

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094979.D
 Acq On : 8 May 2017 12:57
 Operator : SJ/MA
 Sample : I2872-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 13:33:01 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	105712	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	409698	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	179128	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	350131	20.00	ng	-0.02
75) Chrysene-d12	18.65	240	250465	20.00	ng	0.00
86) Perylene-d12	20.32	264	190068	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	795942	125.53	ng	-0.01
7) Phenol-d6	7.28	99	922372	121.24	ng	0.00
23) Nitrobenzene-d5	8.62	82	536680	82.60	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	205409	140.02	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1086116	87.27	ng	-0.01
78) Terphenyl-d14	17.30	244	957722	84.22	ng	-0.01

Target Compounds						Qvalue
6) Aniline	7.38	93	1164440	121.24	ng	# 66
8) 2-Chlorophenol	7.42	128	1000657	138.65	ng	96
10) Phenol	7.31	94	1386175	172.91	ng	90
11) bis(2-Chloroethyl)ether	7.38	93	1164440	175.94	ng	97
12) 1,3-Dichlorobenzene	7.64	146	1514638	185.01	ng	100
13) 1,4-Dichlorobenzene	7.76	146	1291353	155.54	ng	96
14) 1,2-Dichlorobenzene	7.99	146	624280	80.56	ng	96
19) n-Nitroso-di-n-propylamine	8.62	70	68244	13.26	ng	# 76
24) Nitrobenzene	8.67	77	1253299	184.04	ng	93
29) 2,4-Dichlorophenol	9.57	162	1150225	205.04	ng	99
35) Caprolactam	10.75	113	25805	15.32	ng	# 15
36) 4-Chloro-3-methylphenol	10.75	107	970624	161.83	ng	89
37) 2-Methylnaphthalene	10.75	142	782192	57.88	ng	# 24
42) 2,4,6-Trichlorophenol	11.46	196	636884	173.16	ng	99
43) 2,4,5-Trichlorophenol	11.46	196	637562	161.28	ng	94
46) 2-Chloronaphthalene	11.69	162	1781303	146.28	ng	94
48) Acenaphthylene	12.35	152	2214528	116.10	ng	100
49) Dimethylphthalate	12.21	163	1215821	82.68	ng	99
50) 2,6-Dinitrotoluene	12.21	165	13441	4.48	ng	# 6
51) Acenaphthene	12.62	154	832613	73.08	ng	100
55) 4-Nitrophenol	12.95	139	431806	223.27	ng	# 76
57) Fluorene	13.47	166	971756	70.89	ng	99
59) Diethylphthalate	13.38	149	2457056	174.32	ng	99
61) 4-Nitroaniline	13.47	138	10407	3.52	ng	# 25
66) 4-Bromophenyl-phenylether	14.38	248	13663	3.69	ng	# 1
67) Hexachlorobenzene	14.38	284	771155	203.42	ng	# 87
70) Phenanthrene	15.01	178	1388375	69.01	ng	98
71) Anthracene	15.01	178	1388375	67.56	ng	99
73) Di-n-butylphthalate	15.96	149	4034221	173.02	ng	100
74) Fluoranthene	16.75	202	1160929	56.26	ng	99
77) Pyrene	17.06	202	1360093	72.61	ng	100
79) Butylbenzylphthalate	17.97	149	1211082	139.00	ng	# 83
80) Benzo(a)anthracene	18.64	228	1415767	97.12	ng	99
82) Chrysene	18.69	228	1495415	106.10	ng	99

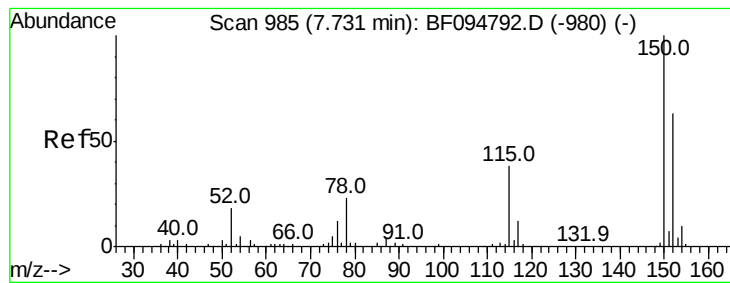
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094979.D
Acq On : 8 May 2017 12:57
Operator : SJ/MA
Sample : I2872-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
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Quant Time: May 08 13:33:01 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)
83) Bis(2-ethylhexyl)phthalate	18.71	149	1333157	107.39	nq	# 98
84) Di-n-octyl phthalate	19.47	149	1551445	76.23	nq	97
85) Indeno(1,2,3-cd)pyrene	21.64	276	1015152	88.69	nq	97
87) Benzo(b)fluoranthene	19.91	252	979788	83.42	nq	99
88) Benzo(k)fluoranthene	19.91	252	979788	86.49	nq	96
89) Benzo(a)pyrene	20.27	252	1263352	116.57	nq	99
90) Dibenzo(a,h)anthracene	21.64	278	1070400	119.59	nq	98

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

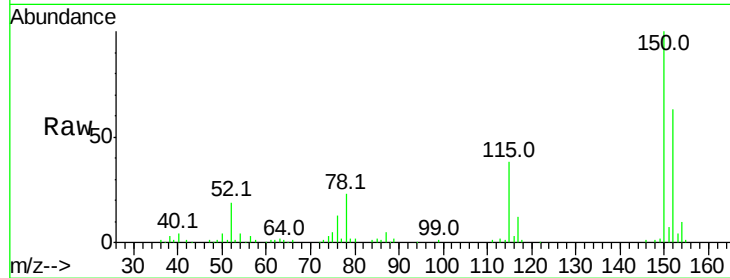


#1

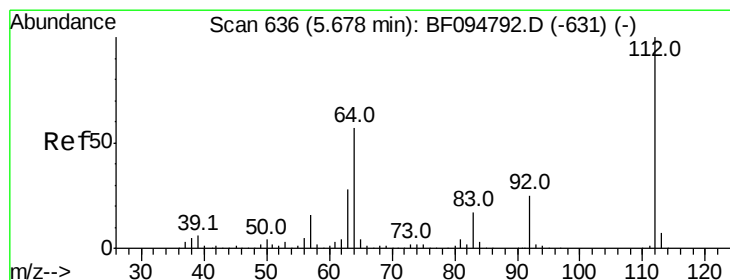
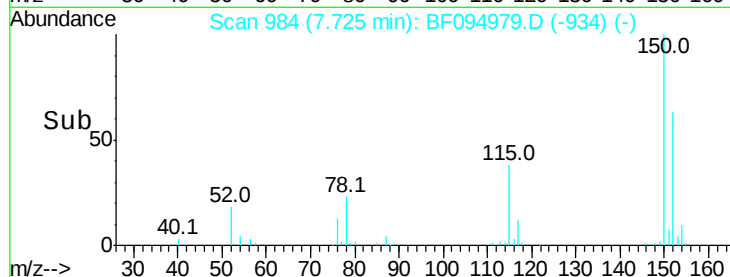
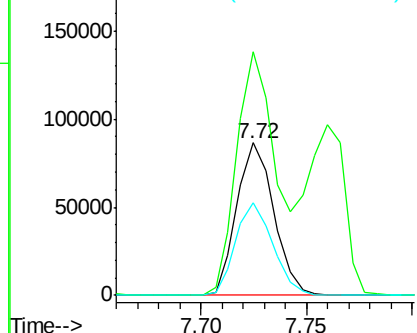
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105712
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 60.7 52.2 78.2



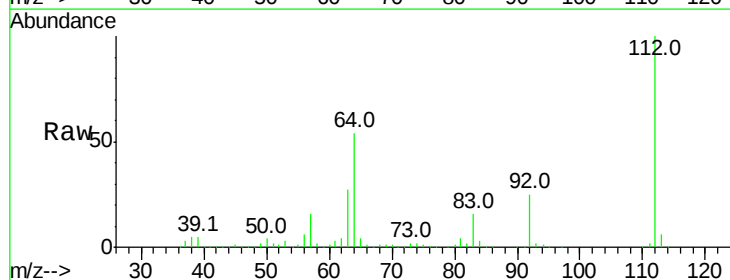
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



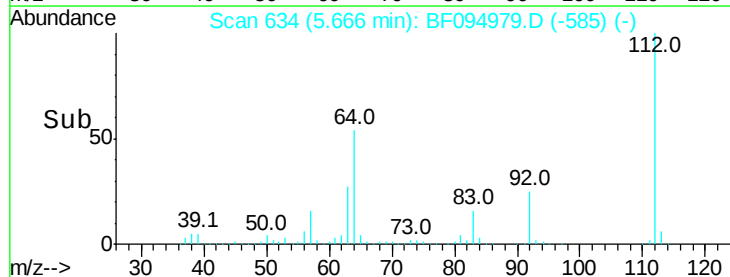
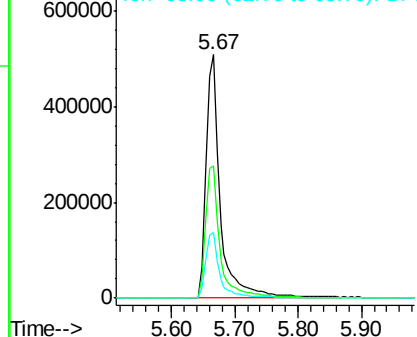
#5

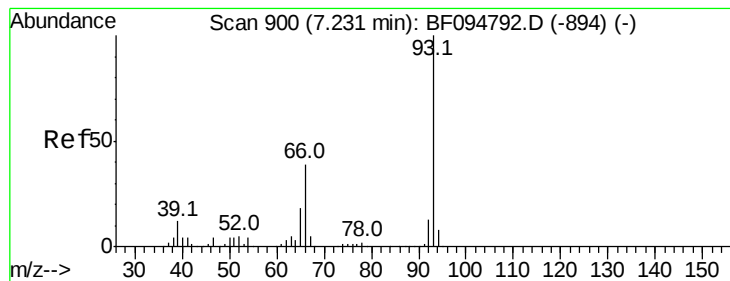
2-Fluorophenol
Concen: 125.53 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:112 Resp: 795942
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 26.8 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: 121.24 ng

RT: 7.38 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Instrument :

BNA_F

ClientSampled :

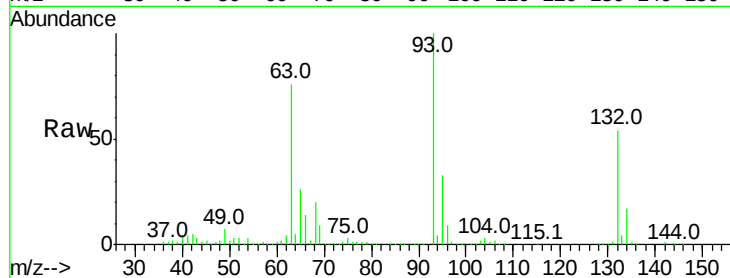
Tot Ion: 93 Resp: 1164440

Ion Ratio Lower Upper

93 100

66 13.6 32.9 49.3#

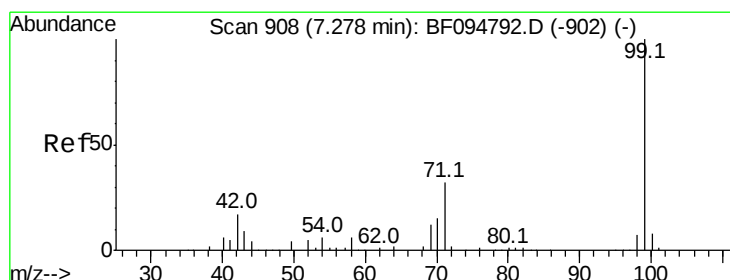
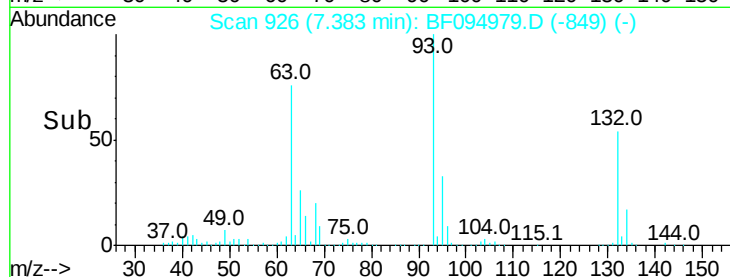
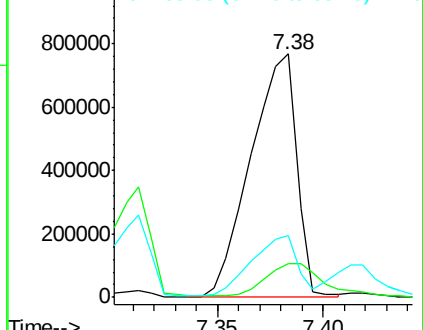
65 25.6 16.0 24.0#



