

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094708.D
 Acq On : 30 Apr 2017 12:21
 Operator : SJ/MA
 Sample : PB98544BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:17:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114307	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	467342	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	217569	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	390641	20.00	ng	0.00
75) Chrysene-d12	14.47	240	298236	20.00	ng	0.00
86) Perylene-d12	16.09	264	210841	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.33	112	866164	125.72	ng	0.03
7) Phenol-d6	5.40	99	1018529	125.40	ng	0.00
23) Nitrobenzene-d5	6.42	82	629350	83.15	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	230515	135.45	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1213230	82.05	ng	0.00
78) Terphenyl-d14	13.19	244	1086616	97.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	104156	25.99	ng	95
3) Pyridine	2.69	79	302519	34.54	ng	99
4) n-Nitrosodimethylamine	2.63	42	137084	37.83	ng	86
6) Aniline	5.40	93	316739	29.34	ng	# 85
8) 2-Chlorophenol	5.54	128	329110	41.98	ng	97
9) Benzaldehyde	5.27	77	56646	9.17	ng	97
10) Phenol	5.42	94	394803	39.57	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	300110	41.17	ng	97
12) 1,3-Dichlorobenzene	5.70	146	348922	40.17	ng	98
13) 1,4-Dichlorobenzene	5.79	146	351139	40.18	ng	96
14) 1,2-Dichlorobenzene	5.97	146	323496	40.19	ng	94
15) Benzyl Alcohol	5.95	79	248597	41.26	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	384628	40.24	ng	58
17) 2-Methylphenol	6.10	107	262430	42.50	ng	# 90
18) Hexachloroethane	6.35	117	121969	40.71	ng	# 87
19) n-Nitroso-di-n-propylamine	6.26	70	228699	42.49	ng	94
20) 3+4-Methylphenols	6.28	107	364951	43.50	ng	# 63
22) Acetophenone	6.24	105	457572	40.27	ng	# 86
24) Nitrobenzene	6.44	77	323081	40.54	ng	94
25) Isophorone	6.73	82	588700	41.96	ng	95
26) 2-Nitrophenol	6.81	139	184456	43.08	ng	96
27) 2,4-Dimethylphenol	6.89	122	287238	41.30	ng	98
28) bis(2-Chloroethoxy)methane	6.99	93	377820	41.63	ng	100
29) 2,4-Dichlorophenol	7.12	162	285862	44.18	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	275556	41.19	ng	98
31) Naphthalene	7.29	128	910903	40.54	ng	100
32) Benzoic acid	7.04	122	26762	7.28	ng	98
33) 4-Chloroaniline	7.37	127	95173	10.18	ng	# 91
34) Hexachlorobutadiene	7.44	225	140328	42.08	ng	100
35) Caprolactam	7.85	113	42091	20.71	ng	91
36) 4-Chloro-3-methylphenol	8.00	107	297241	43.84	ng	92
37) 2-Methylnaphthalene	8.13	142	641539	41.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	254260	41.04	ng	99
40) Hexachlorocyclopentadiene	8.32	237	228896	91.33	ng	98

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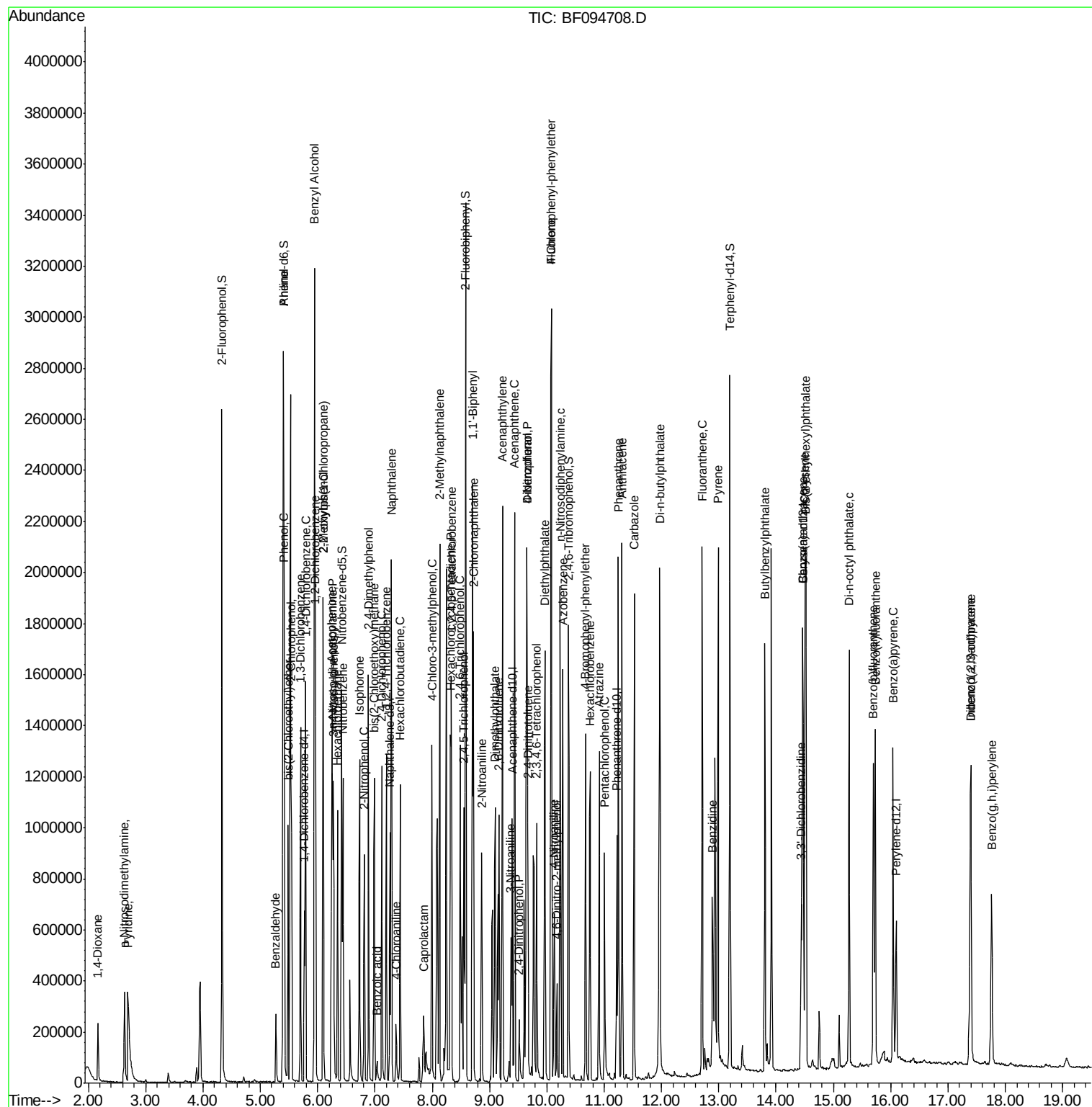
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	193579	44.49	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	198978	44.53	nq	# 91
45) 1,1'-Biphenyl	8.70	154	743296	41.81	nq	98
46) 2-Chloronaphthalene	8.72	162	590897	41.81	nq	94
47) 2-Nitroaniline	8.87	65	170944	42.04	nq	# 75
48) Acenaphthylene	9.22	152	922580	41.87	nq	99
49) Dimethylphthalate	9.10	163	717471	44.25	nq	99
50) 2,6-Dinitrotoluene	9.17	165	161599	44.40	nq	92
51) Acenaphthene	9.44	154	547365	41.48	nq	99
52) 3-Nitroaniline	9.37	138	107019	25.42	nq	90
53) 2,4-Dinitrophenol	9.52	184	43757	26.32	nq	# 68
54) Dibenzofuran	9.65	168	820556	42.78	nq	97
55) 4-Nitrophenol	9.65	139	526153	176.87	nq	# 36
56) 2,4-Dinitrotoluene	9.67	165	210817	47.21	nq	94
57) Fluorene	10.07	166	630949	42.24	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	137246	42.86	nq	96
59) Diethylphthalate	9.97	149	686645	44.88	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	272498	43.84	nq	94
61) 4-Nitroaniline	10.14	138	163722	38.25	nq	96
62) Azobenzene	10.28	77	639702	43.07	nq	93
64) 4,6-Dinitro-2-methylphenol	10.17	198	55359	21.63	nq	# 73
65) n-Nitrosodiphenylamine	10.23	169	590089	43.43	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	173985	44.85	nq	99
67) Hexachlorobenzene	10.75	284	169140	43.27	nq	# 88
68) Atrazine	10.91	200	173702	42.74	nq	95
69) Pentachlorophenol	11.01	266	120803	77.83	nq	99
70) Phenanthrene	11.25	178	931817	42.36	nq	98
71) Anthracene	11.31	178	979749	43.06	nq	99
72) Carbazole	11.52	167	889024	41.63	nq	98
73) Di-n-butylphthalate	11.97	149	1091579	46.42	nq	99
74) Fluoranthene	12.71	202	971741	42.62	nq	99
76) Benzidine	12.89	184	291845	24.17	nq	# 93
77) Pyrene	12.99	202	966336	46.38	nq	98
79) Butylbenzylphthalate	13.81	149	462366	50.63	nq	87
80) Benzo(a)anthracene	14.46	228	758479	43.76	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	154329	25.15	nq	# 95
82) Chrysene	14.51	228	676851	42.73	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	629075	51.31	nq	# 99
84) Di-n-octyl phthalate	15.28	149	1000318	48.64	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	554017	36.75	nq	99
87) Benzo(b)fluoranthene	15.70	252	605021	46.91	nq	98
88) Benzo(k)fluoranthene	15.73	252	552876	45.30	nq	# 93
89) Benzo(a)pyrene	16.04	252	523161	43.60	nq	98
90) Dibenzo(a,h)anthracene	17.40	278	454983	45.67	nq	99
91) Benzo(g,h,i)perylene	17.76	276	466107	45.95	nq	99

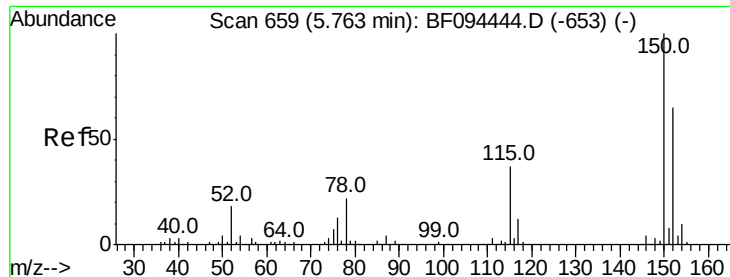
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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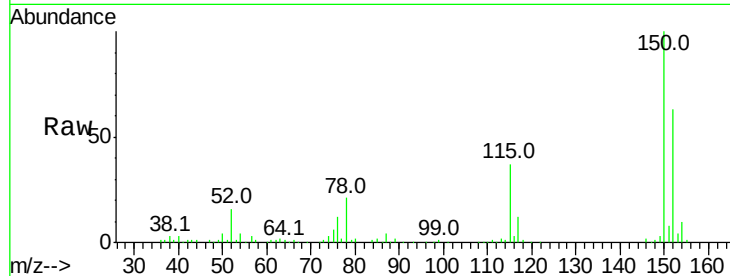


#1

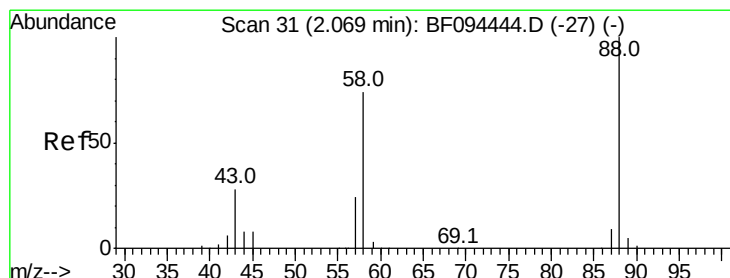
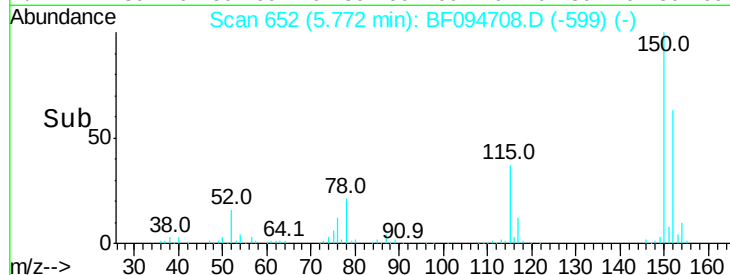
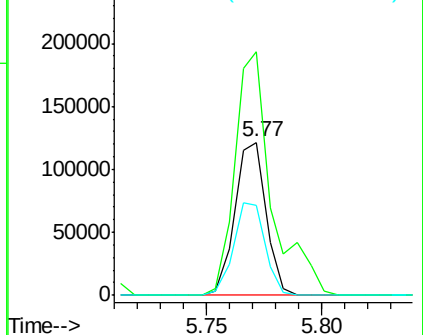
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 114307
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 58.5 52.2 78.2



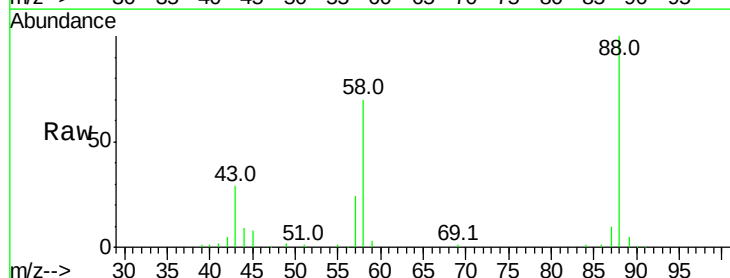
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



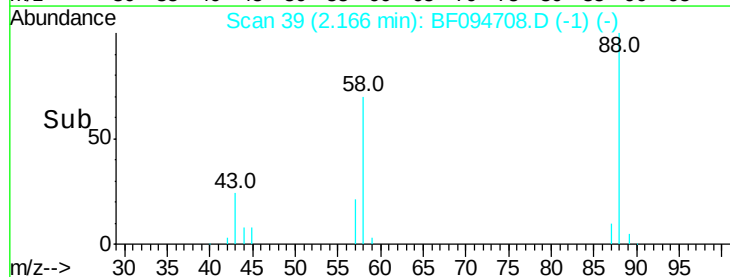
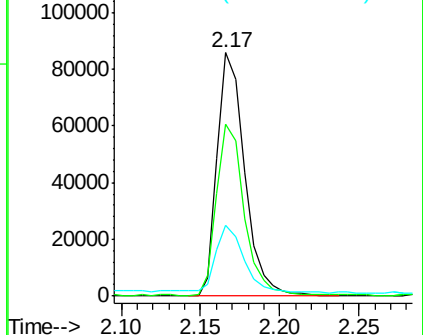
#2

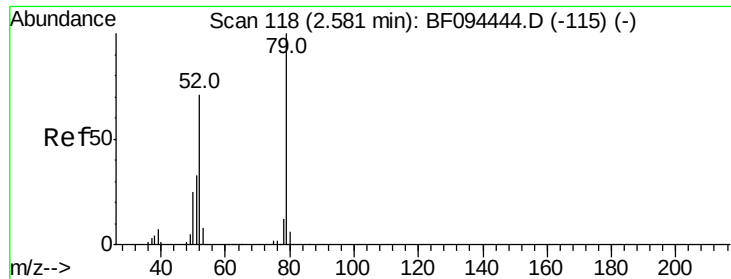
1,4-Dioxane
Concen: 25.99 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion: 88 Resp: 104156
Ion Ratio Lower Upper
88 100
58 72.1 61.4 92.0
43 27.5 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

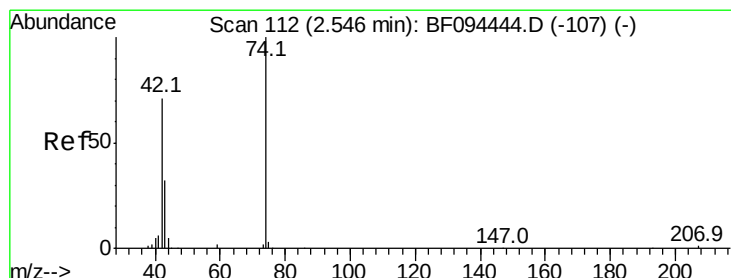
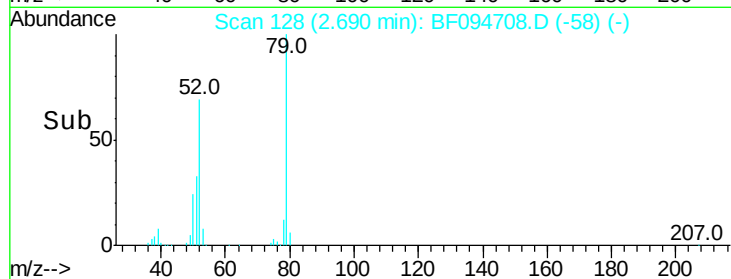
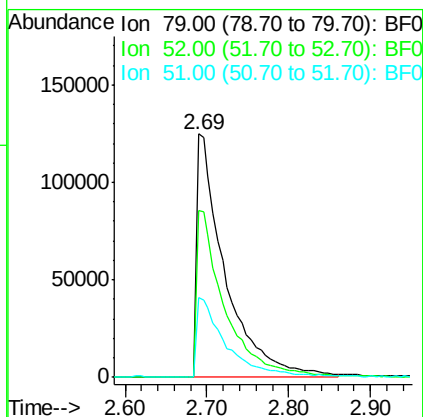
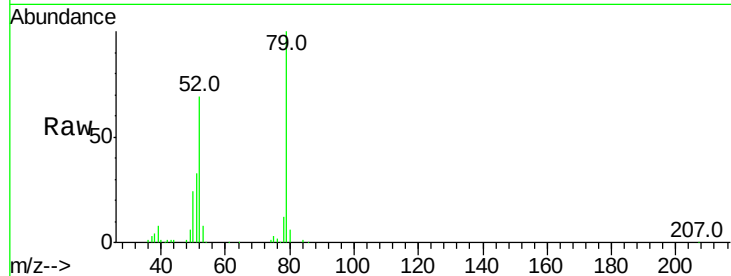




#3
 Pvridine
 Concen: 34.54 ng
 RT: 2.69 min Scan# 128
 Delta R.T. 0.11 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

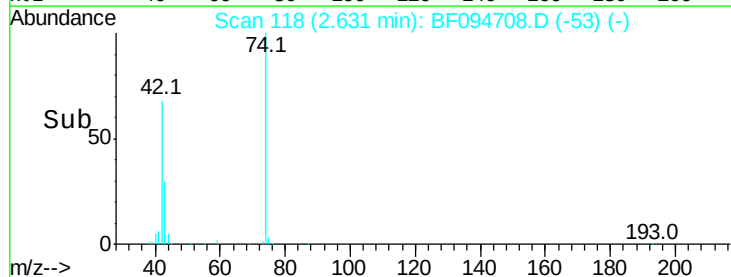
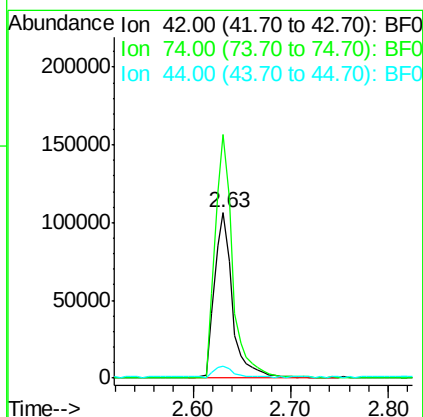
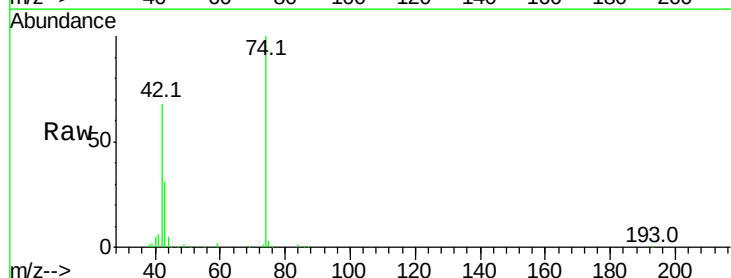
Instrument :
 BNA_F
 ClientSampleId :

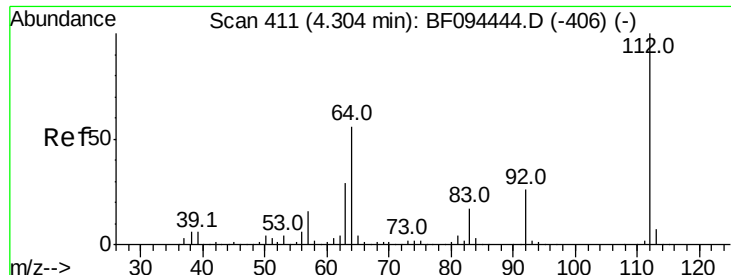
Tot Ion: 79 Resp: 302519
 Ion Ratio Lower Upper
 79 100
 52 68.5 54.8 82.2
 51 32.7 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 37.83 ng
 RT: 2.63 min Scan# 118
 Delta R.T. 0.09 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion: 42 Resp: 137084
 Ion Ratio Lower Upper
 42 100
 74 147.3 103.9 155.9
 44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 125.72 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :

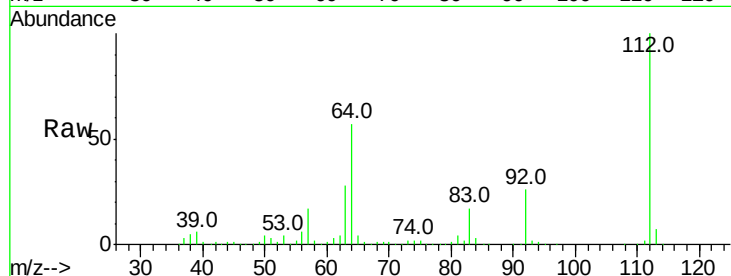
Tot Ion:112 Resp: 866164

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

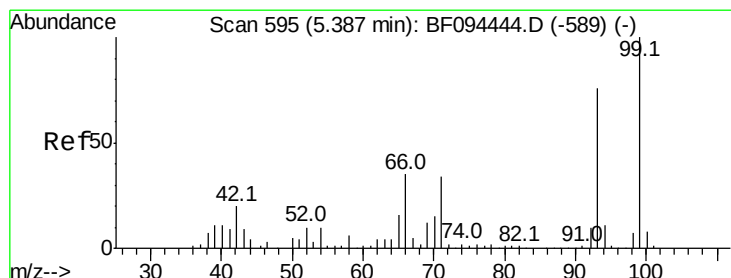
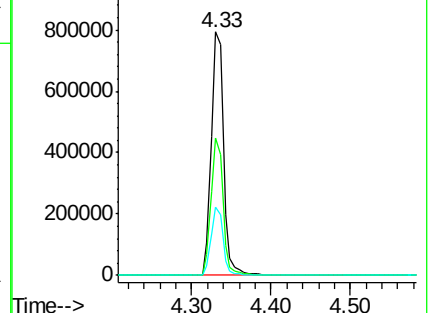
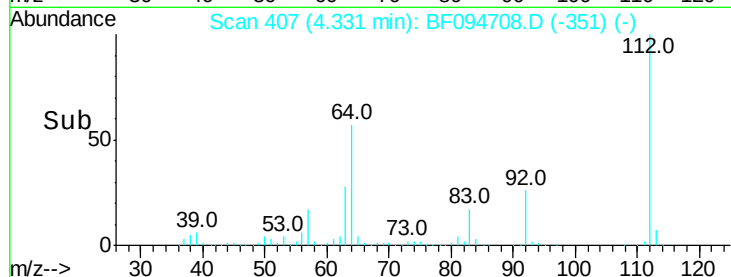
63 28.1 23.4 35.0



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: 29.34 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

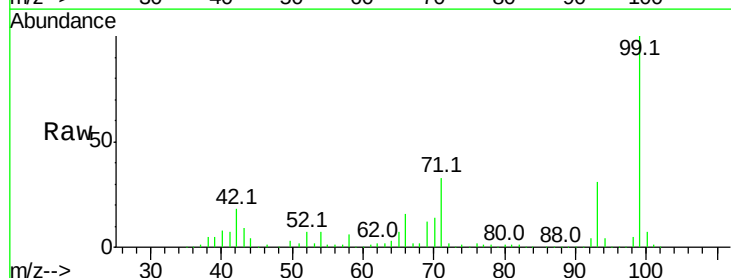
Tgt Ion: 93 Resp: 316739

Ion Ratio Lower Upper

93 100

66 53.3 32.9 49.3#

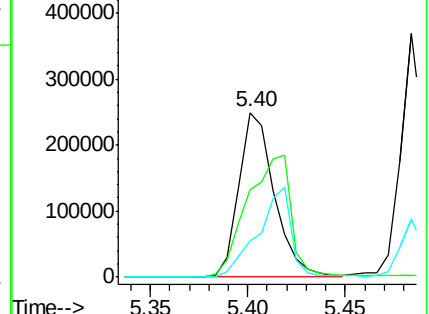
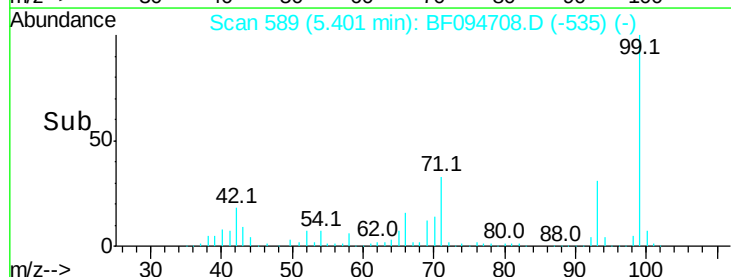
65 22.1 16.0 24.0

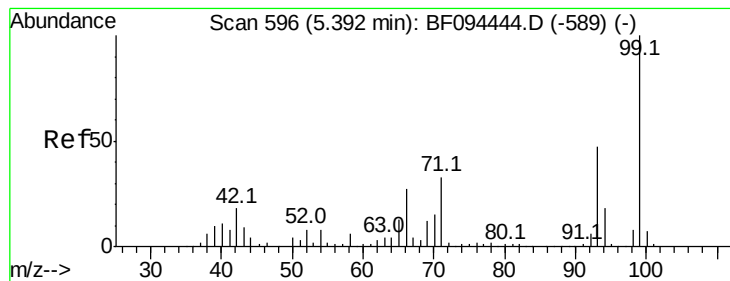


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.40 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

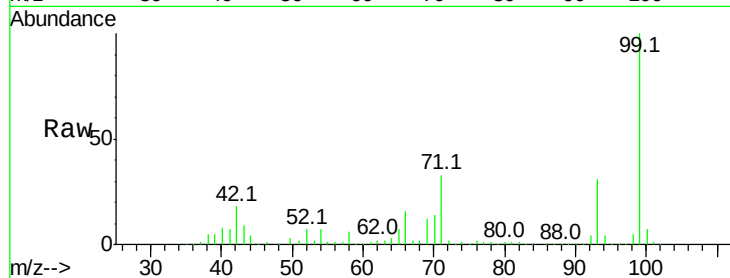
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1018529

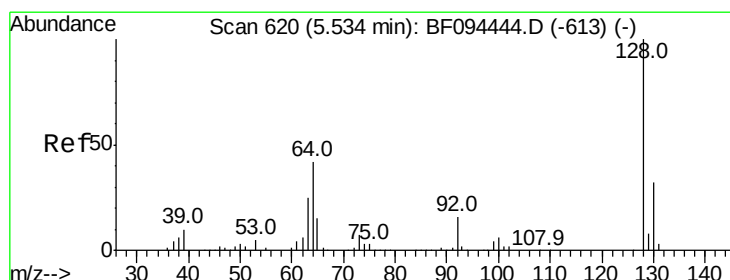
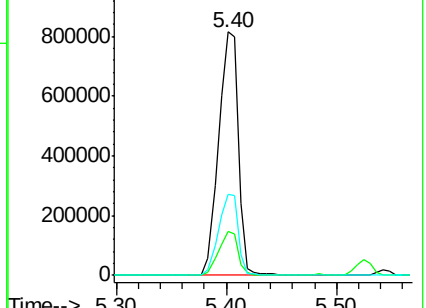
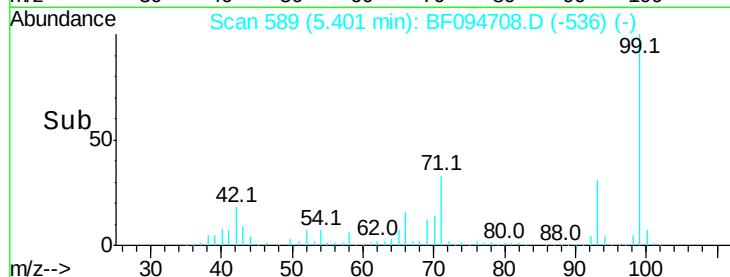
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	33.1	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.98 ng

RT: 5.54 min Scan# 613

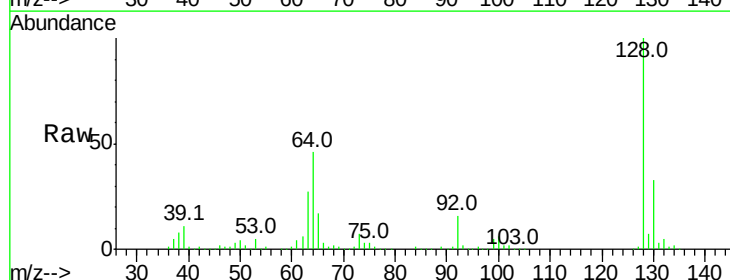
Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion: 128 Resp: 329110

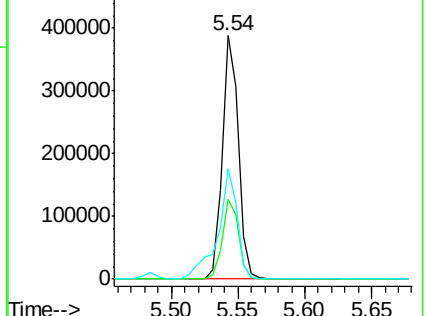
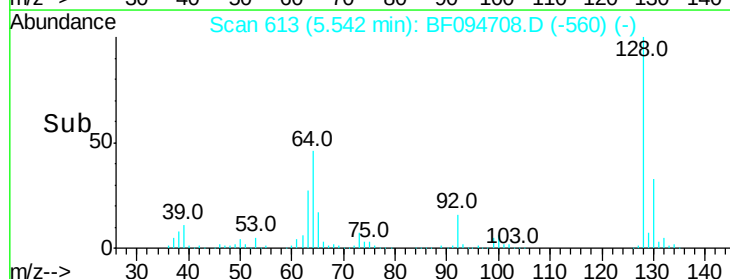
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	45.5	28.4	68.4

