

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094960.D
 Acq On : 6 May 2017 14:34
 Operator : SJ/MA
 Sample : I2947-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:56:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97029	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	401438	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	181526	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	321158	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	215200	20.00	ng	-0.01
86) Perylene-d12	20.31	264	183728	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	808907	138.99	ng	0.00
7) Phenol-d6	7.27	99	1063161	152.25	ng	0.00
23) Nitrobenzene-d5	8.63	82	631342	99.17	ng	0.00
41) 2,4,6-Tribromophenol	13.87	330	202833	136.44	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1176345	93.27	ng	-0.01
78) Terphenyl-d14	17.30	244	963224	98.59	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	103382	36.22	ng	96
3) Pyridine	2.83	79	185672	28.07	ng	97
4) n-Nitrosodimethylamine	2.74	42	120669	43.76	ng	86
6) Aniline	7.23	93	378861	42.98	ng	94
8) 2-Chlorophenol	7.41	128	330682	49.92	ng	96
9) Benzaldehyde	7.05	77	46037	10.80	ng	98
10) Phenol	7.29	94	390554	53.08	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	286958	47.24	ng	94
12) 1,3-Dichlorobenzene	7.63	146	344304	45.82	ng	98
13) 1,4-Dichlorobenzene	7.75	146	354493	46.52	ng	97
14) 1,2-Dichlorobenzene	7.98	146	334250	46.99	ng	96
15) Benzyl Alcohol	8.01	79	247250	55.05	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	381776	44.40	ng	# 42
17) 2-Methylphenol	8.22	107	267349	49.32	ng	# 88
18) Hexachloroethane	8.50	117	117786	45.63	ng	# 86
19) n-Nitroso-di-n-propylamine	8.44	70	230433	48.79	ng	93
20) 3+4-Methylphenols	8.47	107	358862	48.72	ng	# 58
22) Acetophenone	8.40	105	461267	47.89	ng	# 84
24) Nitrobenzene	8.65	77	318984	47.80	ng	94
25) Isophorone	9.05	82	586717	51.61	ng	# 94
26) 2-Nitrophenol	9.16	139	182981	50.82	ng	96
27) 2,4-Dimethylphenol	9.30	122	293818	50.47	ng	99
28) bis(2-Chloroethoxy)methane	9.42	93	370585	47.13	ng	98
29) 2,4-Dichlorophenol	9.58	162	274574	49.95	ng	99
30) 1,2,4-Trichlorobenzene	9.67	180	270799	45.98	ng	97
31) Naphthalene	9.78	128	908643	45.04	ng	99
32) Benzoic acid	9.59	122	98885	28.21	ng	91
33) 4-Chloroaniline	9.91	127	230779	30.69	ng	# 93
34) Hexachlorobutadiene	10.00	225	134771	43.37	ng	97
35) Caprolactam	10.73	113	5853	3.55	ng	91
36) 4-Chloro-3-methylphenol	10.77	107	291295	49.57	ng	90
37) 2-Methylnaphthalene	10.90	142	589150	44.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	247492	44.33	ng	100
40) Hexachlorocyclopentadiene	11.16	237	177642	76.02	ng	100

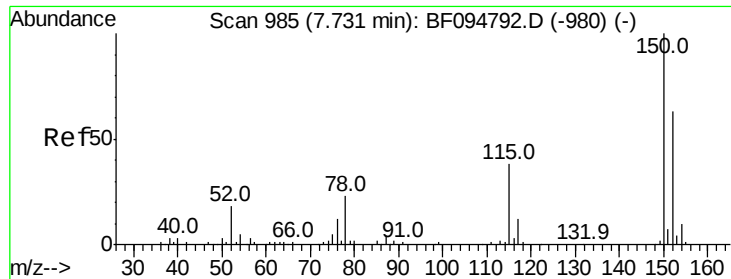
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094960.D
 Acq On : 6 May 2017 14:34
 Operator : SJ/MA
 Sample : I2947-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:56:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	184418	49.48	nq	99
43) 2,4,5-Trichlorophenol	11.49	196	188516	47.06	nq	# 91
45) 1,1'-Biphenyl	11.67	154	655826	42.91	nq	98
46) 2-Chloronaphthalene	11.68	162	527790	42.77	nq	96
47) 2-Nitroaniline	11.89	65	164424	48.68	nq	# 84
48) Acenaphthylene	12.34	152	904613	46.80	nq	100
49) Dimethylphthalate	12.22	163	854211	57.32	nq	99
50) 2,6-Dinitrotoluene	12.31	165	151255	49.75	nq	93
51) Acenaphthene	12.62	154	538515	46.64	nq	99
52) 3-Nitroaniline	12.58	138	113154	34.68	nq	93
53) 2,4-Dinitrophenol	12.77	184	113600	68.79	nq	# 69
54) Dibenzofuran	12.91	168	804879	50.38	nq	98
55) 4-Nitrophenol	12.95	139	181567	92.64	nq	# 74
56) 2,4-Dinitrotoluene	12.97	165	198177	50.73	nq	# 88
57) Fluorene	13.47	166	646810	46.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	141925	56.29	nq	# 95
59) Diethylphthalate	13.37	149	628522	44.00	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	280844	46.00	nq	91
61) 4-Nitroaniline	13.58	138	145174	48.46	nq	96
62) Azobenzene	13.75	77	571536	49.80	nq	96
64) 4,6-Dinitro-2-methylphenol	13.64	198	96104	44.64	nq	# 67
65) n-Nitrosodiphenylamine	13.70	169	543077	46.59	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	146888	43.29	nq	99
67) Hexachlorobenzene	14.36	284	148148	42.60	nq	# 87
68) Atrazine	14.62	200	156936	47.69	nq	97
69) Pentachlorophenol	14.71	266	147953	93.07	nq	97
70) Phenanthrene	15.01	178	852766	46.21	nq	98
71) Anthracene	15.09	178	896029	47.54	nq	98
72) Carbazole	15.38	167	839228	48.93	nq	98
73) Di-n-butylphthalate	15.94	149	980227	45.83	nq	99
74) Fluoranthene	16.75	202	827000	43.69	nq	99
76) Benzidine	16.97	184	326163	54.94	nq	# 94
77) Pyrene	17.05	202	891382	55.38	nq	99
79) Butylbenzylphthalate	17.96	149	415285	55.47	nq	89
80) Benzo(a)anthracene	18.63	228	577634	46.12	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	161224	37.27	nq	# 97
82) Chrysene	18.67	228	545585	45.05	nq	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	533340	50.00	nq	# 98
84) Di-n-octyl phthalate	19.47	149	867334	49.60	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	542454	55.16	nq	99
87) Benzo(b)fluoranthene	19.90	252	522083	45.99	nq	97
88) Benzo(k)fluoranthene	19.93	252	523526	47.81	nq	# 94
89) Benzo(a)pyrene	20.25	252	472890	45.14	nq	99
90) Dibenzo(a,h)anthracene	21.61	278	454759	52.56	nq	99
91) Benzo(g,h,i)perylene	21.97	276	478601	56.37	nq	98

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

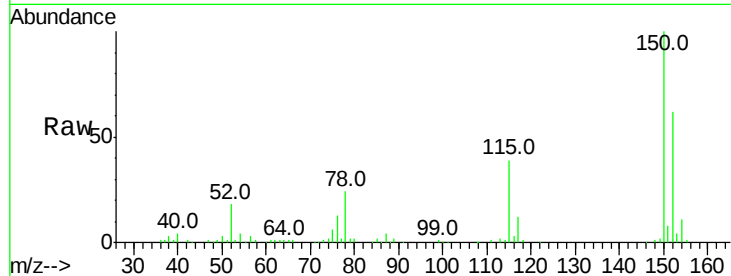


#1

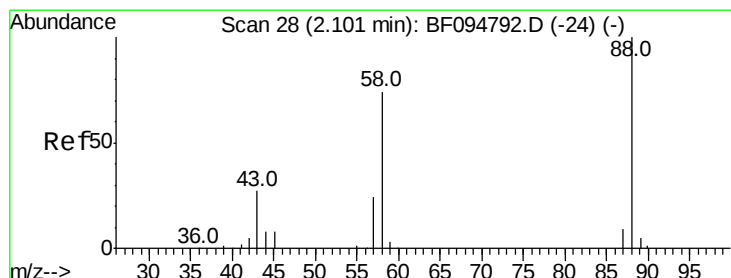
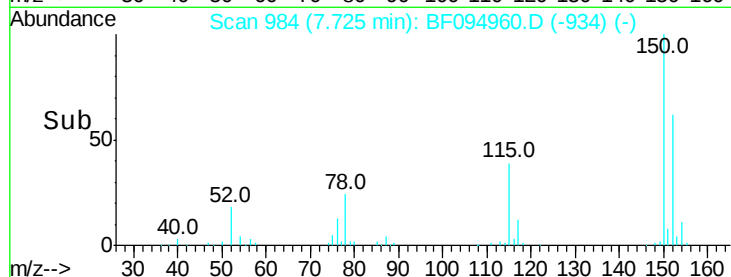
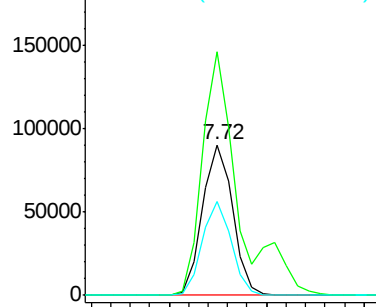
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97029
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 62.4 52.2 78.2



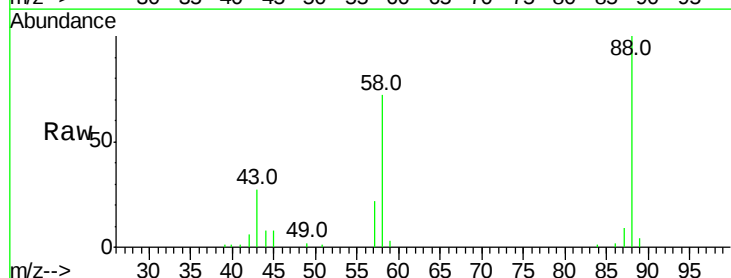
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



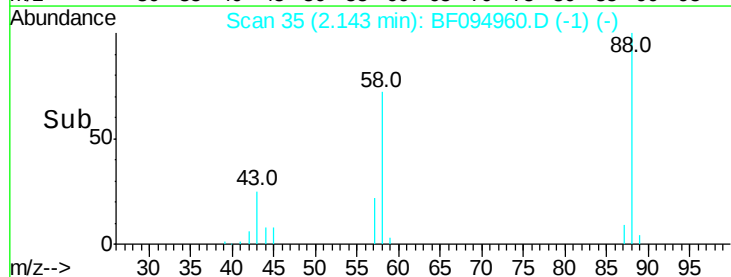
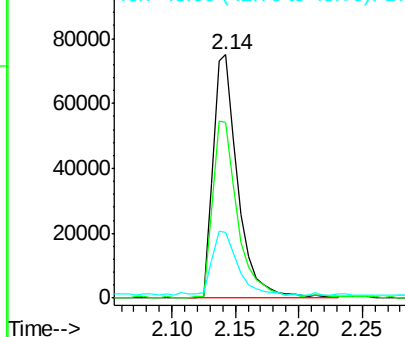
#2

1,4-Dioxane
Concen: 36.22 ng
RT: 2.14 min Scan# 35
Delta R.T. 0.04 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion: 88 Resp: 103382
Ion Ratio Lower Upper
88 100
58 73.5 61.4 92.0
43 27.2 23.4 35.0



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





#3

Pvridine

Concen: 28.07 ng

RT: 2.83 min Scan# 152

Delta R.T. 0.07 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampled :

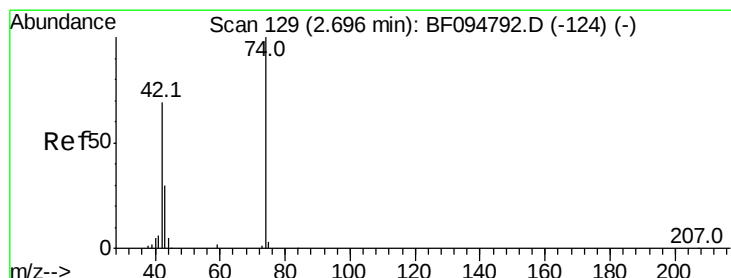
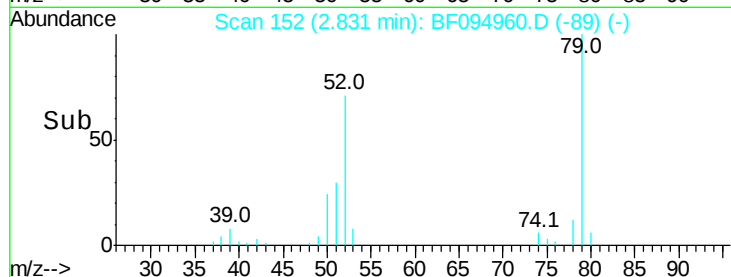
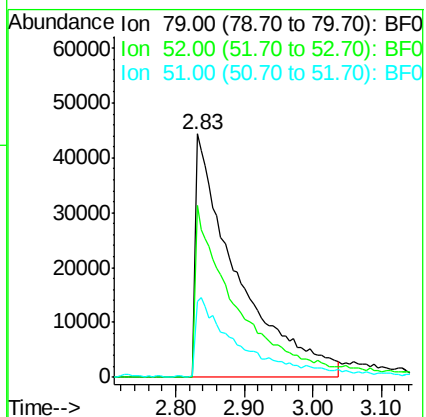
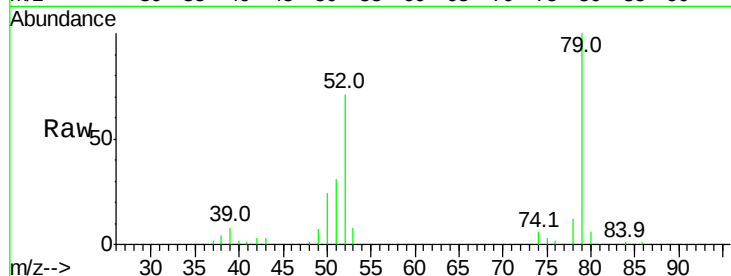
Tot Ion: 79 Resp: 185672

Ion Ratio Lower Upper

79 100

52 70.6 54.8 82.2

51 31.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 43.76 ng

RT: 2.74 min Scan# 137

Delta R.T. 0.05 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

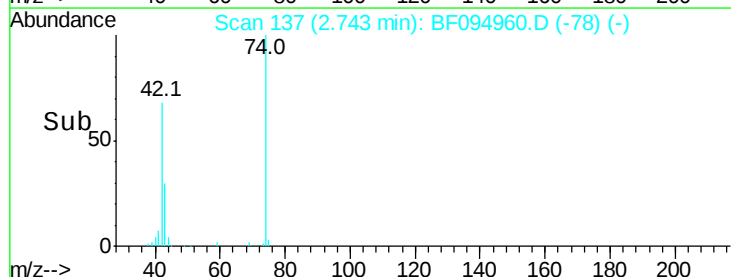
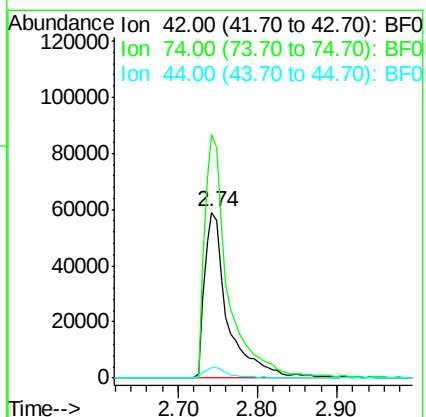
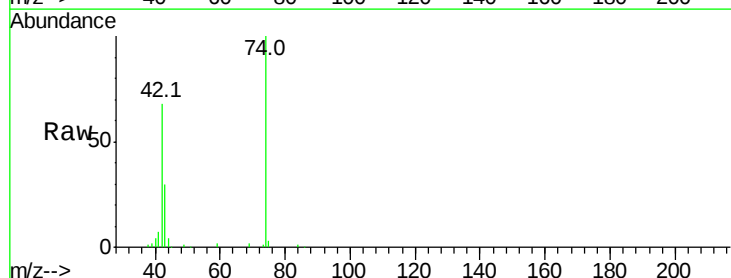
Tgt Ion: 42 Resp: 120669

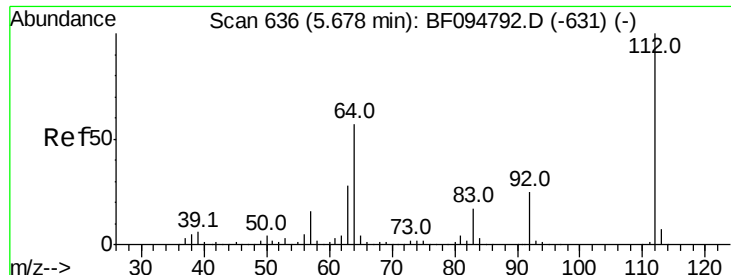
Ion Ratio Lower Upper

42 100

74 146.5 103.9 155.9

44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 138.99 ng

RT: 5.68 min Scan# 636

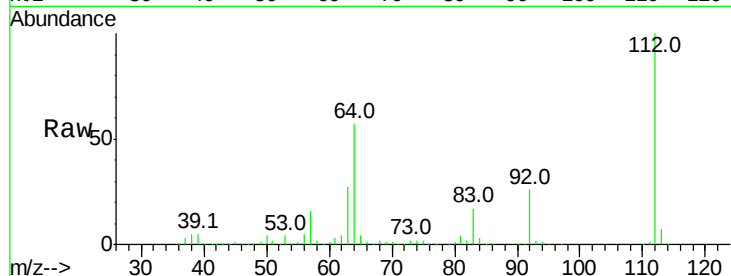
Delta R.T. 0.00 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :

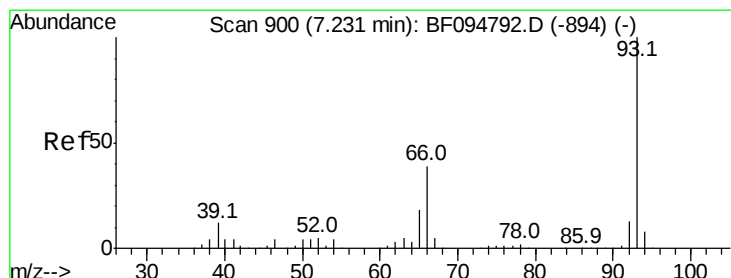
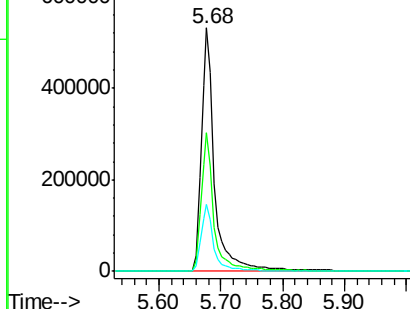
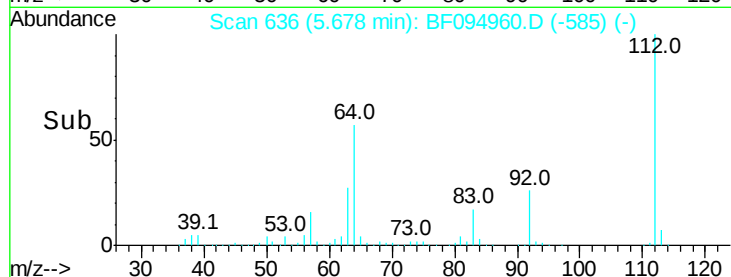
Tot Ion:	112	Resp:	808907
Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	27.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.98 ng

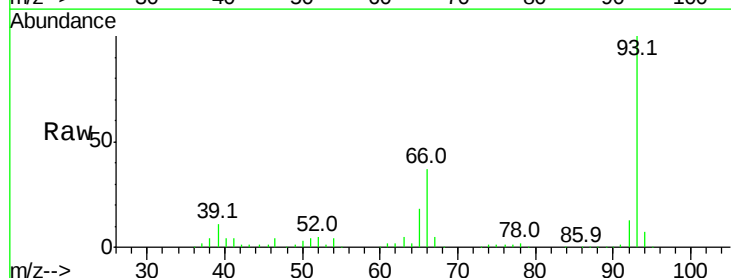
RT: 7.23 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

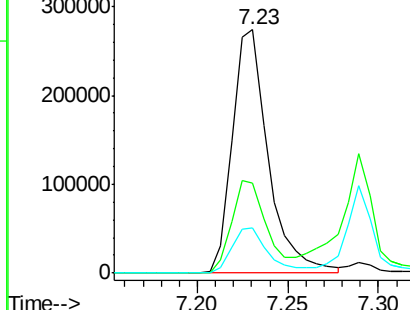
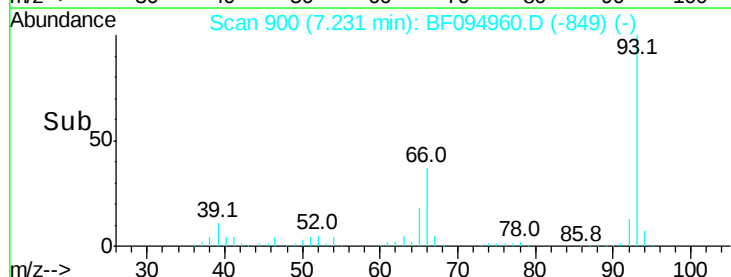
Tgt Ion:	93	Resp:	378861
Ion	Ratio	Lower	Upper
93	100		
66	36.9	32.9	49.3
65	18.4	16.0	24.0



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: 152.25 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

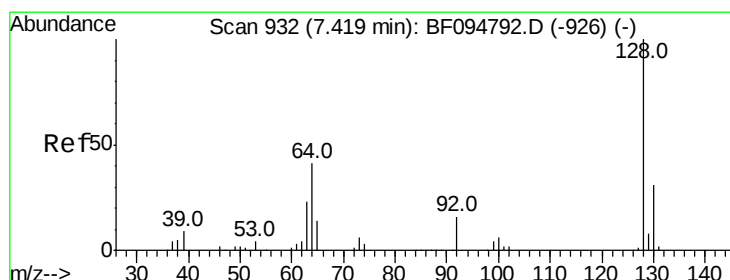
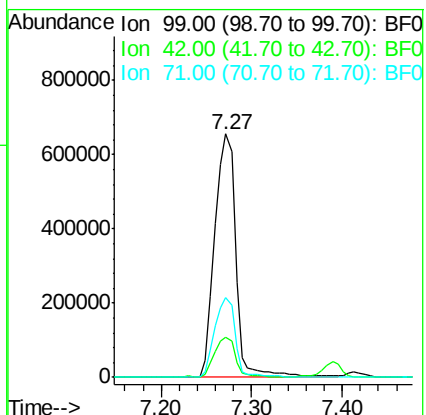
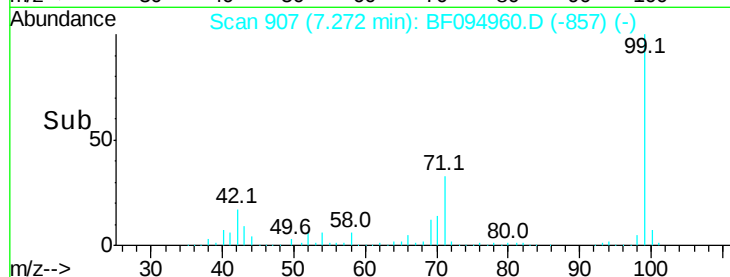
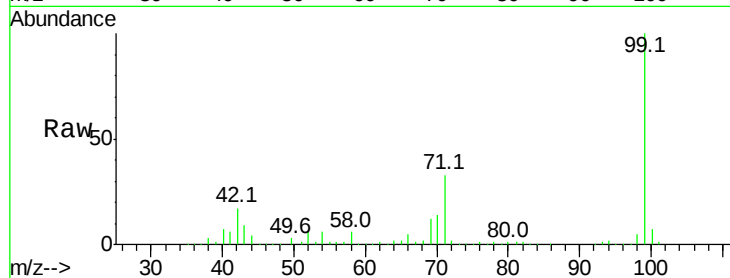
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1063161

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	33.0	24.5	36.7



#8

2-Chlorophenol

Concen: 49.92 ng

RT: 7.41 min Scan# 931

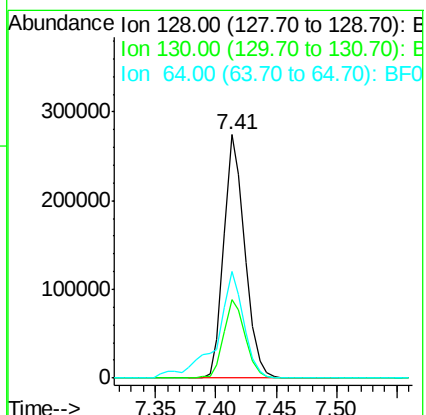
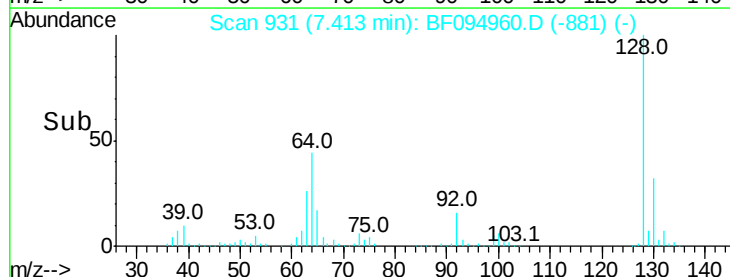
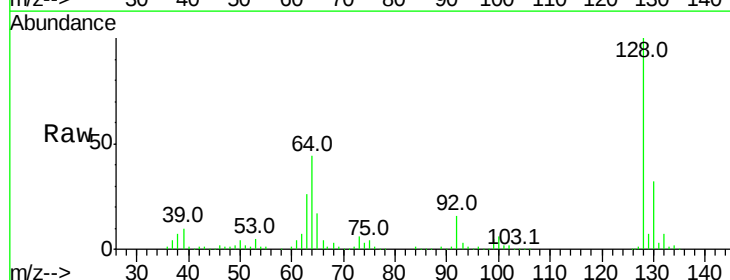
Delta R.T. -0.01 min

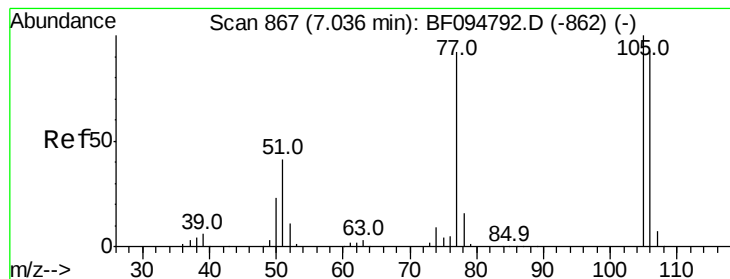
Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion: 128 Resp: 330682

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	43.8	28.4	68.4





#9

Benzaldehyde

Concen: 10.80 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

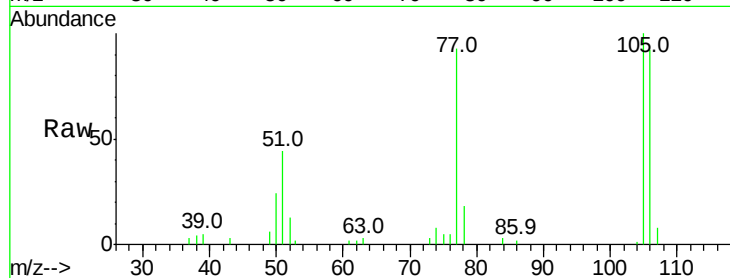
Tot Ion: 77 Resp: 46037

Ion Ratio Lower Upper

77 100

105 108.1 83.8 123.8

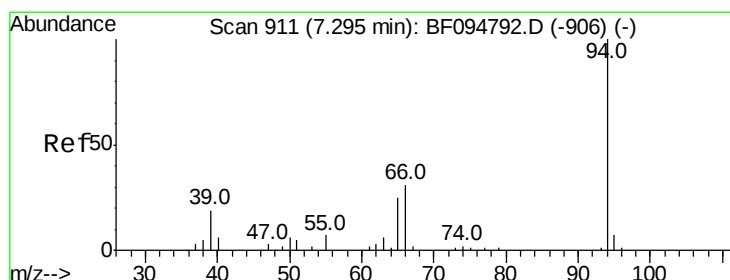
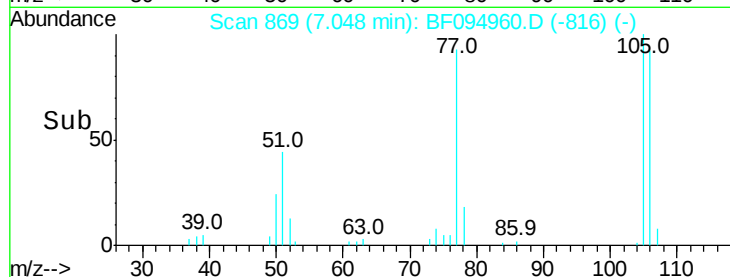
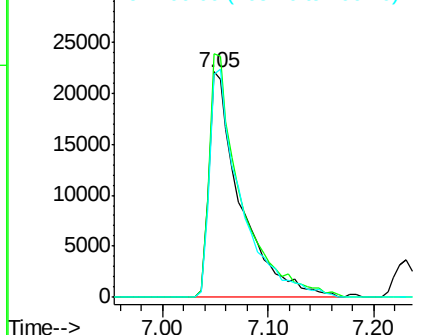
106 99.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 53.08 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

