

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096217.D
 Acq On : 27 Jun 2017 15:41
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 27 16:48:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	213230	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	920541	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	389301	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	638094	20.00	ng	0.00
75) Chrysene-d12	13.93	240	428960	20.00	ng	0.01
86) Perylene-d12	15.34	264	440714	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1180071	79.73	ng	0.01
7) Phenol-d6	6.41	99	1437779	80.23	ng	0.02
23) Nitrobenzene-d5	7.35	82	1141435	85.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	256861	83.84	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1800768	84.71	ng	-0.01
78) Terphenyl-d14	12.87	244	1360687	79.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	288496	40.87	ng	# 80
3) Pyridine	3.21	79	819879	42.34	ng	# 73
4) n-Nitrosodimethylamine	3.16	42	396475	41.39	ng	87
6) Aniline	6.45	93	983405	39.80	ng	99
8) 2-Chlorophenol	6.56	128	587986	40.49	ng	89
9) Benzaldehyde	6.33	77	450813	42.01	ng	98
10) Phenol	6.42	94	813111	41.27	ng	96
11) bis(2-Chloroethyl)ether	6.52	93	645084	40.01	ng	91
12) 1,3-Dichlorobenzene	6.72	146	639845	39.97	ng	98
13) 1,4-Dichlorobenzene	6.80	146	638523	39.74	ng	95
14) 1,2-Dichlorobenzene	6.95	146	582822	39.82	ng	99
15) Benzyl Alcohol	6.92	79	501214	41.45	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1364502	40.07	ng	91
17) 2-Methylphenol	7.03	107	513770	40.79	ng	98
18) Hexachloroethane	7.30	117	243818	42.08	ng	# 78
19) n-Nitroso-di-n-propylamine	7.20	70	438821	40.87	ng	# 83
20) 3+4-Methylphenols	7.19	107	574290	39.98	ng	96
22) Acetophenone	7.19	105	753408	39.38	ng	# 96
24) Nitrobenzene	7.36	77	649147	44.09	ng	93
25) Isophorone	7.60	82	1194062	39.54	ng	98
26) 2-Nitrophenol	7.67	139	292768	43.82	ng	# 84
27) 2,4-Dimethylphenol	7.72	122	537815	39.41	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	787549	38.50	ng	100
29) 2,4-Dichlorophenol	7.92	162	474187	40.74	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	451341	39.08	ng	98
31) Naphthalene	8.09	128	1715261	38.66	ng	100
32) Benzoic acid	7.83	122	394326	42.15	ng	92
33) 4-Chloroaniline	8.13	127	730328	39.76	ng	99
34) Hexachlorobutadiene	8.21	225	222205	38.78	ng	96
35) Caprolactam	8.50	113	168905	42.00	ng	# 51
36) 4-Chloro-3-methylphenol	8.61	107	506792	40.02	ng	90
37) 2-Methylnaphthalene	8.77	142	1107995	38.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	358286	38.02	ng	98
40) Hexachlorocyclopentadiene	8.93	237	184186	43.60	ng	98

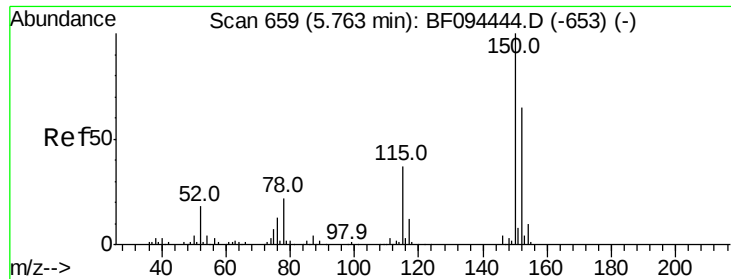
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096217.D
 Acq On : 27 Jun 2017 15:41
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Quant Time: Jun 27 16:48:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	288145	40.56	ng	97
43) 2,4,5-Trichlorophenol	9.09	196	312600	41.75	ng	98
45) 1,1'-Biphenyl	9.24	154	1198342	40.12	ng	96
46) 2-Chloronaphthalene	9.26	162	965406	38.96	ng	# 92
47) 2-Nitroaniline	9.35	65	352275	45.02	ng	98
48) Acenaphthylene	9.67	152	1605412	39.05	ng	99
49) Dimethylphthalate	9.54	163	1097172	39.38	ng	100
50) 2,6-Dinitrotoluene	9.59	165	251728	43.44	ng	# 70
51) Acenaphthene	9.85	154	937948	38.76	ng	99
52) 3-Nitroaniline	9.76	138	318960	42.97	ng	94
53) 2,4-Dinitrophenol	9.86	184	87116	45.04	ng	# 76
54) Dibenzofuran	10.02	168	1254306	39.70	ng	99
55) 4-Nitrophenol	9.91	139	261701	43.61	ng	# 64
56) 2,4-Dinitrotoluene	9.99	165	324793	44.47	ng	# 71
57) Fluorene	10.36	166	901813	41.45	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	219173	41.90	ng	97
59) Diethylphthalate	10.24	149	1100510	39.34	ng	99
60) 4-Chlorophenyl-phenylether	10.36	204	376019	42.89	ng	92
61) 4-Nitroaniline	10.37	138	271438	42.04	ng	91
62) Azobenzene	10.52	77	1110192	39.35	ng	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	140361	43.03	ng	81
65) n-Nitrosodiphenylamine	10.47	169	882416	38.45	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	255906	38.97	ng	95
67) Hexachlorobenzene	10.91	284	269813	39.97	ng	# 88
68) Atrazine	11.00	200	241935	39.96	ng	95
69) Pentachlorophenol	11.10	266	170919	44.36	ng	97
70) Phenanthrene	11.32	178	1369747	42.35	ng	99
71) Anthracene	11.37	178	1405526	39.42	ng	99
72) Carbazole	11.52	167	1491311	37.88	ng	99
73) Di-n-butylphthalate	11.86	149	1643683	39.54	ng	99
74) Fluoranthene	12.50	202	1377801	38.87	ng	97
76) Benzidine	12.62	184	696858	43.33	ng	98
77) Pyrene	12.73	202	1418056	40.23	ng	99
79) Butylbenzylphthalate	13.35	149	697015	43.15	ng	# 76
80) Benzo(a)anthracene	13.91	228	1064796	40.72	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	441621	44.35	ng	98
82) Chrysene	13.95	228	1120425	41.43	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	764366	43.54	ng	97
84) Di-n-octyl phthalate	14.53	149	1582610	43.76	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.73	276	929225	41.39	ng	96
87) Benzo(b)fluoranthene	14.97	252	1051775	36.33	ng	97
88) Benzo(k)fluoranthene	14.97	252	1051775	39.79	ng	96
89) Benzo(a)pyrene	15.29	252	1008632	39.44	ng	97
90) Dibenzo(a,h)anthracene	16.76	278	798492	39.88	ng	96
91) Benzo(g,h,i)perylene	17.16	276	793730	38.14	ng	99

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

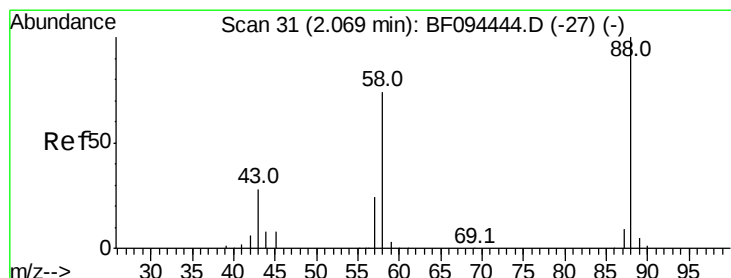
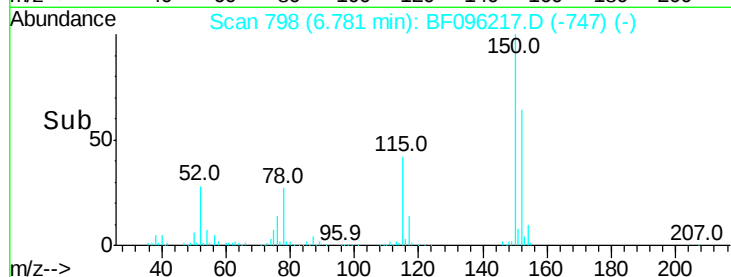
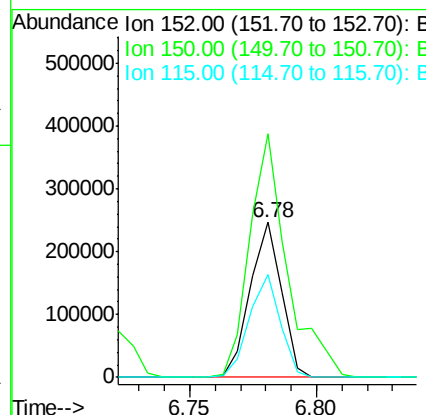
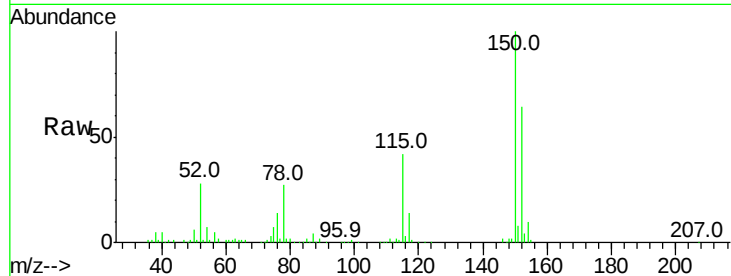


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Instrument :
BNA_F
ClientSampleId :

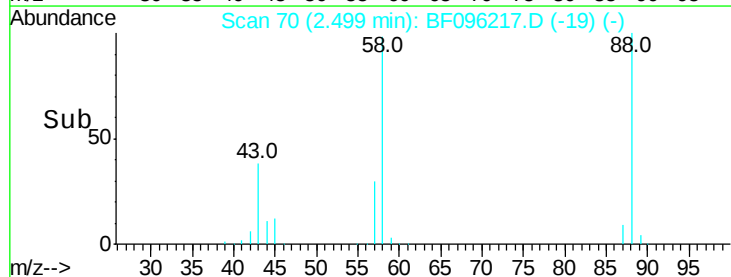
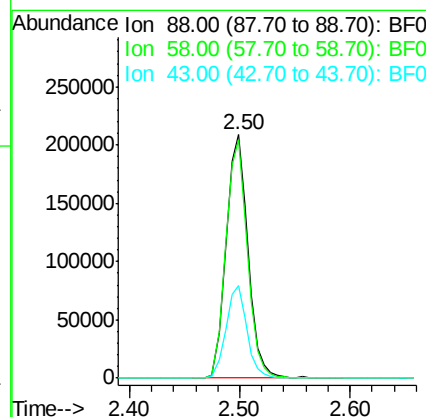
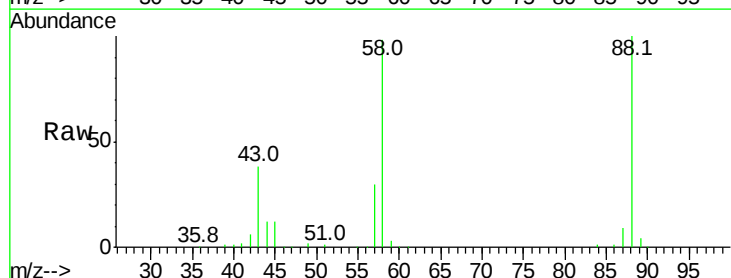
Tot Ion:152 Resp: 213230
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 66.2 52.2 78.2

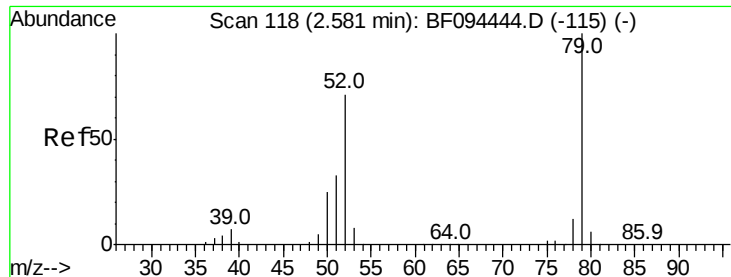


#2

1,4-Dioxane
Concen: 40.87 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.00 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion: 88 Resp: 288496
Ion Ratio Lower Upper
88 100
58 96.3 61.4 92.0#
43 36.2 23.4 35.0#





#3

Pvridine

Concen: 42.34 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.02 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

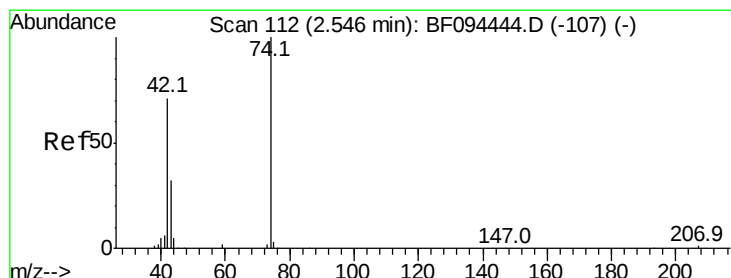
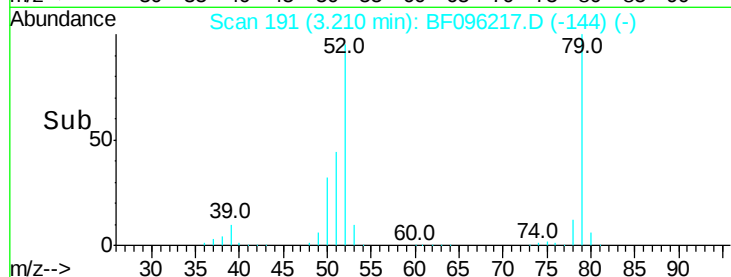
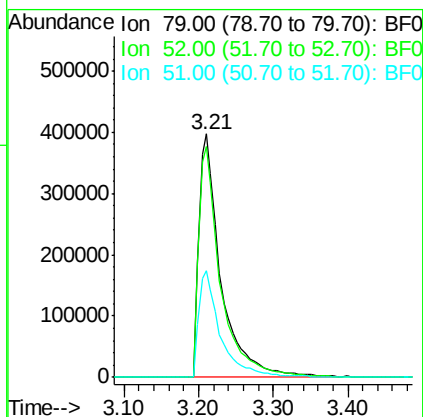
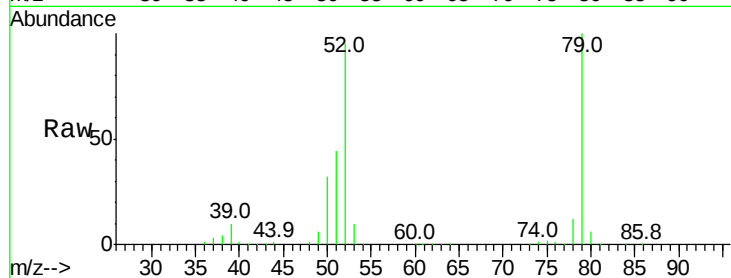
Tot Ion: 79 Resp: 819879

Ion Ratio Lower Upper

79 100

52 94.6 54.8 82.2#

51 43.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.39 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.02 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

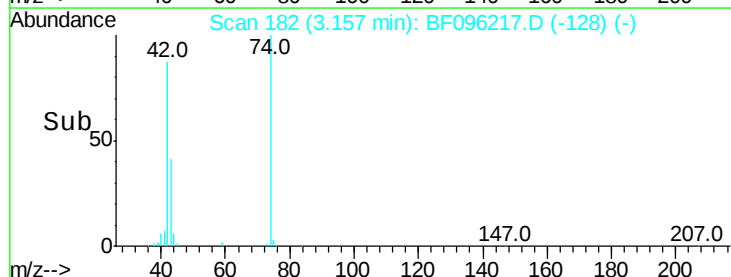
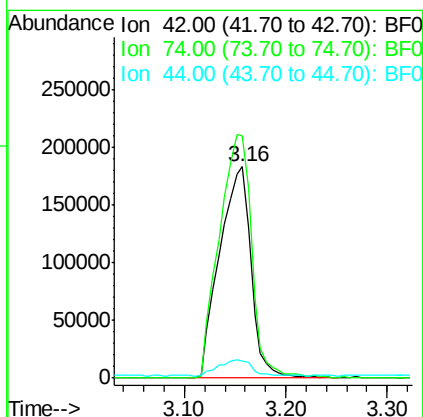
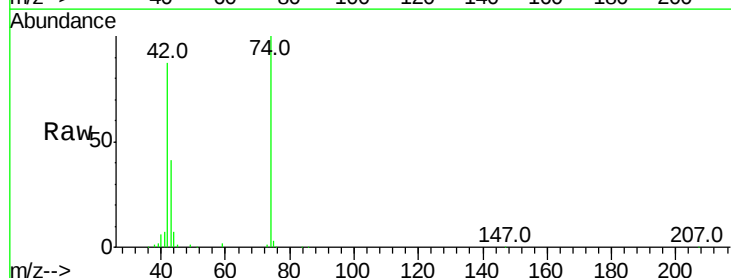
Tgt Ion: 42 Resp: 396475

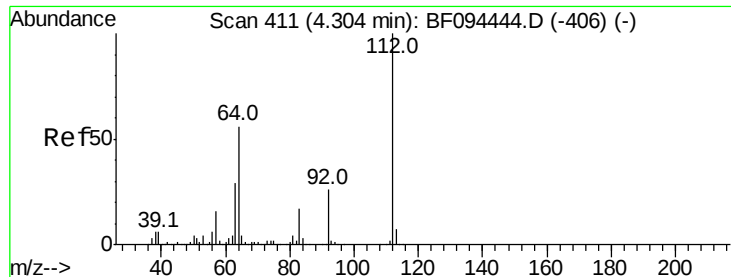
Ion Ratio Lower Upper

42 100

74 114.7 103.9 155.9

44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 79.73 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

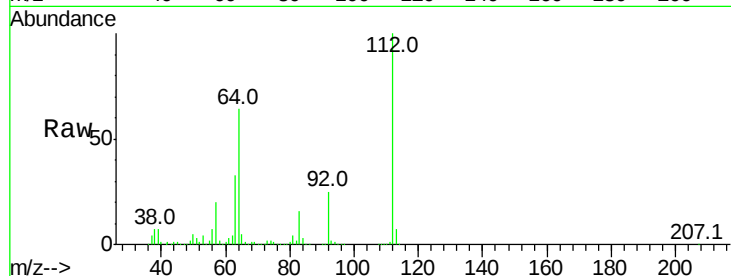
Tot Ion:112 Resp: 1180071

Ion Ratio Lower Upper

112 100

64 64.1 46.0 69.0

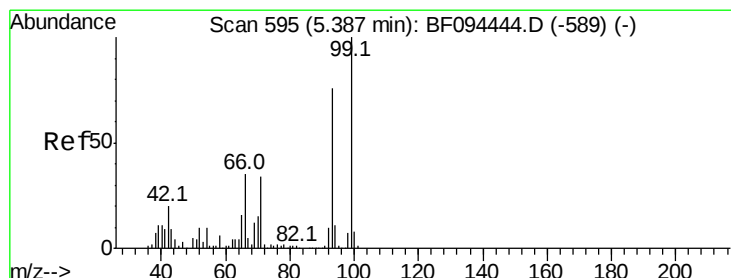
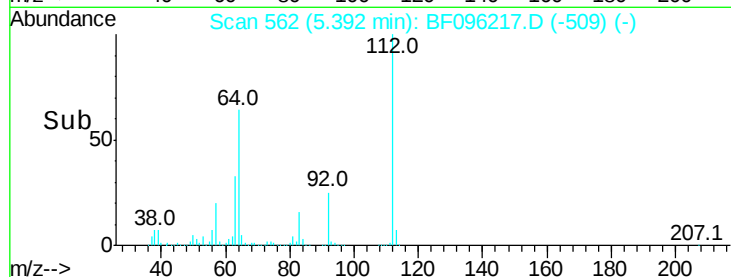
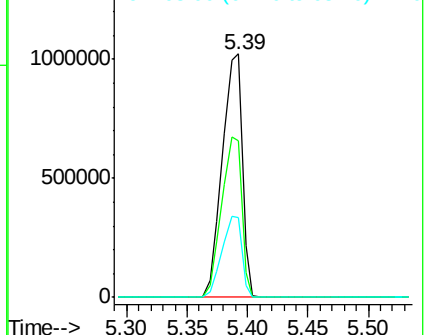
63 32.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.80 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

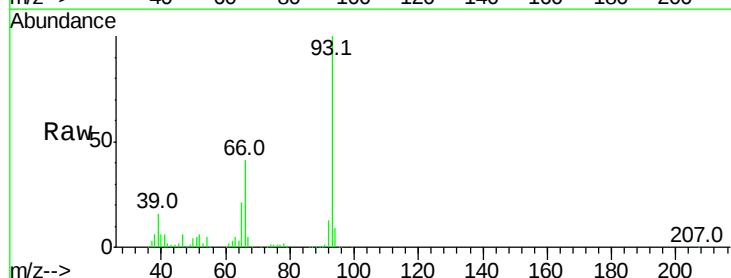
Tgt Ion: 93 Resp: 983405

Ion Ratio Lower Upper

93 100

66 40.8 32.9 49.3

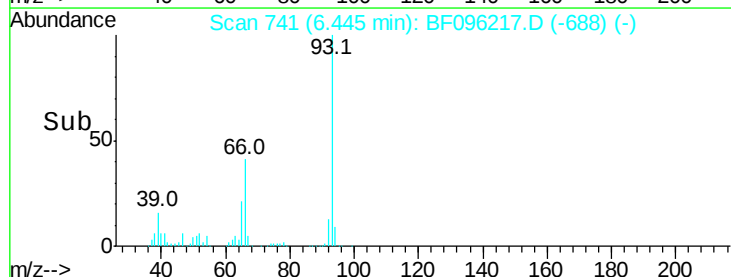
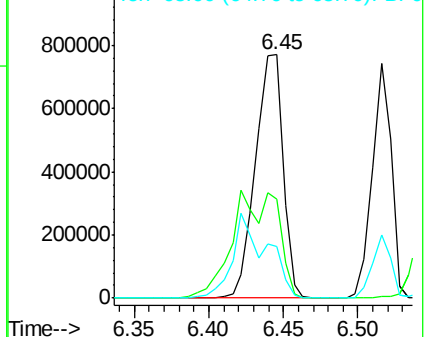
65 21.4 16.0 24.0

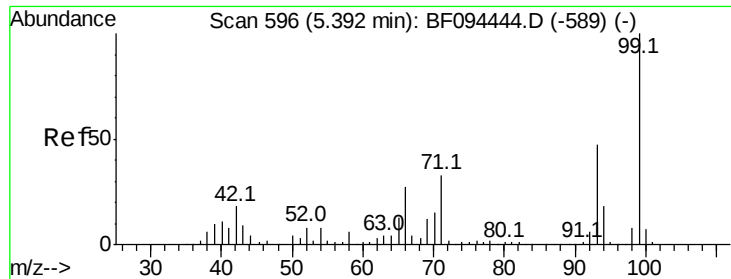


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.23 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

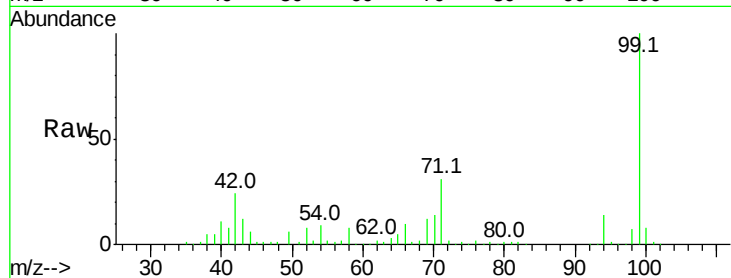
Instrument :

BNA_F

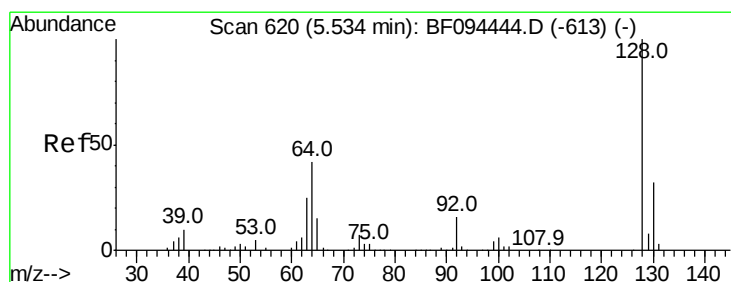
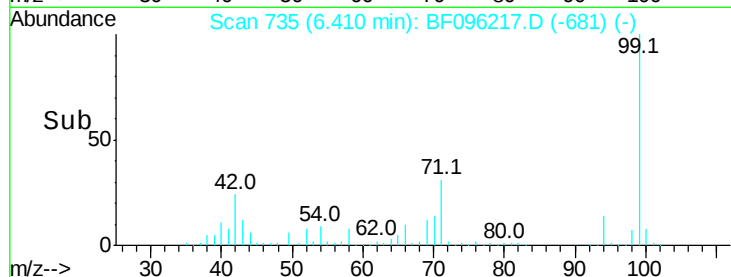
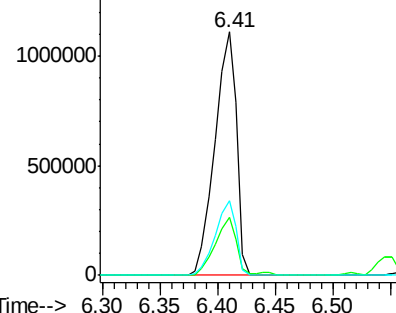
ClientSampled :

Tot Ion: 99 Resp: 1437779

Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	30.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.49 ng

RT: 6.56 min Scan# 761

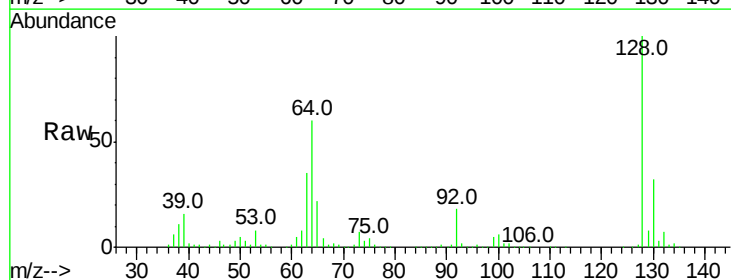
Delta R.T. 0.01 min

Lab File: BF096217.D

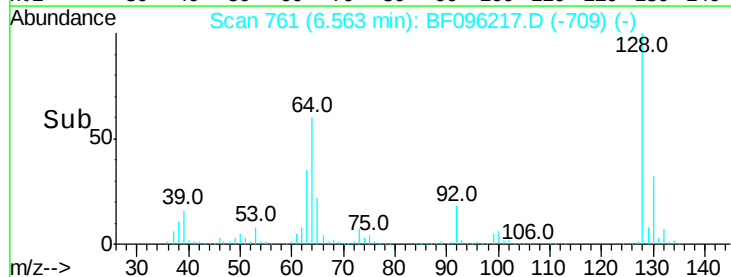
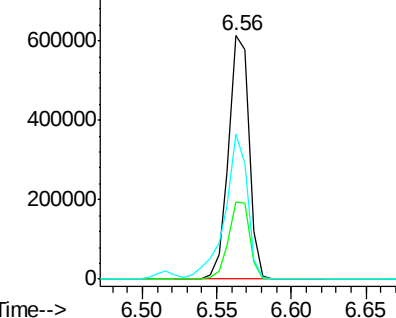
Acq: 27 Jun 2017 15:41

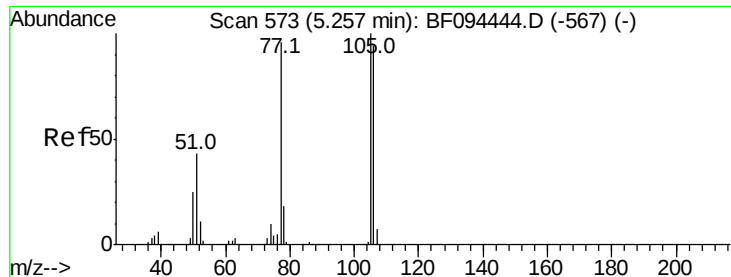
Tgt Ion:128 Resp: 587986

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.9	52.9
64	59.5	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: 42.01 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampled :

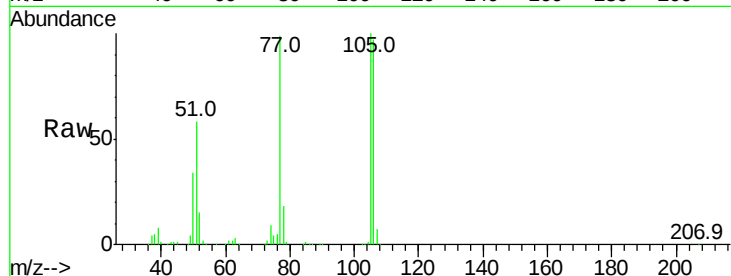
Tot Ion: 77 Resp: 450813

Ion Ratio Lower Upper

77 100

105 100.8 83.8 123.8

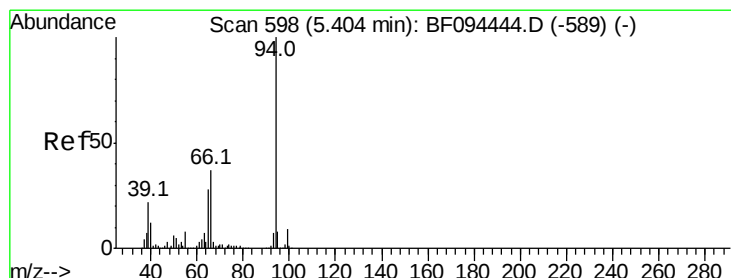
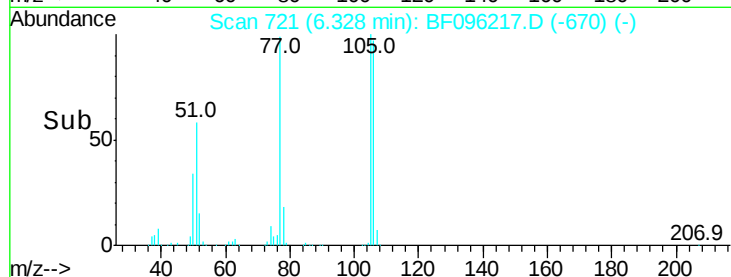
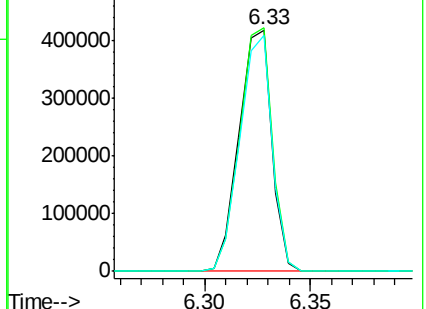
106 97.9 79.1 119.1