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: 121.24 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

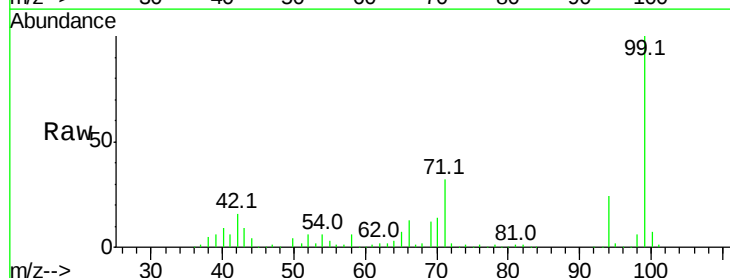
Tgt Ion: 99 Resp: 922372

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

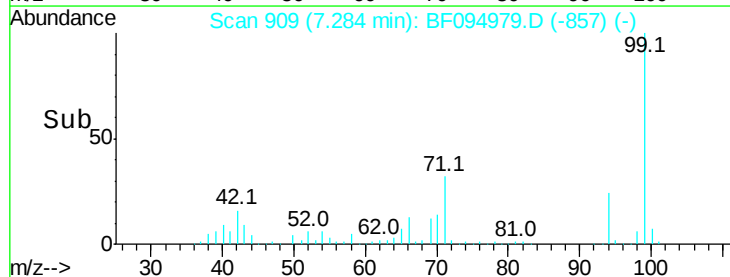
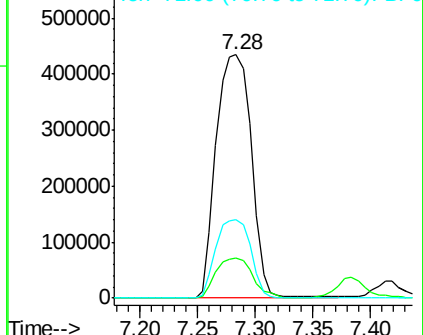
71 32.5 24.5 36.7

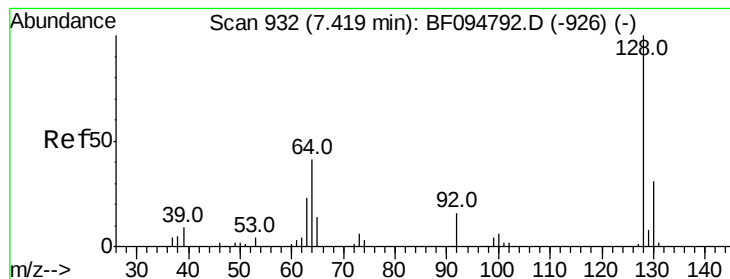


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 138.65 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

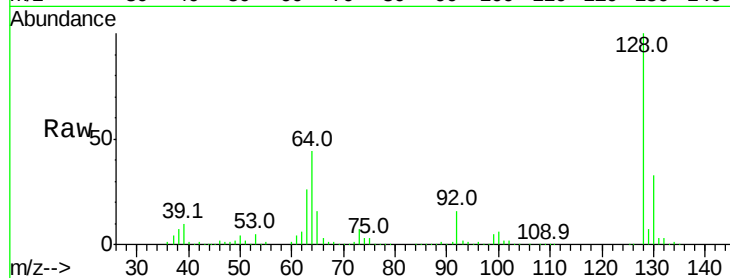
Tot Ion:128 Resp: 1000657

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

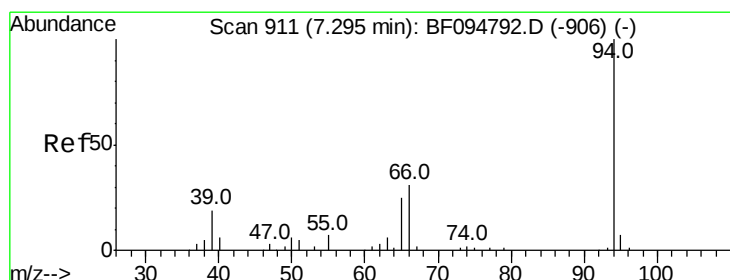
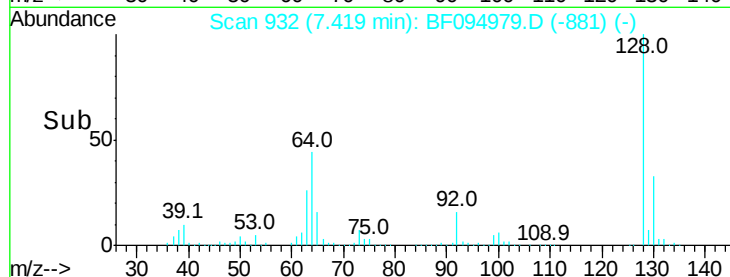
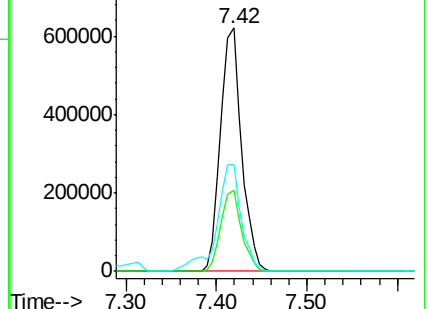
64 43.7 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#10

Phenol

Concen: 172.91 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.02 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

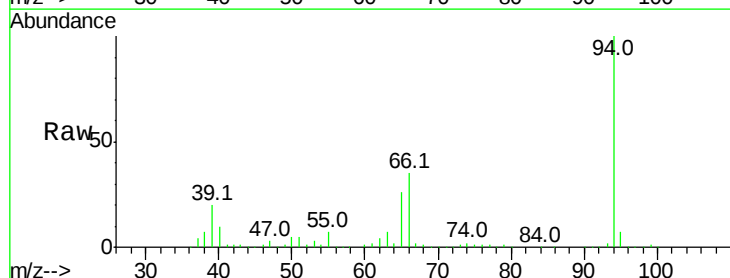
Tgt Ion: 94 Resp: 1386175

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

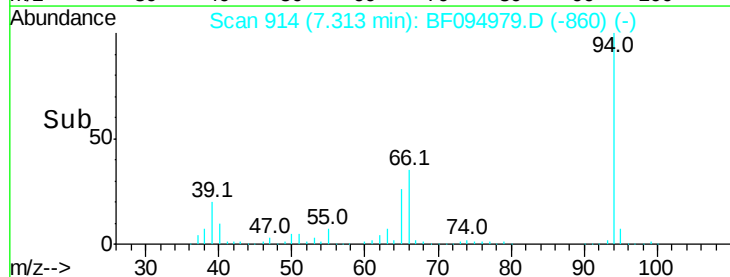
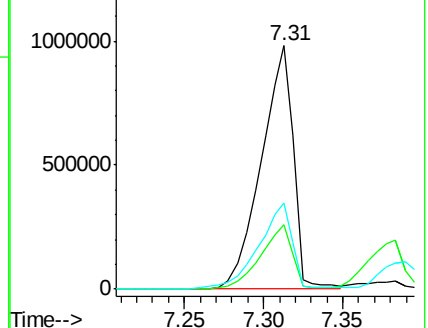
66 35.3 23.1 63.1

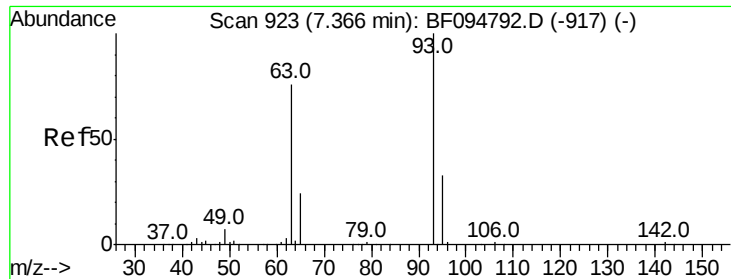


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 175.94 ng

RT: 7.38 min Scan# 926

Delta R.T. 0.02 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

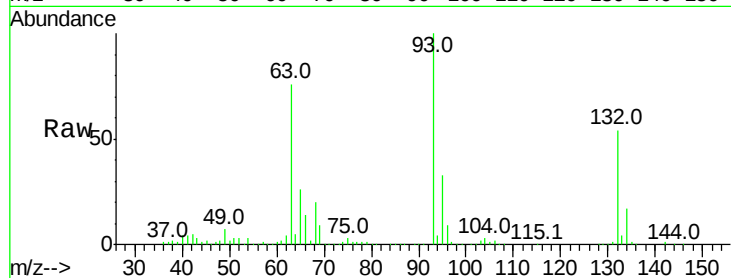
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 1164440

Ion	Ratio	Lower	Upper
93	100		
63	75.6	59.2	99.2
95	33.3	12.8	52.8

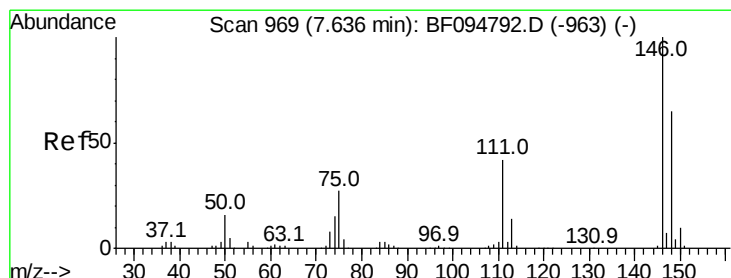
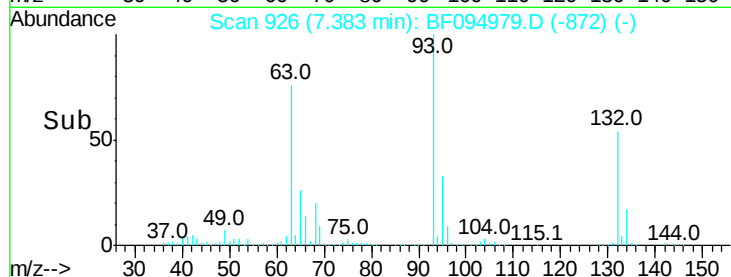
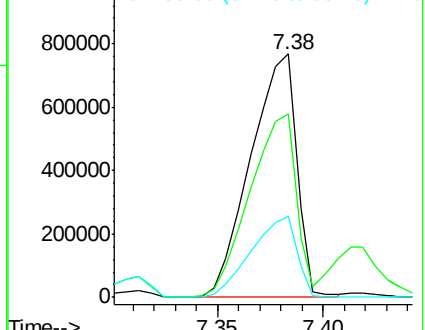