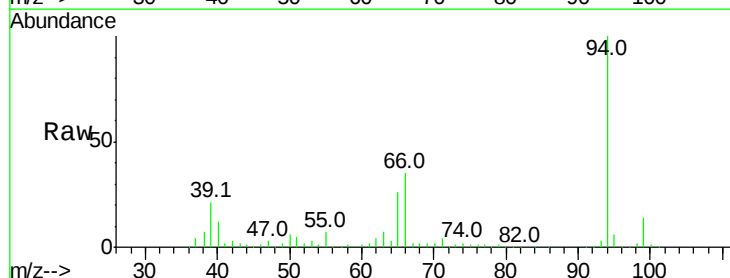
Tgt Ion: 94 Resp: 390554

Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

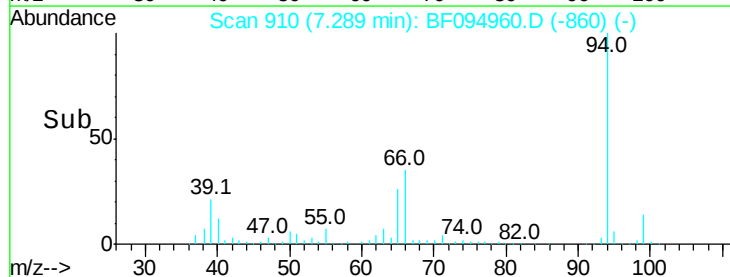
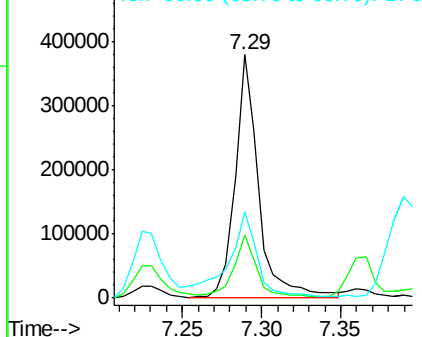
66 35.5 23.1 63.1



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: 47.24 ng

RT: 7.37 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

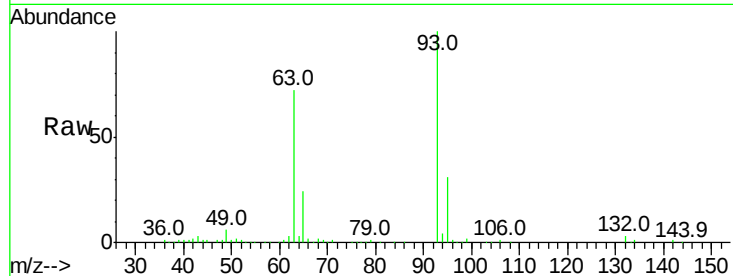
Tot Ion: 93 Resp: 286958

Ion Ratio Lower Upper

93 100

63 72.2 59.2 99.2

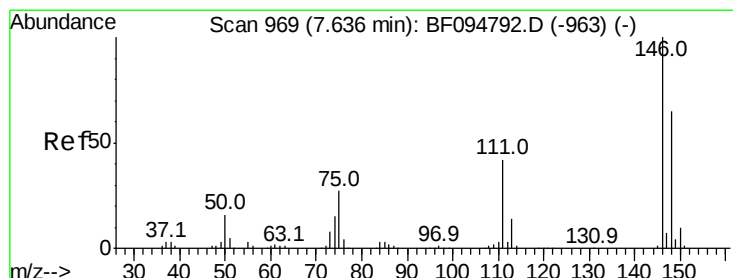
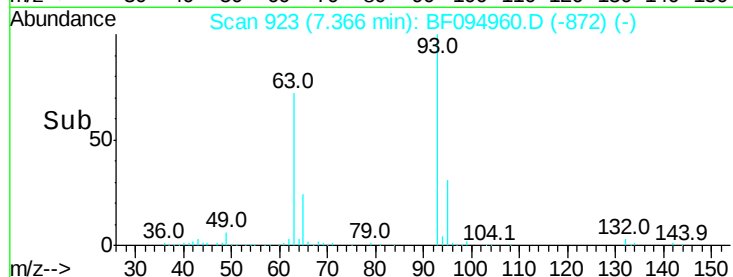
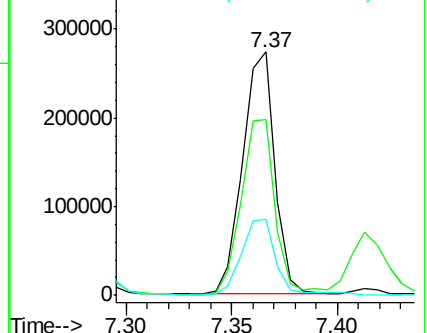
95 31.3 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.82 ng

RT: 7.63 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

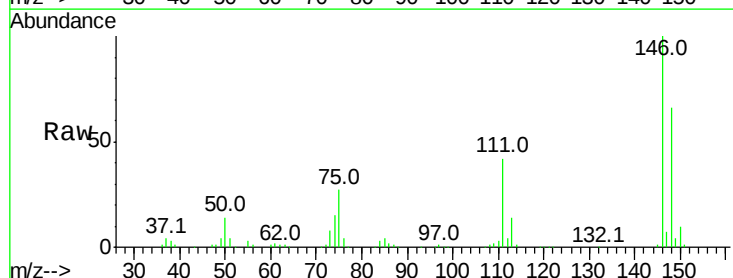
Tgt Ion: 146 Resp: 344304

Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.6

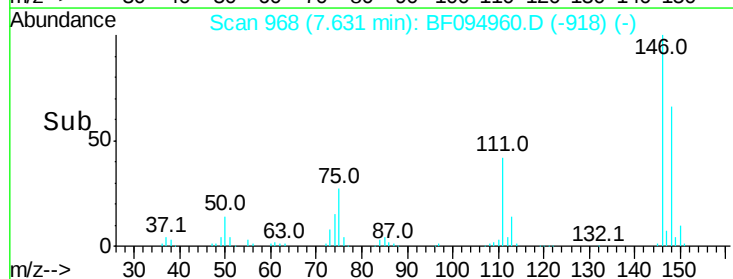
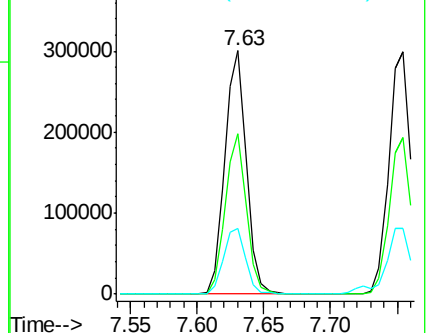
75 27.1 23.1 34.7

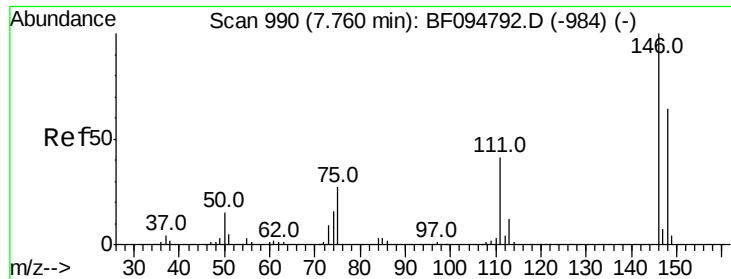


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

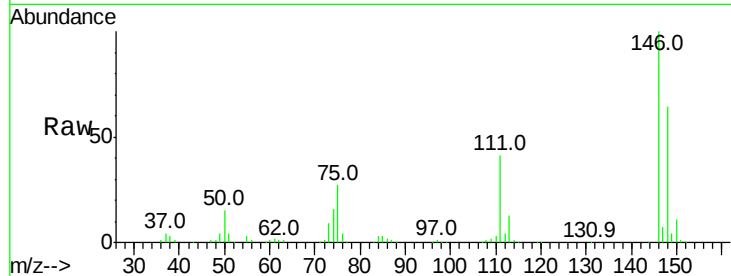




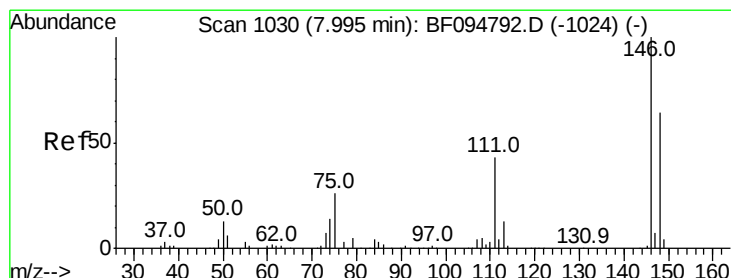
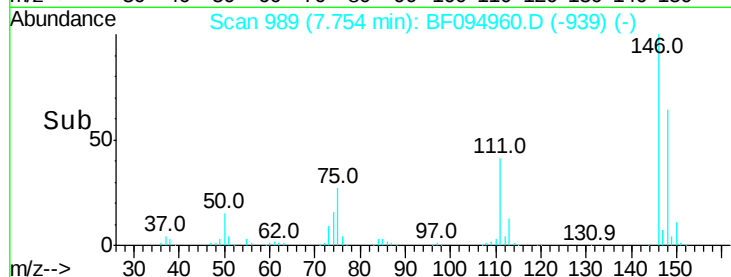
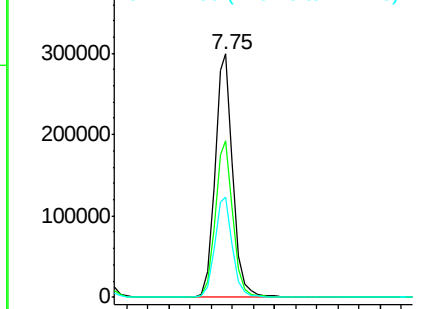
#13
 1,4-Dichlorobenzene
 Concen: 46.52 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 354493
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 41.0 30.3 45.5

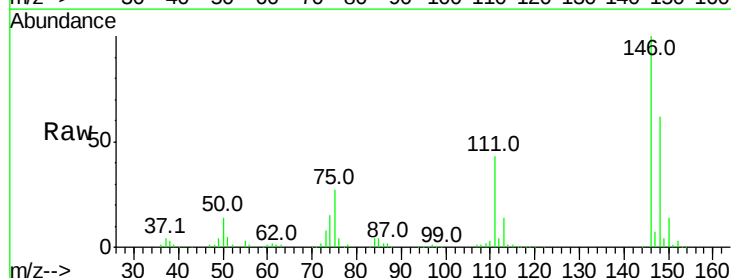


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

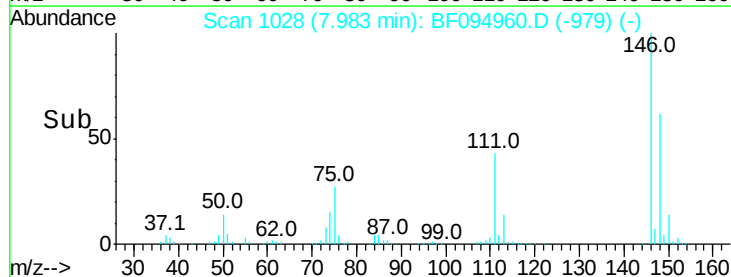
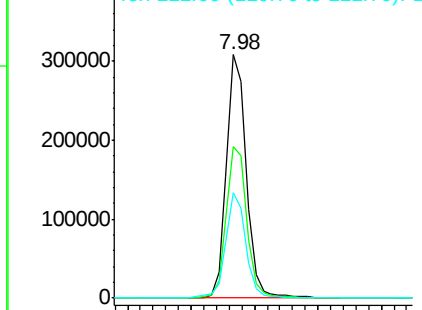


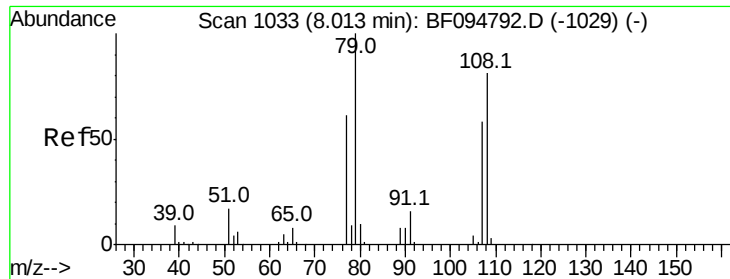
#14
 1,2-Dichlorobenzene
 Concen: 46.99 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:146 Resp: 334250
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.4 75.6
 111 43.4 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: 55.05 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

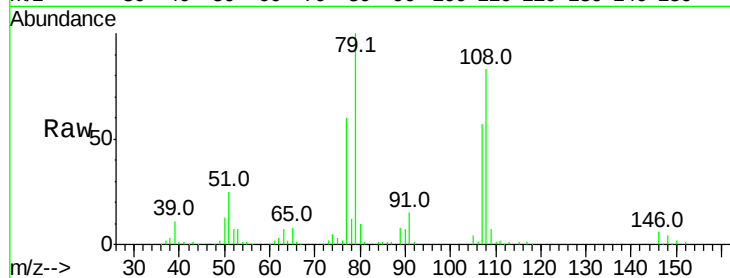
Tot Ion: 79 Resp: 247250

Ion Ratio Lower Upper

79 100

108 83.4 63.4 95.0

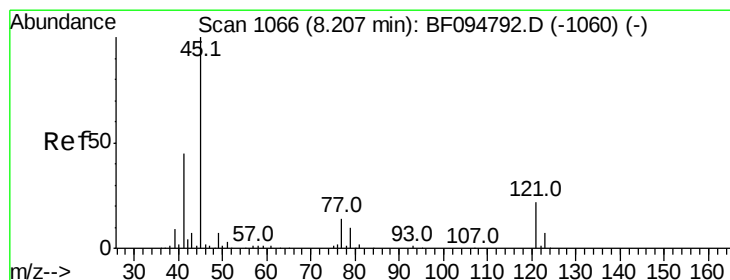
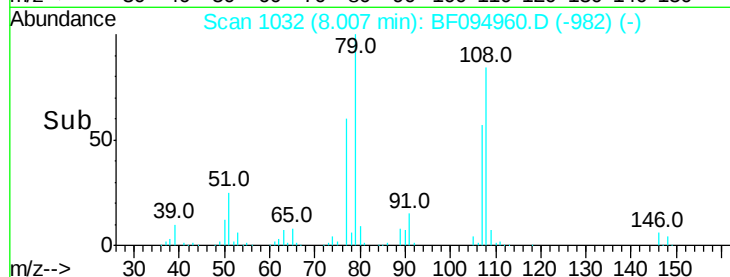
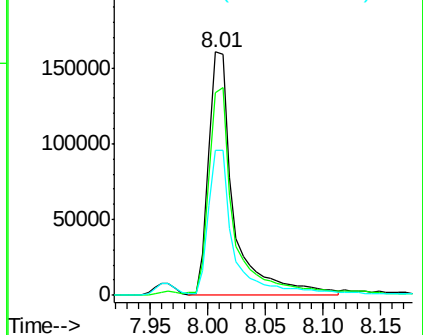
77 59.7 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.40 ng

RT: 8.21 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

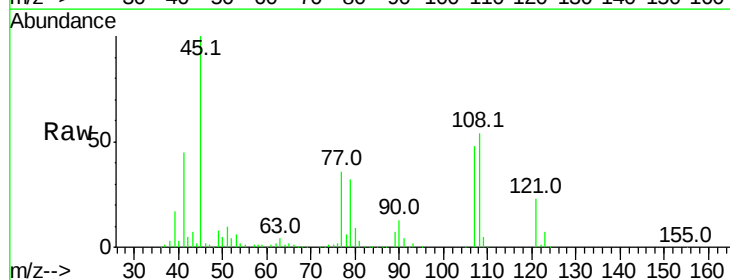
Tgt Ion: 45 Resp: 381776

Ion Ratio Lower Upper

45 100

77 35.7 0.0 33.2#

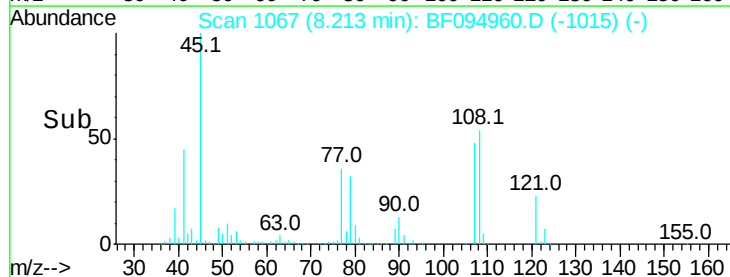
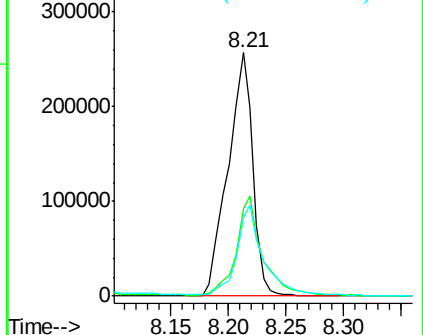
79 32.2 0.0 30.0#

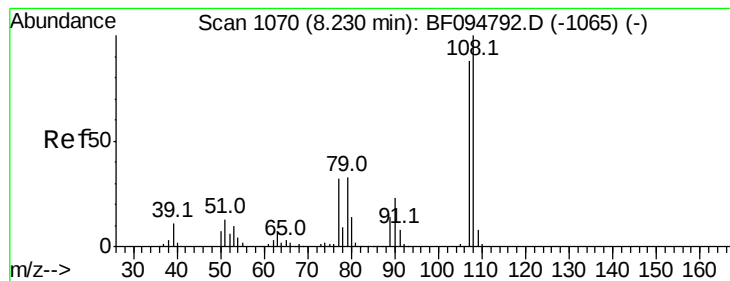


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 49.32 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 267349

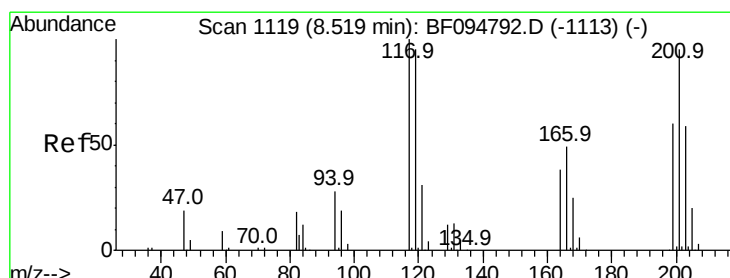
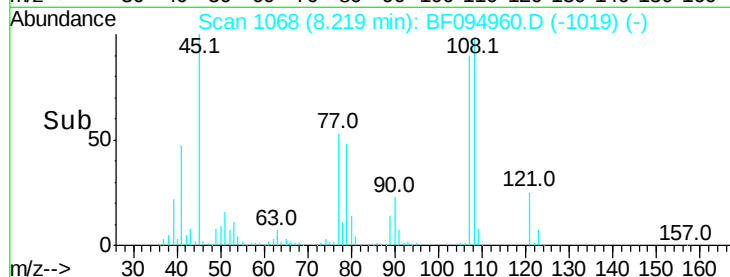
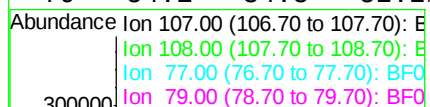
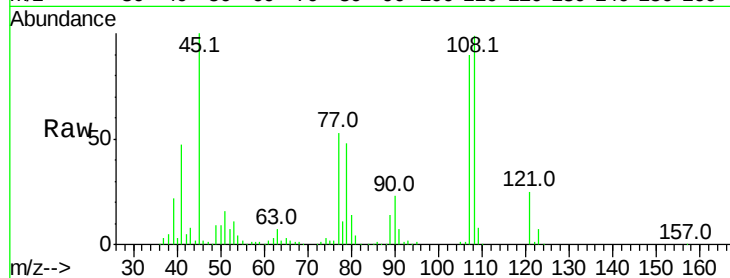
Ion Ratio Lower Upper

107 100

108 110.1 93.4 140.0

77 59.3 35.8 53.6#

79 54.1 34.8 52.2#



#18

Hexachloroethane

Concen: 45.63 ng

RT: 8.50 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

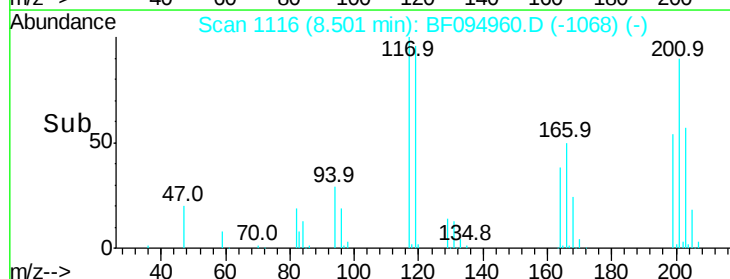
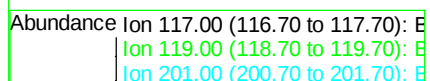
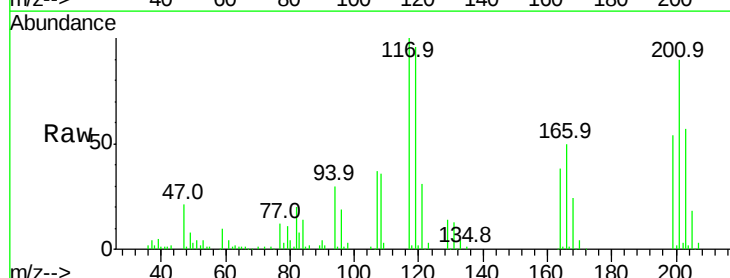
Tgt Ion:117 Resp: 117786

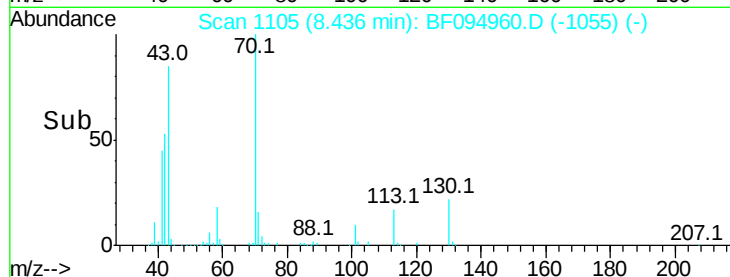
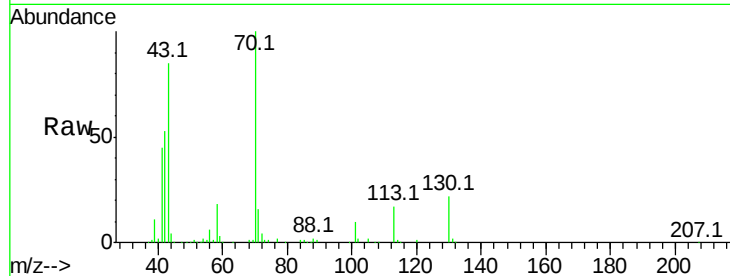
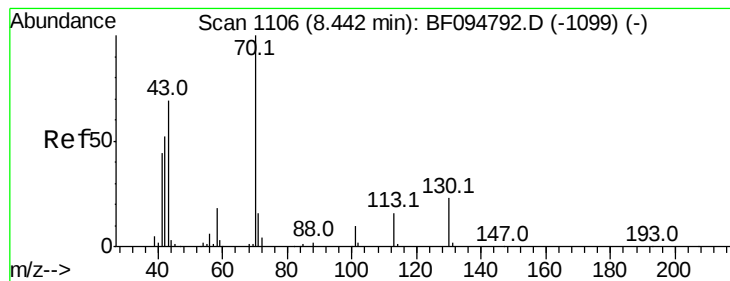
Ion Ratio Lower Upper

117 100

119 95.8 77.4 116.0

201 90.0 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 48.79 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 230433

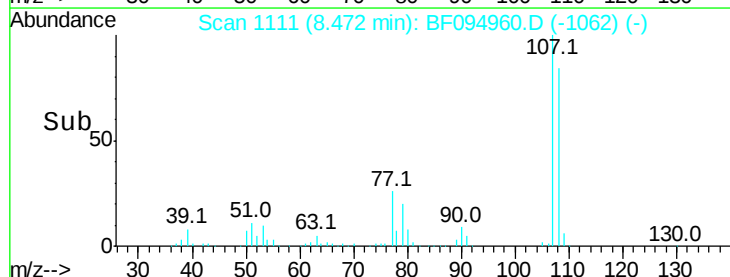
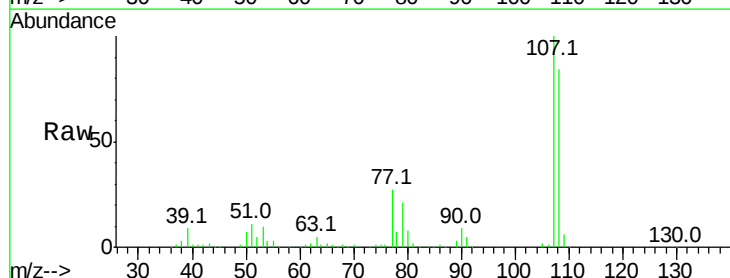
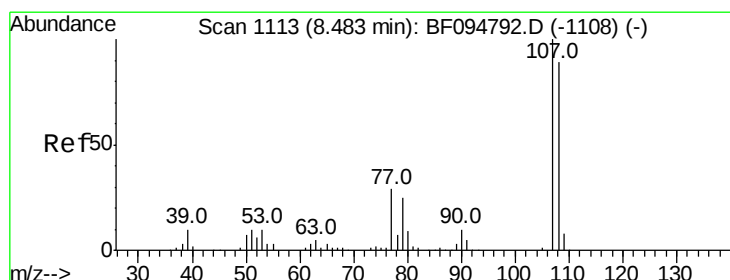
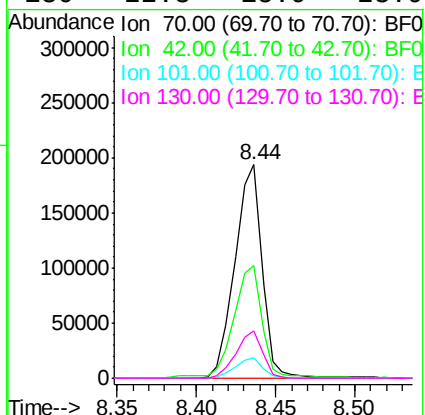
Ion Ratio Lower Upper

70 100

42 53.0 47.2 70.8

101 9.7 7.2 10.8

130 22.3 15.9 23.9



#20

3+4-Methylphenols

Concen: 48.72 ng

RT: 8.47 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion:107 Resp: 358862

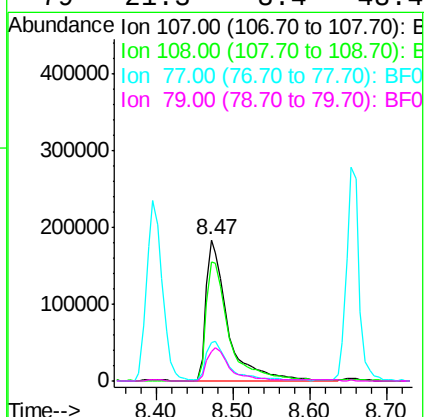
Ion Ratio Lower Upper

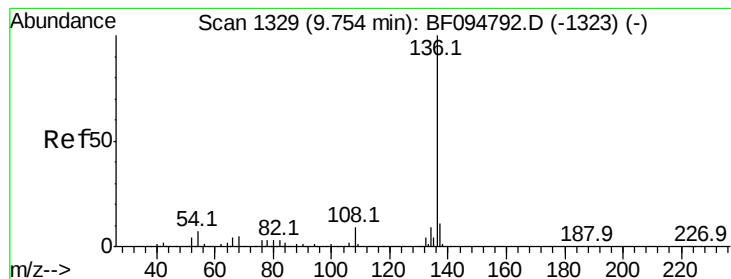
107 100

108 83.9 71.0 111.0

77 27.2 90.5 130.5#

79 21.3 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 401438

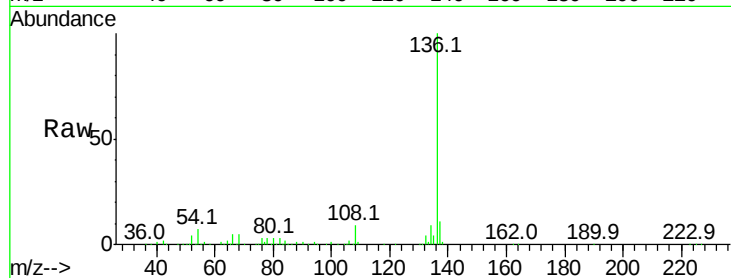
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