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: 41.27 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

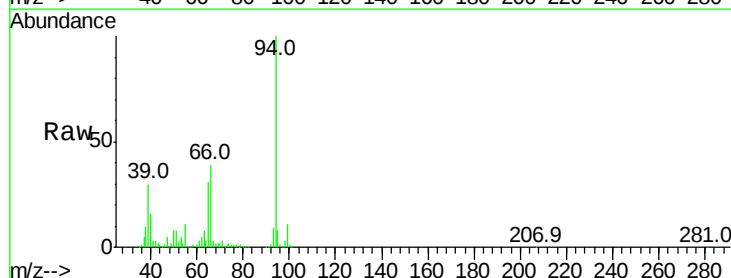
Tgt Ion: 94 Resp: 813111

Ion Ratio Lower Upper

94 100

65 31.0 9.9 49.9

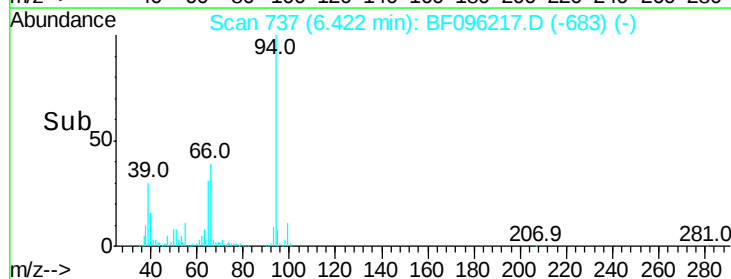
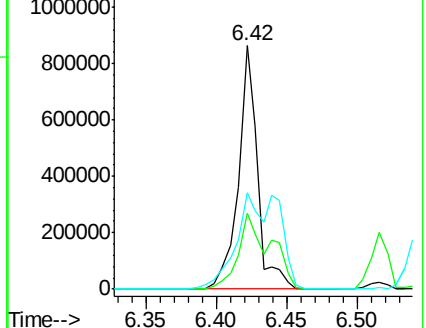
66 39.4 23.1 63.1

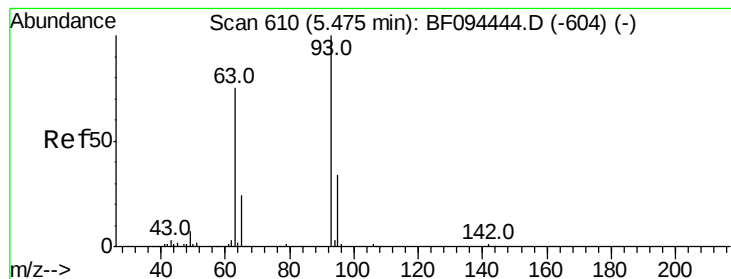


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

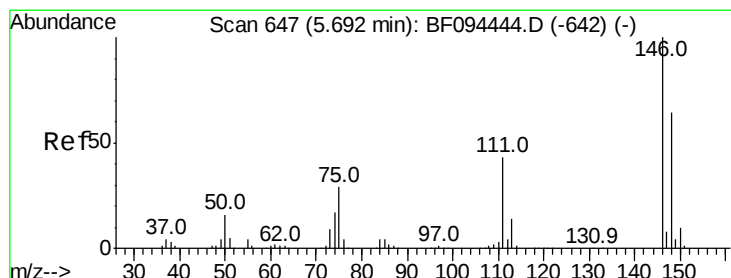
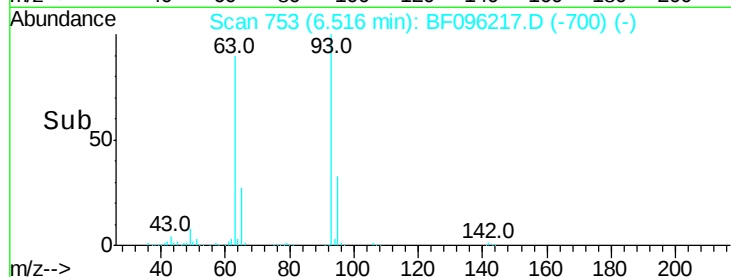
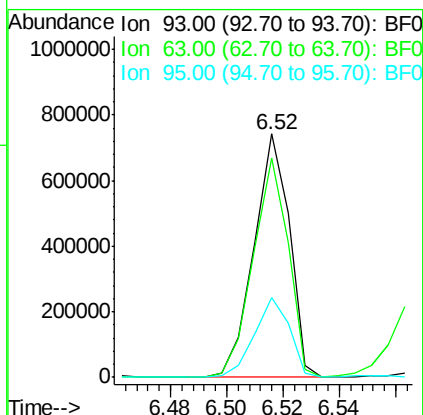
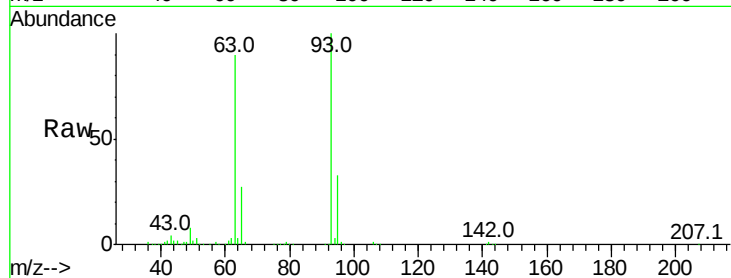




#11
bis(2-Chloroethyl)ether
Concen: 40.01 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

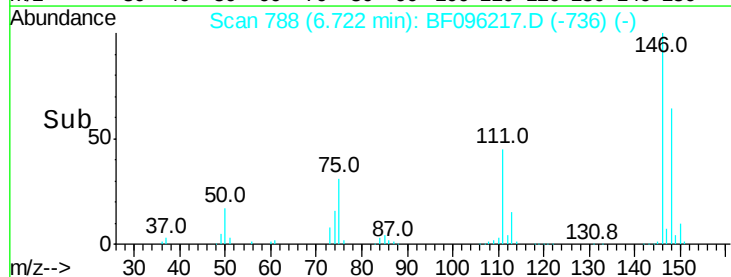
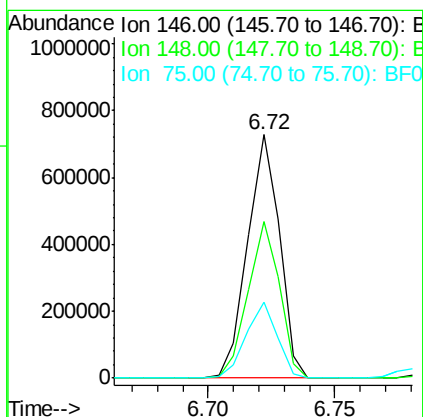
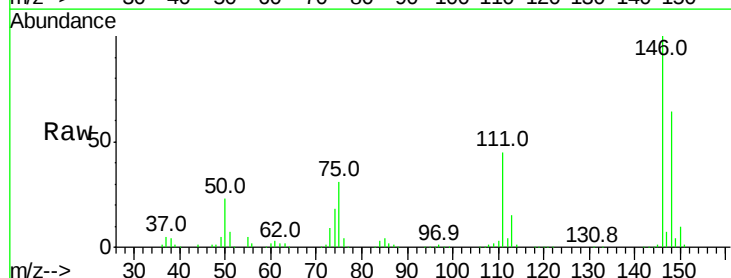
Instrument :
BNA_F
ClientSampled :

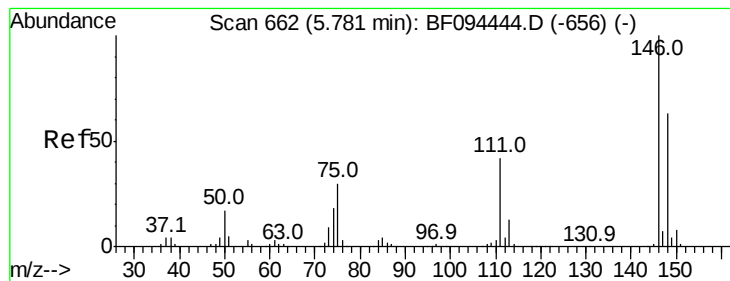
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	59.2	99.2
95	33.0	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 39.97 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	31.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.74 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

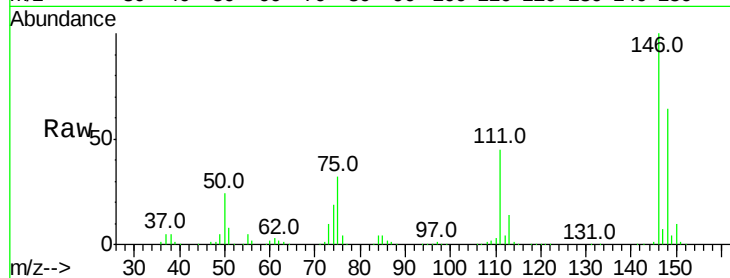
Tot Ion:146 Resp: 638523

Ion Ratio Lower Upper

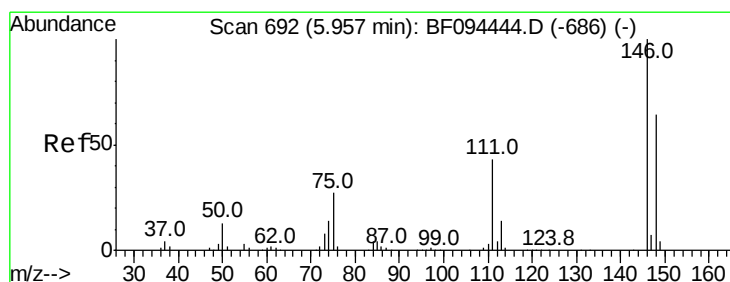
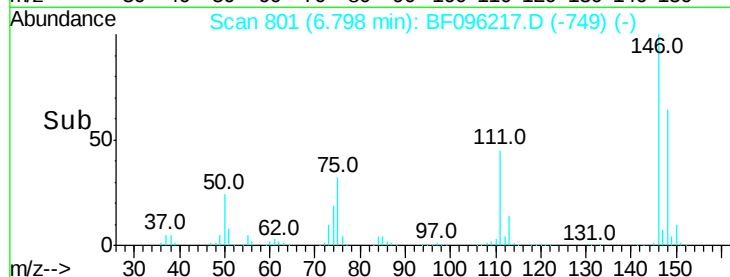
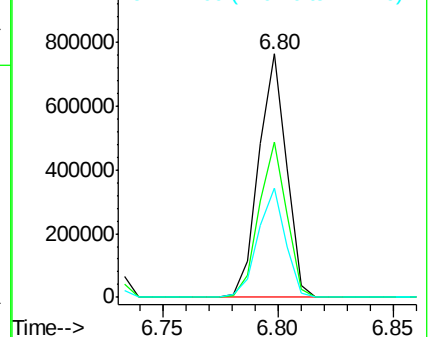
146 100

148 63.9 52.2 78.2

111 45.0 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: 39.82 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

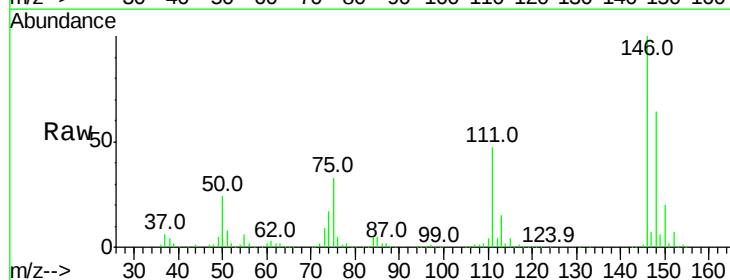
Tgt Ion:146 Resp: 582822

Ion Ratio Lower Upper

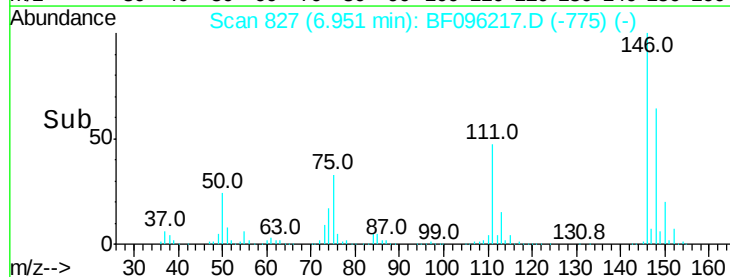
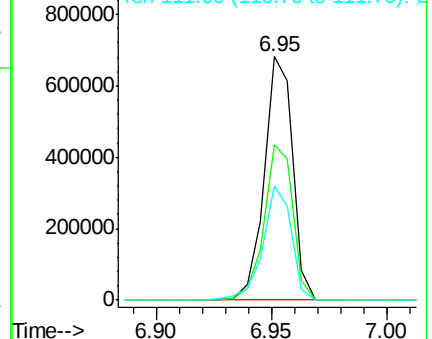
146 100

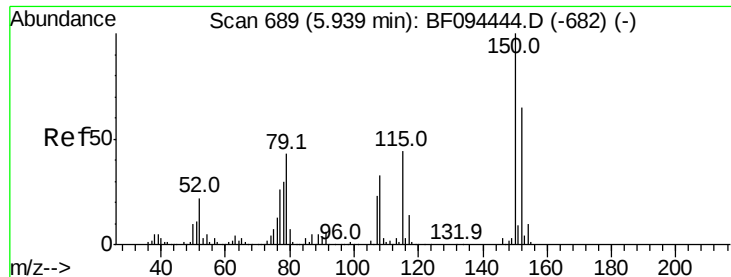
148 63.8 50.4 75.6

111 46.8 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: 41.45 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :
BNA_F
ClientSampleId :

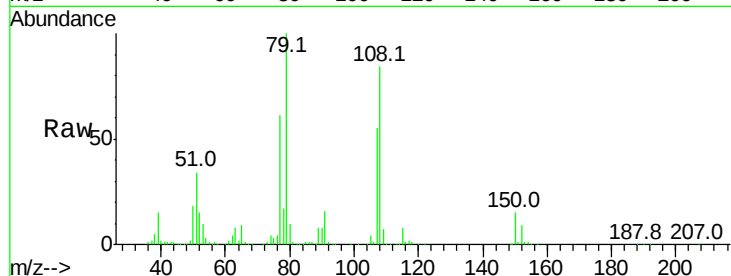
Tot Ion: 79 Resp: 501214

Ion Ratio Lower Upper

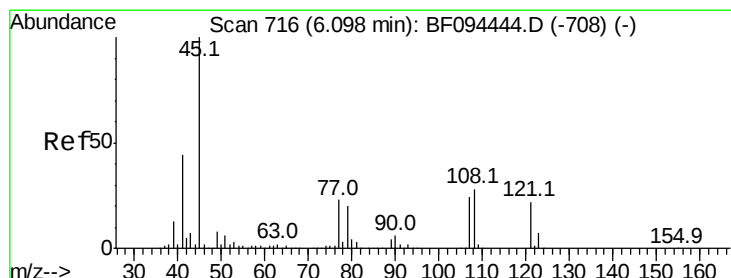
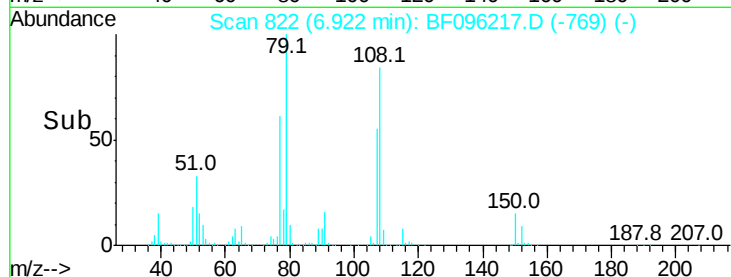
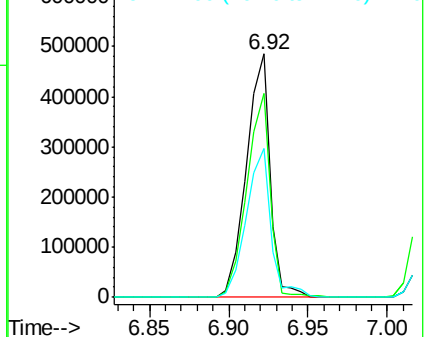
79 100

108 83.6 63.4 95.0

77 61.3 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: 40.07 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

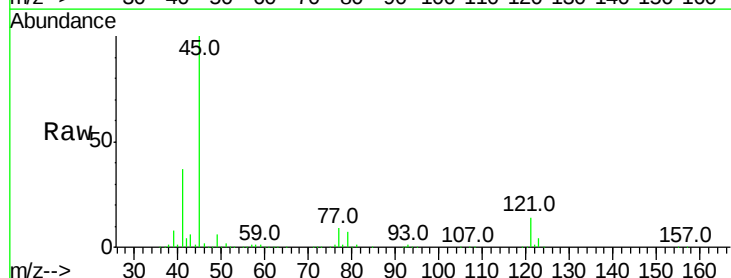
Tgt Ion: 45 Resp: 1364502

Ion Ratio Lower Upper

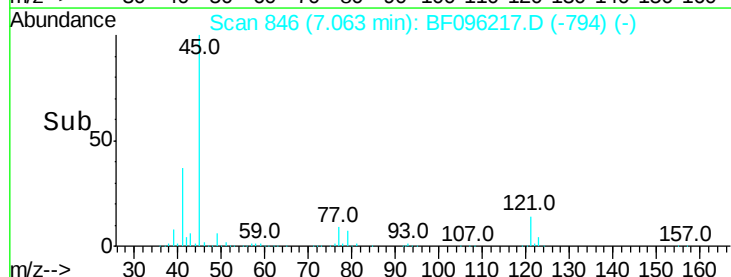
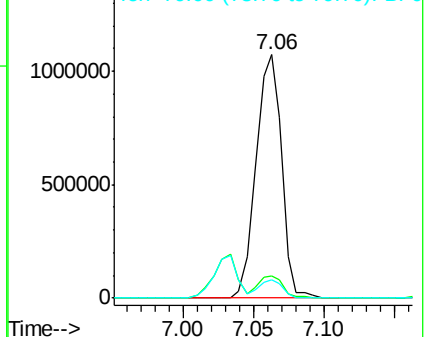
45 100

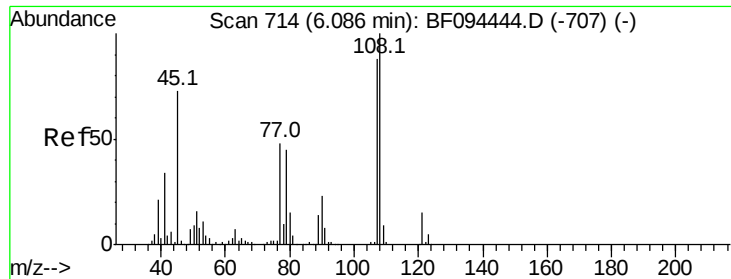
77 9.1 0.0 33.2

79 7.4 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: 40.79 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 513770

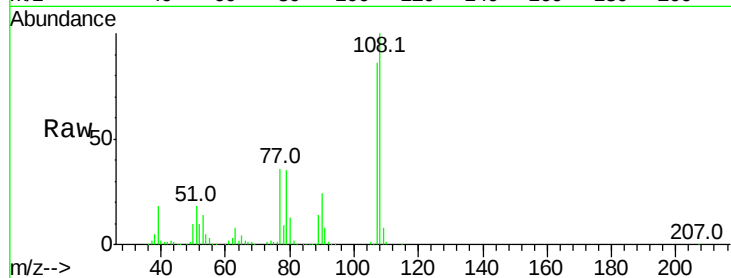
Ion Ratio Lower Upper

107 100

108 116.0 93.4 140.0

77 42.3 35.8 53.6

79 40.5 34.8 52.2

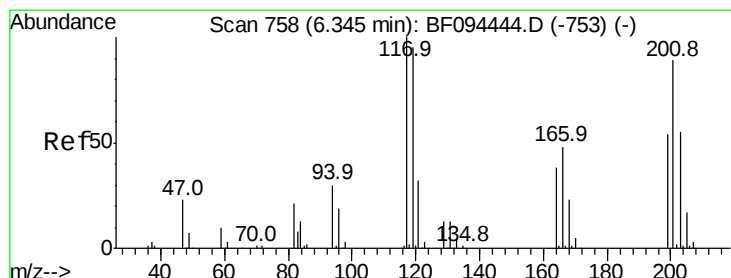
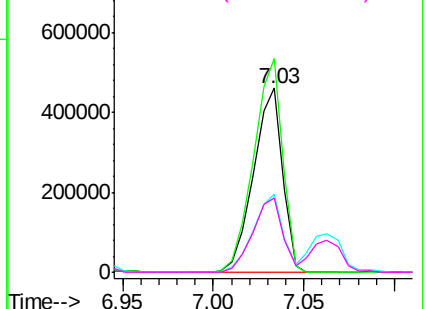
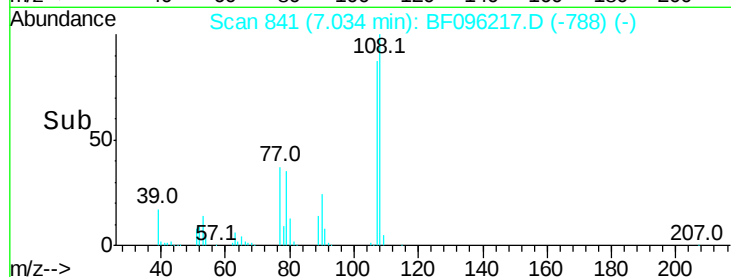


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.08 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

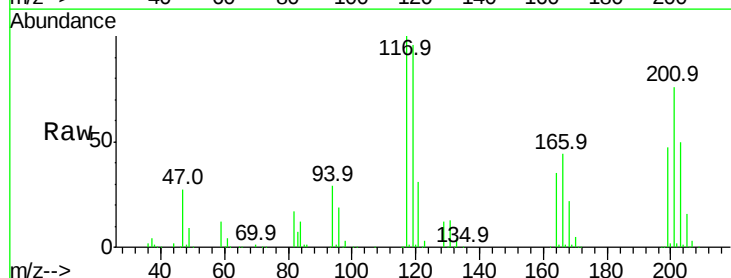
Tgt Ion:117 Resp: 243818

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

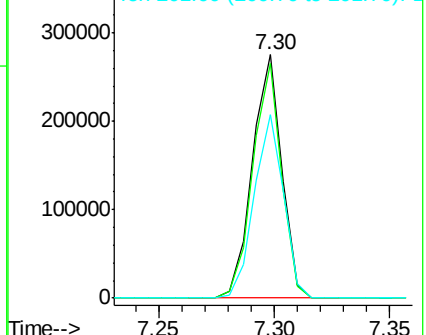
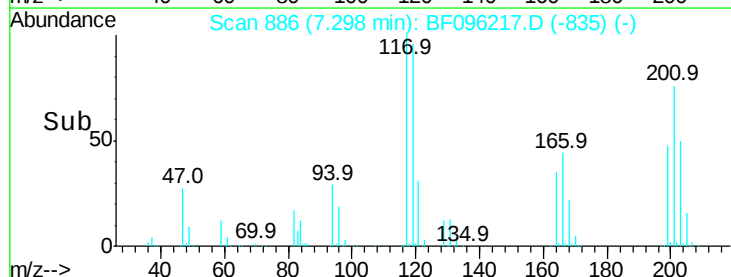
201 75.6 94.6 141.8#

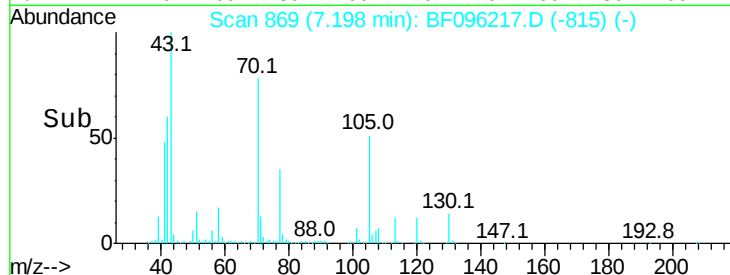
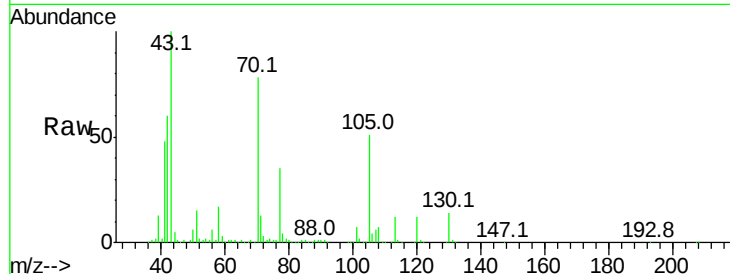
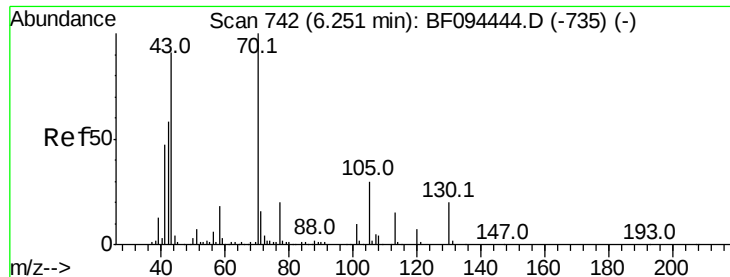


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

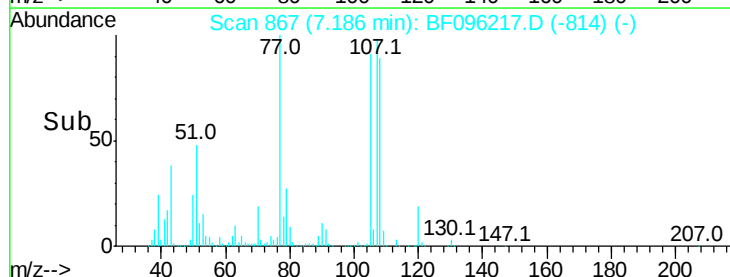
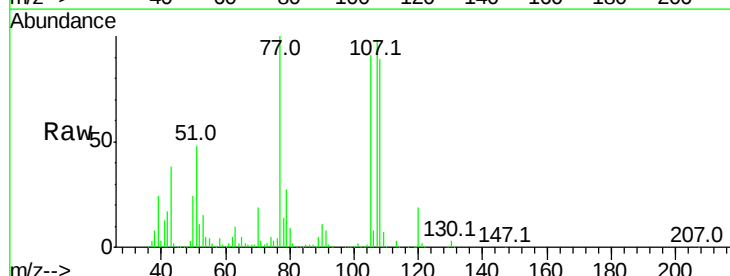
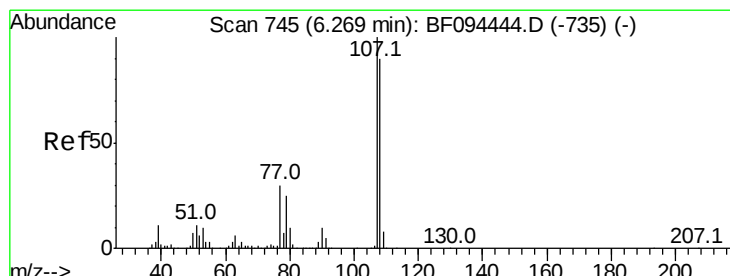
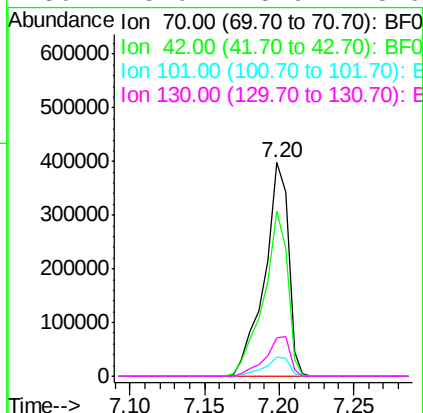




#19
n-Nitroso-di-n-propylamine
Concen: 40.87 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.02 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

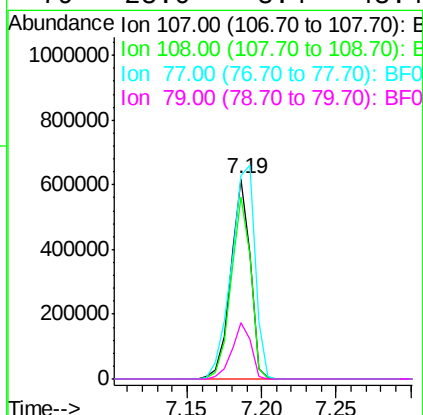
Instrument :
BNA_F
ClientSampleId :

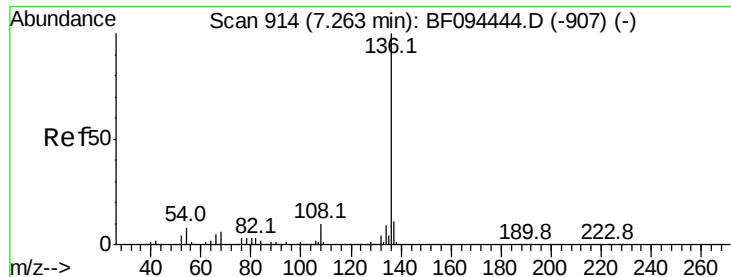
Tot Ion: 70 Resp: 438821
Ion Ratio Lower Upper
70 100
42 77.1 47.2 70.8#
101 9.0 7.2 10.8
130 18.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.98 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:107 Resp: 574290
Ion Ratio Lower Upper
107 100
108 90.6 71.0 111.0
77 101.8 90.5 130.5
79 28.0 8.4 48.4

