion Ratio Lower Upper
 138 100
 92 50.1 30.2 70.2
 108 66.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 5.961 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

Tot Ion: 77 Resp: 102917

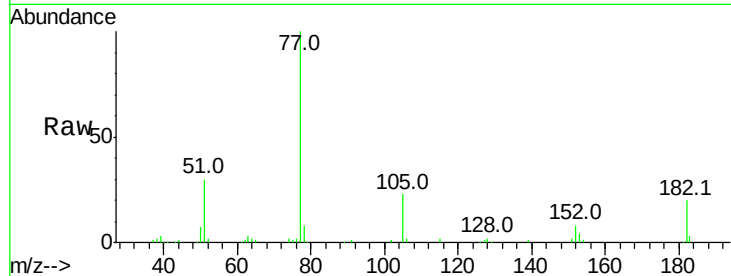
Ion Ratio Lower Upper

77 100

182 20.2 1.7 41.7

105 22.9 3.0 43.0

51 30.0 9.9 49.9

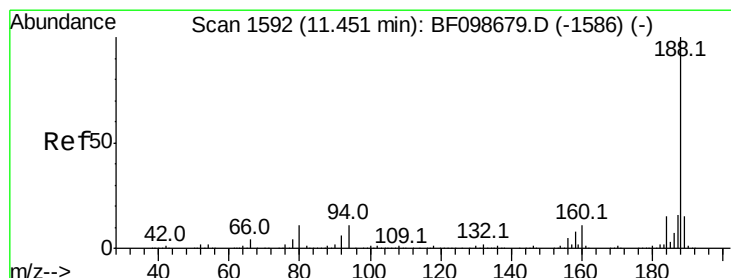
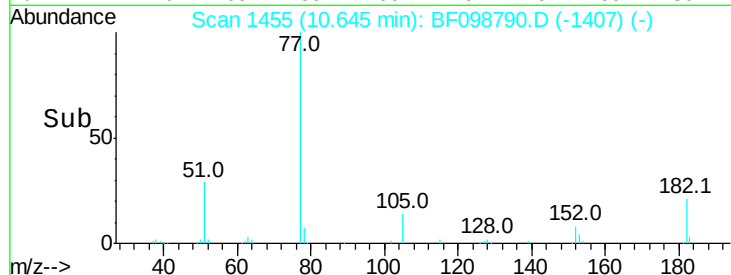
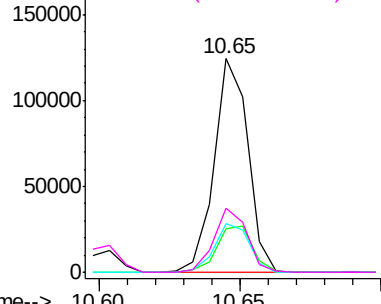


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

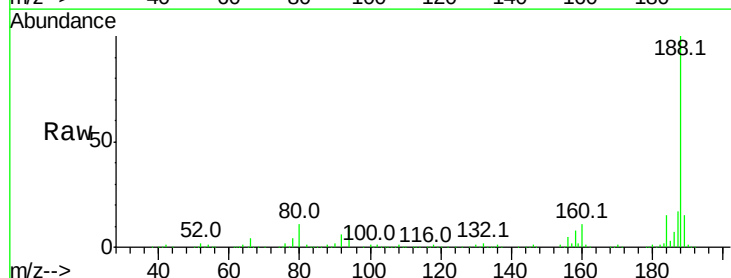
Tgt Ion: 188 Resp: 461963

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

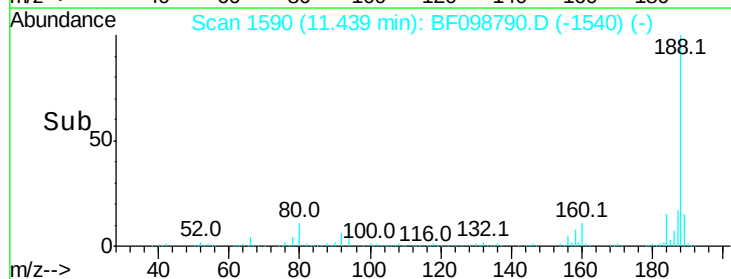
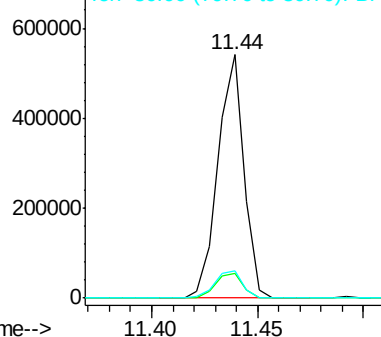
80 11.0 9.2 13.8

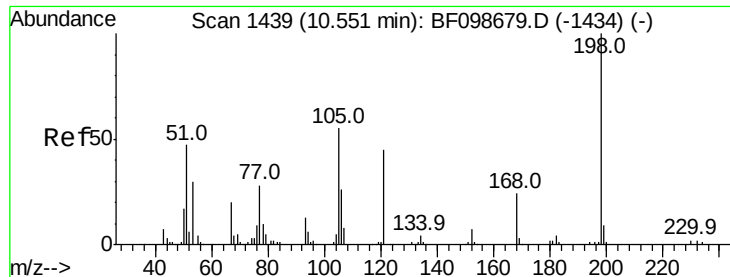


Abundance Ion 188.00 (187.70 to 188.70): E

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: 3.181 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

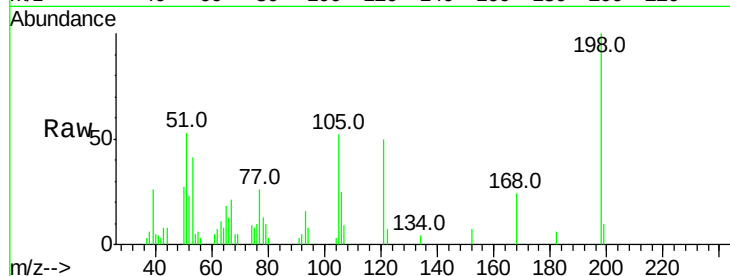
BNA_F

ClientSampleId :

PB102556BS

Tot Ion:198 Resp: 8942

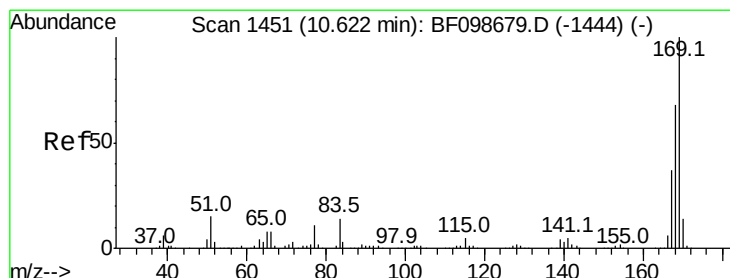
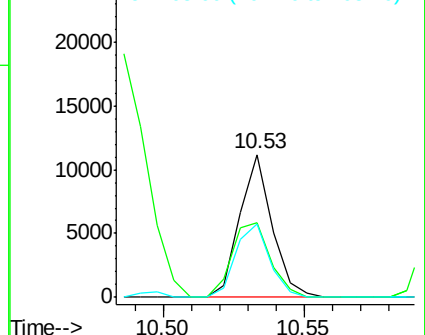
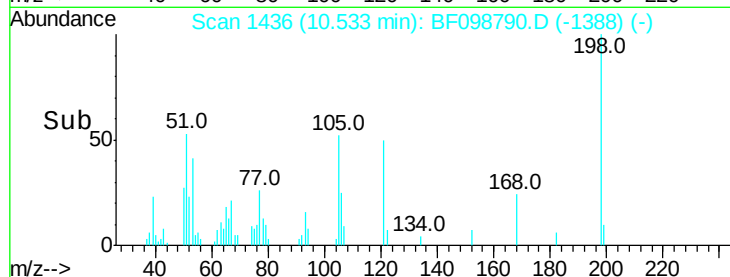
Ion	Ratio	Lower	Upper
198	100		
51	52.8	37.7	77.7
105	51.6	36.3	76.3



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: 5.309 ng

RT: 10.60 min Scan# 1448

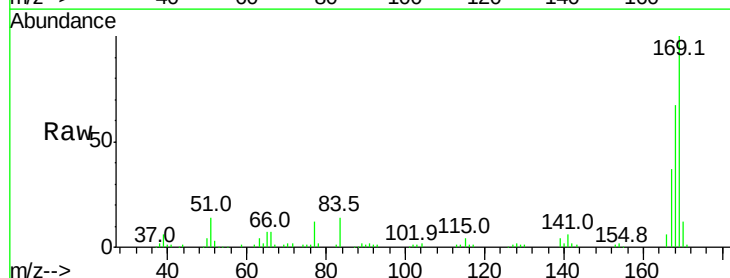
Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Tgt Ion:169 Resp: 84971

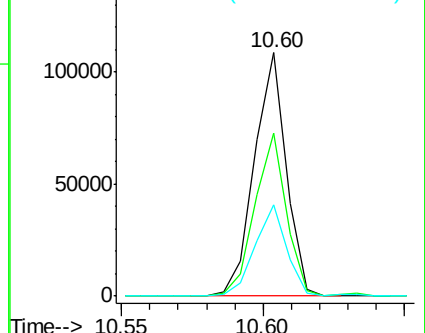
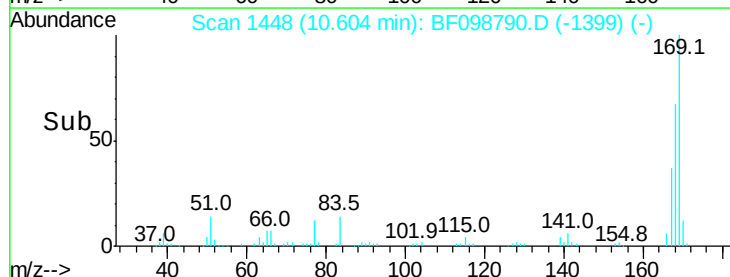
Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.4	81.6
167	37.4	29.8	44.6