Abundance

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: 185.01 ng

RT: 7.64 min Scan# 970

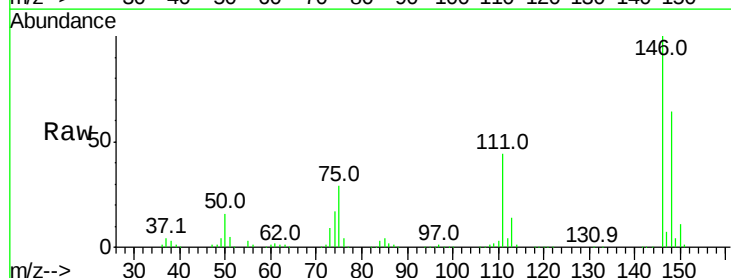
Delta R.T. 0.01 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Tgt Ion: 146 Resp: 1514638

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	29.2	23.1	34.7

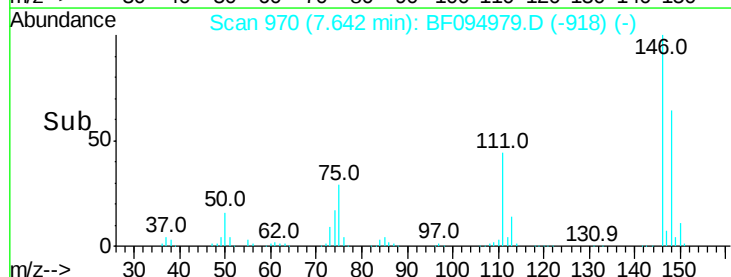
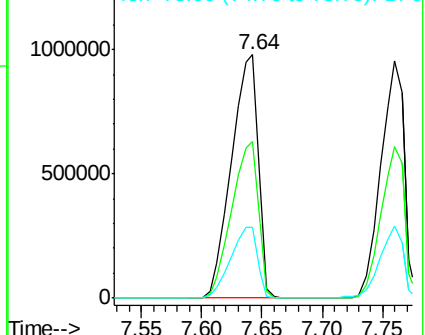


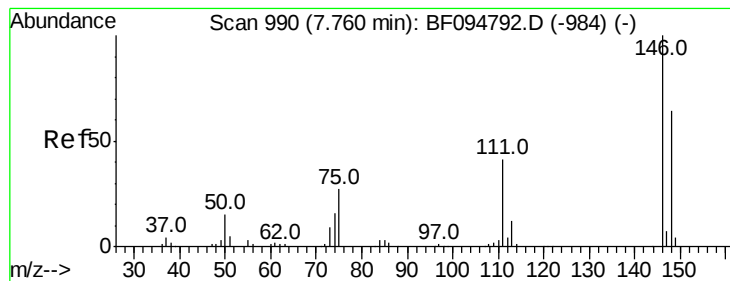
Abundance

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: 155.54 ng

RT: 7.76 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Instrument :

BNA_F

ClientSampled :

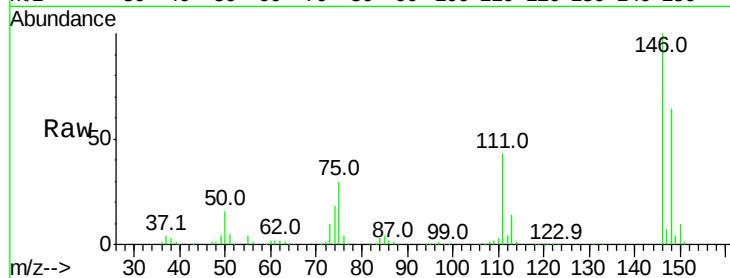
Tot Ion:146 Resp: 1291353

Ion Ratio Lower Upper

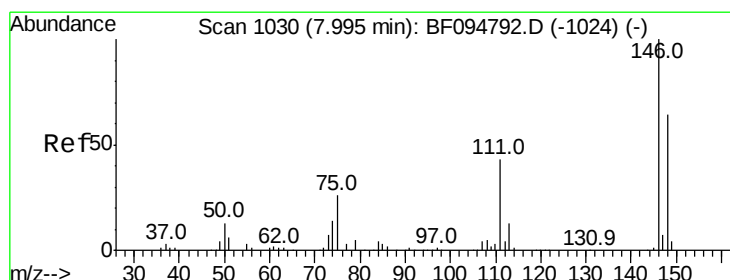
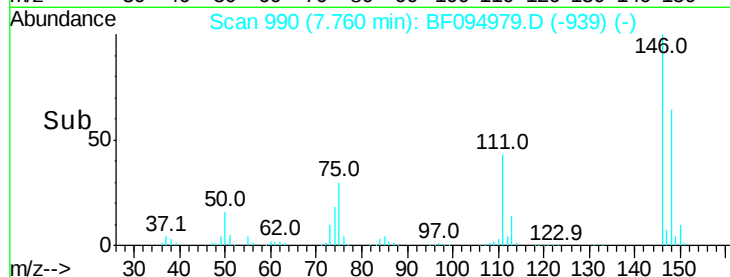
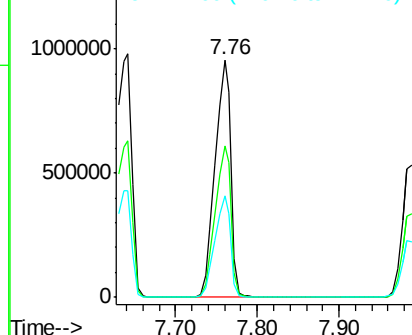
146 100

148 63.9 52.2 78.2

111 43.0 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: 80.56 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

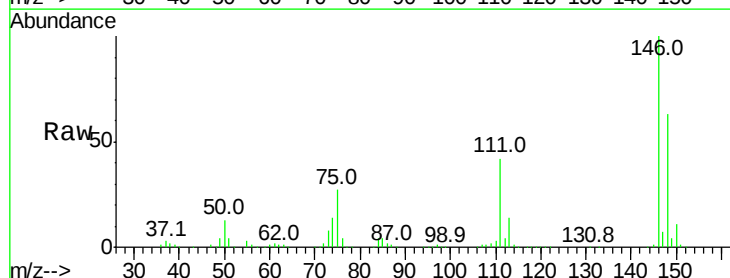
Tgt Ion:146 Resp: 624280

Ion Ratio Lower Upper

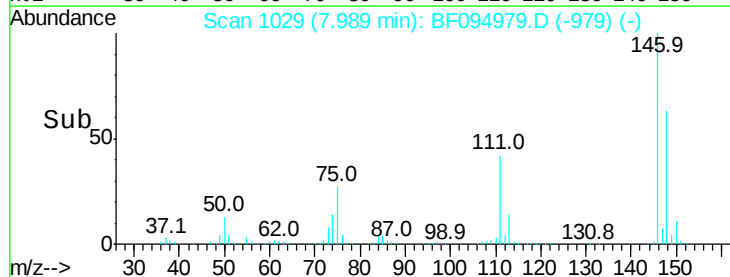
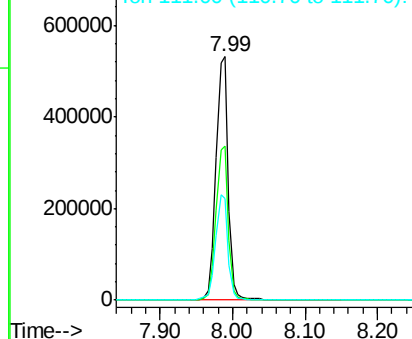
146 100

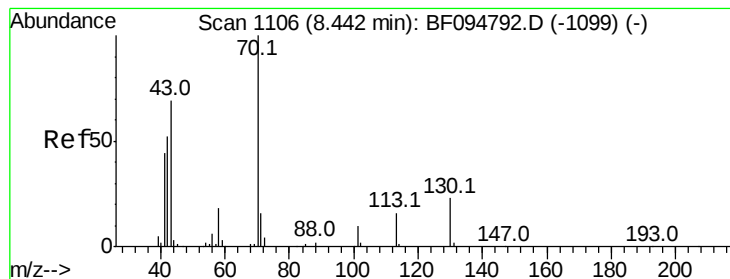
148 63.2 50.4 75.6

111 41.8 38.2 57.4



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





#19

n-Nitroso-di-n-propylamine

Concen: 13.26 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 68244

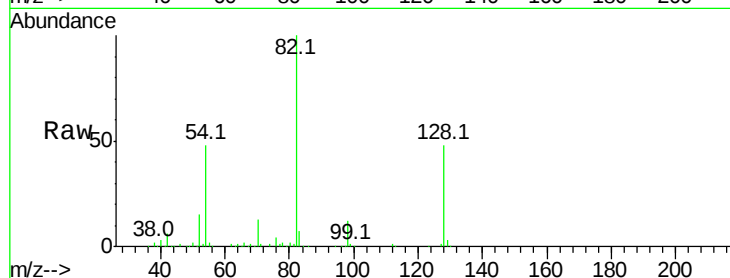
Ion Ratio Lower Upper

70 100

42 44.8 47.2 70.8#

101 0.0 7.2 10.8#

130 3.0 15.9 23.9#

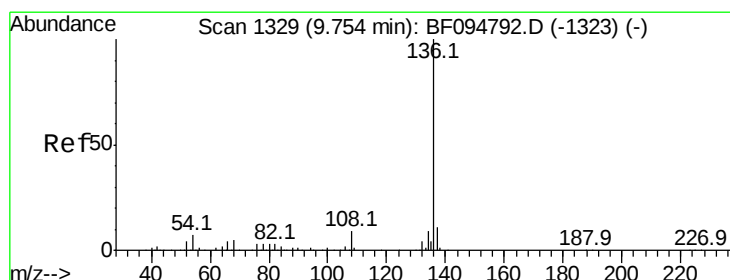
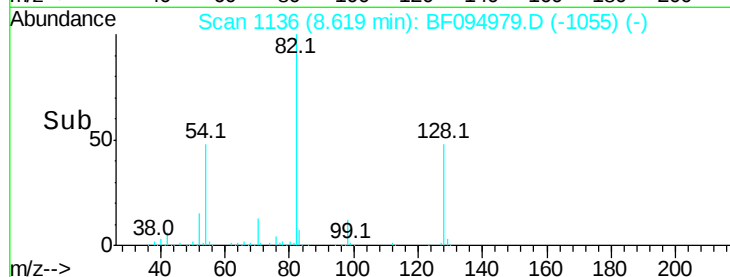
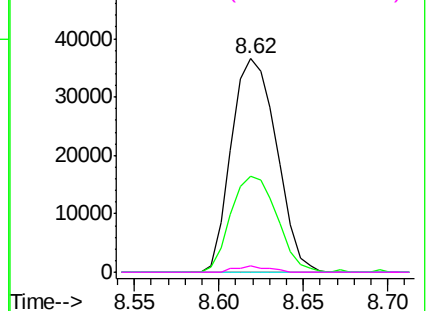


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Tgt Ion: 136 Resp: 409698

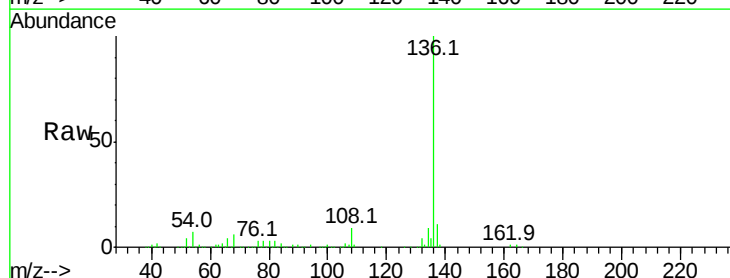
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 5.5 4.1 6.1