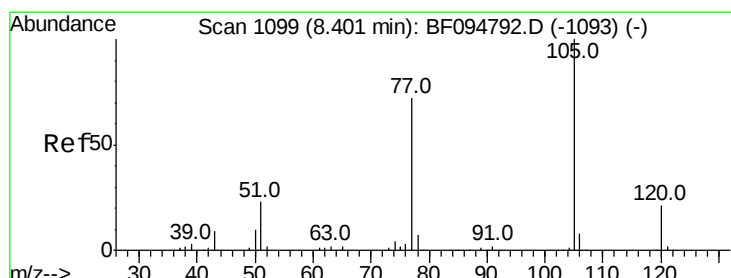
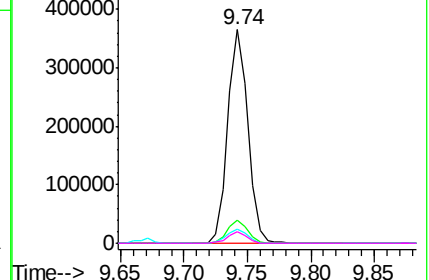
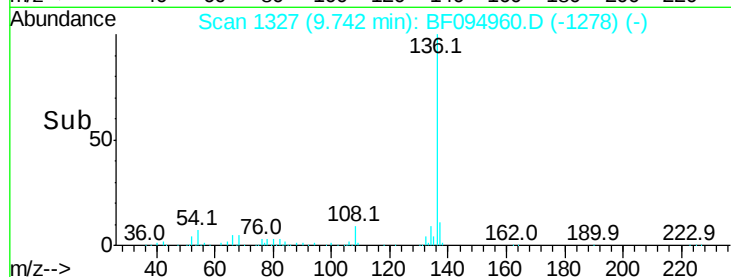


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.89 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion:105 Resp: 461267

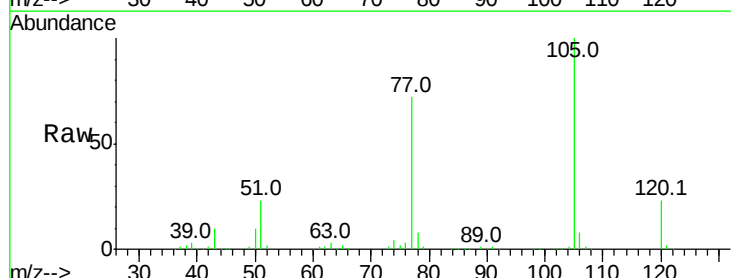
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.4 30.7 46.1#

120 22.7 17.4 26.0

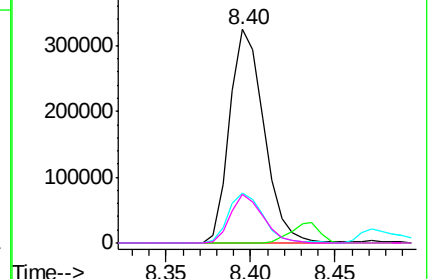
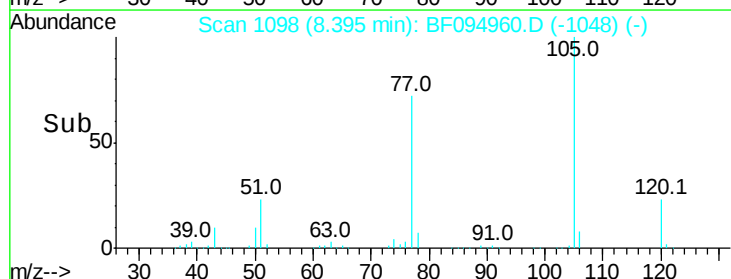


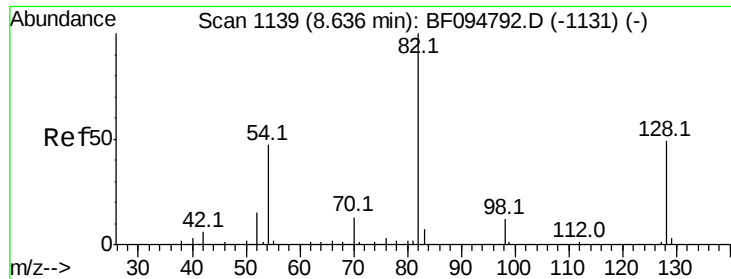
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

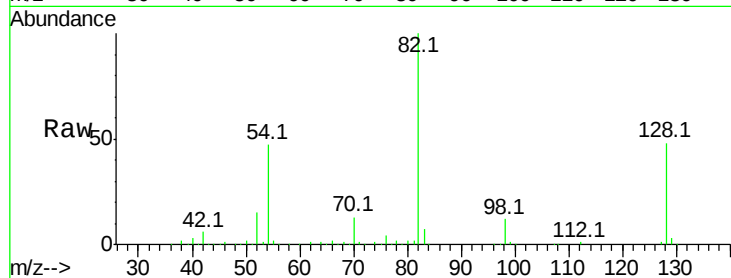




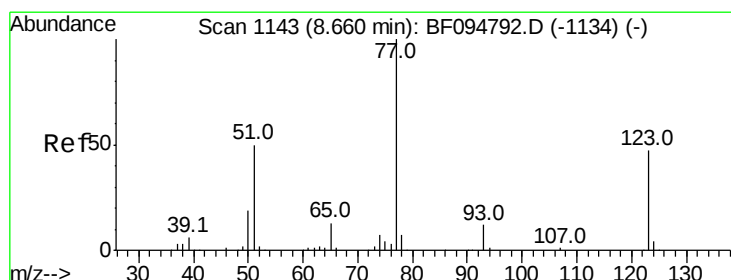
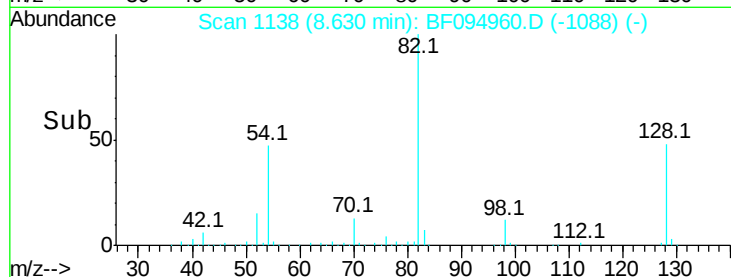
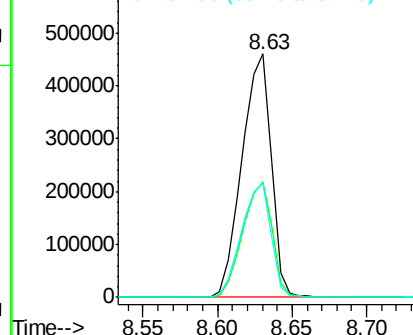
#23
Nitrobenzene-d5
Concen: 99.17 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 631342
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 47.1 42.2 63.2

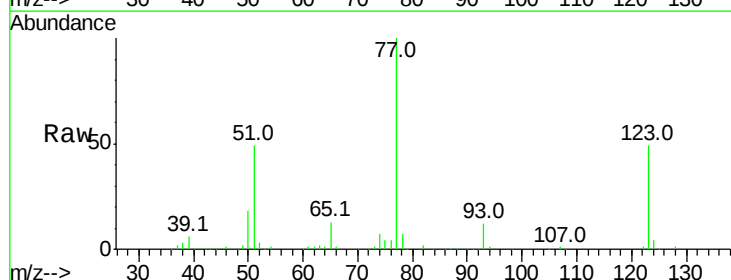


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

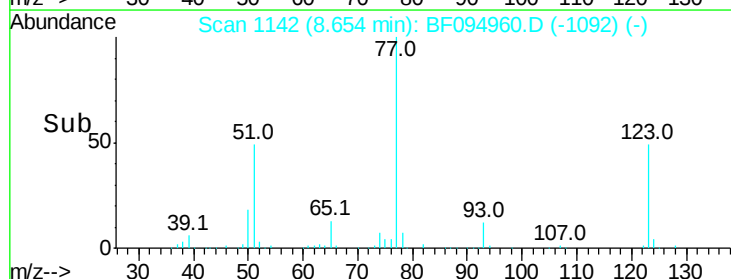
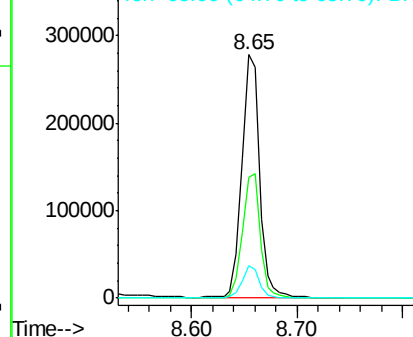


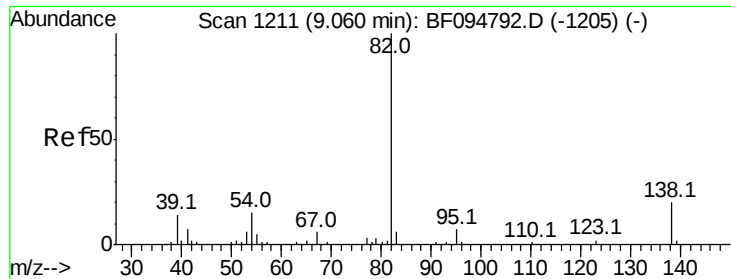
#24
Nitrobenzene
Concen: 47.80 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion: 77 Resp: 318984
Ion Ratio Lower Upper
77 100
123 49.4 35.8 53.8
65 13.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 51.61 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :

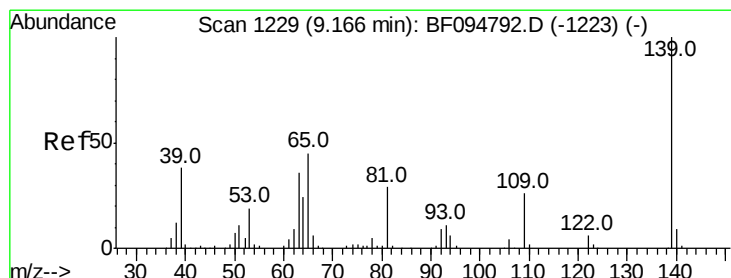
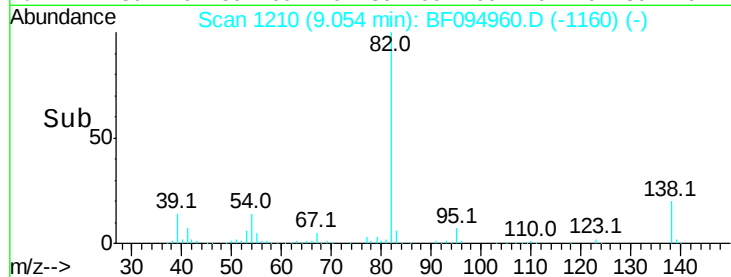
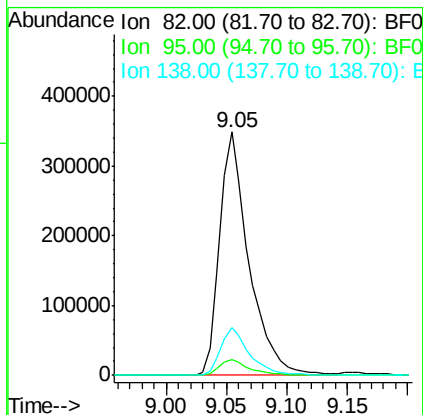
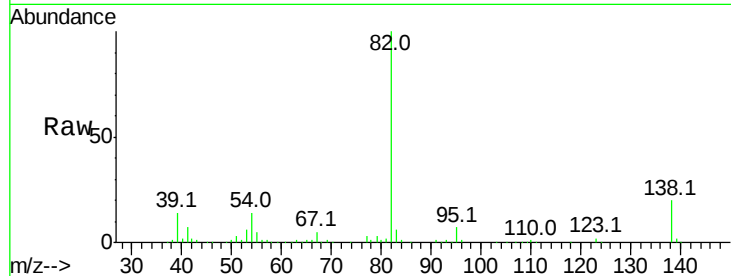
Tot Ion: 82 Resp: 586717

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 50.82 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

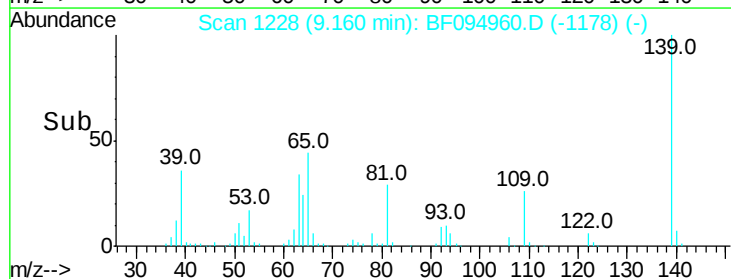
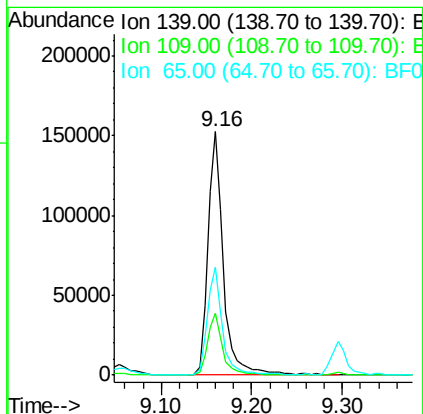
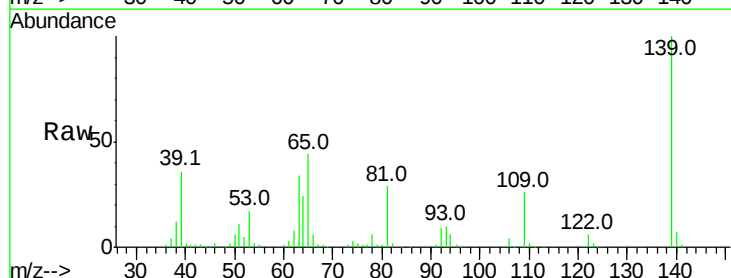
Tgt Ion:139 Resp: 182981

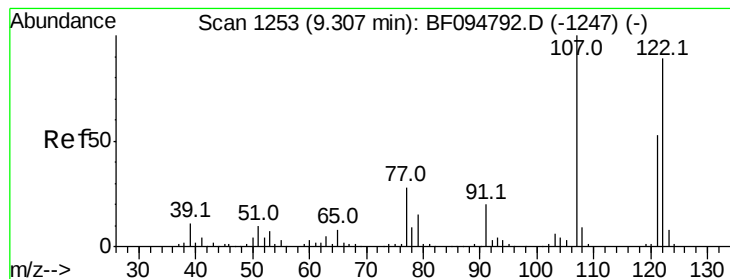
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 44.4 33.0 49.6

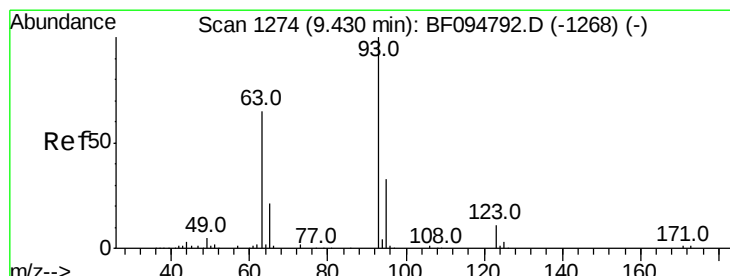
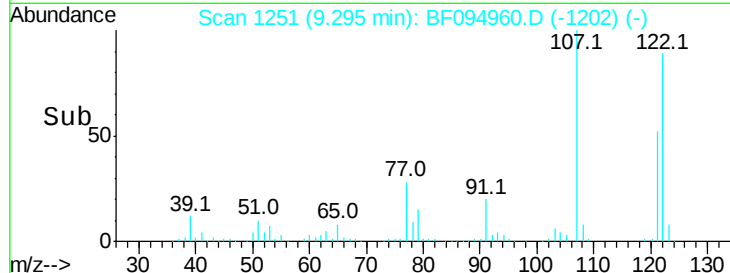
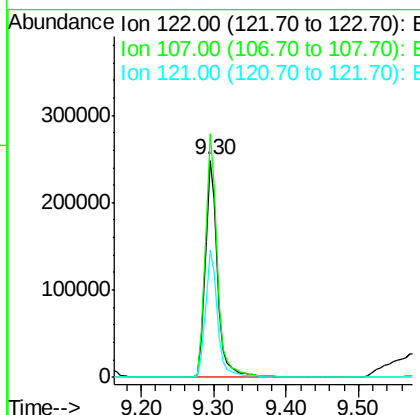
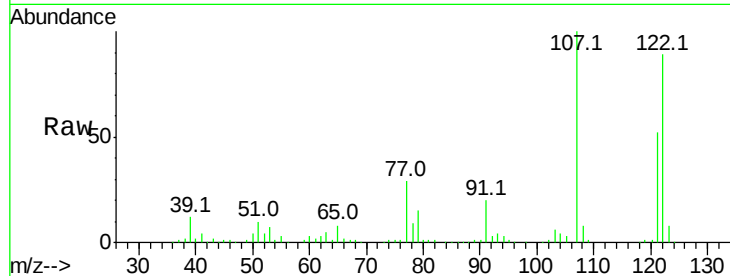




#27
 2,4-Dimethylphenol
 Concen: 50.47 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

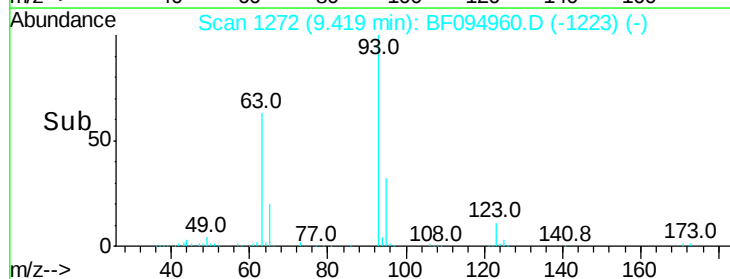
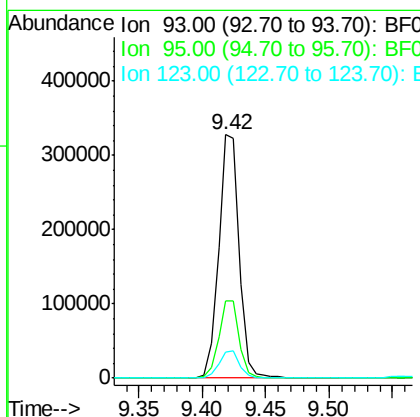
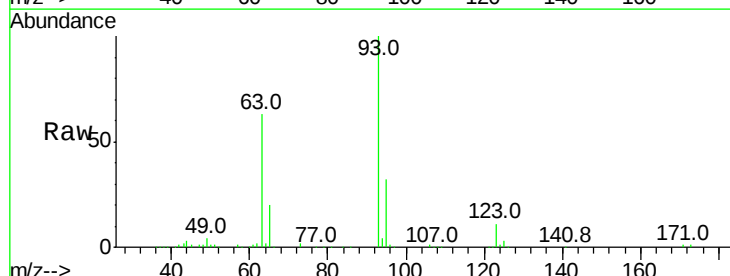
Instrument :
 BNA_F
 ClientSampleId :

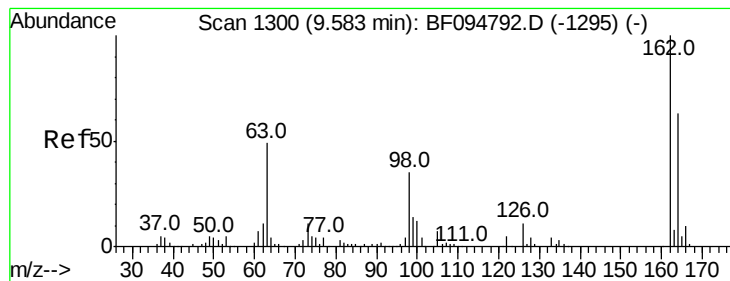
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.2	133.8
121	58.8	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.13 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	10.7	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 49.95 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

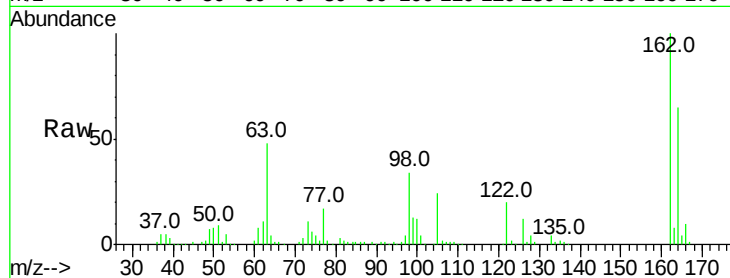
Tot Ion:162 Resp: 274574

Ion Ratio Lower Upper

162 100

164 64.7 44.6 84.6

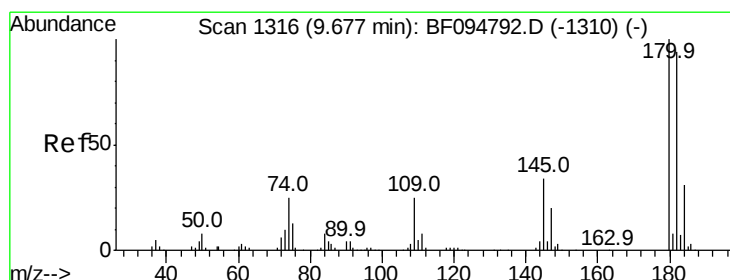
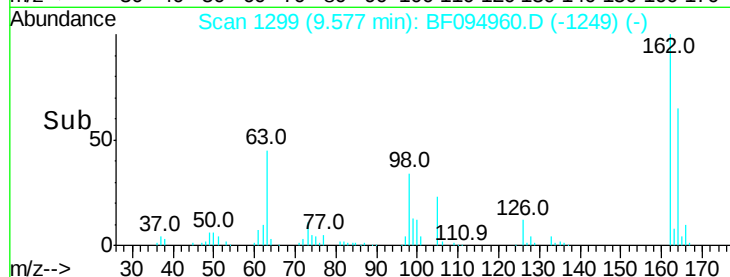
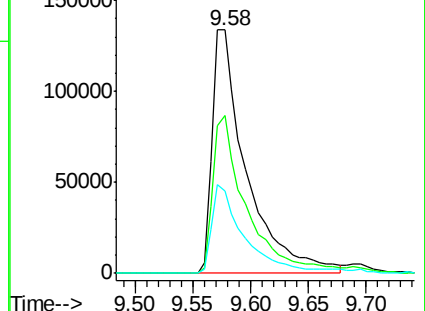
98 33.7 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 45.98 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

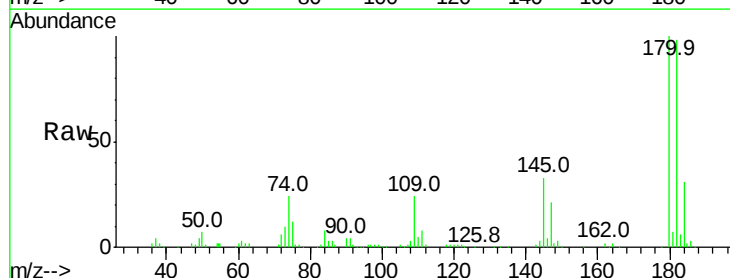
Tgt Ion:180 Resp: 270799

Ion Ratio Lower Upper

180 100

182 97.6 75.8 113.6

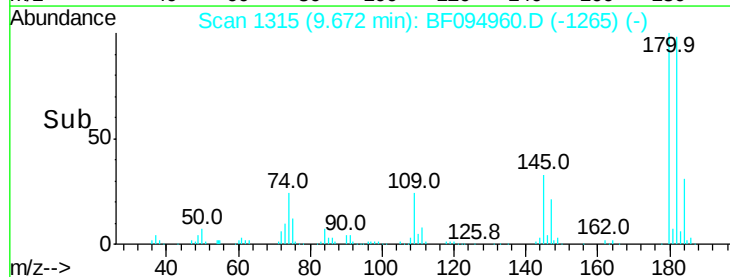
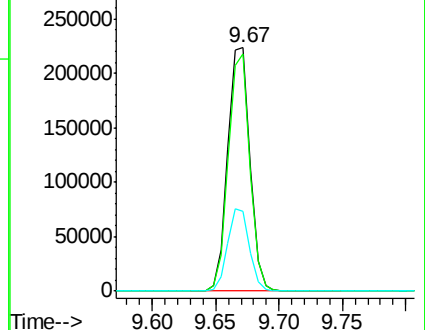
145 32.5 25.3 37.9

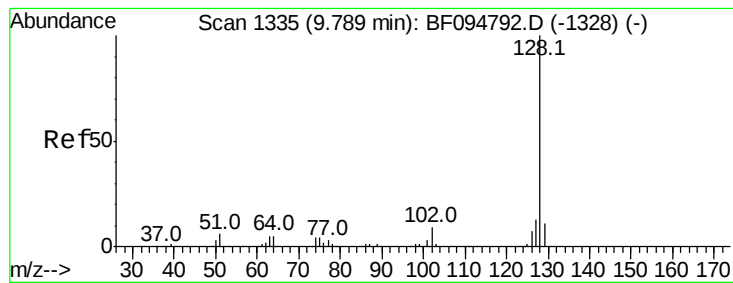


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.04 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampled :

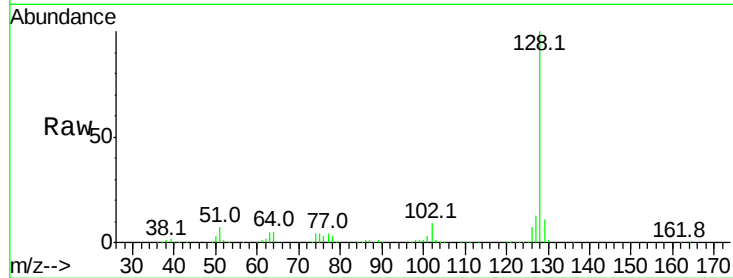
Tot Ion:128 Resp: 908643

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

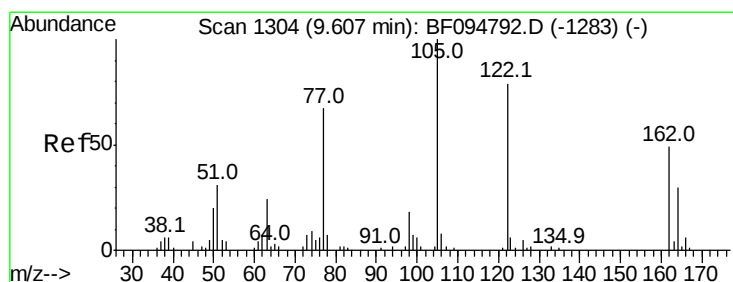
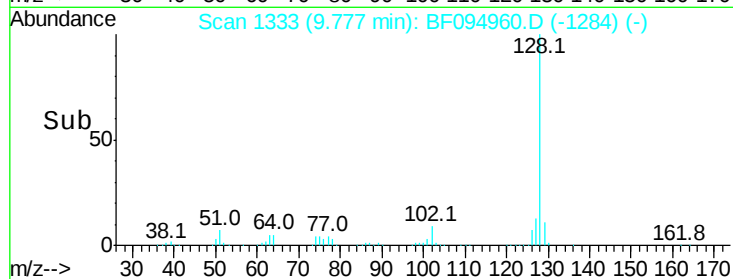
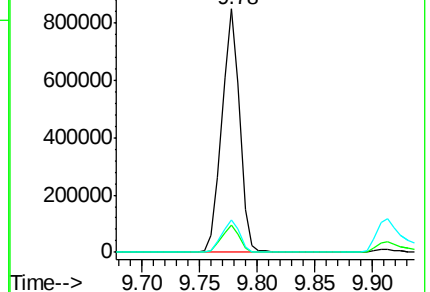
127 13.3 10.8 16.2



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: 28.21 ng

RT: 9.59 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

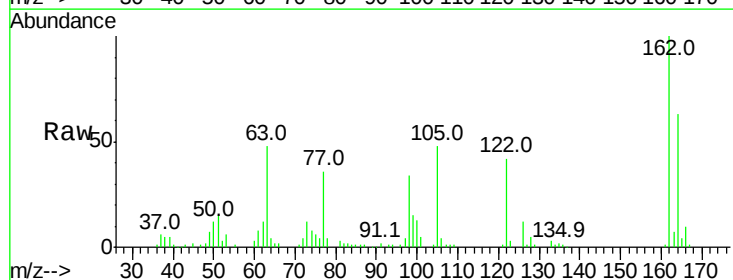
Tgt Ion:122 Resp: 98885

Ion Ratio Lower Upper

122 100

105 114.2 103.3 143.3

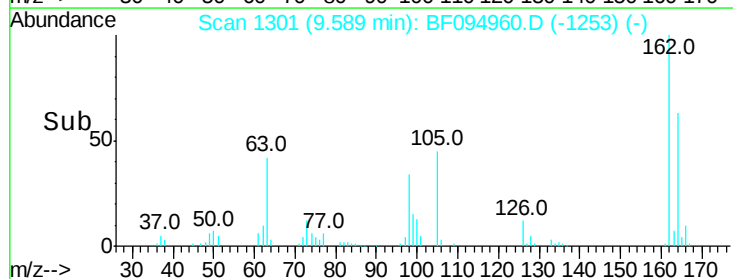
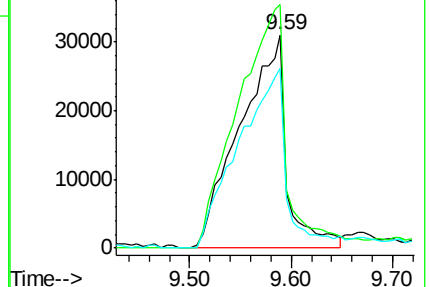
77 84.4 73.7 113.7