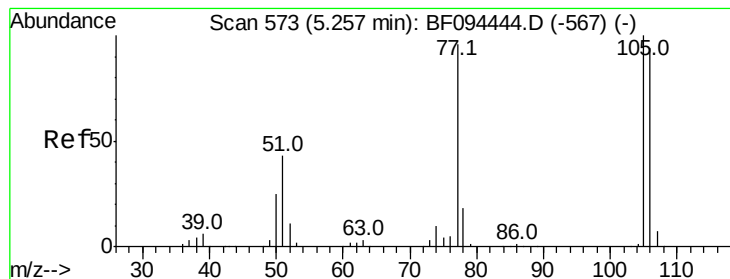


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.17 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampled :

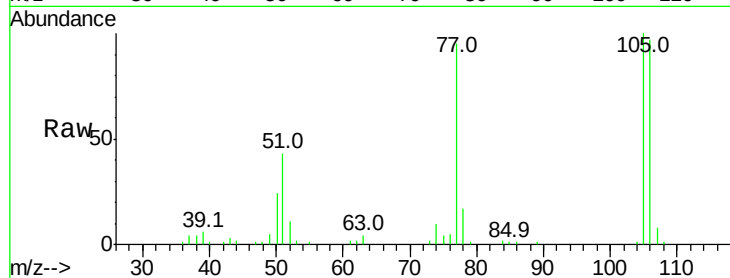
Tot Ion: 77 Resp: 56646

Ion Ratio Lower Upper

77 100

105 105.6 83.8 123.8

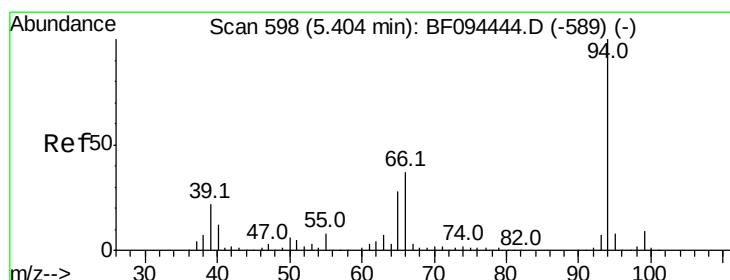
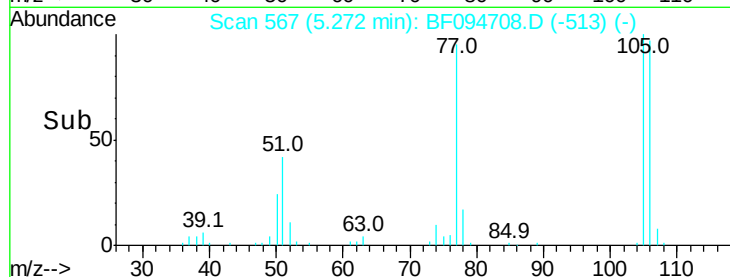
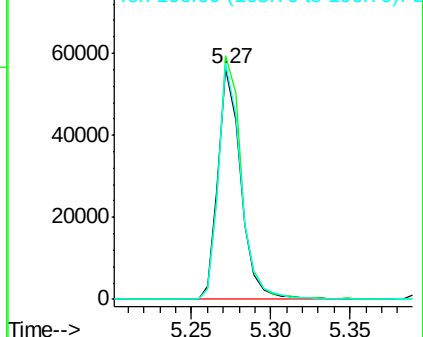
106 102.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.57 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

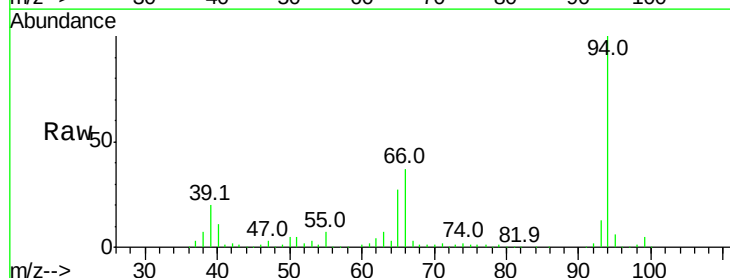
Tgt Ion: 94 Resp: 394803

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

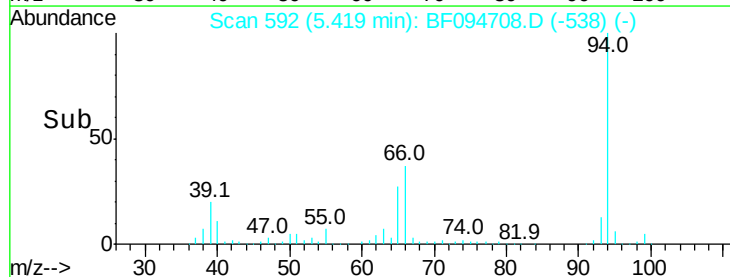
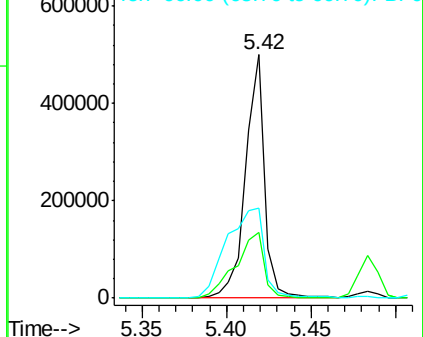
66 36.9 23.1 63.1

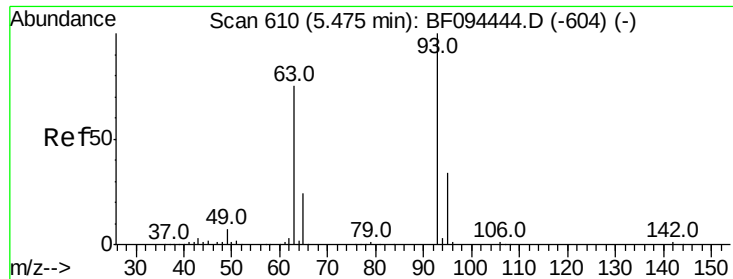


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.17 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampled :

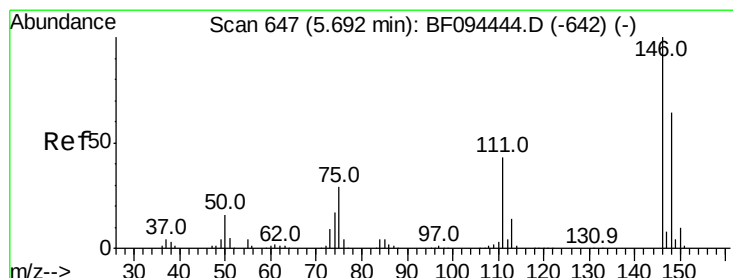
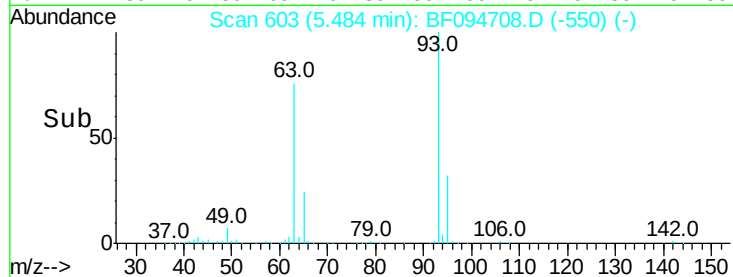
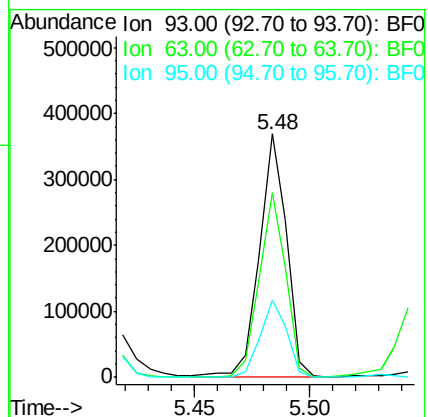
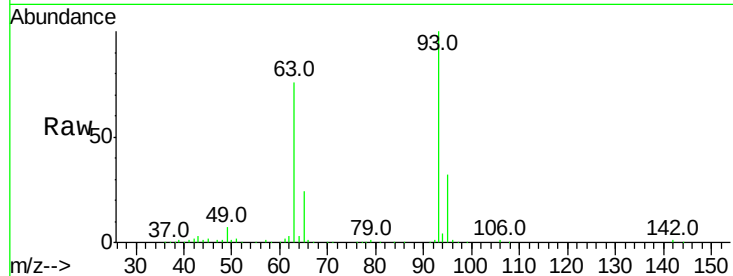
Tot Ion: 93 Resp: 300110

Ion Ratio Lower Upper

93 100

63 76.1 59.2 99.2

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.17 ng

RT: 5.70 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

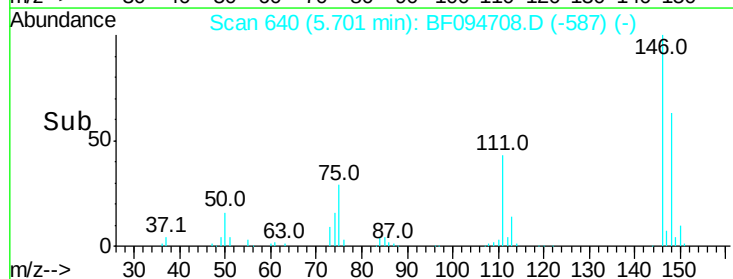
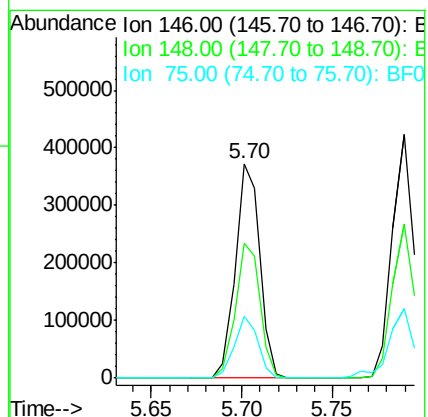
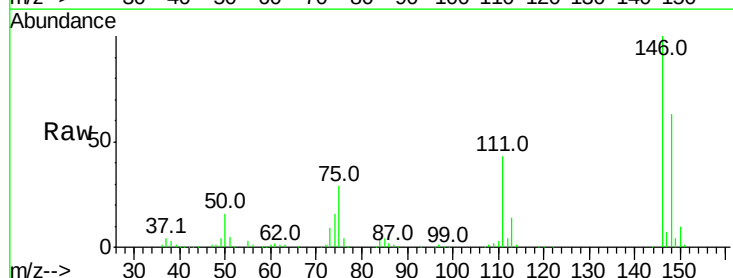
Tgt Ion: 146 Resp: 348922

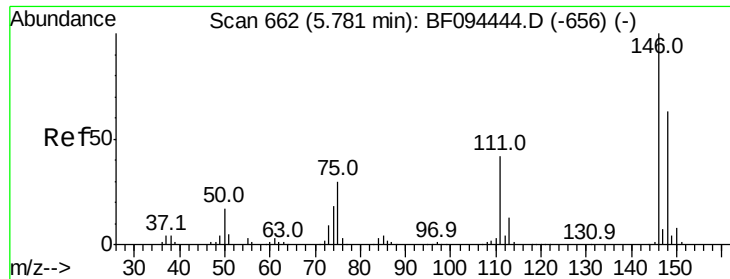
Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

75 29.0 23.1 34.7

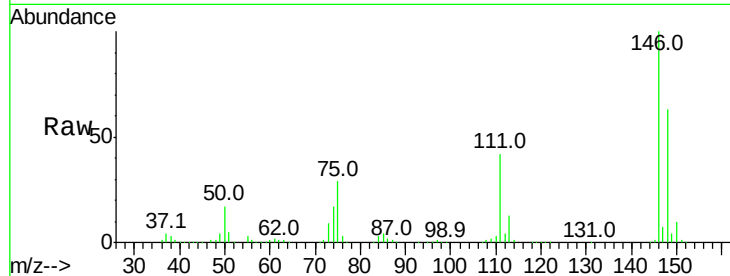




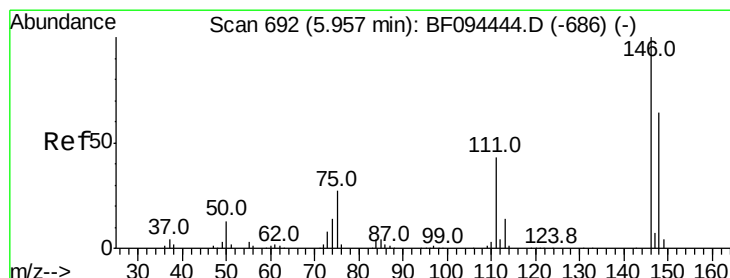
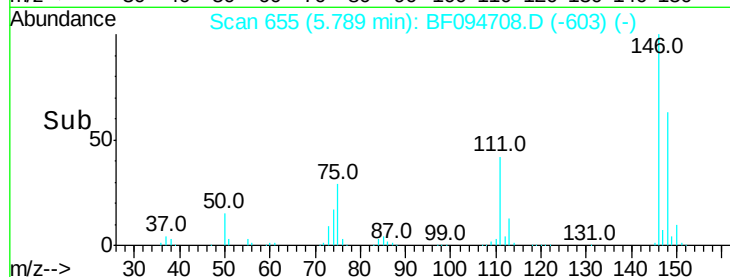
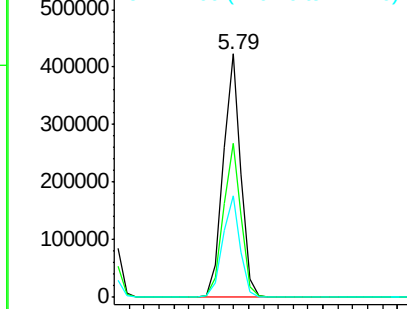
#13
 1,4-Dichlorobenzene
 Concen: 40.18 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 351139
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 41.6 30.3 45.5

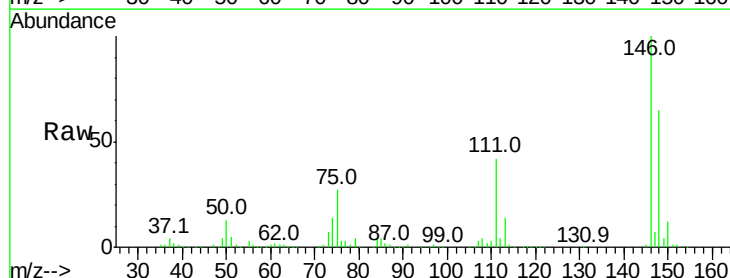


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

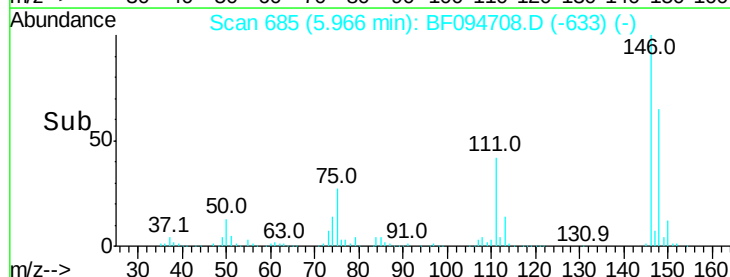
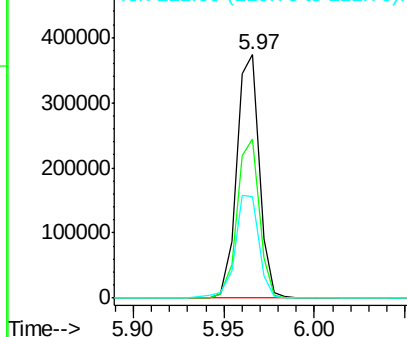


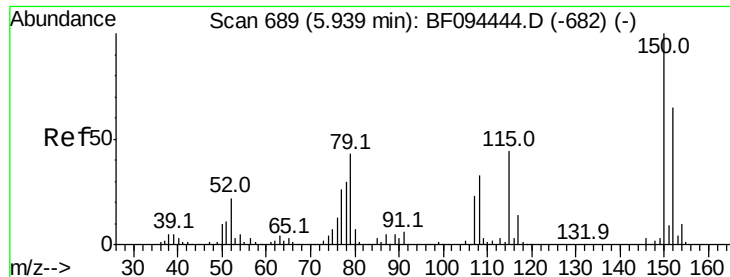
#14
 1,2-Dichlorobenzene
 Concen: 40.19 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:146 Resp: 323496
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.4 75.6
 111 41.9 38.2 57.4



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

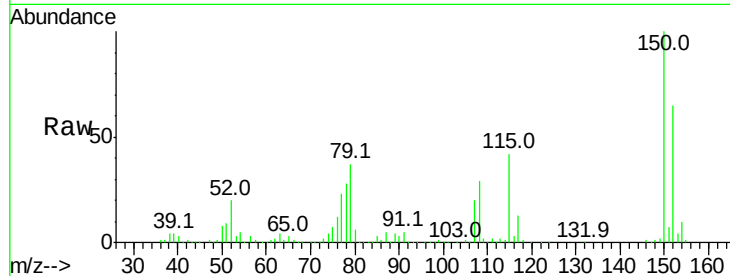




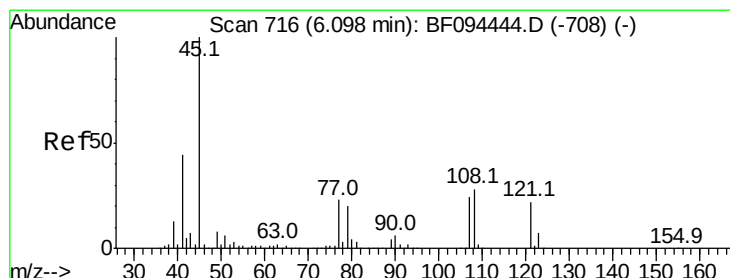
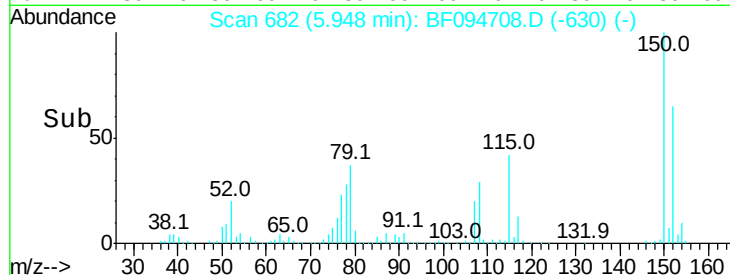
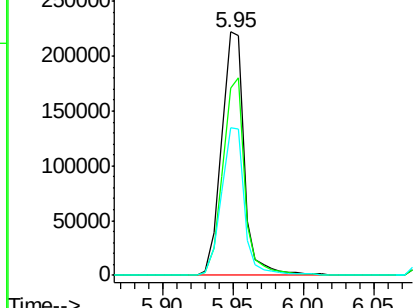
#15
Benzyl Alcohol
Concen: 41.26 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	63.4	95.0
77	60.7	49.2	73.8

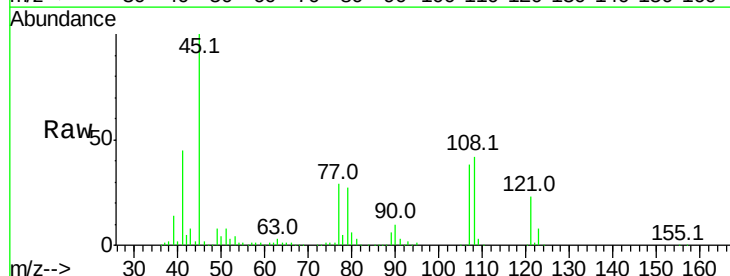


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

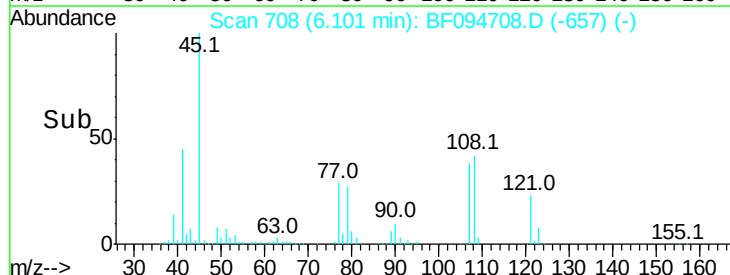
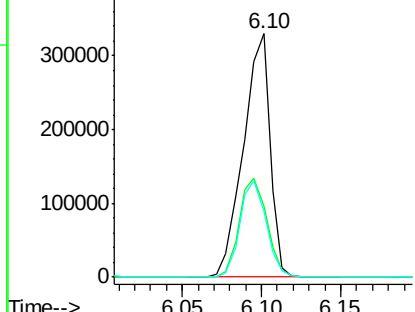


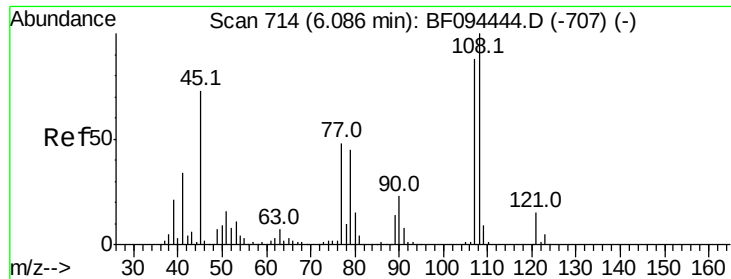
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.24 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.2	0.0	33.2
79	26.7	0.0	30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.50 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 262430

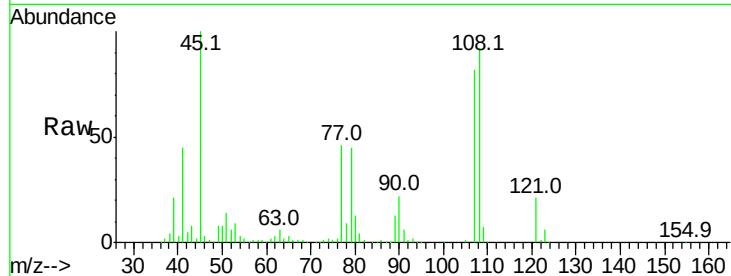
Ion Ratio Lower Upper

107 100

108 112.0 93.4 140.0

77 56.3 35.8 53.6#

79 54.4 34.8 52.2#

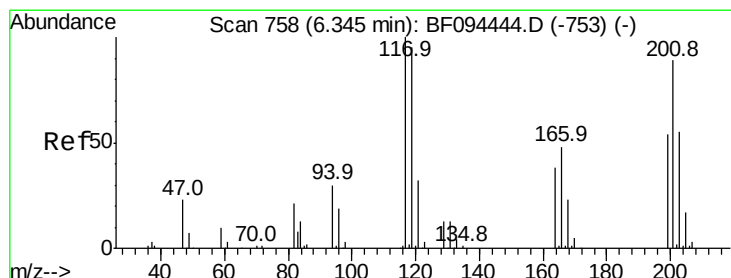
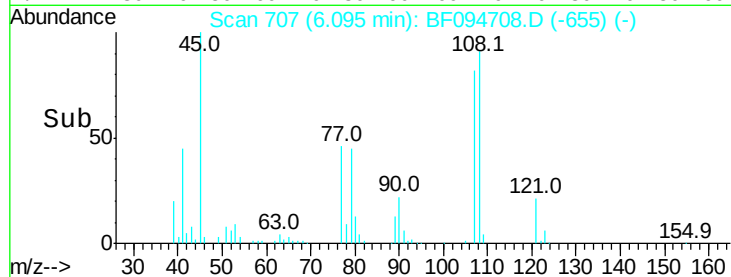
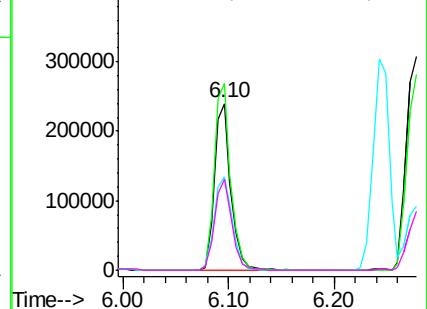


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.71 ng

RT: 6.35 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

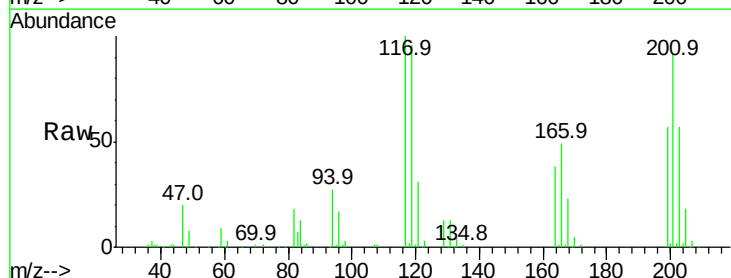
Tgt Ion:117 Resp: 121969

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

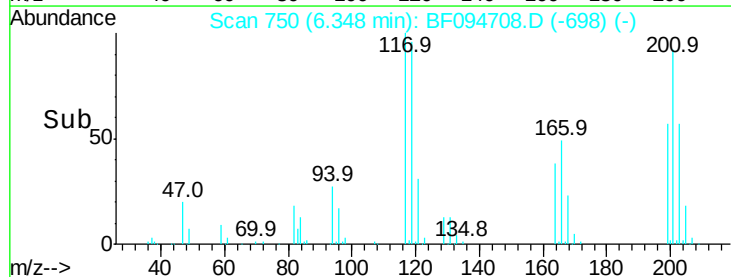
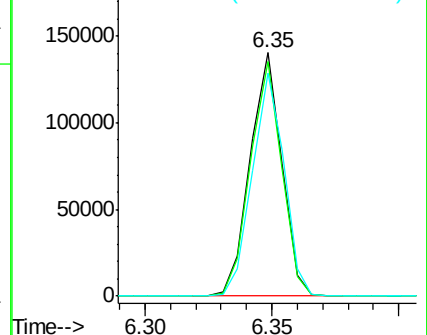
201 91.6 94.6 141.8#

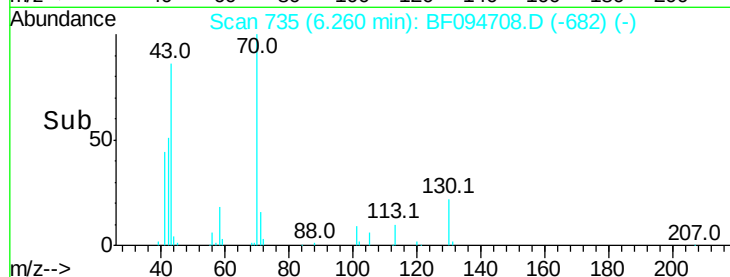
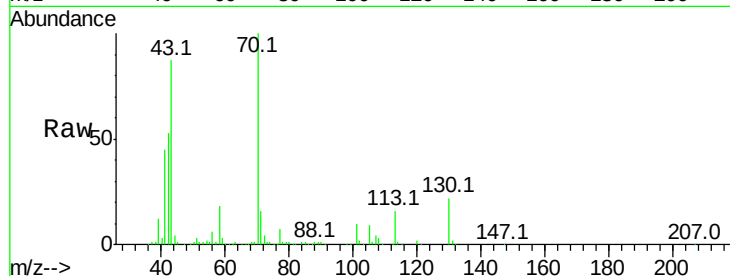
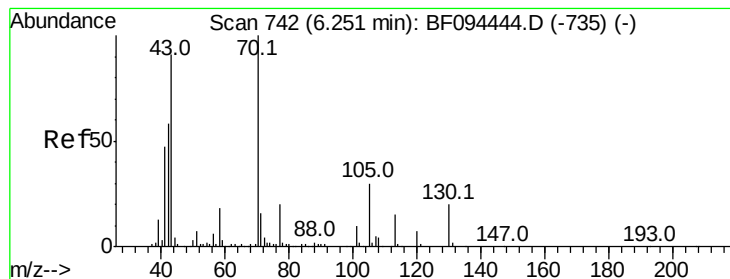


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.49 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 228699

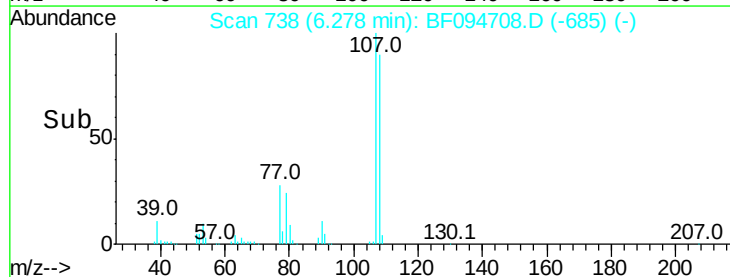
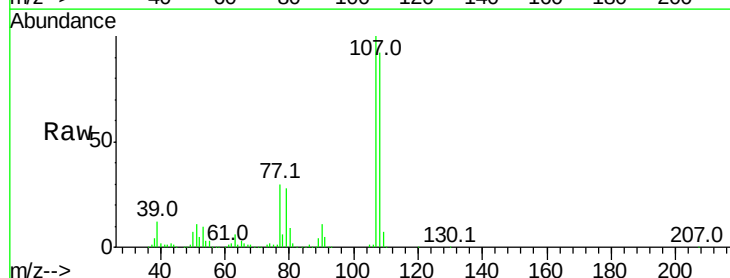
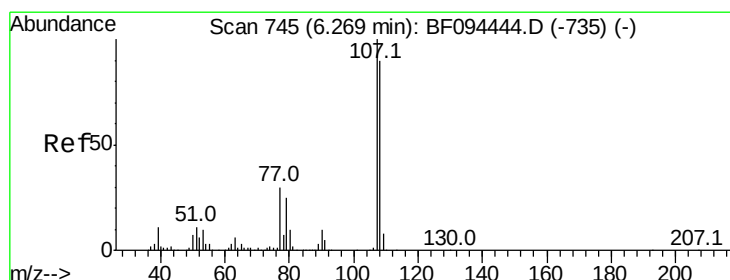
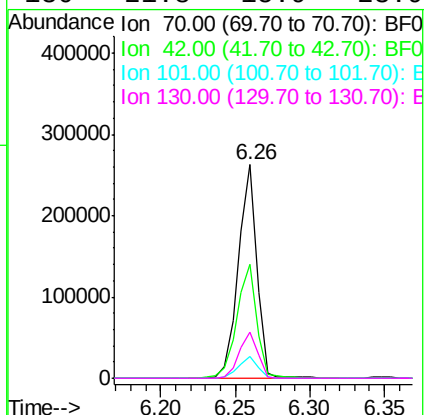
Ion Ratio Lower Upper

70 100

42 53.2 47.2 70.8

101 10.0 7.2 10.8

130 21.8 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.50 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:107 Resp: 364951