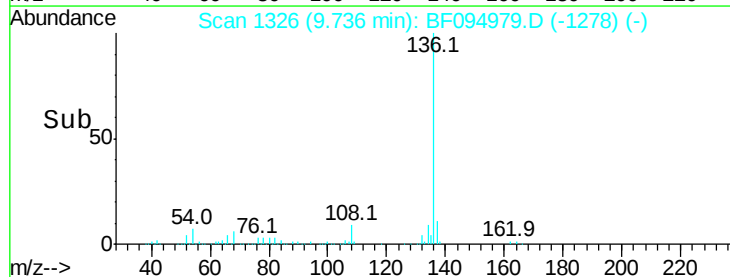
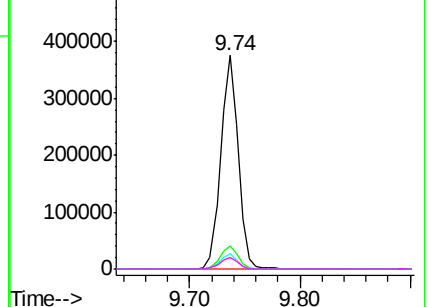


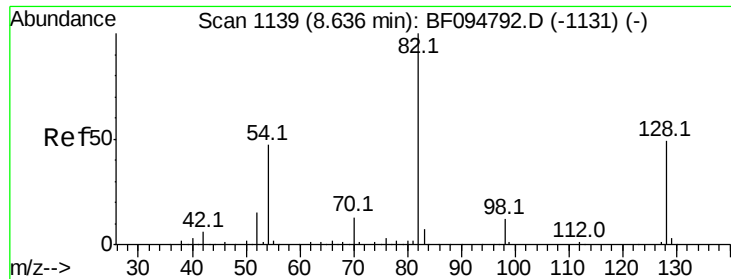
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

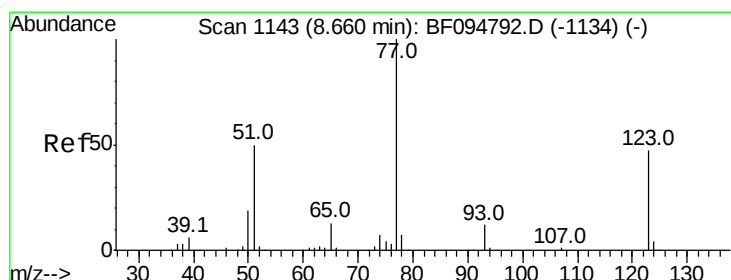
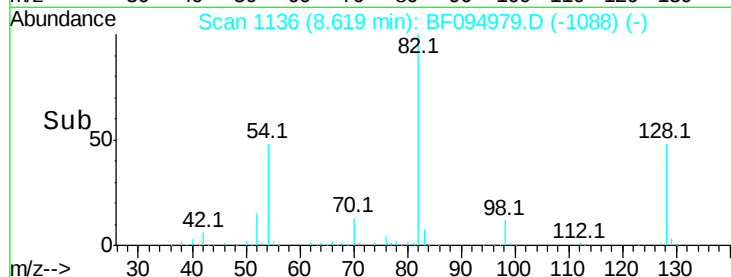
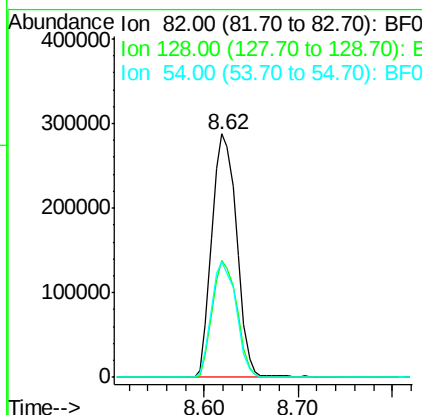
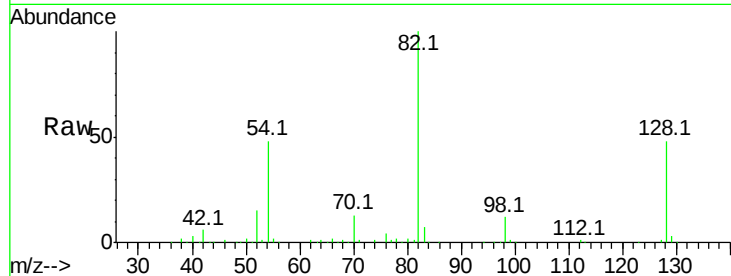




#23
 Nitrobenzene-d5
 Concen: 82.60 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

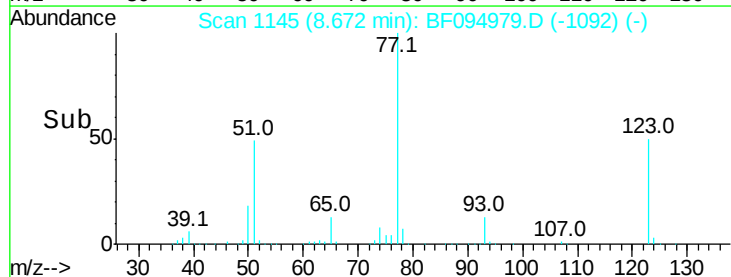
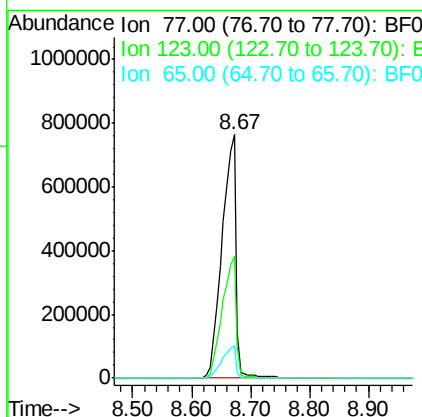
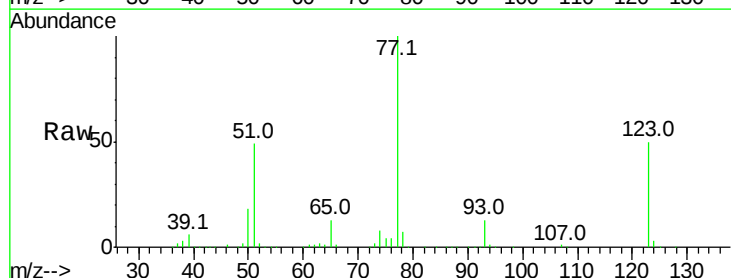
Instrument :
 BNA_F
 ClientSampleId :

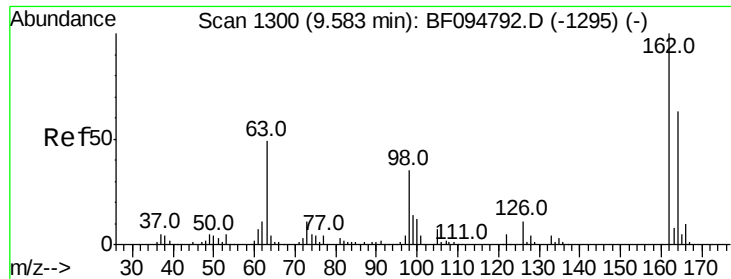
Tot Ion: 82 Resp: 536680
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 47.7 42.2 63.2



#24
 Nitrobenzene
 Concen: 184.04 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

Tgt Ion: 77 Resp: 1253299
 Ion Ratio Lower Upper
 77 100
 123 50.3 35.8 53.8
 65 13.2 10.6 15.8

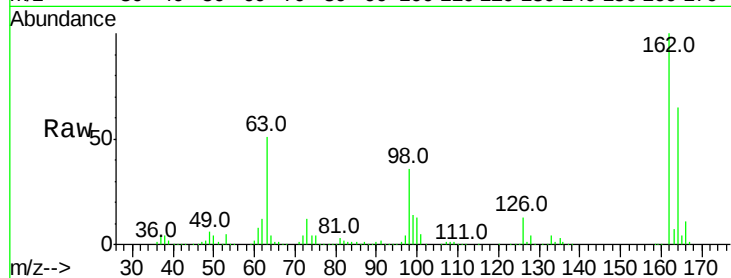




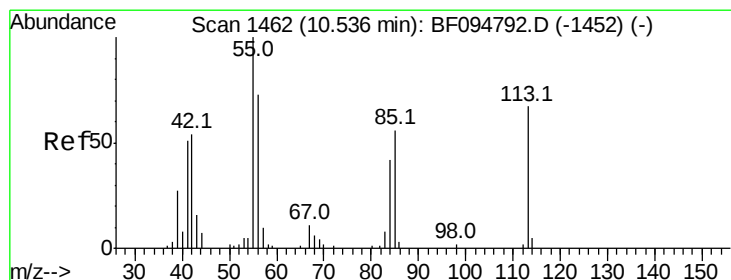
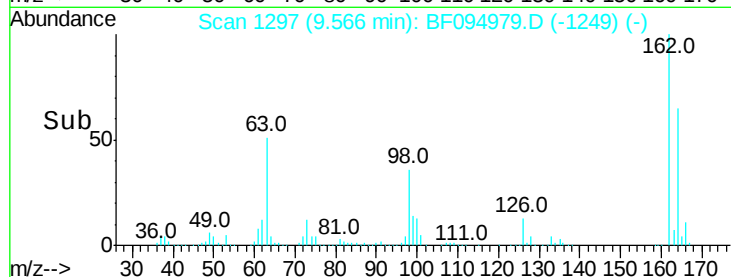
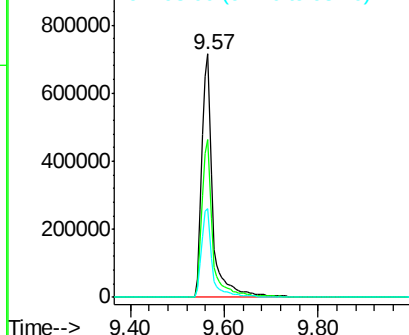
#29
 2,4-Dichlorophenol
 Concen: 205.04 ng
 RT: 9.57 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1150225
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.6 84.6
 98 36.3 14.8 54.8

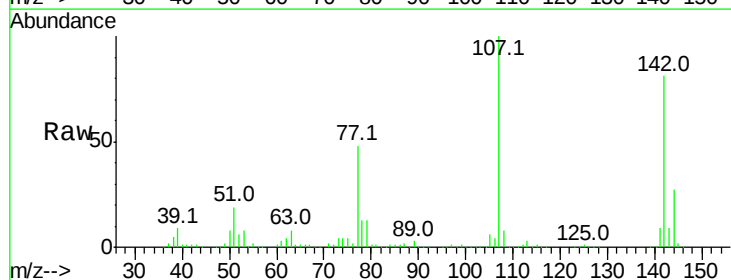


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

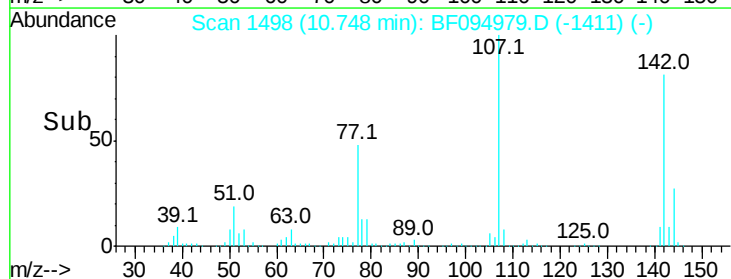
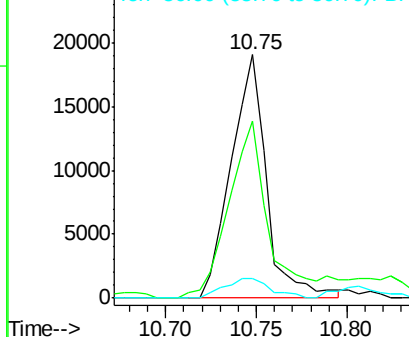