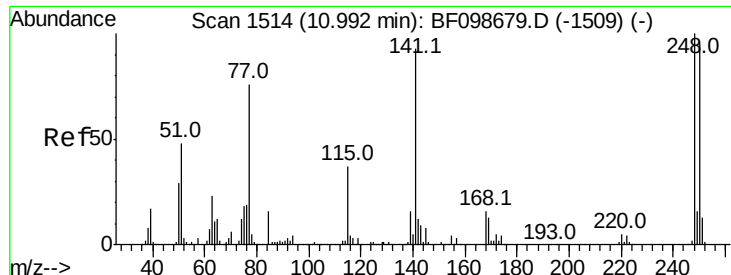


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

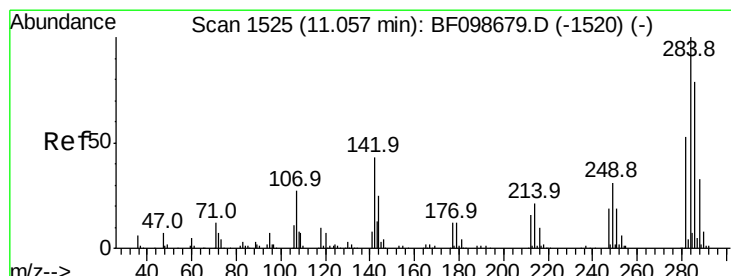
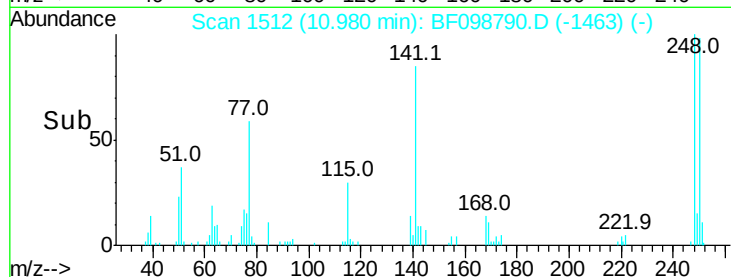
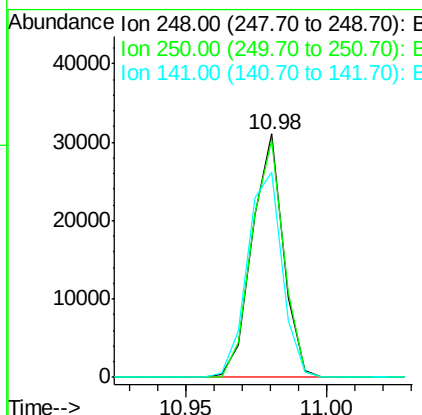
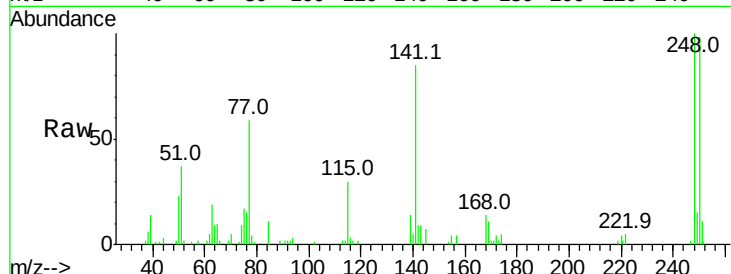




#66
 4-Bromophenyl-phenylether
 Concen: 5.259 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

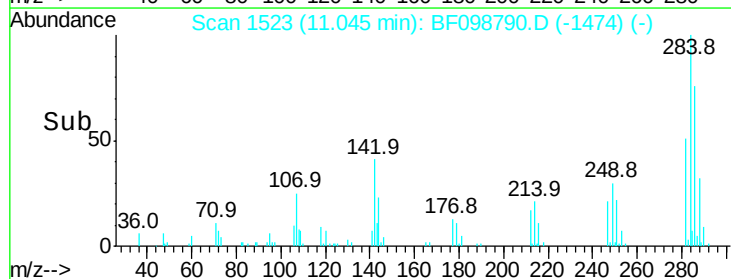
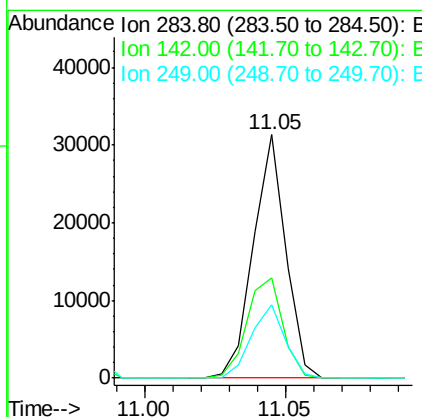
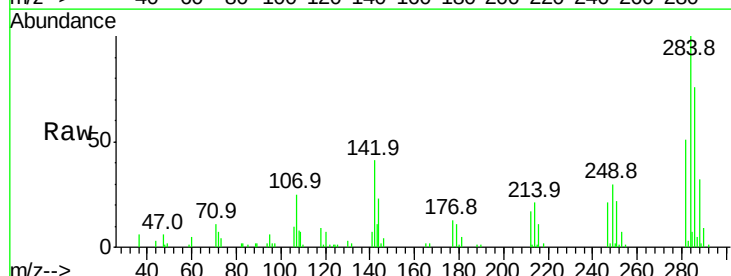
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

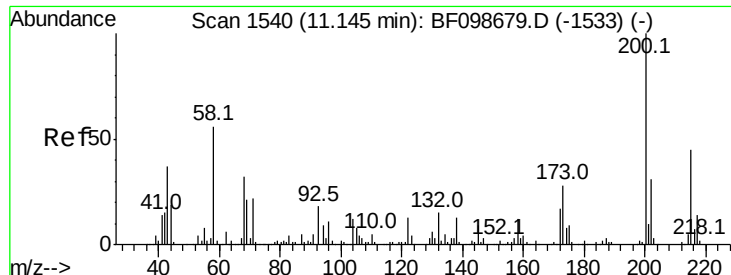
Tot Ion:248 Resp: 23779
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 84.5 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 5.154 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:284 Resp: 24890
 Ion Ratio Lower Upper
 284 100
 142 41.0 34.6 52.0
 249 30.2 24.8 37.2

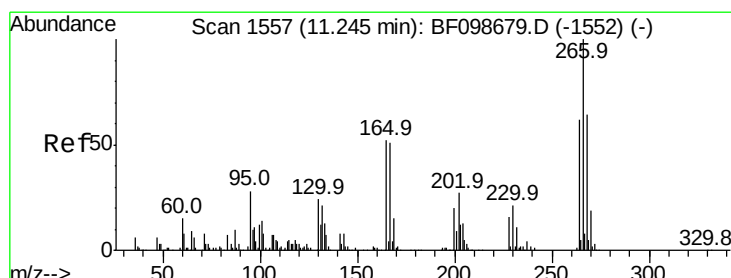
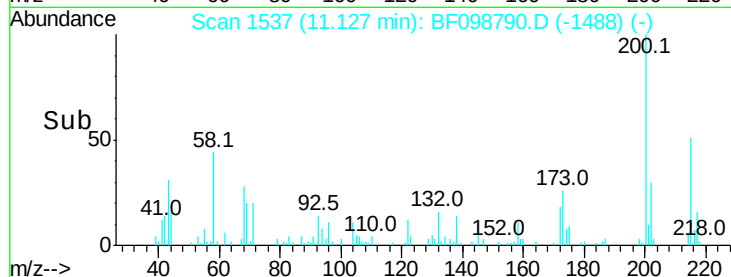
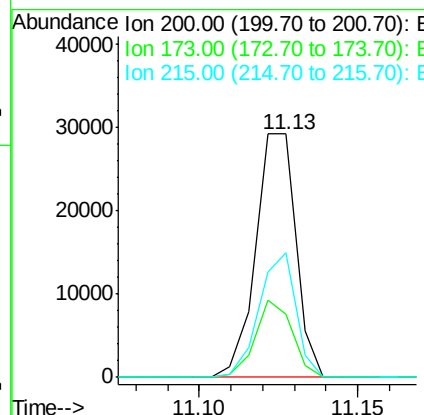
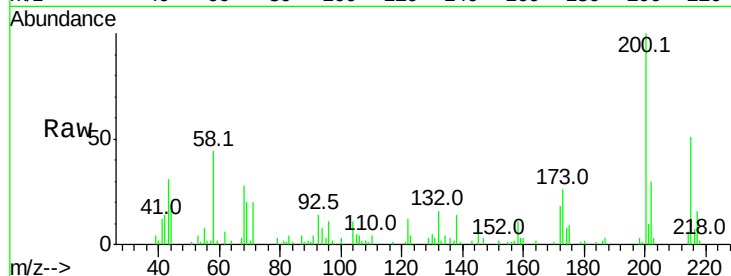