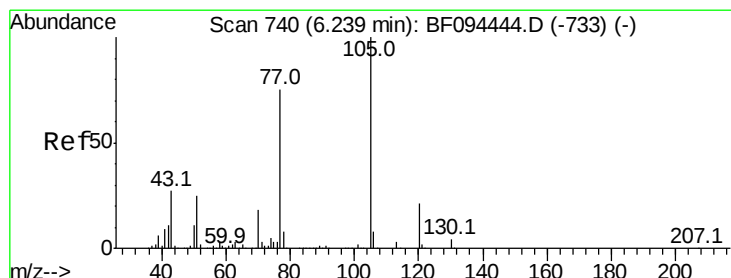
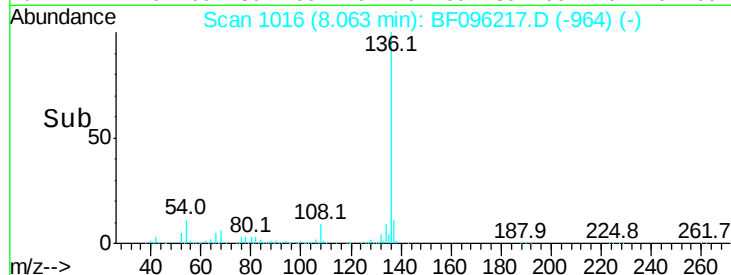
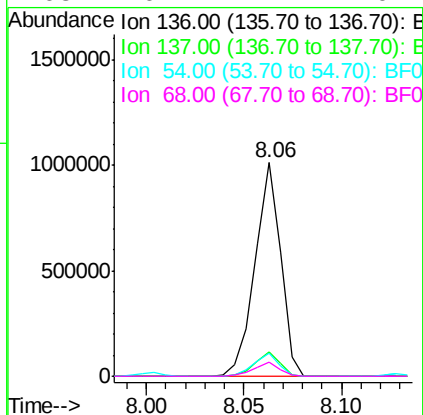
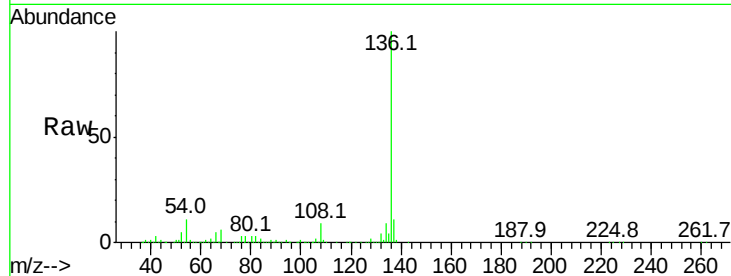




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

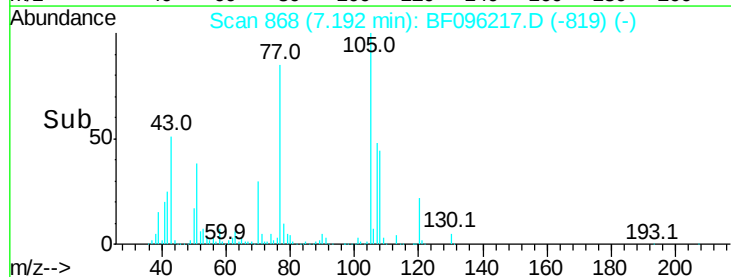
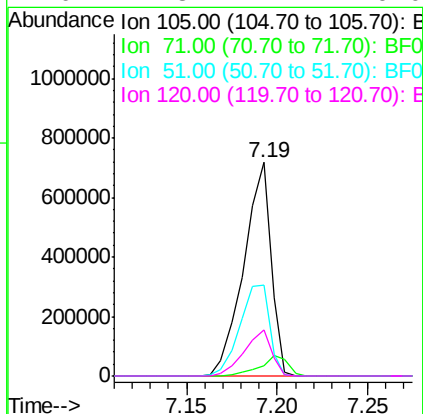
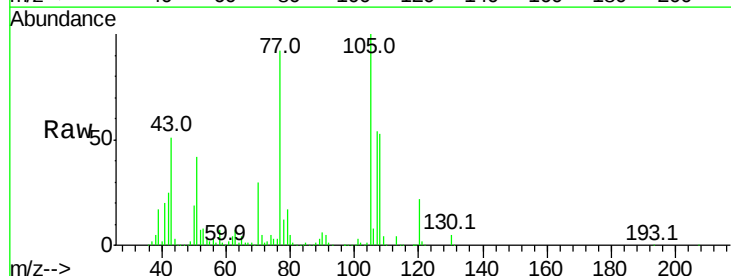
Instrument :
BNA_F
ClientSampleId :

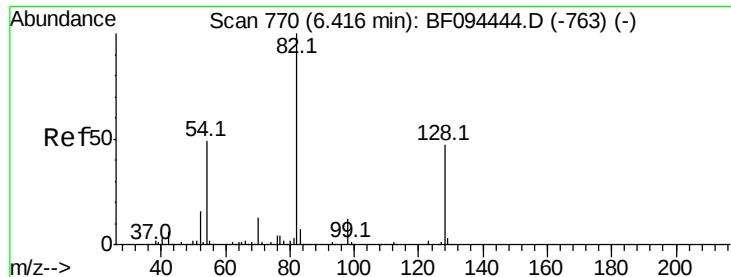
Tot Ion:	136	Resp:	920541
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	10.5	4.9	7.3#
68	6.4	4.1	6.1#



#22
Acetophenone
Concen: 39.38 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:	105	Resp:	753408
Ion Ratio	Lower	Upper	
105	100		
71	4.7	2.8	4.2#
51	42.3	30.7	46.1
120	21.8	17.4	26.0

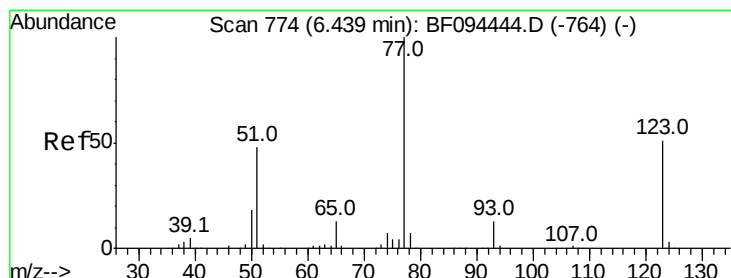
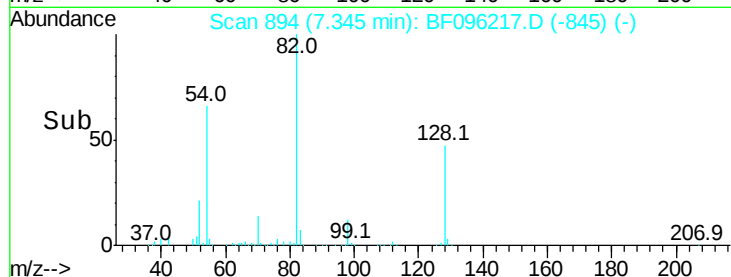
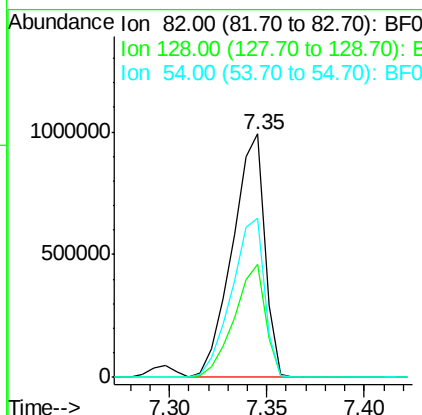
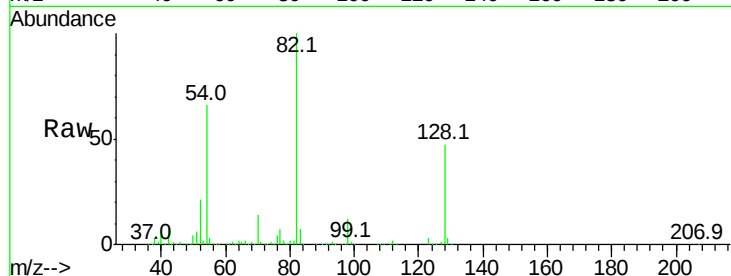




#23
Nitrobenzene-d5
Concen: 85.84 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

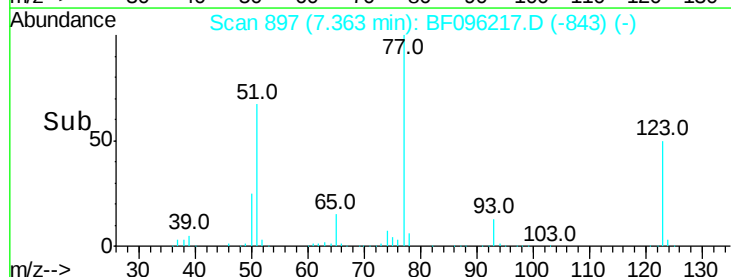
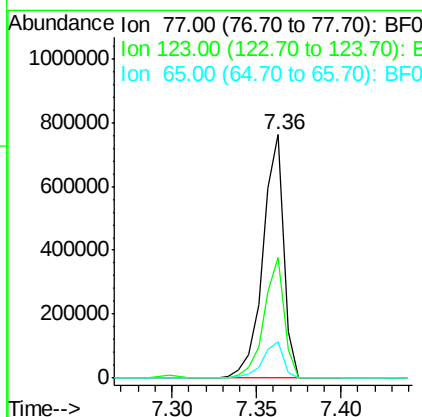
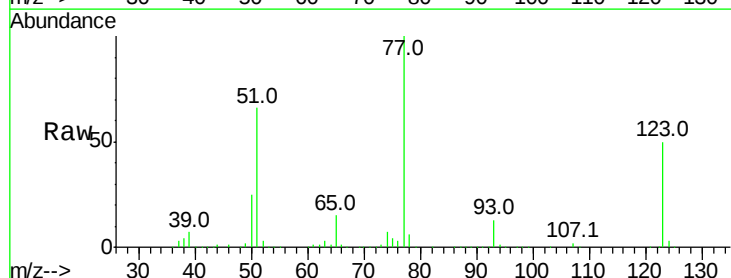
Instrument :
BNA_F
ClientSampleId :

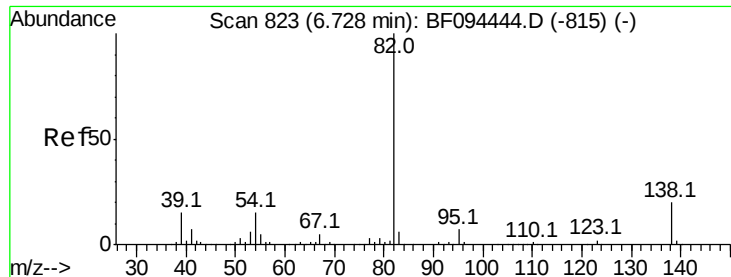
Tot Ion: 82 Resp: 1141435
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 65.6 42.2 63.2#



#24
Nitrobenzene
Concen: 44.09 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.02 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion: 77 Resp: 649147
Ion Ratio Lower Upper
77 100
123 49.7 35.8 53.8
65 14.8 10.6 15.8





#25

Isophorone

Concen: 39.54 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

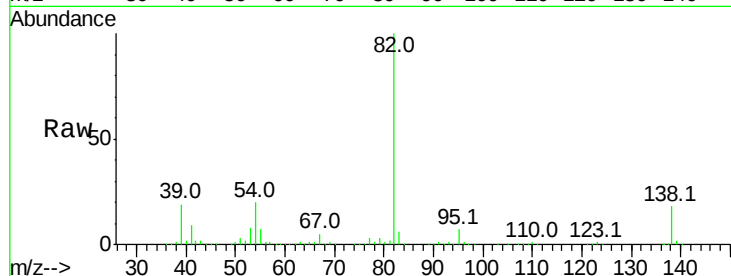
Tot Ion: 82 Resp: 1194062

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

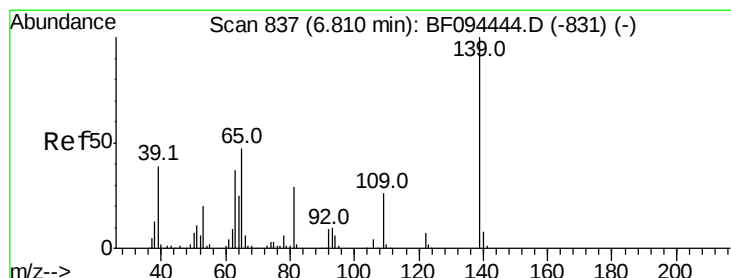
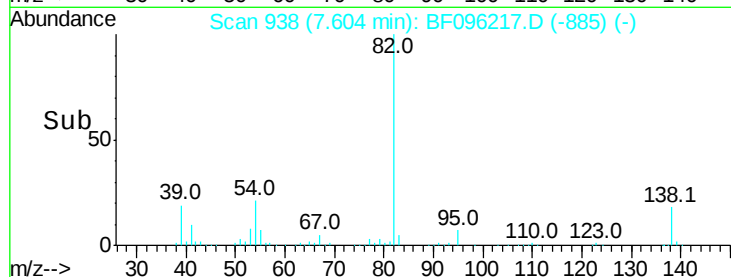
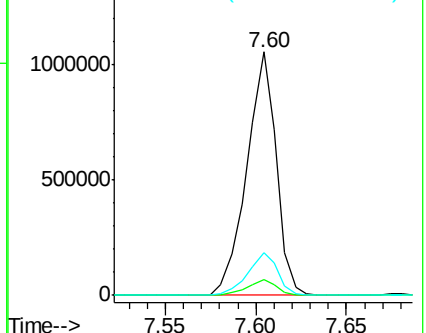
138 17.7 13.1 19.7



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: 43.82 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

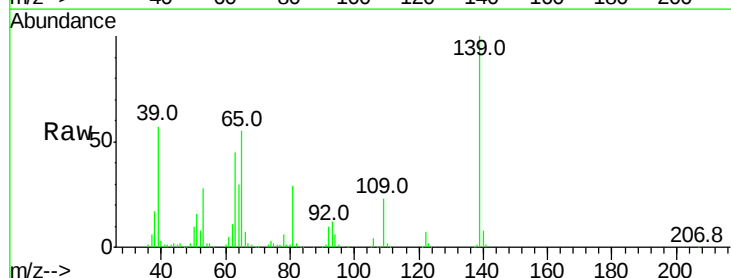
Tgt Ion:139 Resp: 292768

Ion Ratio Lower Upper

139 100

109 22.8 21.0 31.6

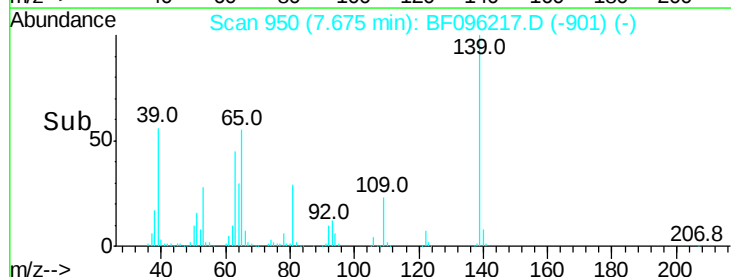
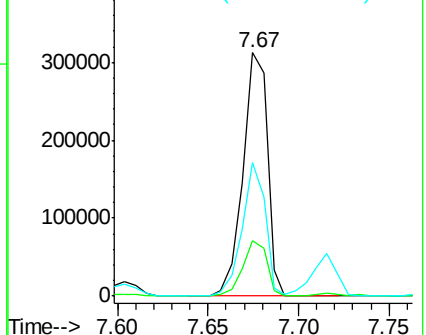
65 55.1 33.0 49.6#

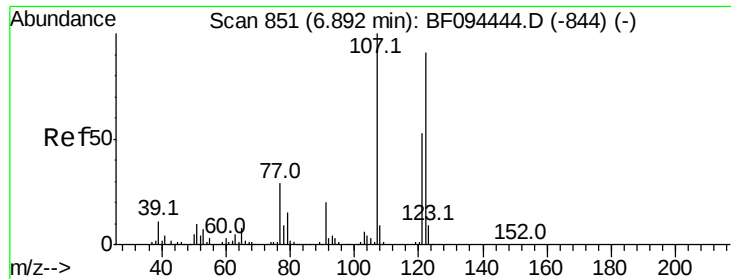


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.41 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampled :

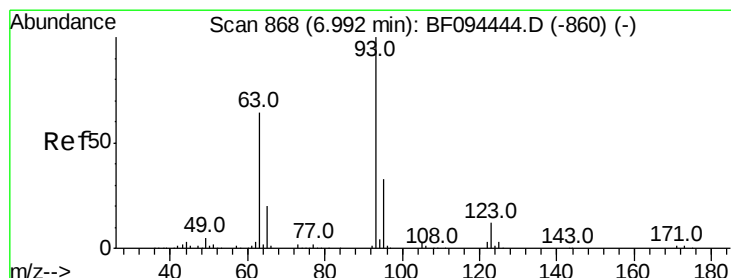
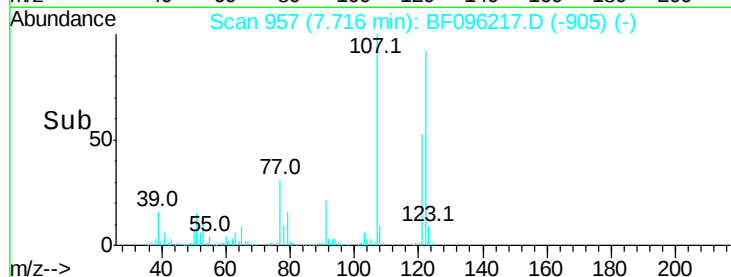
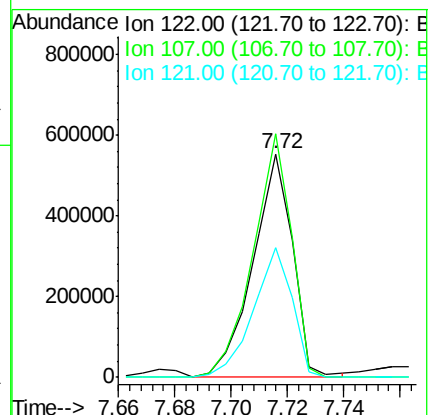
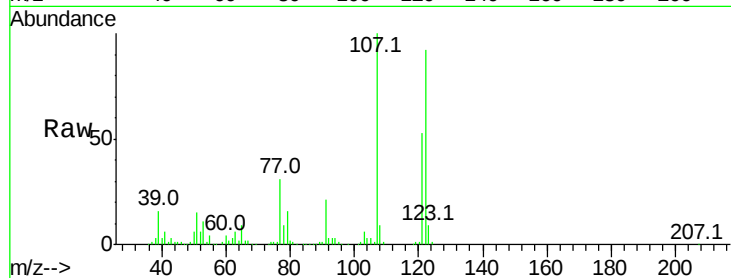
Tot Ion:122 Resp: 537815

Ion Ratio Lower Upper

122 100

107 109.0 89.2 133.8

121 58.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.50 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

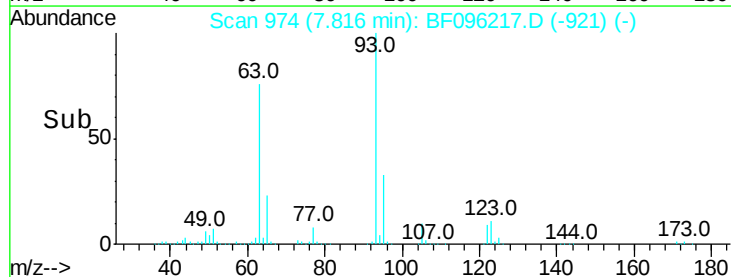
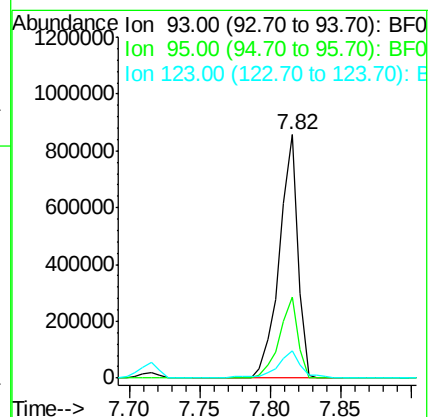
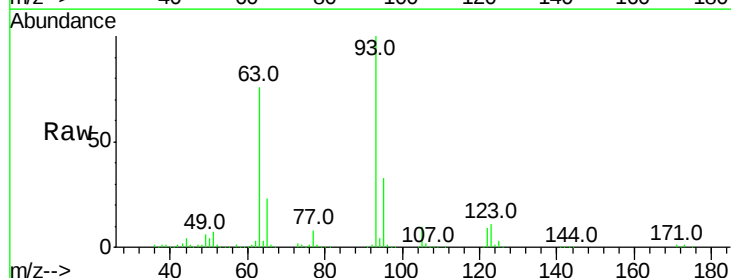
Tgt Ion: 93 Resp: 787549

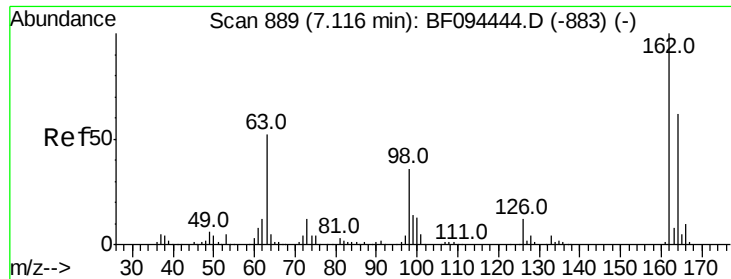
Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

123 11.0 9.0 13.4

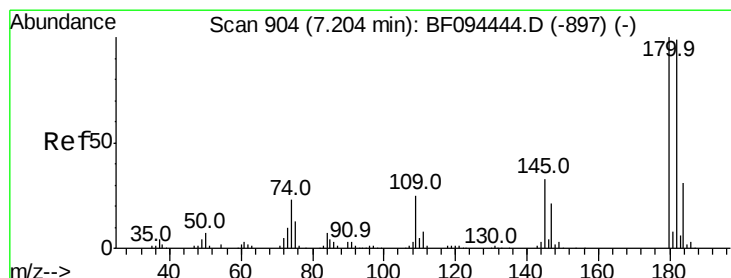
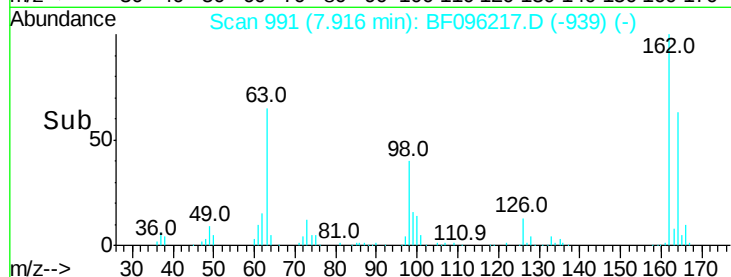
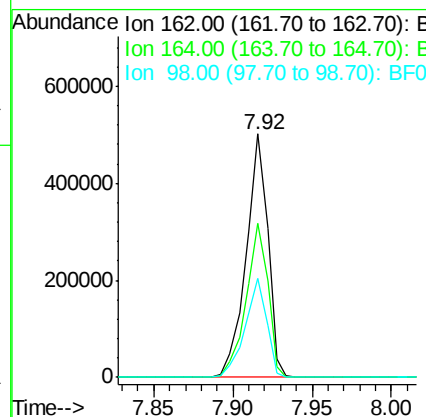
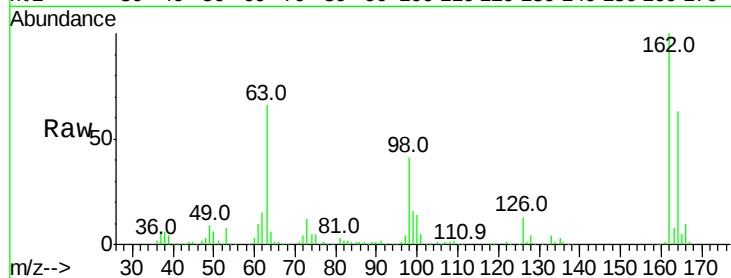




#29
 2,4-Dichlorophenol
 Concen: 40.74 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

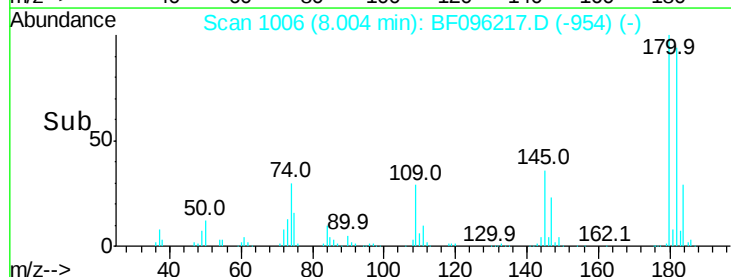
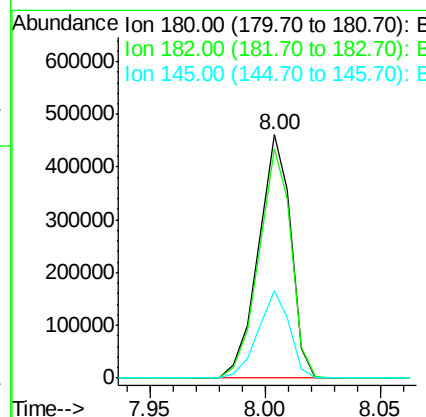
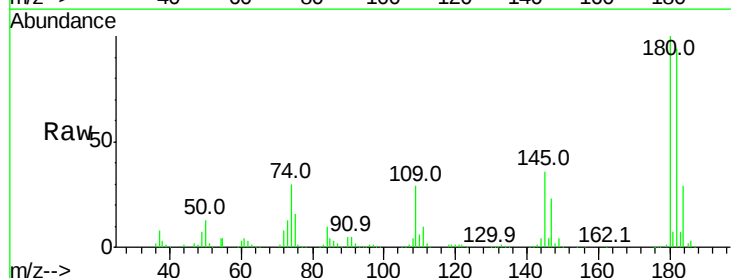
Instrument :
 BNA_F
 ClientSampleId :

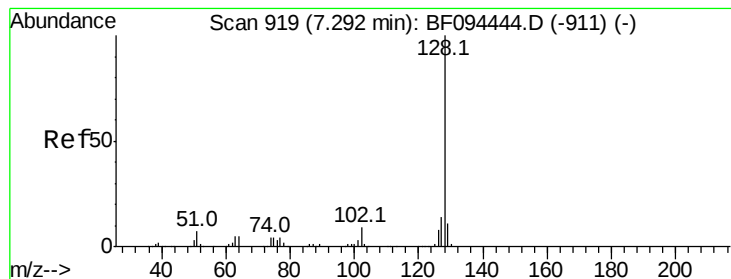
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	40.5	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.08 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	36.1	25.3	37.9





#31

Naphthalene

Concen: 38.66 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

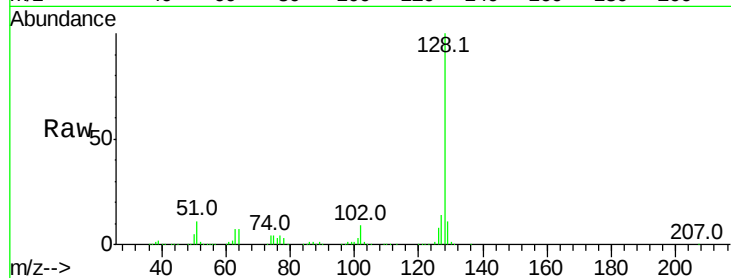
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1715261

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	10.8	16.2

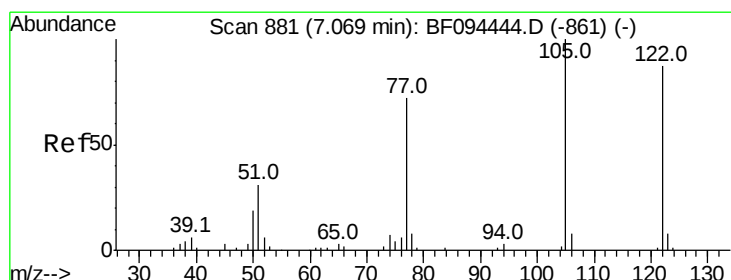
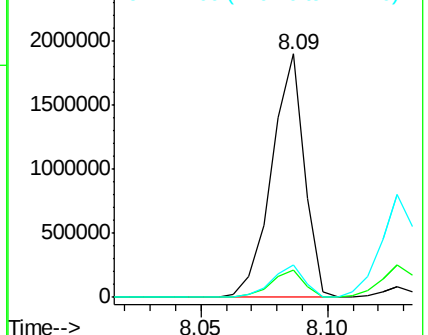
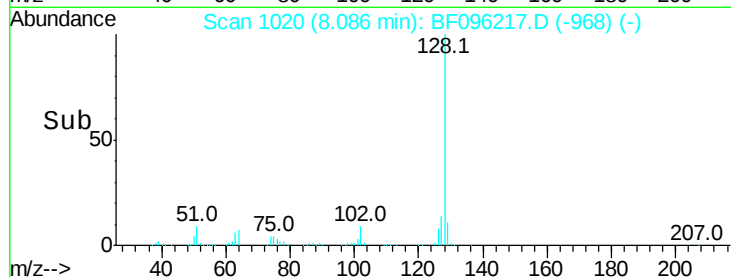


Abundance

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: 42.15 ng

RT: 7.83 min Scan# 977

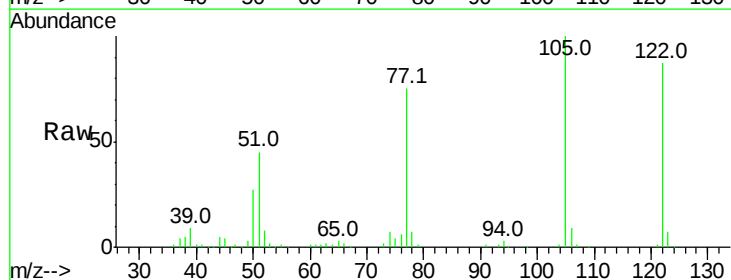
Delta R.T. -0.05 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Tgt Ion:122 Resp: 394326

Ion	Ratio	Lower	Upper
122	100		
105	115.0	103.3	143.3
77	85.7	73.7	113.7

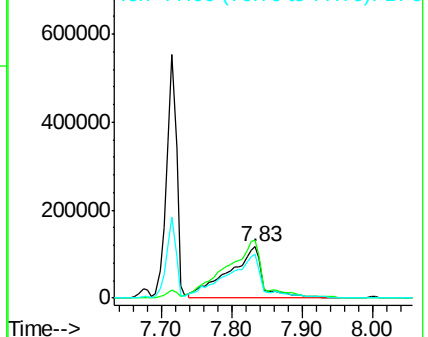
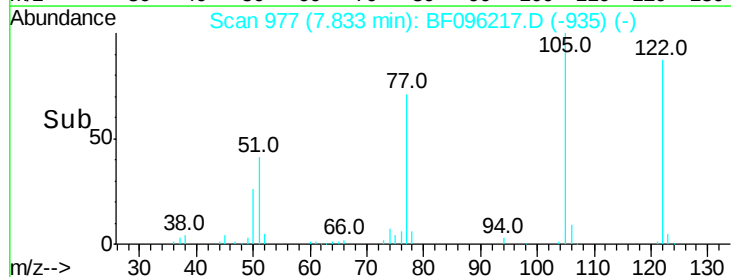