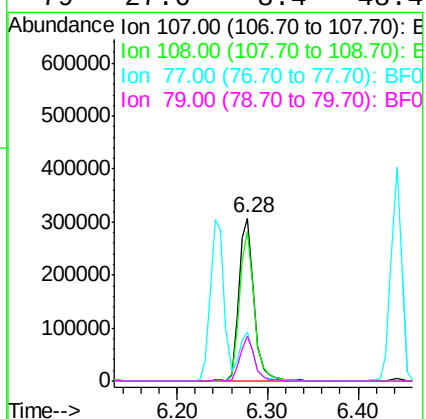
Ion Ratio Lower Upper

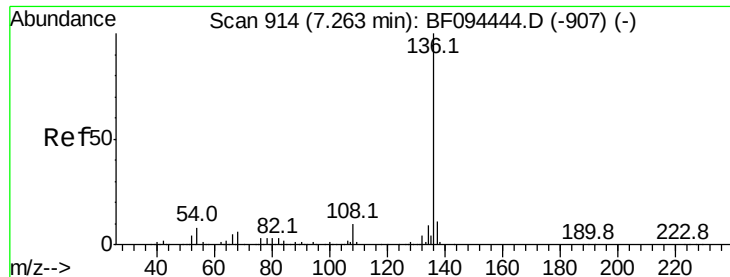
107 100

108 91.6 71.0 111.0

77 30.1 90.5 130.5#

79 27.6 8.4 48.4

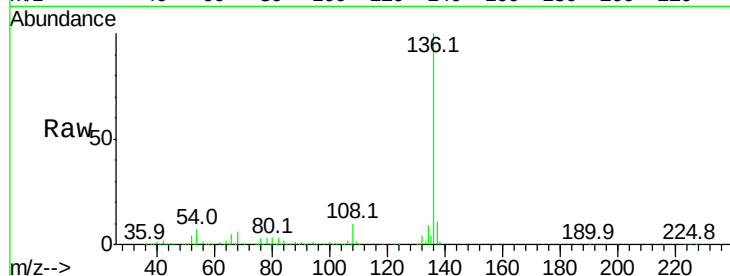




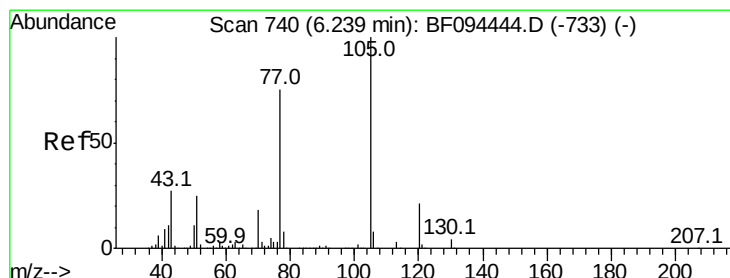
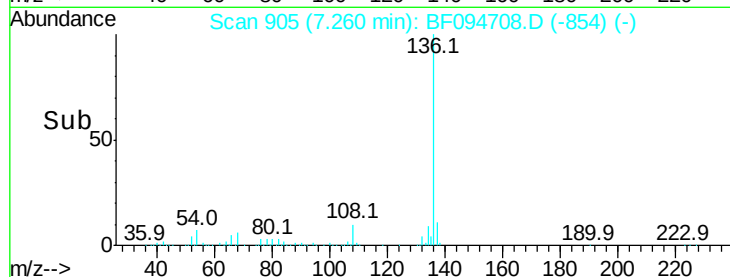
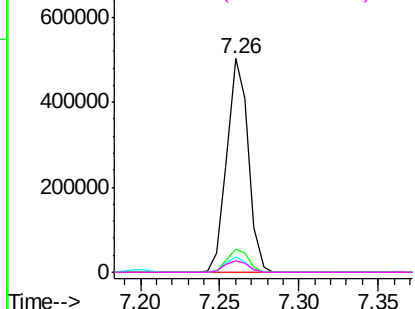
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	467342
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 7.1	4.9	7.3
68 5.6	4.1	6.1

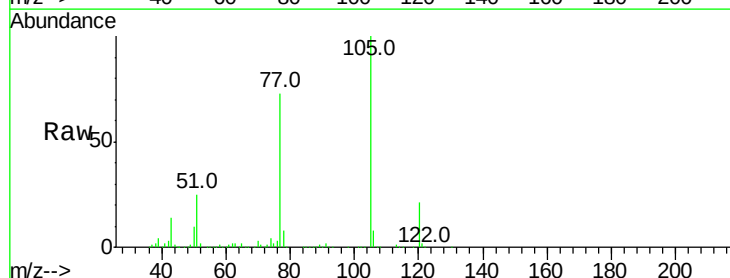


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

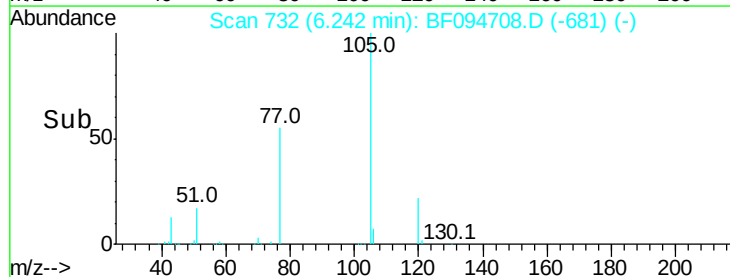
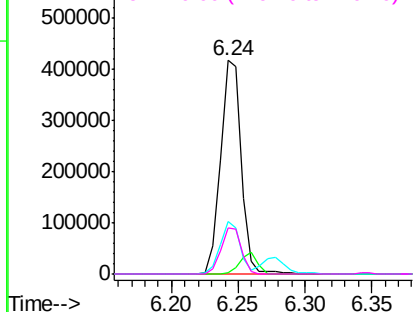


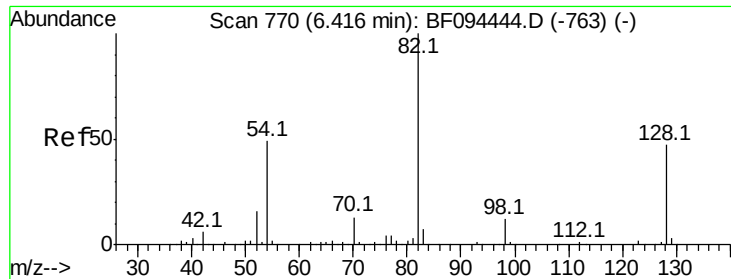
#22
Acetophenone
Concen: 40.27 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt	Ion:105	Resp:	457572
Ion	Ratio	Lower	Upper
105	100		
71	0.5	2.8	4.2#
51	24.7	30.7	46.1#
120	21.4	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

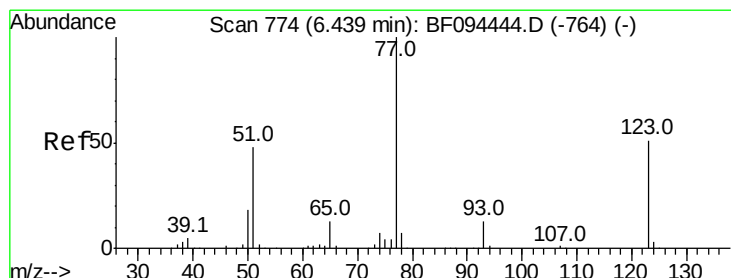
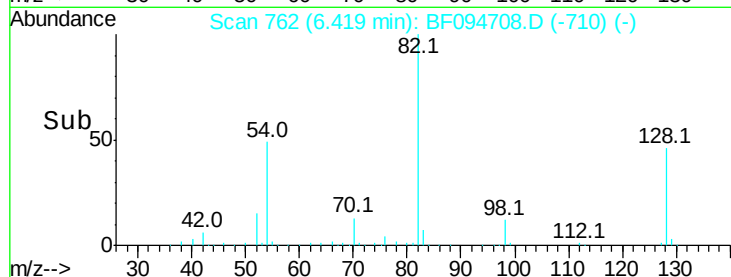
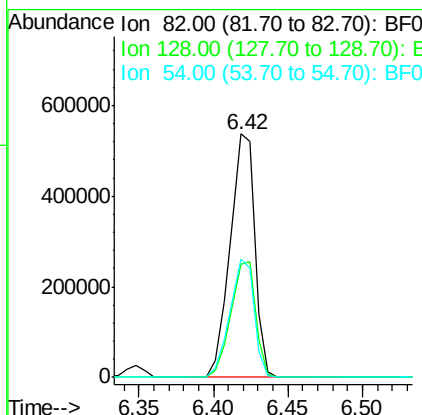
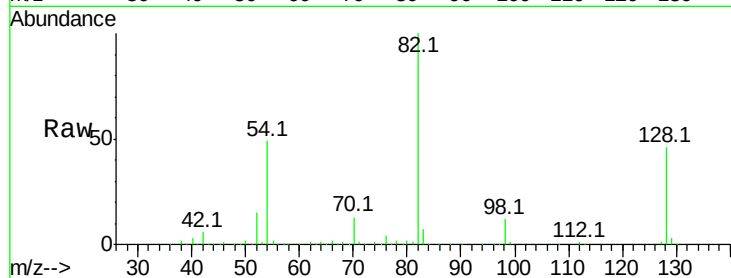




#23
 Nitrobenzene-d5
 Concen: 83.15 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

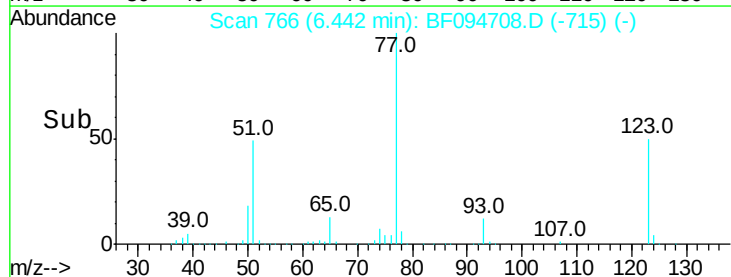
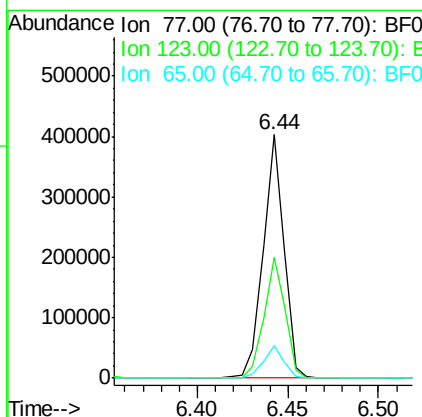
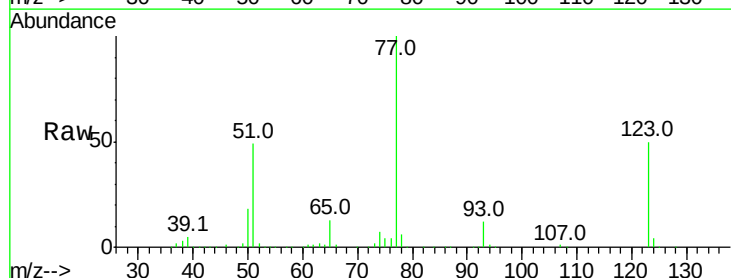
Instrument :
 BNA_F
 ClientSampleId :

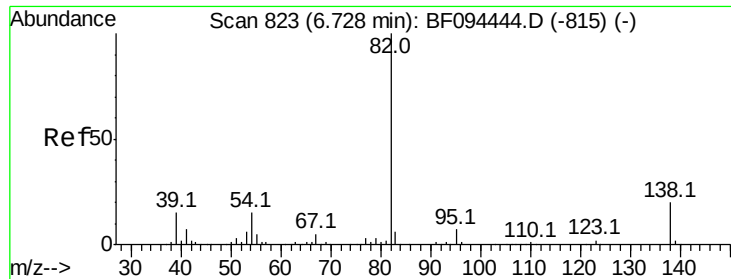
Tot Ion	82	Resp	629350
Ion Ratio	100	Lower	Upper
128	46.5	34.0	51.0
54	48.7	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.54 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	77	Resp	323081
Ion Ratio	100	Lower	Upper
123	49.6	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 41.96 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

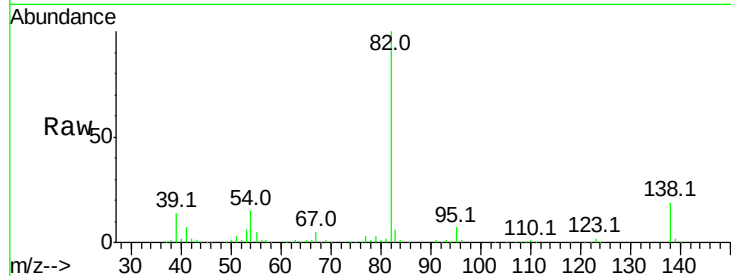
Tot Ion: 82 Resp: 588700

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

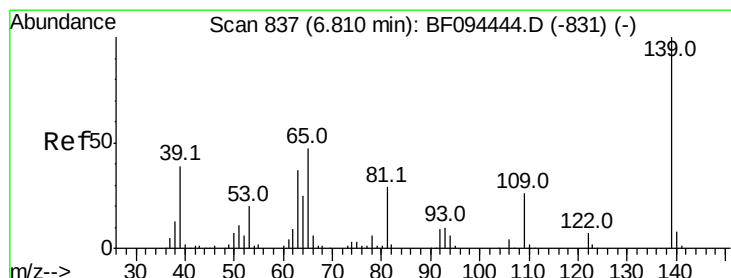
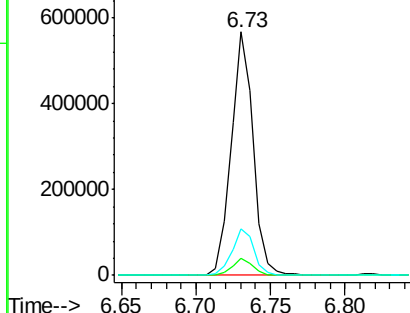
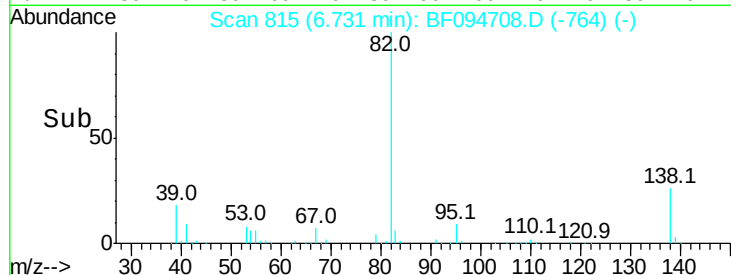
138 19.4 13.1 19.7



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: 43.08 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

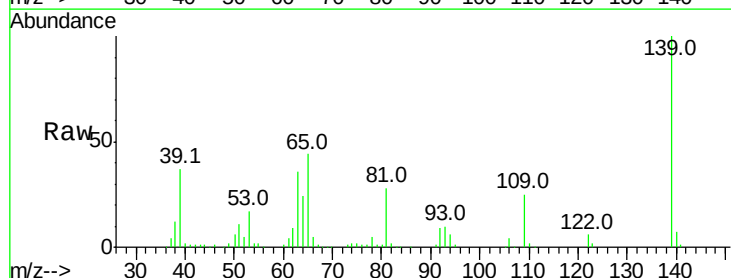
Tgt Ion:139 Resp: 184456

Ion Ratio Lower Upper

139 100

109 25.3 21.0 31.6

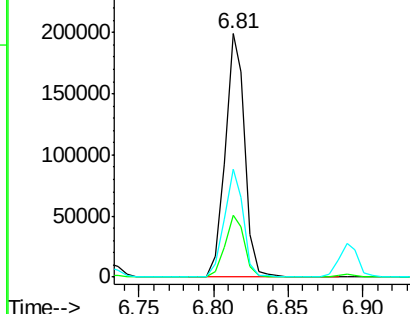
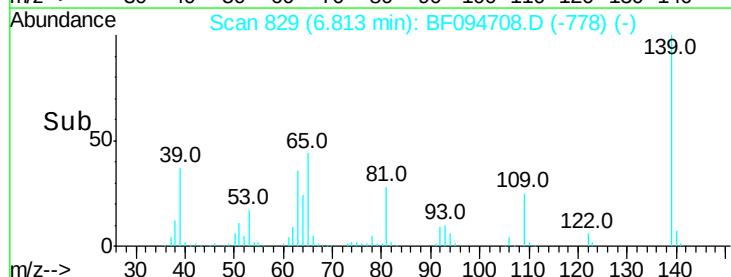
65 44.2 33.0 49.6

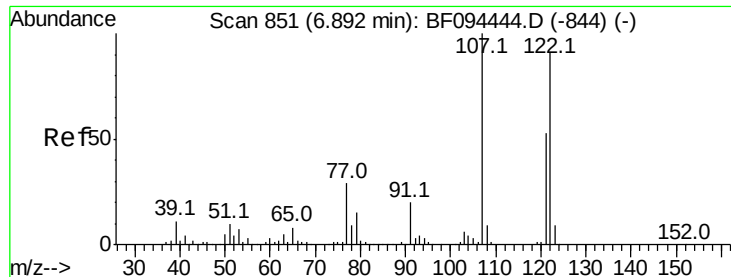


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

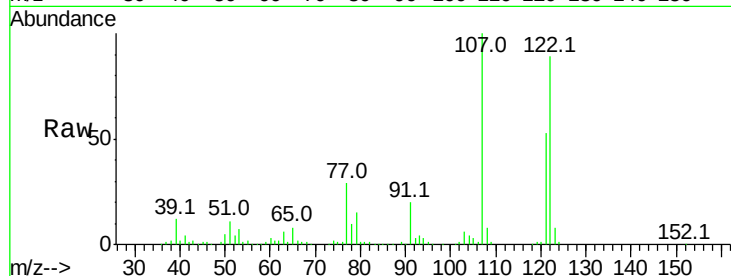




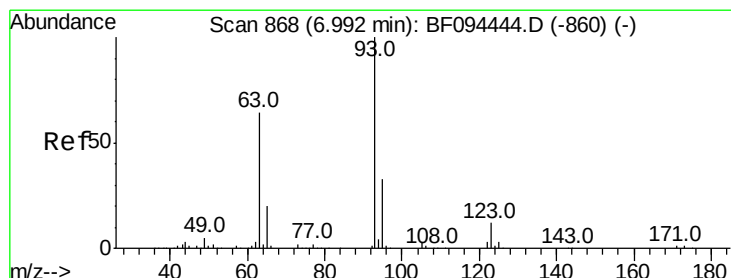
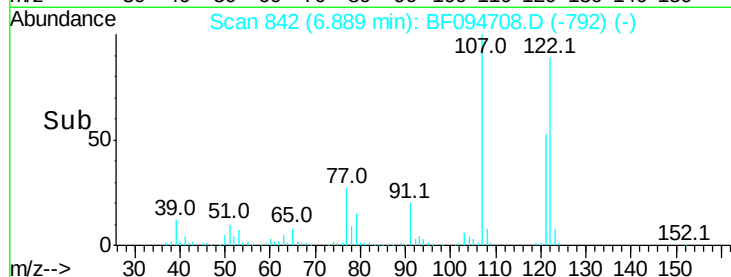
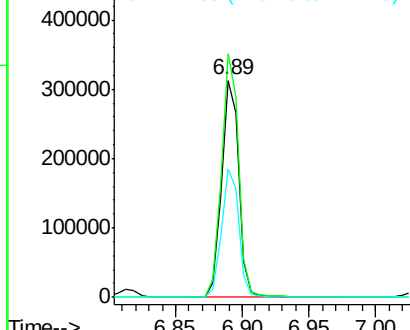
#27
 2,4-Dimethylphenol
 Concen: 41.30 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 287238
 Ion Ratio Lower Upper
 122 100
 107 112.2 89.2 133.8
 121 59.3 45.2 67.8

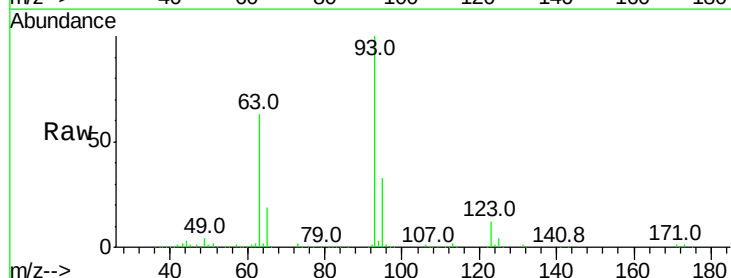


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

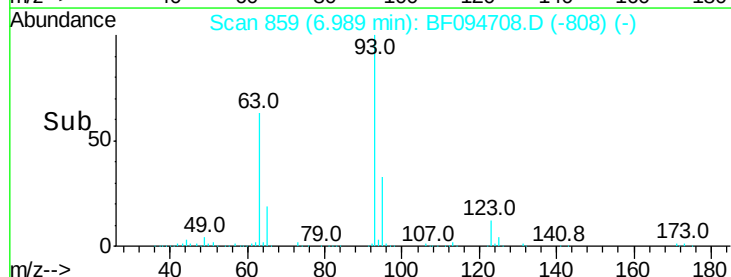
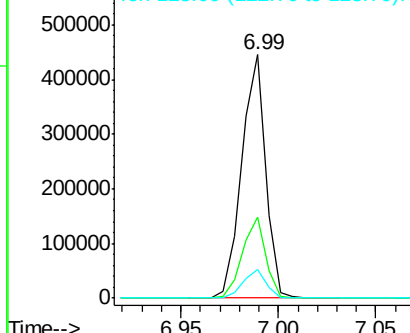


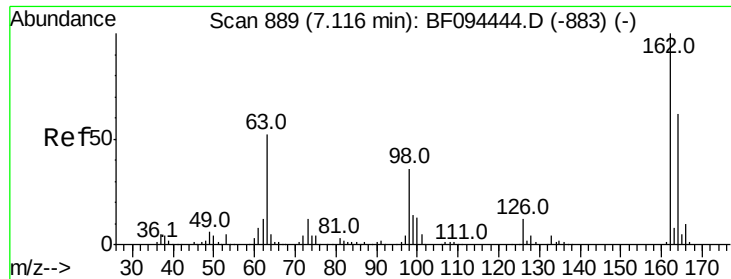
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.63 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion: 93 Resp: 377820
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 11.6 9.0 13.4



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

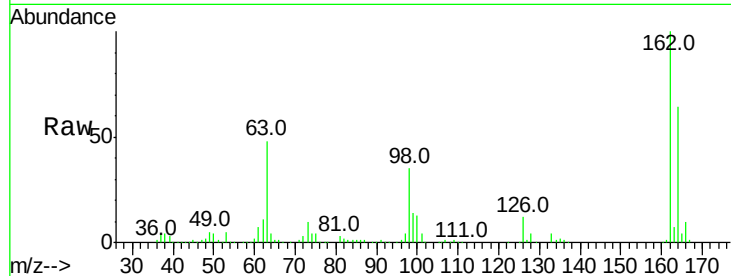




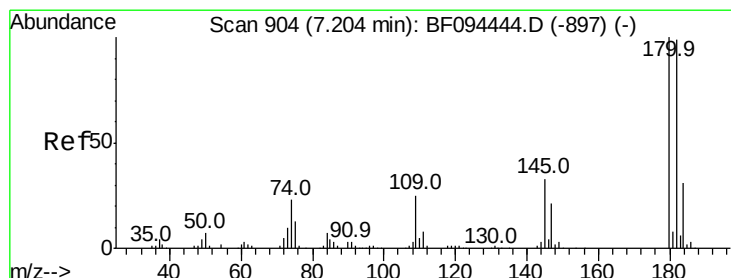
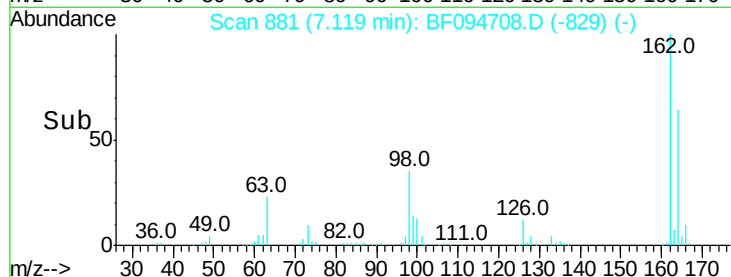
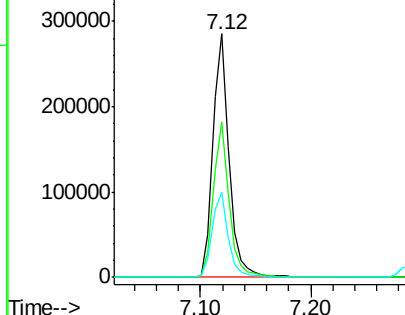
#29
 2,4-Dichlorophenol
 Concen: 44.18 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	35.0	14.8	54.8

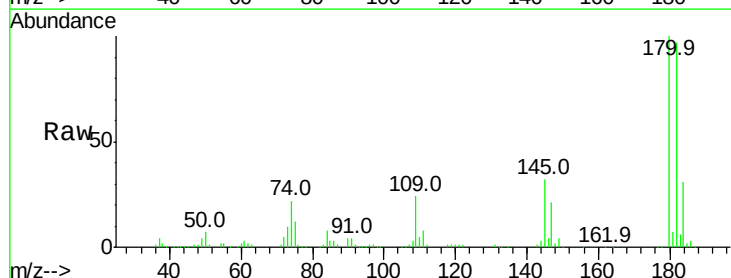


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

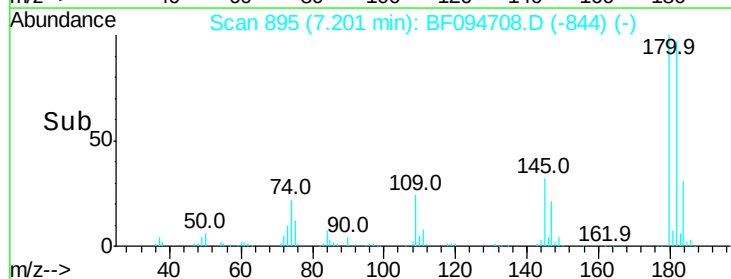
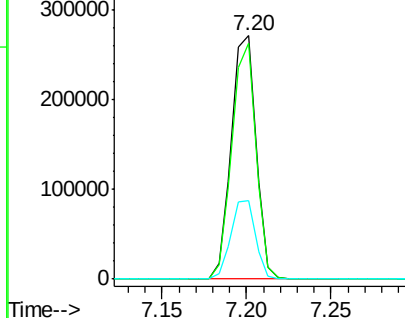


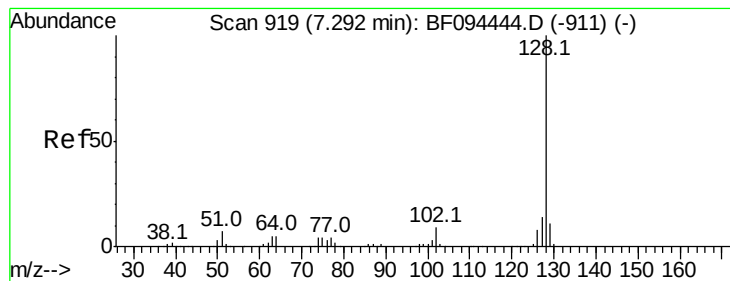
#30
 1,2,4-Trichlorobenzene
 Concen: 41.19 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.8	113.6
145	32.1	25.3	37.9



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





#31

Naphthalene

Concen: 40.54 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

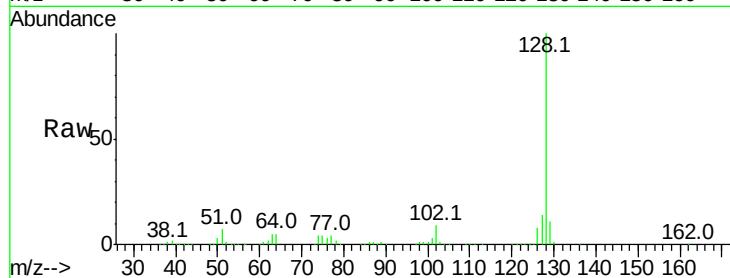
Tot Ion:128 Resp: 910903

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

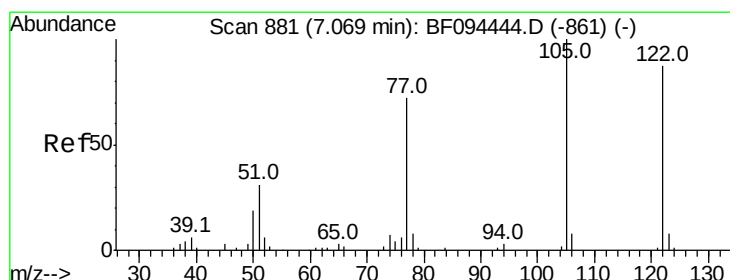
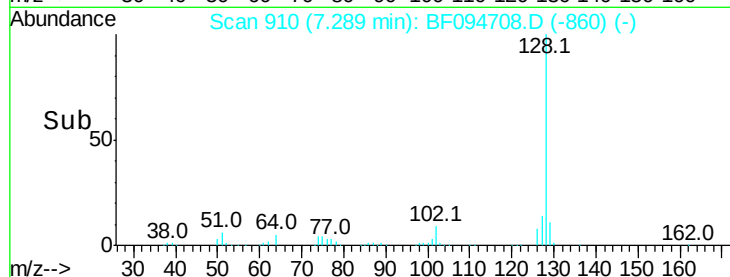
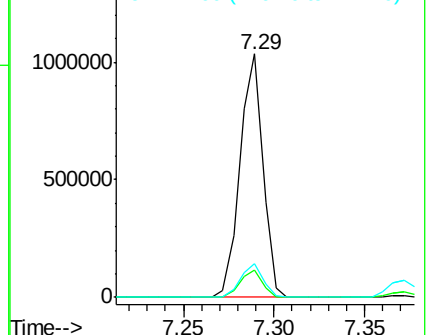
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.28 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

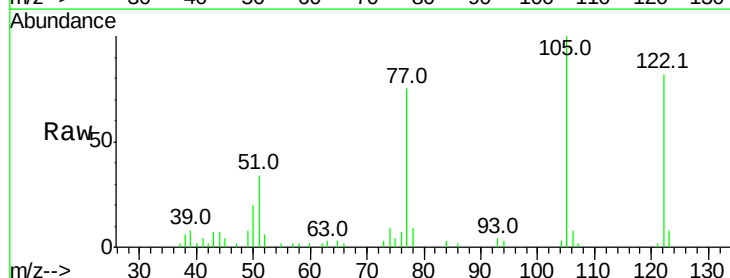
Tgt Ion:122 Resp: 26762

Ion Ratio Lower Upper

122 100

105 121.6 103.3 143.3

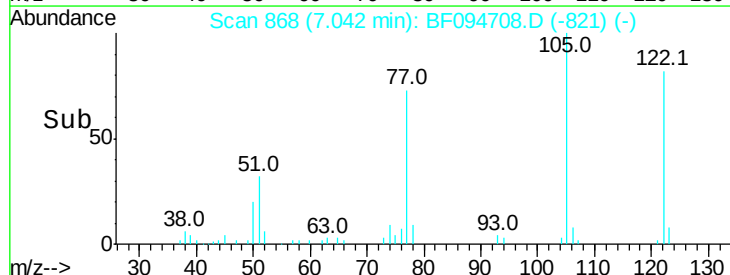
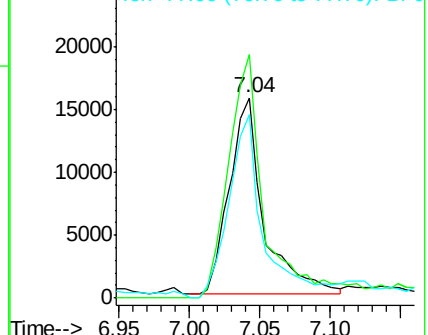
77 91.6 73.7 113.7