#68
Atrazine
Concen: 5.370 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

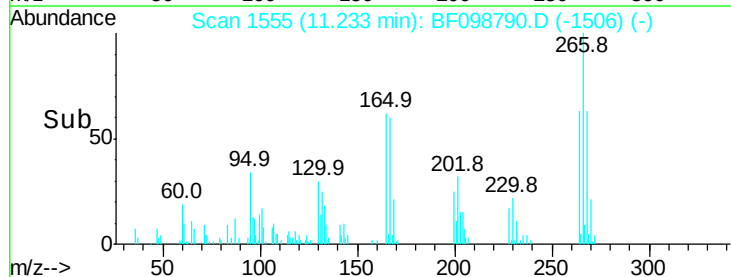
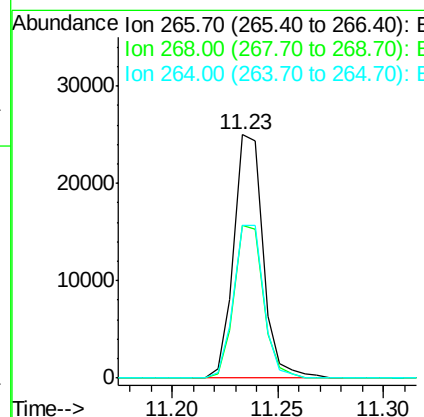
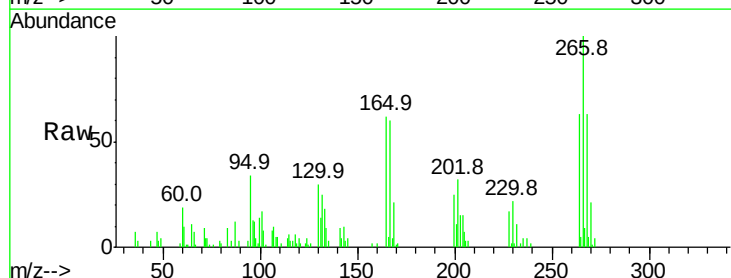
Instrument :
BNA_F
ClientSampleId :
PB102556BS

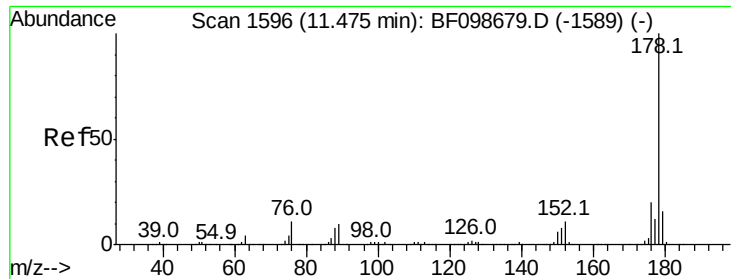
Tot Ion:200 Resp: 25859
Ion Ratio Lower Upper
200 100
173 26.1 8.6 48.6
215 51.0 25.1 65.1



#69
Pentachlorophenol
Concen: 7.971 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Tgt Ion:266 Resp: 23959
Ion Ratio Lower Upper
266 100
268 62.7 51.1 76.7
264 62.7 49.5 74.3





#70

Phenanthrene

Concen: 5.851 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

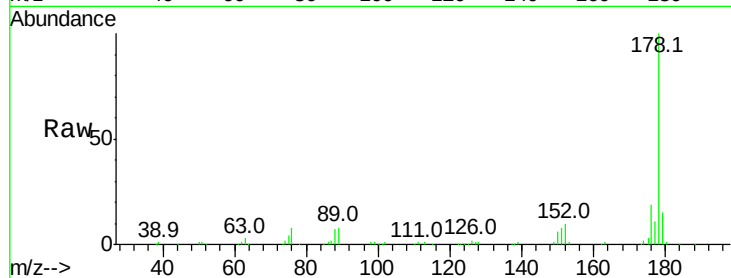
Tot Ion:178 Resp: 144671

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

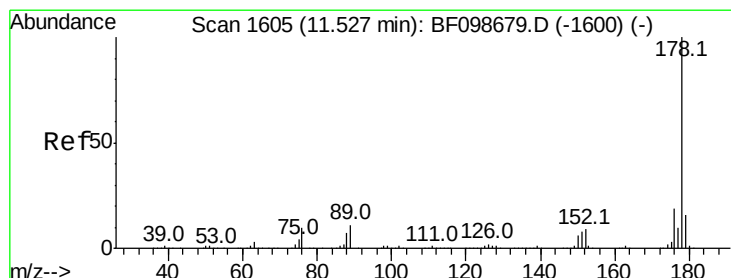
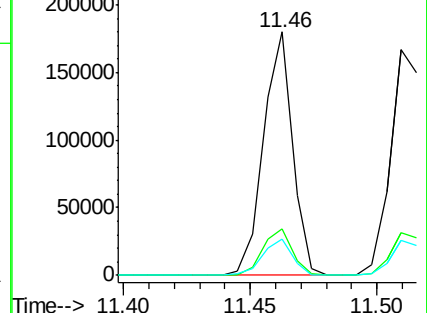
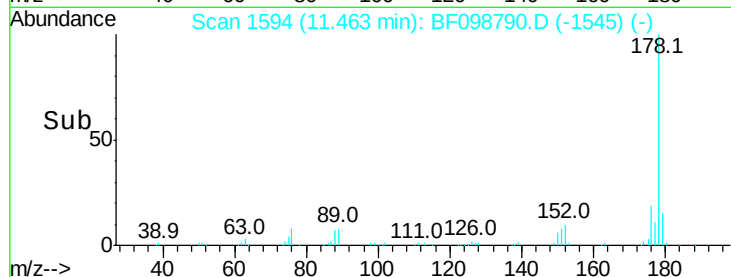
179 14.9 13.0 19.6



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: 5.861 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

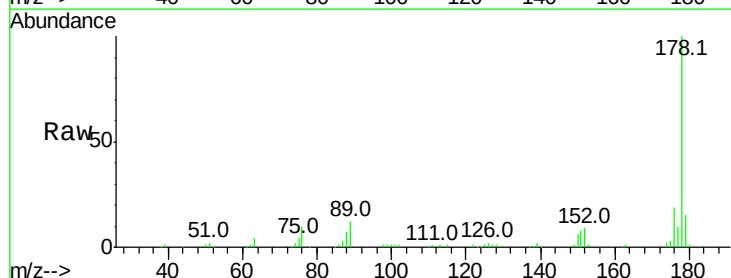
Tgt Ion:178 Resp: 148300

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

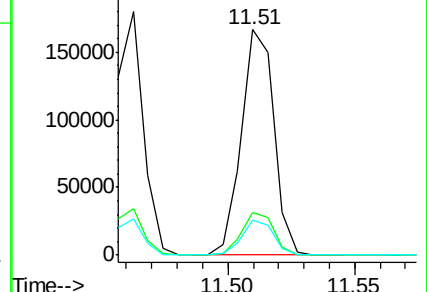
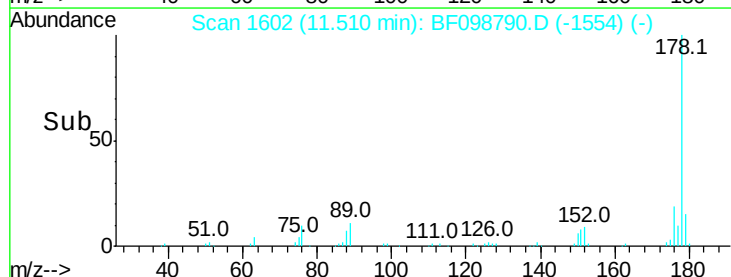
179 15.4 12.6 19.0

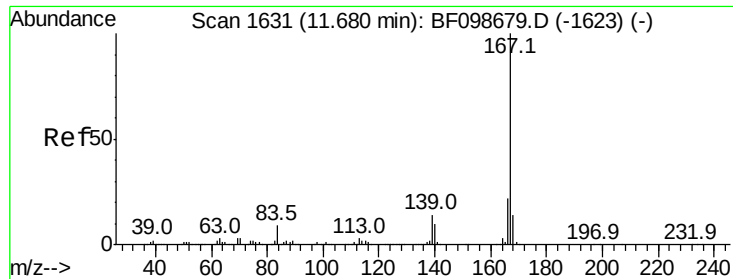


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

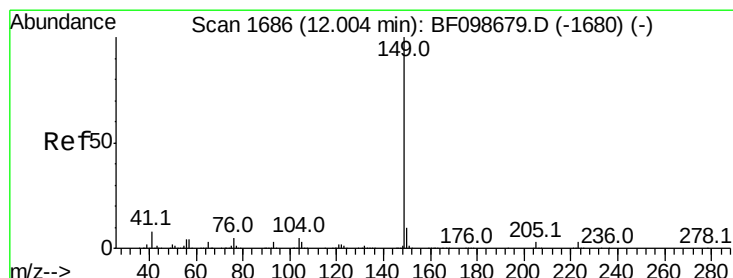
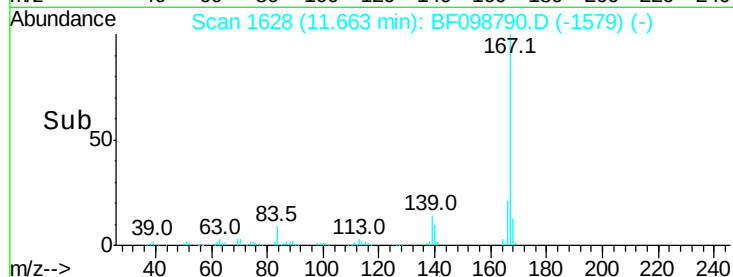
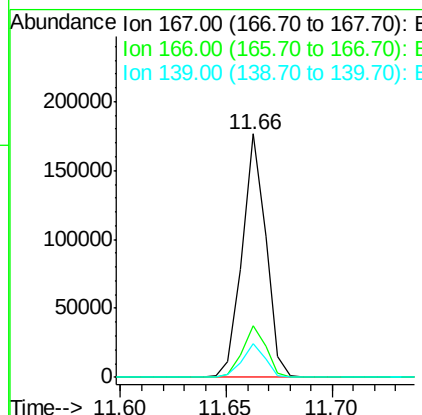
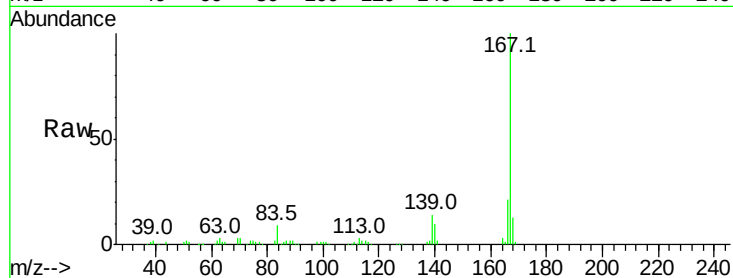




#72
 Carbazole
 Concen: 5.521 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