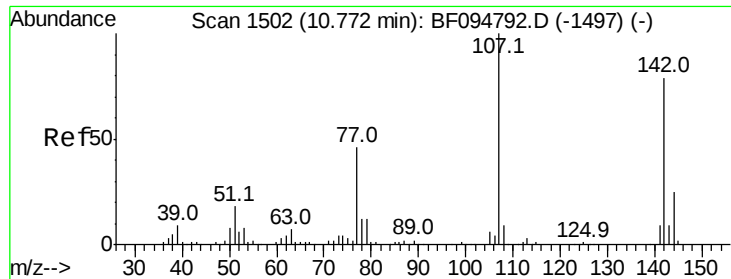
#35
 Caprolactam
 Concen: 15.32 ng
 RT: 10.75 min Scan# 1498
 Delta R.T. 0.21 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

Tgt Ion:113 Resp: 25805
 Ion Ratio Lower Upper
 113 100
 55 72.6 150.2 190.2#
 56 7.9 107.8 147.8#



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

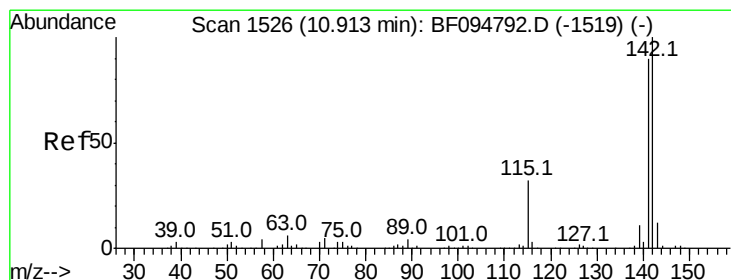
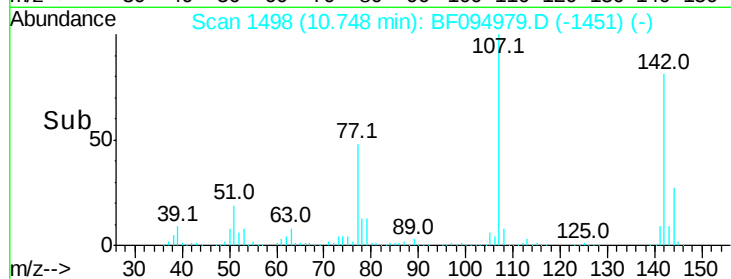
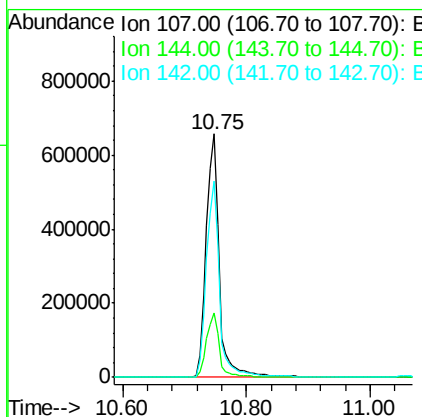
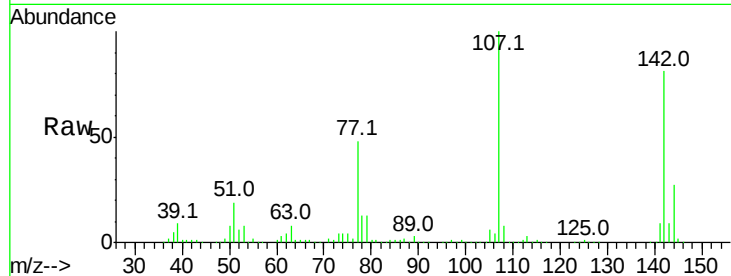




#36
 4-Chloro-3-methylphenol
 Concen: 161.83 ng
 RT: 10.75 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

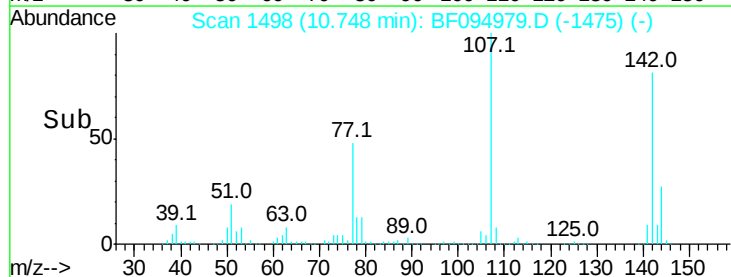
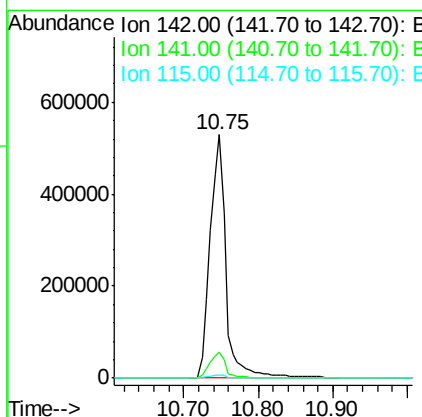
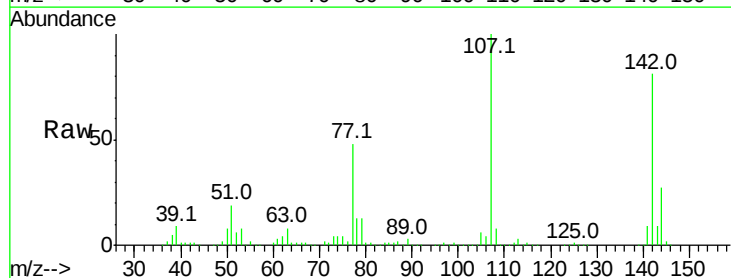
Instrument :
 BNA_F
 ClientSampled :

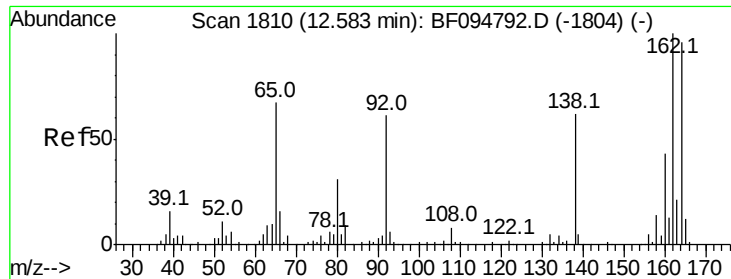
Tot Ion:107 Resp: 970624
 Ion Ratio Lower Upper
 107 100
 144 26.5 24.2 36.4
 142 80.6 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 57.88 ng
 RT: 10.75 min Scan# 1498
 Delta R.T. -0.16 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

Tgt Ion:142 Resp: 782192
 Ion Ratio Lower Upper
 142 100
 141 10.9 71.3 106.9#
 115 1.4 27.1 40.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

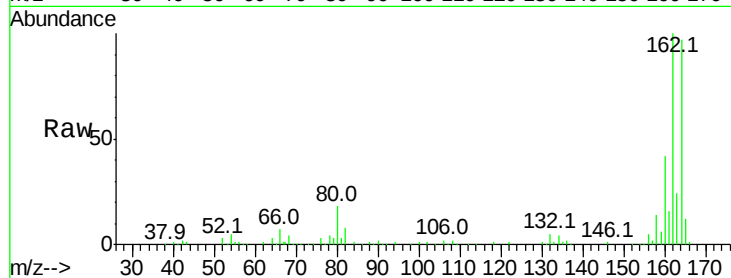
Tot Ion:164 Resp: 179128

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

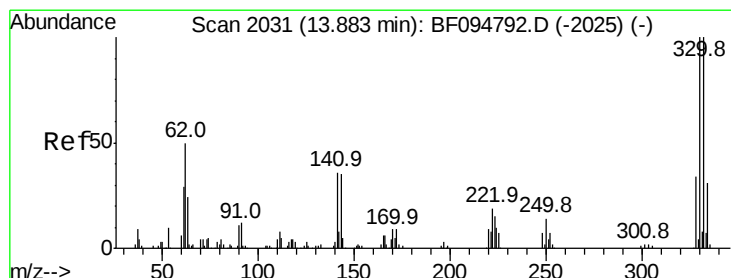
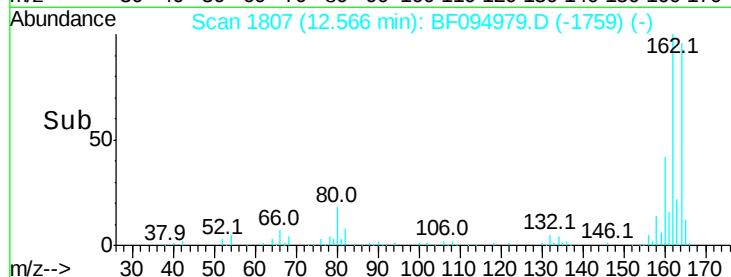
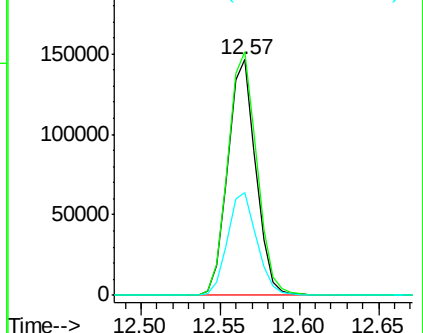
160 43.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 140.02 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

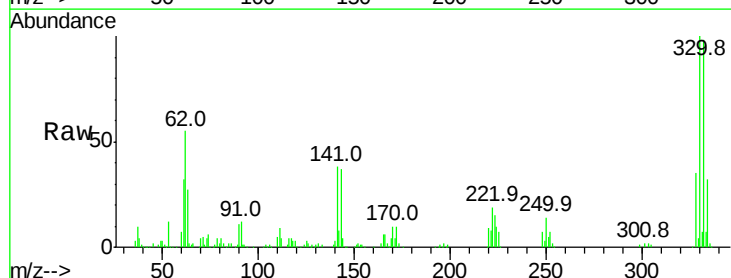
Tgt Ion:330 Resp: 205409

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

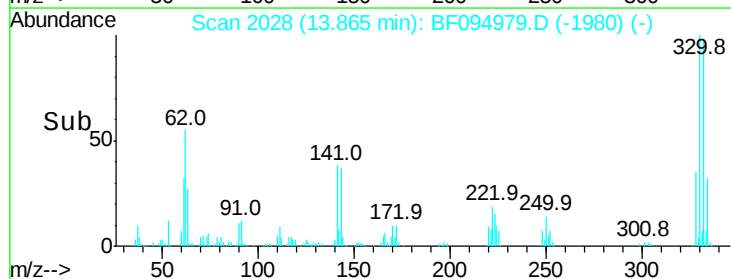
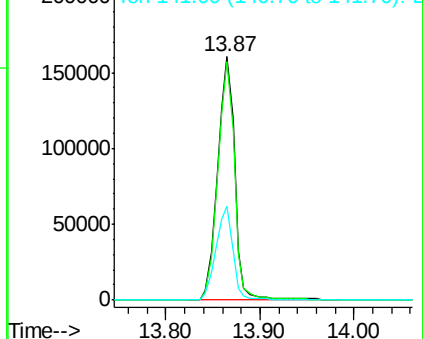
141 38.6 31.4 47.2