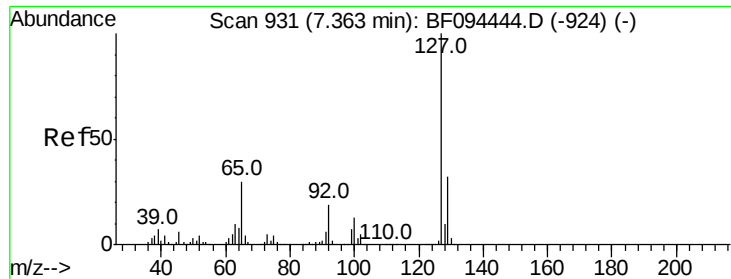
Abundance

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

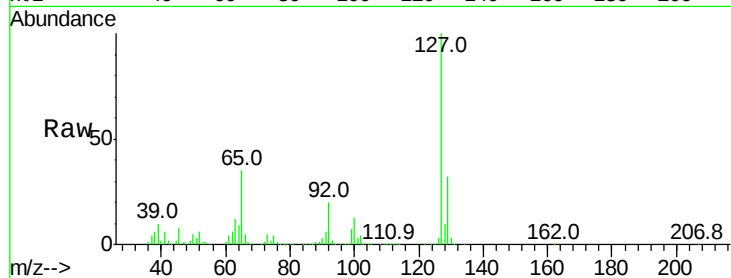




#33
4-Chloroaniline
Concen: 39.76 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	34.9	27.8	41.8
92	19.7	16.8	25.2



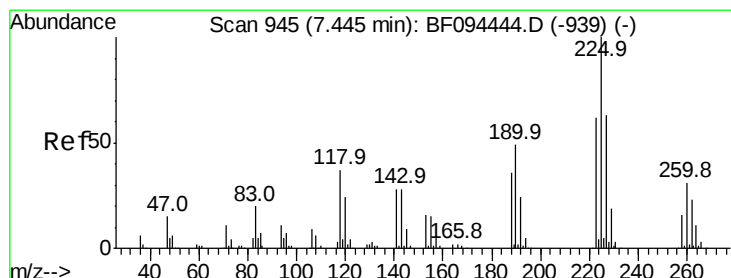
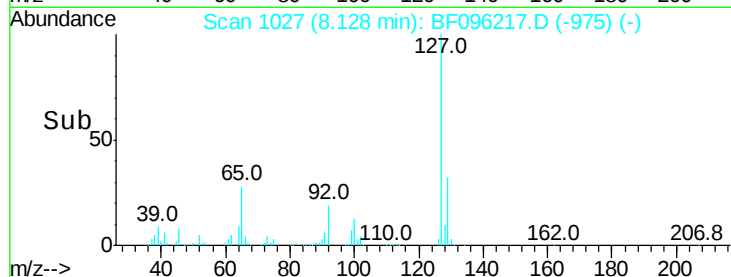
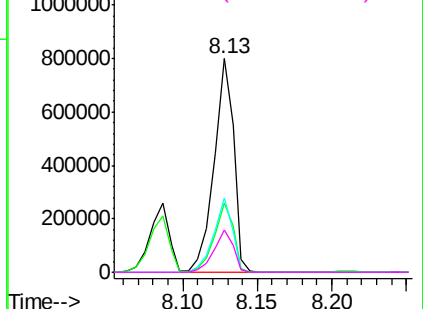
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

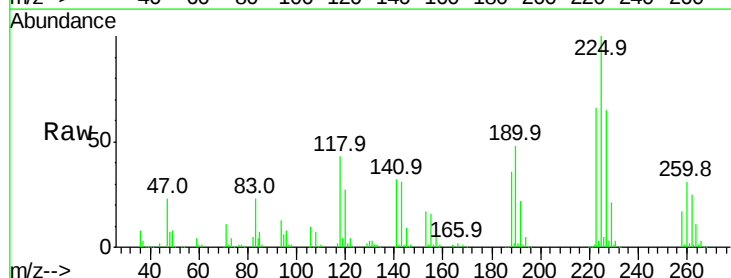
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 38.78 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	48.8	73.2
227	64.9	51.1	76.7

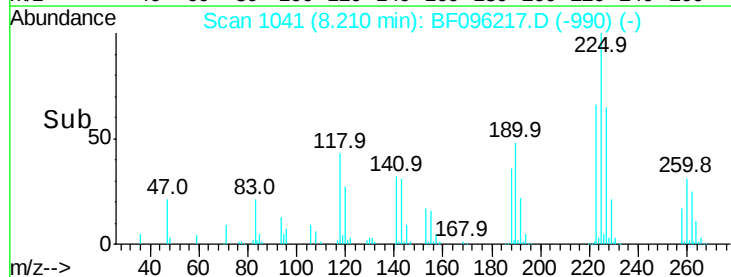
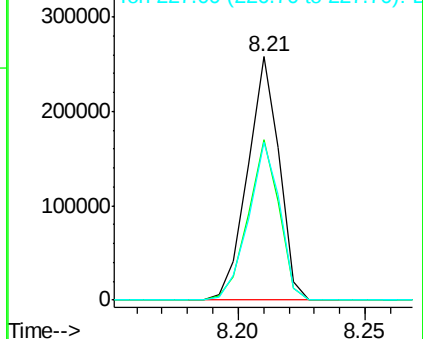


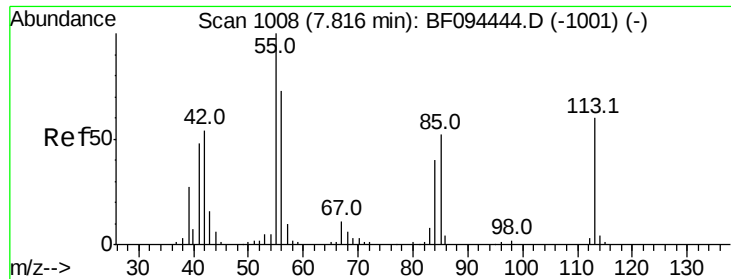
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

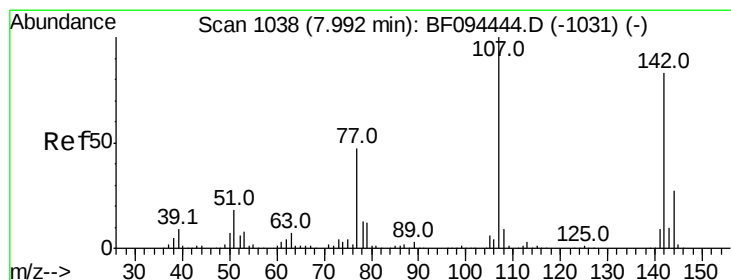
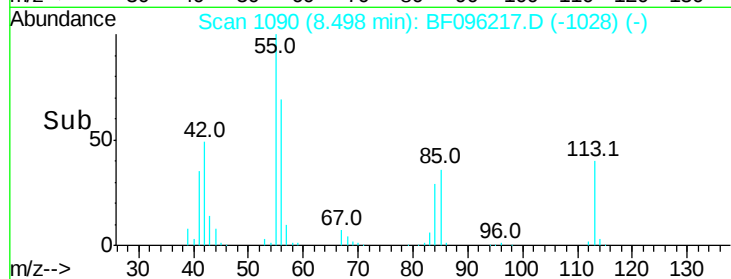
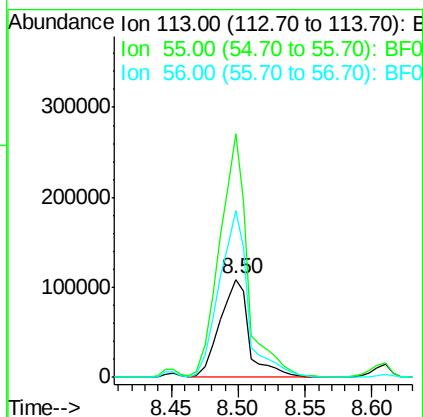
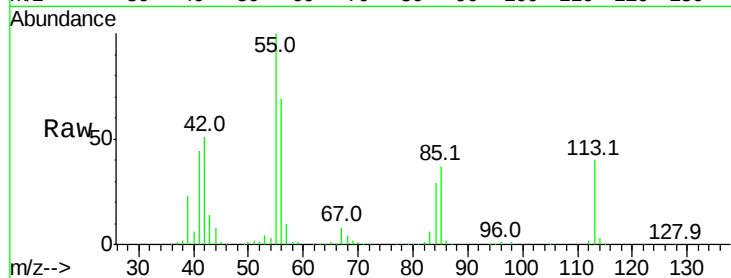




#35
 Caprolactam
 Concen: 42.00 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.06 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

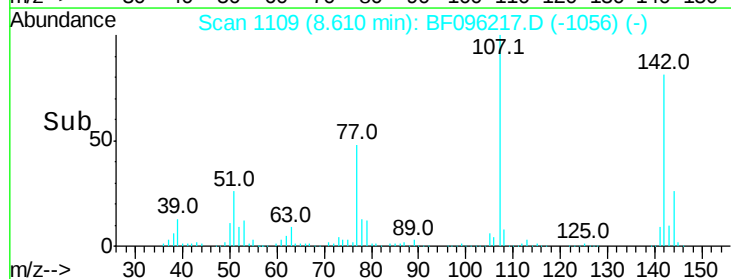
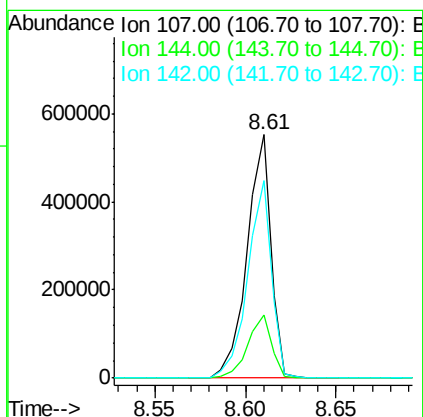
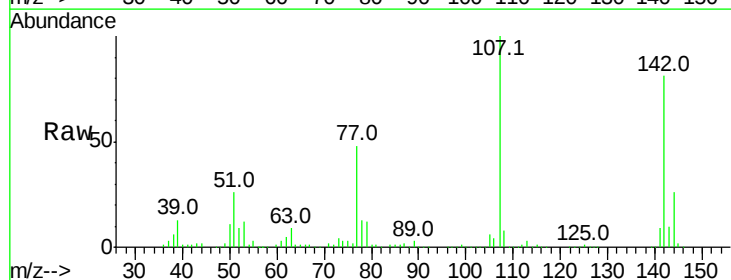
Instrument :
 BNA_F
 ClientSampleId :

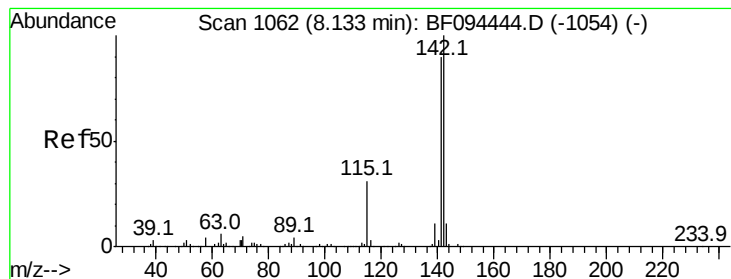
Tot Ion:113 Resp: 168905
 Ion Ratio Lower Upper
 113 100
 55 248.9 150.2 190.2#
 56 171.1 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.02 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion:107 Resp: 506792
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 81.4 73.4 110.0





#37

2-Methylnaphthalene

Concen: 38.44 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

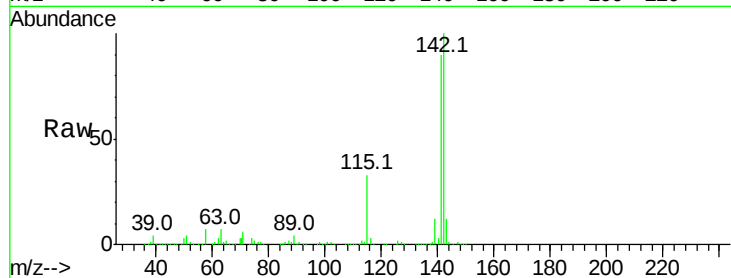
Tot Ion:142 Resp: 1107995

Ion Ratio Lower Upper

142 100

141 90.4 71.3 106.9

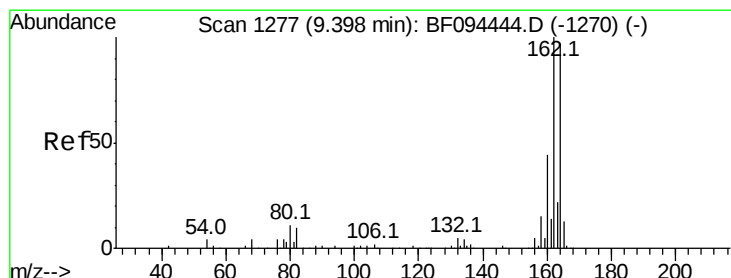
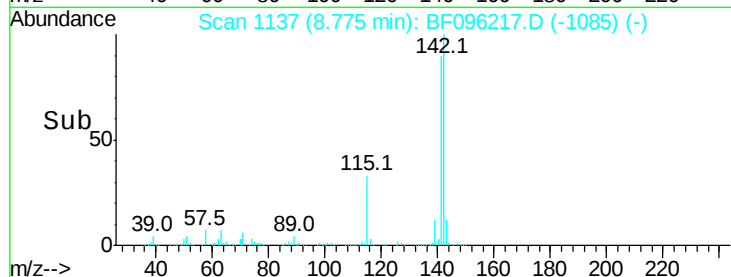
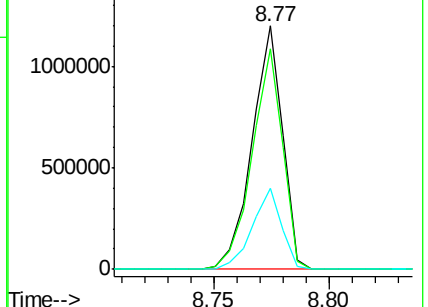
115 33.4 27.1 40.7



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: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

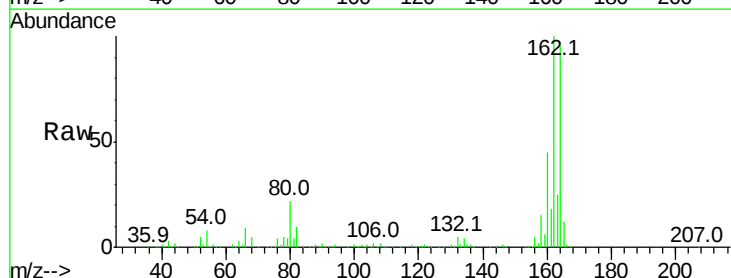
Tgt Ion:164 Resp: 389301

Ion Ratio Lower Upper

164 100

162 104.8 82.6 123.8

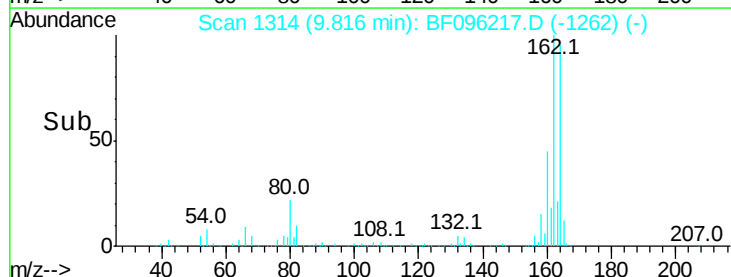
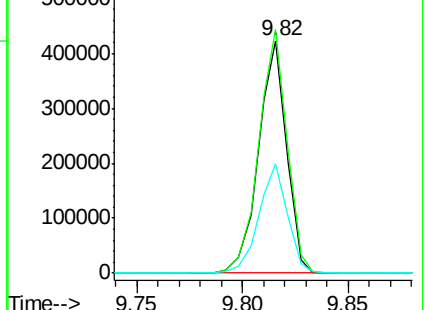
160 47.2 36.2 54.2

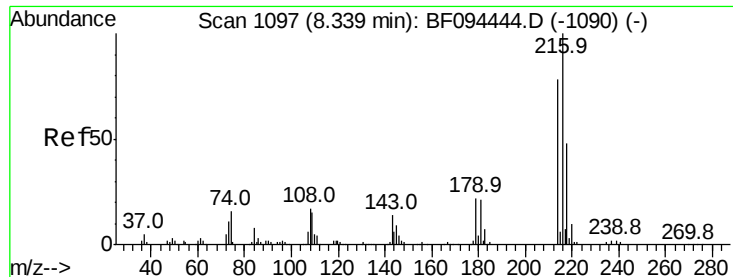


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.02 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 358286

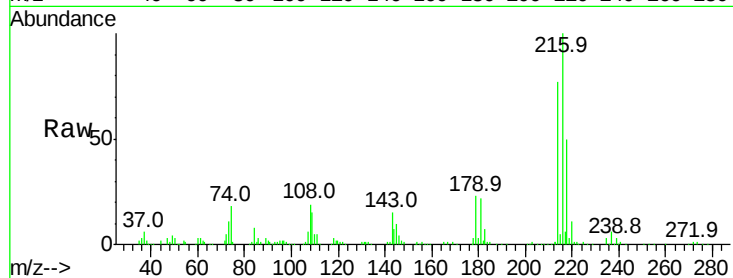
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 23.5 17.9 26.9

108 23.7 16.5 24.7

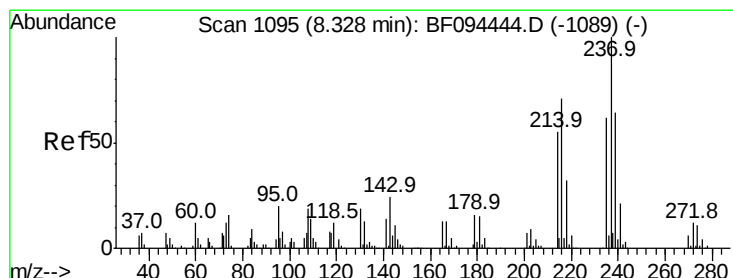
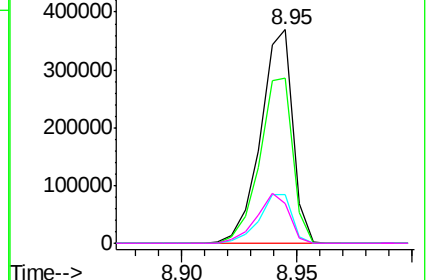
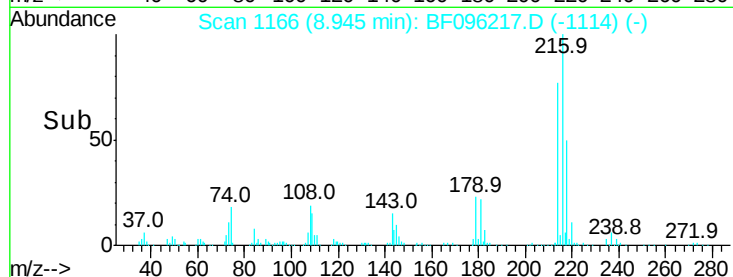


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.60 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

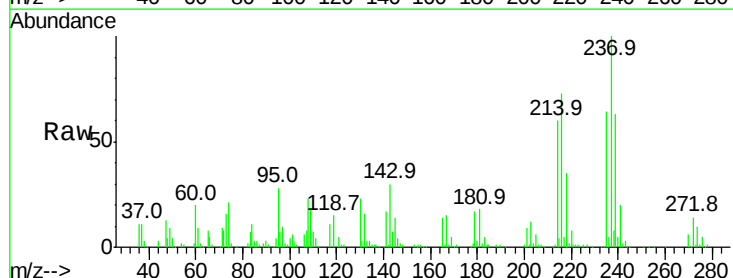
Tgt Ion:237 Resp: 184186

Ion Ratio Lower Upper

237 100

235 64.0 42.6 82.6

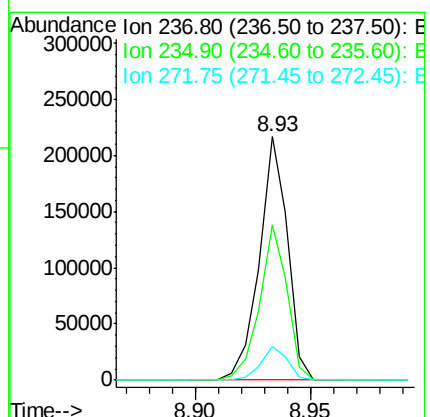
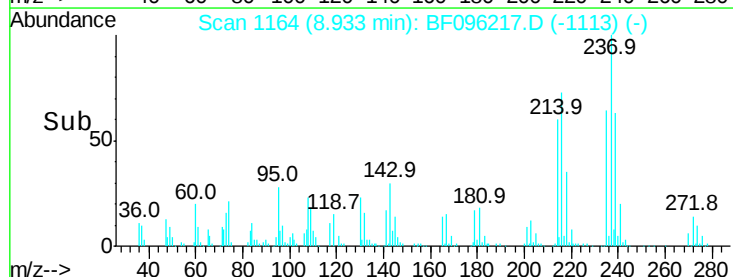
272 13.7 0.0 31.9

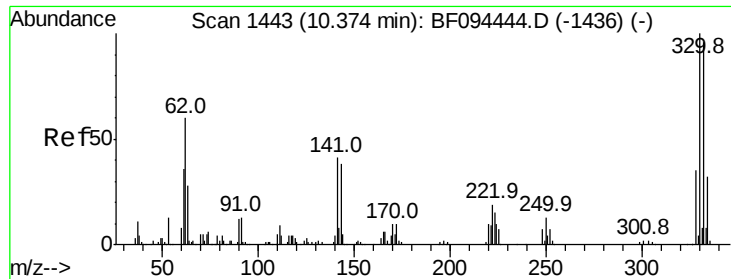


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

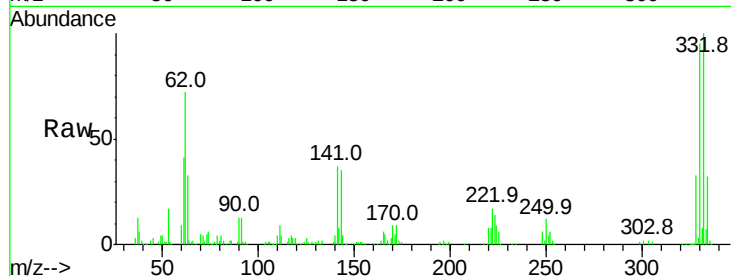




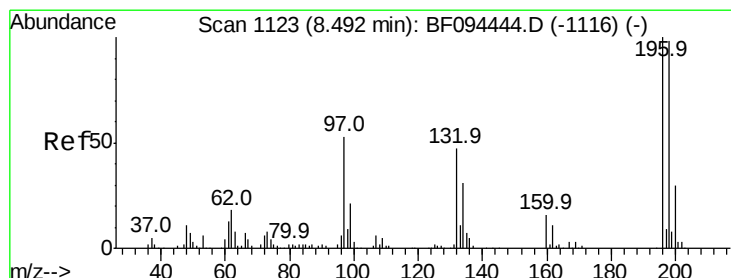
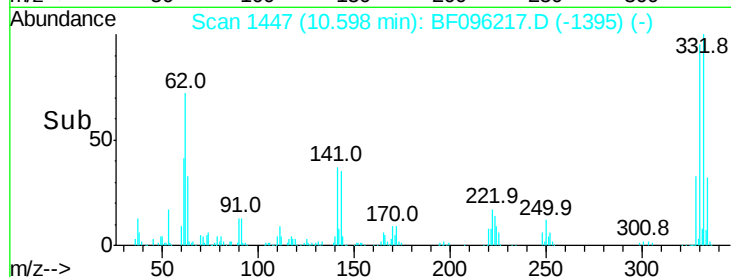
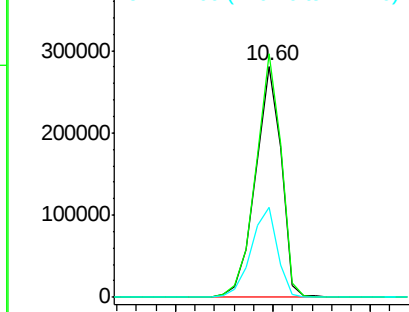
#41
 2,4,6-Tribromophenol
 Concen: 83.84 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.8	76.6	115.0
141	40.0	31.4	47.2

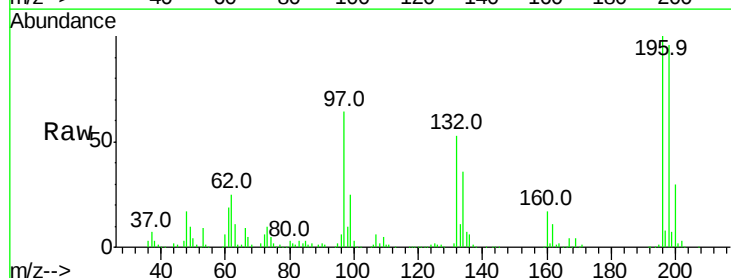


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

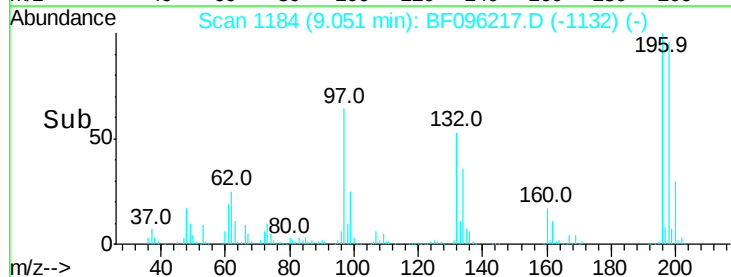
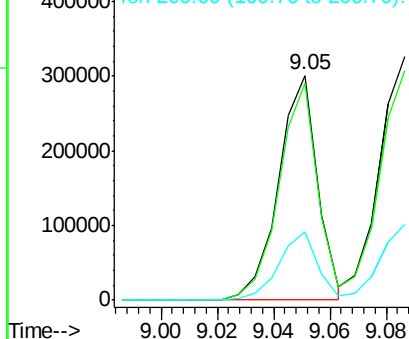


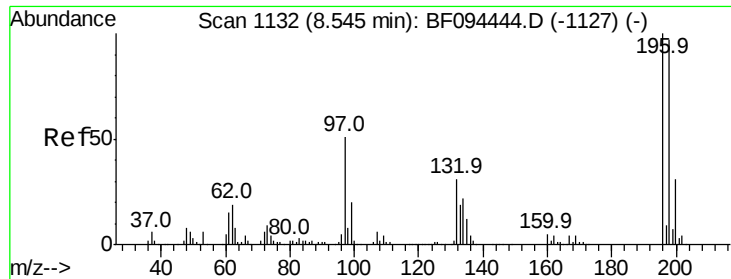
#42
 2,4,6-Trichlorophenol
 Concen: 40.56 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.2	111.4
200	30.3	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

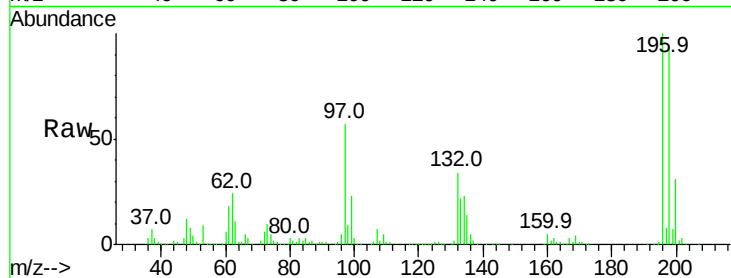




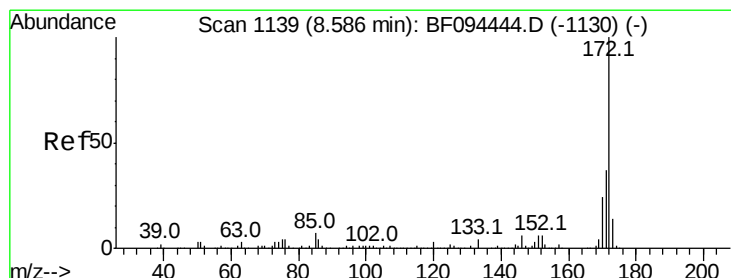
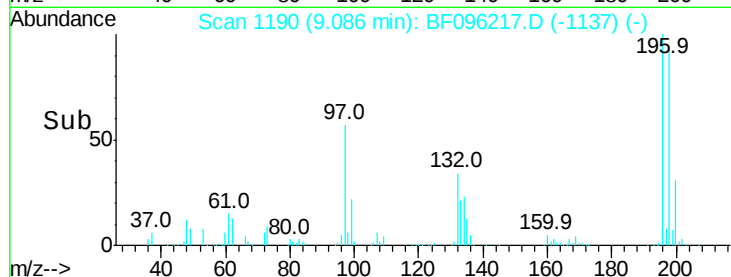
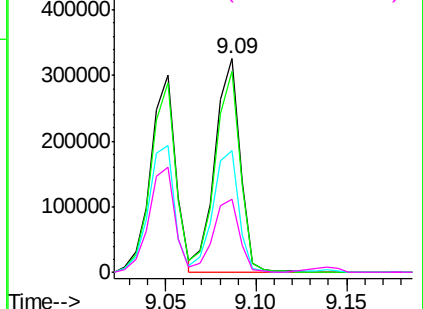
#43
 2,4,5-Trichlorophenol
 Concen: 41.75 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	312600
Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	56.9	47.7	71.5
132	33.9	28.0	42.0

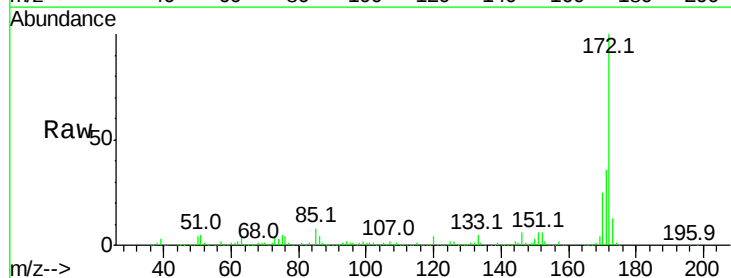


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

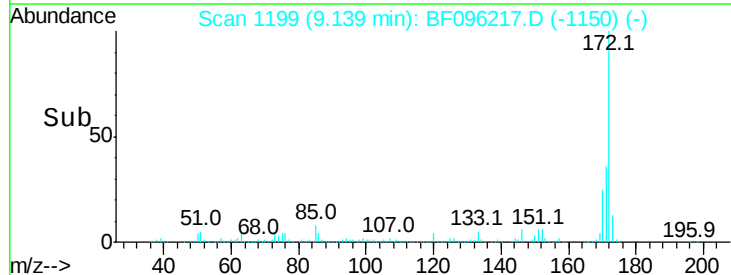
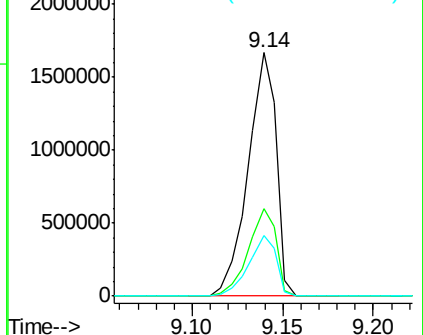