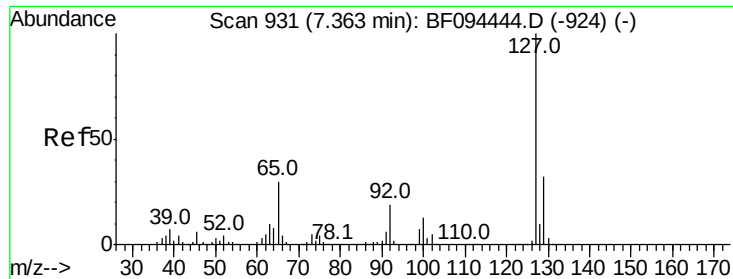


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

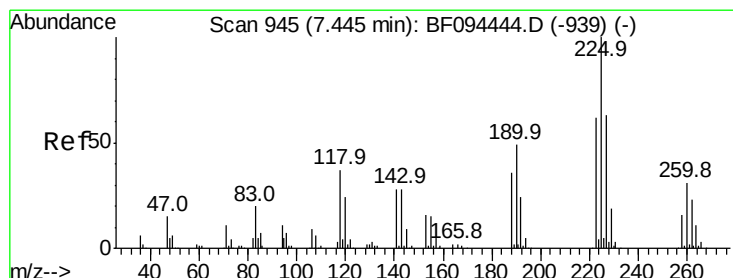
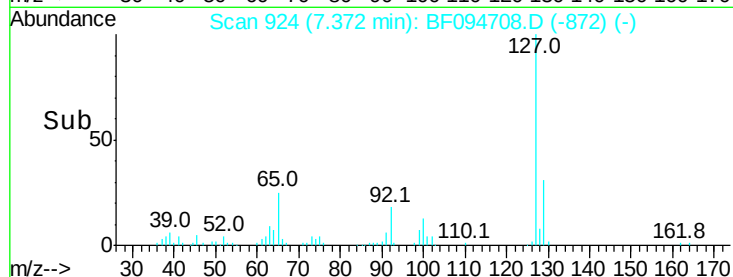
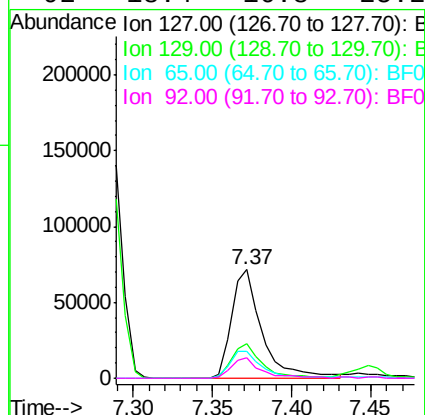
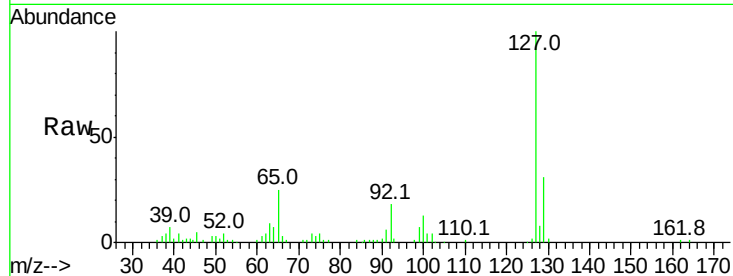




#33
 4-Chloroaniline
 Concen: 10.18 ng
 RT: 7.37 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

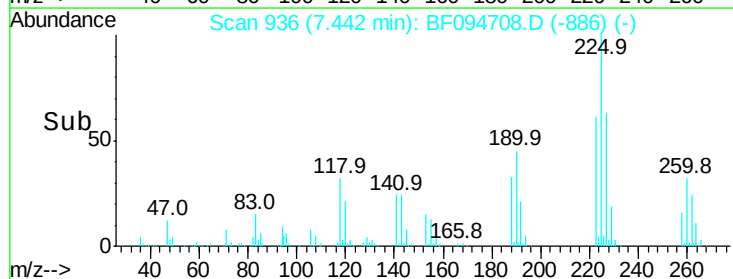
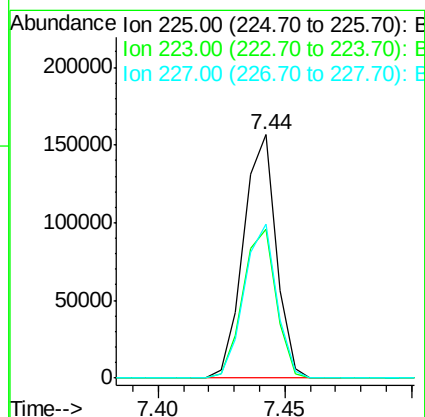
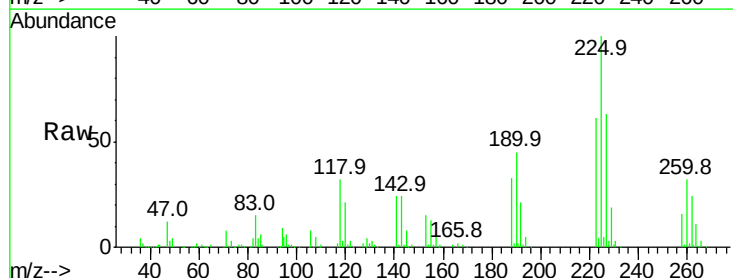
Instrument :
 BNA_F
 ClientSampled :

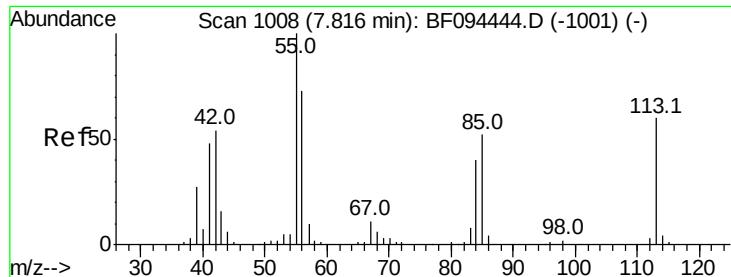
Tot Ion:	127	Resp:	95173
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	25.1	27.8	41.8#
92	18.4	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 42.08 ng
 RT: 7.44 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:	225	Resp:	140328
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	63.5	51.1	76.7





#35

Caprolactam

Concen: 20.71 ng

RT: 7.85 min Scan# 1006

Delta R.T. 0.04 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampled :

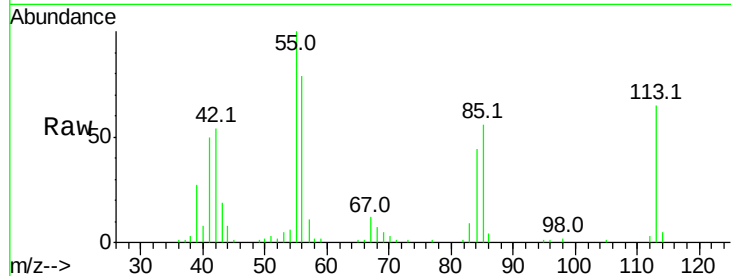
Tot Ion:113 Resp: 42091

Ion Ratio Lower Upper

113 100

55 154.7 150.2 190.2

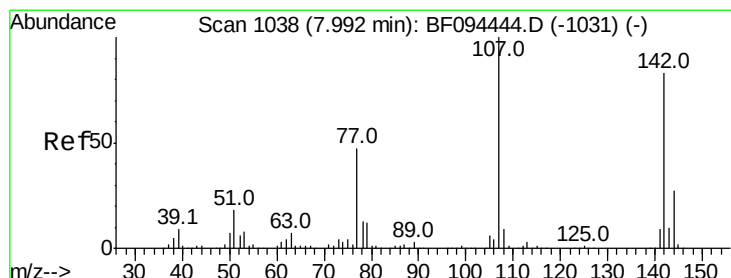
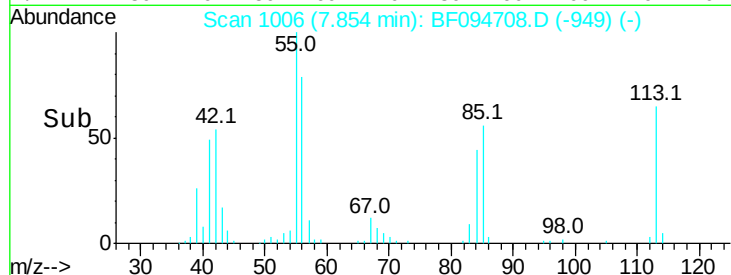
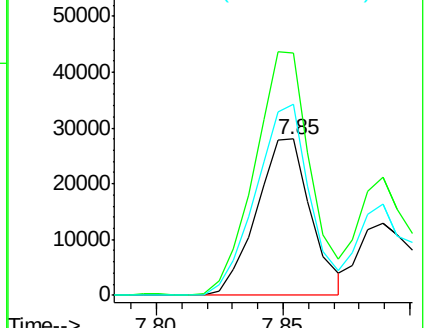
56 121.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.84 ng

RT: 8.00 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

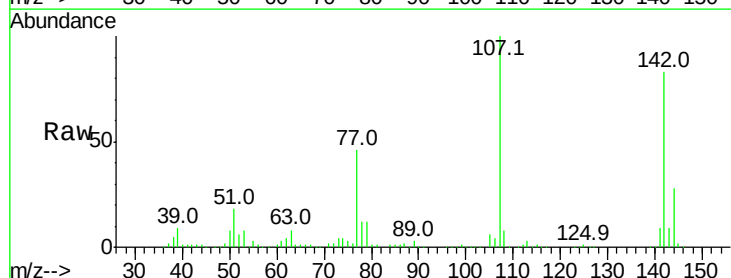
Tgt Ion:107 Resp: 297241

Ion Ratio Lower Upper

107 100

144 27.7 24.2 36.4

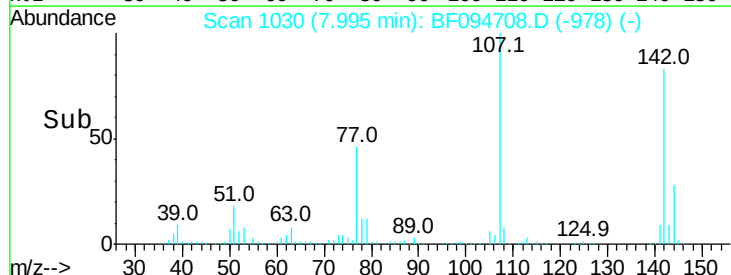
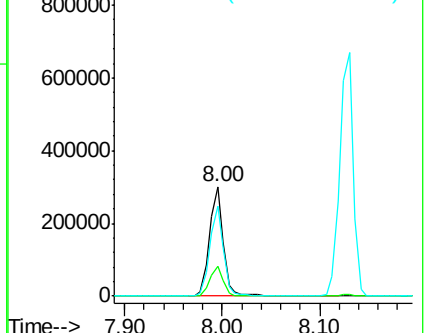
142 82.5 73.4 110.0

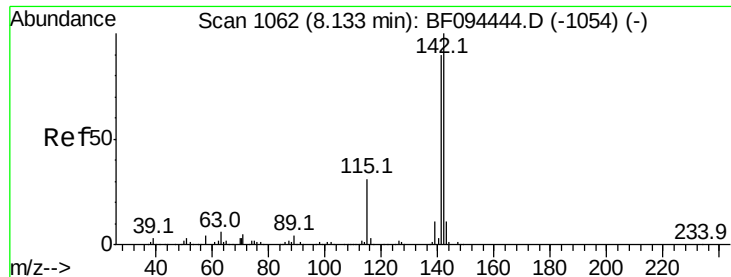


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.74 ng

RT: 8.13 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

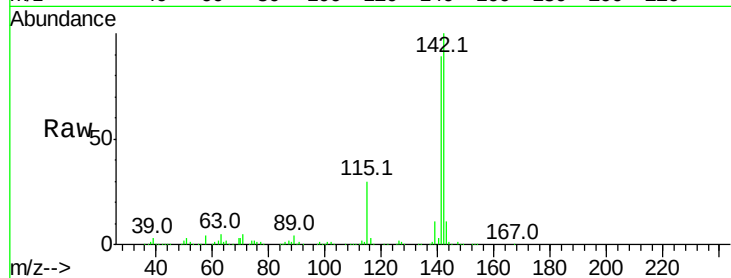
Tot Ion:142 Resp: 641539

Ion Ratio Lower Upper

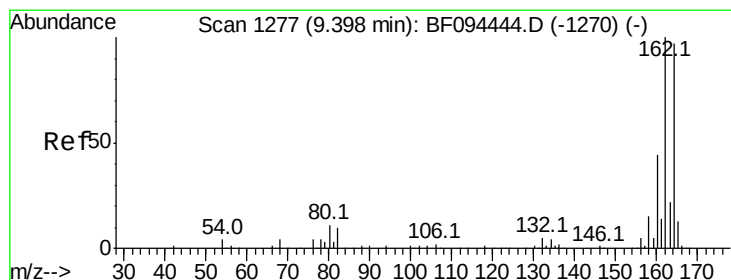
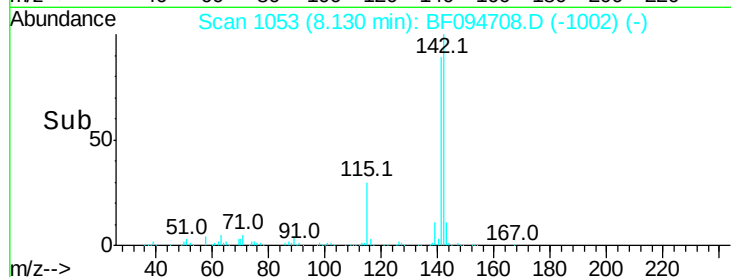
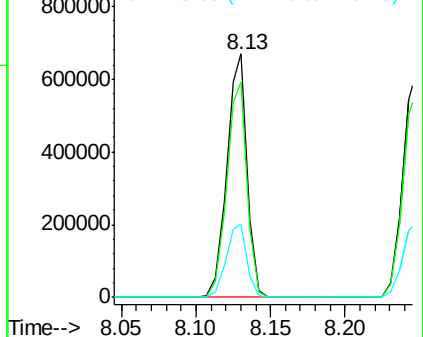
142 100

141 88.5 71.3 106.9

115 30.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

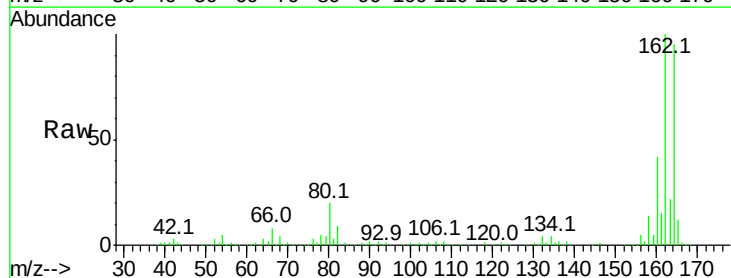
Tgt Ion:164 Resp: 217569

Ion Ratio Lower Upper

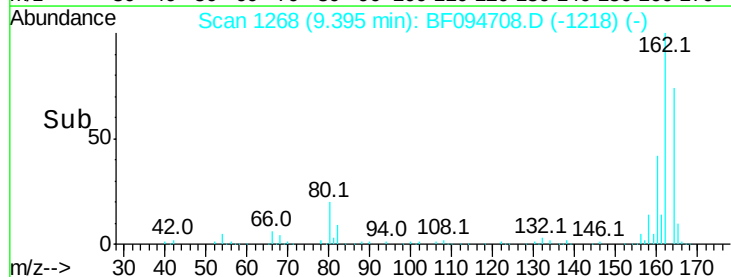
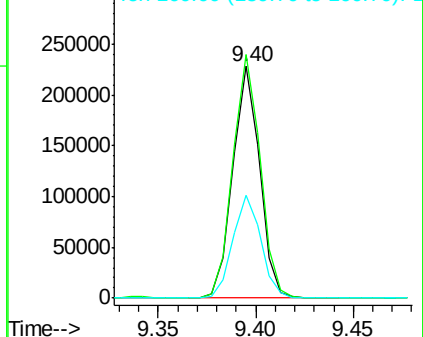
164 100

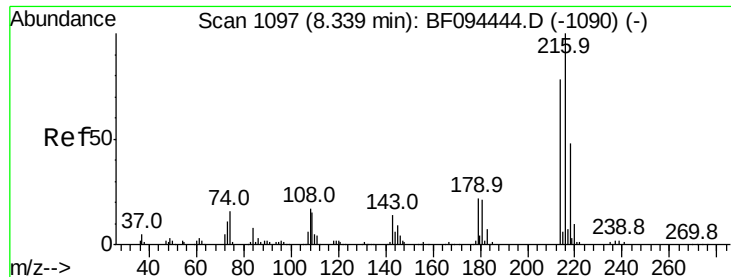
162 104.9 82.6 123.8

160 44.3 36.2 54.2



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: 41.04 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 254260

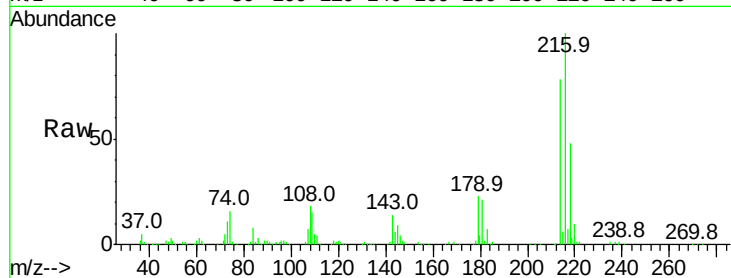
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 22.2 17.9 26.9

108 21.7 16.5 24.7

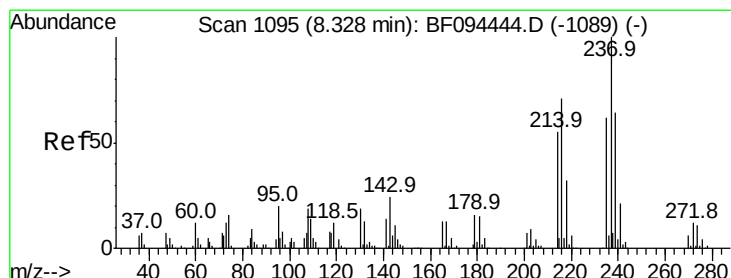
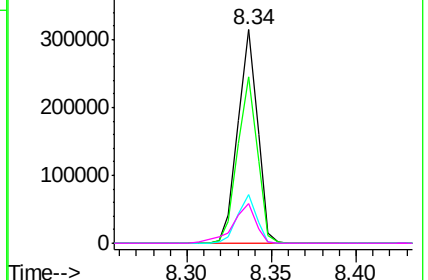
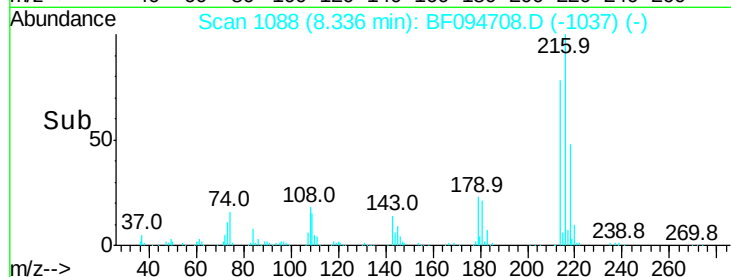


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.33 ng

RT: 8.32 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

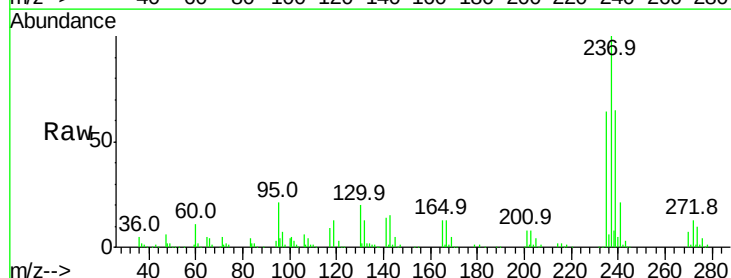
Tgt Ion:237 Resp: 228896

Ion Ratio Lower Upper

237 100

235 63.9 42.6 82.6

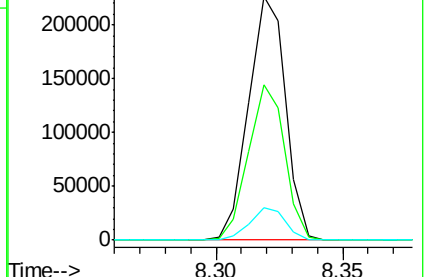
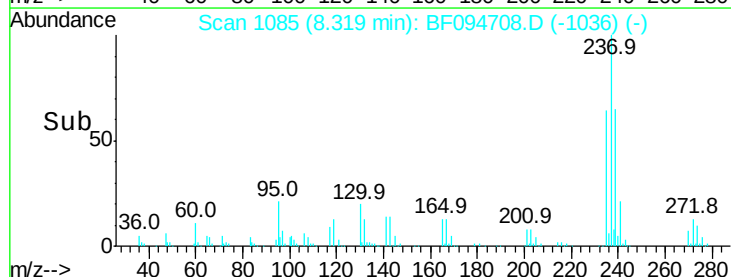
272 13.1 0.0 31.9

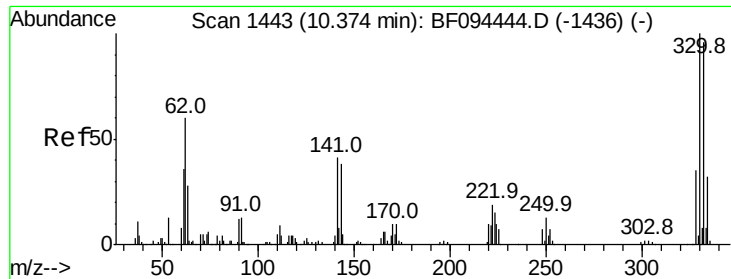


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

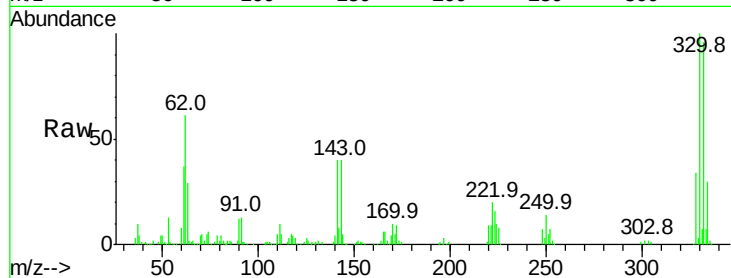




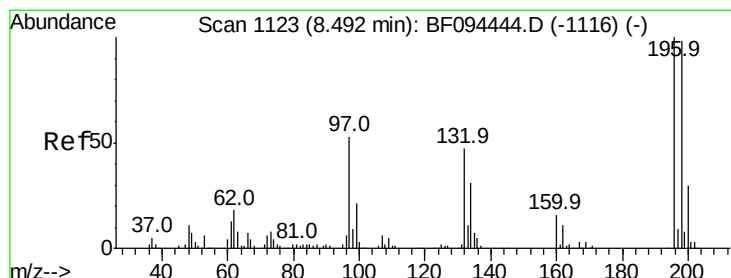
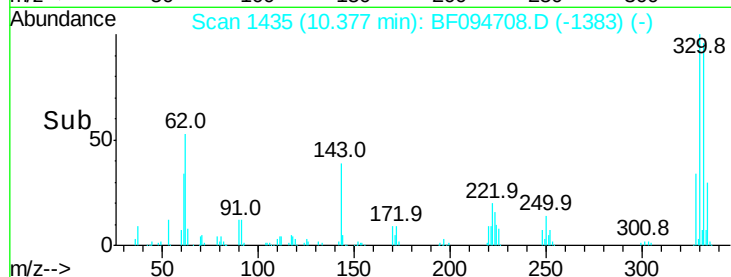
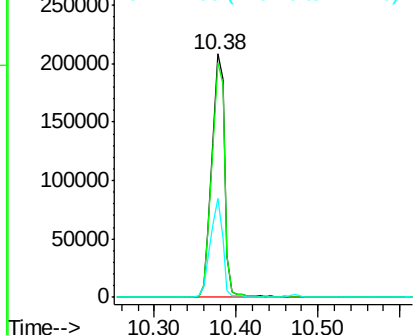
#41
 2,4,6-Tribromophenol
 Concen: 135.45 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 230515
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 38.7 31.4 47.2

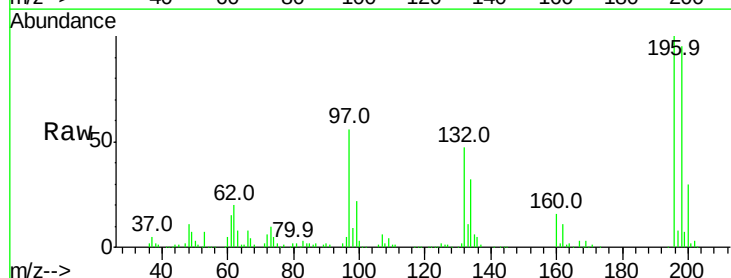


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

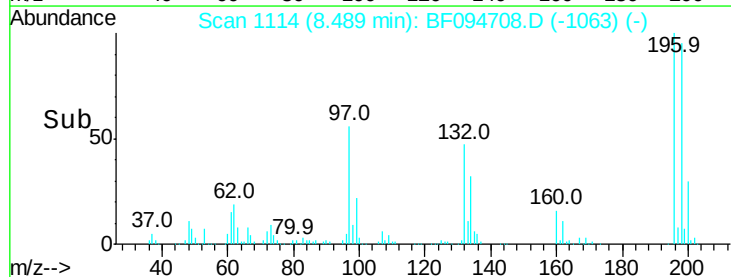
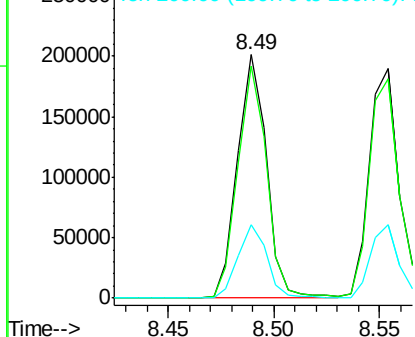


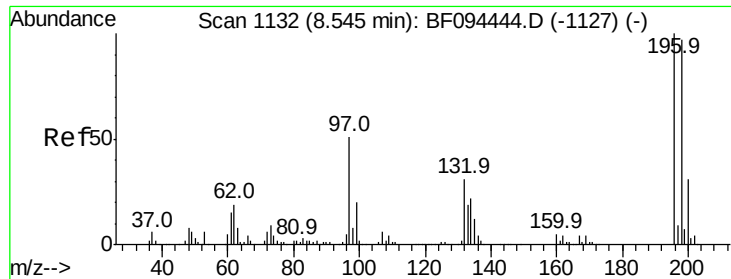
#42
 2,4,6-Trichlorophenol
 Concen: 44.49 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:196 Resp: 193579
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 30.2 24.0 36.0



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

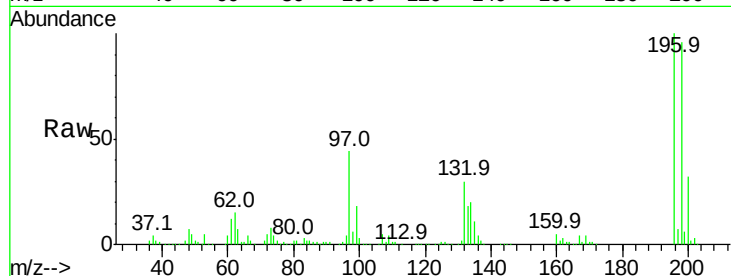




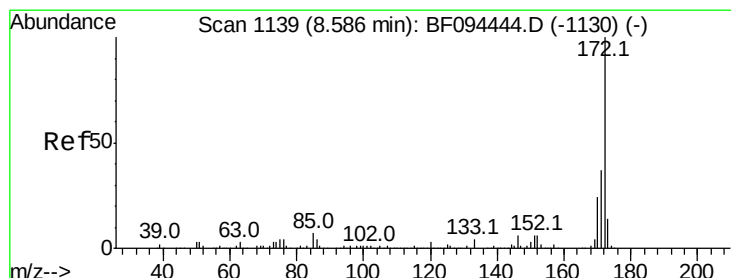
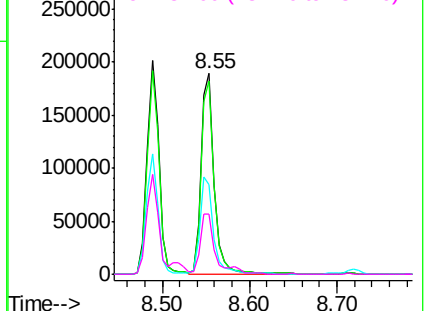
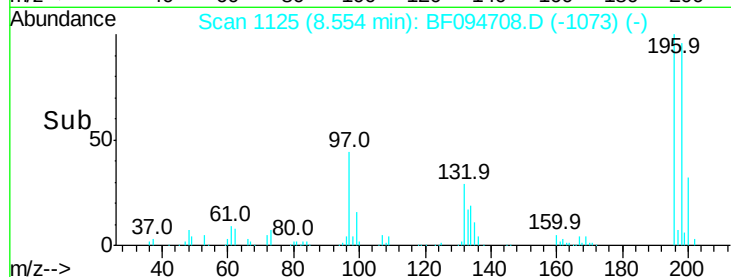
#43
 2,4,5-Trichlorophenol
 Concen: 44.53 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 198978
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 97 44.3 47.7 71.5#
 132 29.7 28.0 42.0

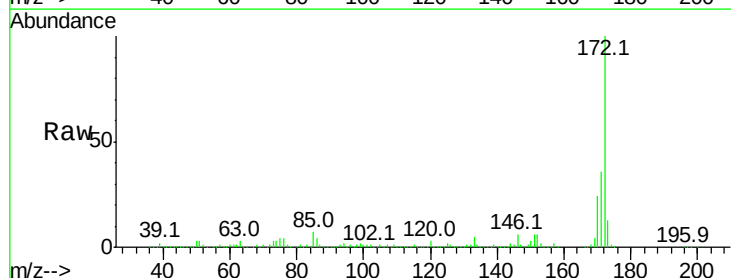


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

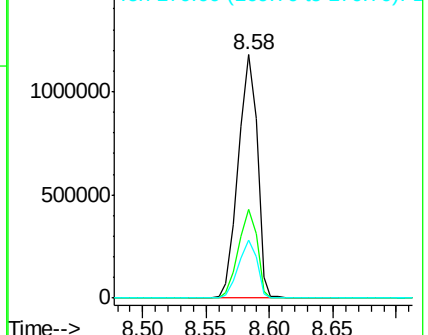
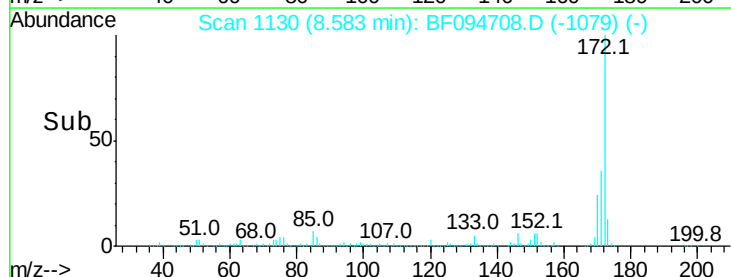