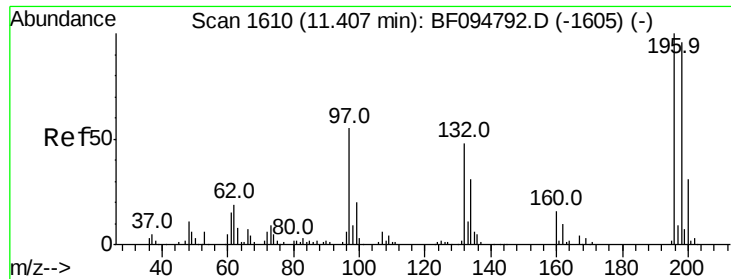


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 173.16 ng

RT: 11.46 min Scan# 1619

Delta R.T. 0.05 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Instrument :

BNA_F

ClientSampleId :

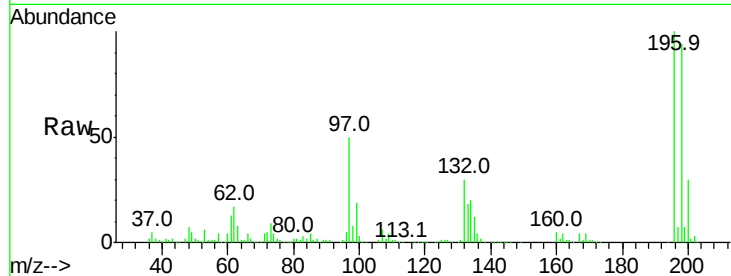
Tot Ion:196 Resp: 636884

Ion Ratio Lower Upper

196 100

198 93.9 74.2 111.4

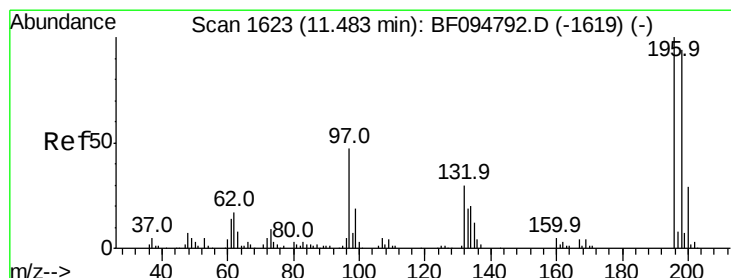
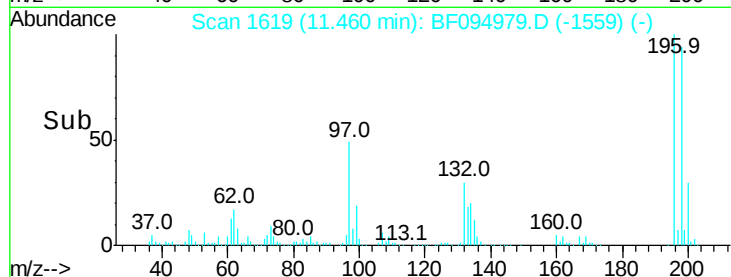
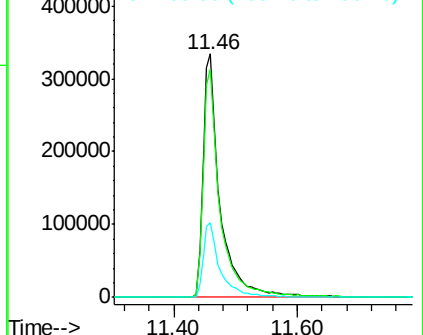
200 30.4 24.0 36.0



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: 161.28 ng

RT: 11.46 min Scan# 1619

Delta R.T. -0.02 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Tgt Ion:196 Resp: 637562

Ion Ratio Lower Upper

196 100

198 93.9 75.7 113.5

97 49.5 47.7 71.5

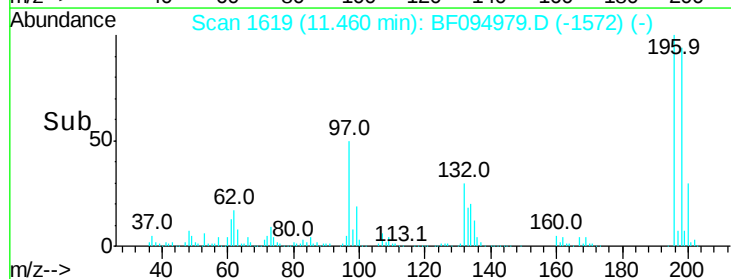
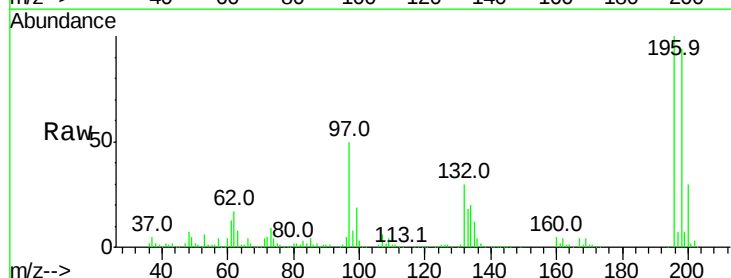
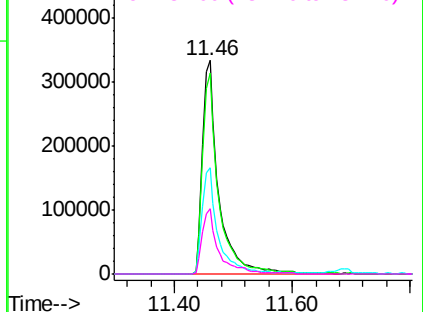
132 30.3 28.0 42.0

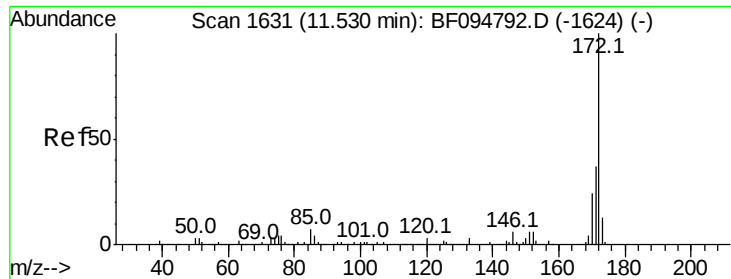
Abundance Ion 196.00 (195.70 to 196.70): E

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

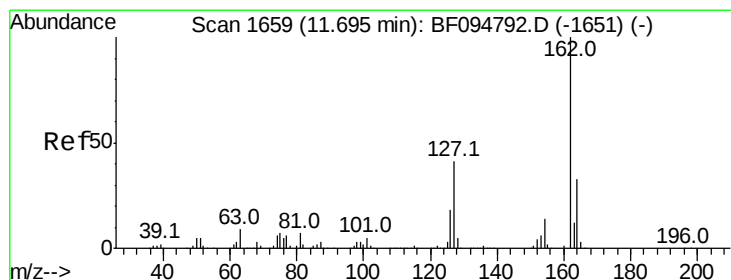
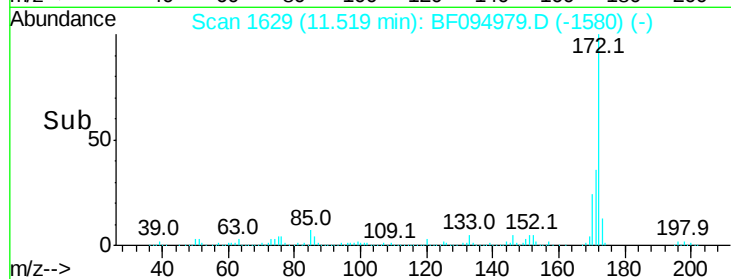
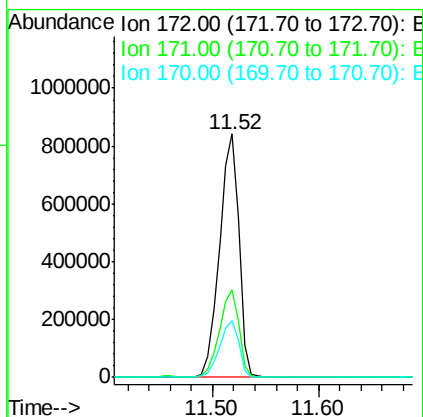
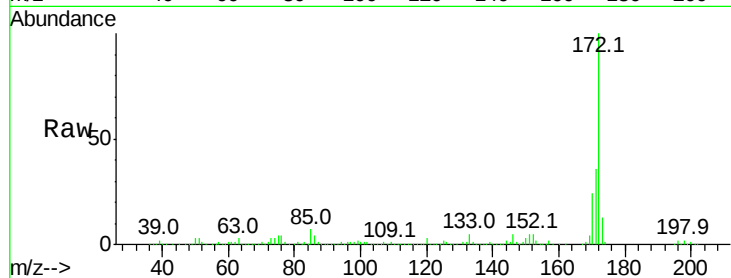




#44
2-Fluorobiphenyl
Concen: 87.27 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

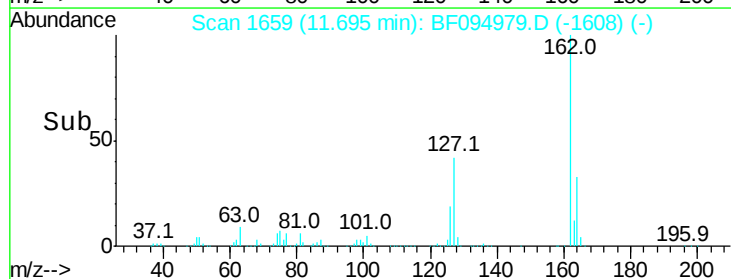
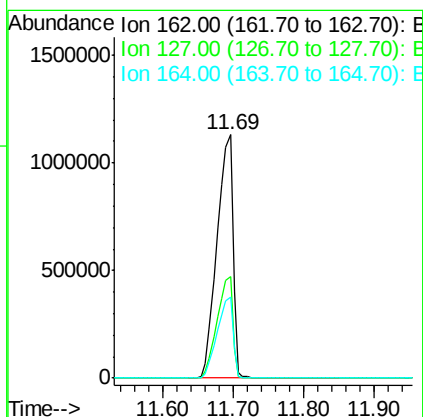
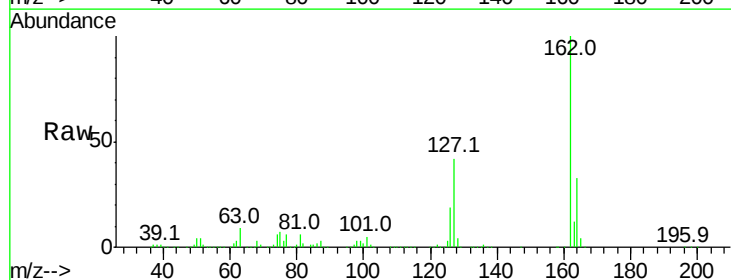
Instrument :
BNA_F
ClientSampleId :

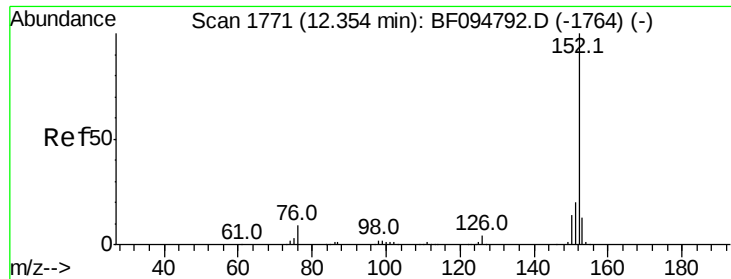
Tot Ion:172 Resp: 1086116
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.6 19.8 29.8