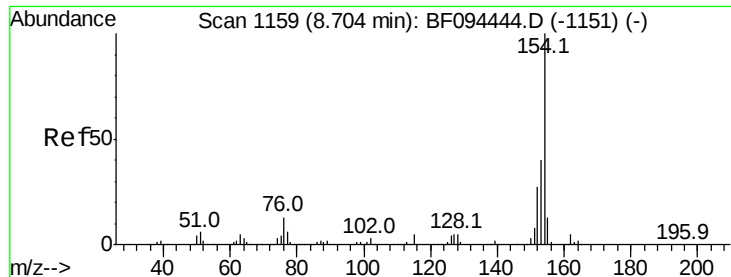
#44
 2-Fluorobiphenyl
 Concen: 84.71 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion:	172	Resp:	1800768
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.9	19.8	29.8



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

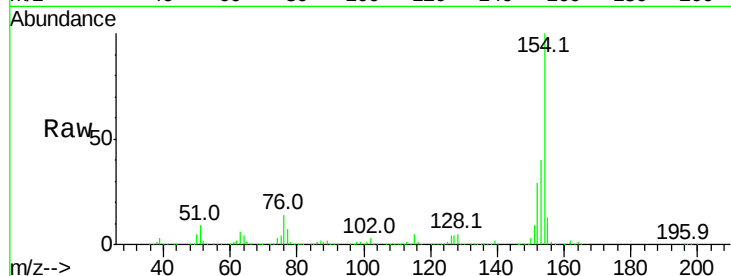




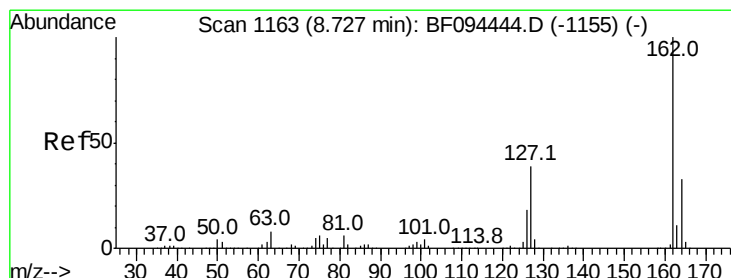
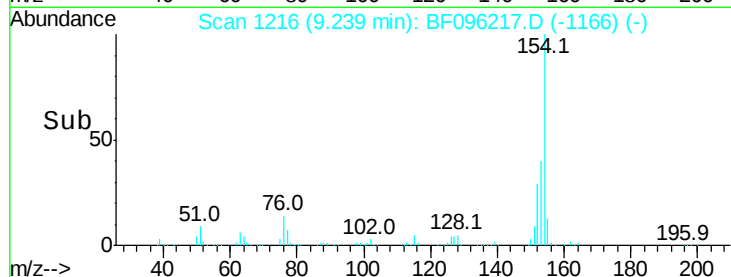
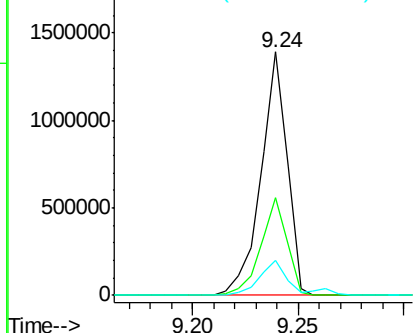
#45
1,1'-Biphenyl
Concen: 40.12 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1198342
Ion Ratio Lower Upper
154 100
153 40.1 21.2 61.2
76 14.2 0.0 29.9

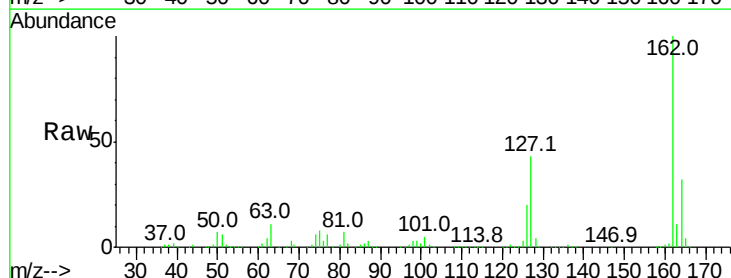


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO

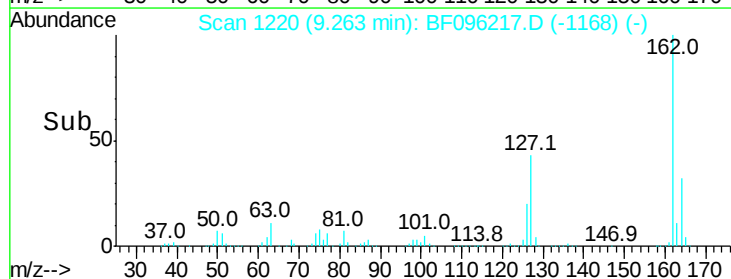
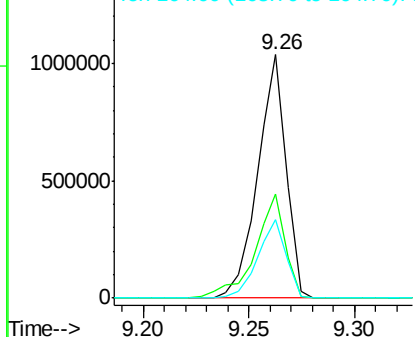


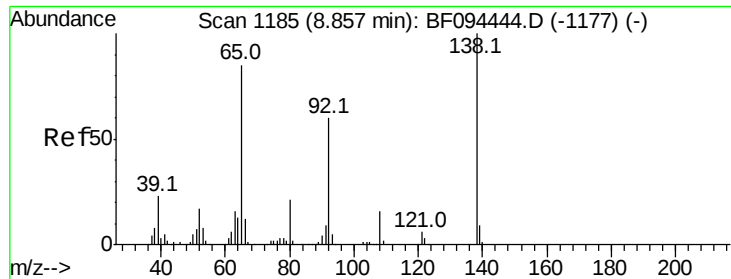
#46
2-Chloronaphthalene
Concen: 38.96 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:162 Resp: 965406
Ion Ratio Lower Upper
162 100
127 42.5 28.3 42.5#
164 32.1 27.0 40.4



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

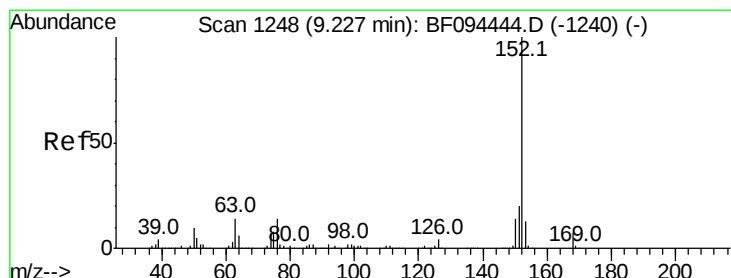
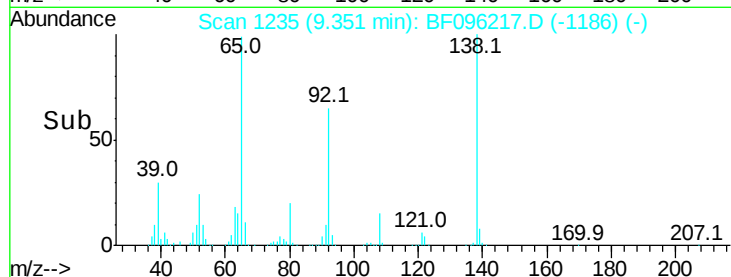
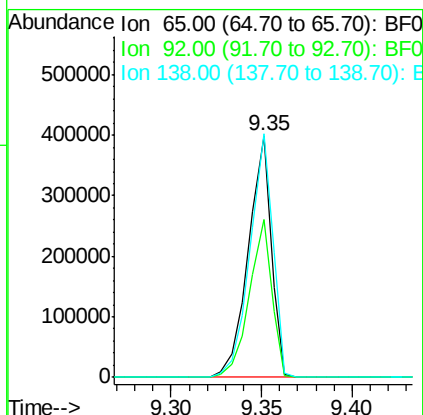
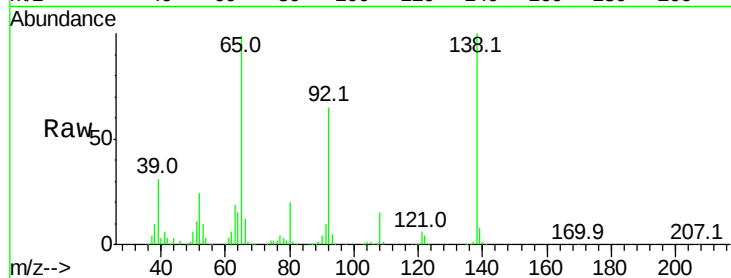




#47
2-Nitroaniline
Concen: 45.02 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

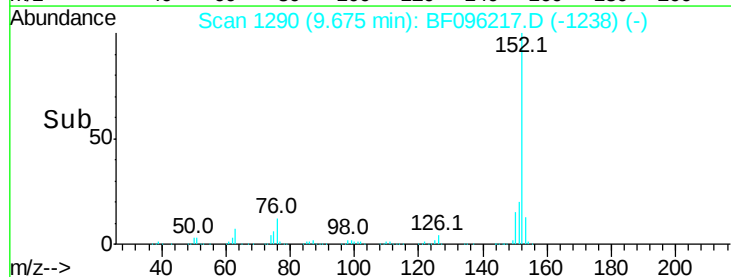
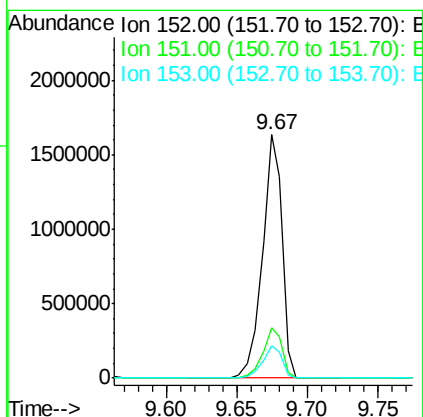
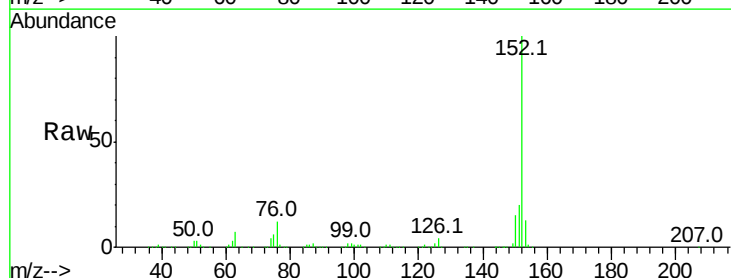
Instrument :
BNA_F
ClientSampleId :

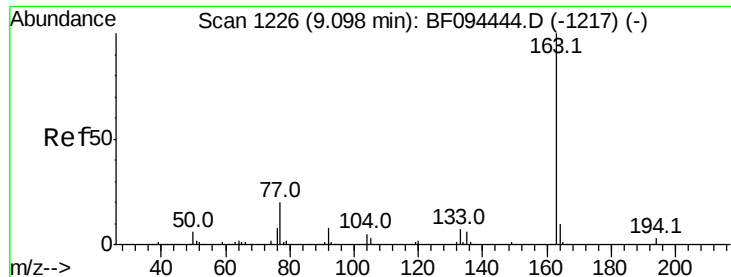
Tot Ion: 65 Resp: 352275
Ion Ratio Lower Upper
65 100
92 65.3 53.9 80.9
138 100.8 78.8 118.2



#48
Acenaphthylene
Concen: 39.05 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:152 Resp: 1605412
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.5 10.8 16.2

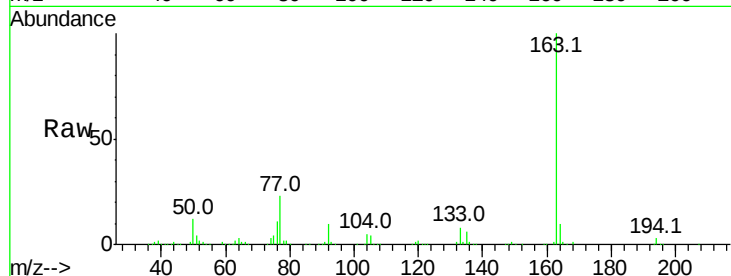




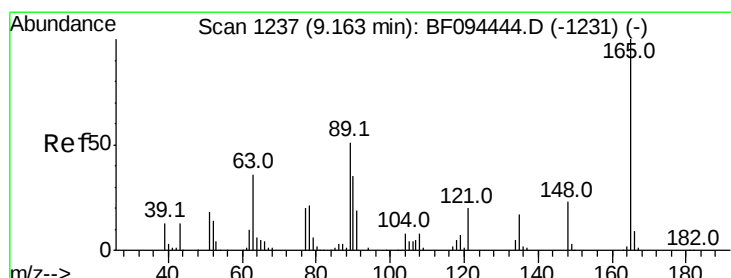
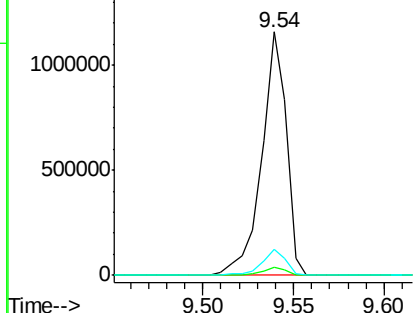
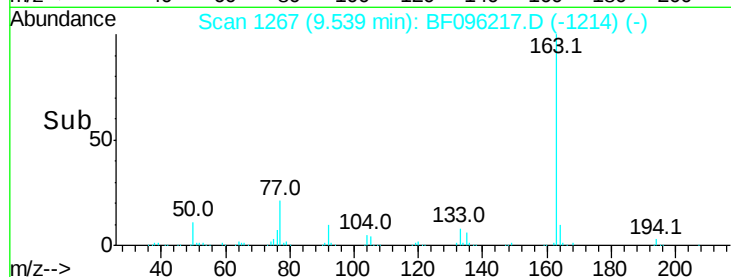
#49
Dimethylphthalate
Concen: 39.38 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1097172
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.4 12.6

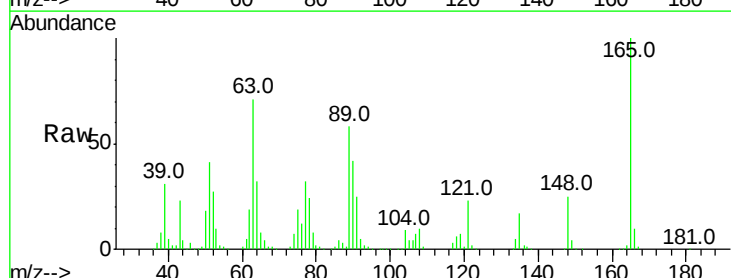


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

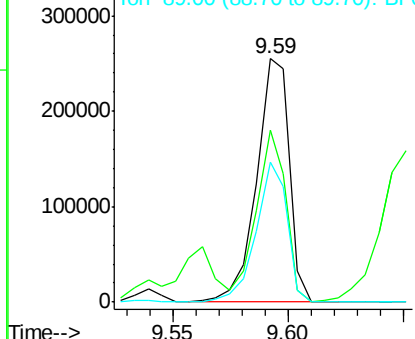
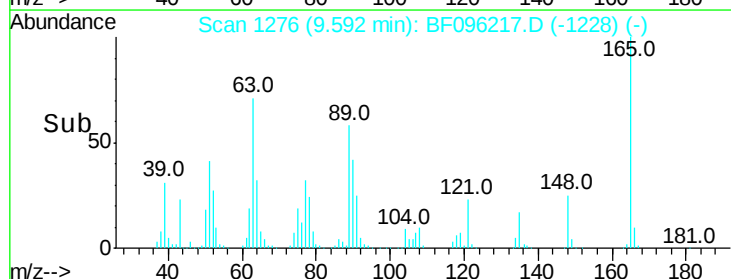


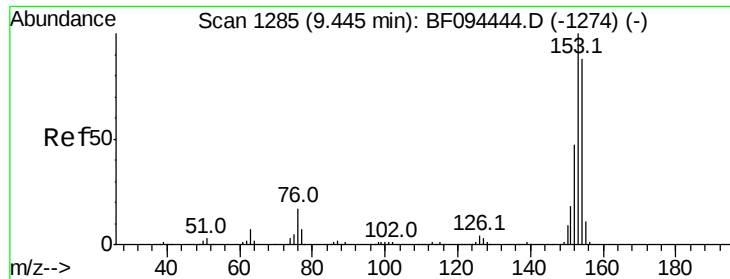
#50
2,6-Dinitrotoluene
Concen: 43.44 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:165 Resp: 251728
Ion Ratio Lower Upper
165 100
63 70.6 34.3 51.5#
89 57.6 37.1 55.7#



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





#51

Acenaphthene

Concen: 38.76 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

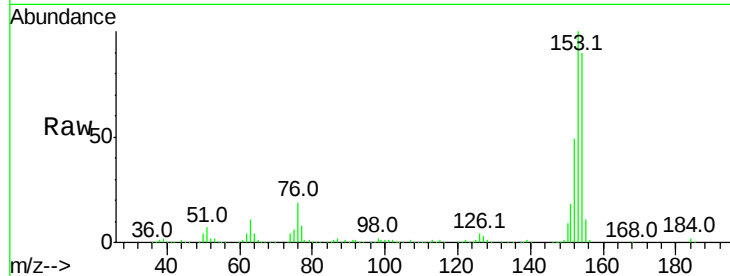
Tot Ion:154 Resp: 937948

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

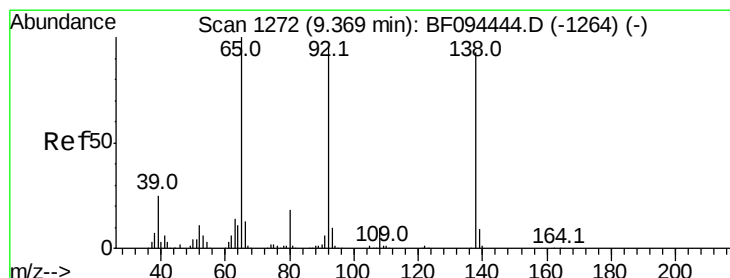
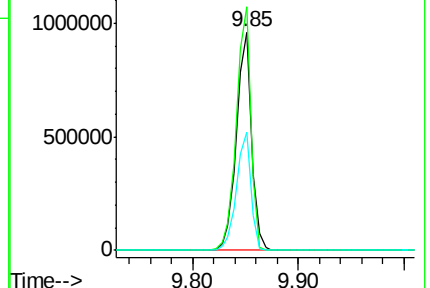
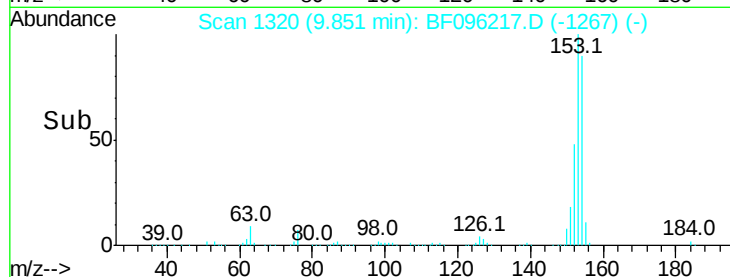
152 54.2 43.6 65.4



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: 42.97 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

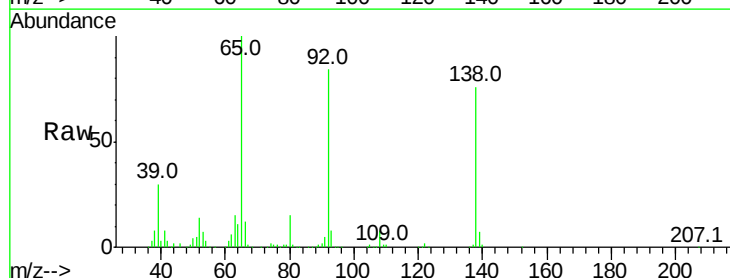
Tgt Ion:138 Resp: 318960

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

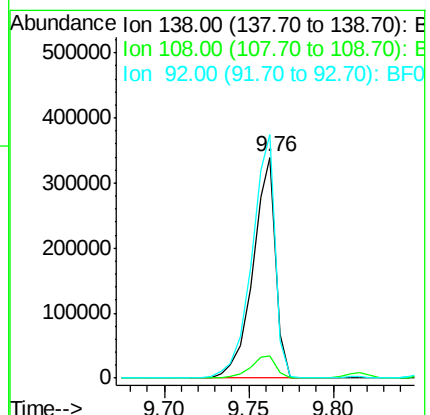
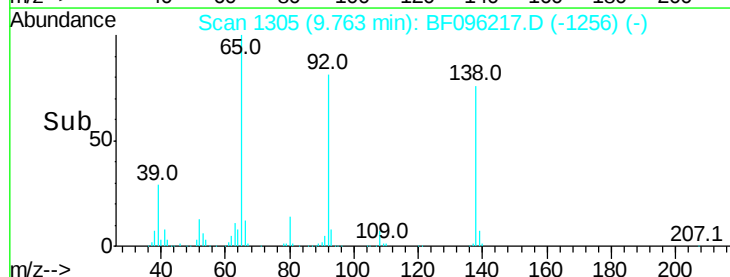
92 110.2 93.8 140.6

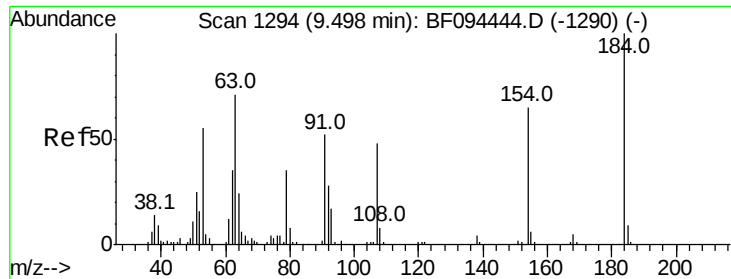


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

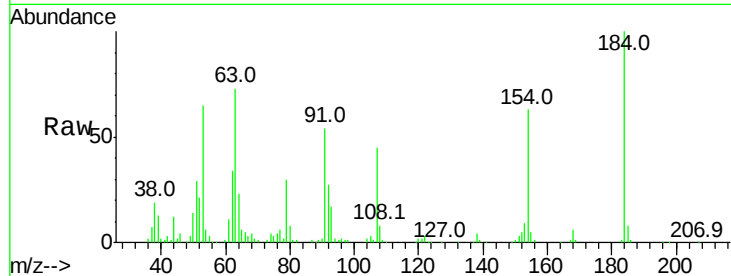




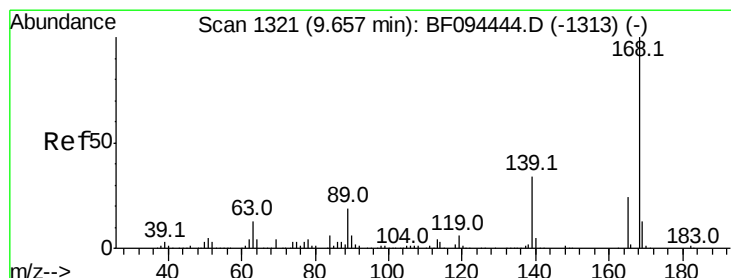
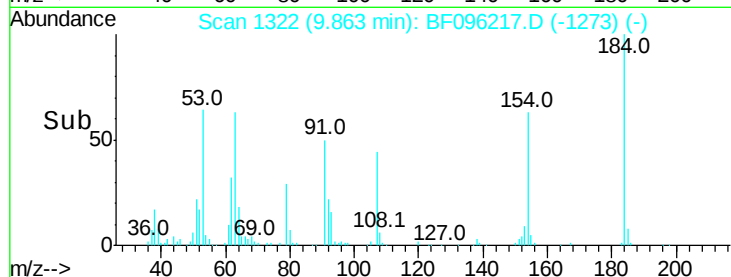
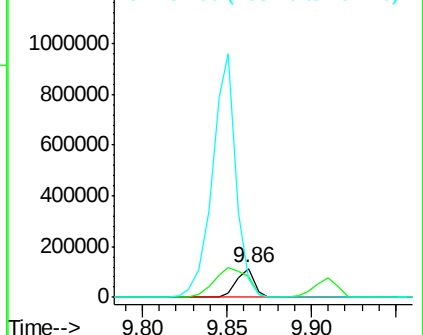
#53
 2,4-Dinitrophenol
 Concen: 45.04 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 87116
 Ion Ratio Lower Upper
 184 100
 63 73.5 62.7 94.1
 154 63.1 81.1 121.7#

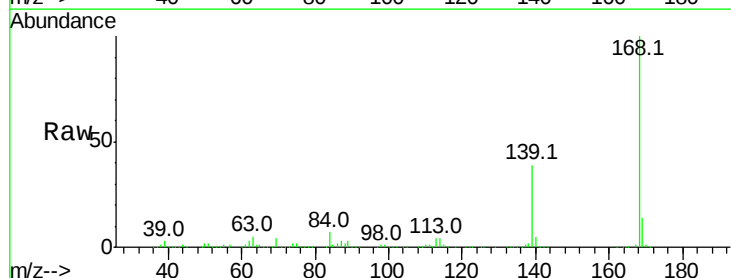


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

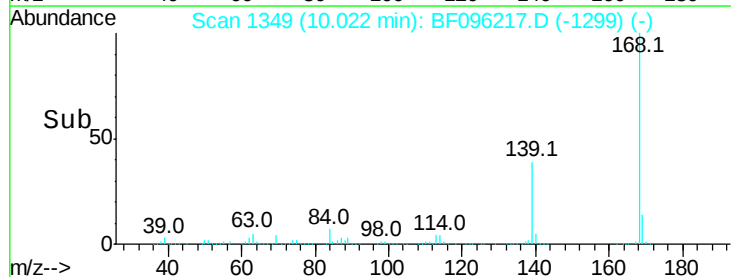
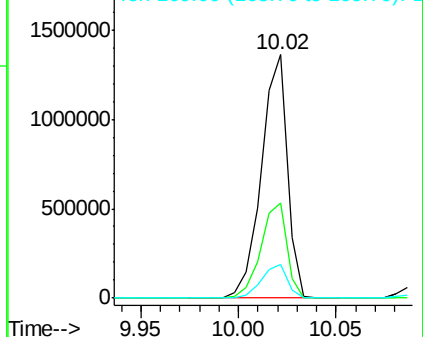


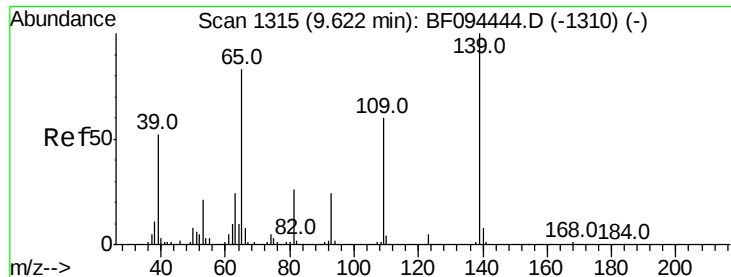
#54
 Dibenzofuran
 Concen: 39.70 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion:168 Resp: 1254306
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 13.6 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: 43.61 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

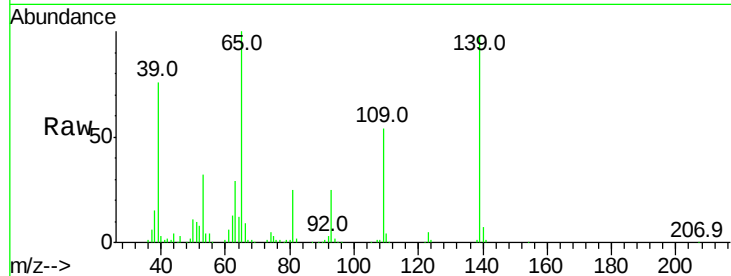
Tot Ion:139 Resp: 261701

Ion Ratio Lower Upper

139 100

109 55.3 34.1 74.1

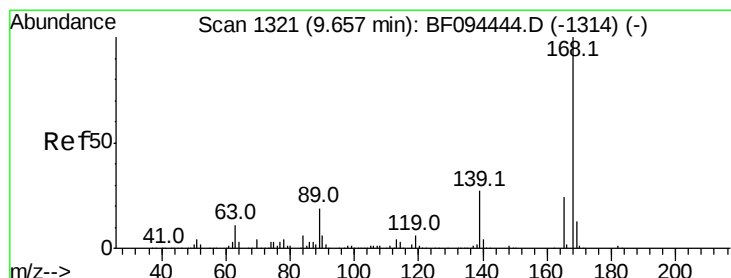
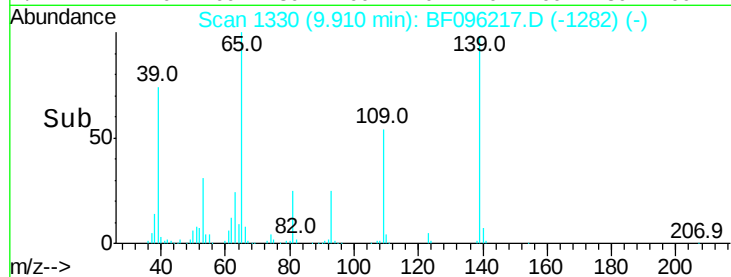
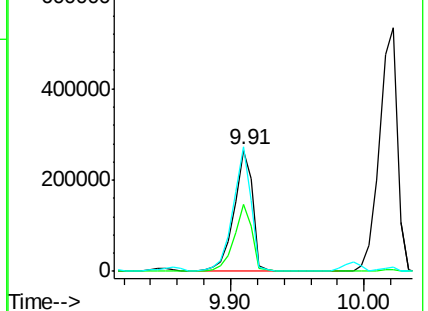
65 102.5 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.47 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Tgt Ion:165 Resp: 324793