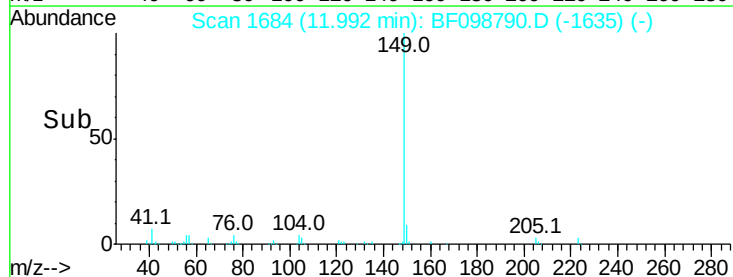
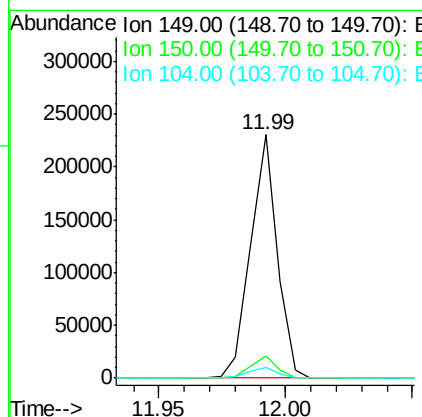
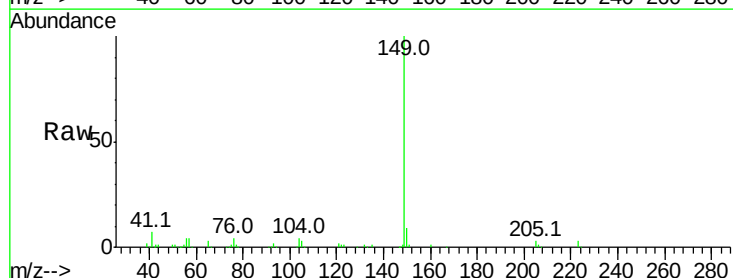
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

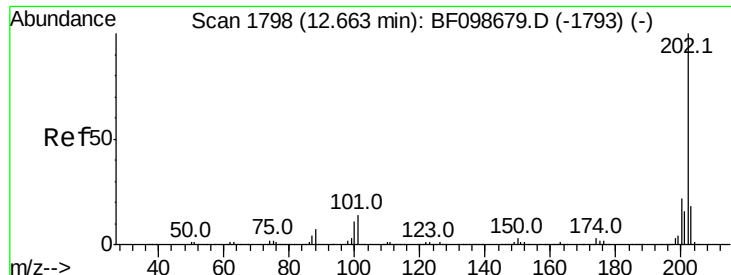
Tot Ion:167 Resp: 136785
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 13.8 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 5.635 ng
 RT: 11.99 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion:149 Resp: 168056
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.8 11.6
 104 4.5 3.8 5.8

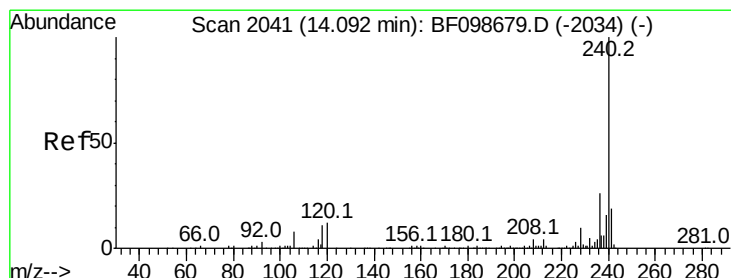
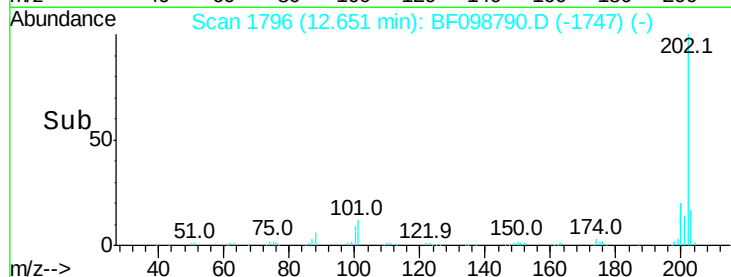
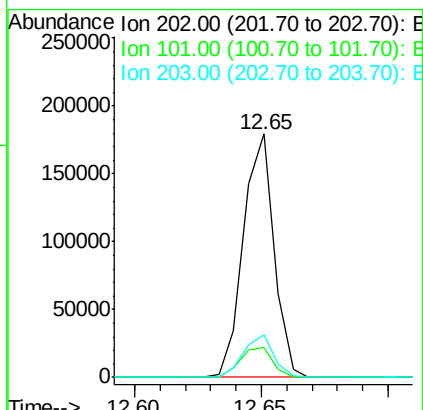
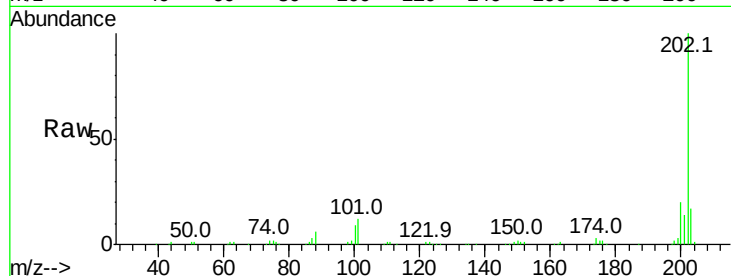




#74
 Fluoranthene
 Concen: 6.020 ng
 RT: 12.65 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

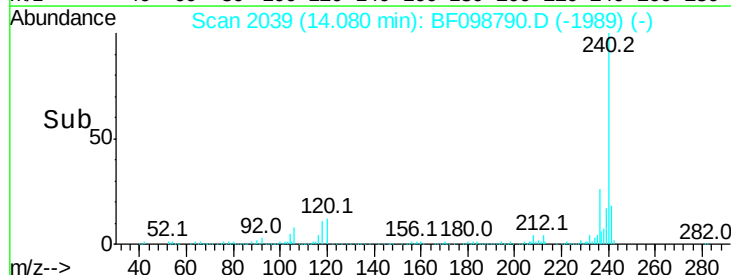
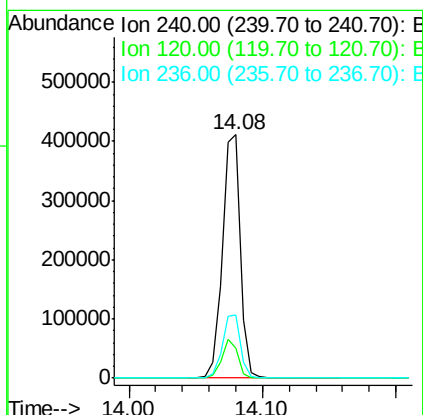
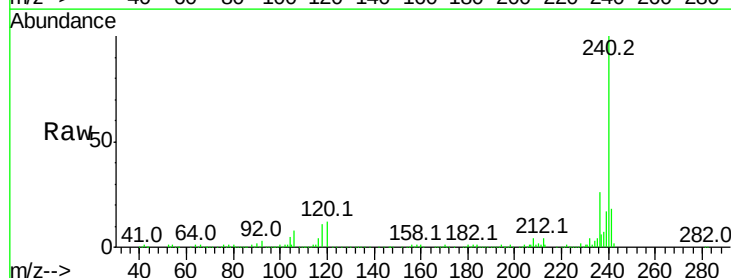
Instrument :
 BNA_F
 ClientSampleId :
 PB102556BS

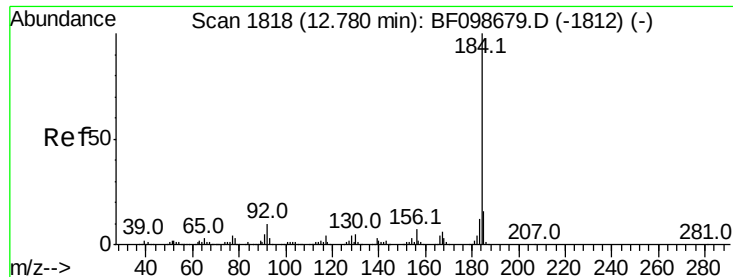
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF098790.D
 Acq: 25 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.9	20.7	31.1





#76

Benzidine

Concen: 3.314 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

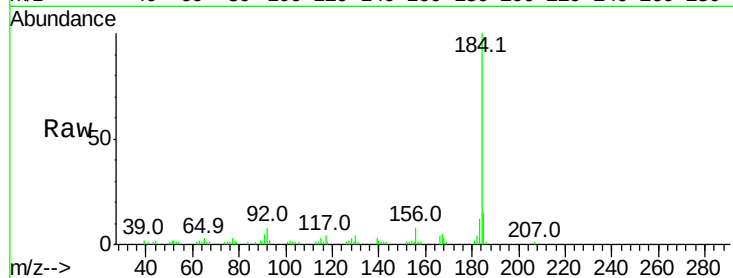
Tot Ion:184 Resp: 47918

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

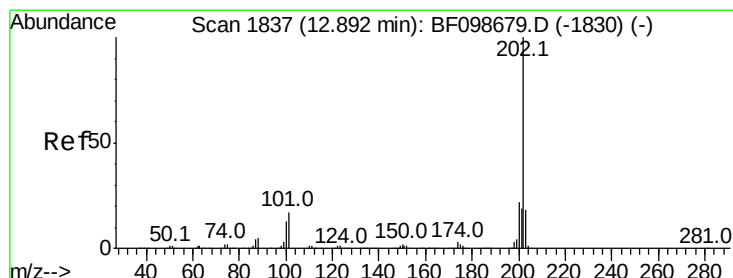
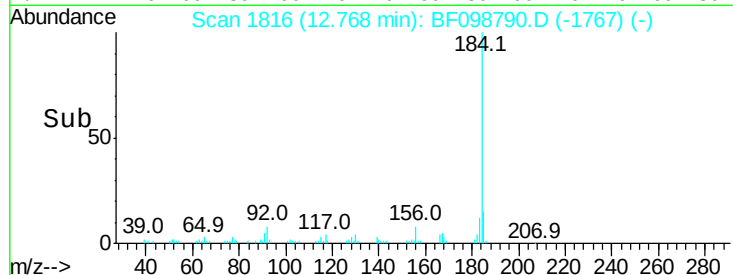
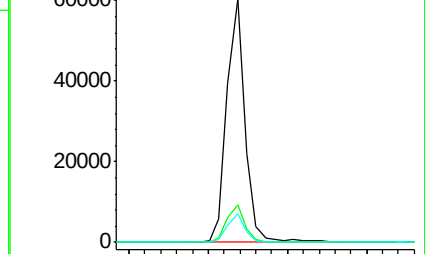
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 5.226 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