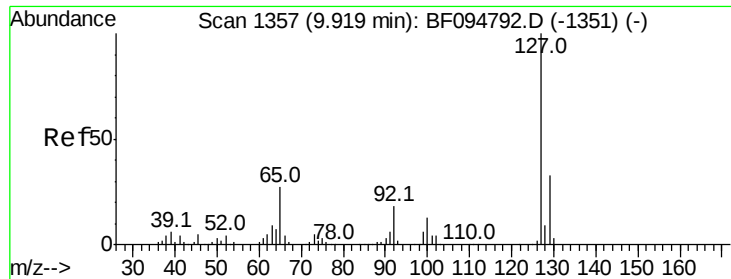


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

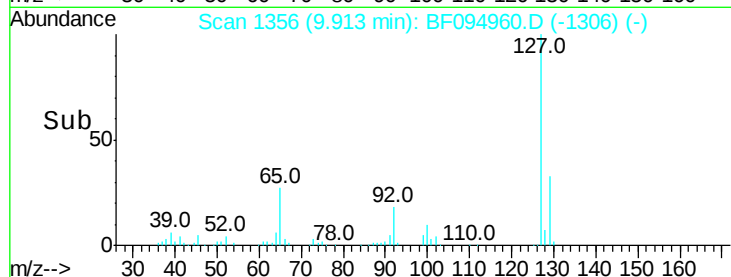
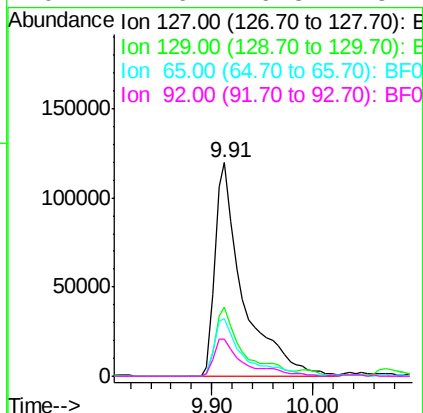
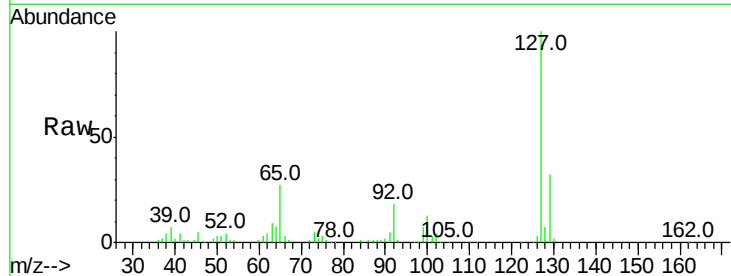




#33
 4-Chloroaniline
 Concen: 30.69 ng
 RT: 9.91 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

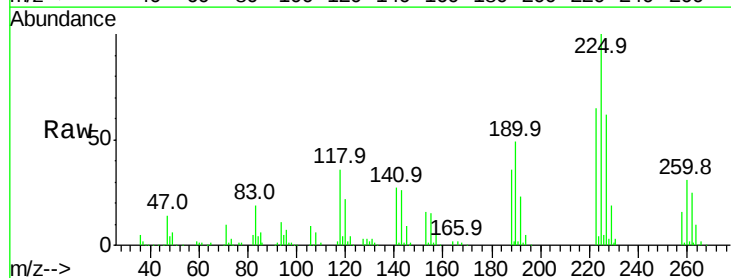
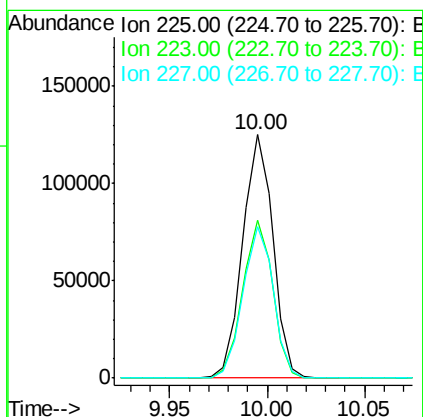
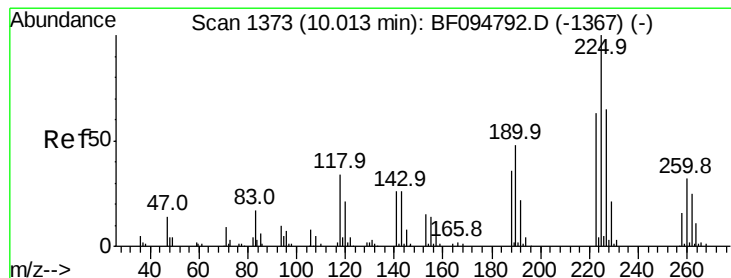
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	230779
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	27.2	27.8	41.8#
92	17.6	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 43.37 ng
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:	225	Resp:	134771
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	62.2	51.1	76.7





#35

Caprolactam

Concen: 3.55 ng

RT: 10.73 min Scan# 1495

Delta R.T. 0.19 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampled :

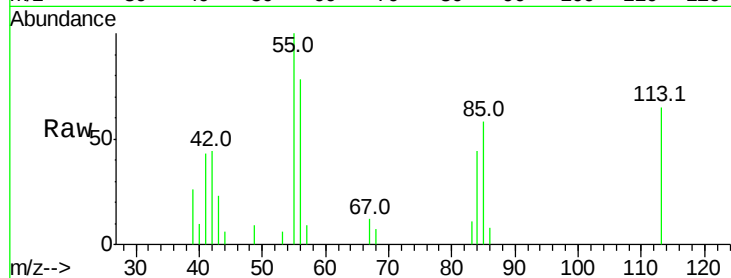
Tot Ion:113 Resp: 5853

Ion Ratio Lower Upper

113 100

55 154.7 150.2 190.2

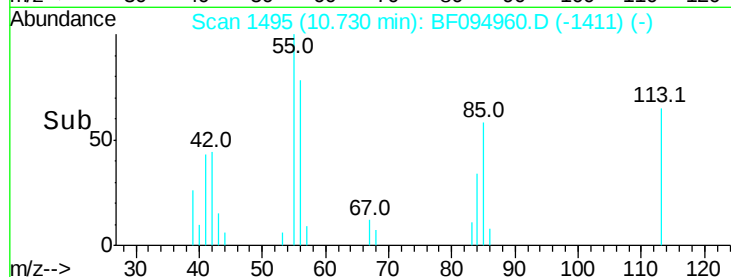
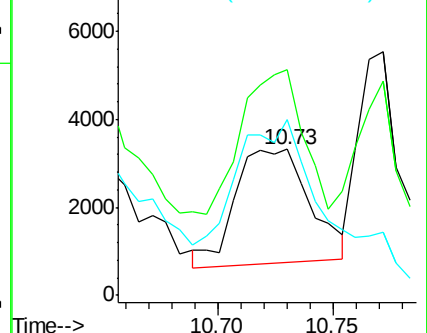
56 120.6 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.57 ng

RT: 10.77 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

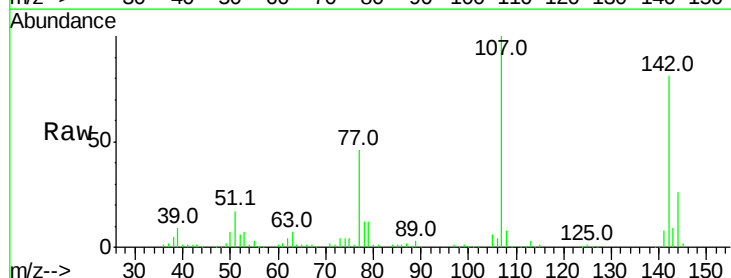
Tgt Ion:107 Resp: 291295

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

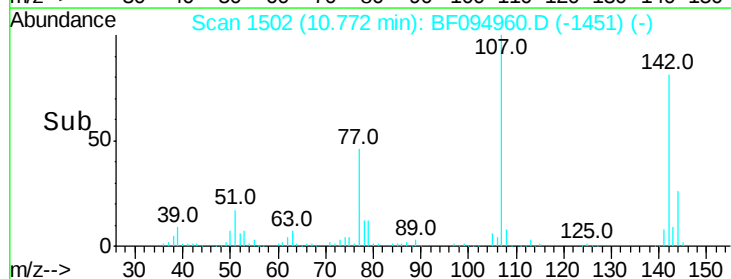
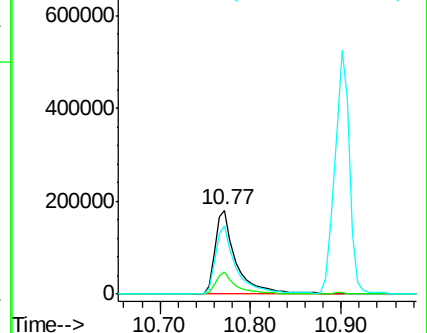
142 81.4 73.4 110.0

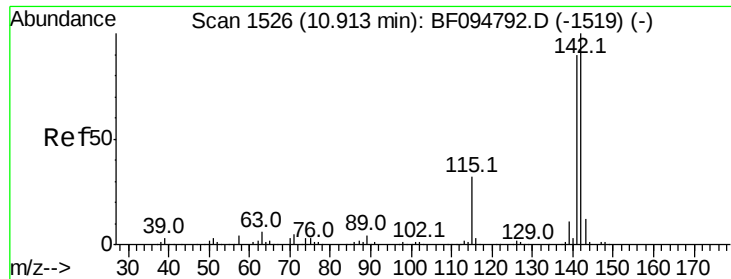


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

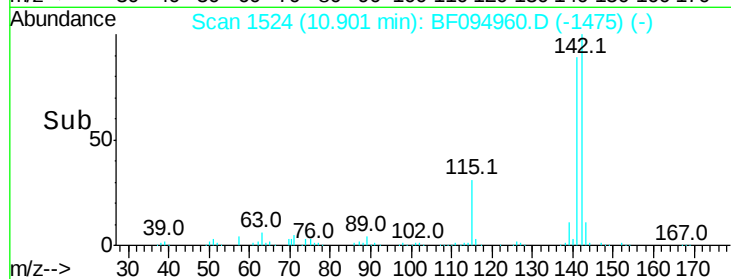
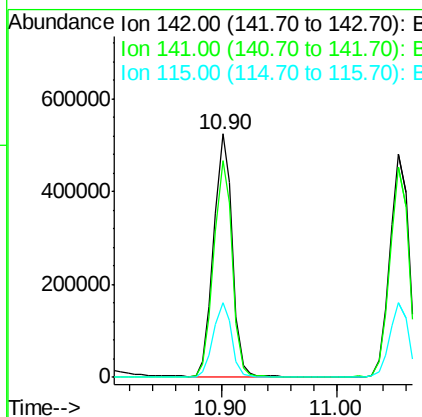
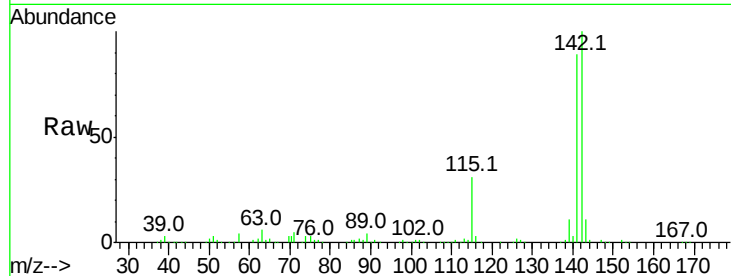




#37
2-Methylnaphthalene
Concen: 44.49 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

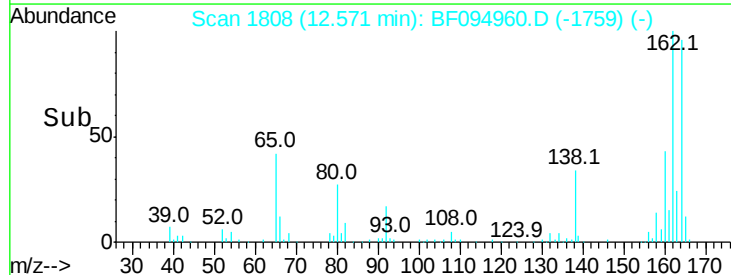
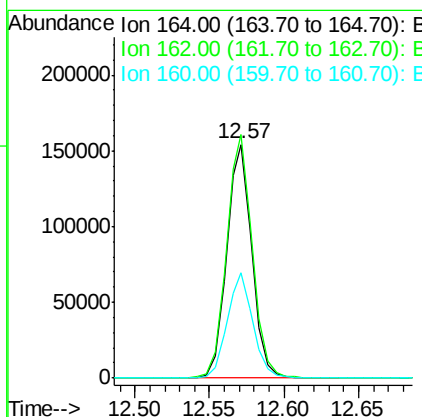
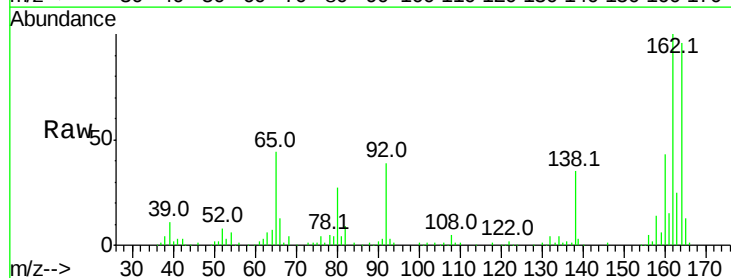
Instrument :
BNA_F
ClientSampleId :

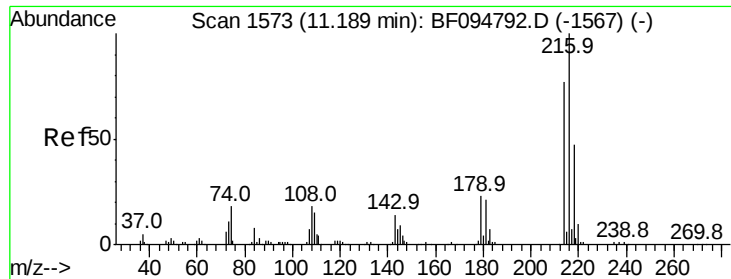
Tot Ion:142 Resp: 589150
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 30.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion:164 Resp: 181526
Ion Ratio Lower Upper
164 100
162 104.3 82.6 123.8
160 45.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.33 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 247492

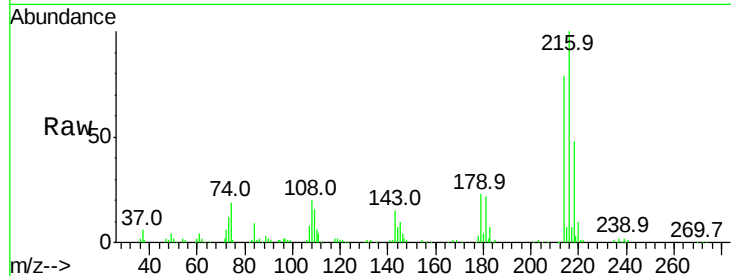
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.4 17.9 26.9

108 20.5 16.5 24.7

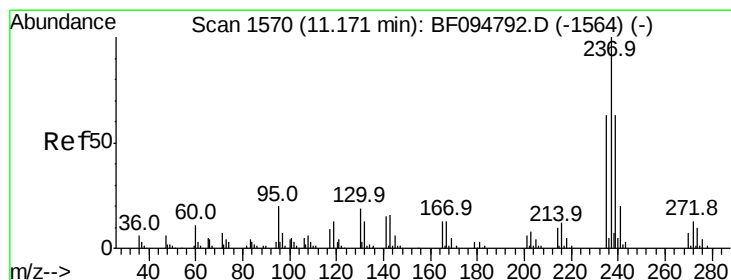
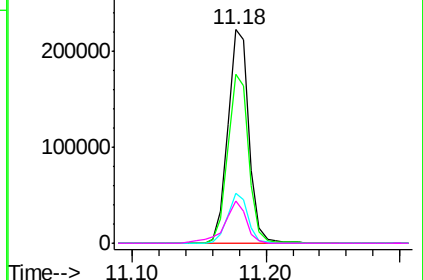
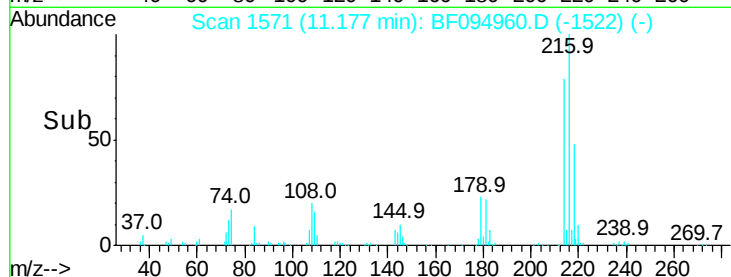


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.02 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

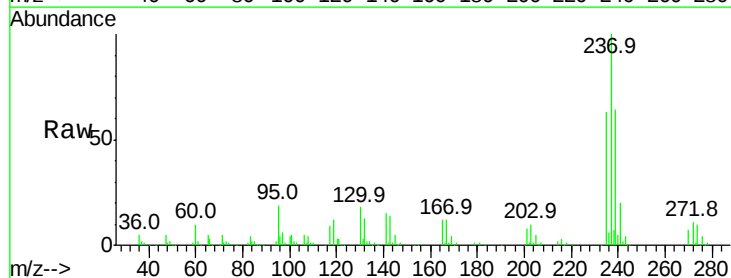
Tgt Ion:237 Resp: 177642

Ion Ratio Lower Upper

237 100

235 62.5 42.6 82.6

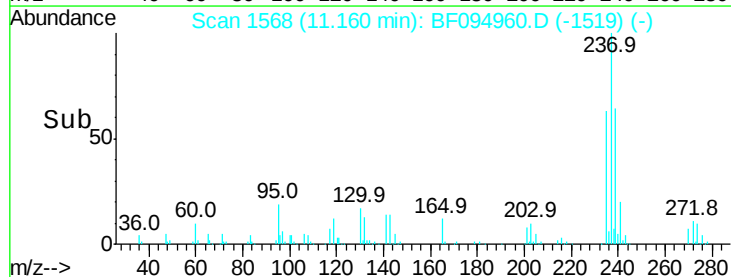
272 11.3 0.0 31.9



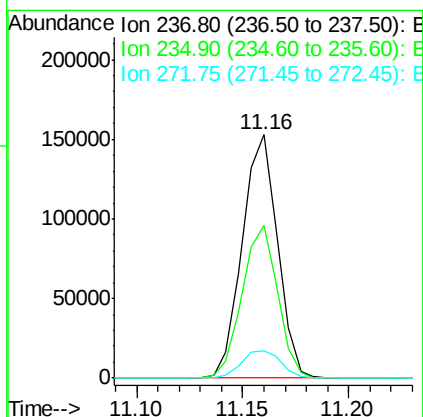
Abundance Ion 236.80 (236.50 to 237.50): E

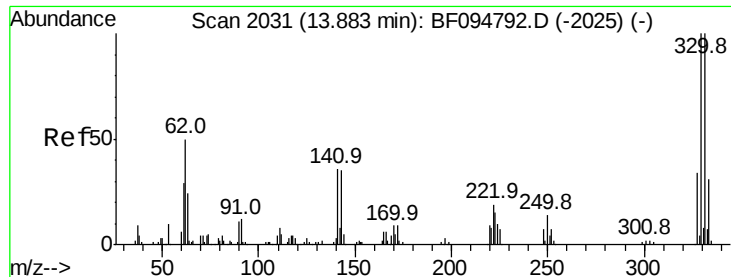
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

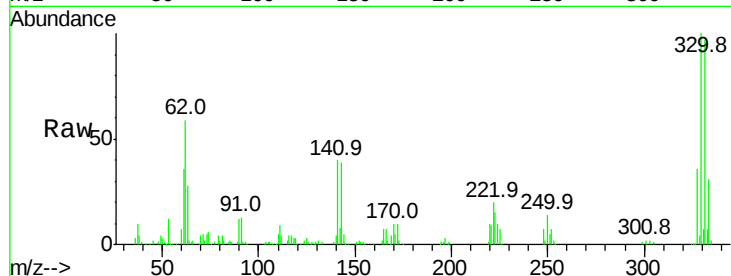




#41
 2,4,6-Tribromophenol
 Concen: 136.44 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	39.2	31.4	47.2

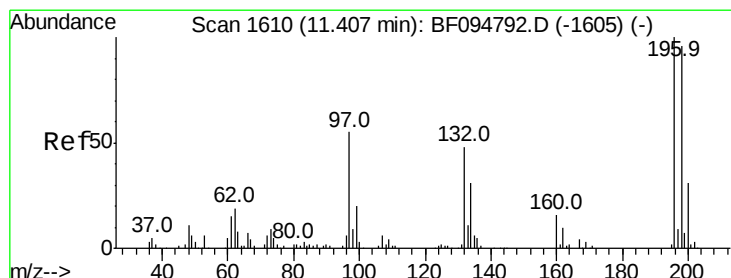
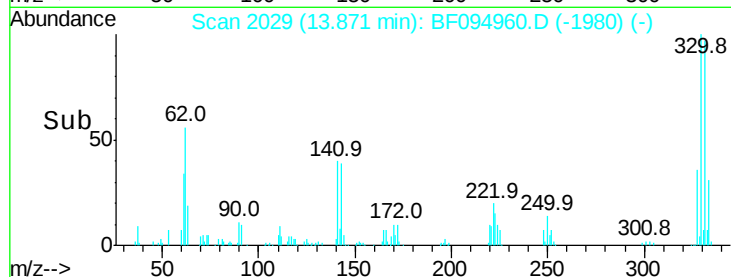
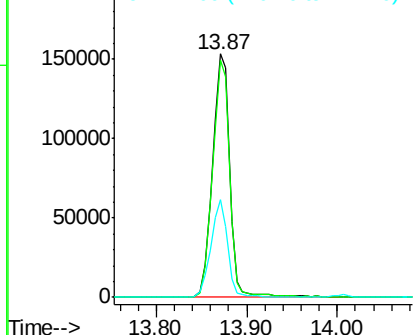


Abundance

Ion 329.80 (329.50 to 330.50): E

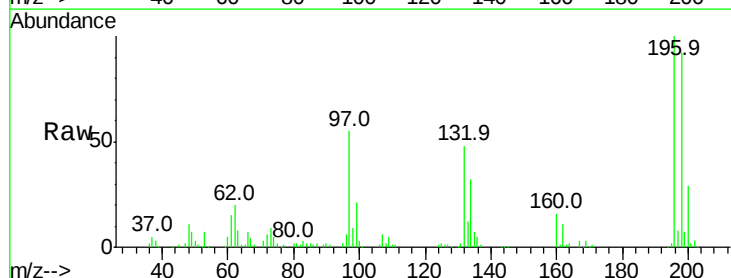
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.48 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	74.2	111.4
200	29.0	24.0	36.0

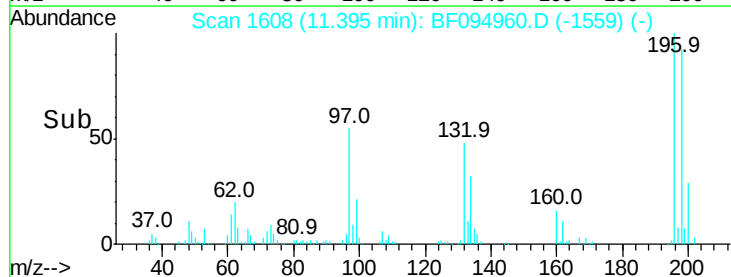
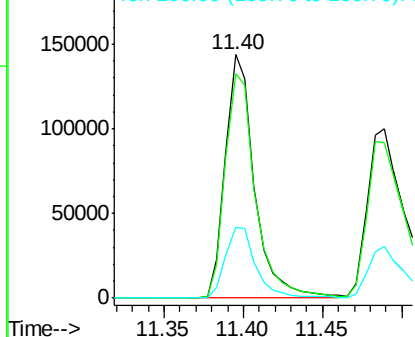


Abundance

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

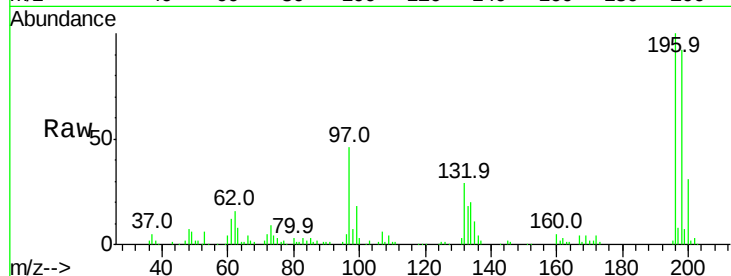




#43
 2,4,5-Trichlorophenol
 Concen: 47.06 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.1	75.7	113.5
97	45.6	47.7	71.5#
132	28.8	28.0	42.0



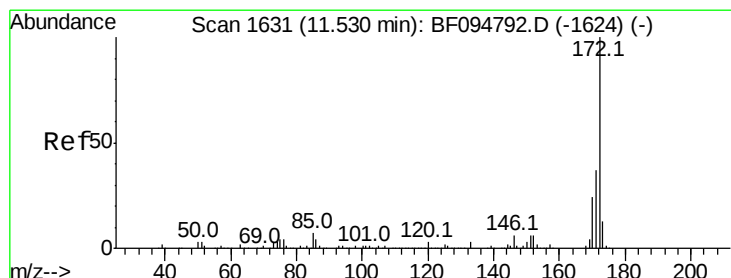
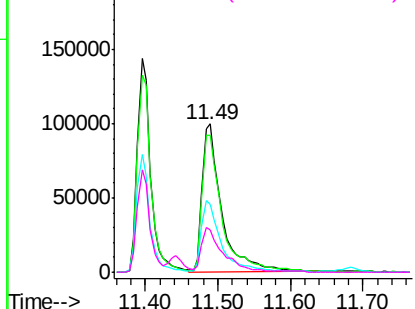
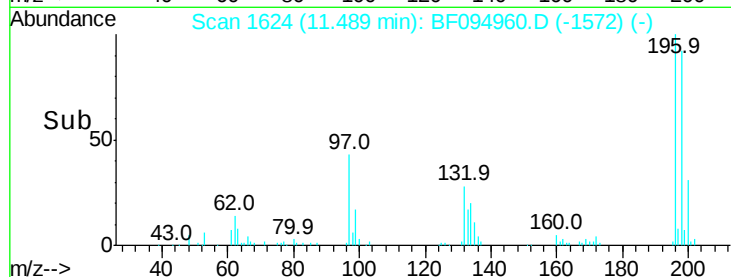
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

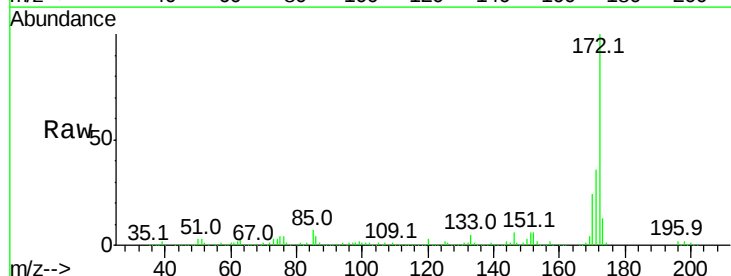
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.27 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.5	19.8	29.8

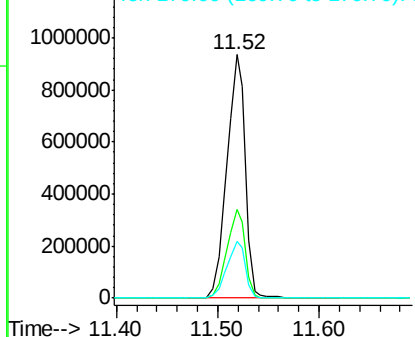
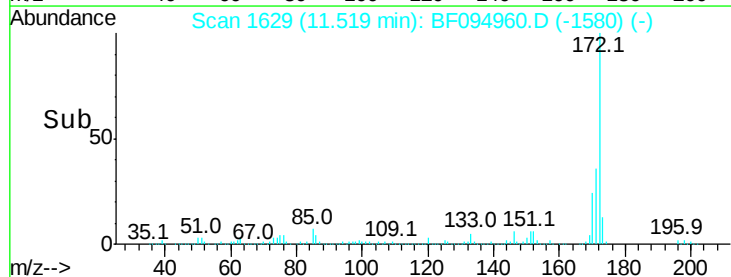