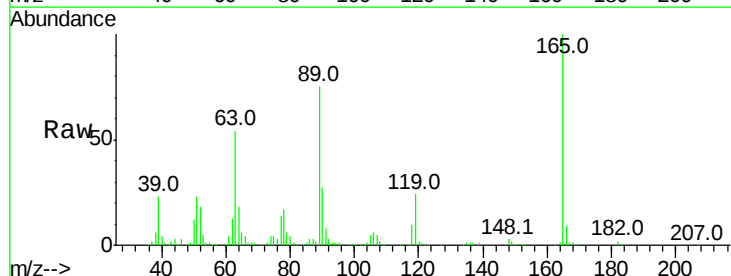
Ion Ratio Lower Upper

165 100

63 54.1 25.4 38.0#

89 75.2 46.4 69.6#

182 2.0 1.8 2.6

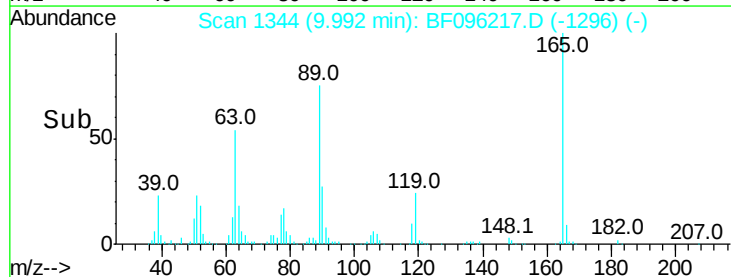
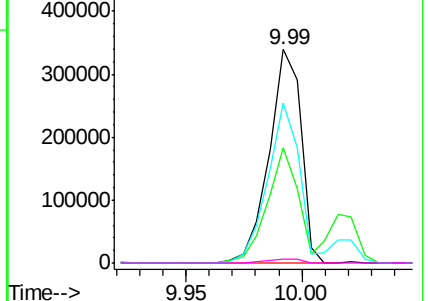


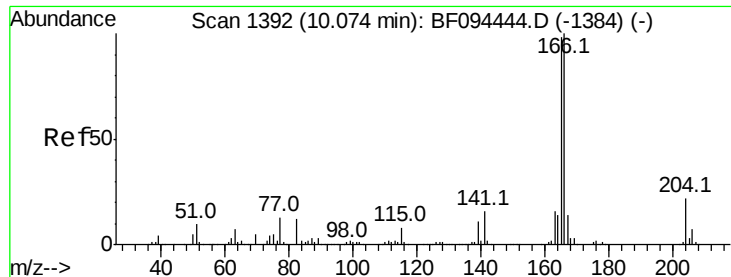
Abundance Ion 165.00 (164.70 to 165.70): E

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

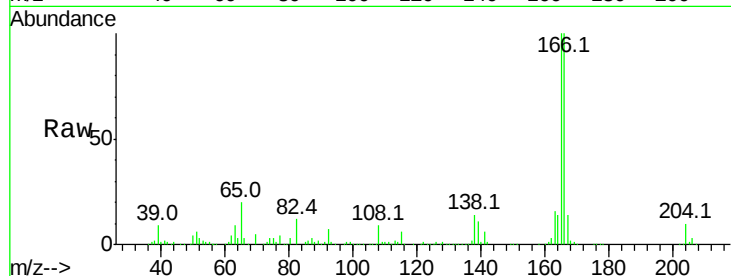




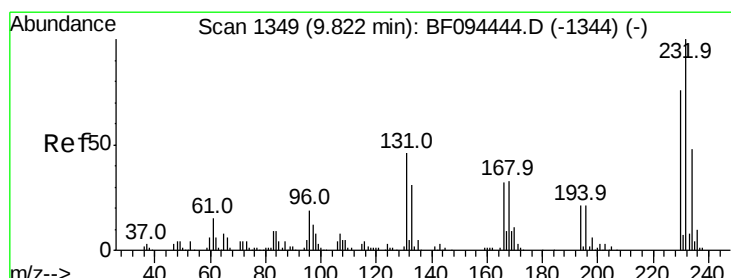
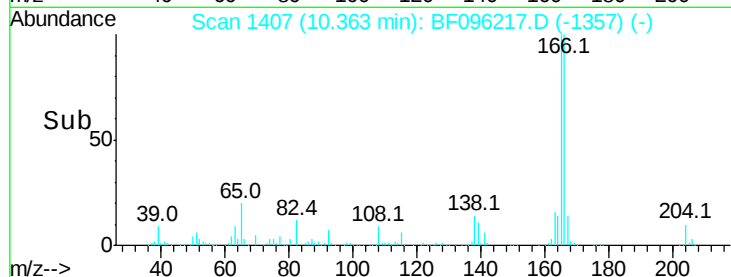
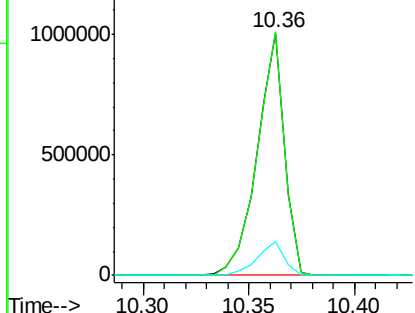
#57
 Fluorene
 Concen: 41.45 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 901813
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.8 118.2
 167 13.7 10.6 16.0



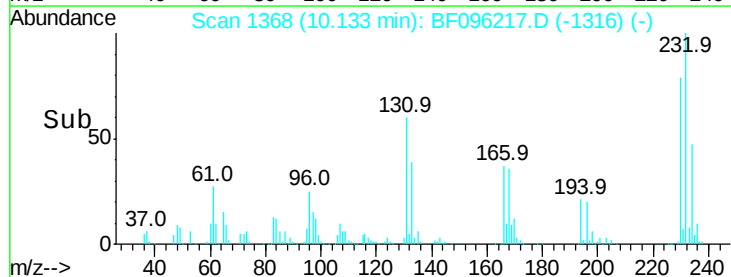
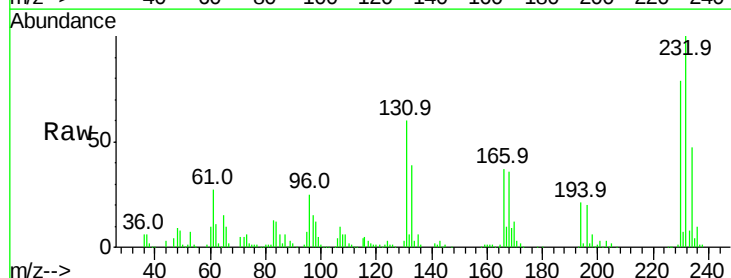
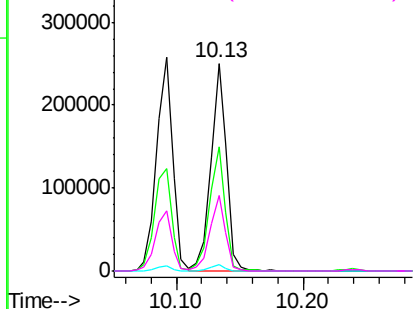
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

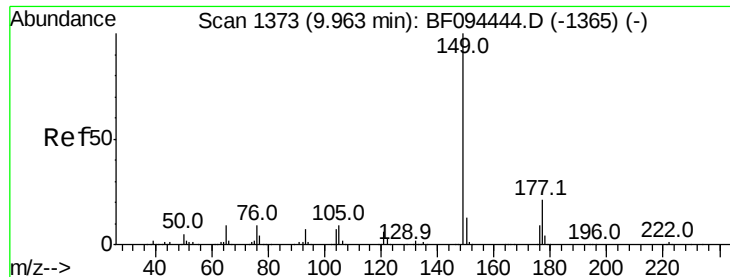


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.90 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion:232 Resp: 219173
 Ion Ratio Lower Upper
 232 100
 131 59.7 44.8 67.2
 130 2.8 2.3 3.5
 166 35.8 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

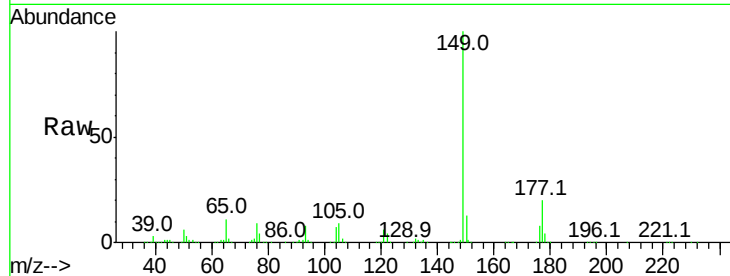




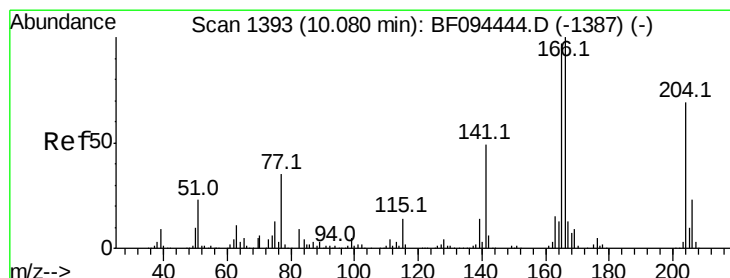
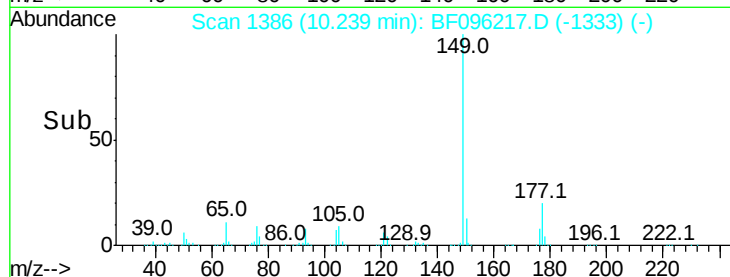
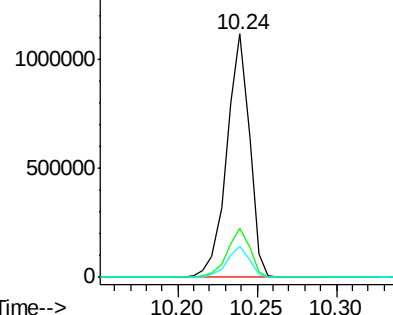
#59
Diethylphthalate
Concen: 39.34 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1100510
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.6 10.2 15.2

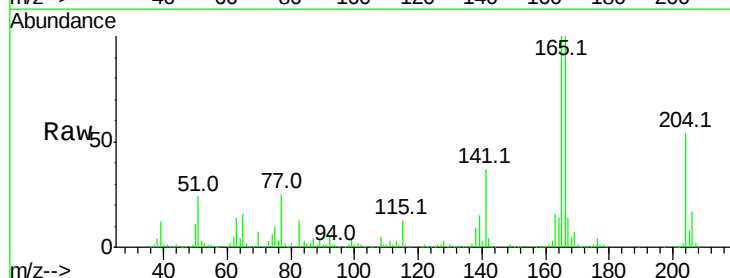


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

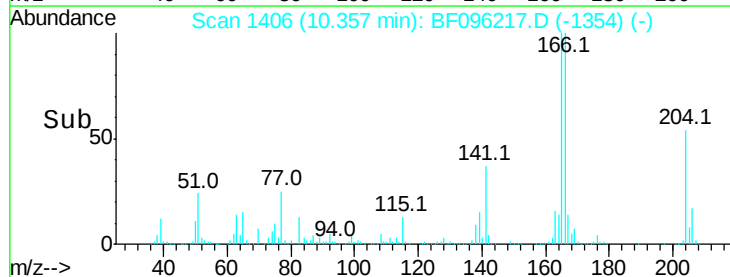
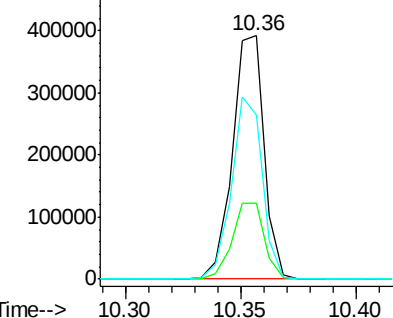


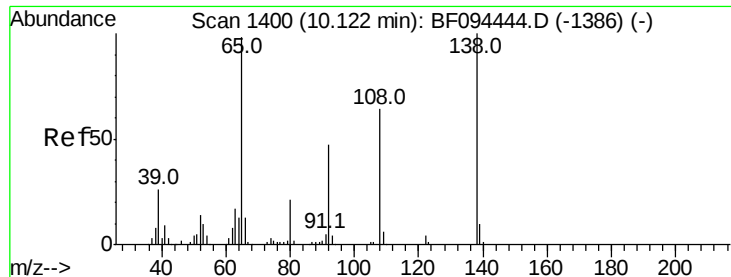
#60
4-Chlorophenyl-phenylether
Concen: 42.89 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:204 Resp: 376019
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.2
141 67.2 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

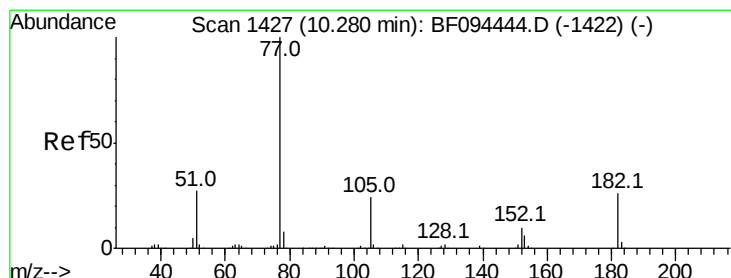
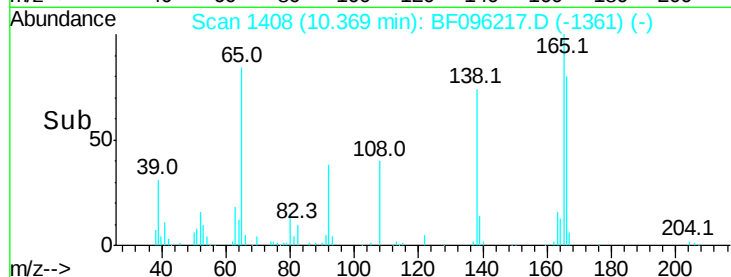
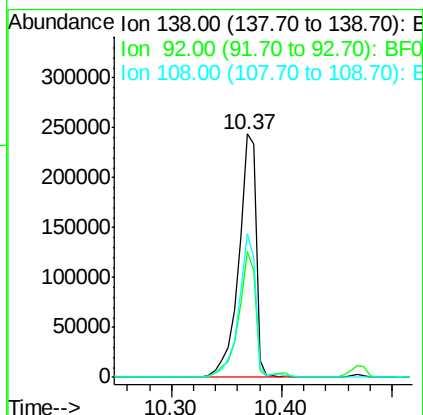
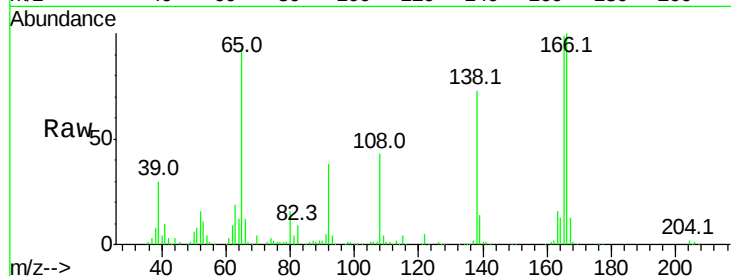




#61
4-Nitroaniline
Concen: 42.04 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

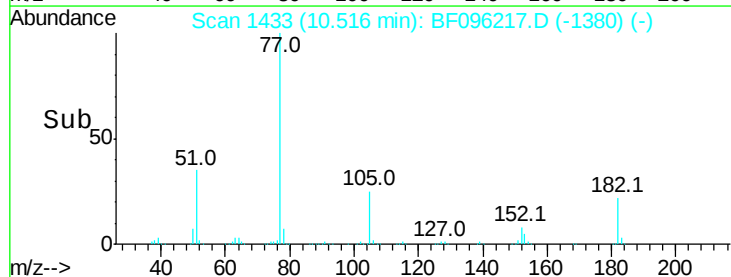
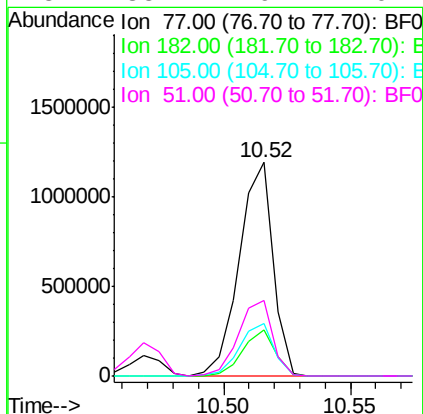
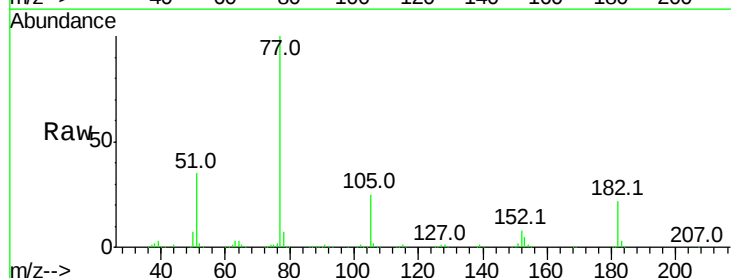
Instrument :
BNA_F
ClientSampleId :

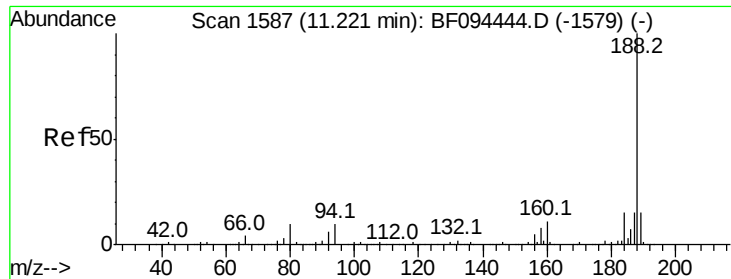
Tot Ion:138 Resp: 271438
Ion Ratio Lower Upper
138 100
92 51.6 21.8 61.8
108 59.0 42.3 82.3



#62
Azobenzene
Concen: 39.35 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion: 77 Resp: 1110192
Ion Ratio Lower Upper
77 100
182 21.7 0.1 40.1
105 24.9 3.6 43.6
51 35.1 9.4 49.4

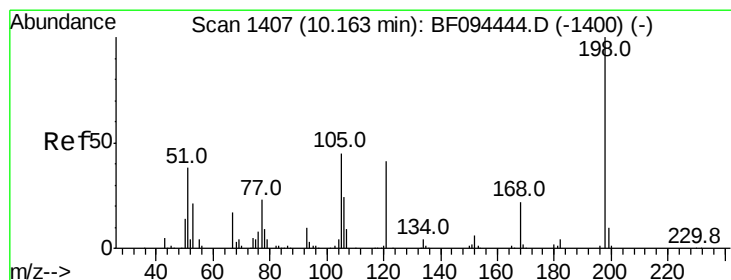
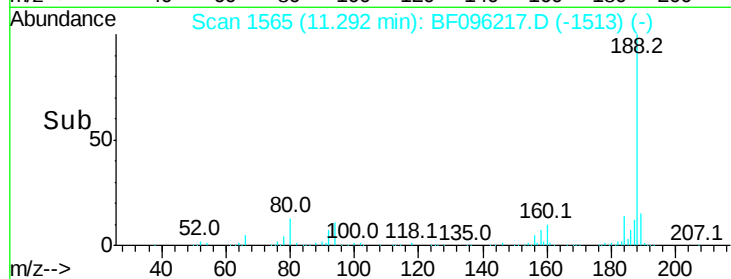
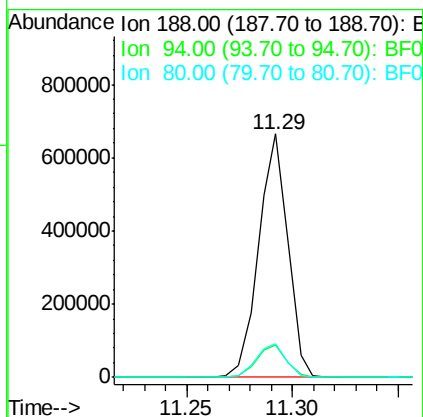
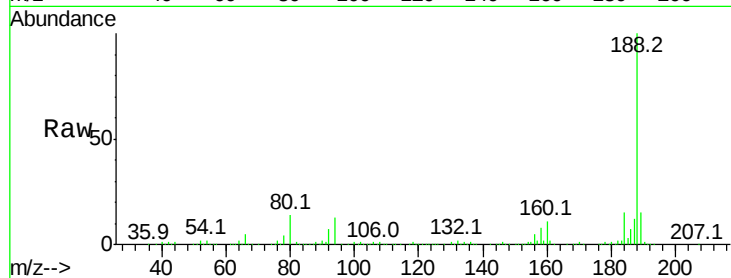




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

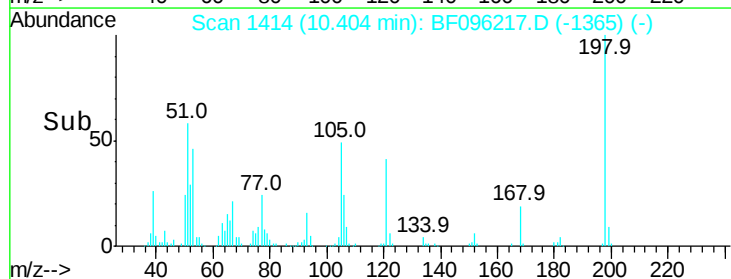
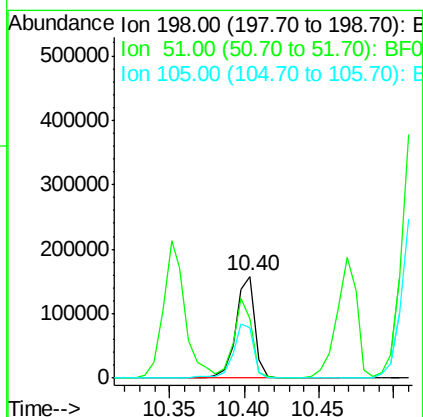
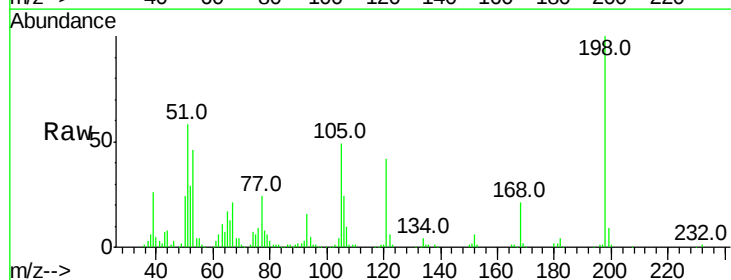
Instrument :
 BNA_F
 ClientSampleId :

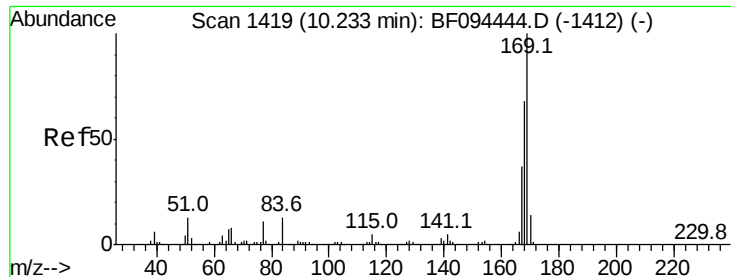
Tot Ion:188 Resp: 638094
 Ion Ratio Lower Upper
 188 100
 94 13.4 9.4 14.2
 80 13.7 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.03 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion:198 Resp: 140361
 Ion Ratio Lower Upper
 198 100
 51 58.2 53.2 93.2
 105 49.2 45.8 85.8

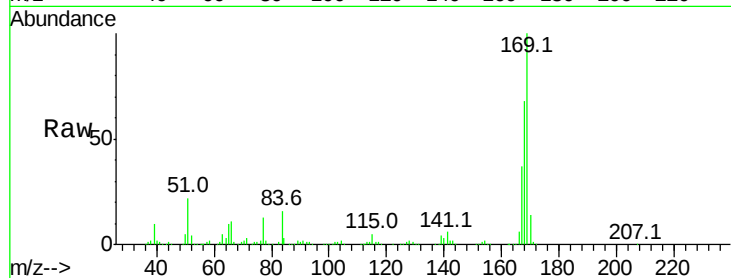




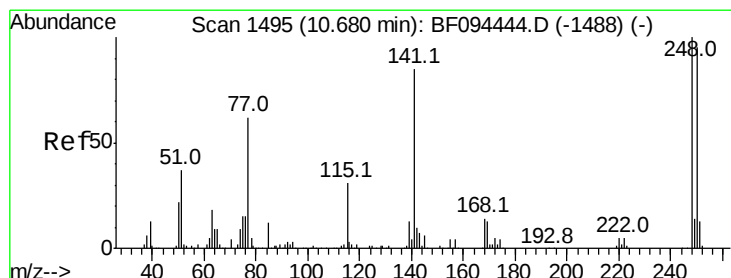
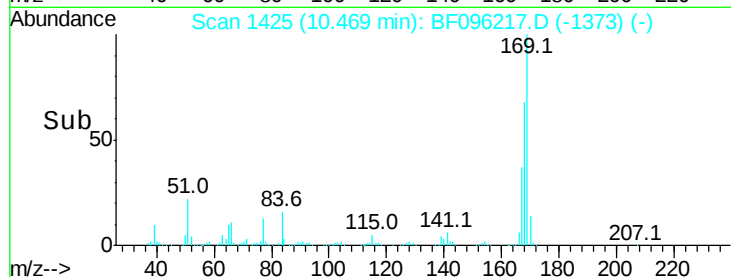
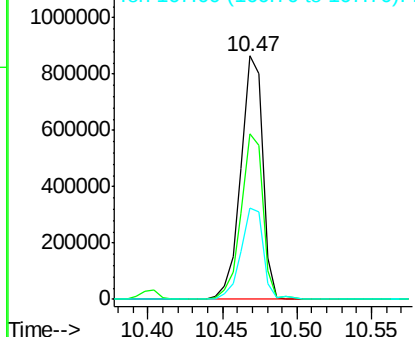
#65
n-Nitrosodiphenylamine
Concen: 38.45 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 882416
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 37.4 29.5 44.3

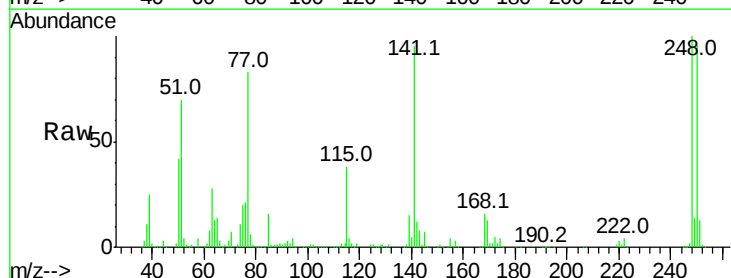


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

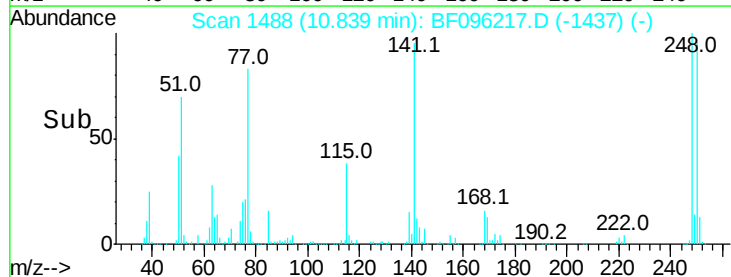
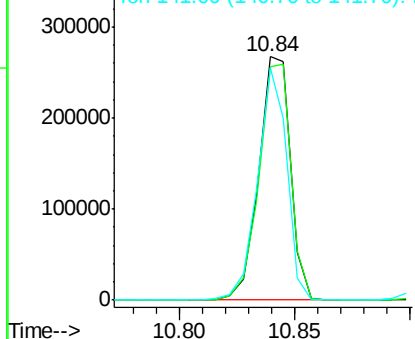


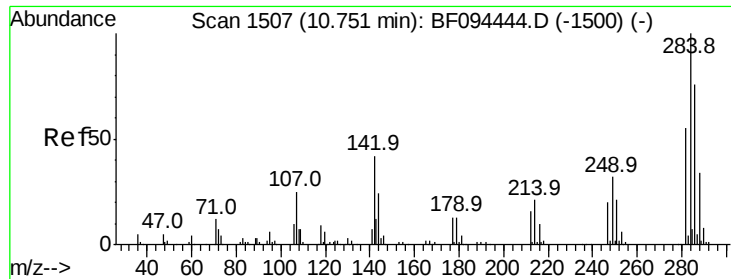
#66
4-Bromophenyl-phenylether
Concen: 38.97 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:248 Resp: 255906
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 95.4 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 39.97 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

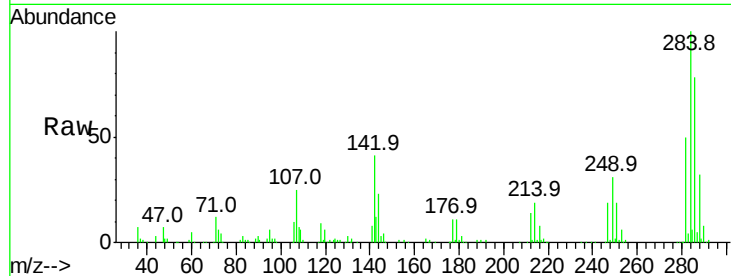
Tot Ion:284 Resp: 269813

Ion Ratio Lower Upper

284 100

142 40.7 22.8 34.2#

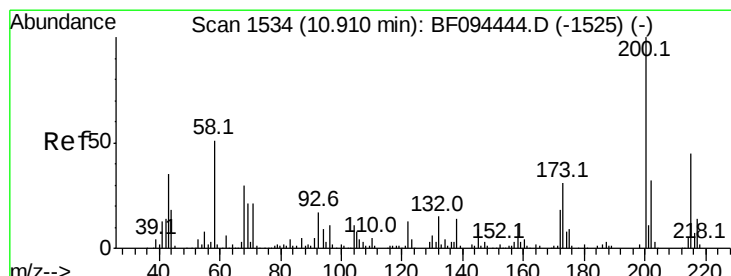
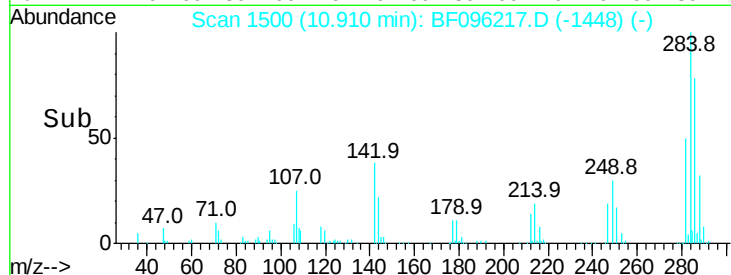
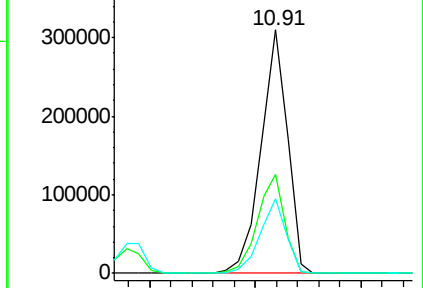
249 30.5 24.0 36.0



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: 39.96 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