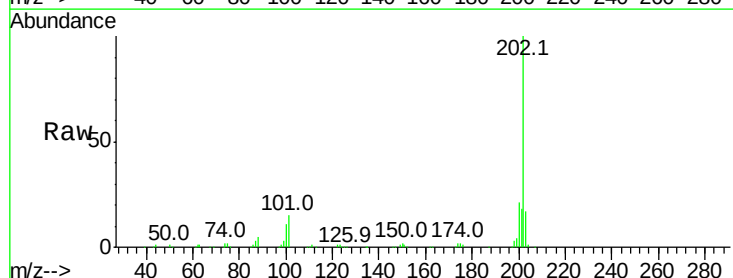
Tgt Ion:202 Resp: 155806

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

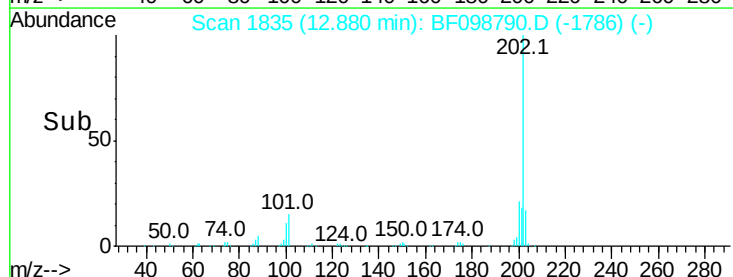
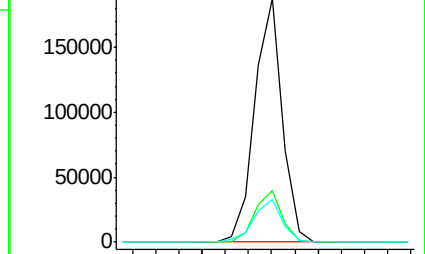
203 17.3 14.3 21.5

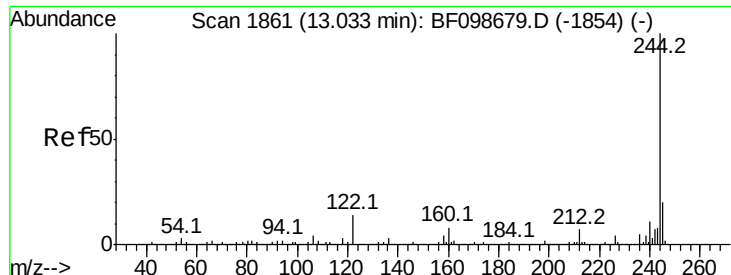


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.453 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

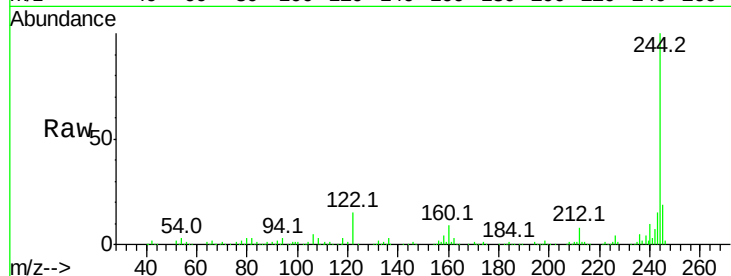
Tot Ion:244 Resp: 196892

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

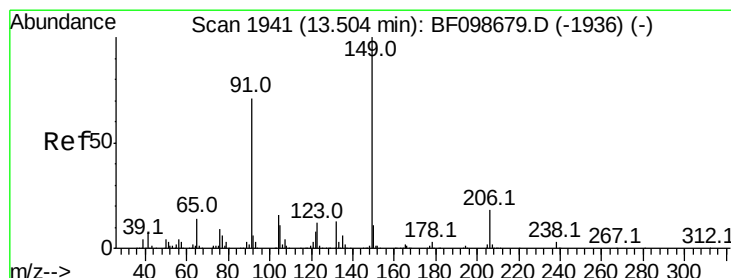
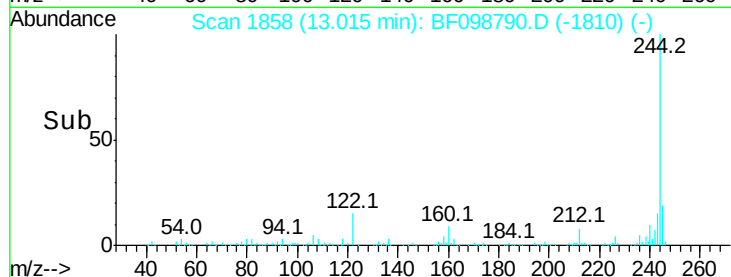
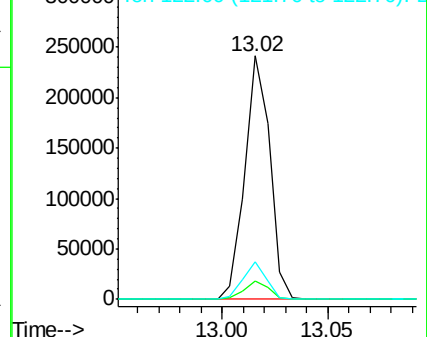
122 15.5 11.0 16.4



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: 5.167 ng

RT: 13.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

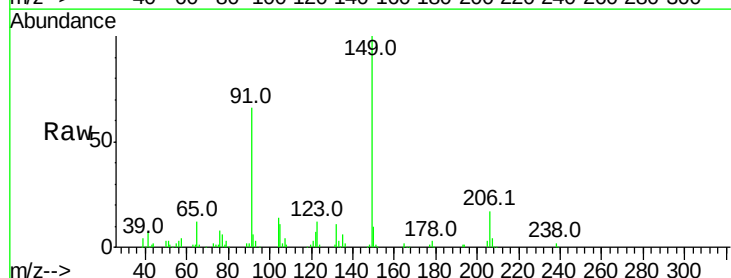
Tgt Ion:149 Resp: 72395

Ion Ratio Lower Upper

149 100

91 66.3 56.8 85.2

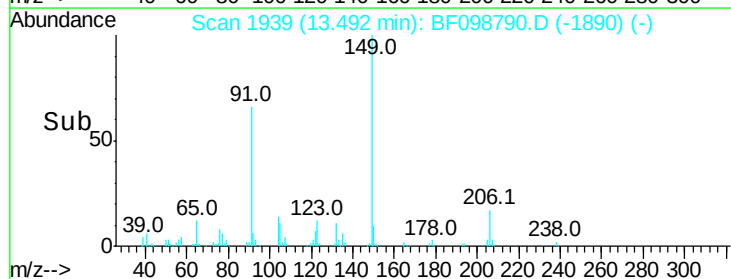
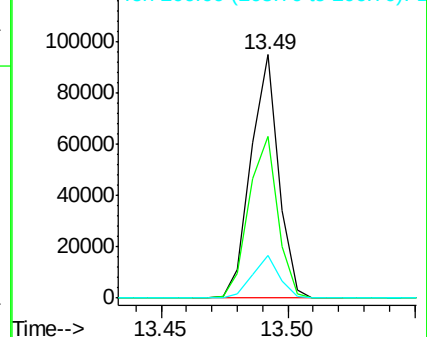
206 17.3 14.1 21.1

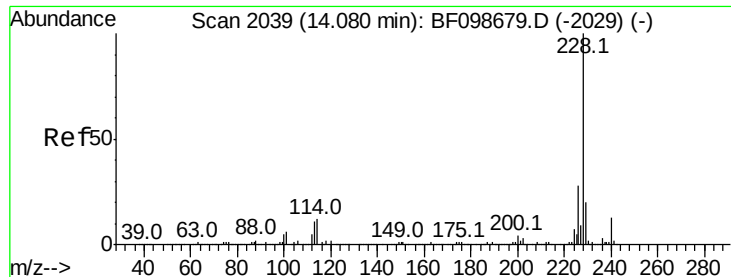


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 5.586 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