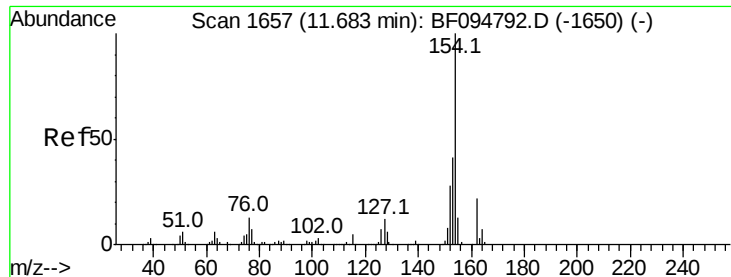
Abundance

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: 42.91 ng

RT: 11.67 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

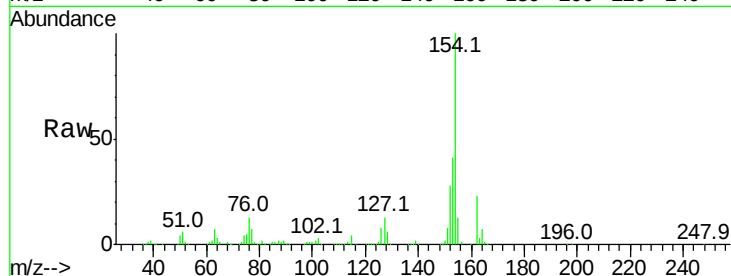
Tot Ion:154 Resp: 655826

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

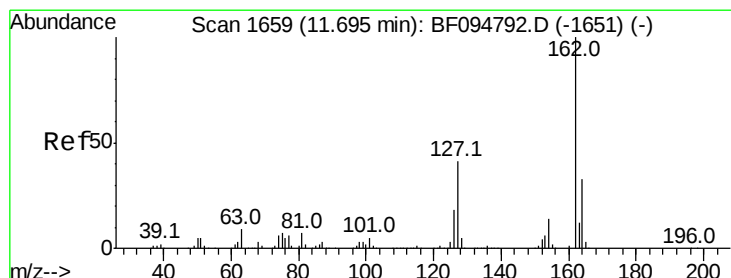
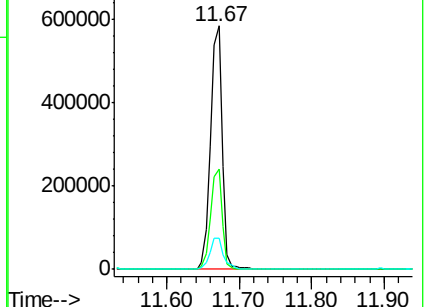
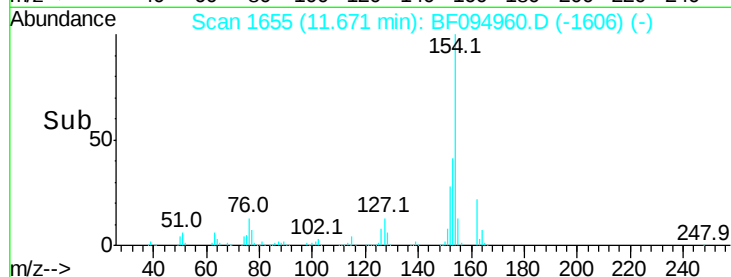
76 12.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.77 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

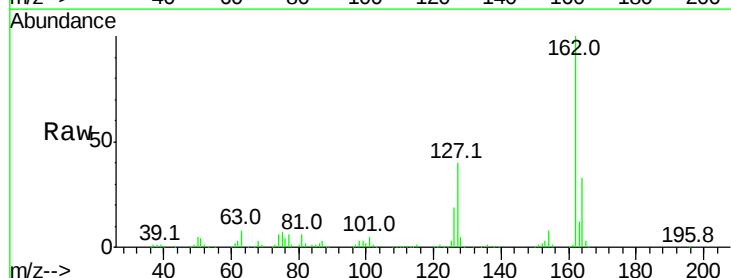
Tgt Ion:162 Resp: 527790

Ion Ratio Lower Upper

162 100

127 39.8 28.3 42.5

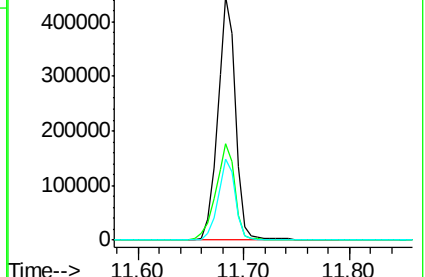
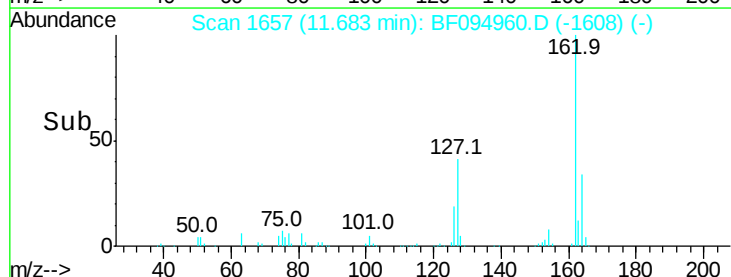
164 33.1 27.0 40.4



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

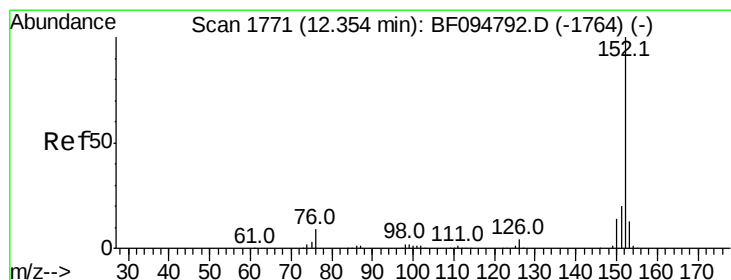
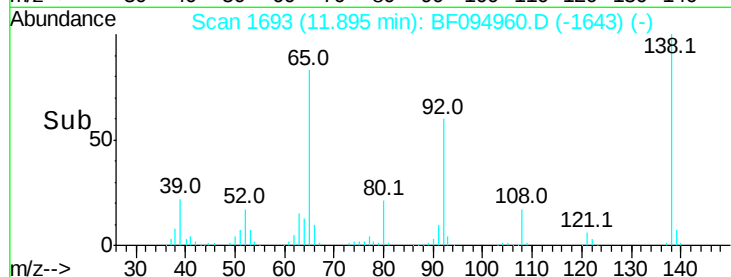
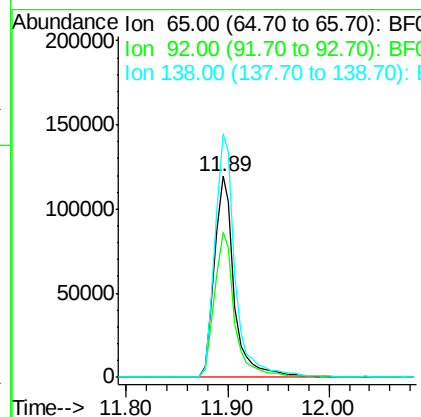
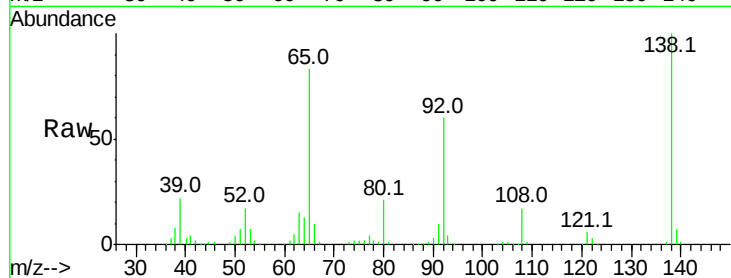




#47
 2-Nitroaniline
 Concen: 48.68 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

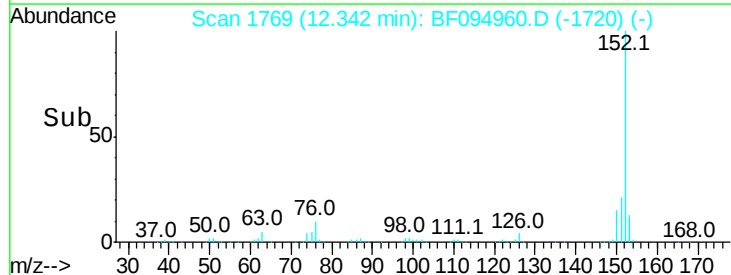
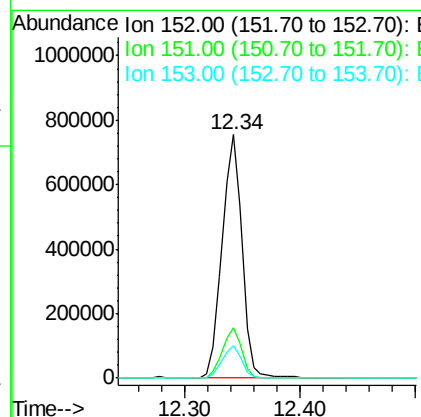
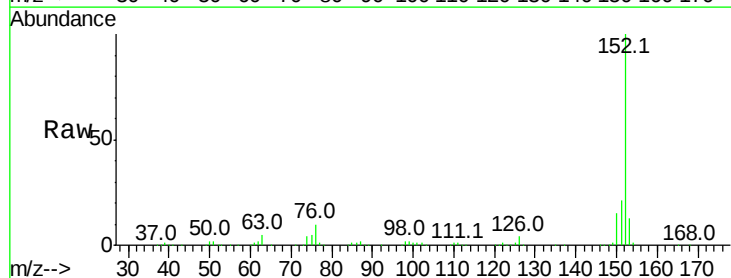
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 164424
 Ion Ratio Lower Upper
 65 100
 92 72.3 53.9 80.9
 138 121.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 46.80 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion: 152 Resp: 904613
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 57.32 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampled :

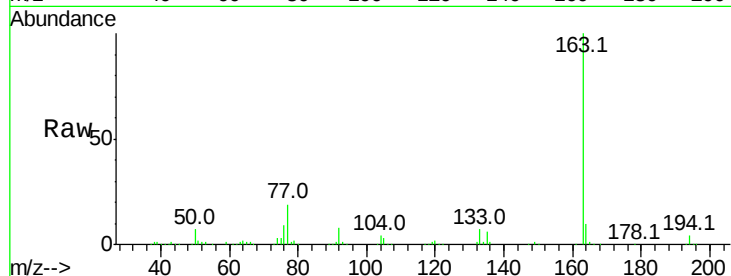
Tot Ion:163 Resp: 854211

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

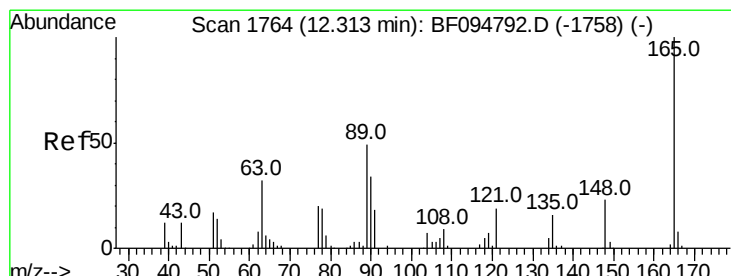
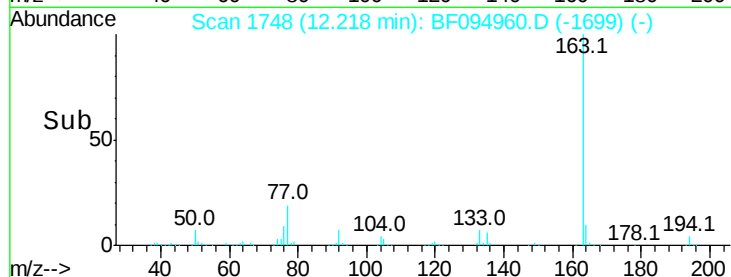
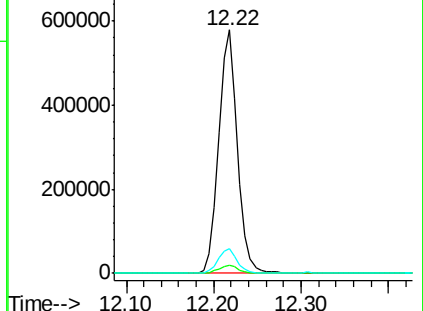
164 10.1 8.4 12.6



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: 49.75 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

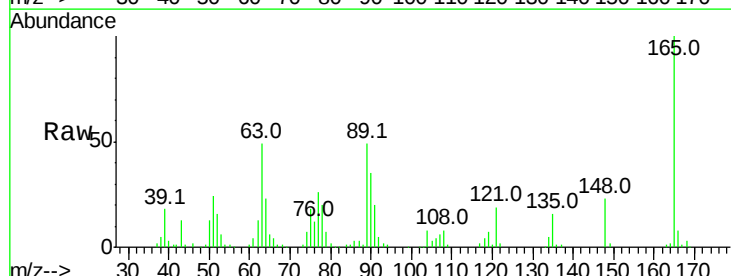
Tgt Ion:165 Resp: 151255

Ion Ratio Lower Upper

165 100

63 49.2 34.3 51.5

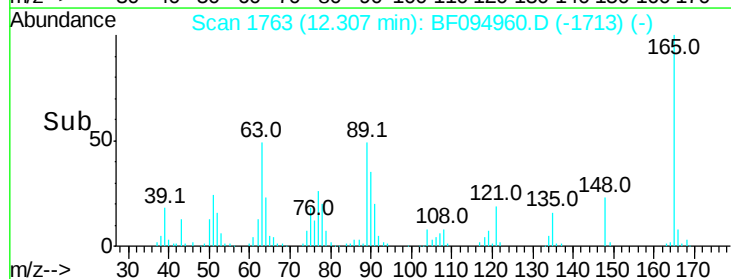
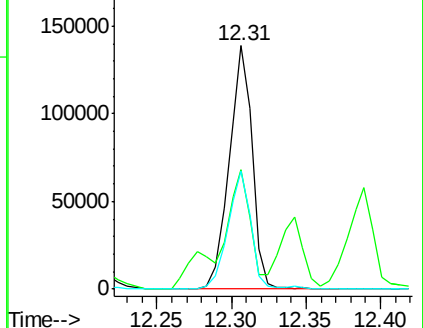
89 48.7 37.1 55.7

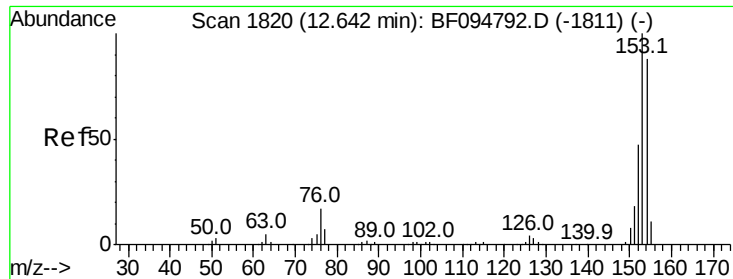


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.64 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

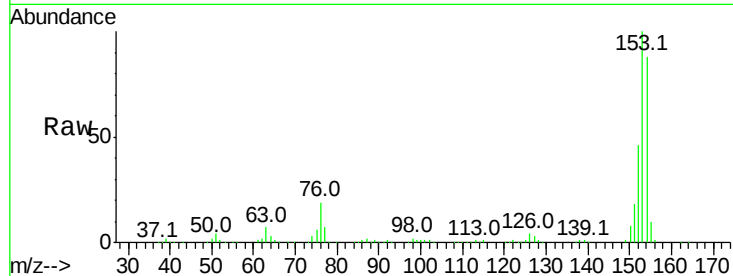
Tot Ion:154 Resp: 538515

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

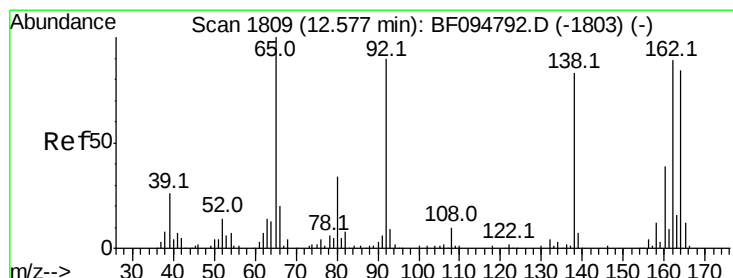
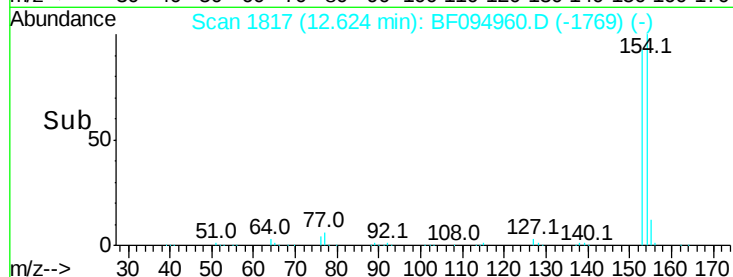
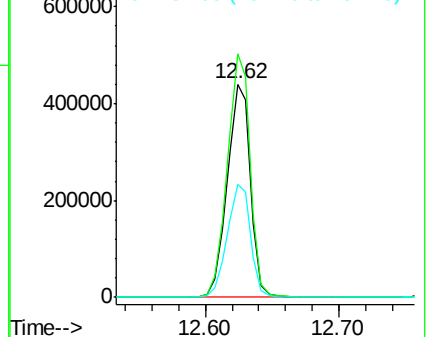
152 52.9 43.6 65.4



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: 34.68 ng

RT: 12.58 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

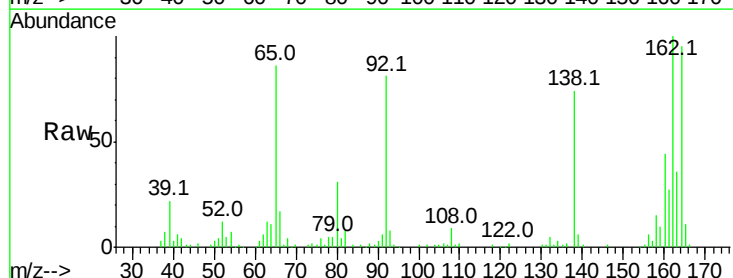
Tgt Ion:138 Resp: 113154

Ion Ratio Lower Upper

138 100

108 12.7 9.1 13.7

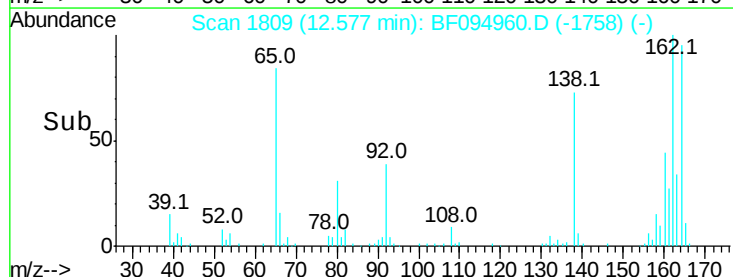
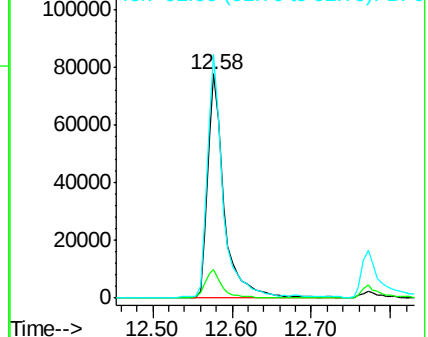
92 108.6 93.8 140.6

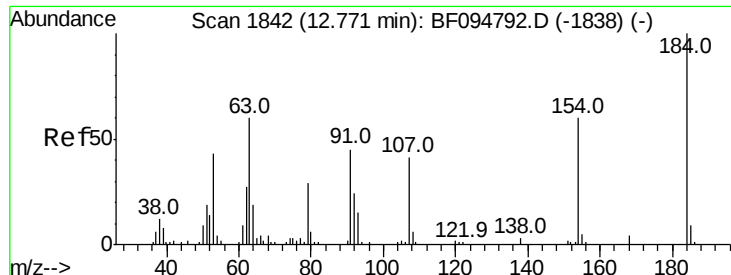


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

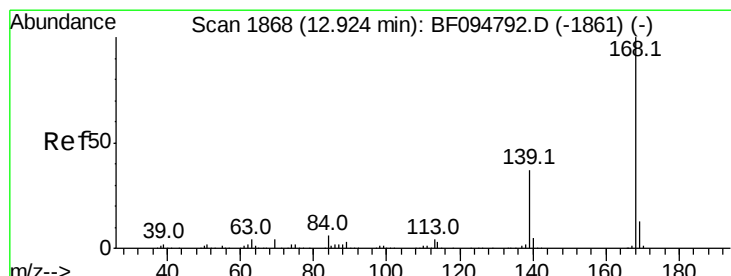
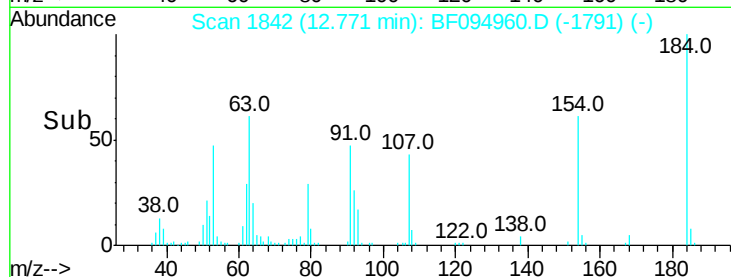
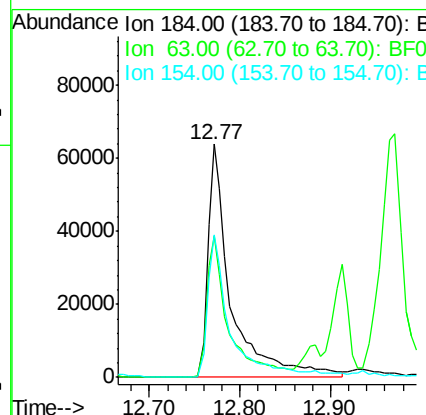
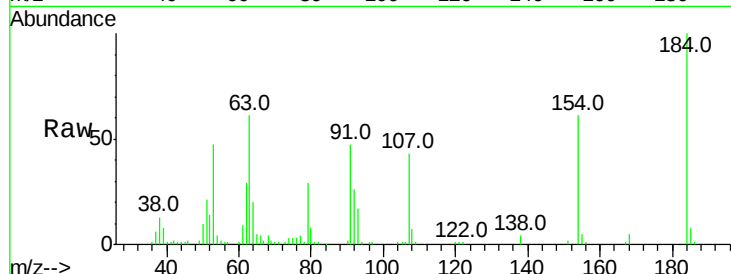




#53
 2,4-Dinitrophenol
 Concen: 68.79 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

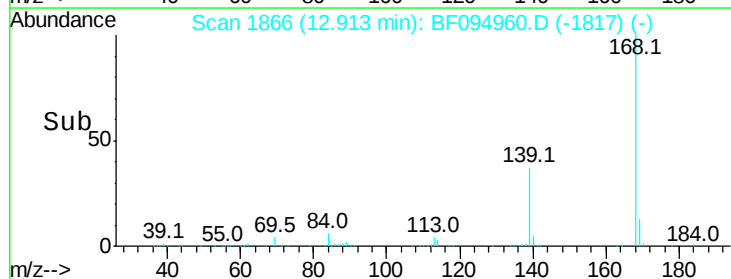
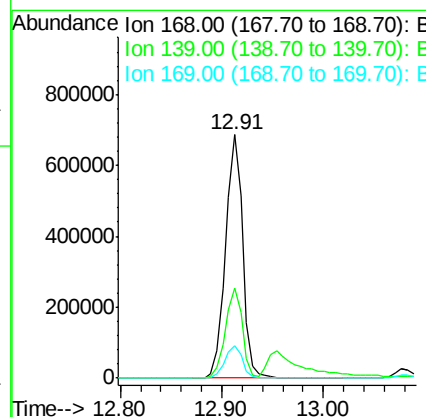
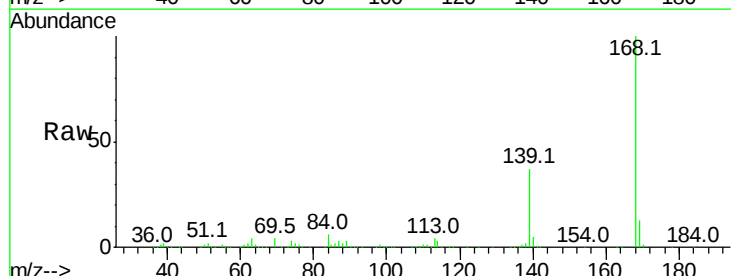
Instrument :
 BNA_F
 ClientSampled :

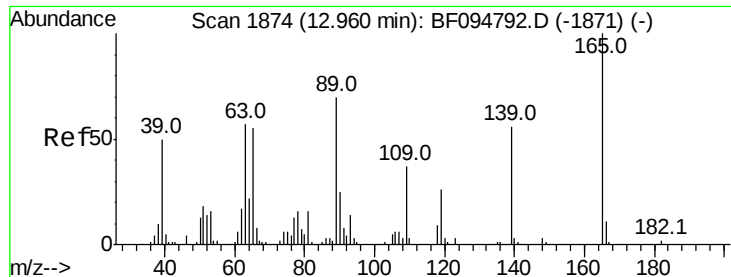
Tot Ion:184 Resp: 113600
 Ion Ratio Lower Upper
 184 100
 63 60.5 62.7 94.1#
 154 61.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 50.38 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:168 Resp: 804879
 Ion Ratio Lower Upper
 168 100
 139 37.1 30.6 45.8
 169 13.2 10.8 16.2

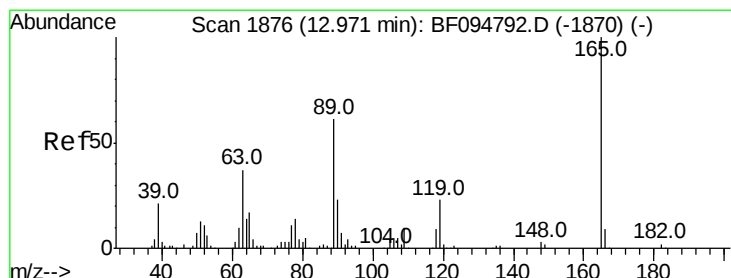
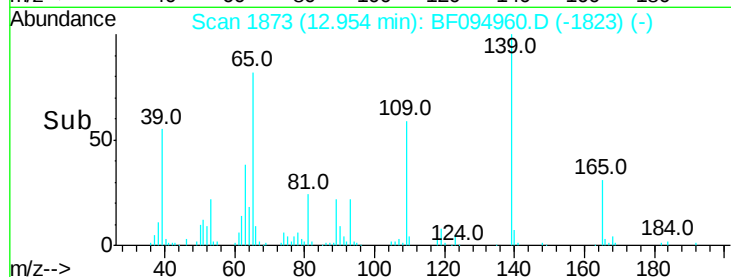
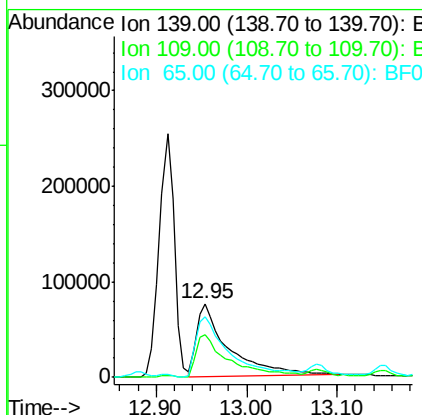
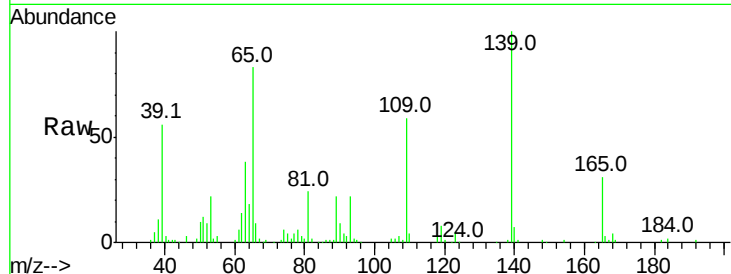




#55
4-Nitrophenol
Concen: 92.64 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

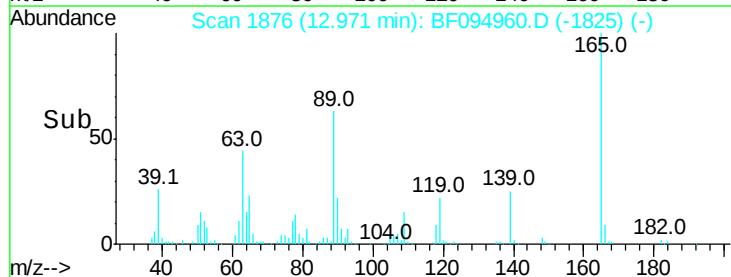
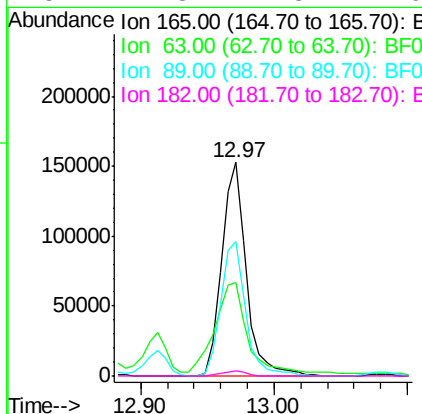
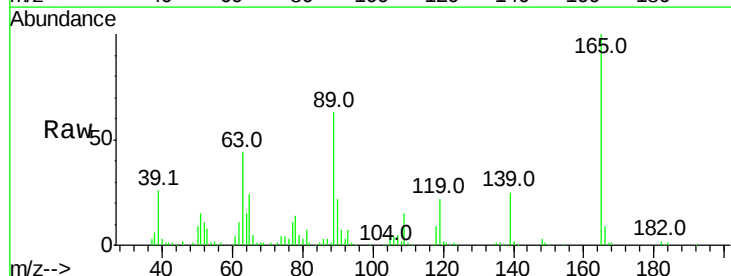
Instrument :
BNA_F
ClientSampleId :