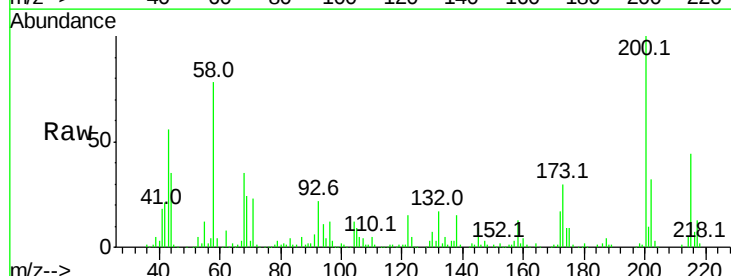
Tgt Ion:200 Resp: 241935

Ion Ratio Lower Upper

200 100

173 29.9 6.3 46.3

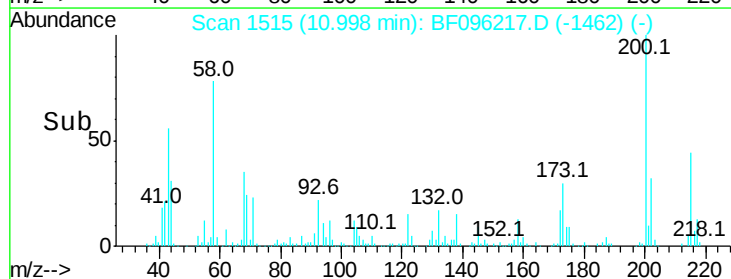
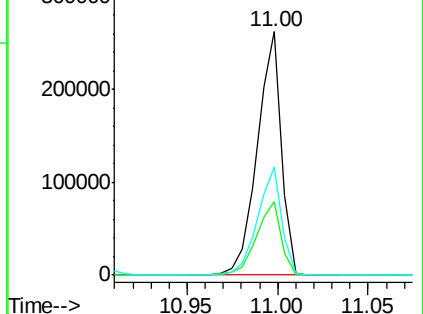
215 44.3 27.2 67.2

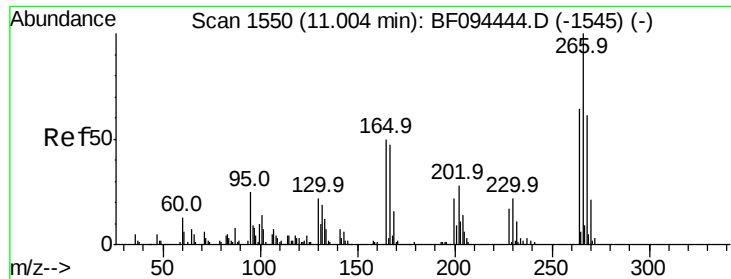


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

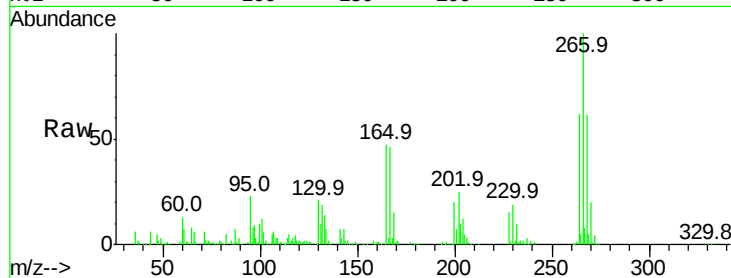




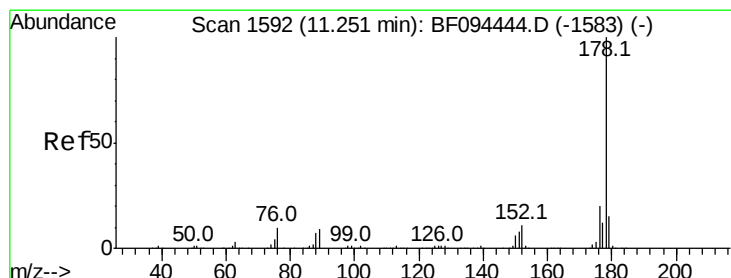
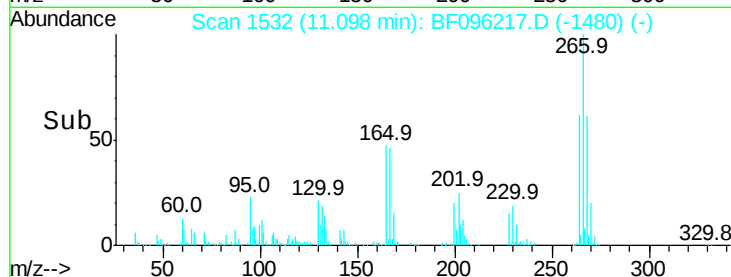
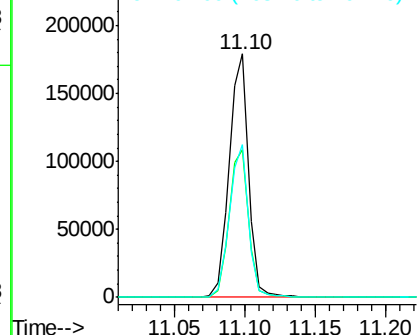
#69
 Pentachlorophenol
 Concen: 44.36 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	62.5	51.7	77.5

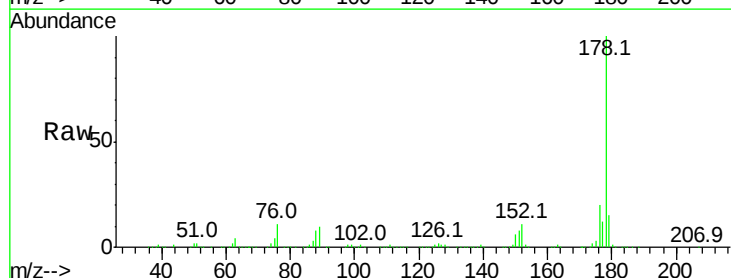


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

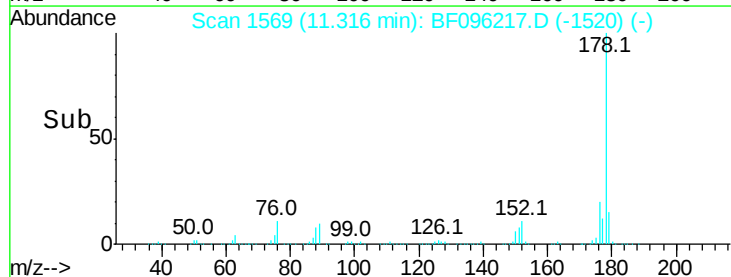
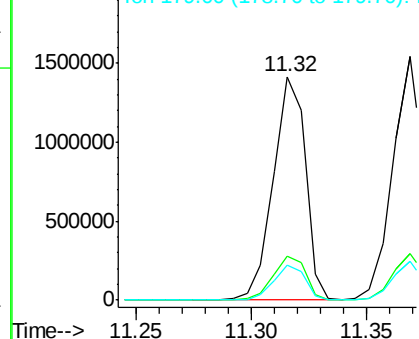


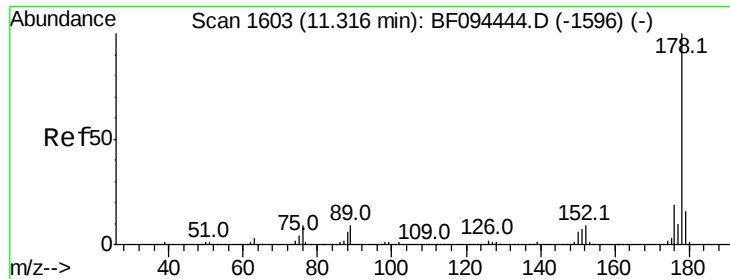
#70
 Phenanthrene
 Concen: 42.35 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.4	12.6	19.0



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

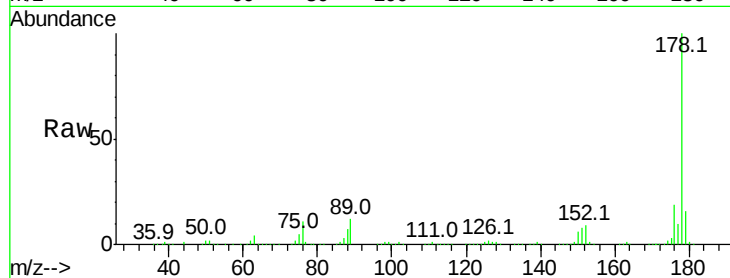




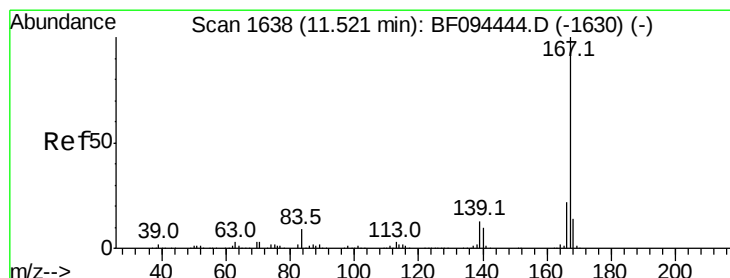
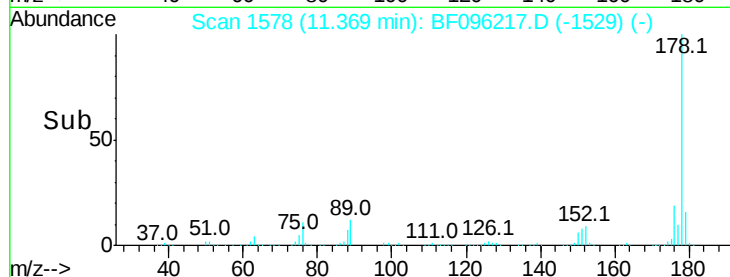
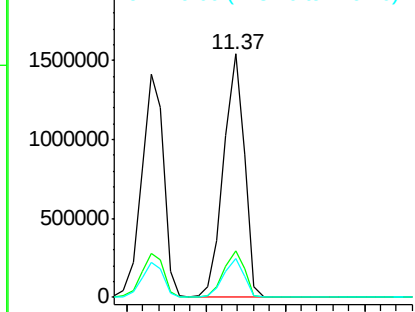
#71
 Anthracene
 Concen: 39.42 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1405526
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.7 12.7 19.1

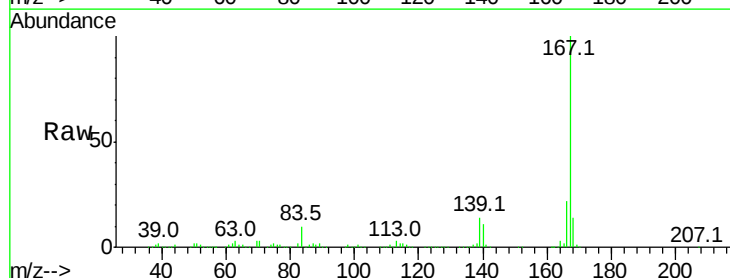


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

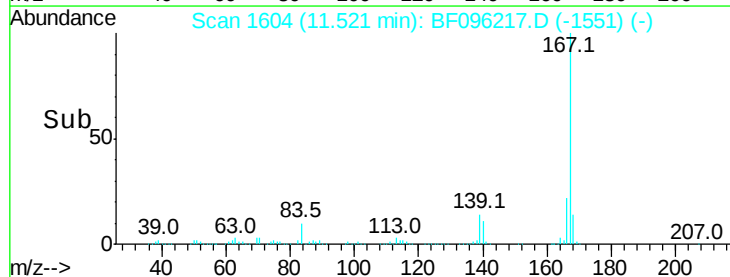
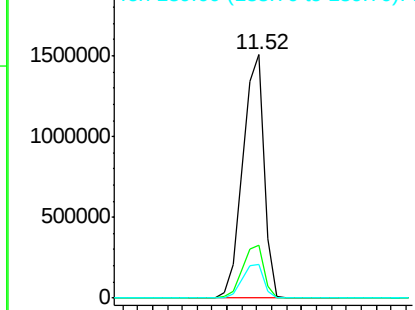


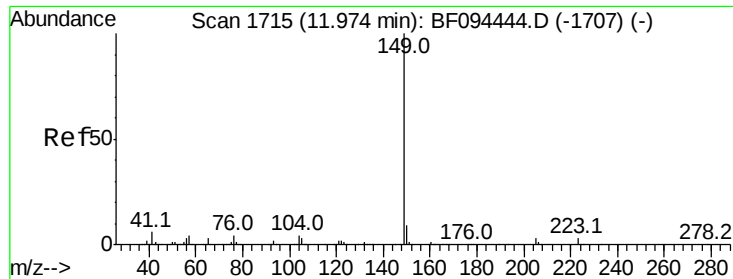
#72
 Carbazole
 Concen: 37.88 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion:167 Resp: 1491311
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 14.1 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.54 ng

RT: 11.86 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

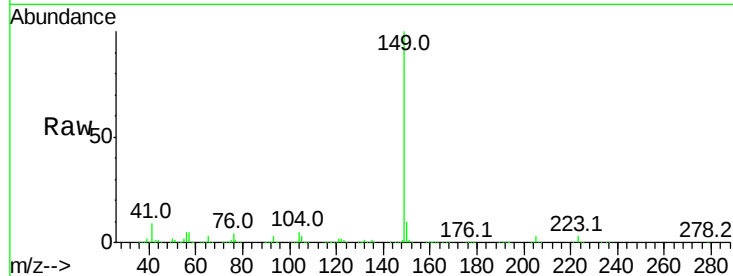
Tot Ion:149 Resp: 1643683

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

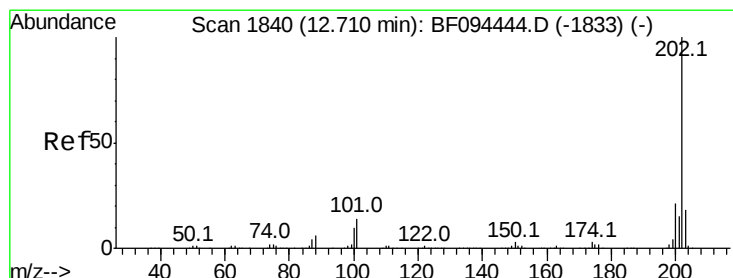
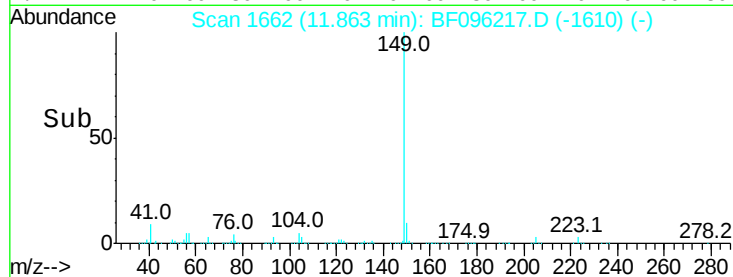
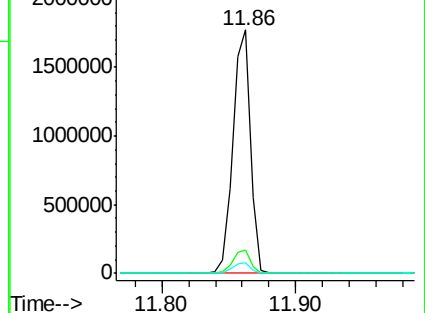
104 4.5 4.0 6.0



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: 38.87 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

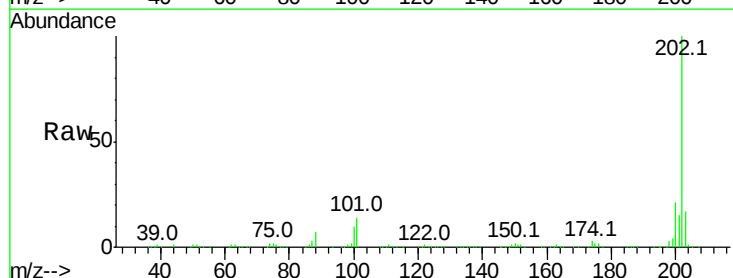
Tgt Ion:202 Resp: 1377801

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

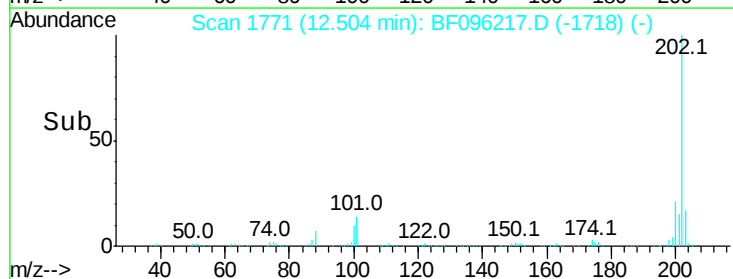
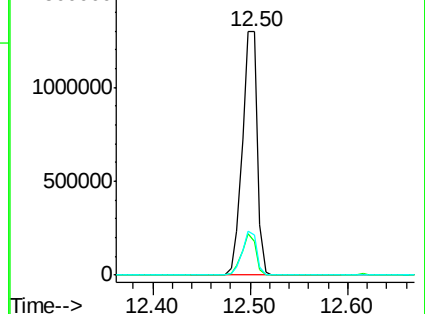
203 16.7 0.0 38.1

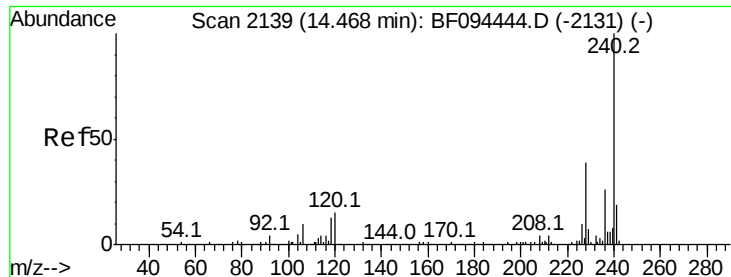


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

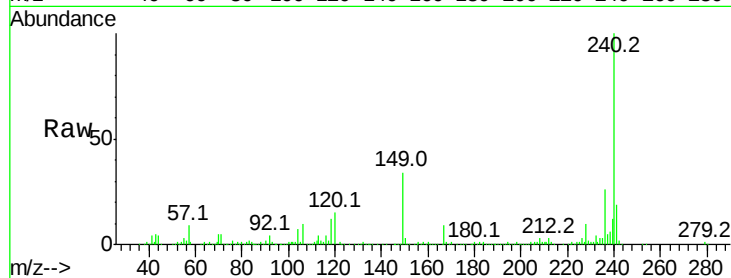
Tot Ion:240 Resp: 428960

Ion Ratio Lower Upper

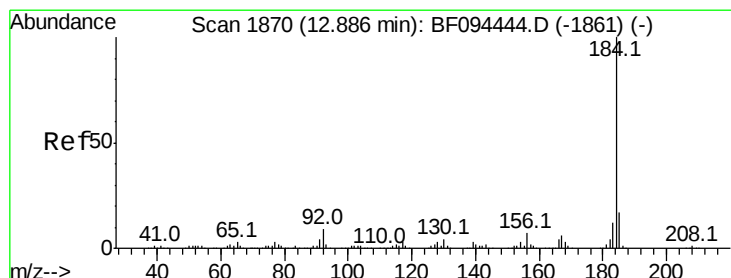
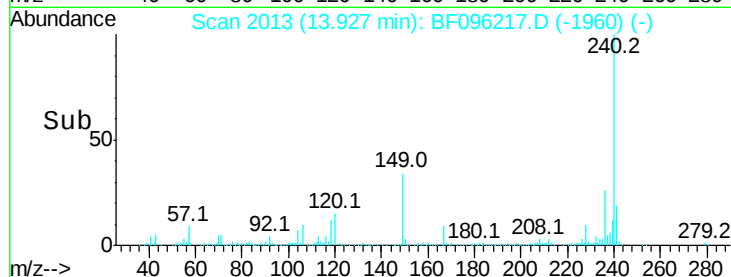
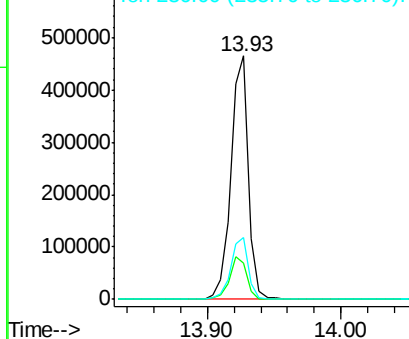
240 100

120 14.8 5.8 8.8#

236 25.6 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: 43.33 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

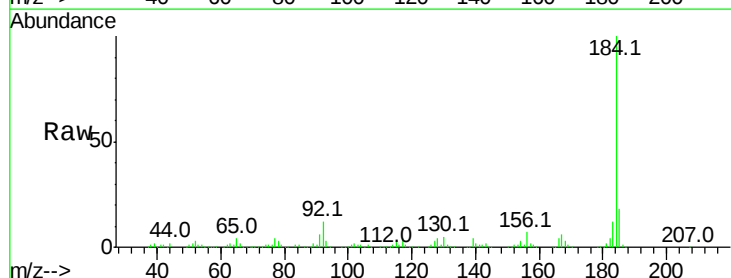
Tgt Ion:184 Resp: 696858

Ion Ratio Lower Upper

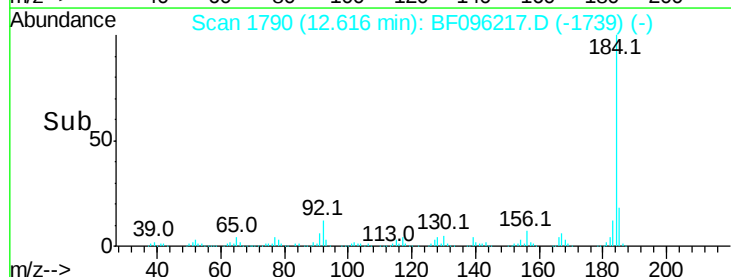
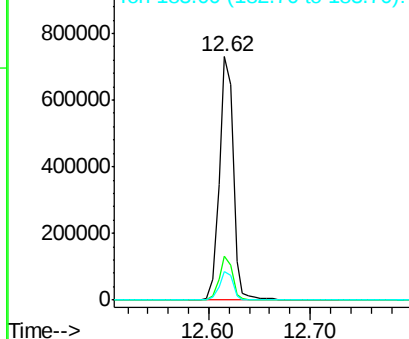
184 100

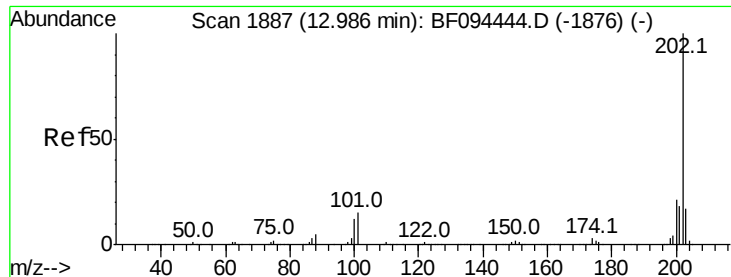
185 18.2 15.5 23.3

183 11.8 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

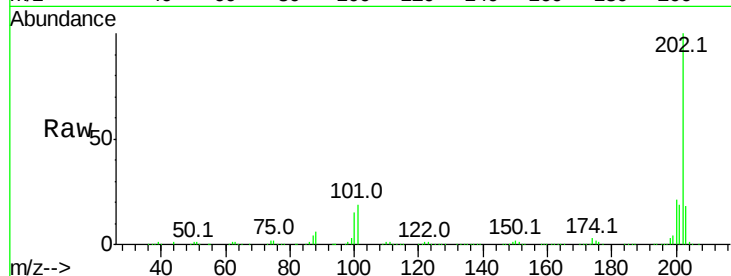




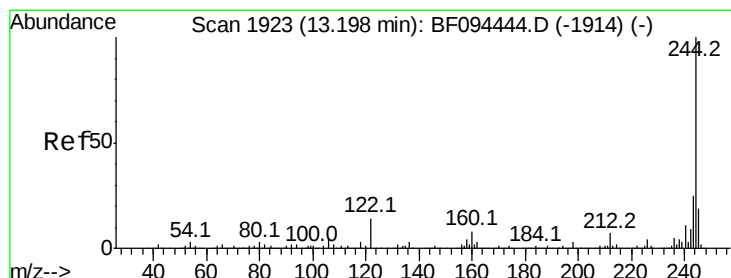
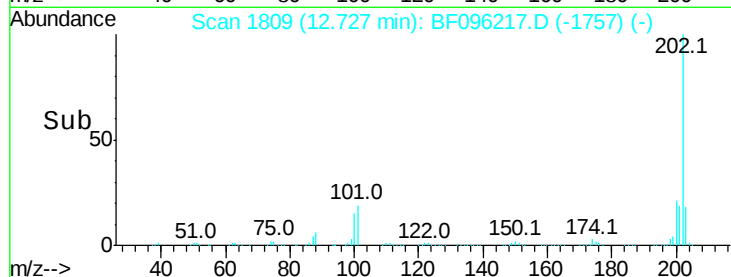
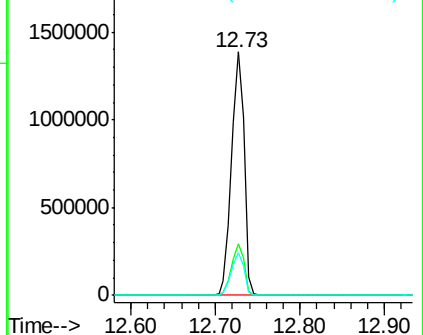
#77
Pvrene
Concen: 40.23 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1418056
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.6 14.4 21.6

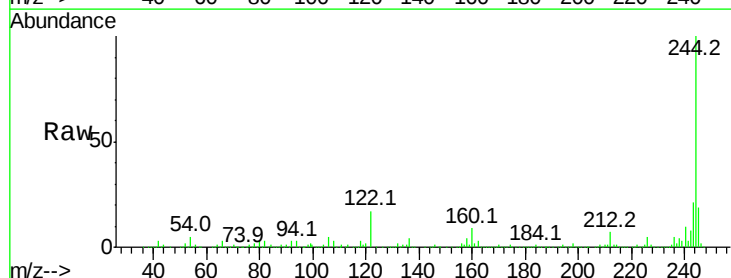


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

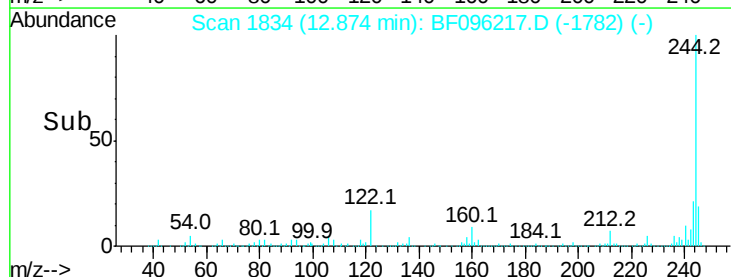
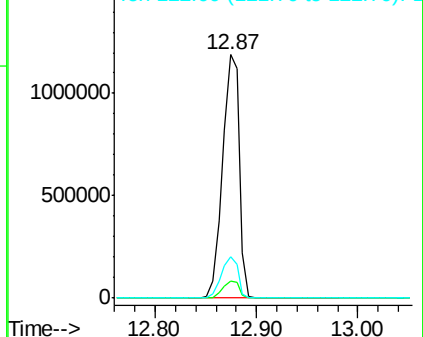


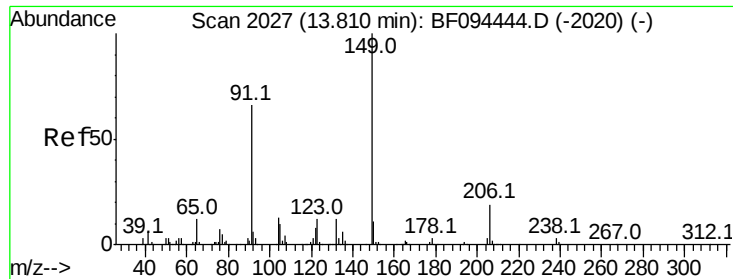
#78
Terphenyl-d14
Concen: 79.15 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:244 Resp: 1360687
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 16.9 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

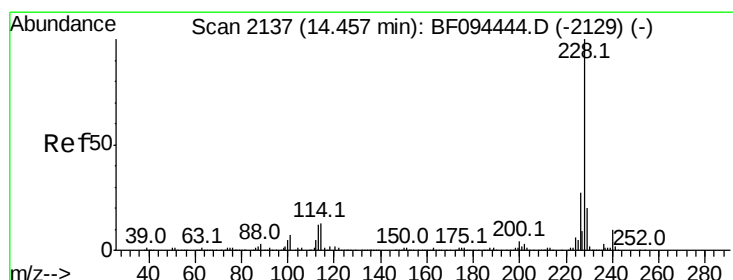
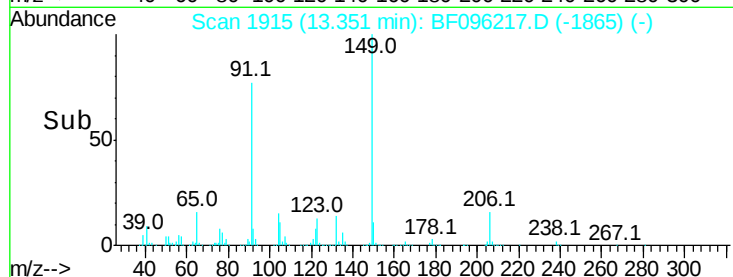
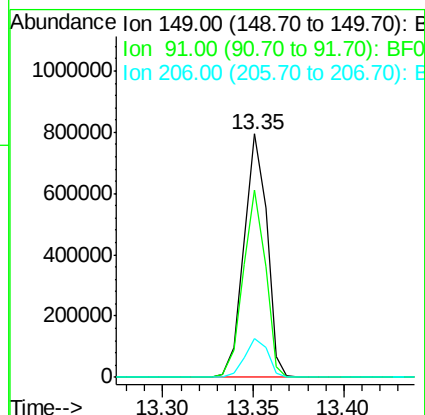
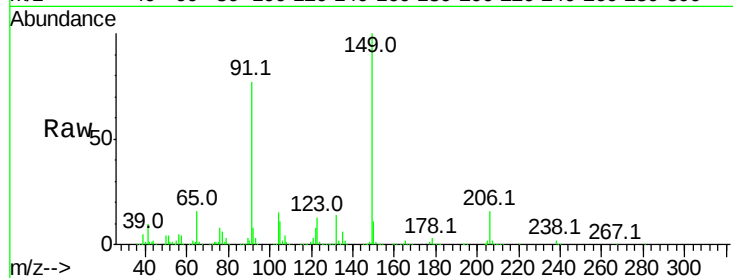




#79
Butylbenzylphthalate
Concen: 43.15 ng
RT: 13.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