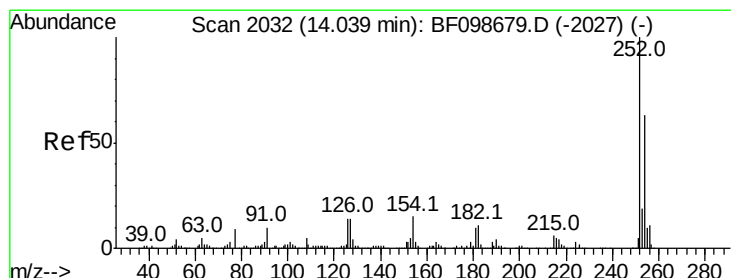
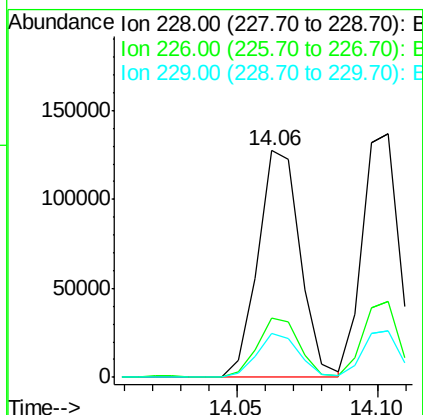
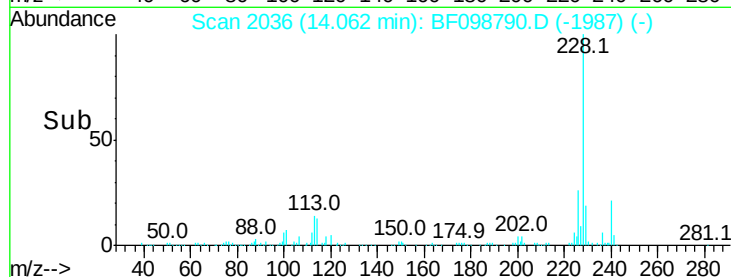
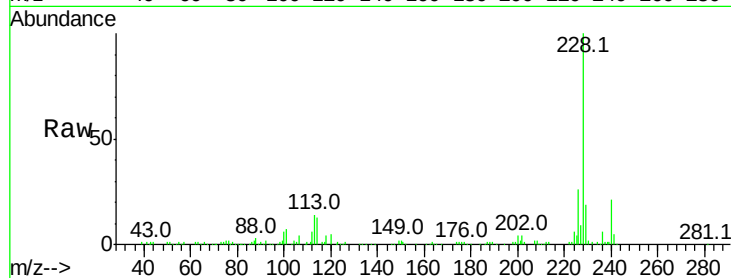
Tot Ion:228 Resp: 132235

Ion Ratio Lower Upper

228 100

226 26.2 22.6 33.8

229 19.3 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 3.569 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

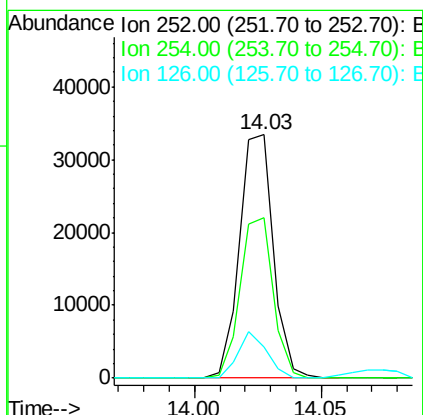
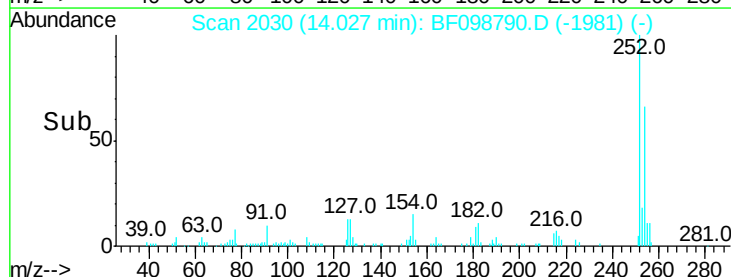
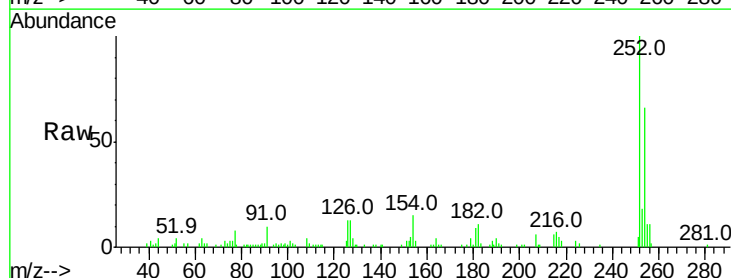
Tgt Ion:252 Resp: 30972

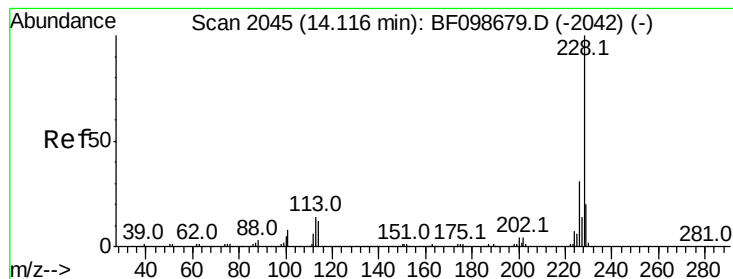
Ion Ratio Lower Upper

252 100

254 66.0 50.4 75.6

126 13.0 11.3 16.9





#82

Chrysene

Concen: 5.487 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

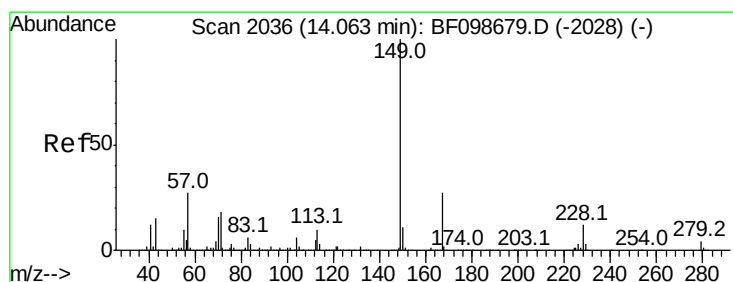
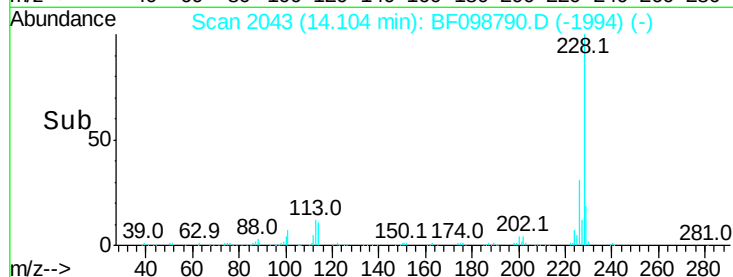
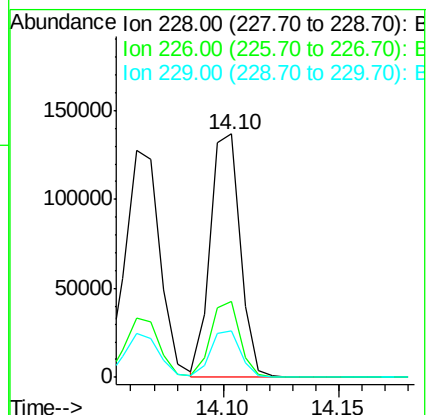
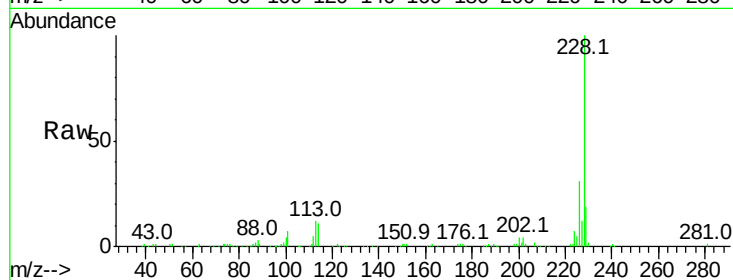
Tot Ion:228 Resp: 123658

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

229 19.0 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.435 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

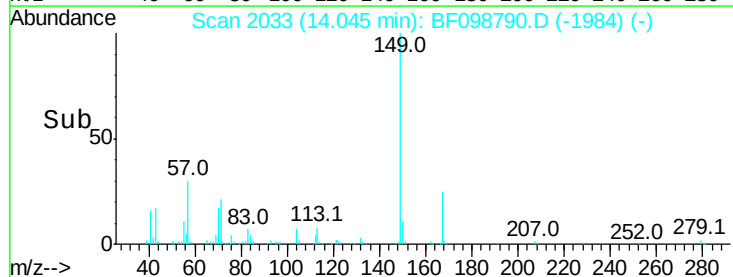
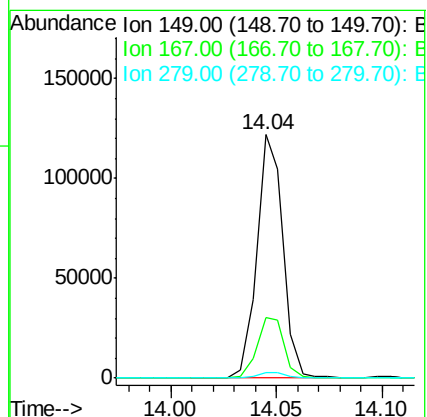
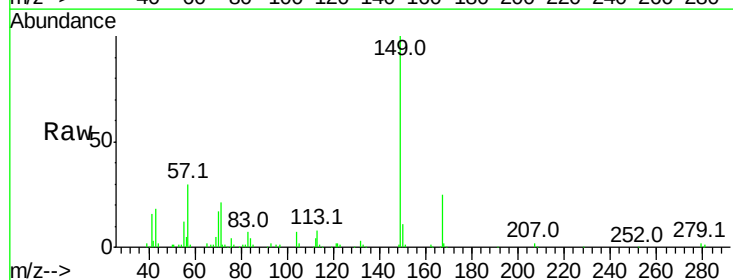
Tgt Ion:149 Resp: 104859