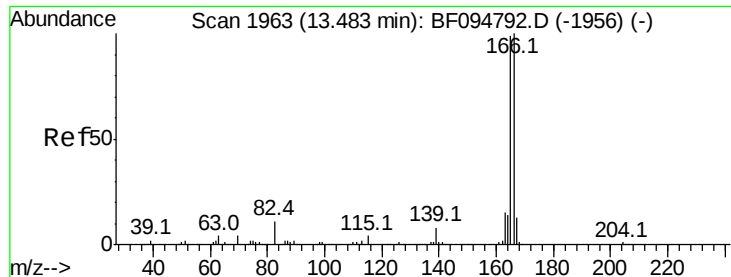
Tot Ion:139 Resp: 181567
Ion Ratio Lower Upper
139 100
109 58.9 34.1 74.1
65 83.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.73 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion:165 Resp: 198177
Ion Ratio Lower Upper
165 100
63 43.7 25.4 38.0#
89 63.2 46.4 69.6
182 2.3 1.8 2.6





#57

Fluorene

Concen: 46.56 ng

RT: 13.47 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

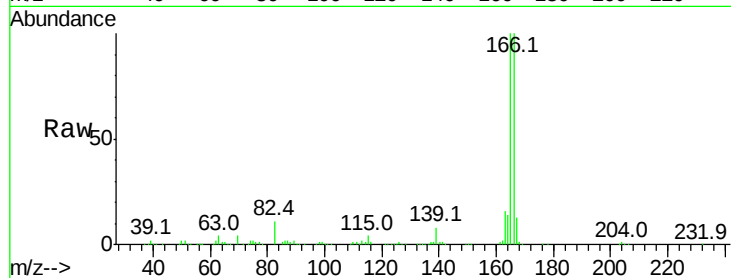
Tot Ion:166 Resp: 646810

Ion Ratio Lower Upper

166 100

165 100.2 78.8 118.2

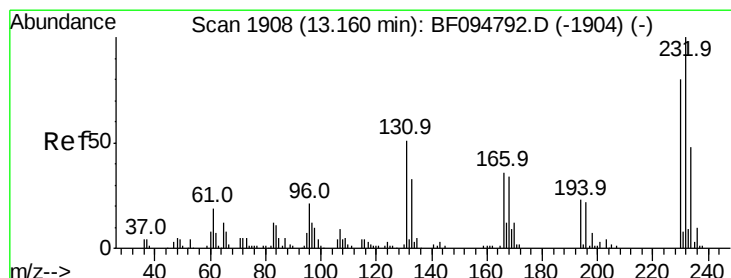
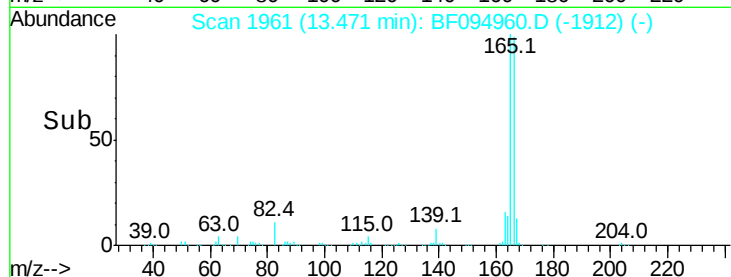
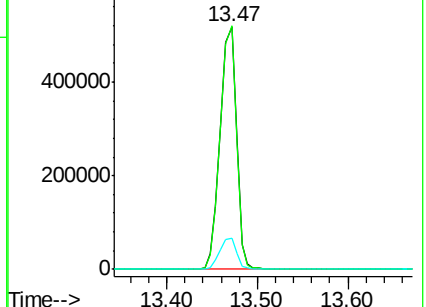
167 13.1 10.6 16.0



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: 56.29 ng

RT: 13.15 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Tgt Ion:232 Resp: 141925

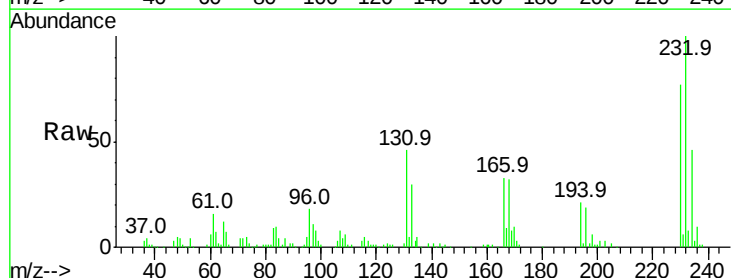
Ion Ratio Lower Upper

232 100

131 50.0 44.8 67.2

130 2.2 2.3 3.5#

166 36.6 29.0 43.4

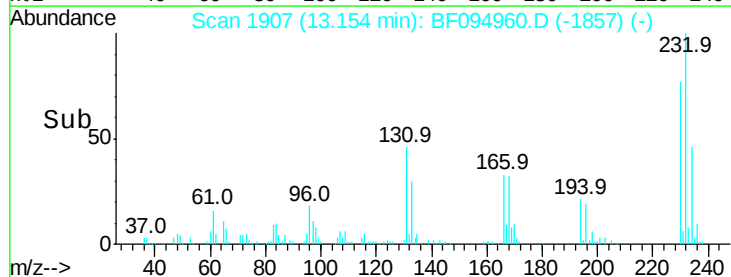
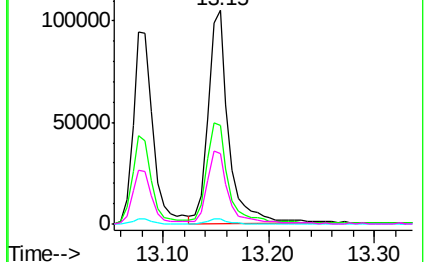


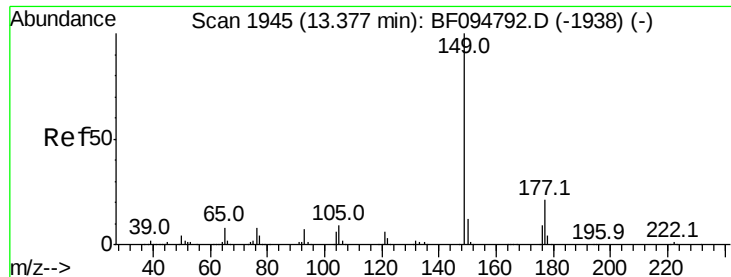
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

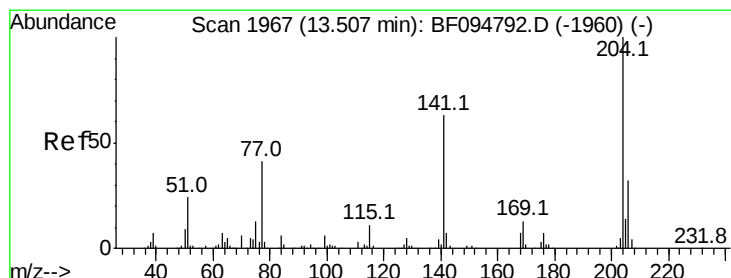
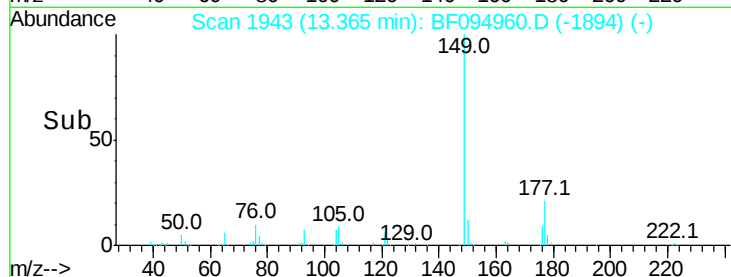
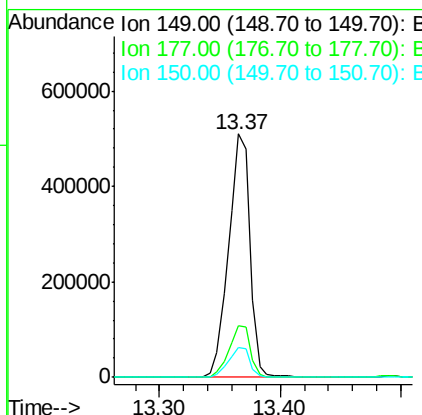
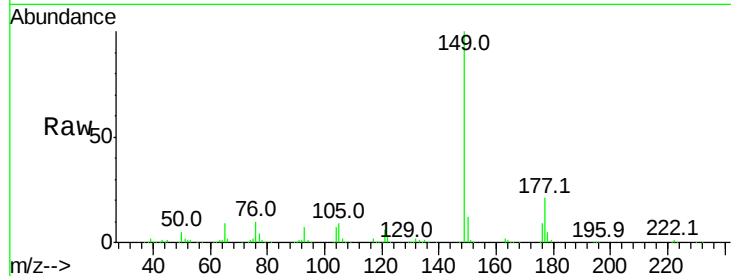




#59
Diethylphthalate
Concen: 44.00 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

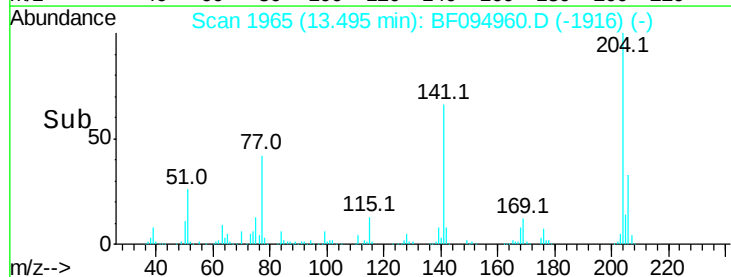
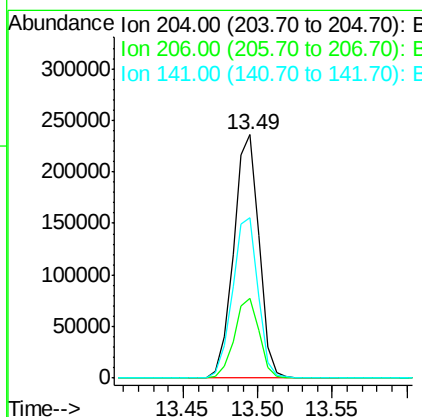
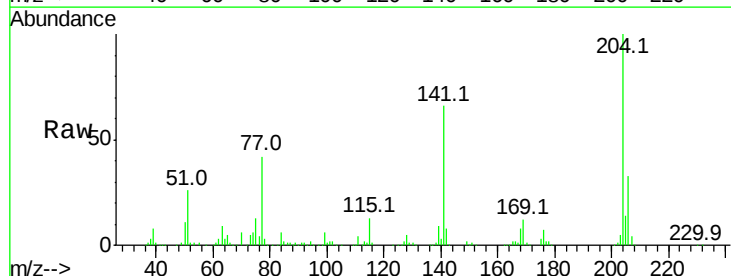
Instrument :
BNA_F
ClientSampleId :

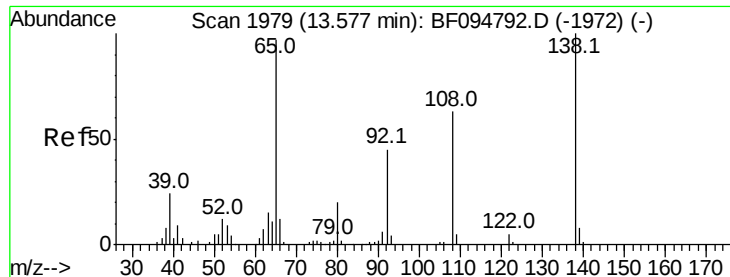
Tot Ion:149 Resp: 628522
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.00 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion:204 Resp: 280844
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 65.7 60.8 91.2

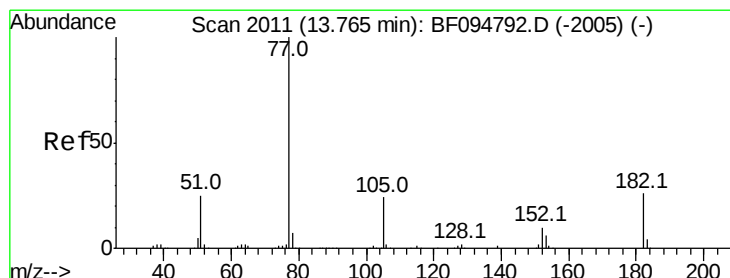
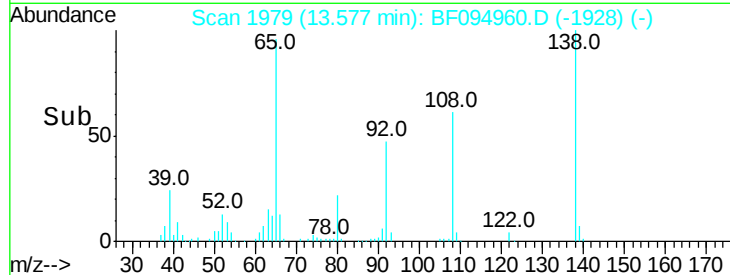
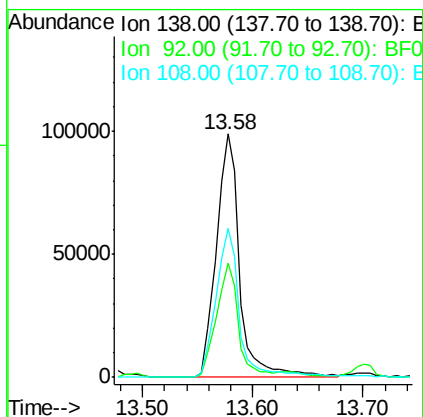
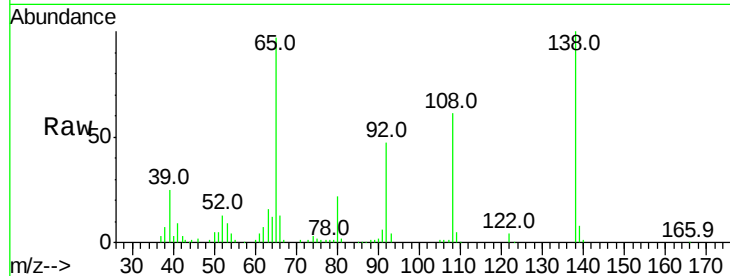




#61
 4-Nitroaniline
 Concen: 48.46 ng
 RT: 13.58 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

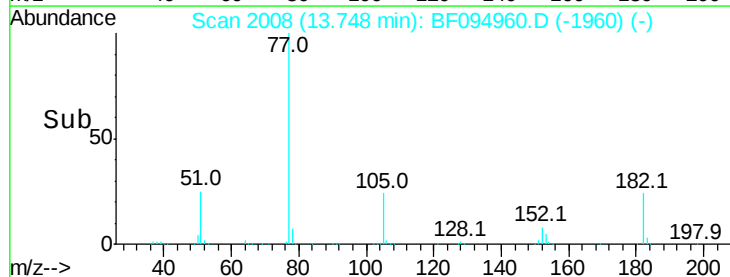
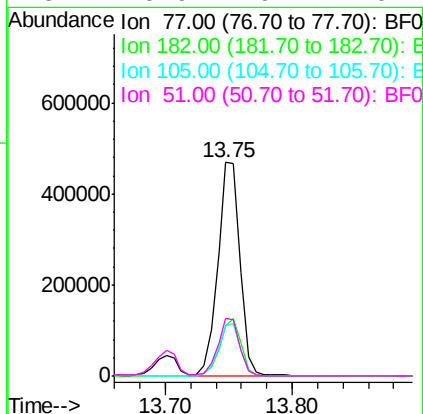
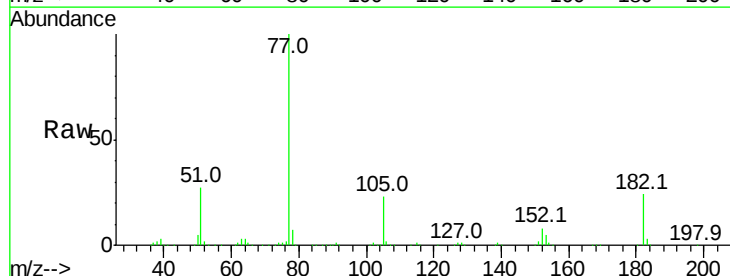
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 145174
 Ion Ratio Lower Upper
 138 100
 92 47.0 21.8 61.8
 108 61.0 42.3 82.3



#62
 Azobenzene
 Concen: 49.80 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion: 77 Resp: 571536
 Ion Ratio Lower Upper
 77 100
 182 23.6 0.1 40.1
 105 23.4 3.6 43.6
 51 26.9 9.4 49.4

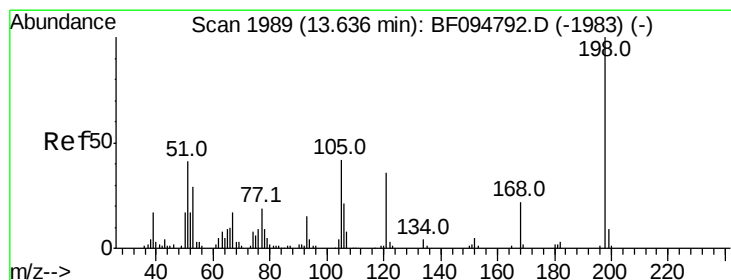
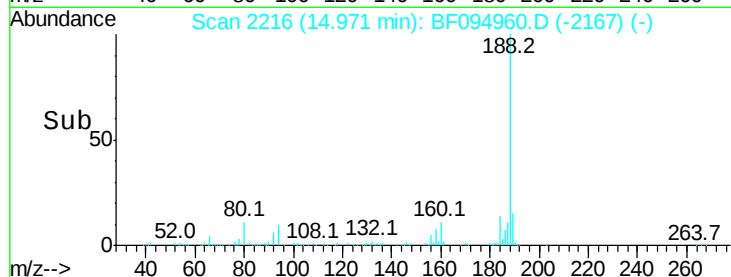
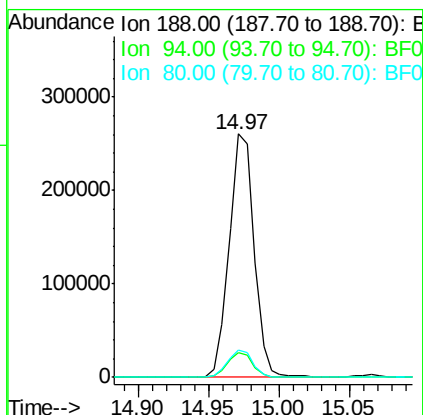
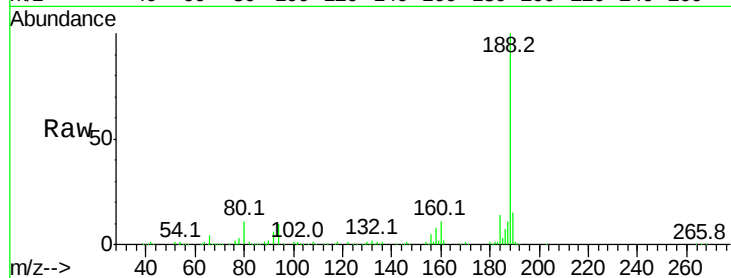




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

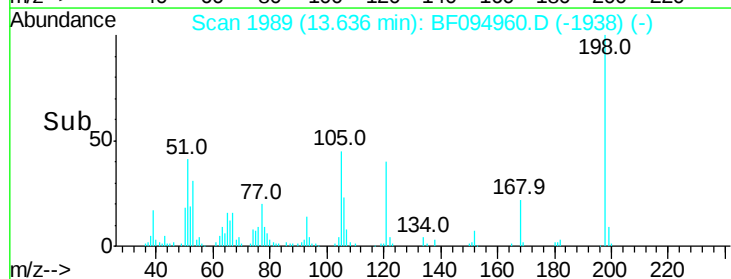
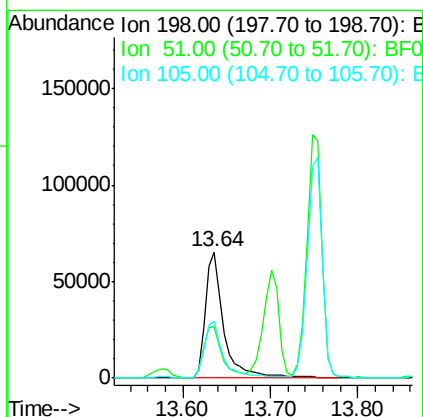
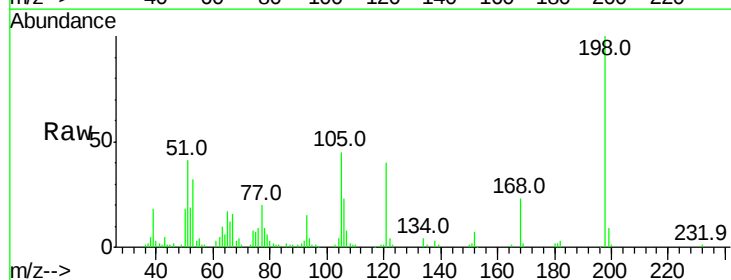
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 321158
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.64 ng
 RT: 13.64 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:198 Resp: 96104
 Ion Ratio Lower Upper
 198 100
 51 40.7 53.2 93.2#
 105 45.2 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 46.59 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

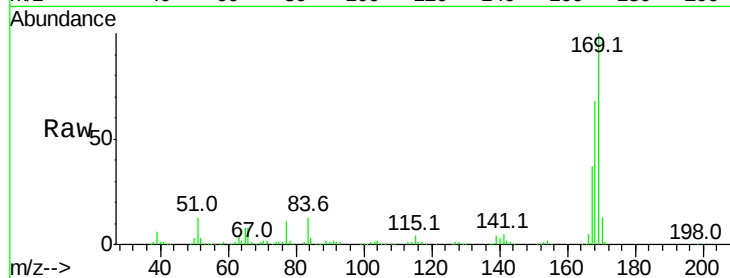
Tot Ion:169 Resp: 543077

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

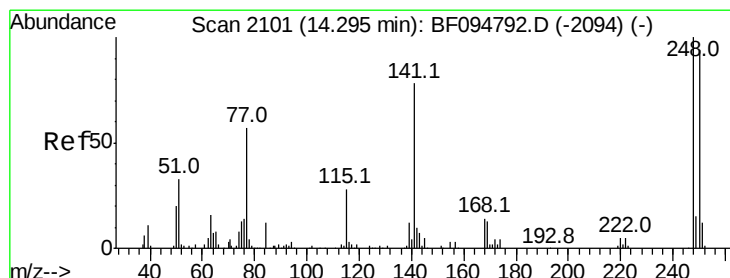
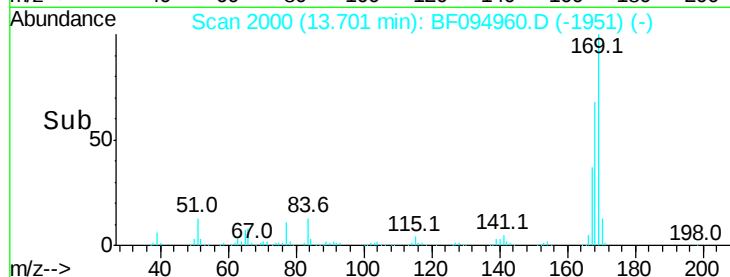
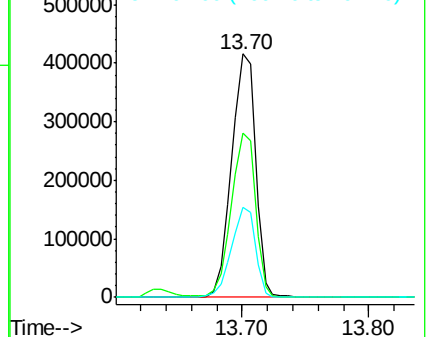
167 36.9 29.5 44.3



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: 43.29 ng

RT: 14.28 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

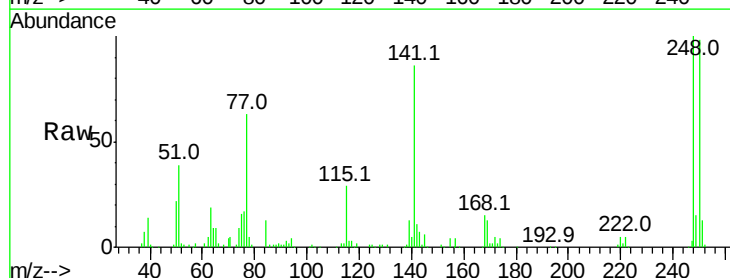
Tgt Ion:248 Resp: 146888

Ion Ratio Lower Upper

248 100

250 97.6 76.8 115.2

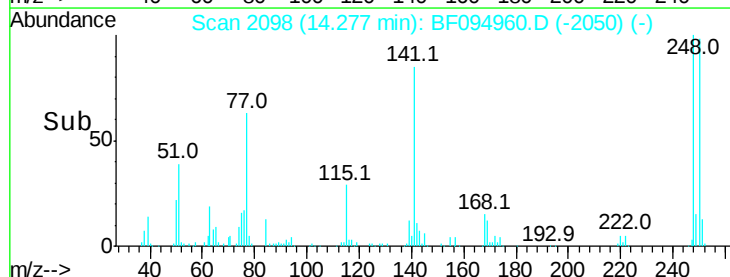
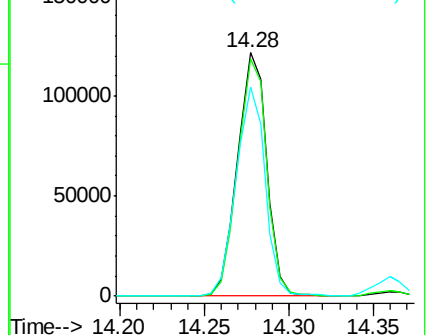
141 85.8 68.6 103.0

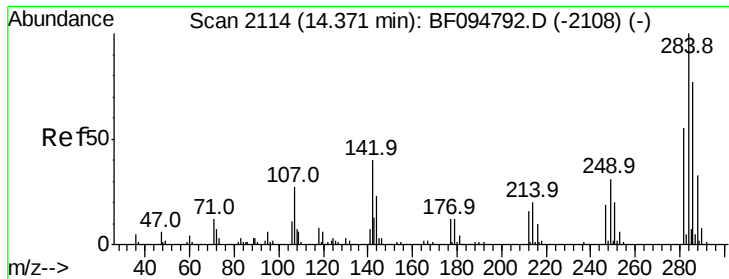


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.60 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

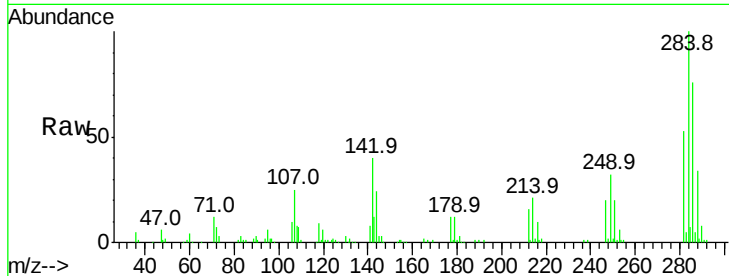
Tot Ion:284 Resp: 148148

Ion Ratio Lower Upper

284 100

142 40.4 22.8 34.2#

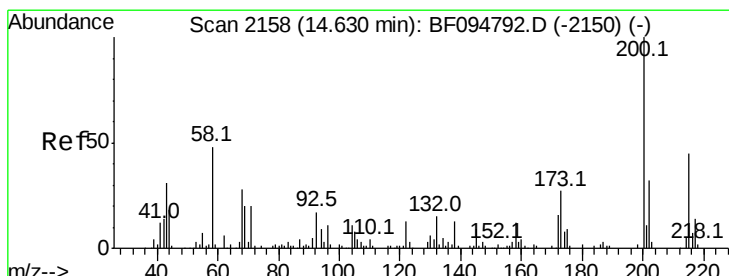
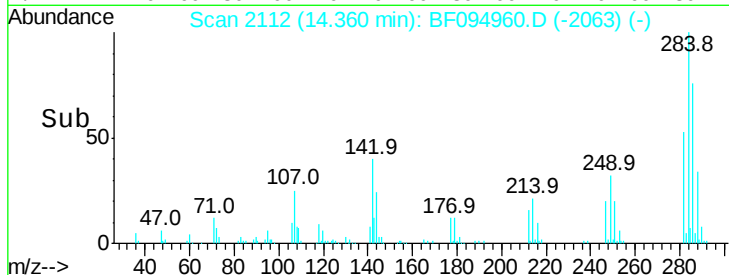
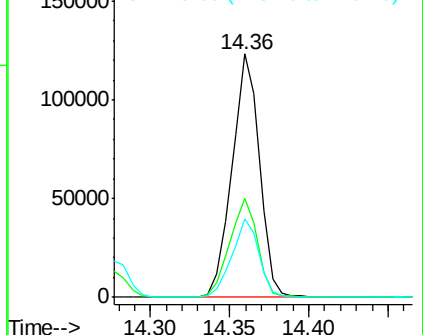
249 32.3 24.0 36.0