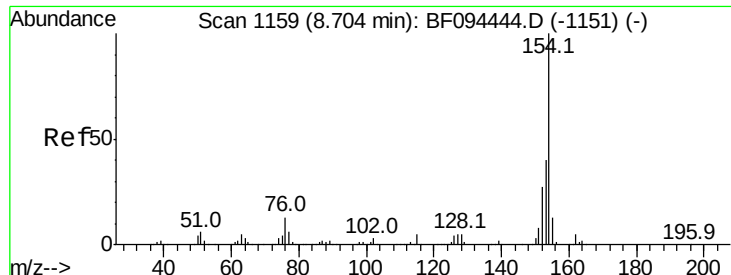
#44
 2-Fluorobiphenyl
 Concen: 82.05 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:172 Resp: 1213230
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.81 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

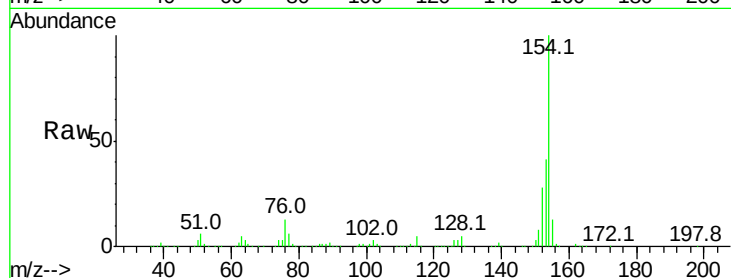
Tot Ion:154 Resp: 743296

Ion Ratio Lower Upper

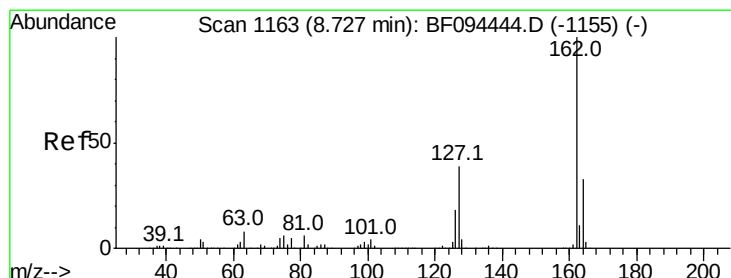
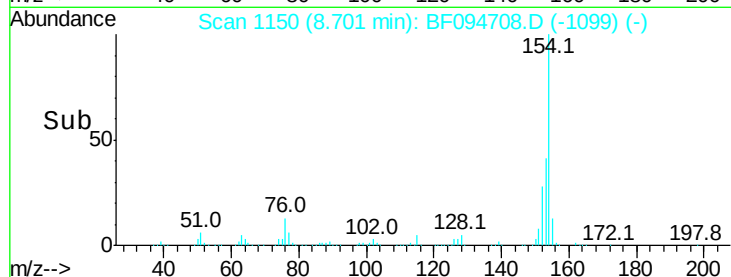
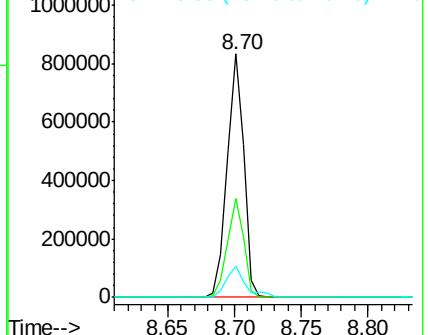
154 100

153 40.6 21.2 61.2

76 13.0 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 41.81 ng

RT: 8.72 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

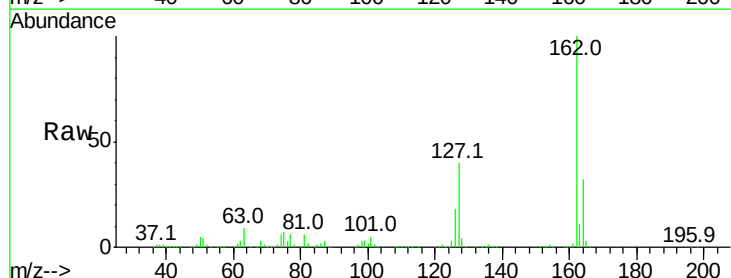
Tgt Ion:162 Resp: 590897

Ion Ratio Lower Upper

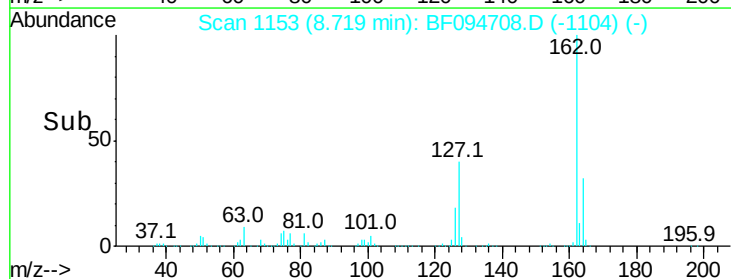
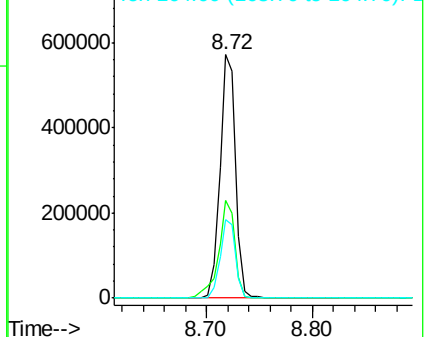
162 100

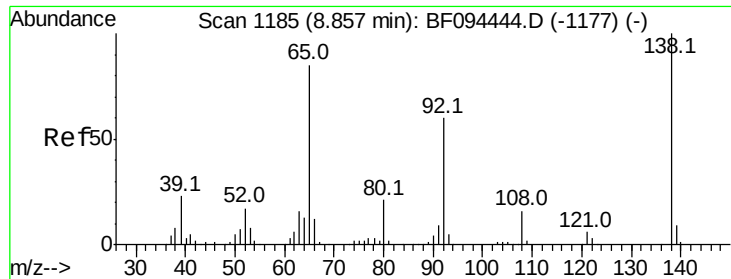
127 40.2 28.3 42.5

164 32.0 27.0 40.4



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

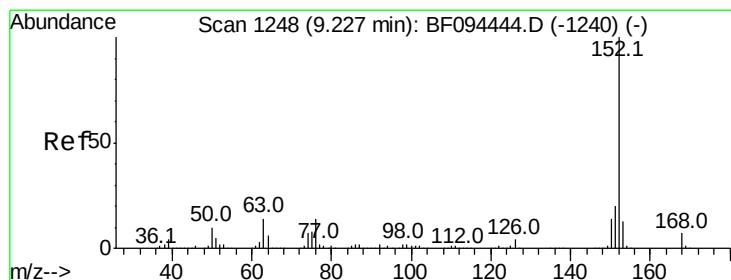
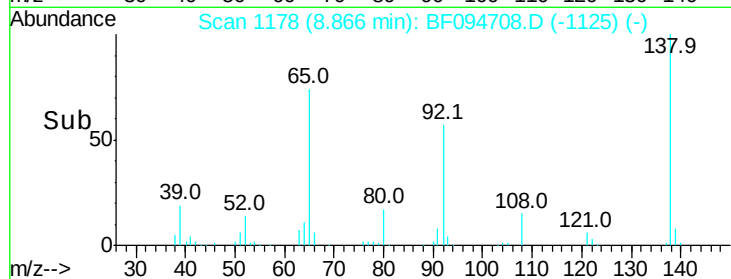
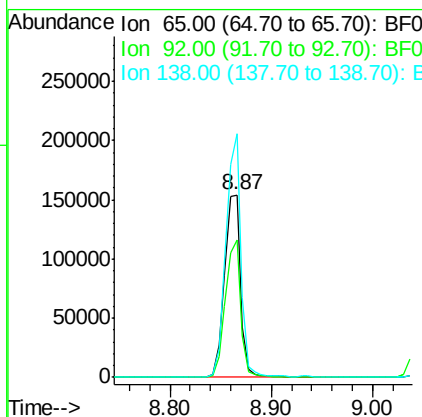
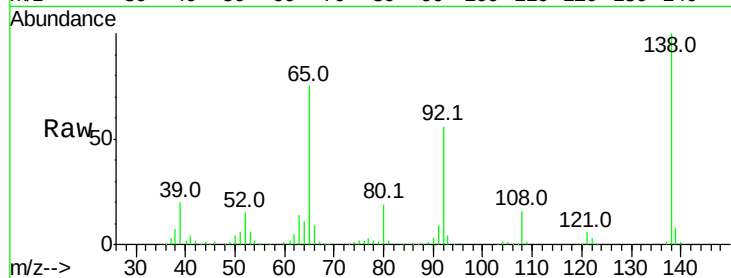




#47
 2-Nitroaniline
 Concen: 42.04 ng
 RT: 8.87 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

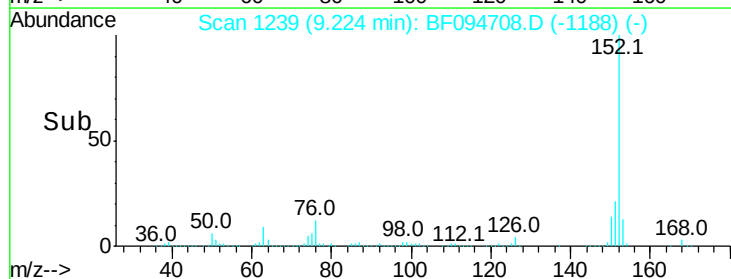
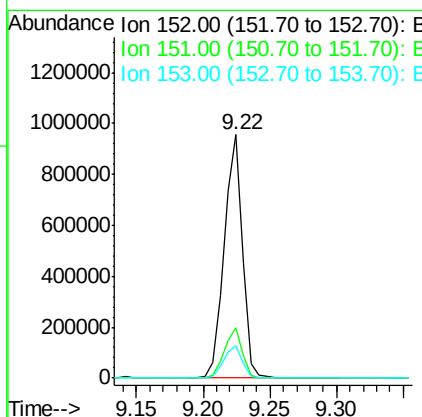
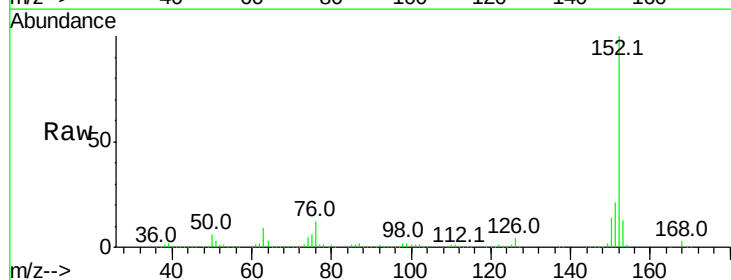
Instrument :
 BNA_F
 ClientSampled :

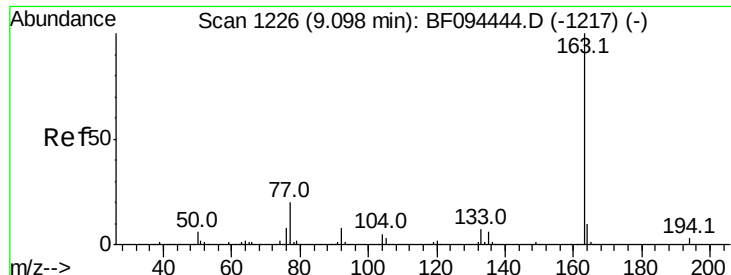
Tot Ion: 65 Resp: 170944
 Ion Ratio Lower Upper
 65 100
 92 75.5 53.9 80.9
 138 133.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.87 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:152 Resp: 922580
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.1 10.8 16.2

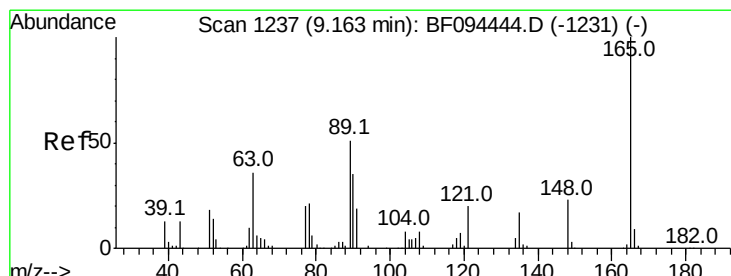
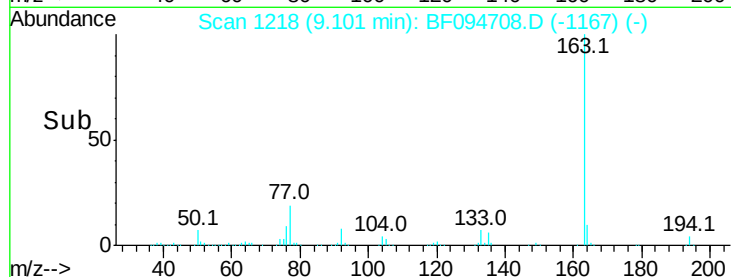
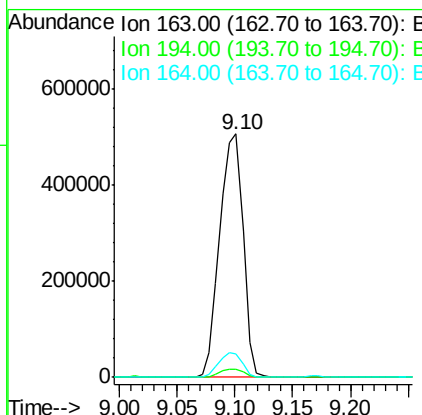
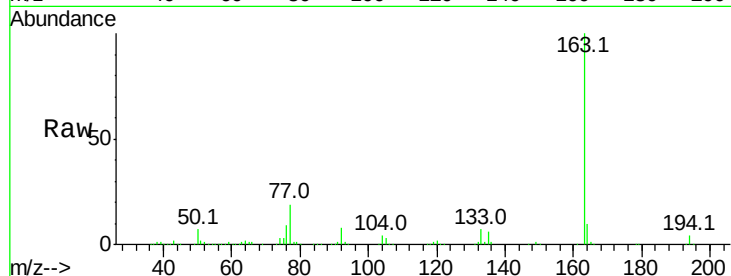




#49
Dimethylphthalate
Concen: 44.25 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

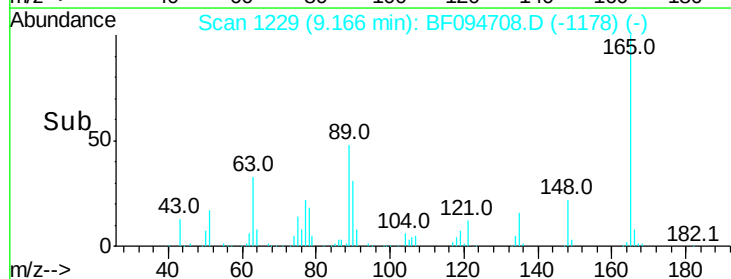
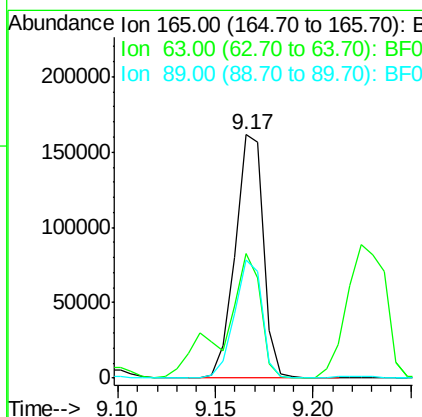
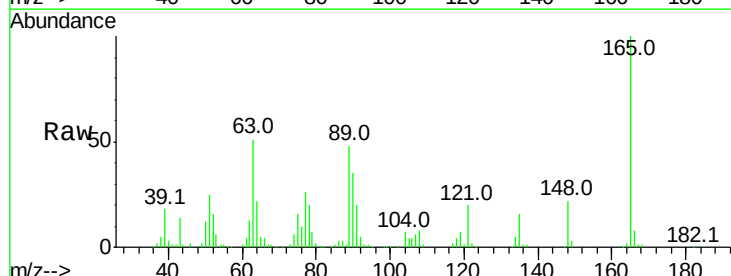
Instrument :
BNA_F
ClientSampleId :

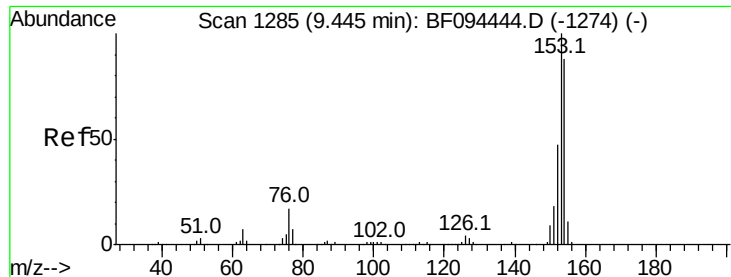
Tot Ion:163 Resp: 717471
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.40 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion:165 Resp: 161599
Ion Ratio Lower Upper
165 100
63 51.2 34.3 51.5
89 48.4 37.1 55.7





#51

Acenaphthene

Concen: 41.48 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

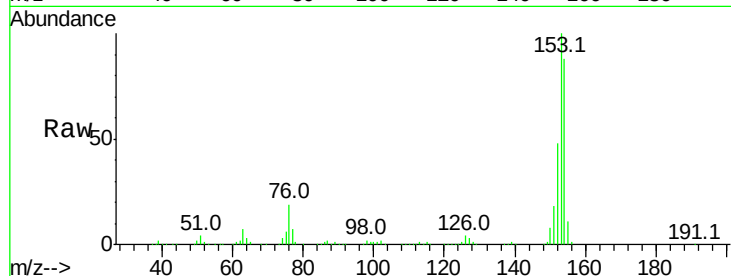
Tot Ion:154 Resp: 547365

Ion Ratio Lower Upper

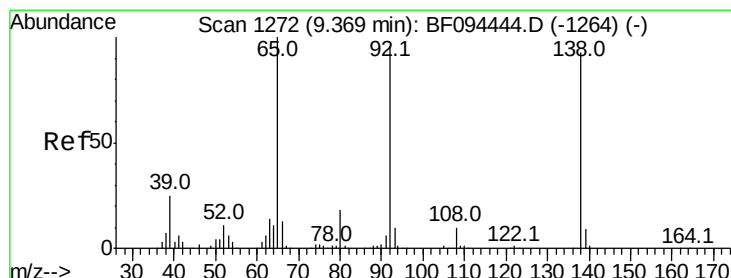
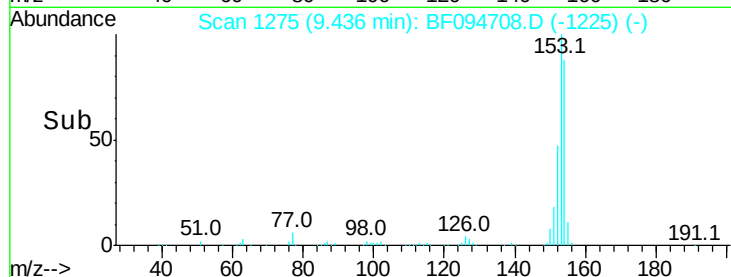
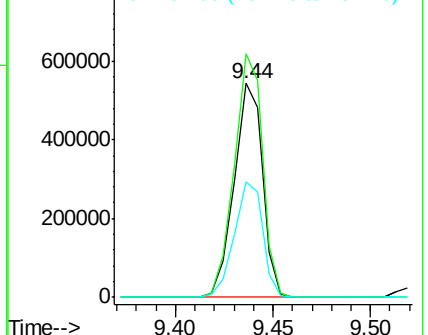
154 100

153 113.7 90.5 135.7

152 54.0 43.6 65.4



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



#52

3-Nitroaniline

Concen: 25.42 ng

RT: 9.37 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

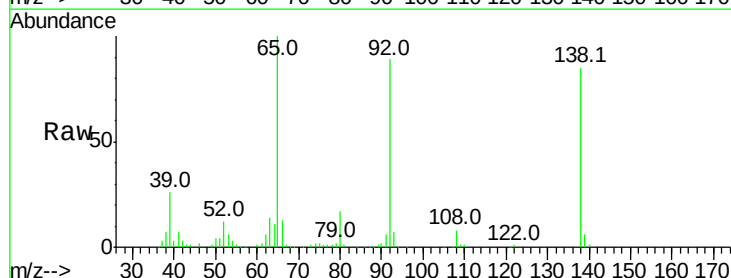
Tgt Ion:138 Resp: 107019

Ion Ratio Lower Upper

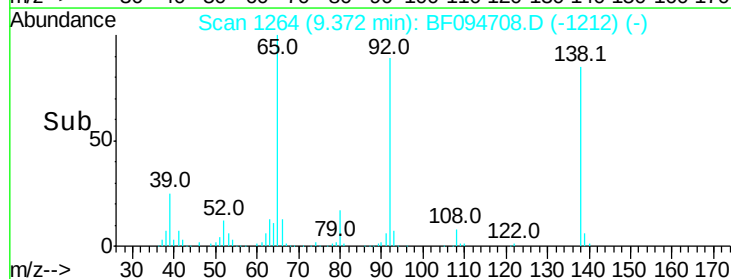
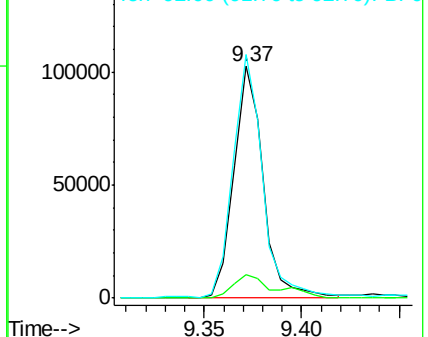
138 100

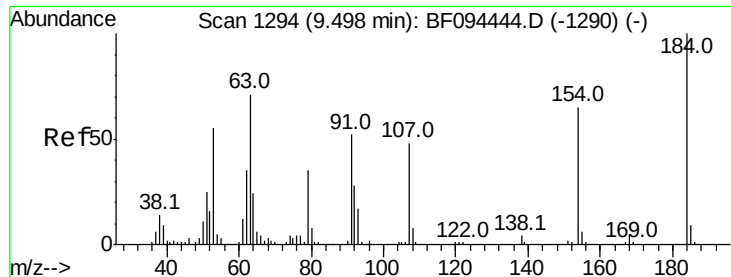
108 9.9 9.1 13.7

92 105.0 93.8 140.6



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

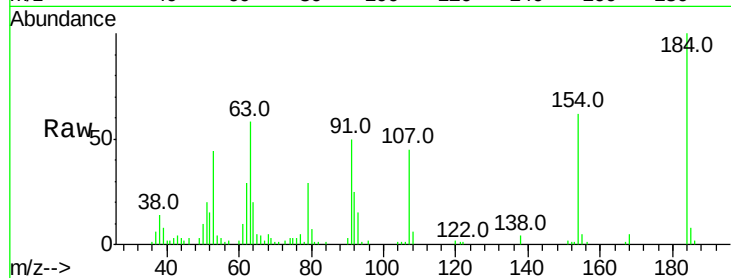




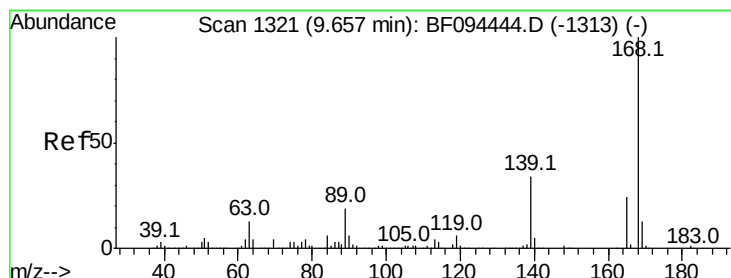
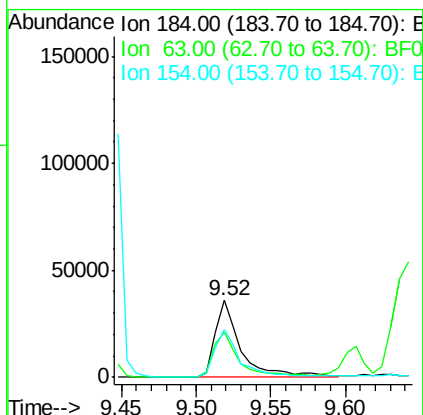
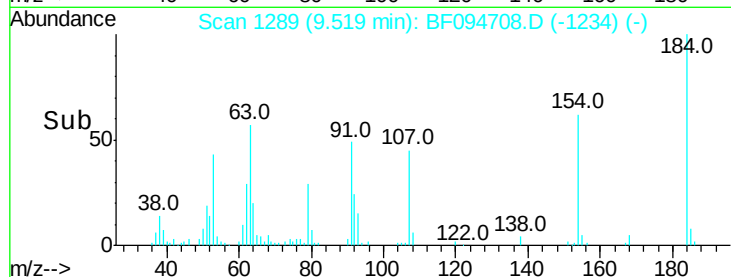
#53
 2,4-Dinitrophenol
 Concen: 26.32 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 43757
 Ion Ratio Lower Upper
 184 100
 63 58.2 62.7 94.1#
 154 62.3 81.1 121.7#

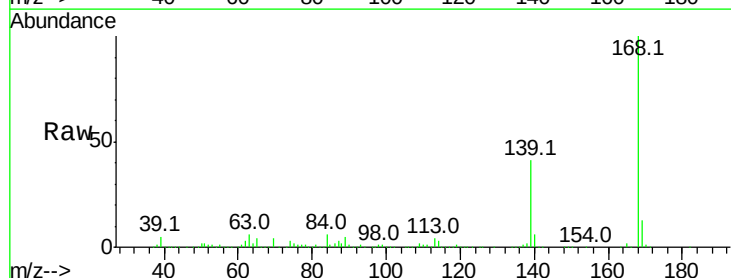


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

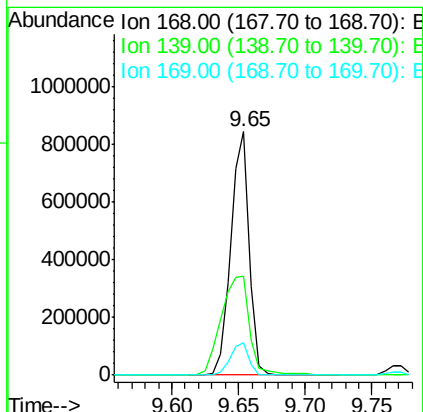
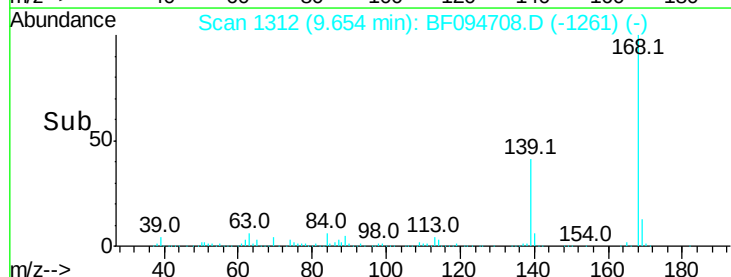


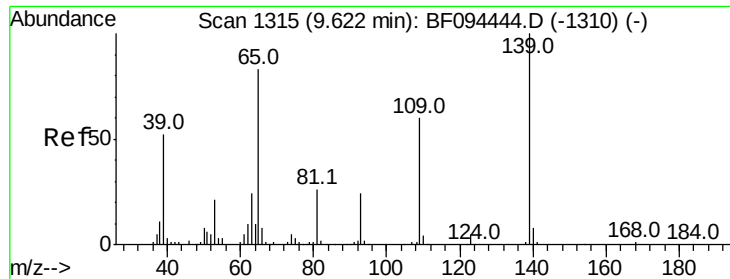
#54
 Dibenzofuran
 Concen: 42.78 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:168 Resp: 820556
 Ion Ratio Lower Upper
 168 100
 139 40.6 30.6 45.8
 169 13.3 10.8 16.2



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

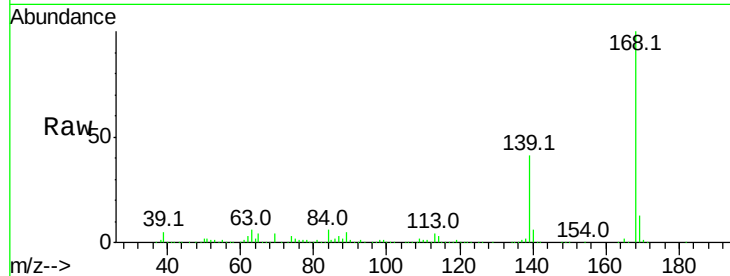




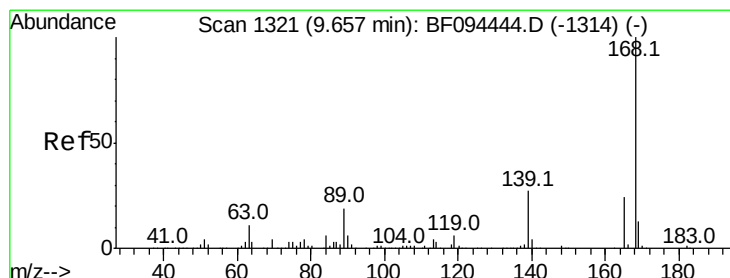
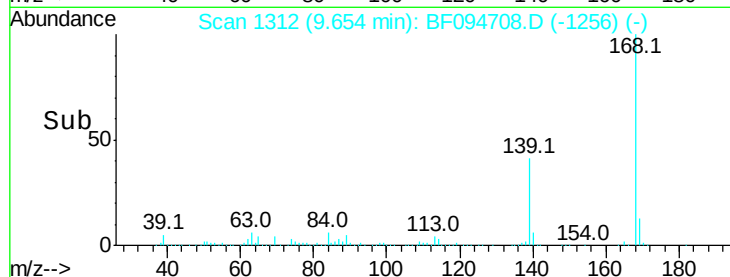
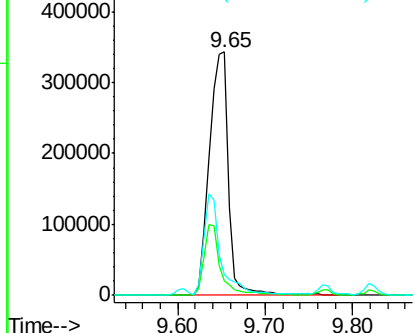
#55
4-Nitrophenol
Concen: 176.87 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.03 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	6.1	34.1	74.1#
65	8.7	31.4	71.4#