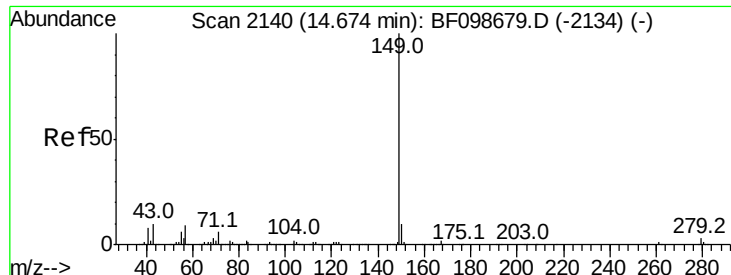
Ion Ratio Lower Upper

149 100

167 25.1 21.3 31.9

279 2.4 3.0 4.4#

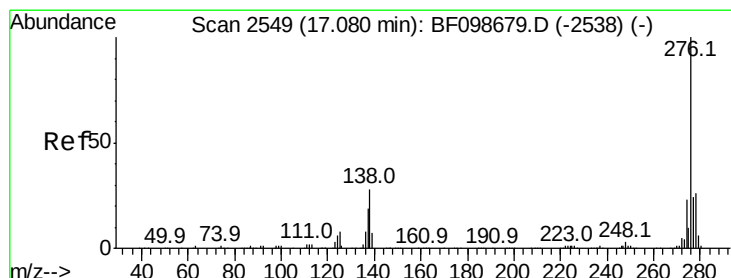
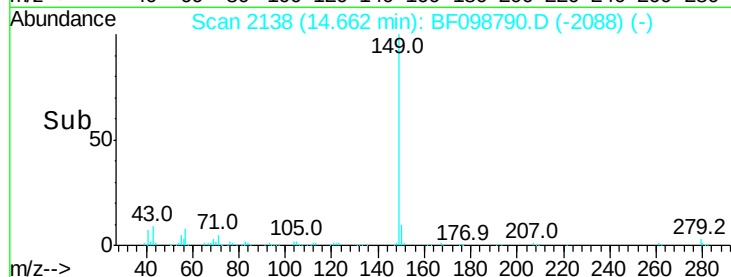
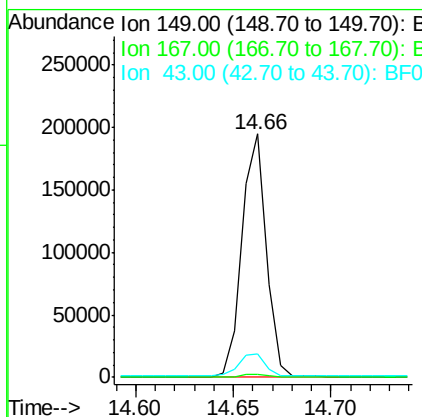
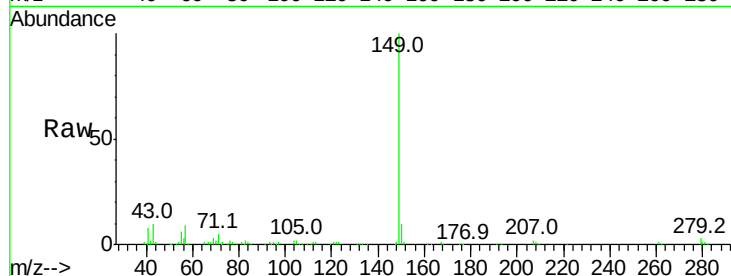




#84
Di-n-octyl phthalate
Concen: 5.457 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

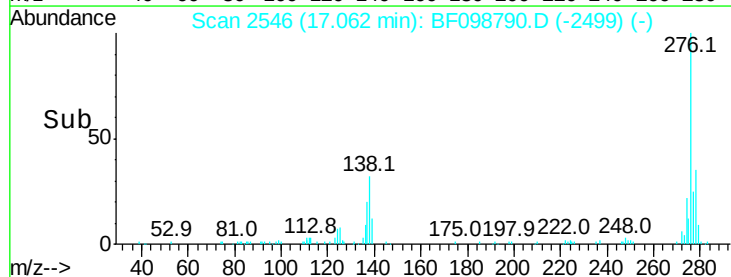
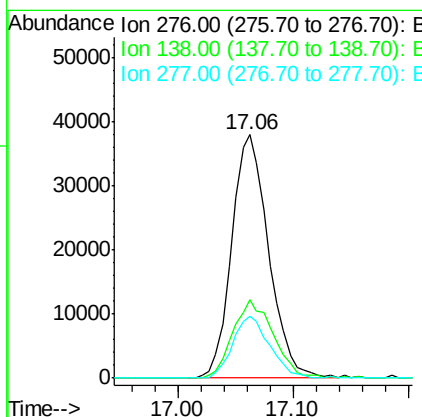
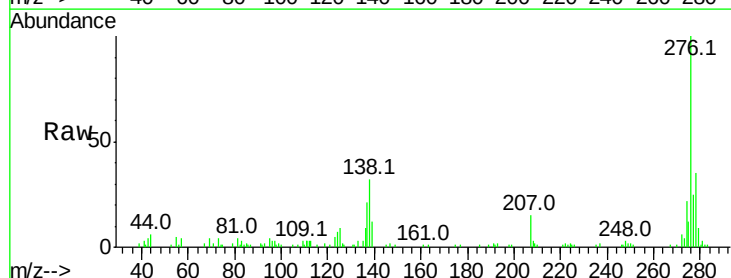
Instrument :
BNA_F
ClientSampleId :
PB102556BS

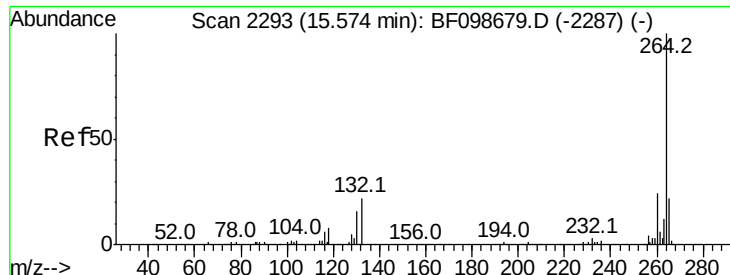
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.9	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 4.662 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.4	25.0	37.6
277	25.3	20.1	30.1

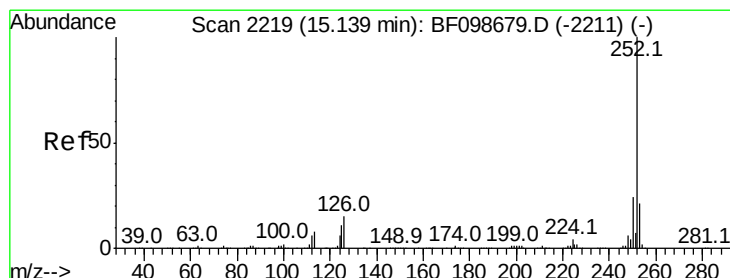
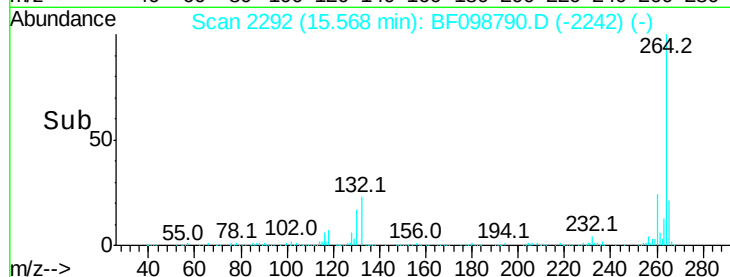
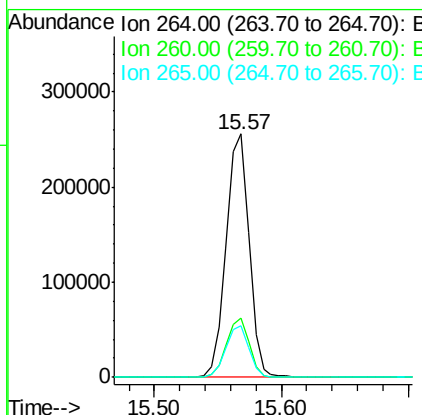
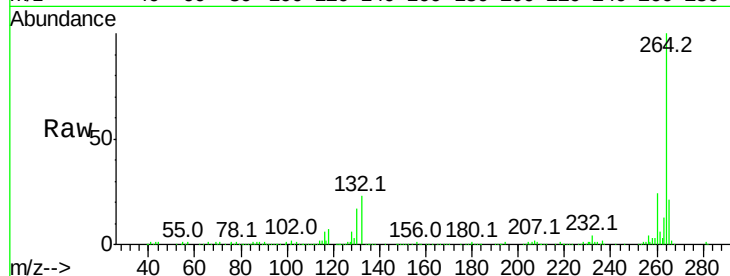




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

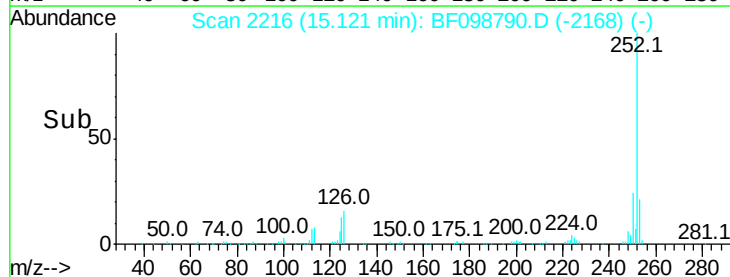
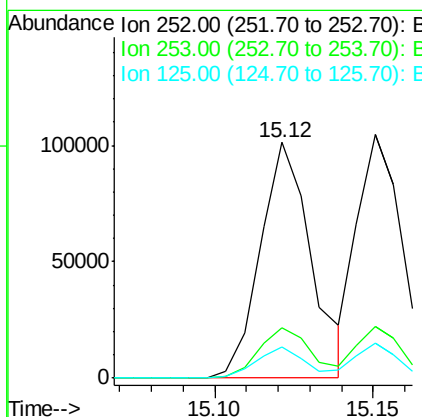
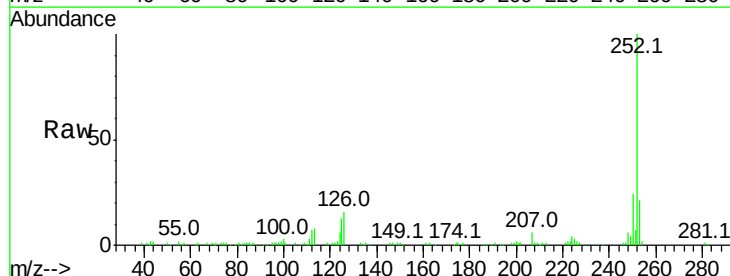
Instrument :
BNA_F
ClientSampleId :
PB102556BS