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: 47.69 ng

RT: 14.62 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

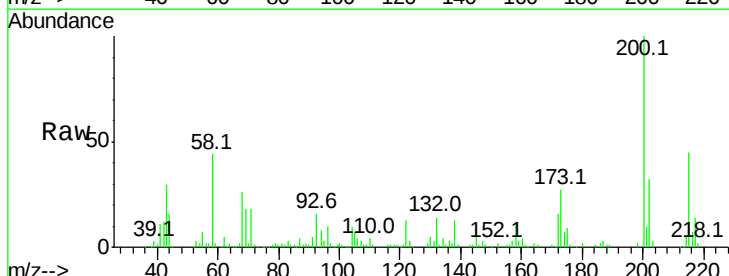
Tgt Ion:200 Resp: 156936

Ion Ratio Lower Upper

200 100

173 26.8 6.3 46.3

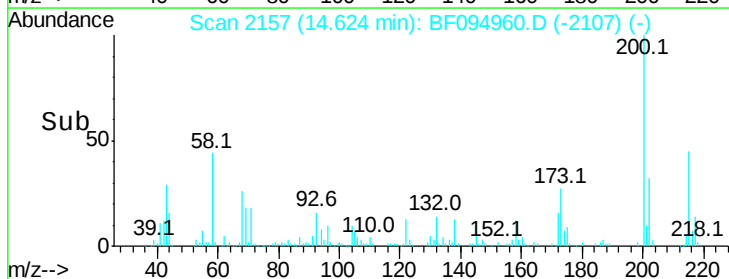
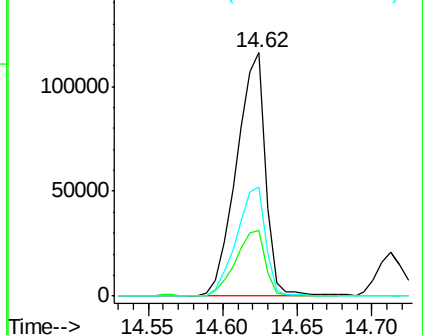
215 44.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

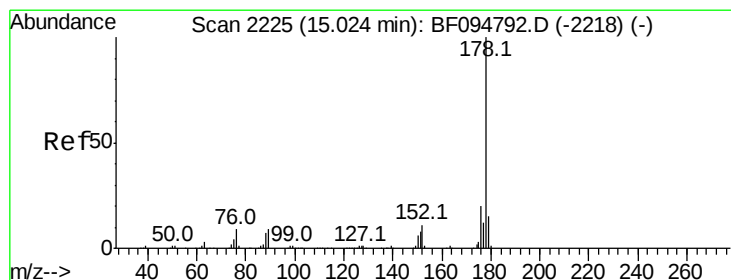
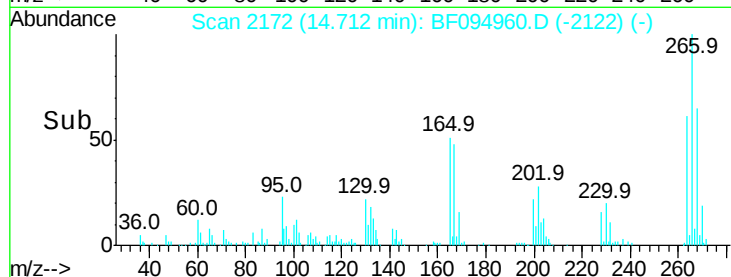
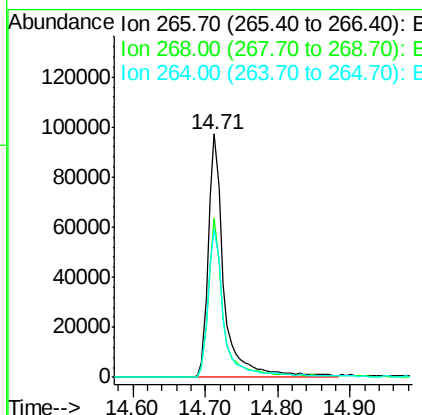
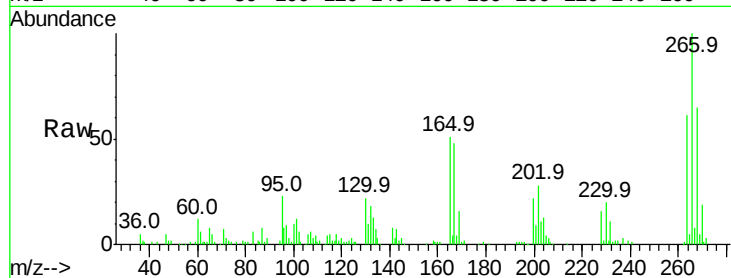




#69
 Pentachlorophenol
 Concen: 93.07 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

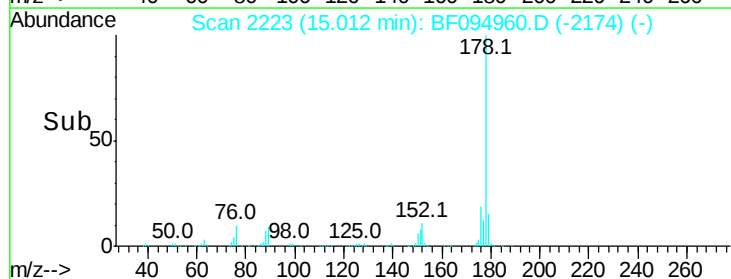
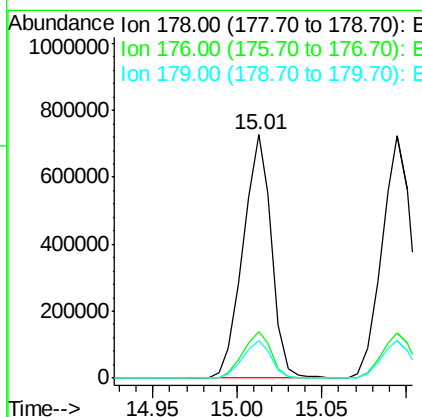
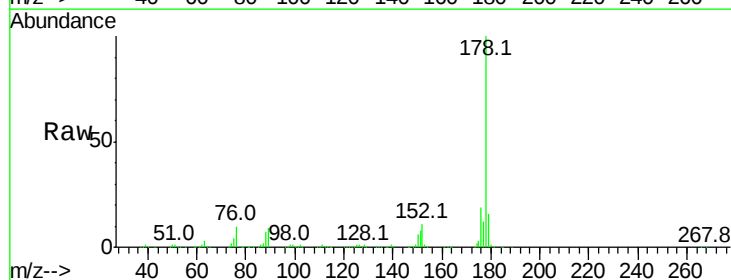
Instrument :
 BNA_F
 ClientSampleId :

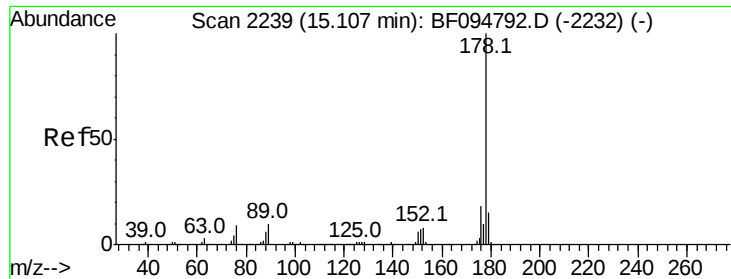
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	60.9	51.7	77.5



#70
 Phenanthrene
 Concen: 46.21 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.5	12.6	19.0

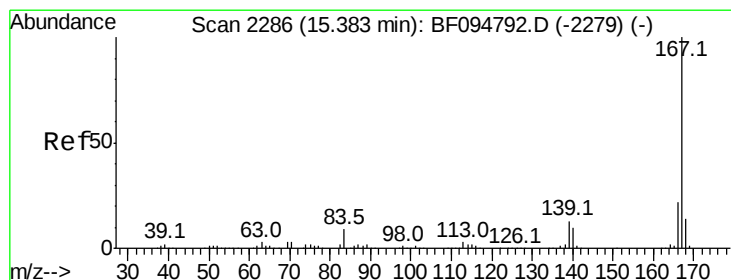
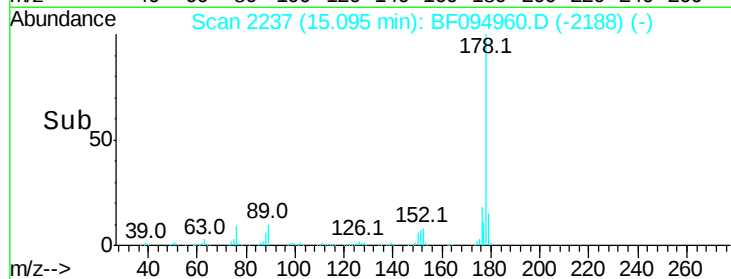
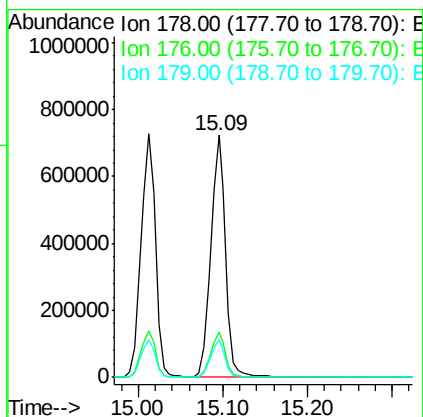
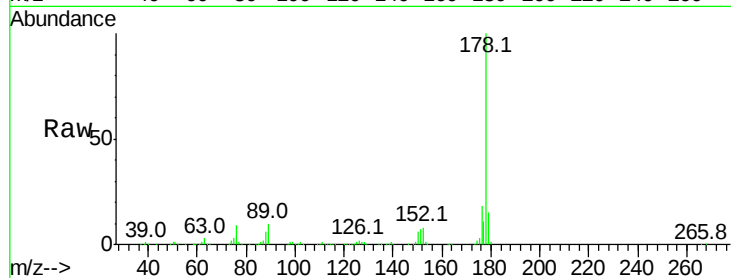




#71
 Anthracene
 Concen: 47.54 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

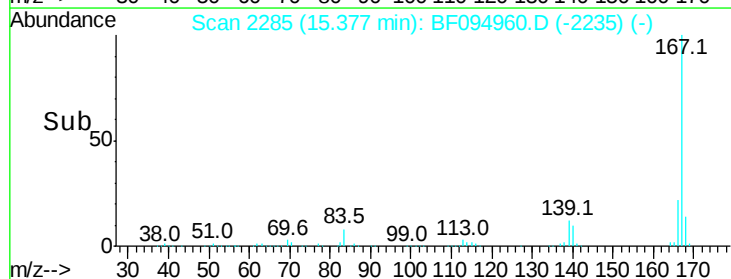
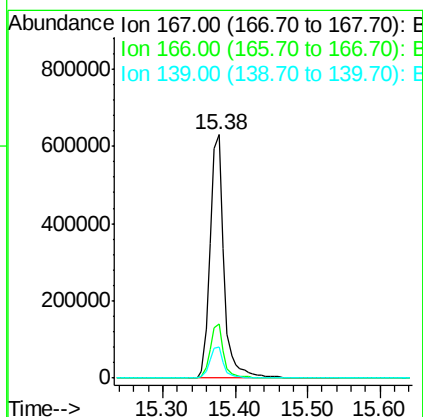
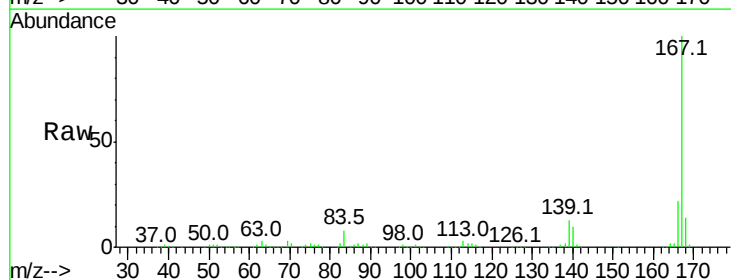
Instrument :
 BNA_F
 ClientSampleId :

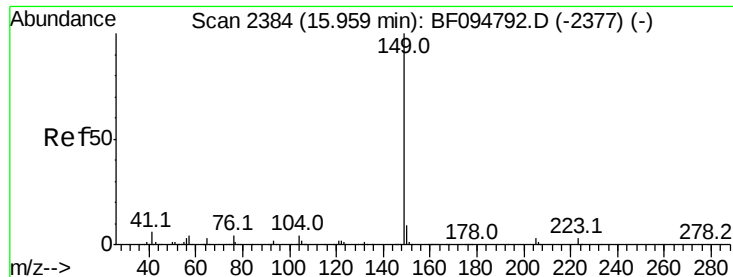
Tot Ion:178 Resp: 896029
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 48.93 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:167 Resp: 839228
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.9 11.7 17.5

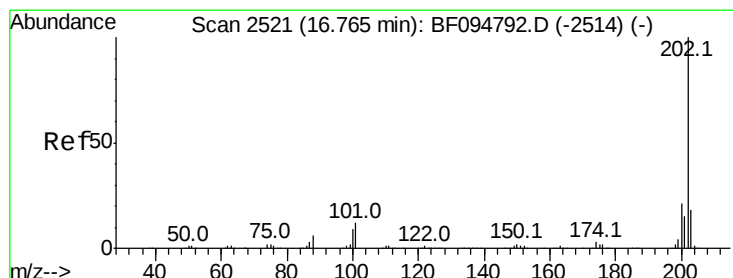
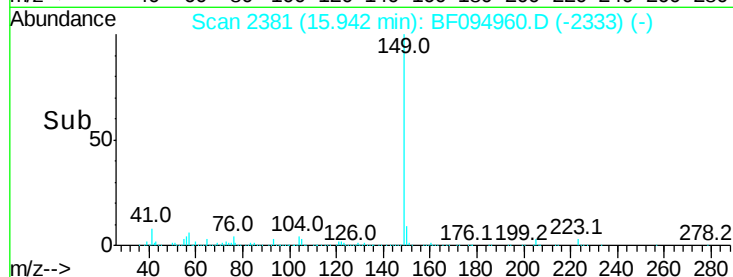
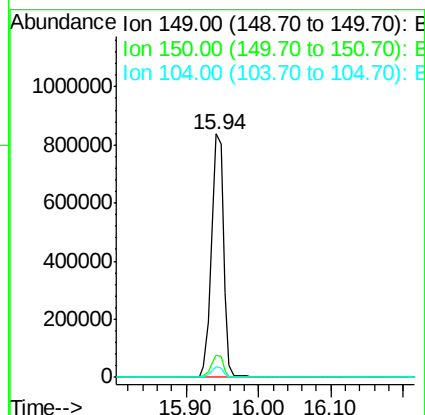
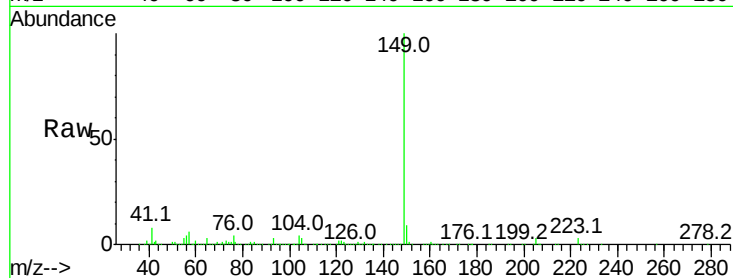




#73
Di-n-butylphthalate
Concen: 45.83 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

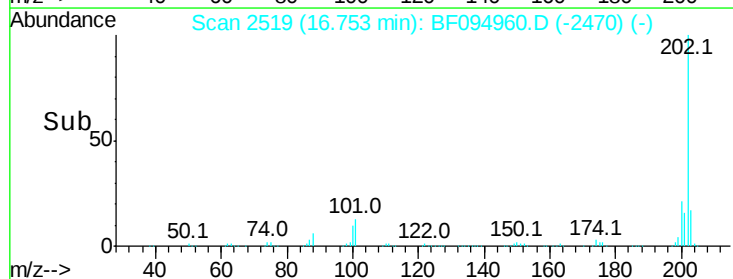
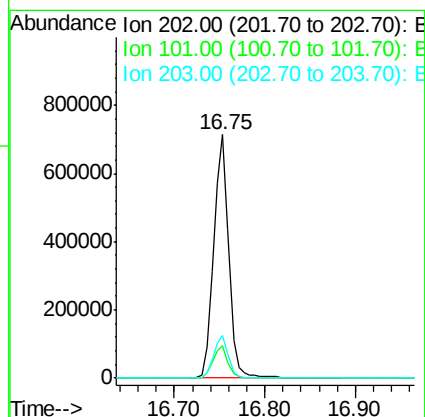
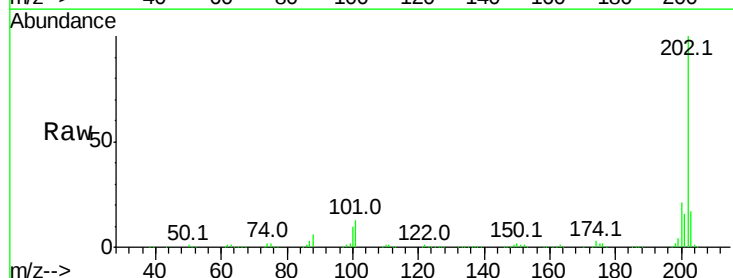
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 980227
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 43.69 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion:202 Resp: 827000
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.4 0.0 38.1

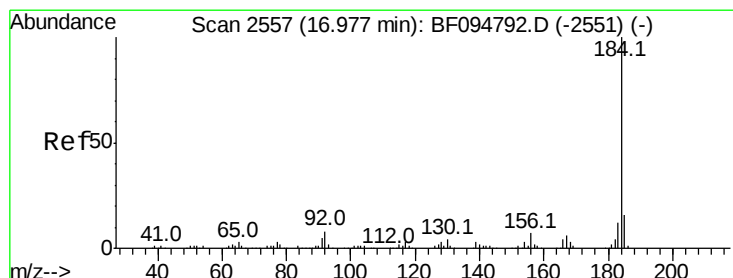
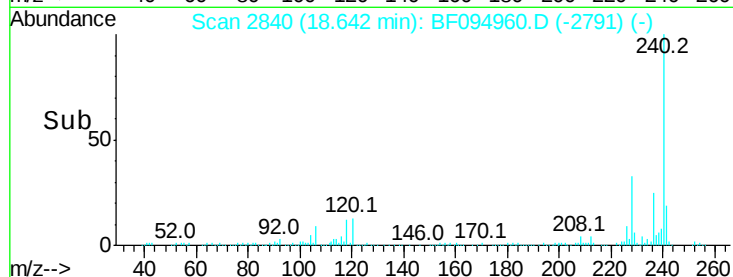
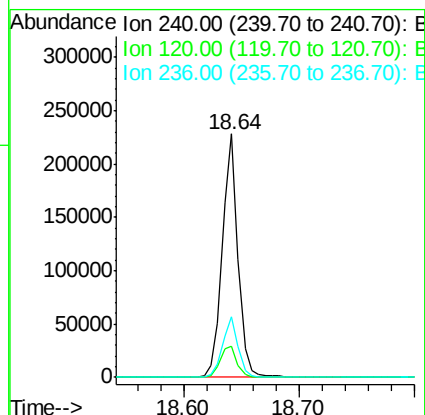
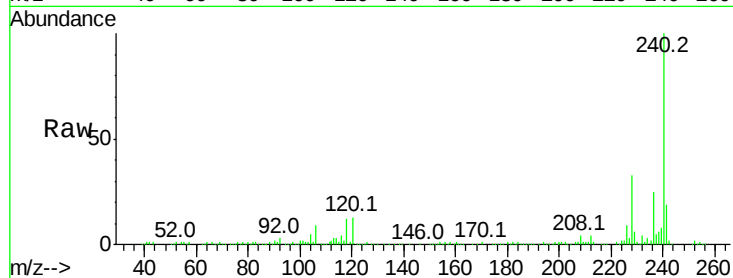




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

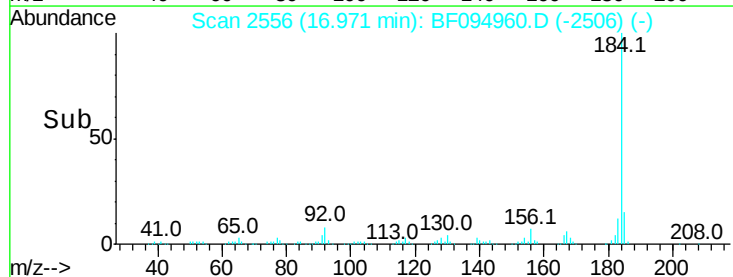
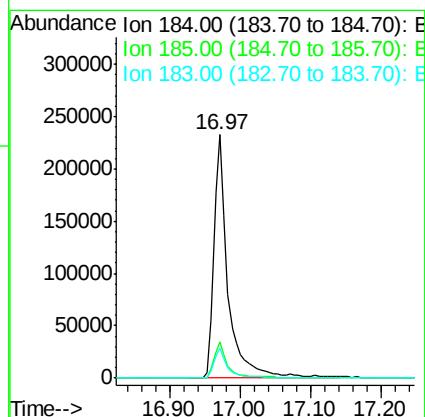
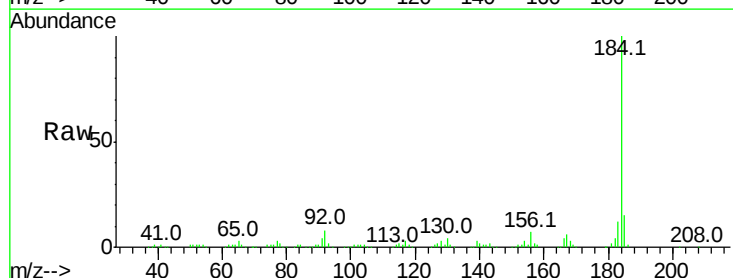
Instrument :
 BNA_F
 ClientSampleId :

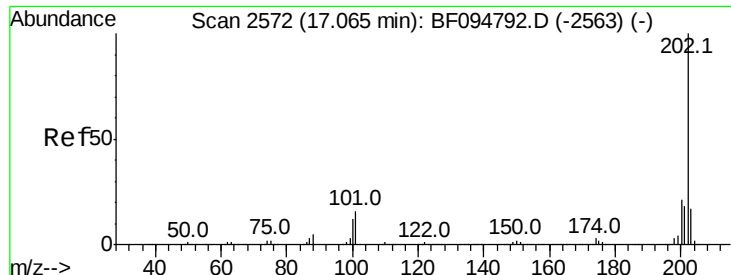
Tot Ion:240 Resp: 215200
 Ion Ratio Lower Upper
 240 100
 120 12.6 5.8 8.8#
 236 25.0 20.5 30.7



#76
 Benzidine
 Concen: 54.94 ng
 RT: 16.97 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:184 Resp: 326163
 Ion Ratio Lower Upper
 184 100
 185 14.8 15.5 23.3#
 183 12.3 9.8 14.6

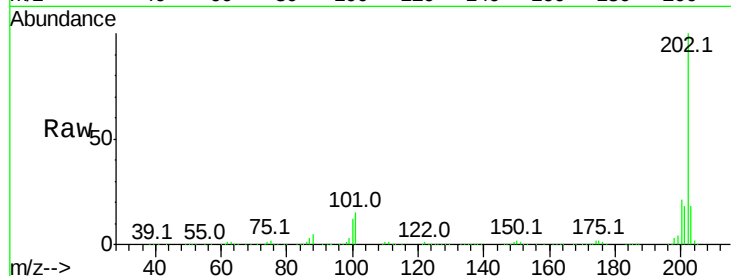




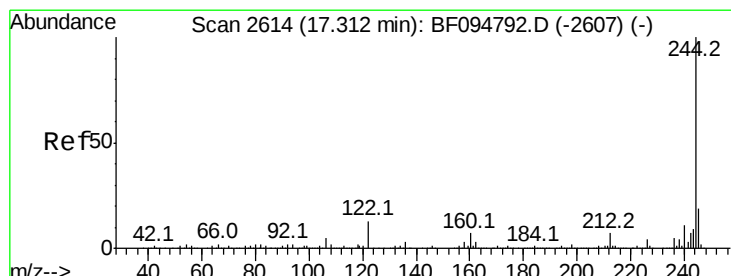
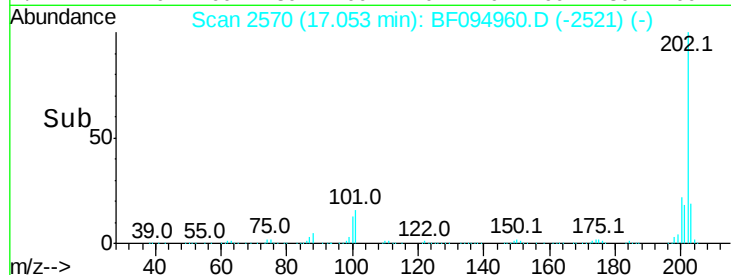
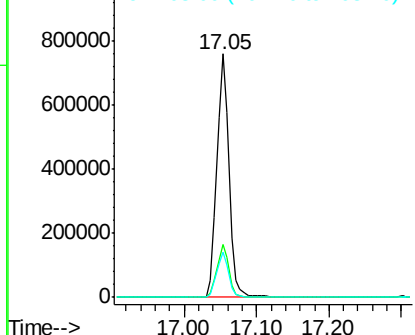
#77
Pvrene
Concen: 55.38 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 891382
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.4 14.4 21.6

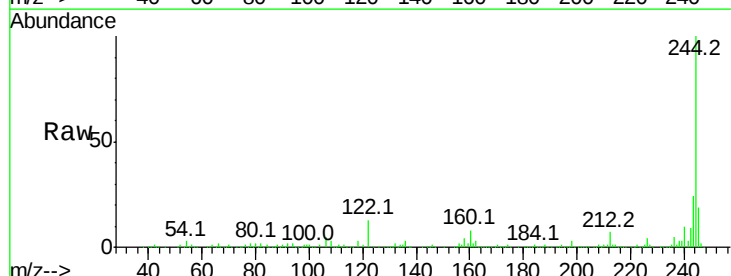


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

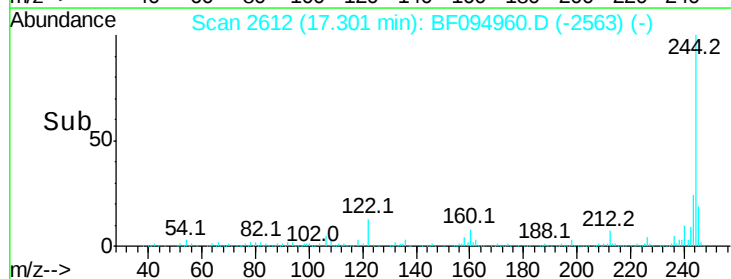
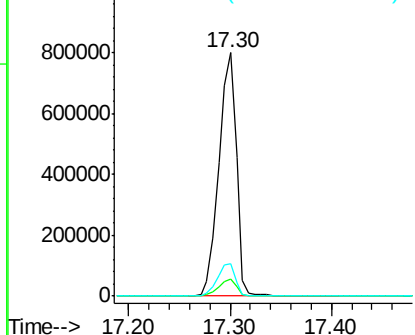


#78
Terphenyl-d14
Concen: 98.59 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094960.D
Acq: 6 May 2017 14:34

Tgt Ion:244 Resp: 963224
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 13.5 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: 55.47 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

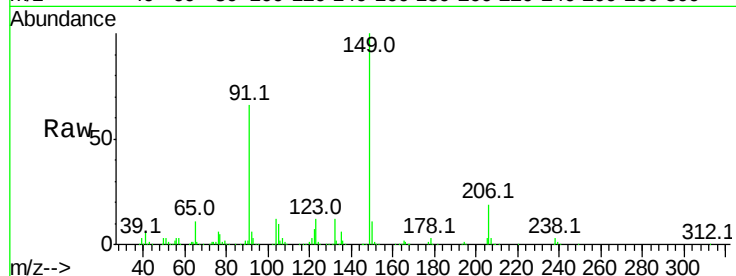
Tot Ion:149 Resp: 415285

Ion Ratio Lower Upper

149 100

91 65.6 45.0 67.4

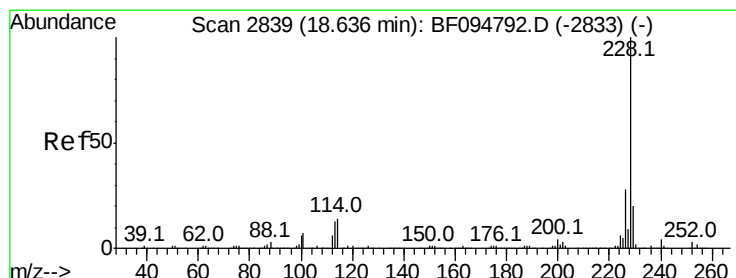
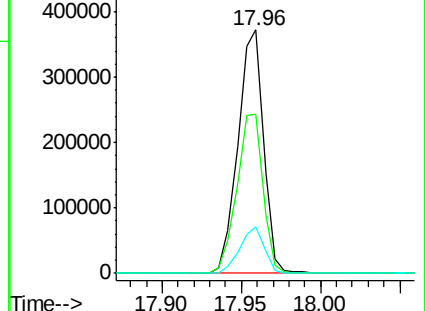
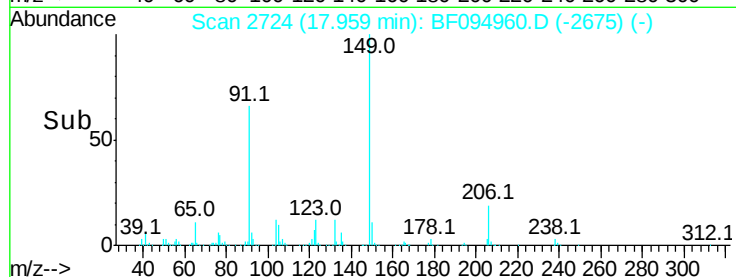
206 19.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.12 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