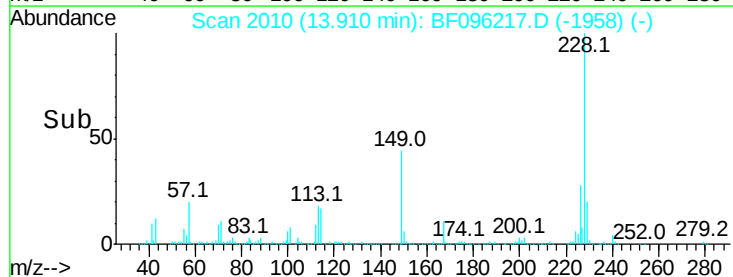
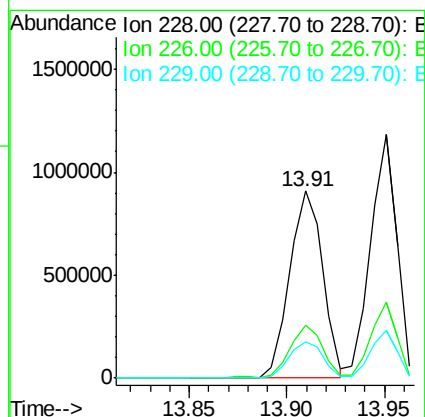
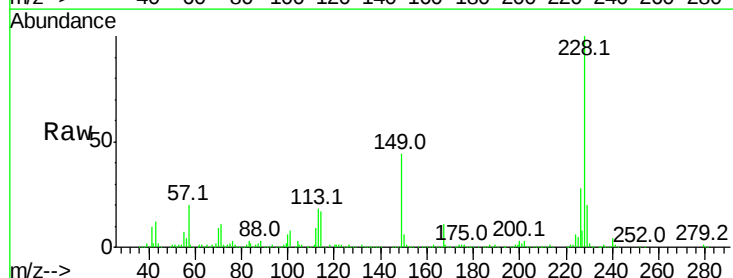
Instrument :
BNA_F
ClientSampleId :

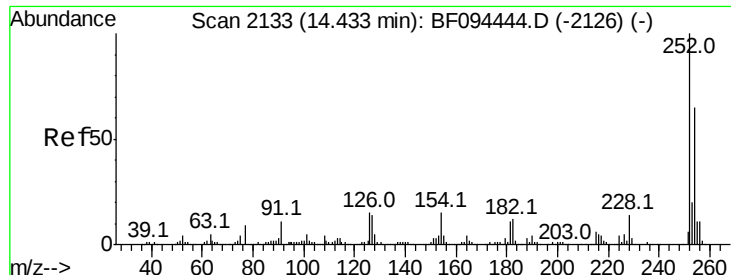
Tot Ion:149 Resp: 697015
Ion Ratio Lower Upper
149 100
91 77.0 45.0 67.4#
206 16.1 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.72 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:228 Resp: 1064796
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.6 16.3 24.5

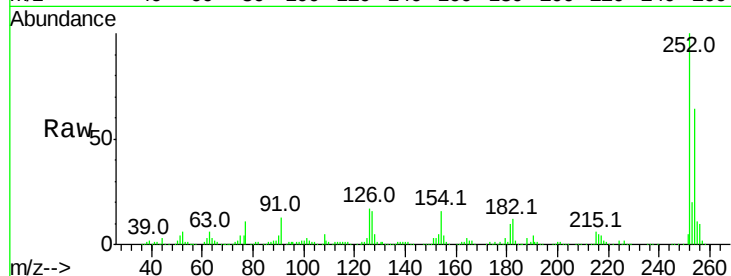




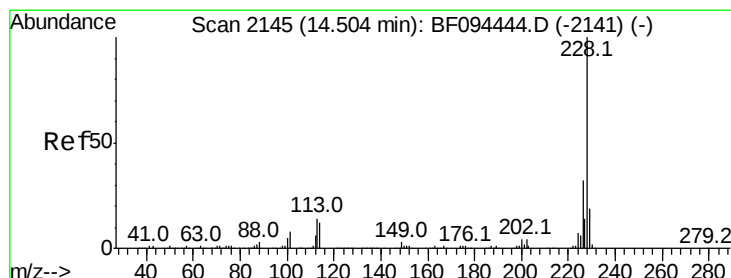
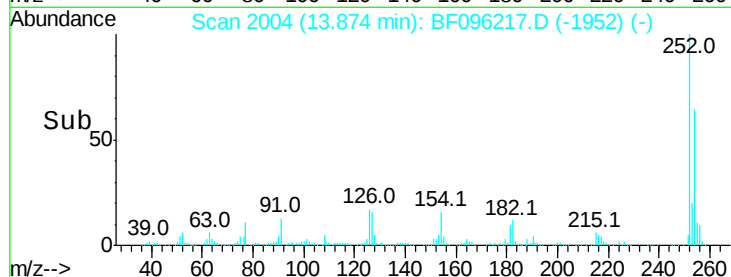
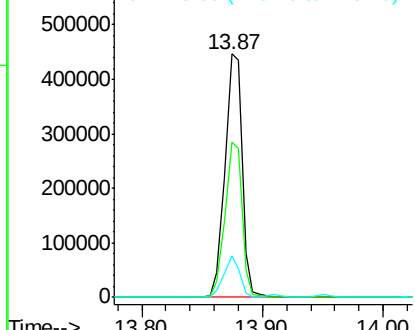
#81
 3,3'-Dichlorobenzidine
 Concen: 44.35 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 441621
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.5 77.3
 126 16.9 15.8 23.8

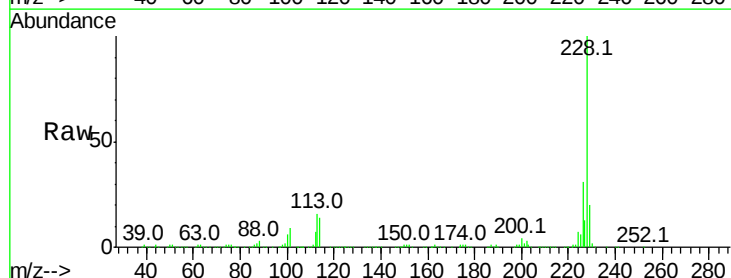


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

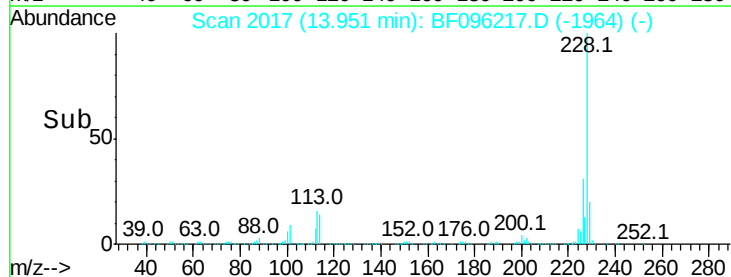
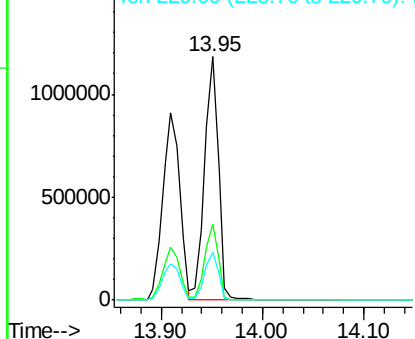


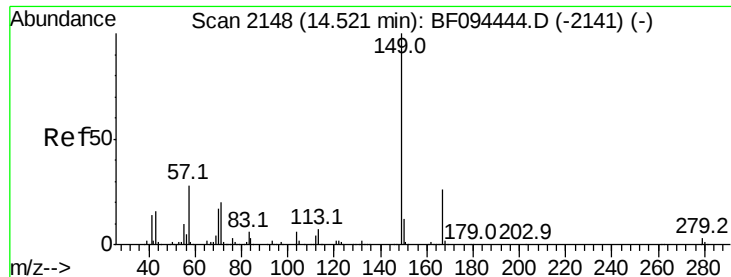
#82
 Chrysene
 Concen: 41.43 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion:228 Resp: 1120425
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 19.8 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

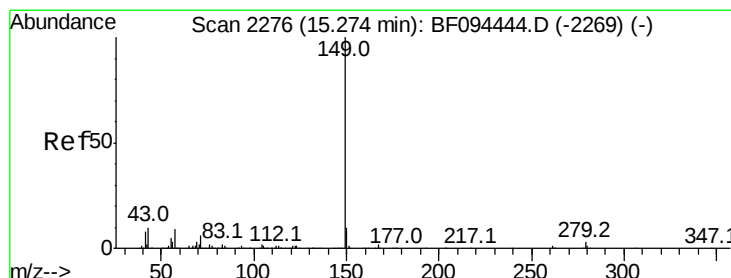
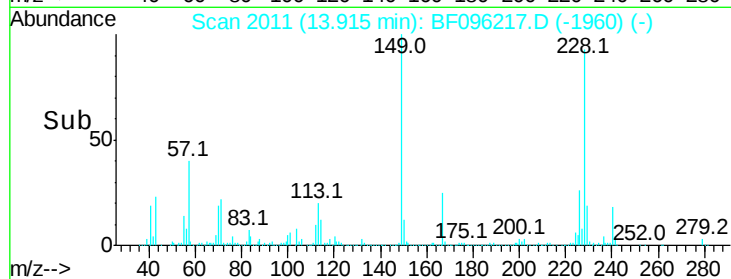
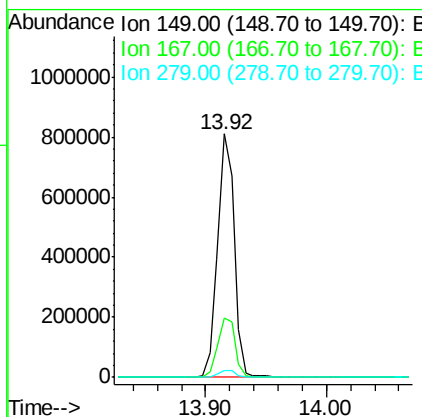
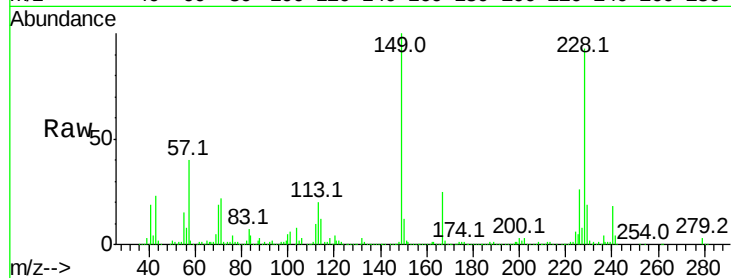




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.54 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

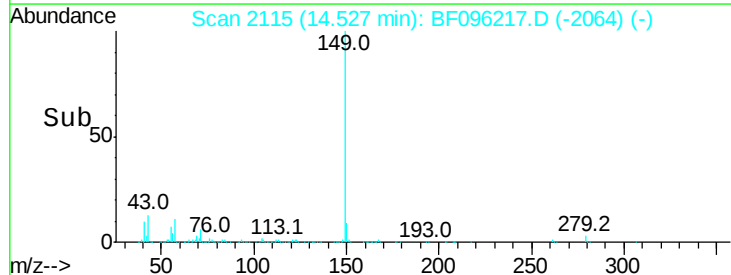
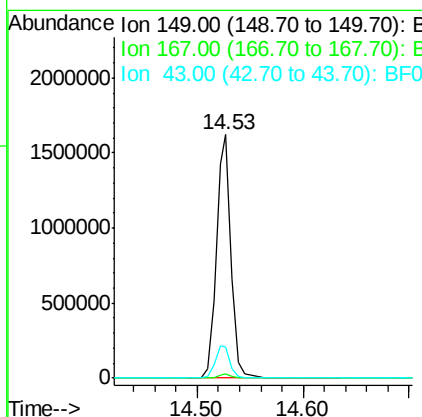
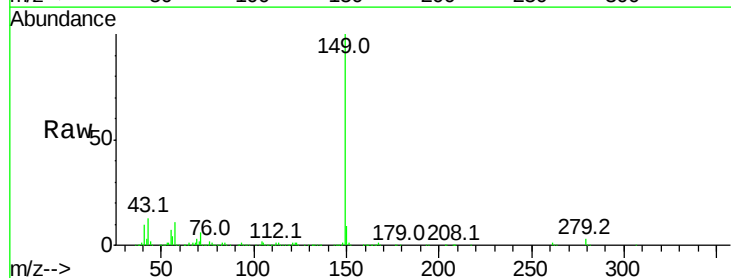
Instrument :
 BNA_F
 ClientSampleId :

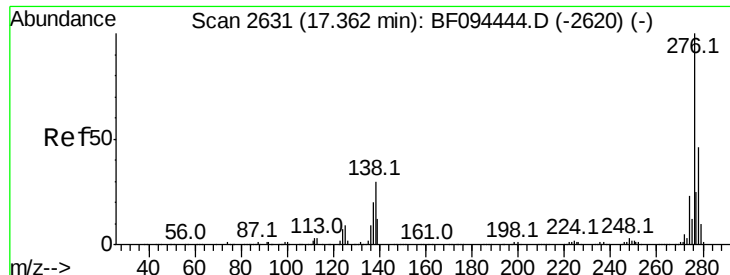
Tot Ion:149 Resp: 764366
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.0 31.4
 279 2.6 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 43.76 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BF096217.D
 Acq: 27 Jun 2017 15:41

Tgt Ion:149 Resp: 1582610
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 13.8 8.5 12.7#

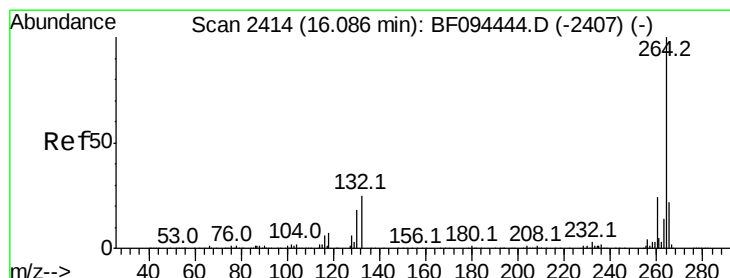
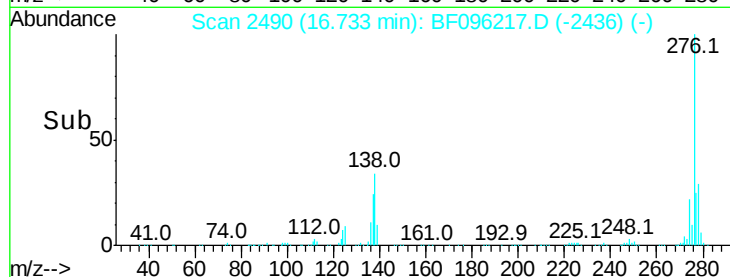
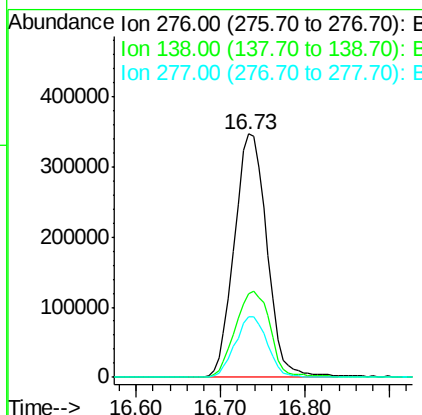
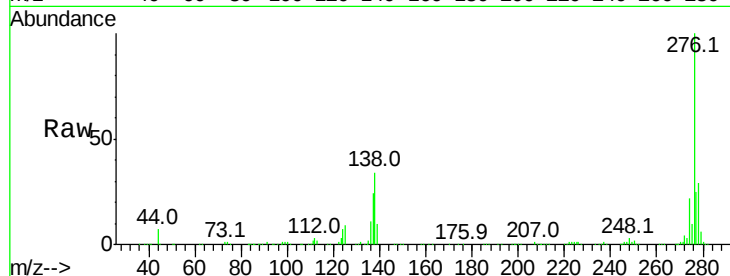




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.39 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

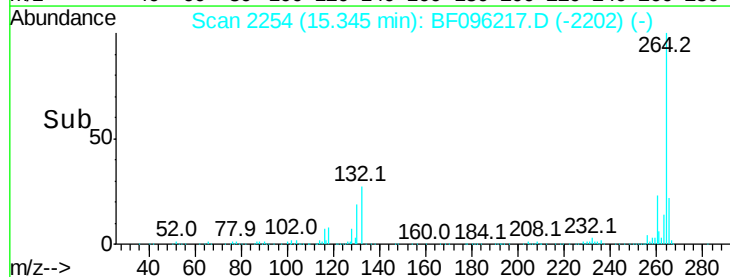
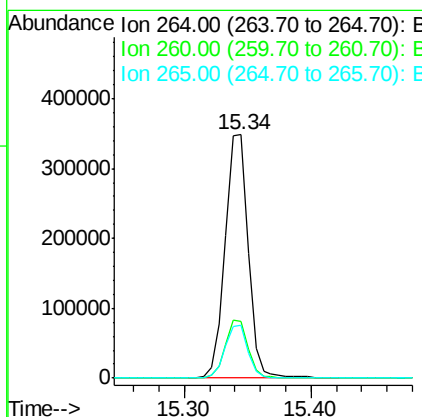
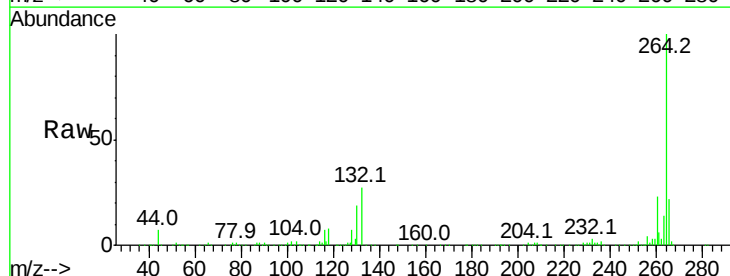
Instrument :
BNA_F
ClientSampleId :

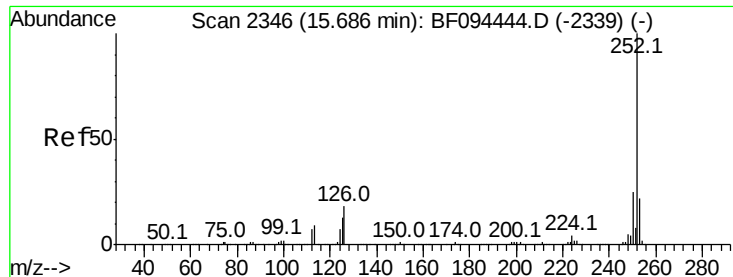
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.3	27.8	41.6
277	25.0	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.9	17.2	25.8

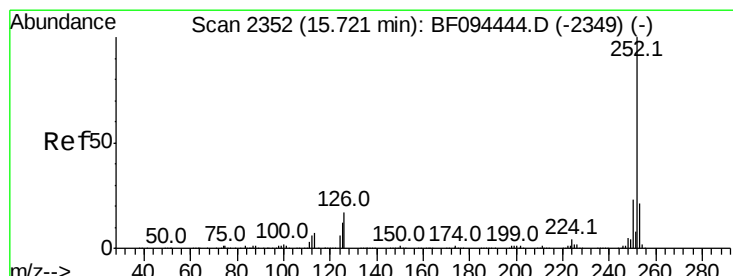
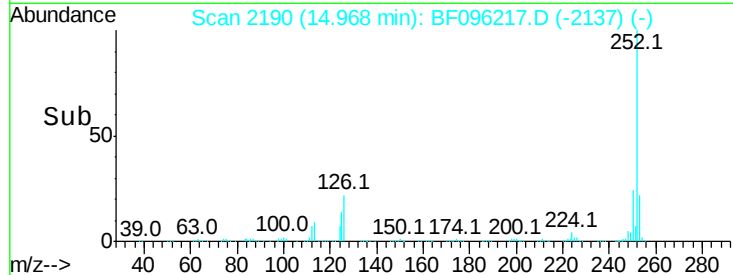
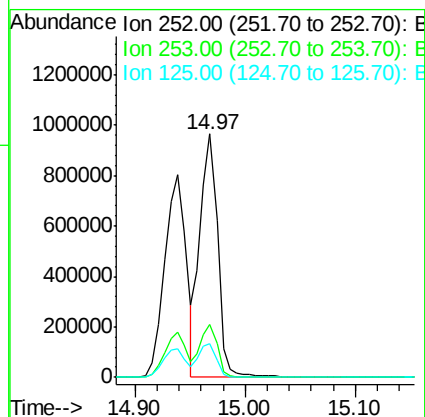
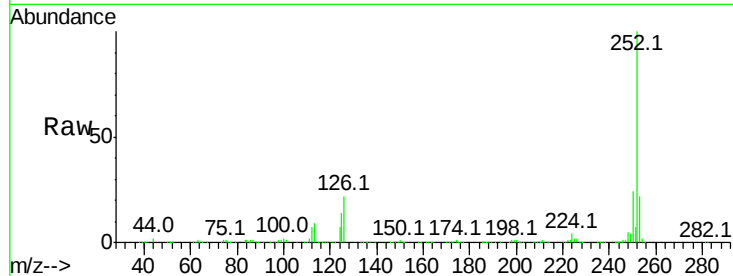




#87
Benzo(b)fluoranthene
Concen: 36.33 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

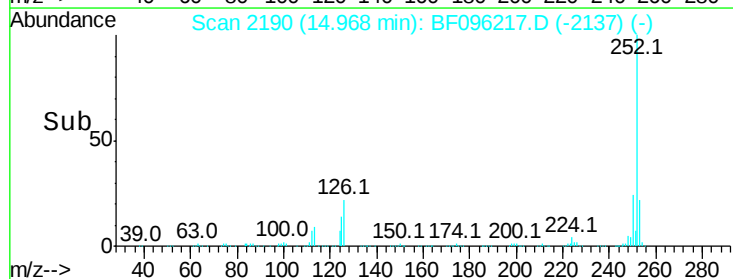
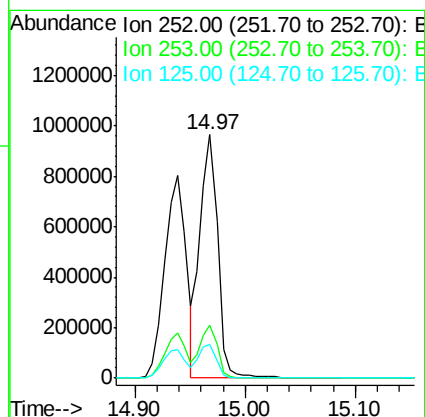
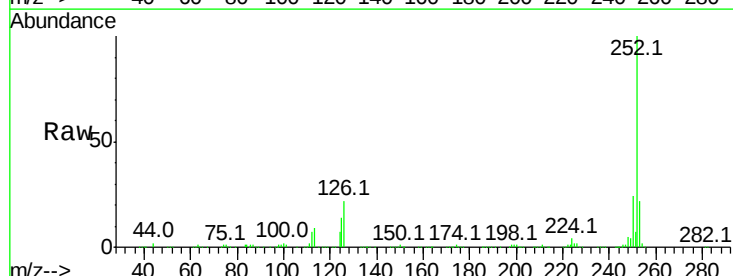
Instrument :
BNA_F
ClientSampleId :

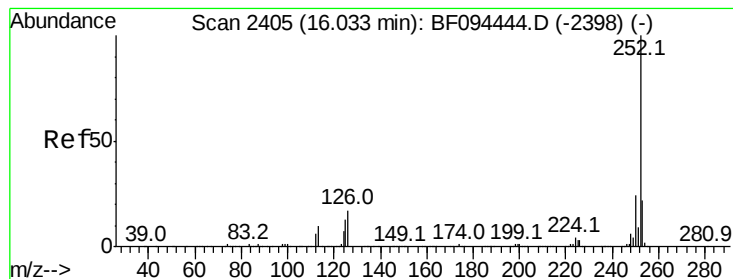
Tot Ion:252 Resp: 1051775
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.1 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.79 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF096217.D
Acq: 27 Jun 2017 15:41

Tgt Ion:252 Resp: 1051775
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 14.1 13.1 19.7





#89

Benzo(a)pyrene

Concen: 39.44 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :

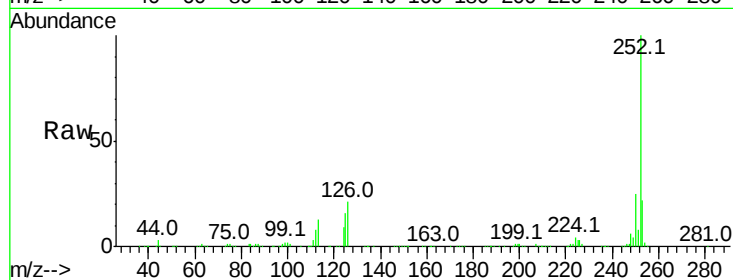
Tot Ion:252 Resp: 1008632

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

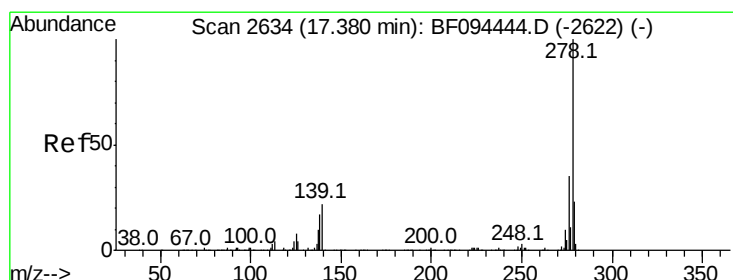
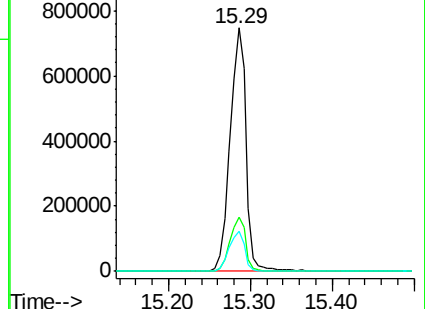
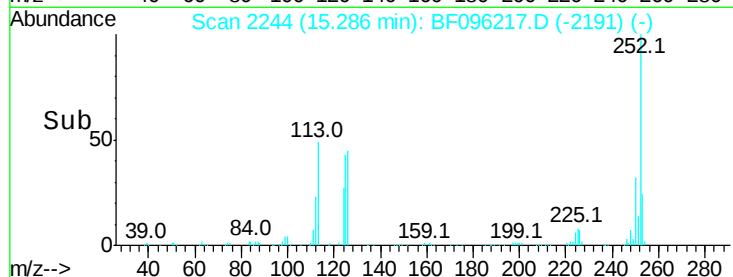
125 16.2 11.0 16.4



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: 39.88 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

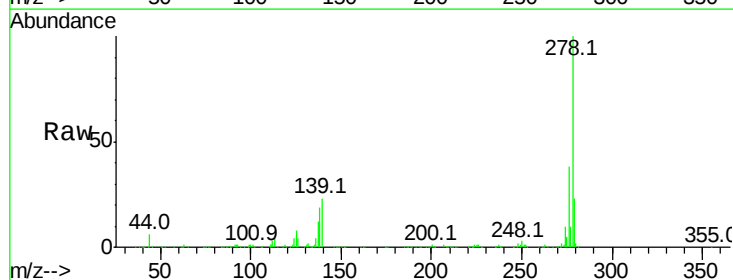
Tgt Ion:278 Resp: 798492

Ion Ratio Lower Upper

278 100

139 23.0 16.6 24.8

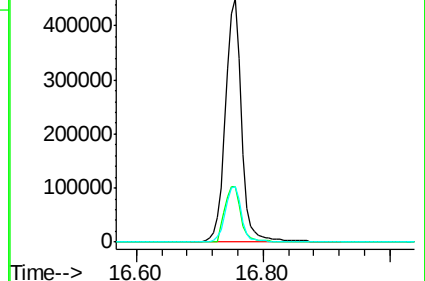
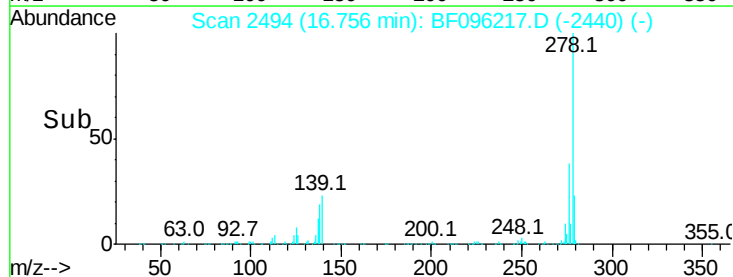
279 22.7 19.3 28.9

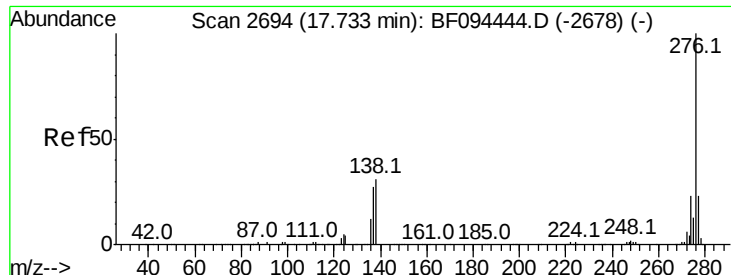


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.14 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.02 min

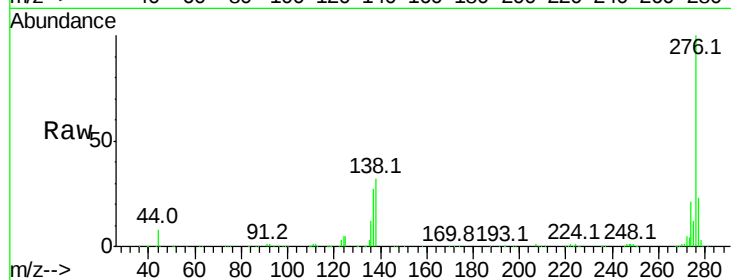
Lab File: BF096217.D

Acq: 27 Jun 2017 15:41

Instrument :

BNA_F

ClientSampleId :



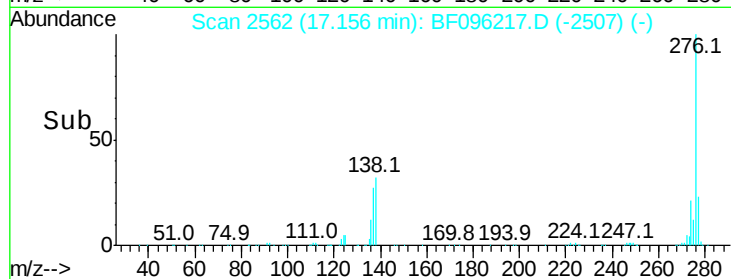
Tot Ion: 276 Resp: 793730

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 32.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