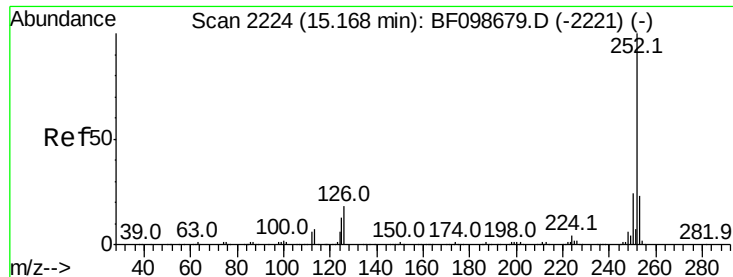
Tot Ion:264 Resp: 320931
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 5.731 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Tgt Ion:252 Resp: 113093
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 13.5 9.0 13.6

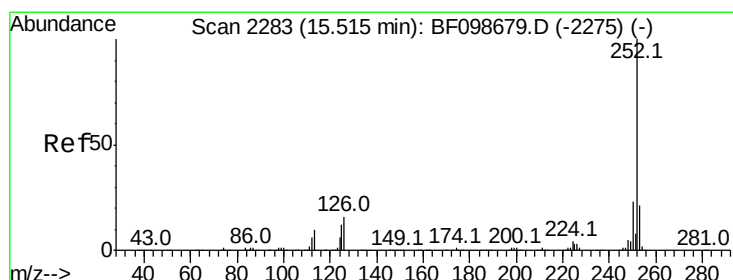
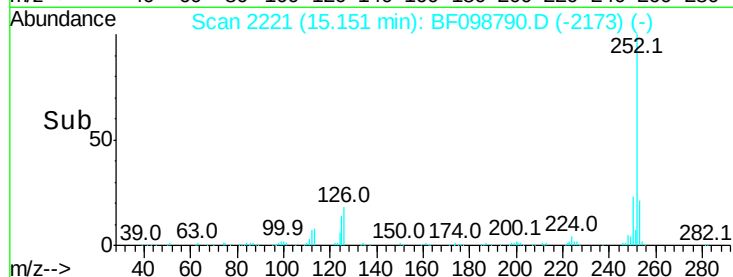
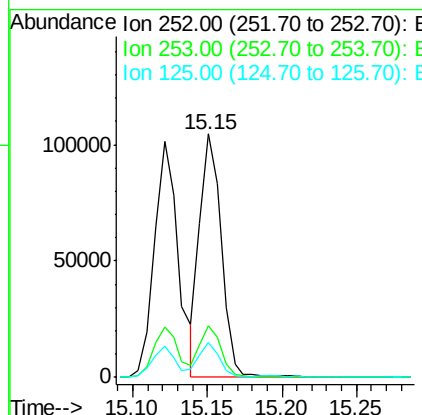
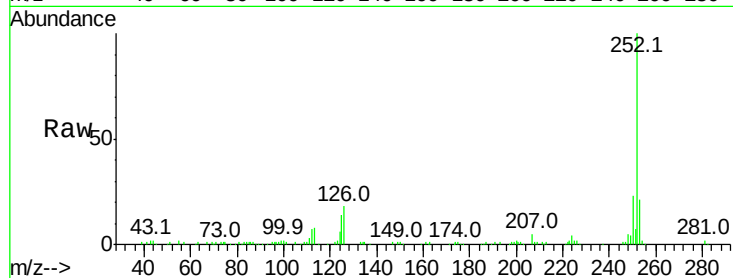




#88
Benzo(k)fluoranthene
Concen: 5.366 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

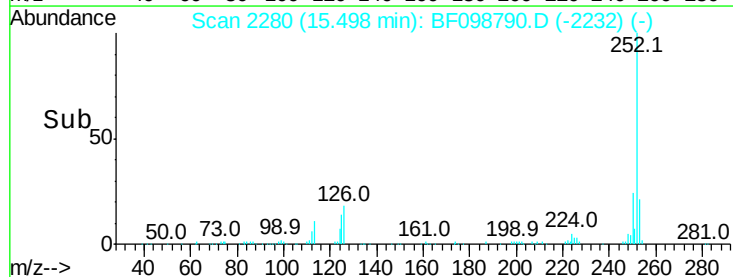
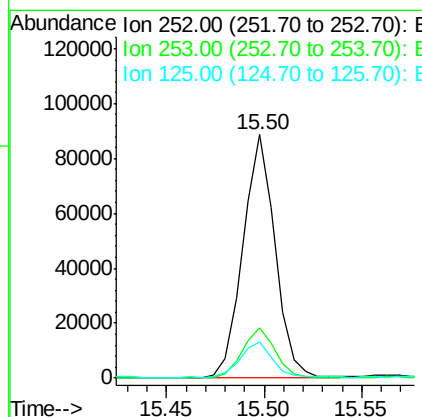
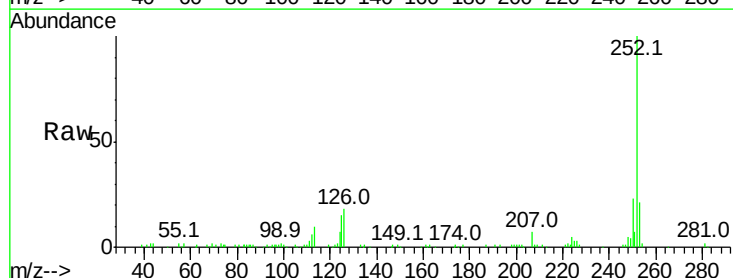
Instrument :
BNA_F
ClientSampleId :
PB102556BS

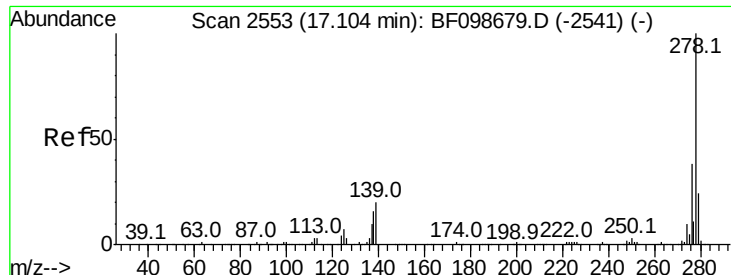
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	14.2	10.2	15.2



#89
Benzo(a)pyrene
Concen: 5.614 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF098790.D
Acq: 25 Sep 2017 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	14.8	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.814 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.02 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

Instrument :

BNA_F

ClientSampleId :

PB102556BS

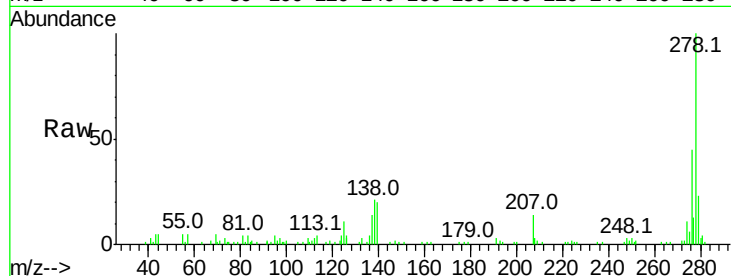
Tot Ion:278 Resp: 69779

Ion Ratio Lower Upper

278 100

139 20.5 15.9 23.9

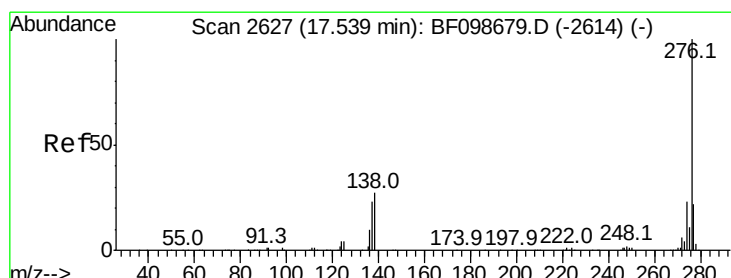
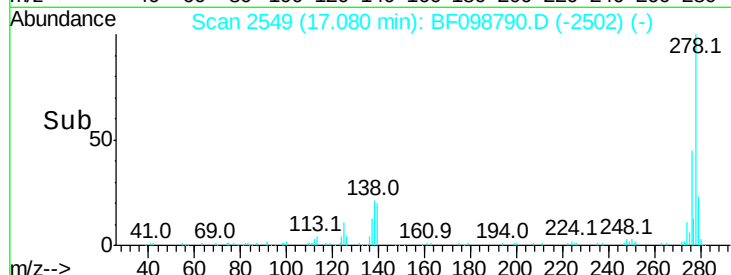
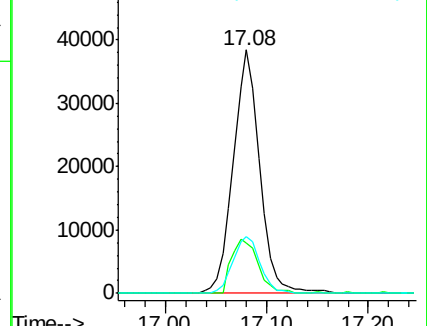
279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.747 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.03 min

Lab File: BF098790.D

Acq: 25 Sep 2017 18:42

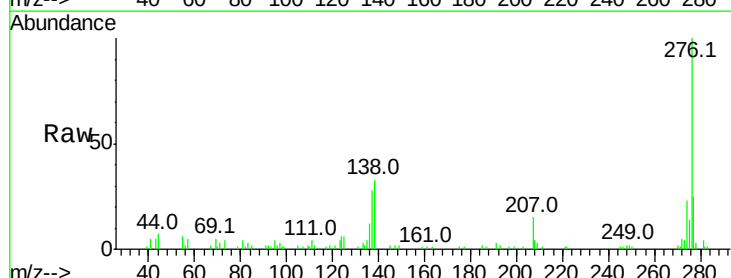
Tgt Ion:276 Resp: 68016

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 32.8 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