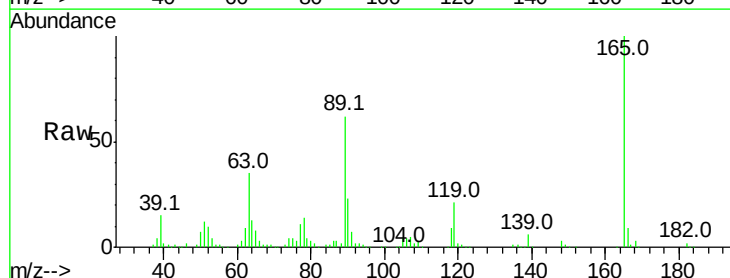


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

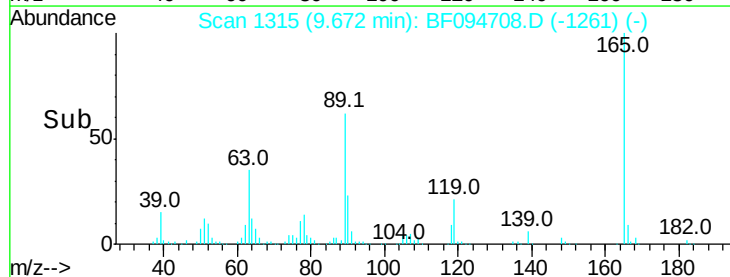
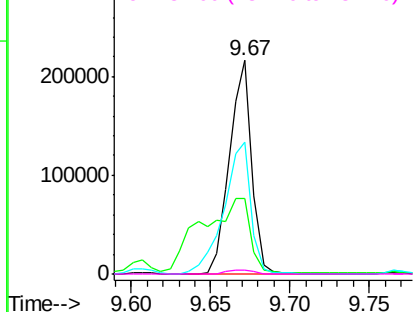


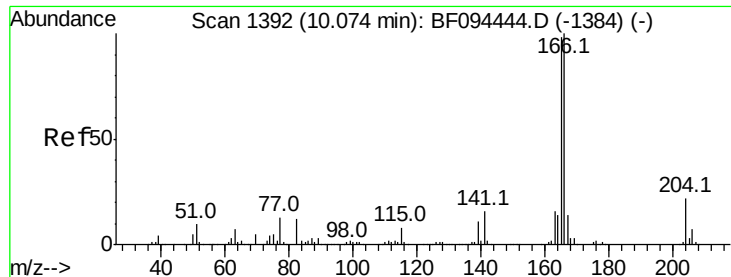
#56
2,4-Dinitrotoluene
Concen: 47.21 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.3	25.4	38.0
89	62.0	46.4	69.6
182	2.1	1.8	2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.24 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

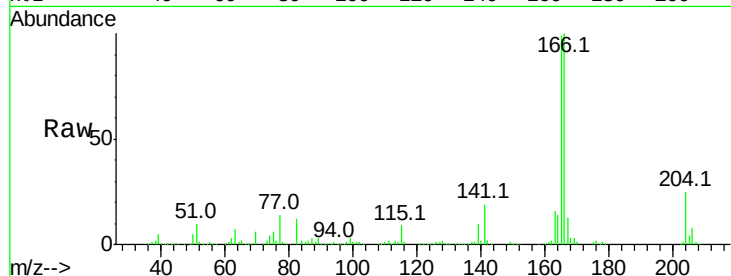
Tot Ion:166 Resp: 630949

Ion Ratio Lower Upper

166 100

165 99.0 78.8 118.2

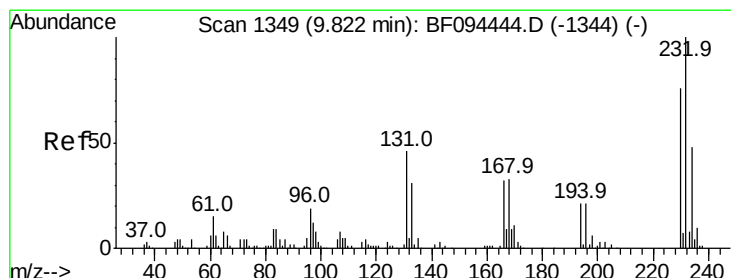
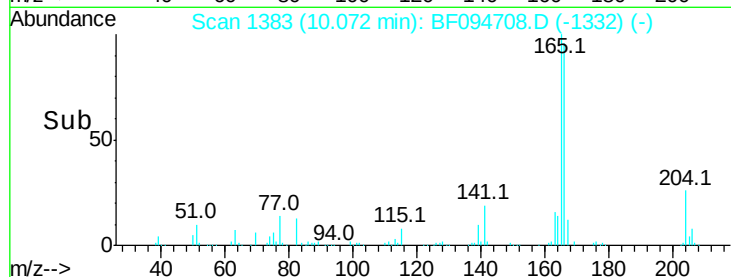
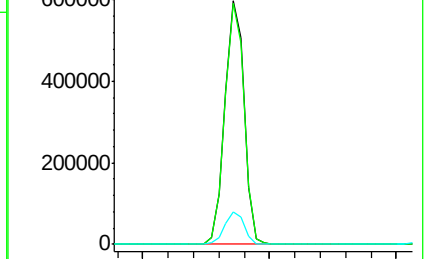
167 13.4 10.6 16.0



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: 42.86 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:232 Resp: 137246

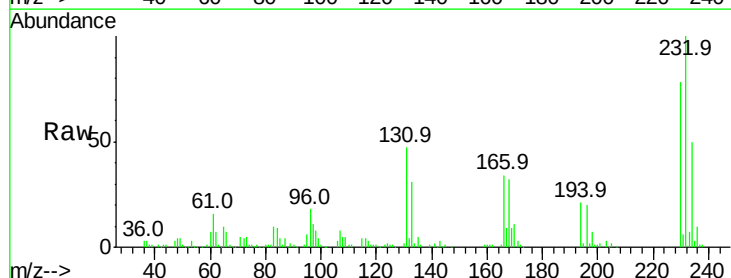
Ion Ratio Lower Upper

232 100

131 51.9 44.8 67.2

130 2.5 2.3 3.5

166 34.8 29.0 43.4

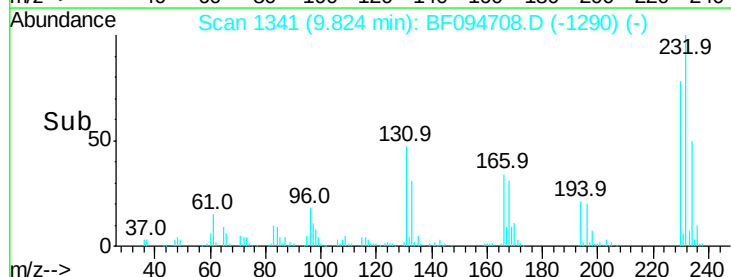
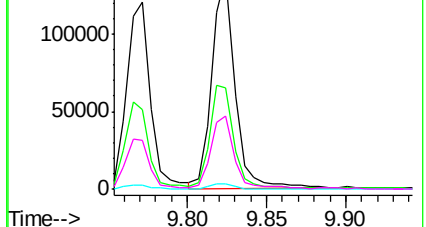


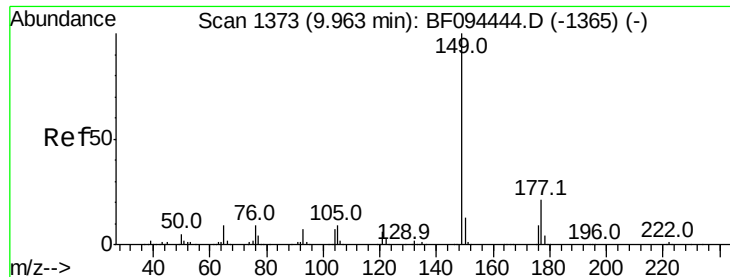
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.88 ng

RT: 9.97 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampled :

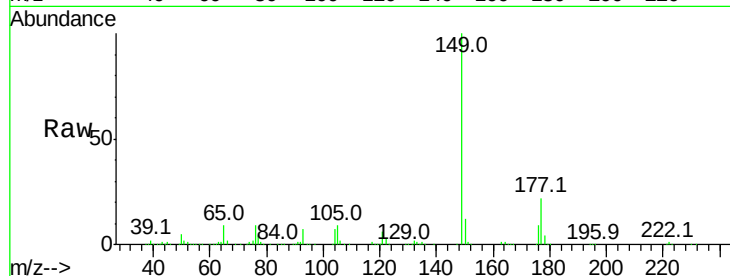
Tot Ion:149 Resp: 686645

Ion Ratio Lower Upper

149 100

177 21.7 16.7 25.1

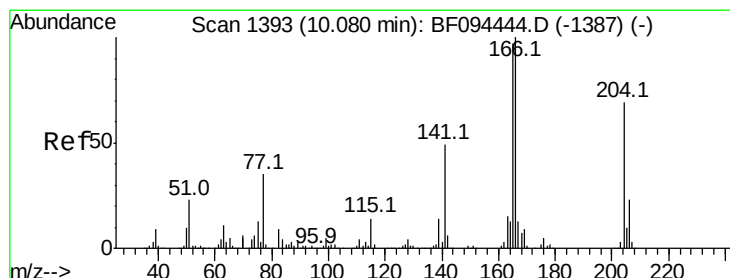
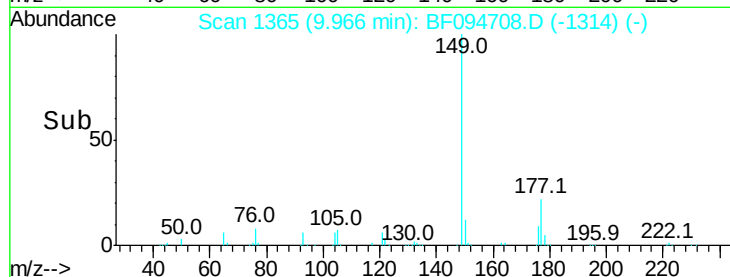
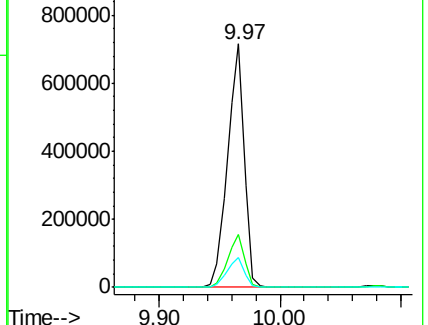
150 12.2 10.2 15.2



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: 43.84 ng

RT: 10.08 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

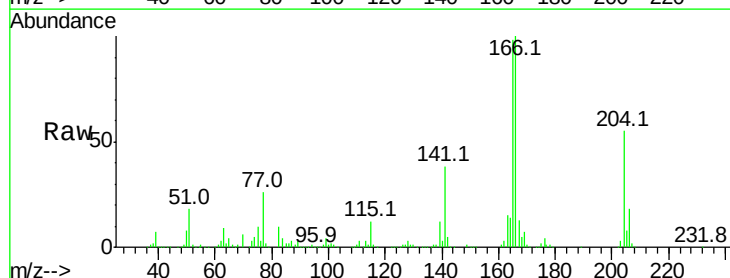
Tgt Ion:204 Resp: 272498

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

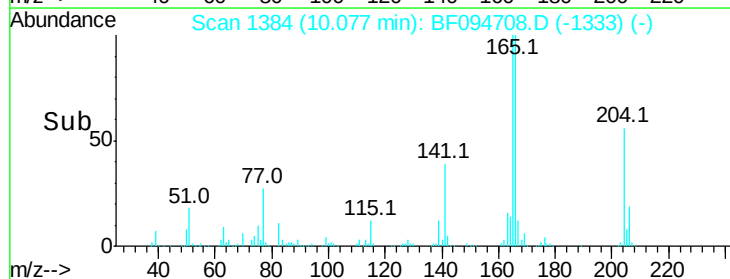
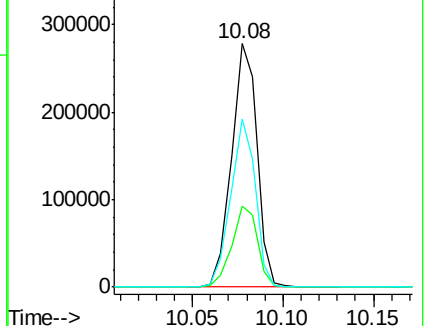
141 68.9 60.8 91.2

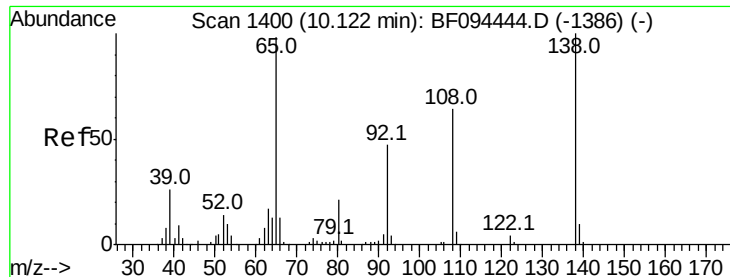


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

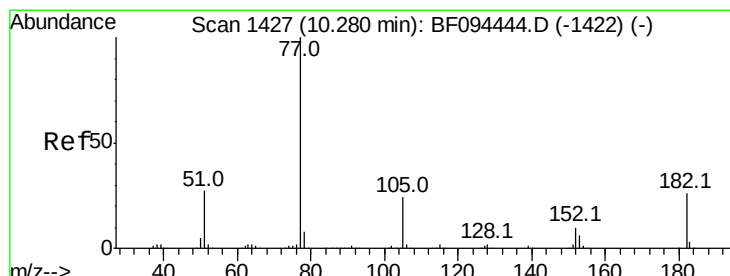
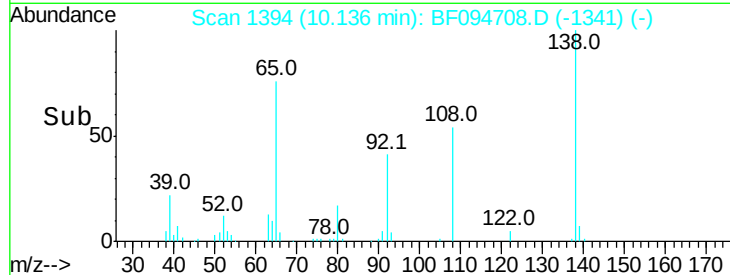
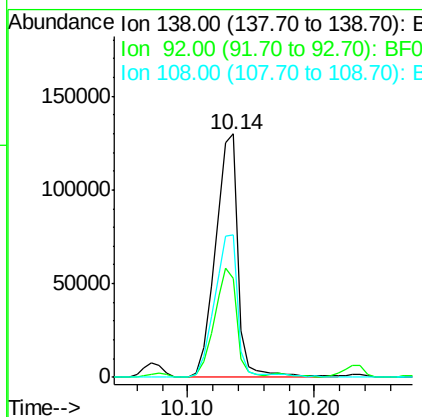
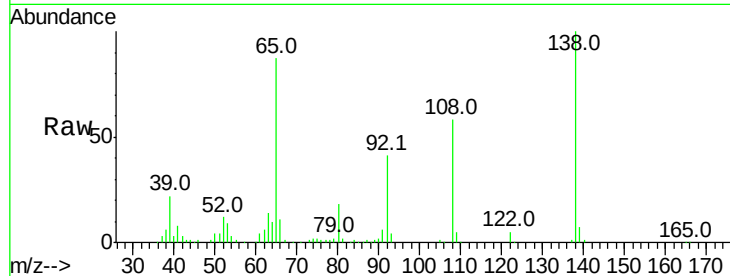




#61
 4-Nitroaniline
 Concen: 38.25 ng
 RT: 10.14 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

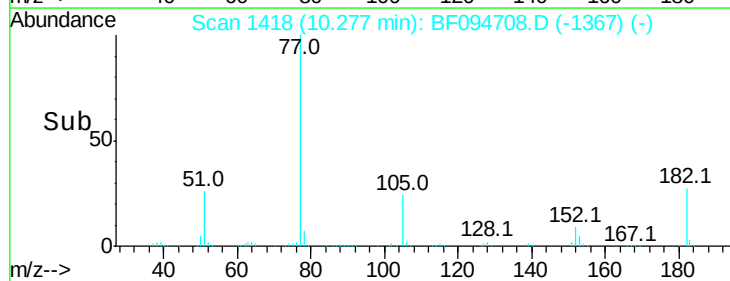
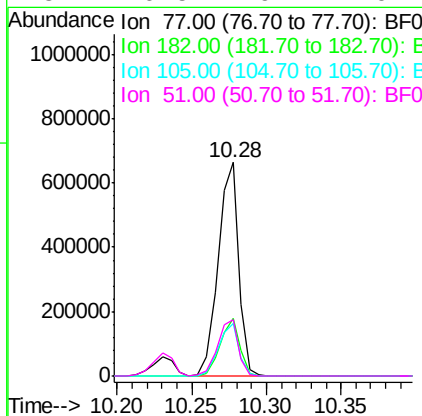
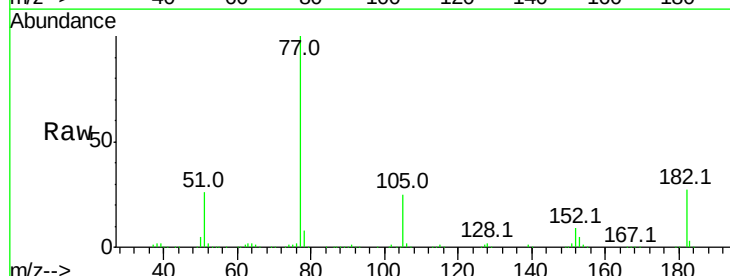
Instrument :
 BNA_F
 ClientSampled :

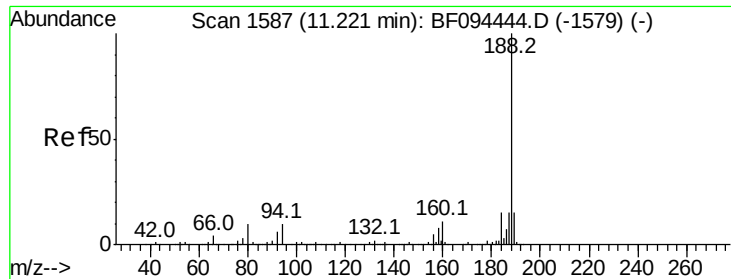
Tot Ion:138	Resp: 163722
Ion Ratio	Lower Upper
138 100	
92 40.8	21.8 61.8
108 58.4	42.3 82.3



#62
 Azobenzene
 Concen: 43.07 ng
 RT: 10.28 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion: 77	Resp: 639702
Ion Ratio	Lower Upper
77 100	
182 26.8	0.1 40.1
105 24.7	3.6 43.6
51 26.5	9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampled :

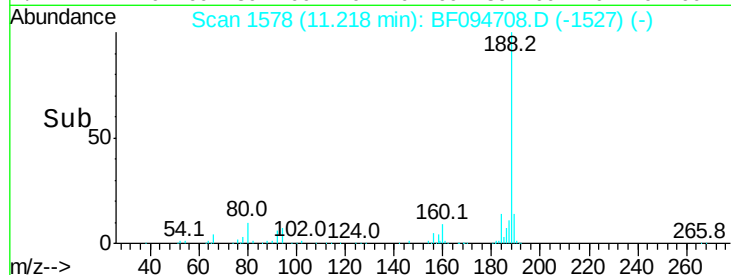
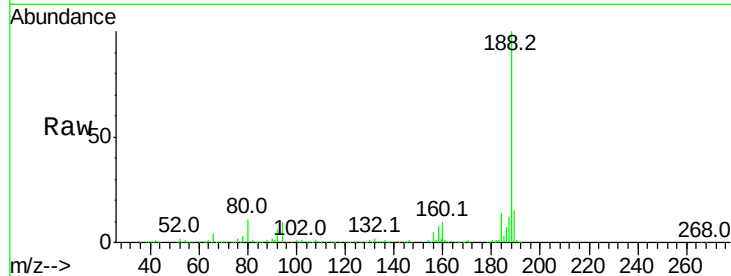
Tot Ion:188 Resp: 390641

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

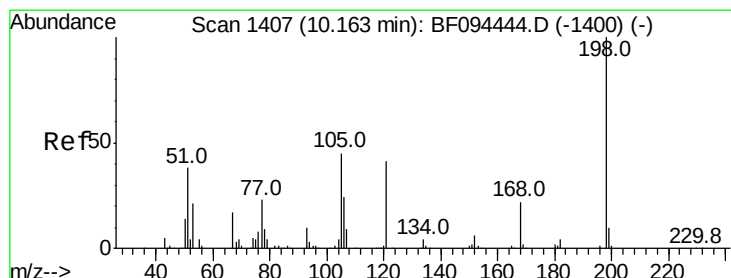
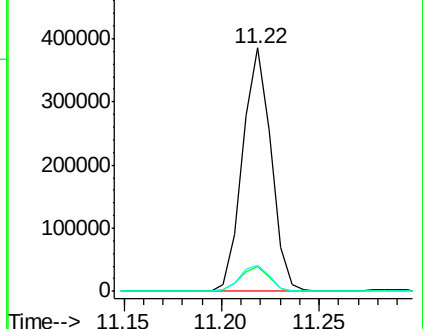
80 10.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 21.63 ng

RT: 10.17 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

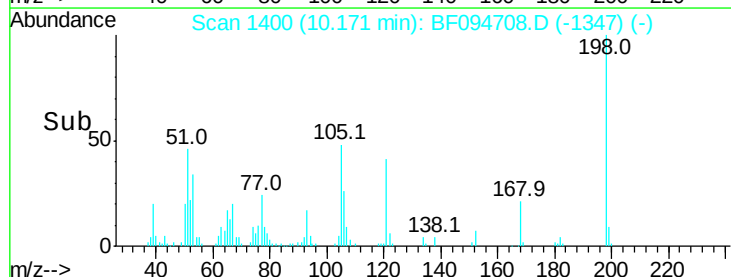
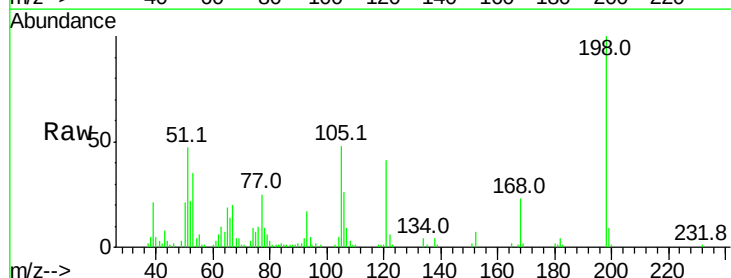
Tgt Ion:198 Resp: 55359

Ion Ratio Lower Upper

198 100

51 46.8 53.2 93.2#

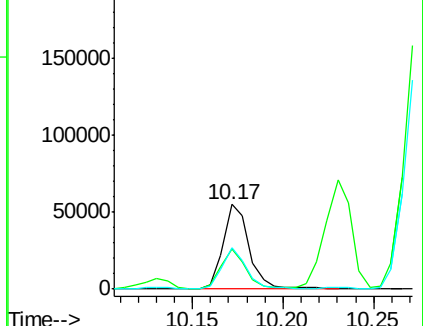
105 48.4 45.8 85.8

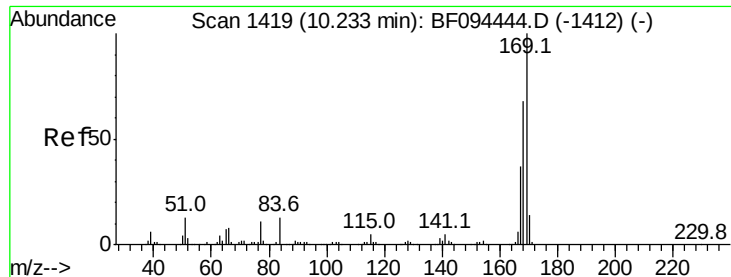


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

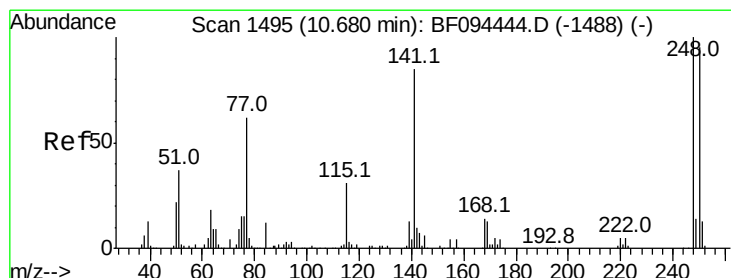
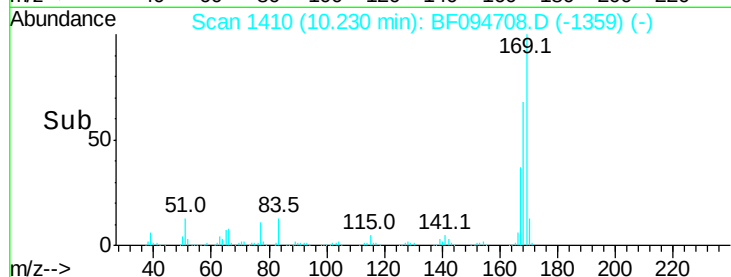
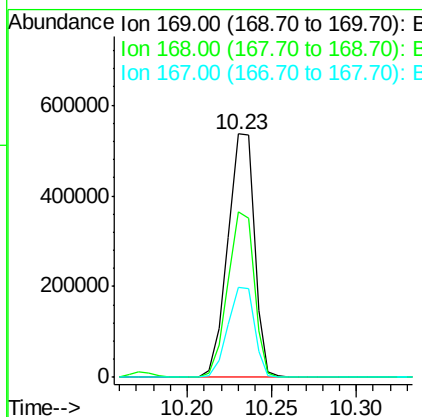
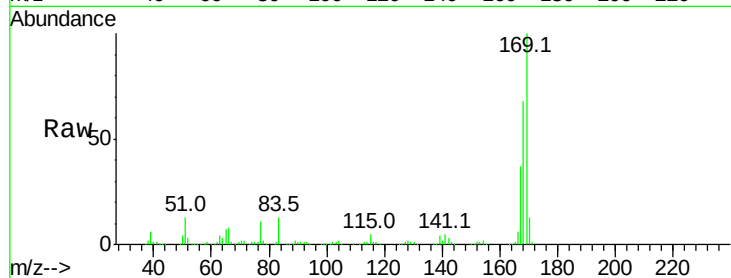




#65
n-Nitrosodiphenylamine
Concen: 43.43 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

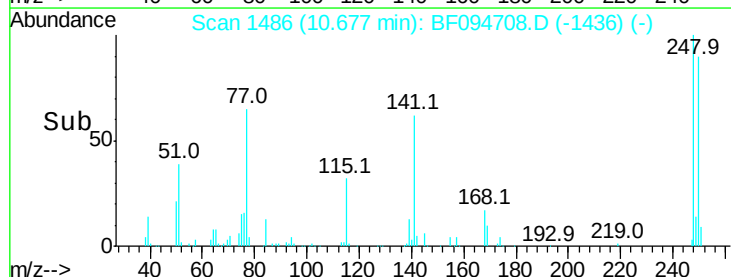
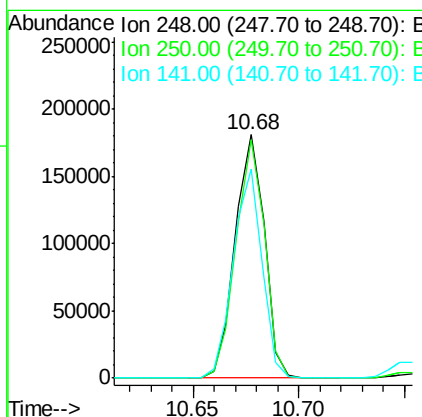
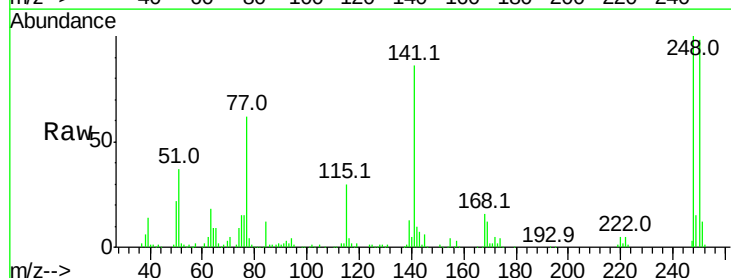
Instrument :
BNA_F
ClientSampleId :

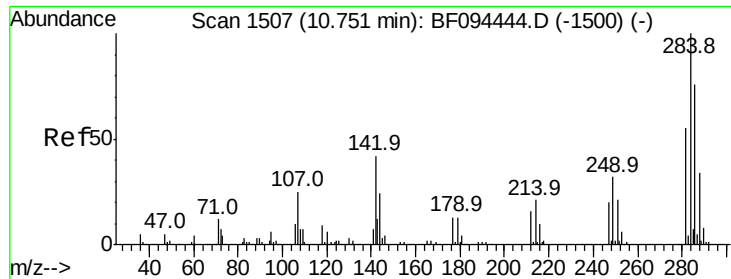
Tot Ion:169 Resp: 590089
Ion Ratio Lower Upper
169 100
168 68.2 53.2 79.8
167 37.0 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 44.85 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion:248 Resp: 173985
Ion Ratio Lower Upper
248 100
250 97.7 76.8 115.2
141 85.7 68.6 103.0





#67

Hexachlorobenzene

Concen: 43.27 ng

RT: 10.75 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

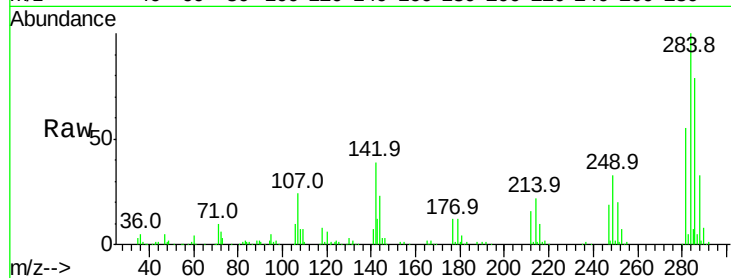
Tot Ion:284 Resp: 169140

Ion Ratio Lower Upper

284 100

142 38.7 22.8 34.2#

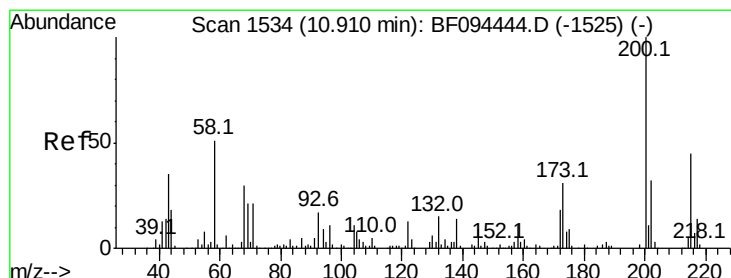
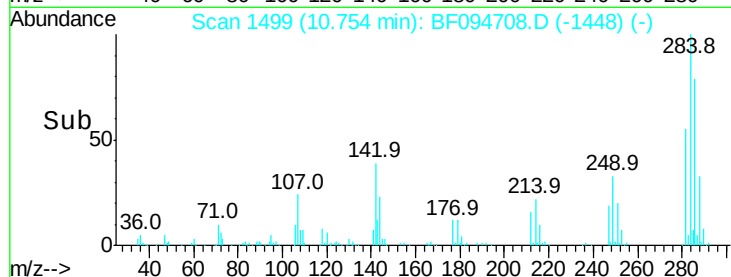
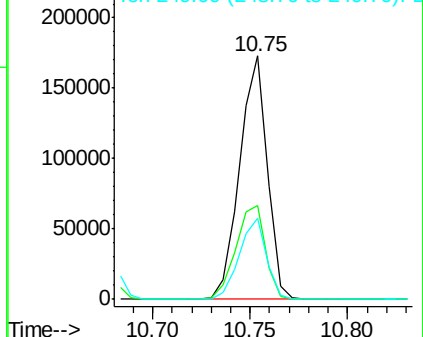
249 33.2 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.74 ng