#46
2-Chloronaphthalene
Concen: 146.28 ng
RT: 11.69 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:162 Resp: 1781303
Ion Ratio Lower Upper
162 100
127 41.6 28.3 42.5
164 33.3 27.0 40.4





#48

Acenaphthylene

Concen: 116.10 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

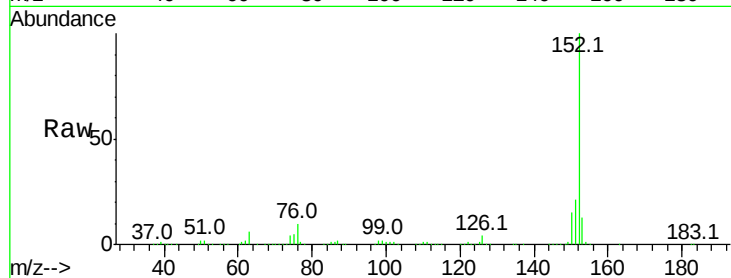
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2214528

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.2	10.8	16.2

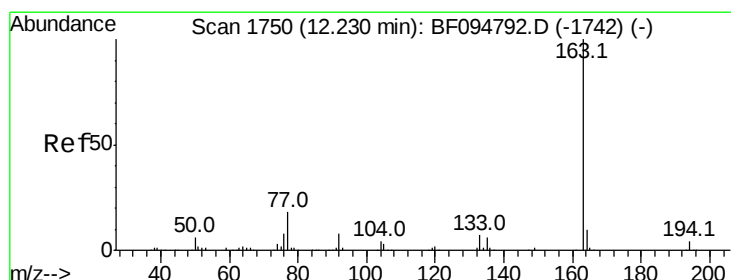
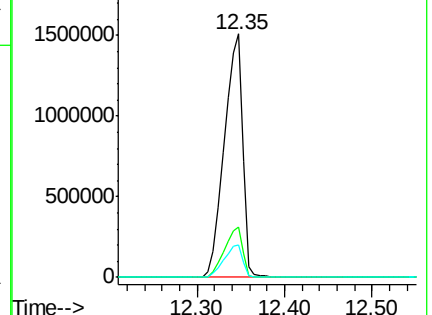
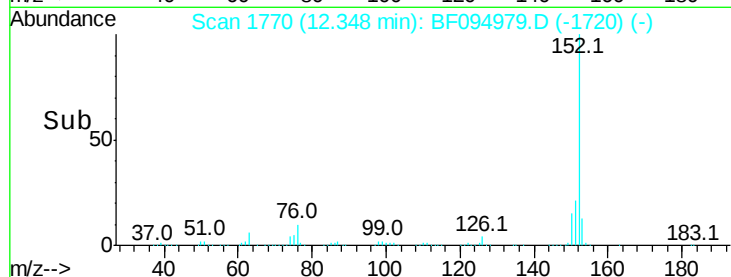


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 82.68 ng

RT: 12.21 min Scan# 1747

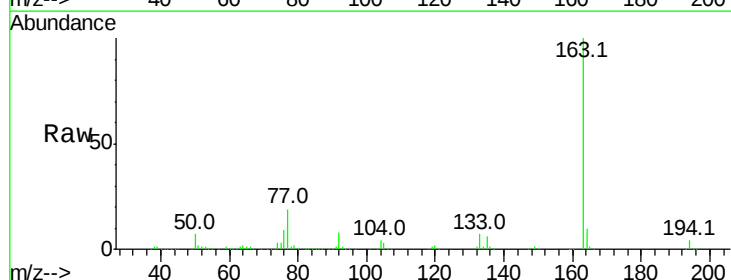
Delta R.T. -0.02 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Tgt Ion:163 Resp: 1215821

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

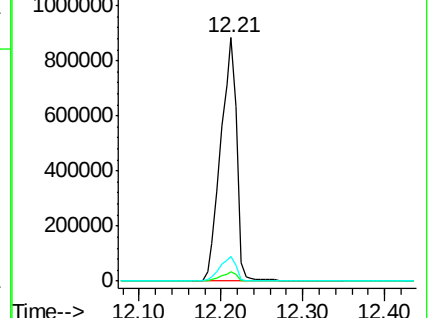
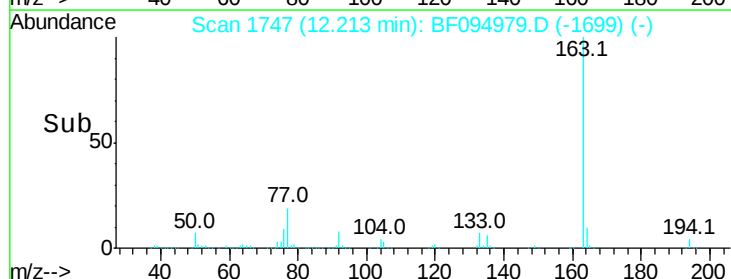


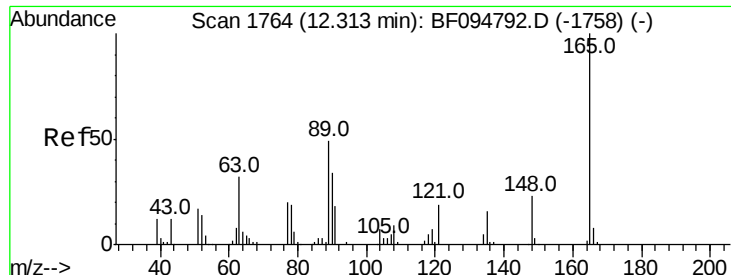
Abundance

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

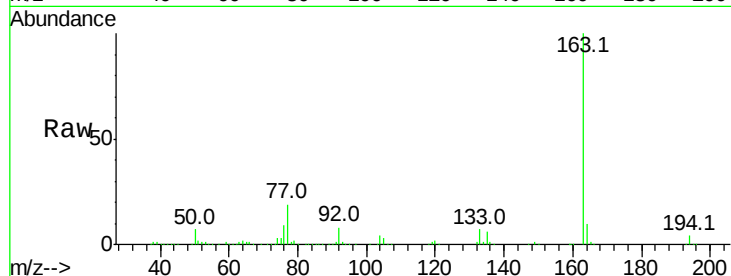




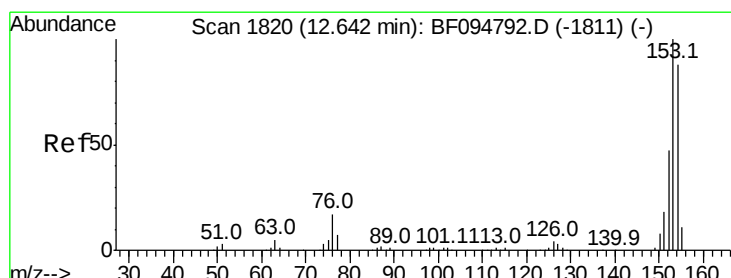
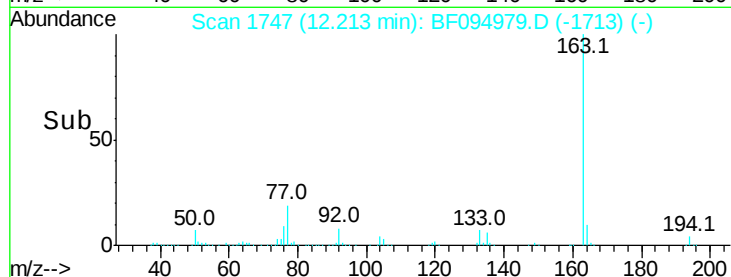
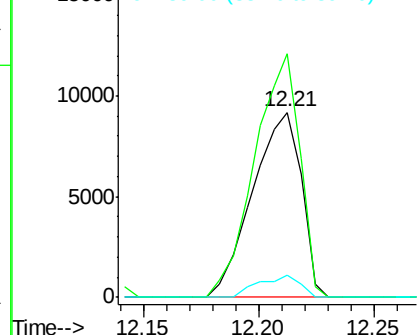
#50
2,6-Dinitrotoluene
Concen: 4.48 ng
RT: 12.21 min Scan# 1747
Delta R.T. -0.10 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 13441
Ion Ratio Lower Upper
165 100
63 131.7 34.3 51.5#
89 12.2 37.1 55.7#

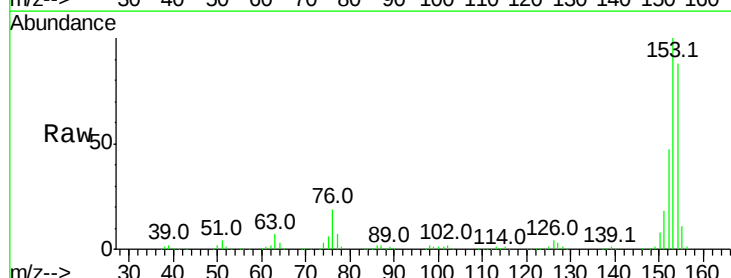


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

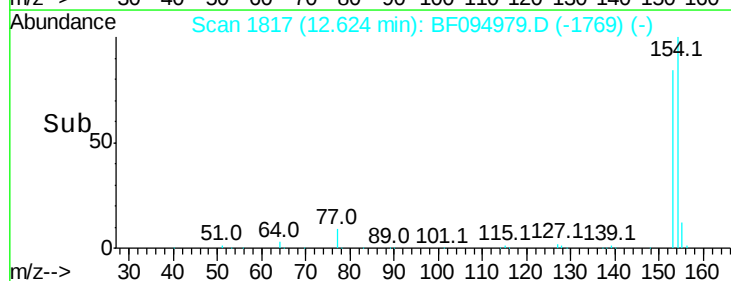
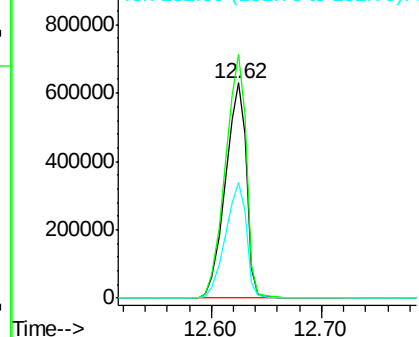


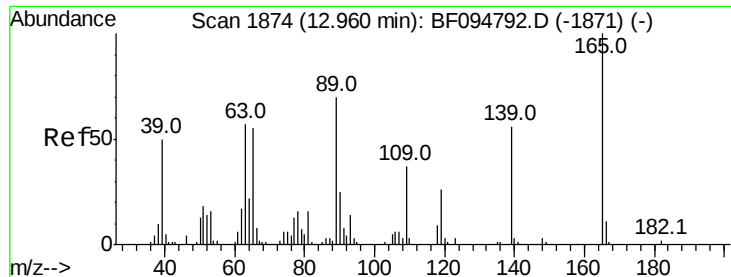
#51
Acenaphthene
Concen: 73.08 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:154 Resp: 832613
Ion Ratio Lower Upper
154 100
153 113.0 90.5 135.7
152 53.6 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