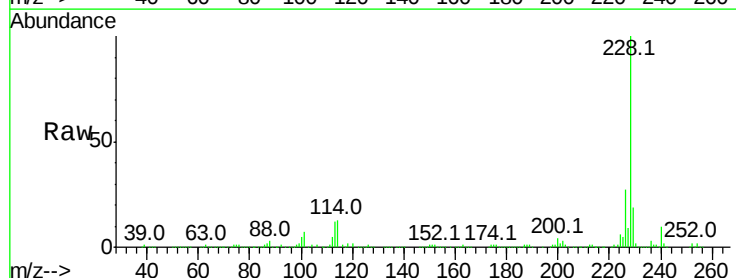
Tgt Ion:228 Resp: 577634

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

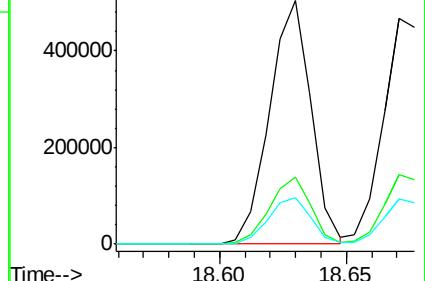
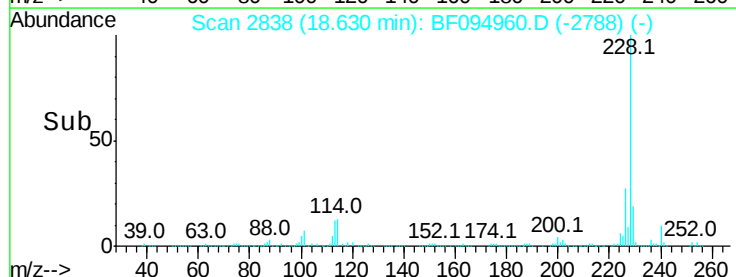
229 19.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

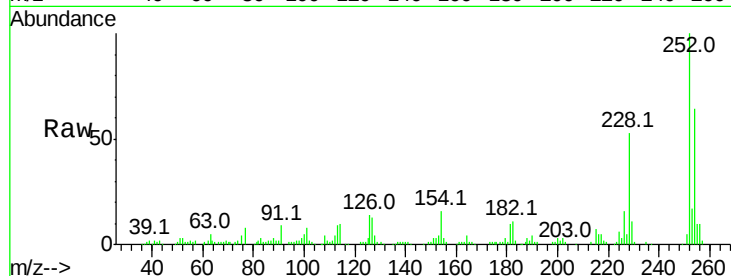




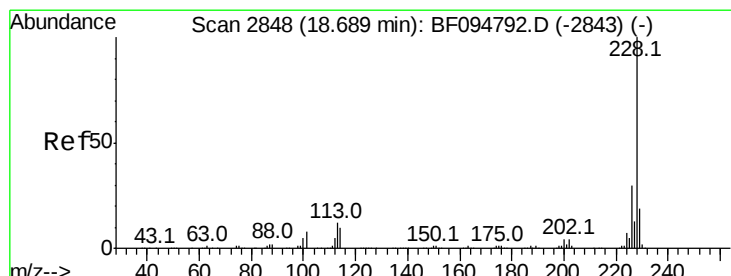
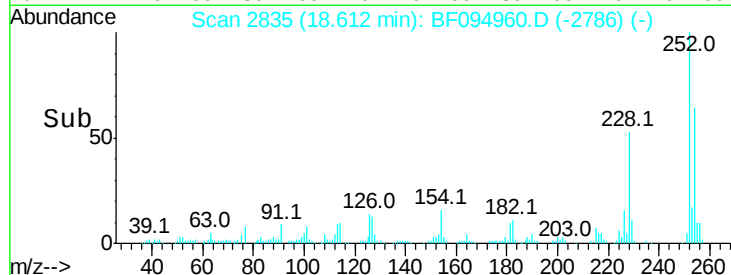
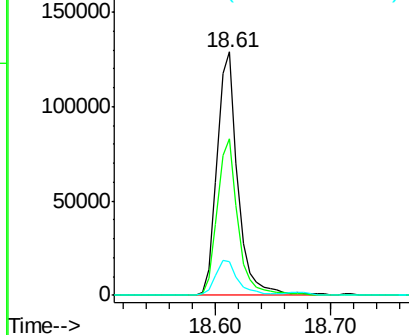
#81
 3,3'-Dichlorobenzidine
 Concen: 37.27 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 161224
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.5 77.3
 126 14.0 15.8 23.8#

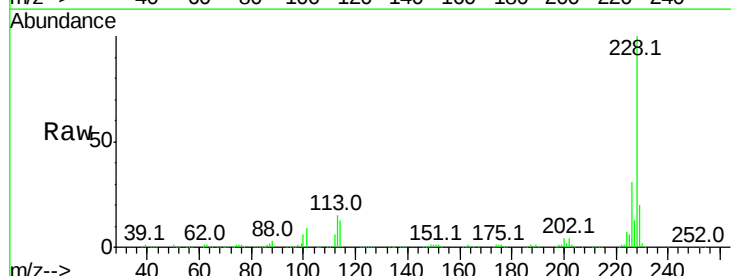


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

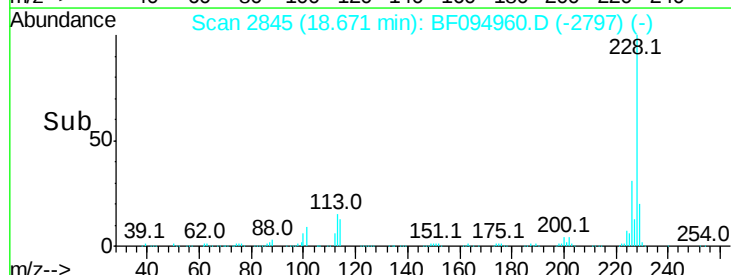
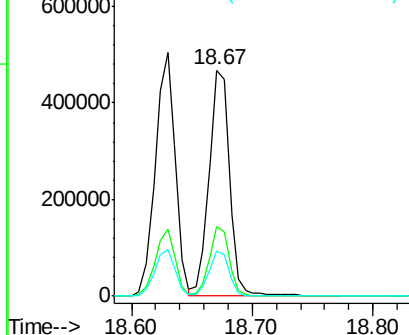


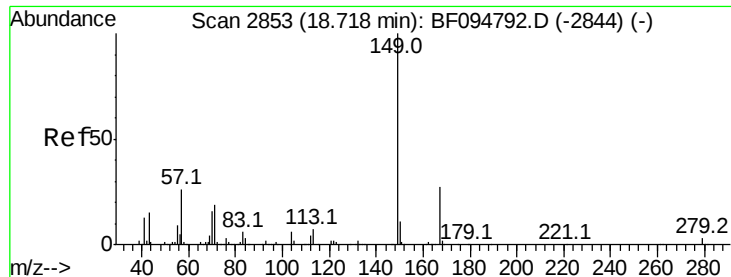
#82
 Chrysene
 Concen: 45.05 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:228 Resp: 545585
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.3 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: 50.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

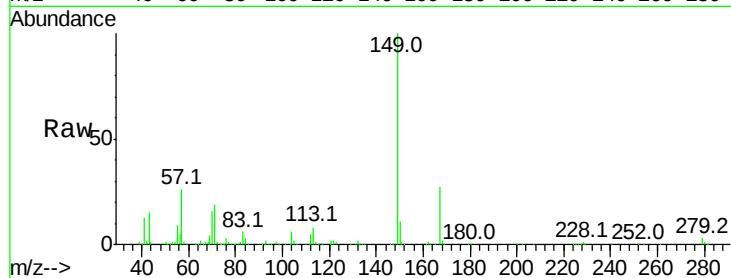
Tot Ion:149 Resp: 533340

Ion Ratio Lower Upper

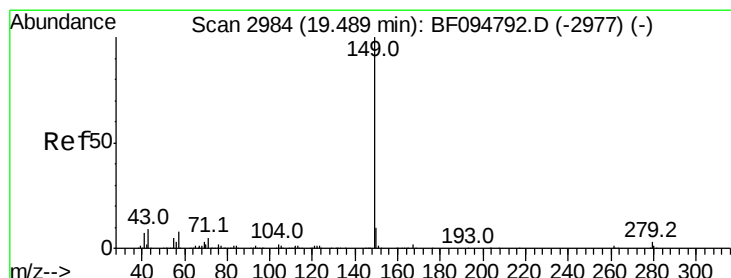
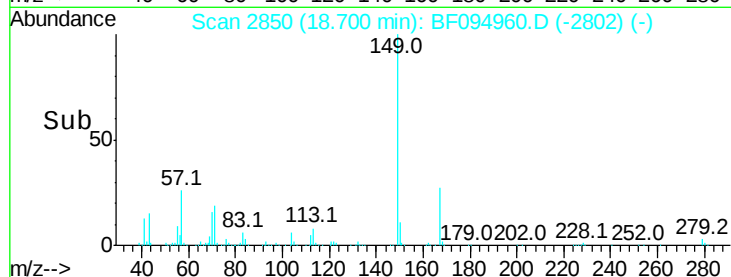
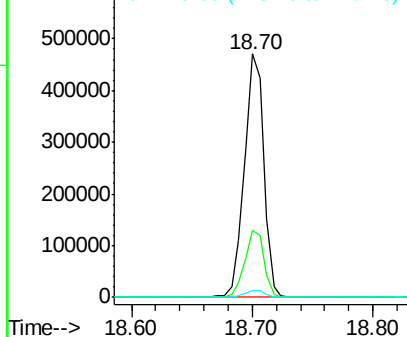
149 100

167 27.3 21.0 31.4

279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.60 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

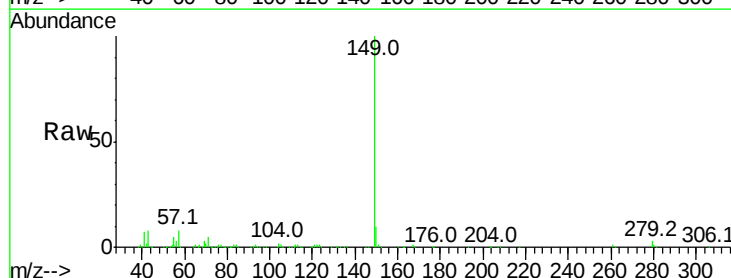
Tgt Ion:149 Resp: 867334

Ion Ratio Lower Upper

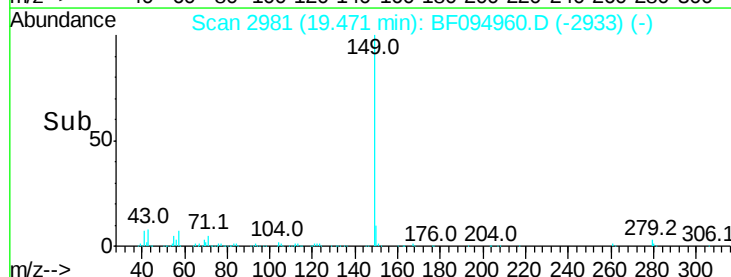
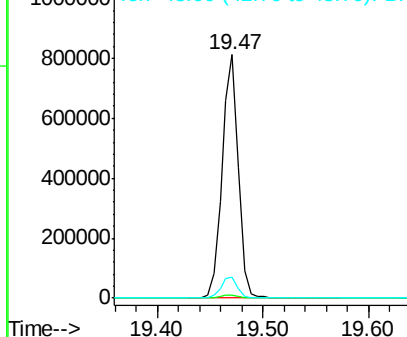
149 100

167 1.5 1.2 1.8

43 8.8 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

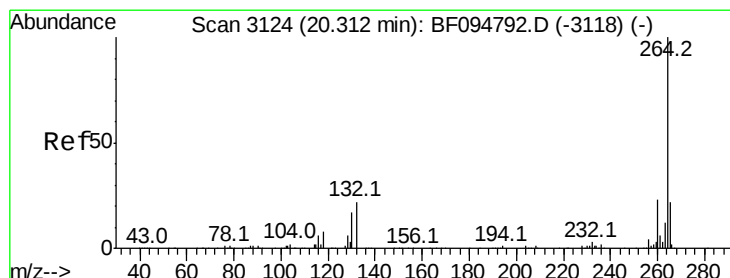
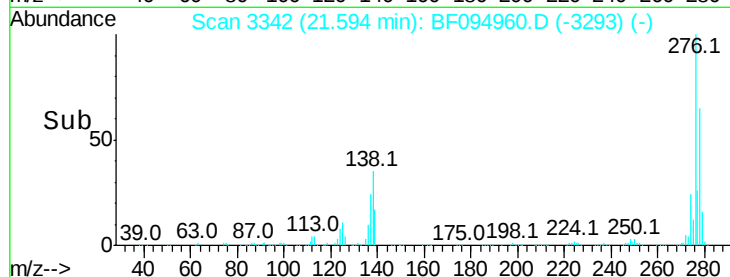
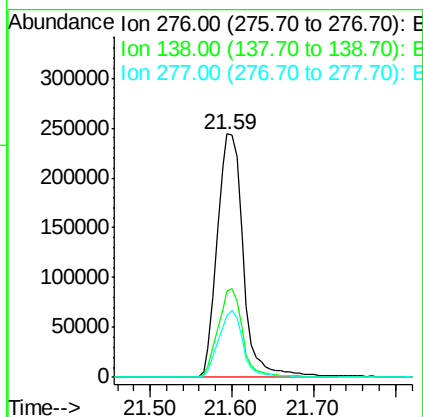
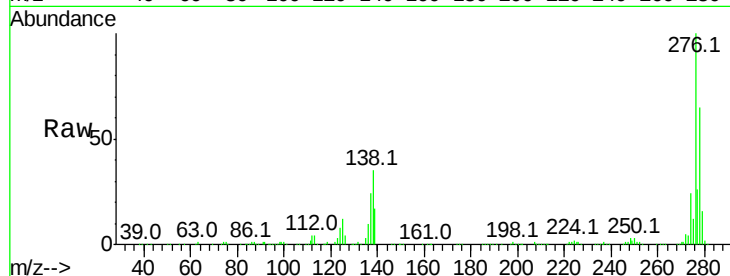




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.16 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

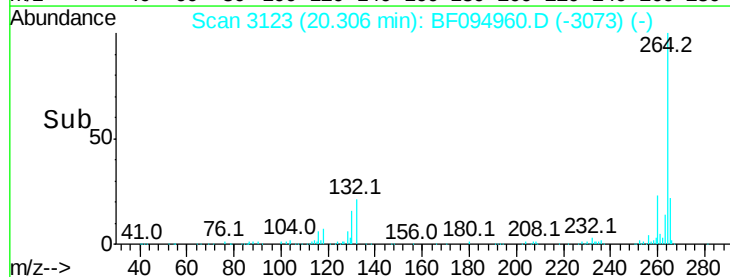
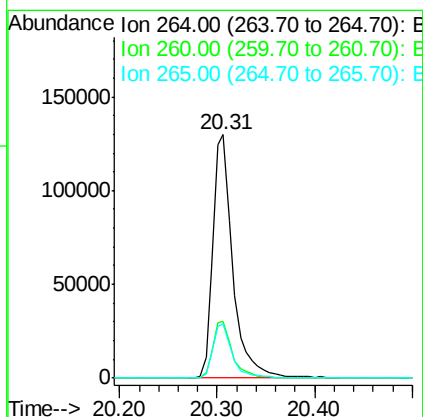
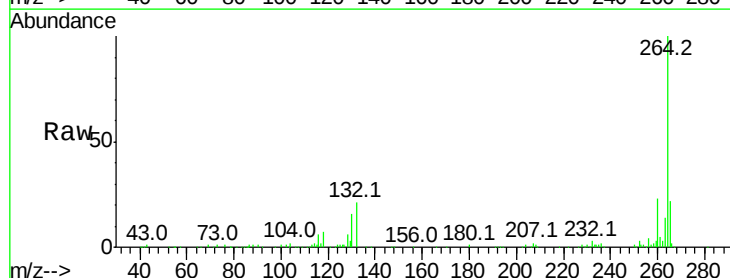
Instrument :
 BNA_F
 ClientSampleId :

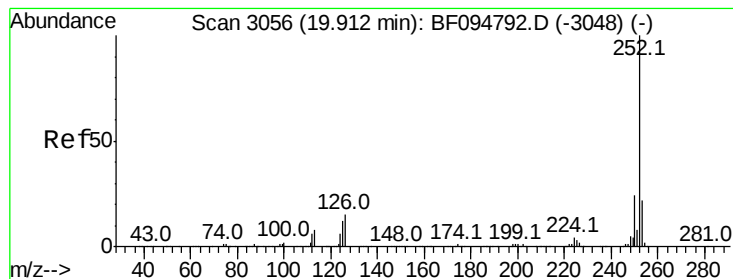
Tot Ion:276 Resp: 542454
 Ion Ratio Lower Upper
 276 100
 138 34.8 27.8 41.6
 277 25.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094960.D
 Acq: 6 May 2017 14:34

Tgt Ion:264 Resp: 183728
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 45.99 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

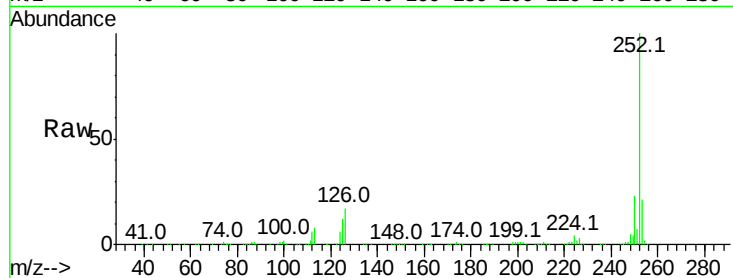
Tot Ion:252 Resp: 522083

Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

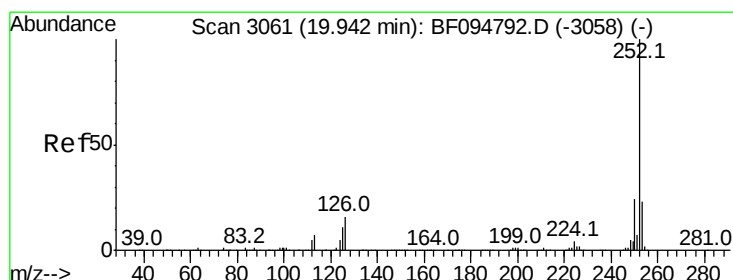
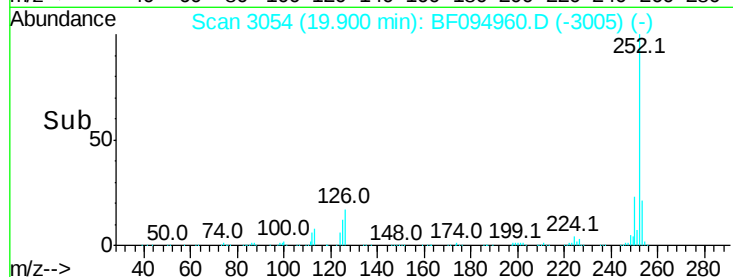
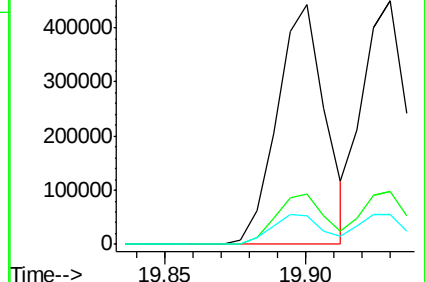
125 11.8 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.81 ng

RT: 19.93 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

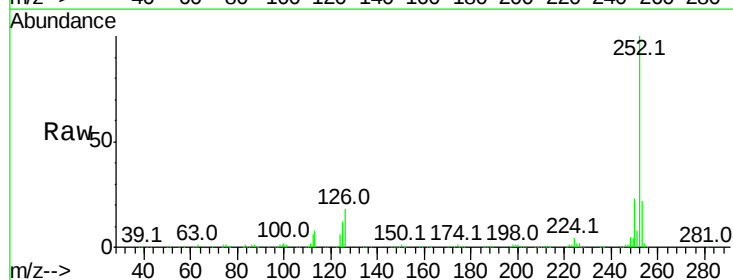
Tgt Ion:252 Resp: 523526

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

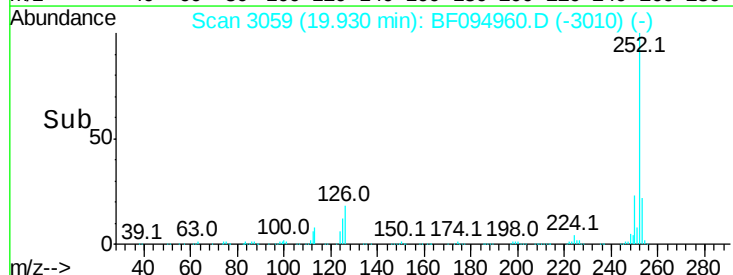
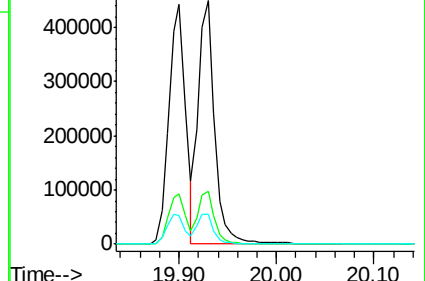
125 12.3 13.1 19.7#

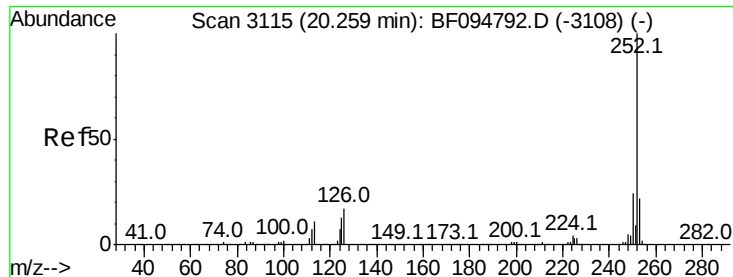


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.14 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

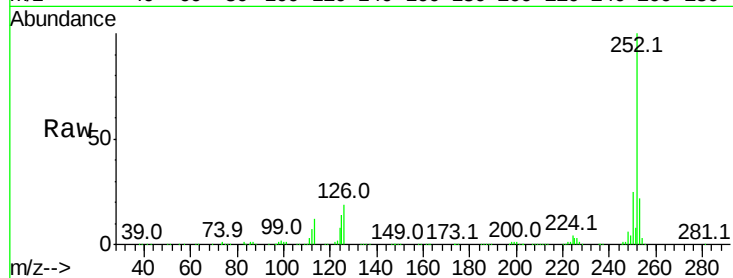
Tot Ion:252 Resp: 472890

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

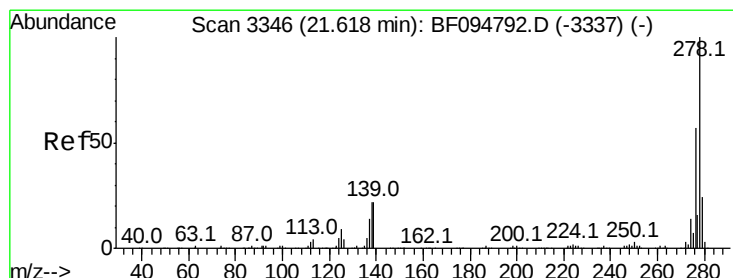
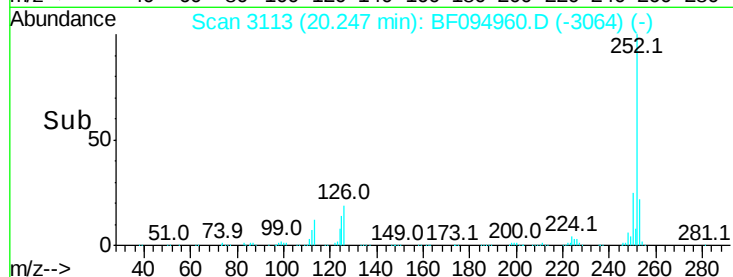
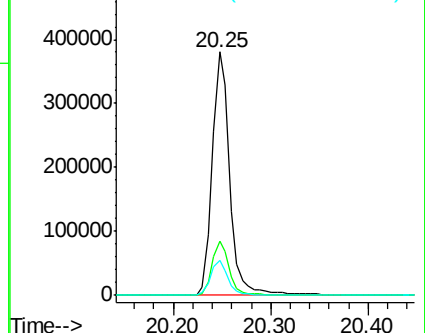
125 14.4 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.56 ng

RT: 21.61 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

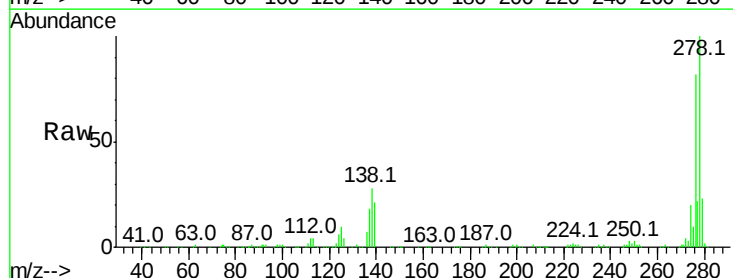
Tgt Ion:278 Resp: 454759

Ion Ratio Lower Upper

278 100

139 21.2 16.6 24.8

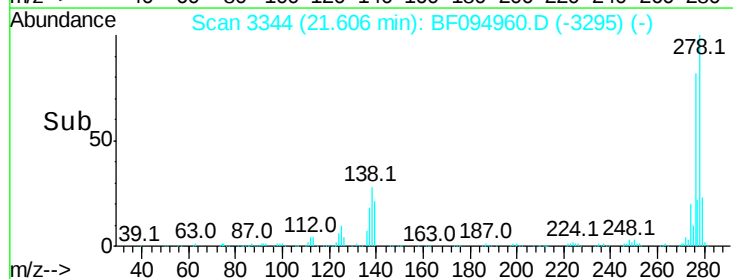
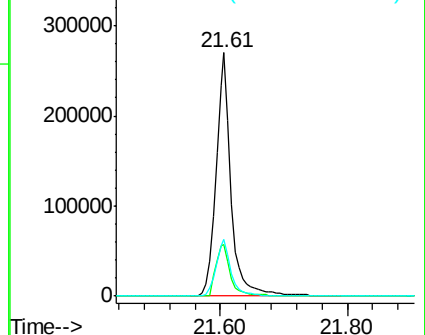
279 23.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 56.37 ng

RT: 21.97 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BF094960.D

Acq: 6 May 2017 14:34

Instrument :

BNA_F

ClientSampleId :

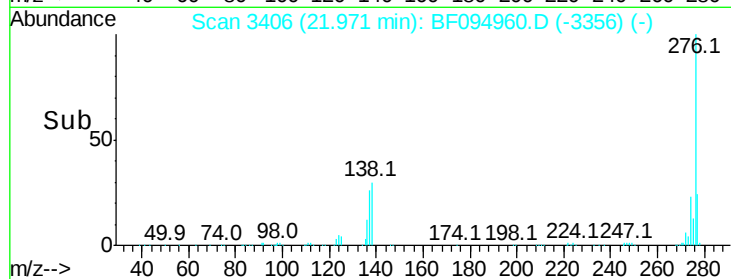
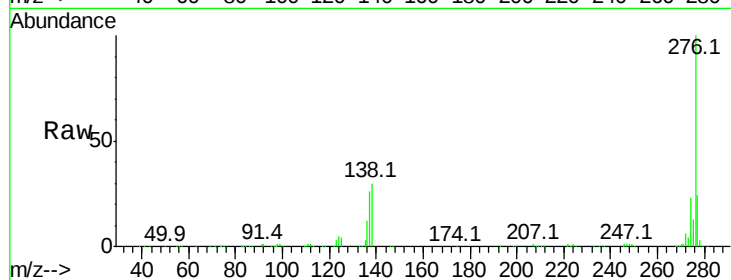
Tot Ion: 276 Resp: 478601

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 30.2 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