RT: 10.91 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

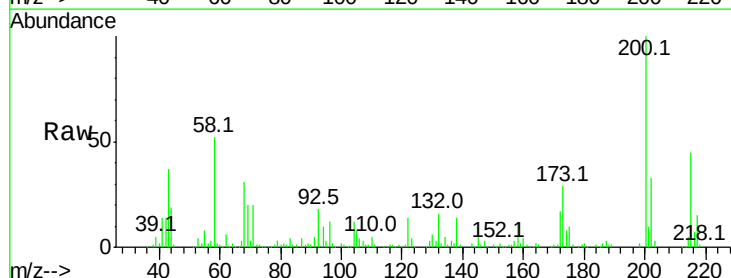
Tgt Ion:200 Resp: 173702

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

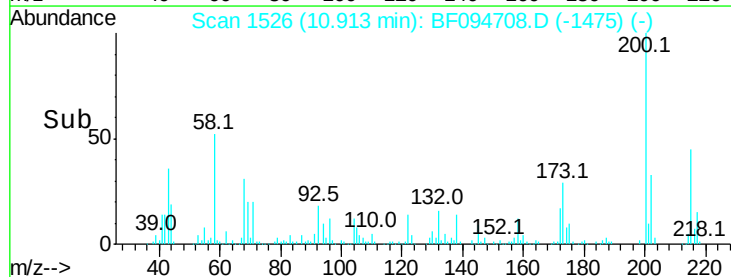
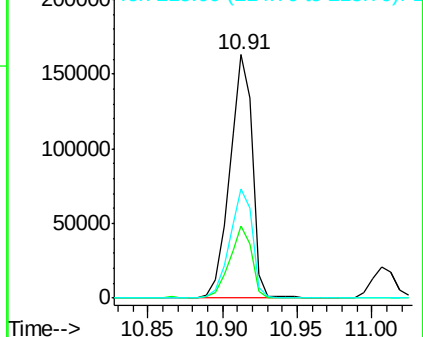
215 44.7 27.2 67.2

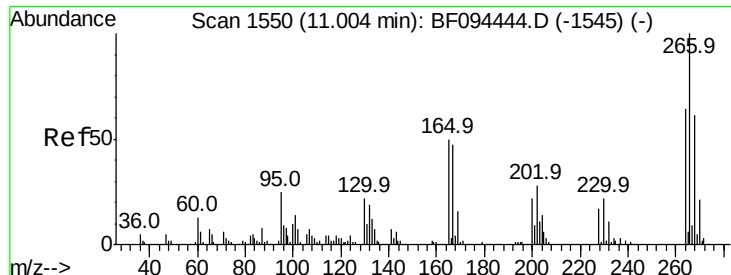


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

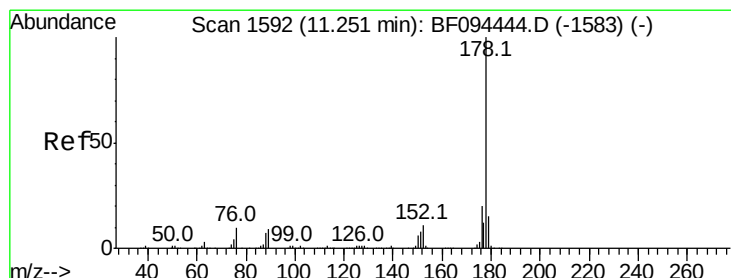
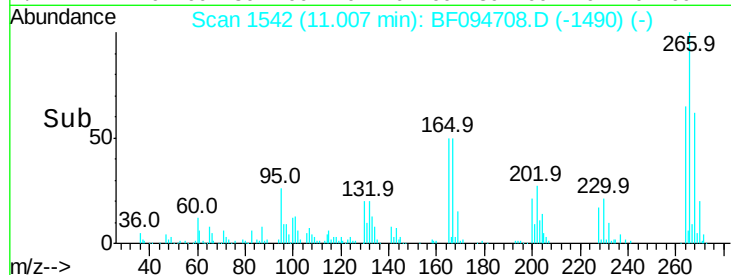
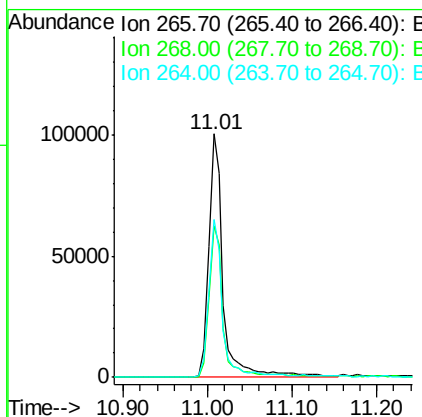
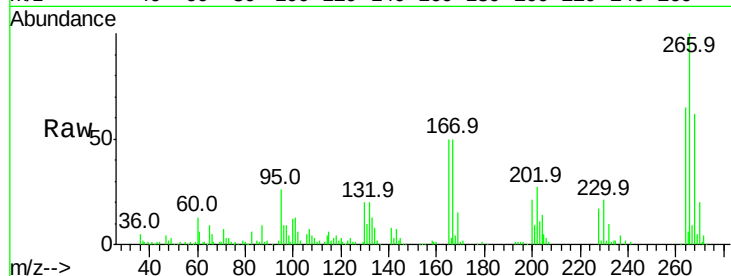




#69
 Pentachlorophenol
 Concen: 77.83 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

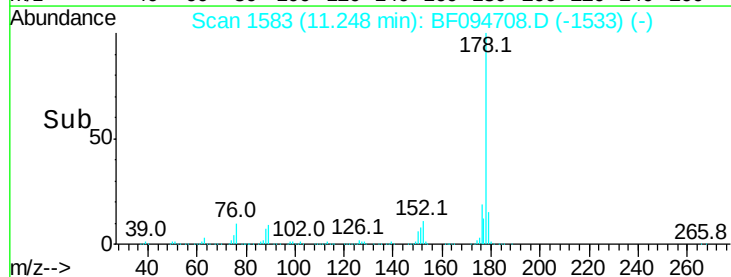
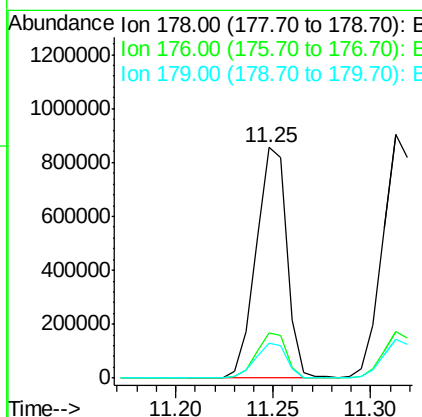
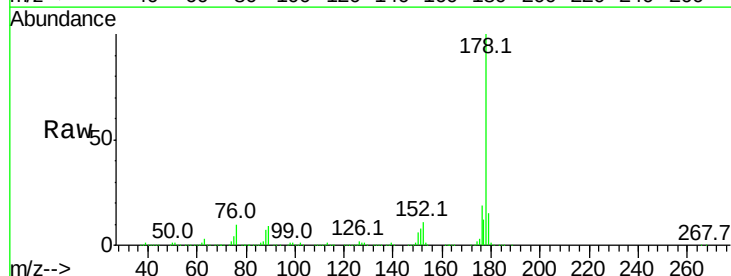
Instrument :
 BNA_F
 ClientSampled :

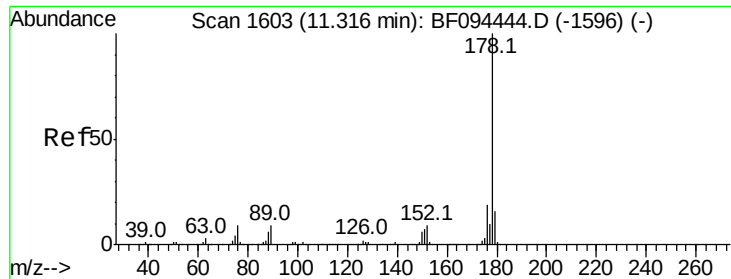
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	64.9	51.7	77.5



#70
 Phenanthrene
 Concen: 42.36 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.3	12.6	19.0

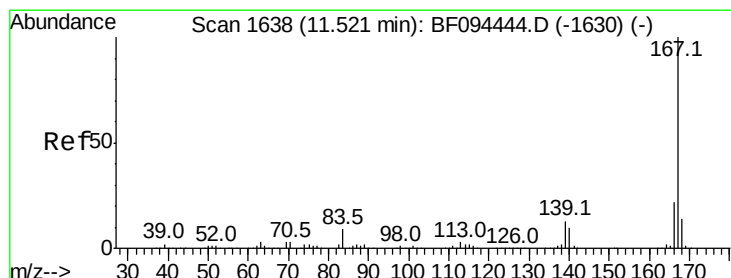
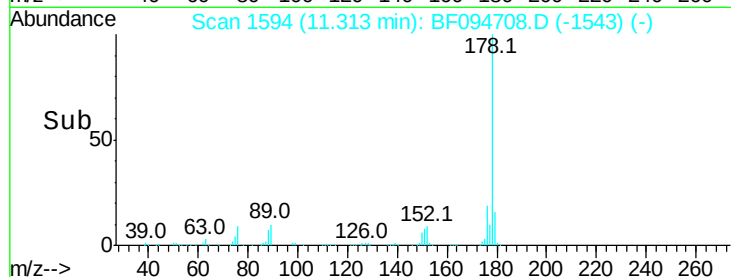
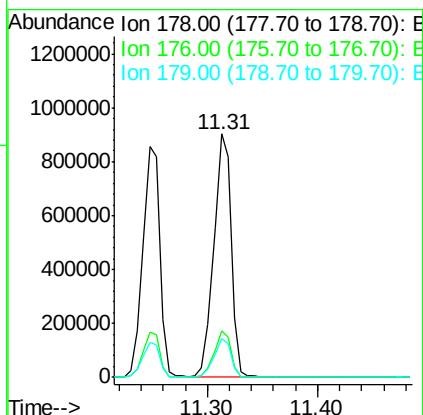
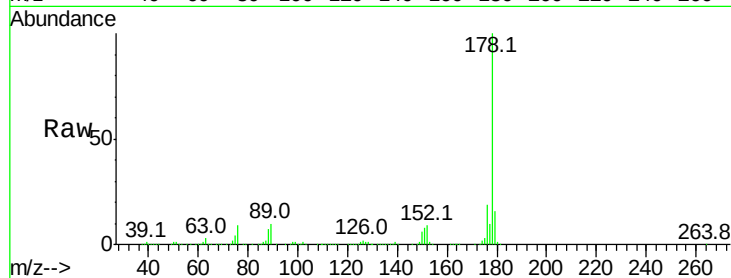




#71
 Anthracene
 Concen: 43.06 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

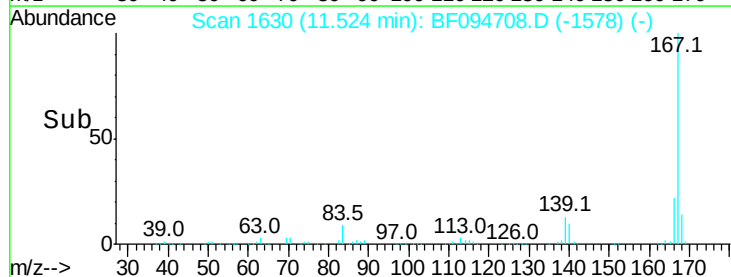
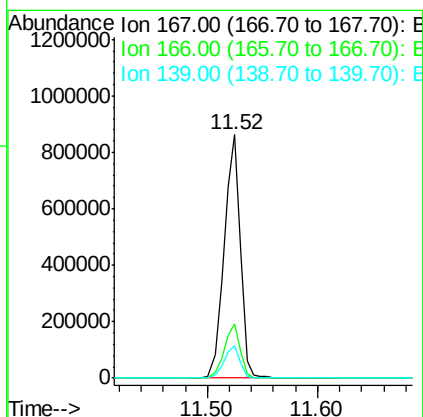
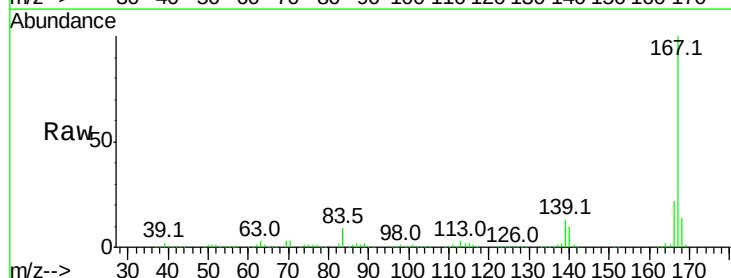
Instrument :
 BNA_F
 ClientSampled :

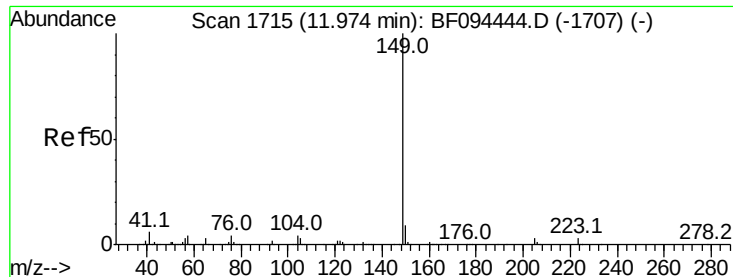
Tot Ion:178 Resp: 979749
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 41.63 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:167 Resp: 889024
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.42 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampled :

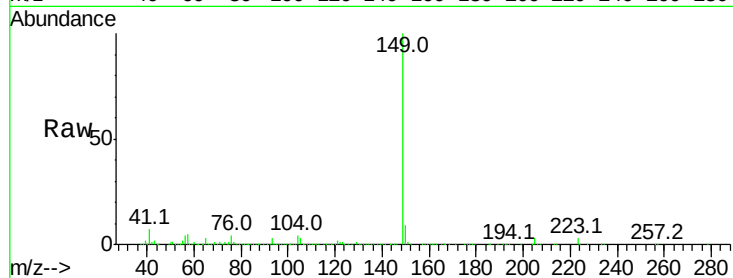
Tot Ion:149 Resp: 1091579

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

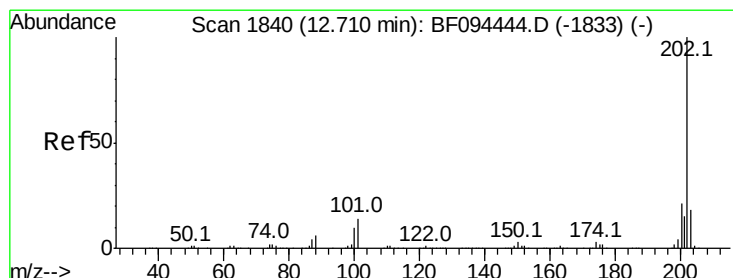
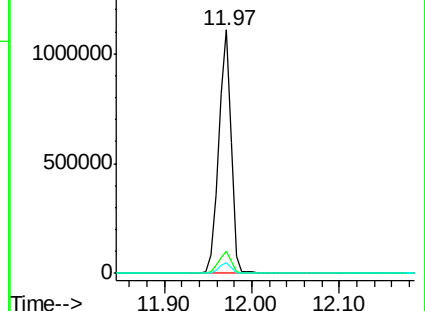
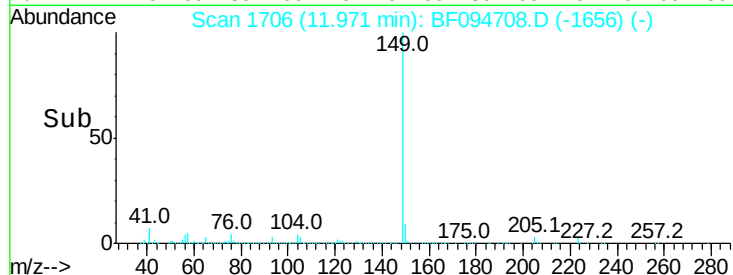
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.62 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

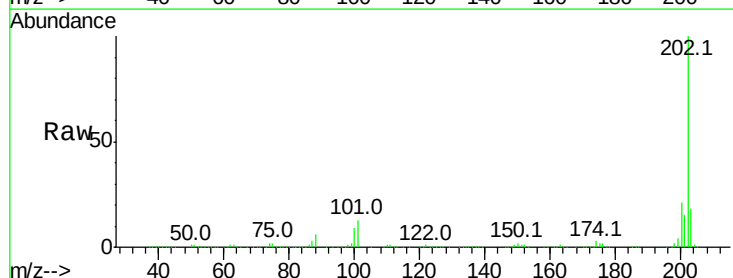
Tgt Ion:202 Resp: 971741

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

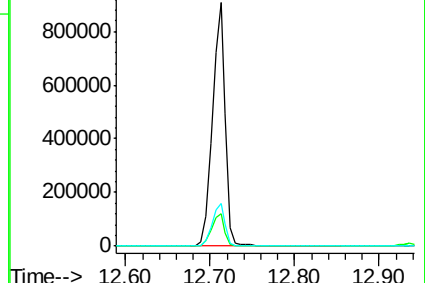
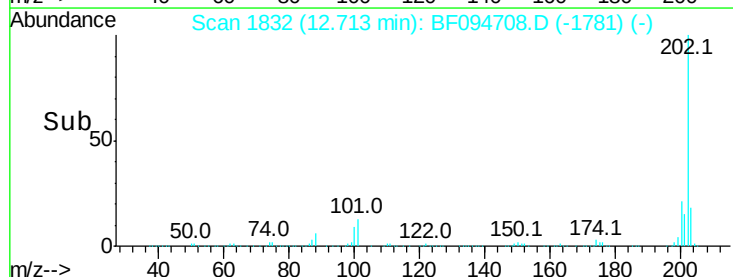
203 17.6 0.0 38.1

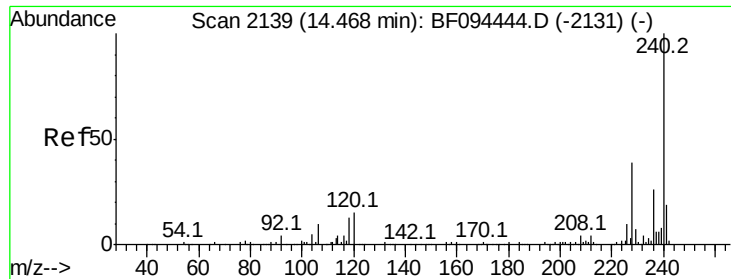


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

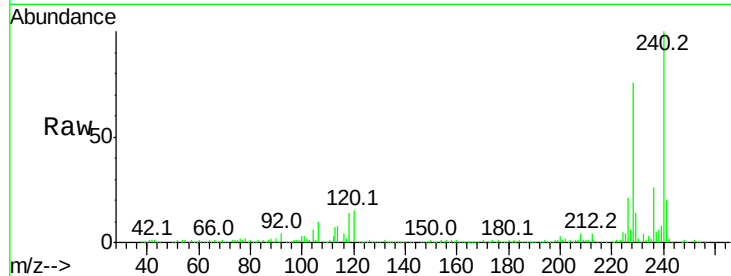
Tot Ion:240 Resp: 298236

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

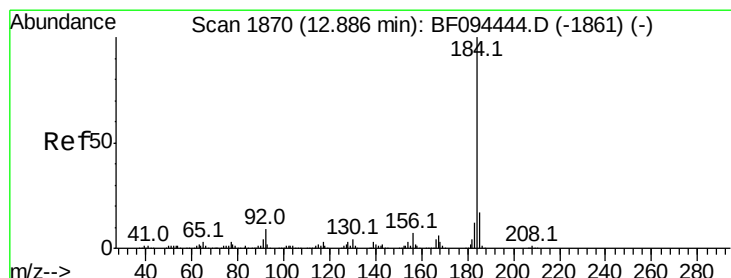
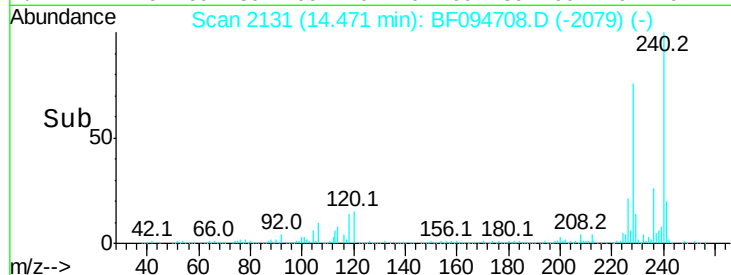
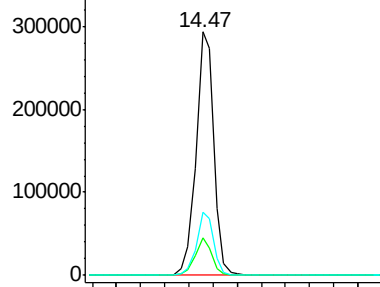
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.17 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

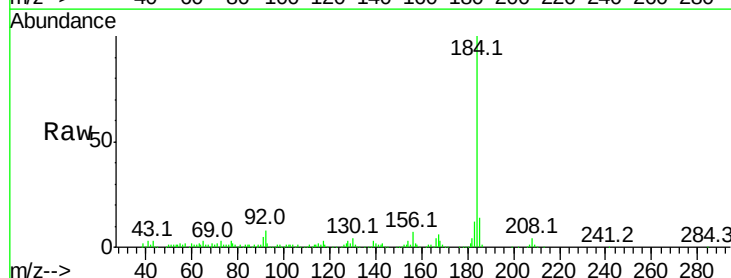
Tgt Ion:184 Resp: 291845

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

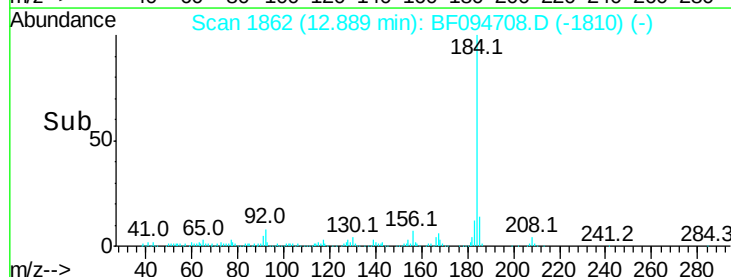
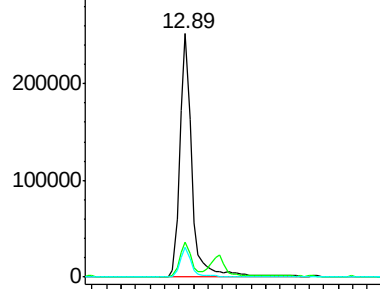
183 12.0 9.8 14.6

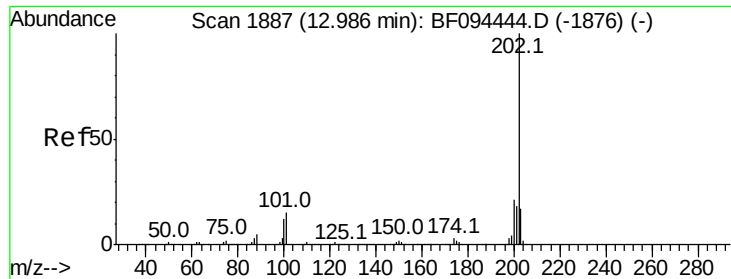


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

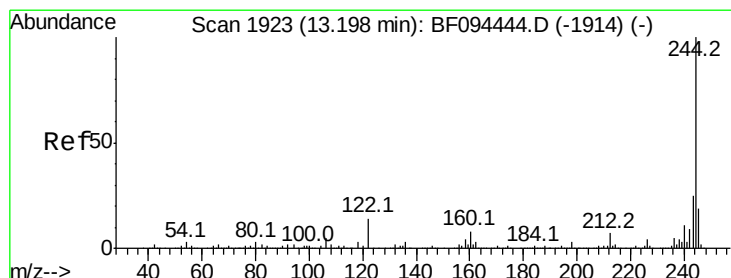
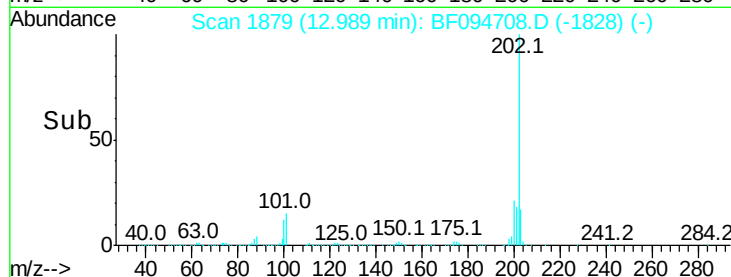
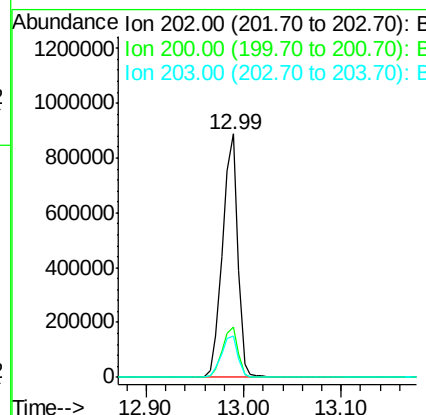
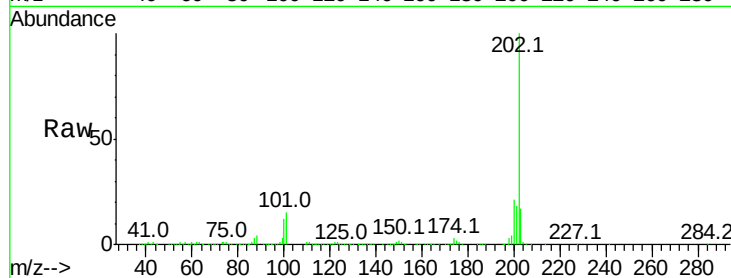




#77
Pvrene
Concen: 46.38 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

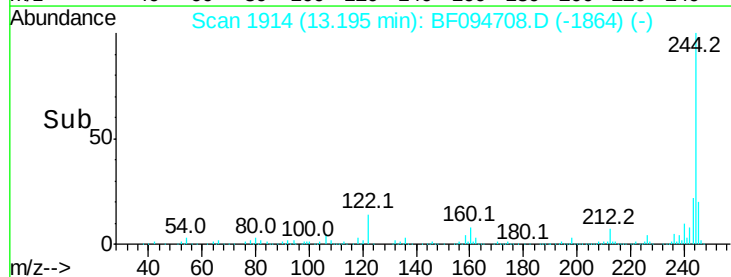
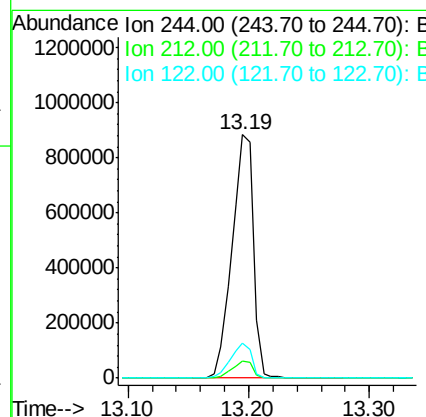
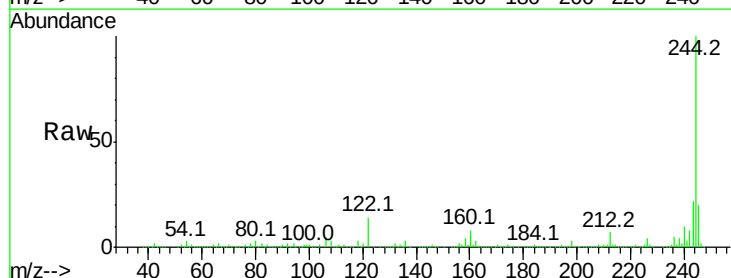
Instrument :
BNA_F
ClientSampled :

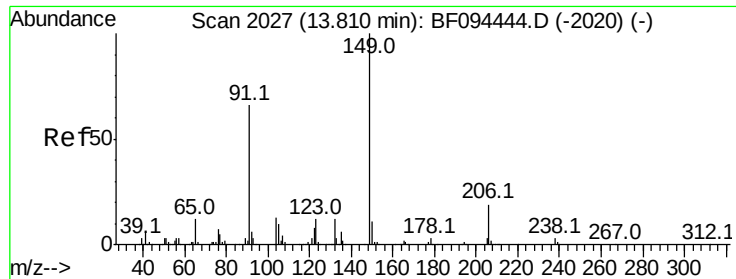
Tot Ion:202 Resp: 966336
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.2 14.4 21.6



#78
Terphenyl-d14
Concen: 97.39 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion:244 Resp: 1086616
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.4 10.3 15.5

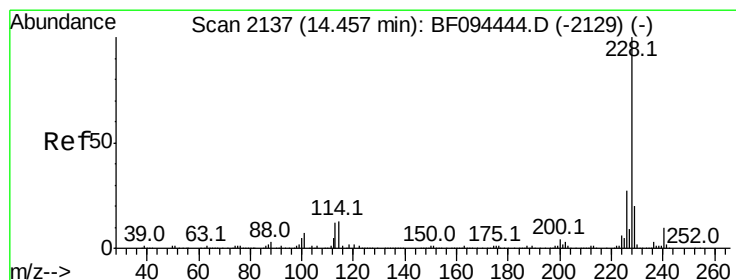
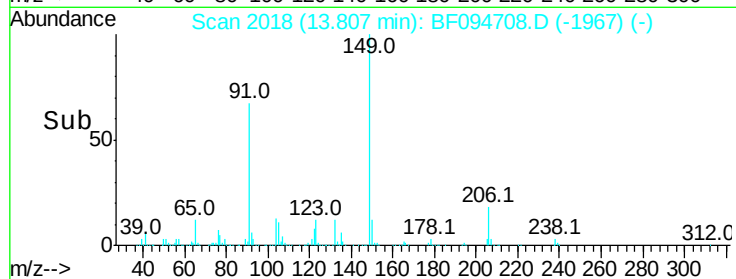
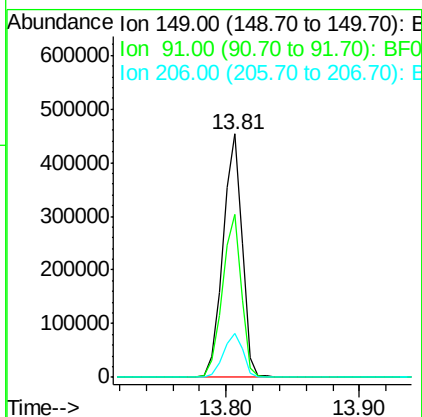
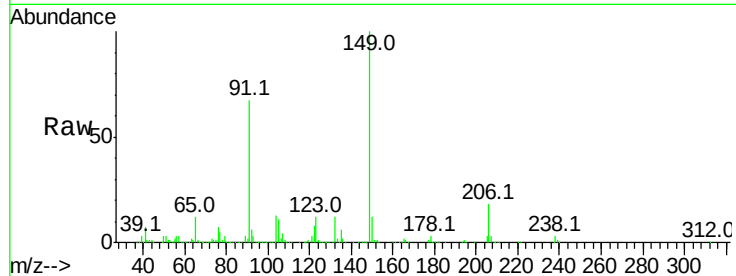




#79
Butylbenzylphthalate
Concen: 50.63 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

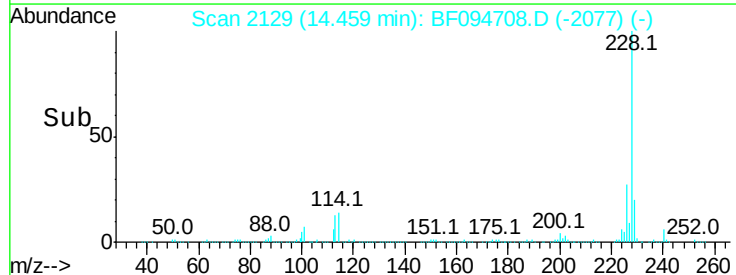
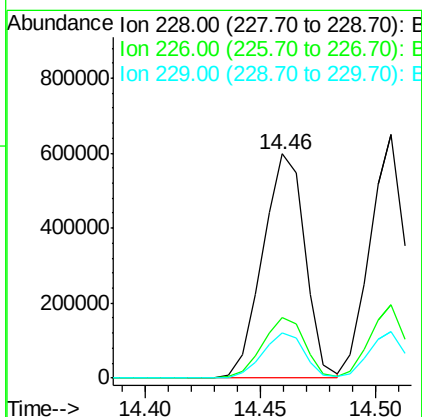
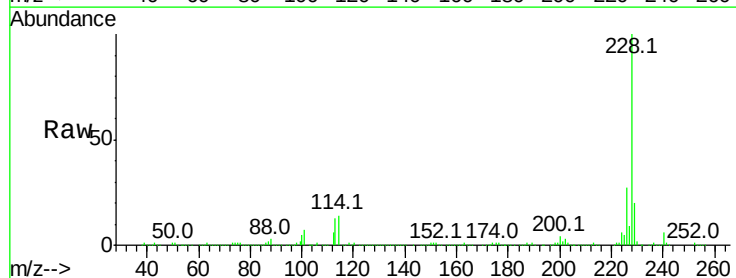
Instrument :
BNA_F
ClientSampleId :

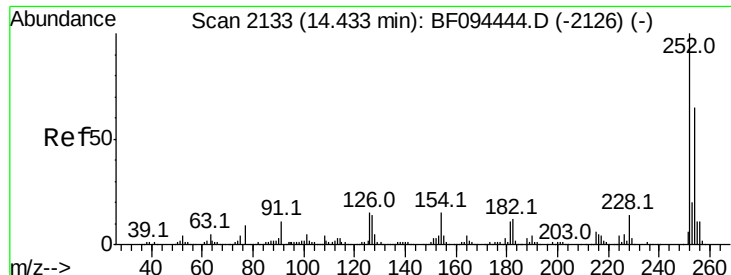
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.9	45.0	67.4
206	18.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.76 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094708.D
Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.3	16.3	24.5

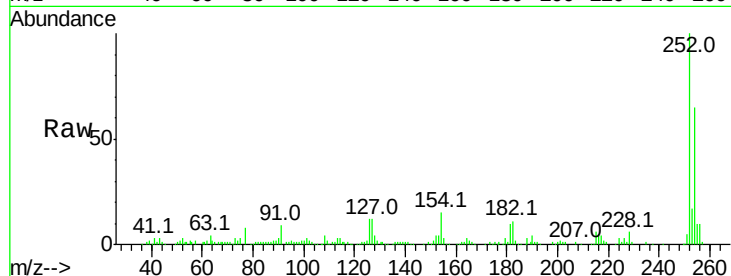




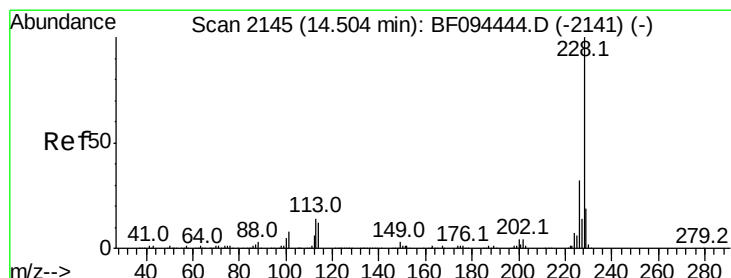
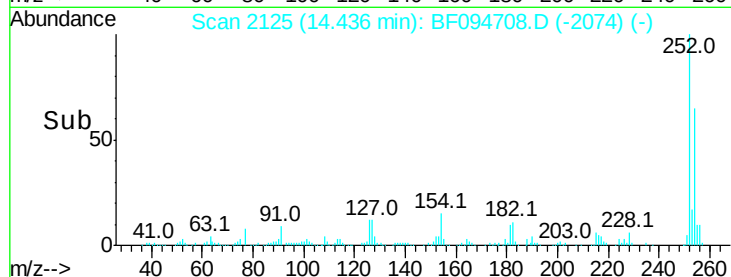
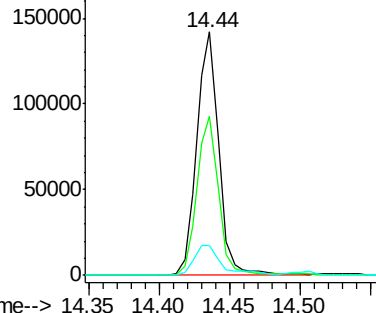
#81
 3,3'-Dichlorobenzidine
 Concen: 25.15 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	12.5	15.8	23.8#

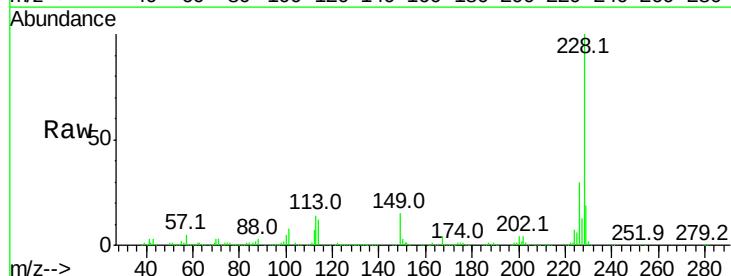


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

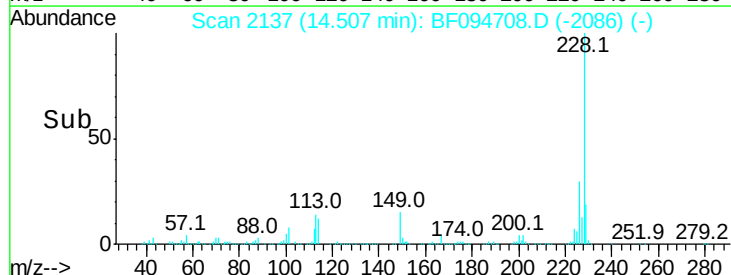
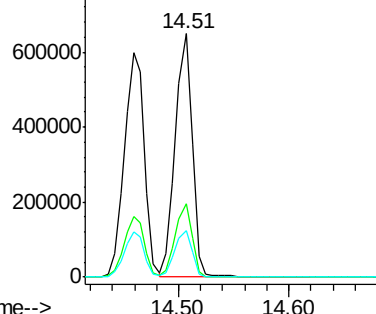


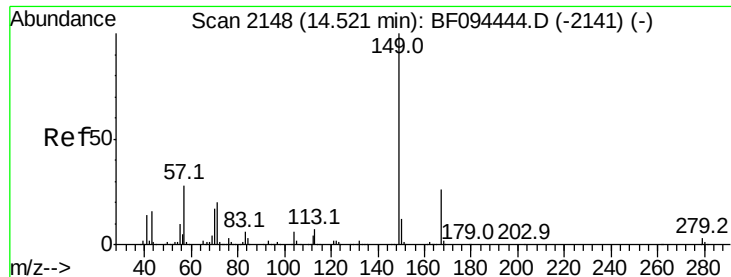
#82
 Chrysene
 Concen: 42.73 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

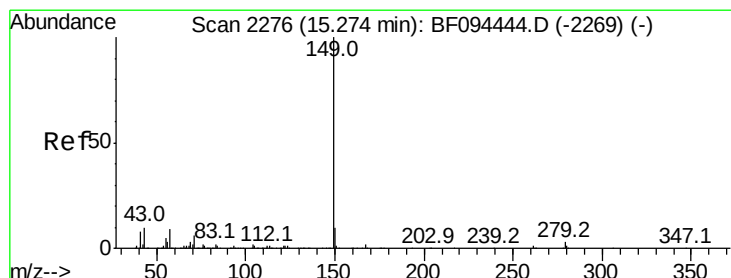
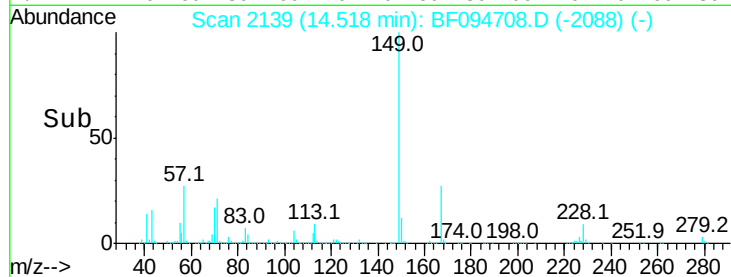
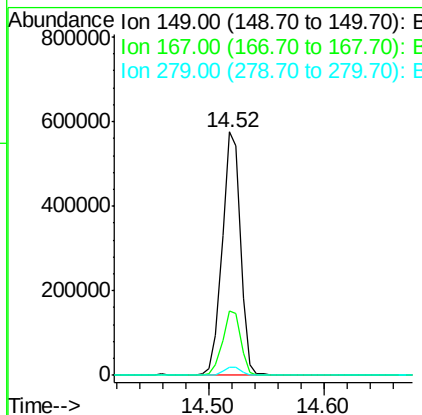
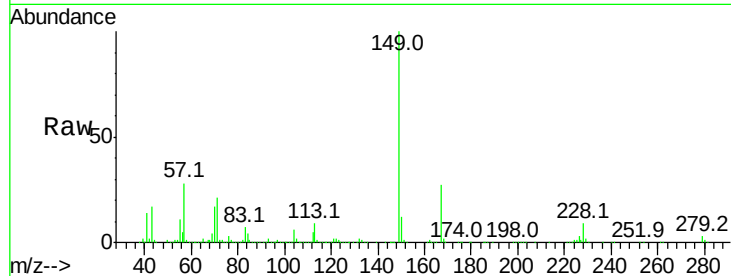




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.31 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

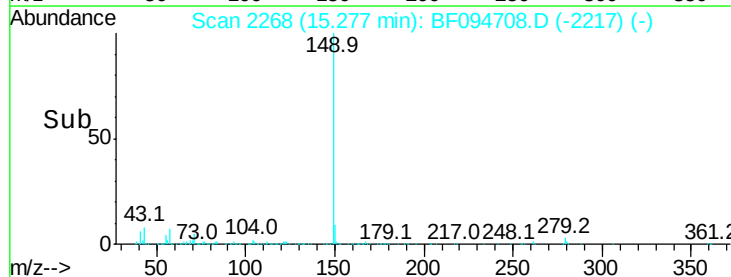
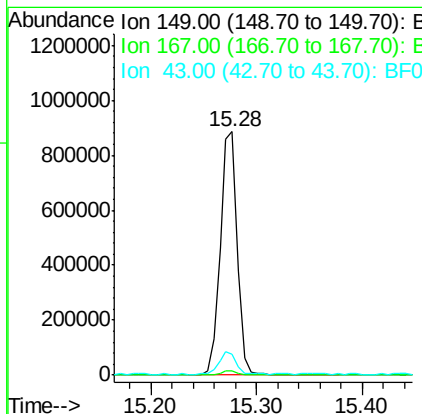
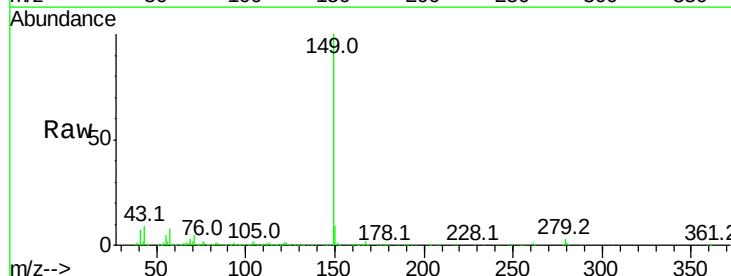
Instrument :
 BNA_F
 ClientSampleId :

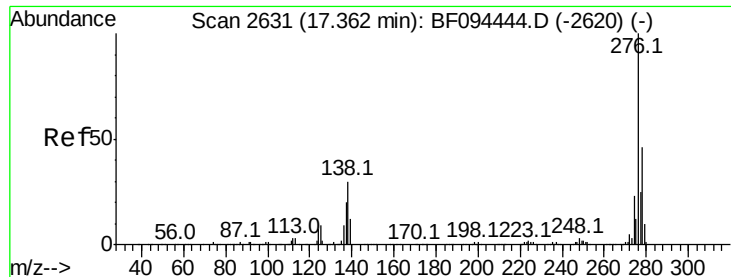
Tot Ion:149 Resp: 629075
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.64 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Tgt Ion:149 Resp: 1000318
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.0 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.75 ng

RT: 17.39 min Scan# 2627

Delta R.T. 0.03 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

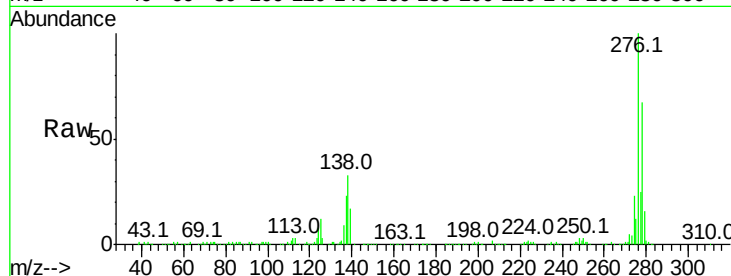
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 554017

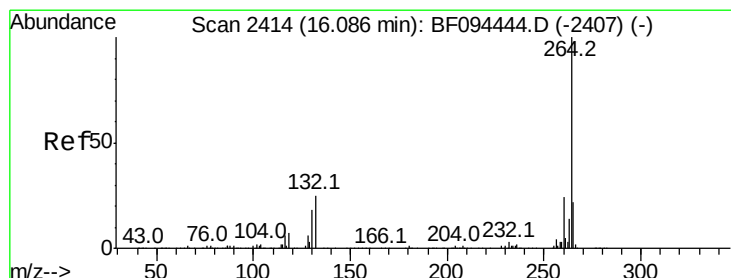
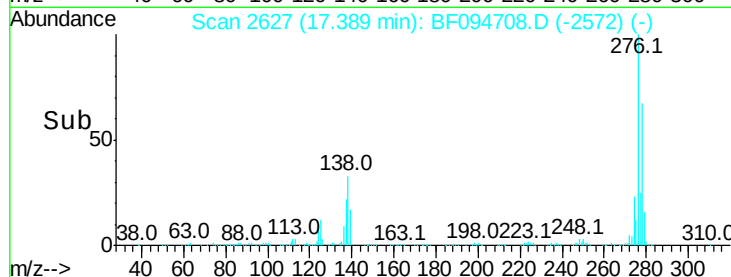
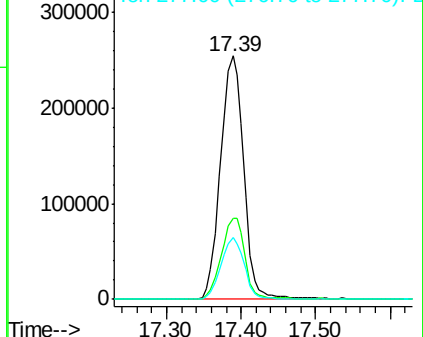
Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.8	41.6
277	25.3	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2407

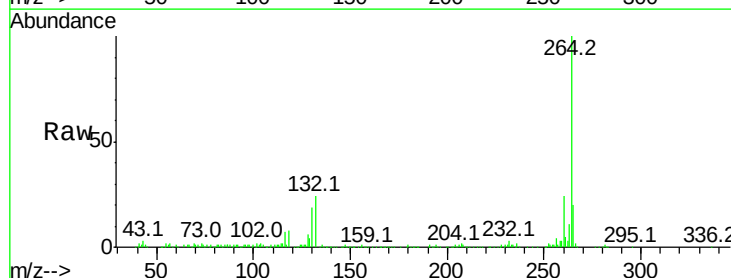
Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:264 Resp: 210841

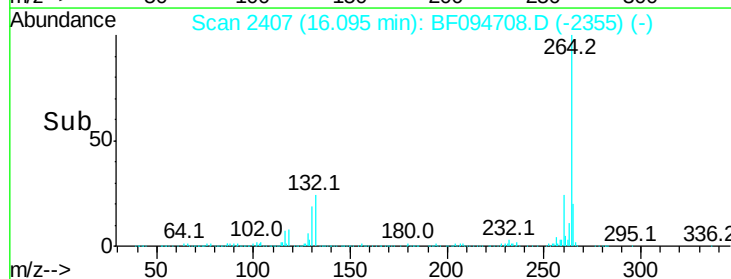
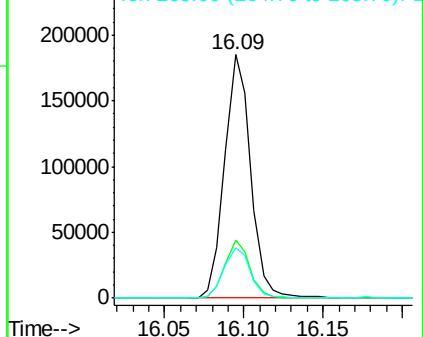
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.4	17.2	25.8

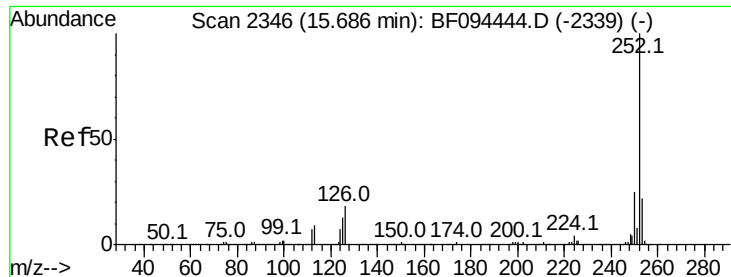


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.91 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

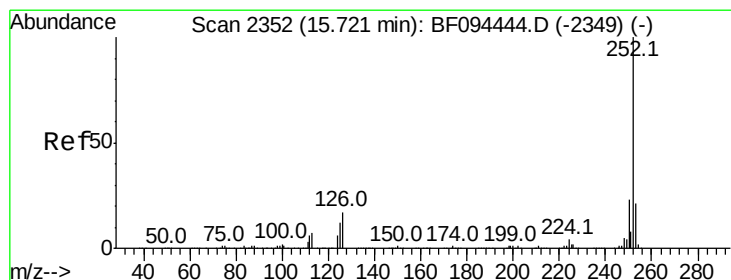
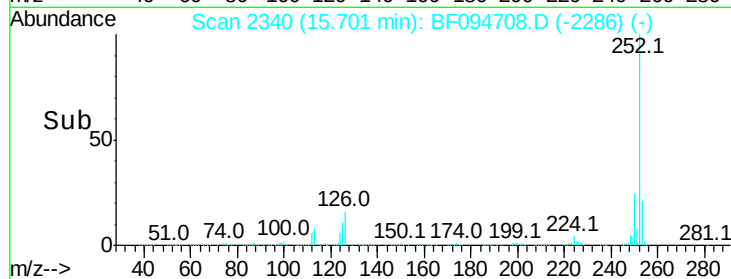
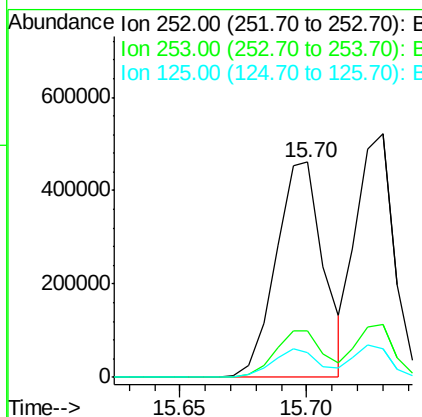
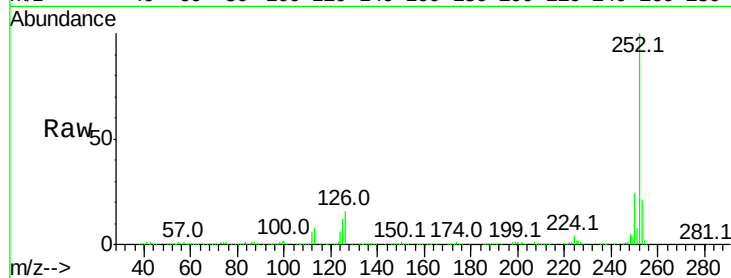
Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 605021

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	11.5	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 45.30 ng

RT: 15.73 min Scan# 2345

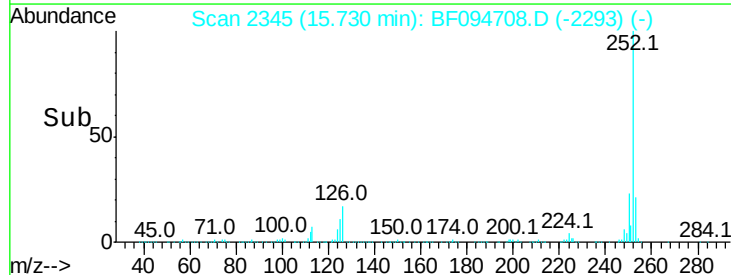
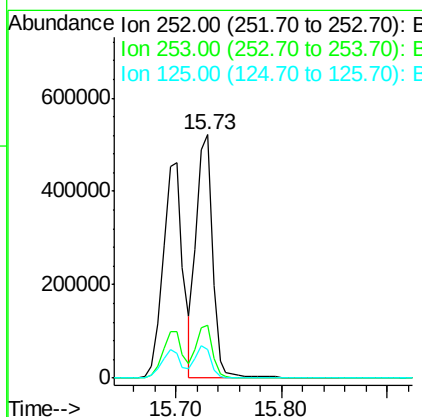
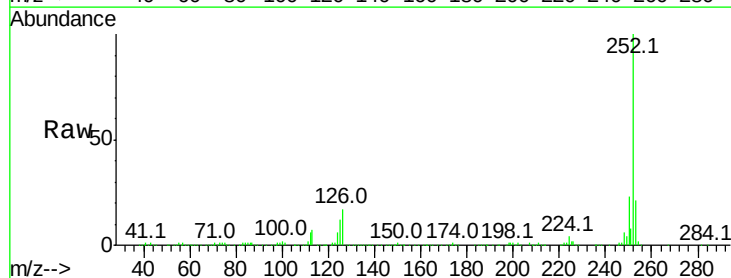
Delta R.T. 0.01 min

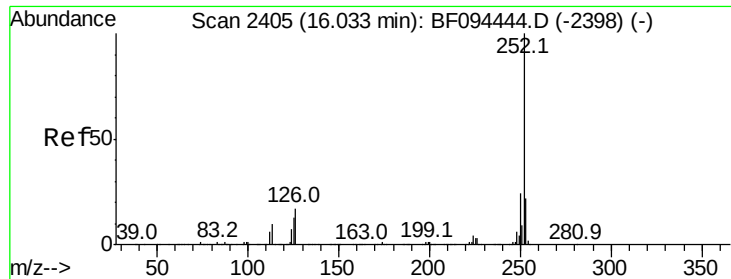
Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Tgt Ion:252 Resp: 552876

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	11.5	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 43.60 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

Instrument :

BNA_F

ClientSampleId :

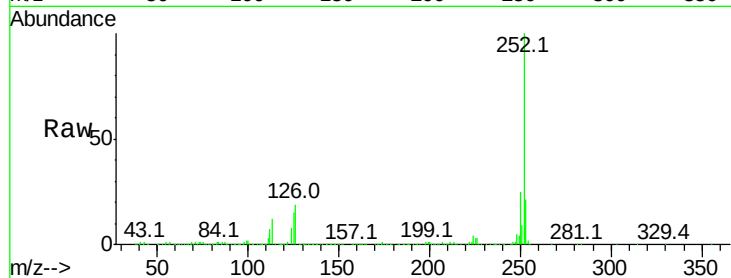
Tot Ion:252 Resp: 523161

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

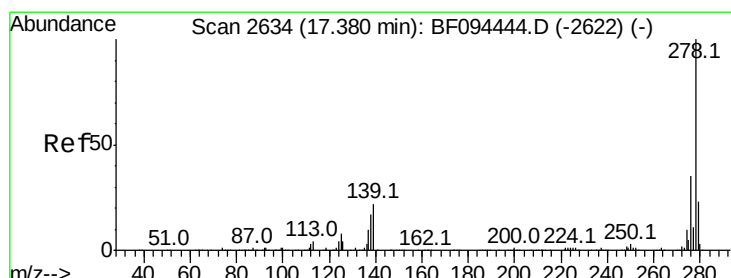
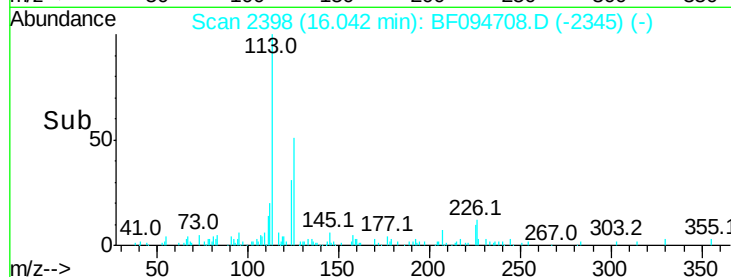
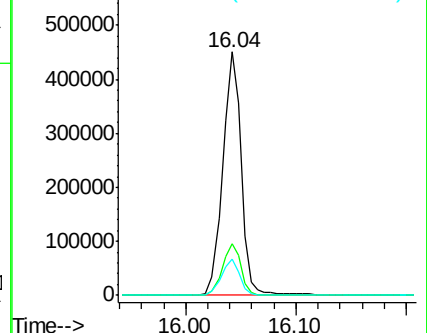
125 15.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.67 ng

RT: 17.40 min Scan# 2629

Delta R.T. 0.02 min

Lab File: BF094708.D

Acq: 30 Apr 2017 12:21

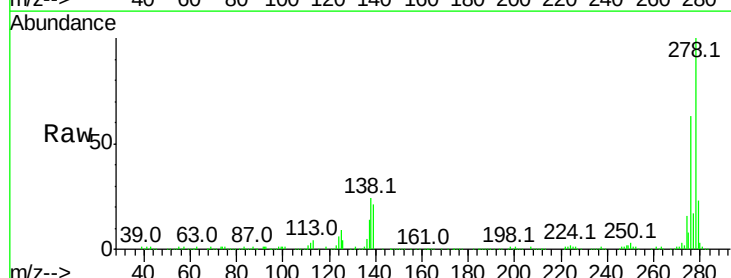
Tgt Ion:278 Resp: 454983

Ion Ratio Lower Upper

278 100

139 21.0 16.6 24.8

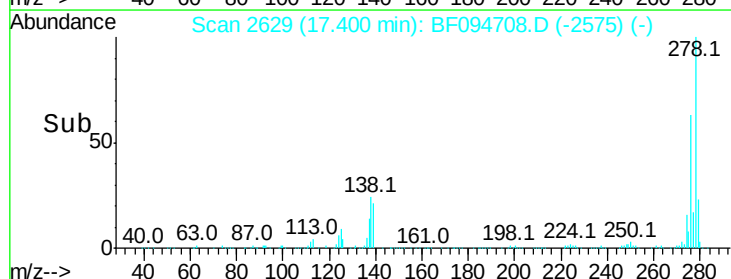
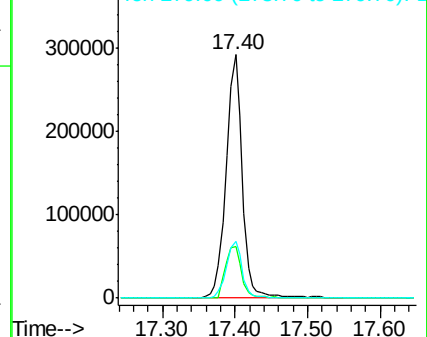
279 23.4 19.3 28.9

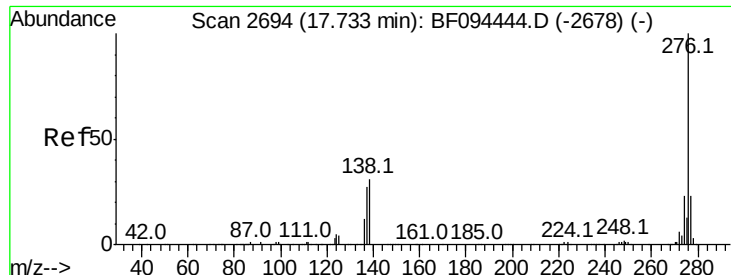


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

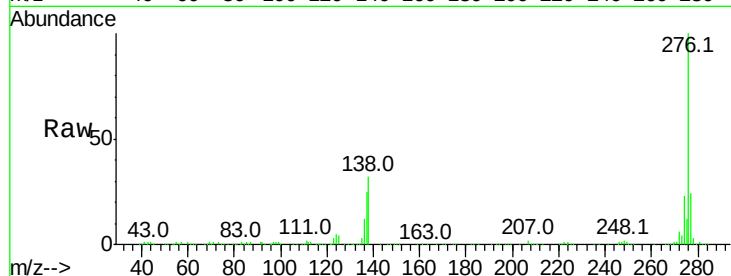




#91
 Benzo(a,h,i)perylene
 Concen: 45.95 ng
 RT: 17.76 min Scan# 2690
 Delta R.T. 0.03 min
 Lab File: BF094708.D
 Acq: 30 Apr 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	31.7	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