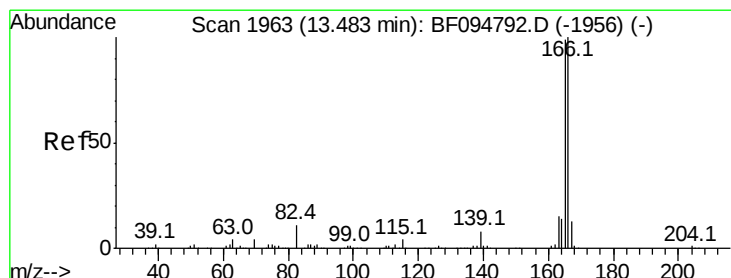
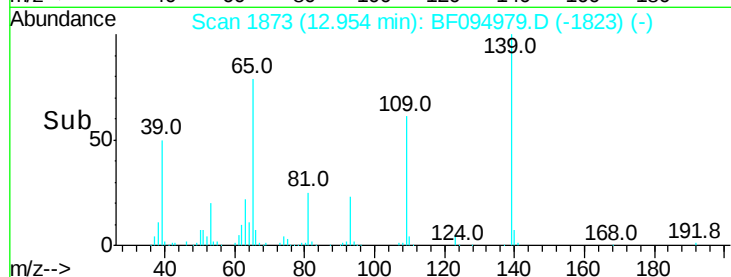
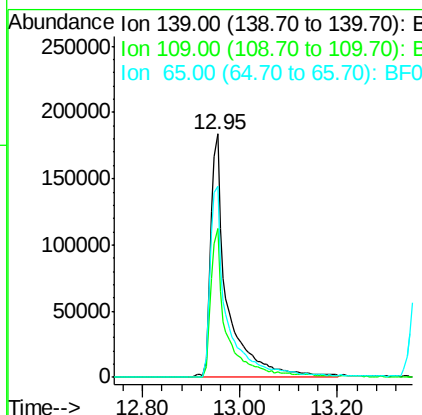
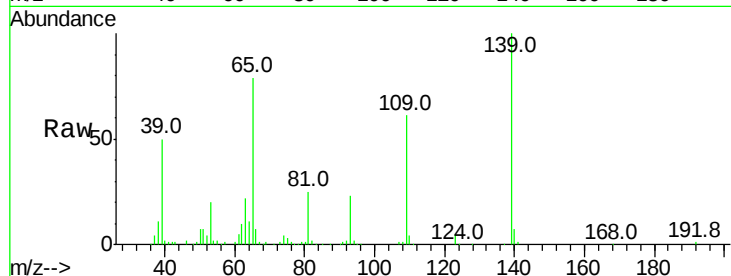




#55
4-Nitrophenol
Concen: 223.27 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

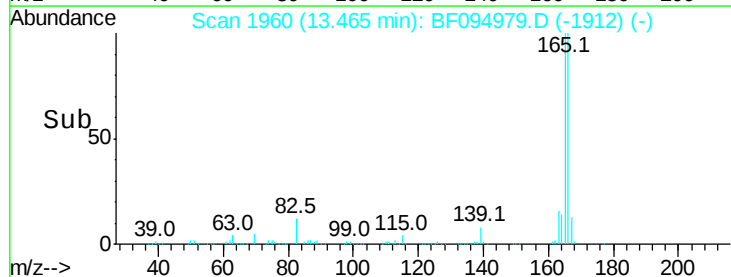
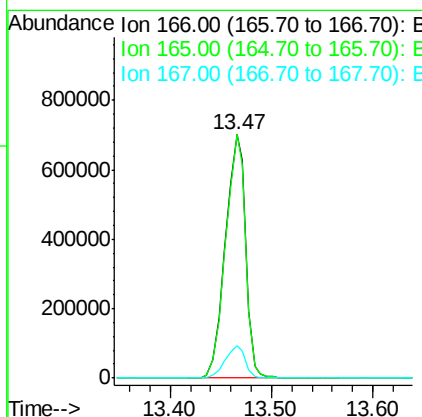
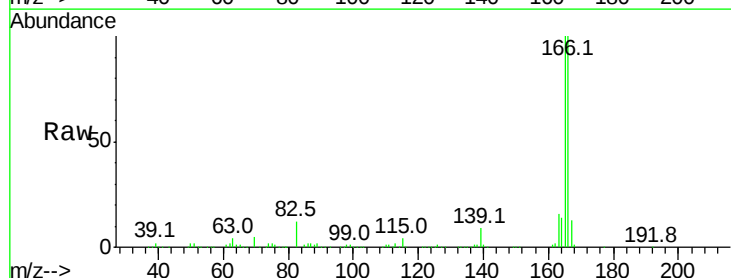
Instrument :
BNA_F
ClientSampled :

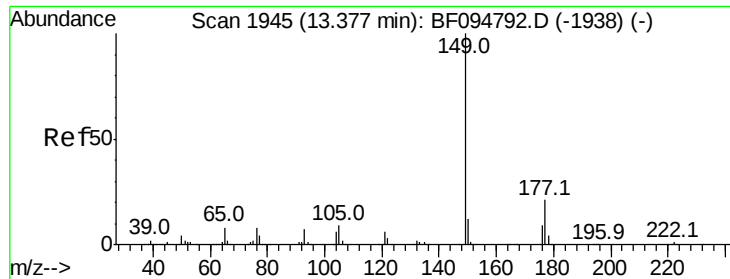
Tot Ion:139 Resp: 431806
Ion Ratio Lower Upper
139 100
109 61.1 34.1 74.1
65 78.6 31.4 71.4#



#57
Fluorene
Concen: 70.89 ng
RT: 13.47 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:166 Resp: 971756
Ion Ratio Lower Upper
166 100
165 100.0 78.8 118.2
167 13.5 10.6 16.0

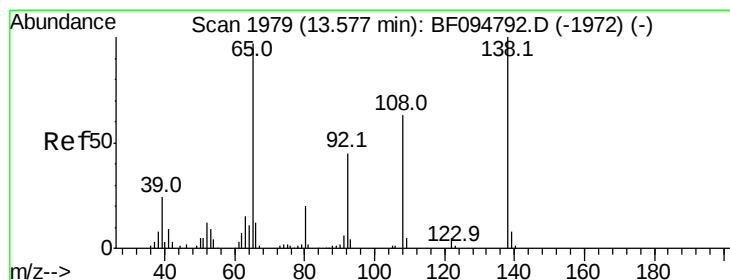
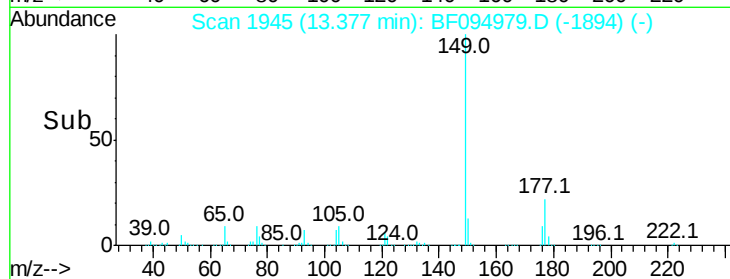
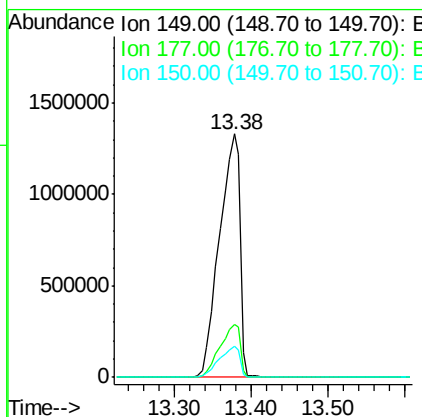
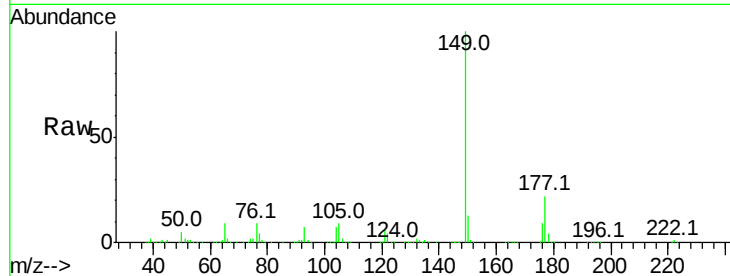




#59
Diethylphthalate
Concen: 174.32 ng
RT: 13.38 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

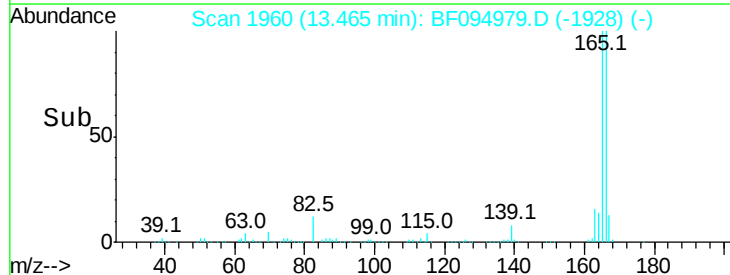
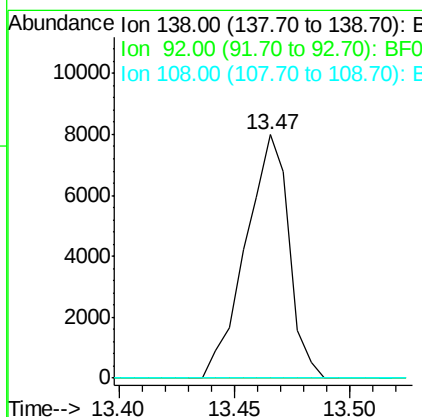
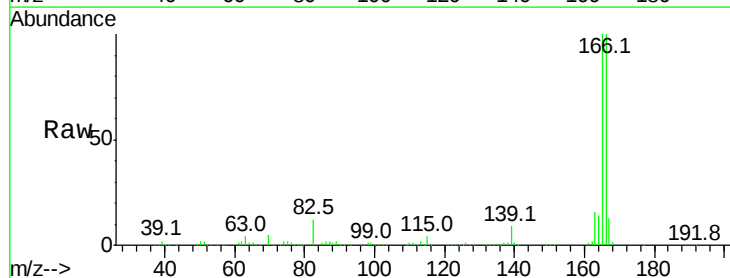
Instrument :
BNA_F
ClientSampleId :

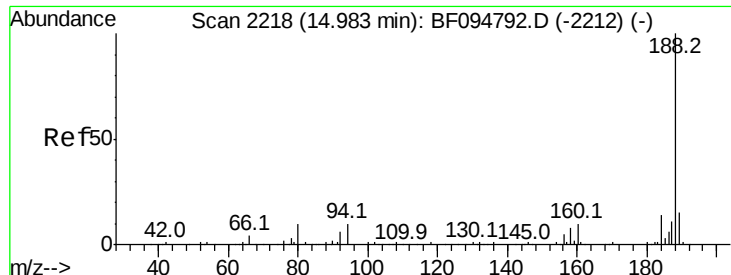
Tot Ion:149 Resp: 2457056
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.8 10.2 15.2



#61
4-Nitroaniline
Concen: 3.52 ng
RT: 13.47 min Scan# 1960
Delta R.T. -0.11 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:138 Resp: 10407
Ion Ratio Lower Upper
138 100
92 0.0 21.8 61.8#
108 0.0 42.3 82.3#

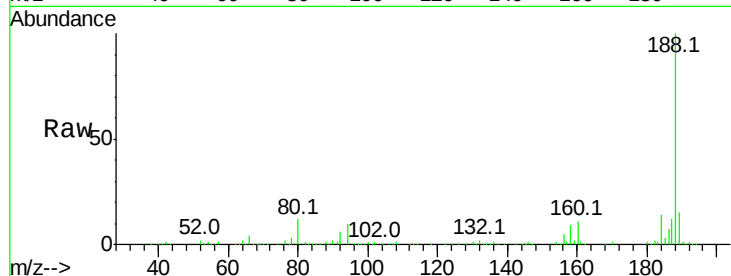




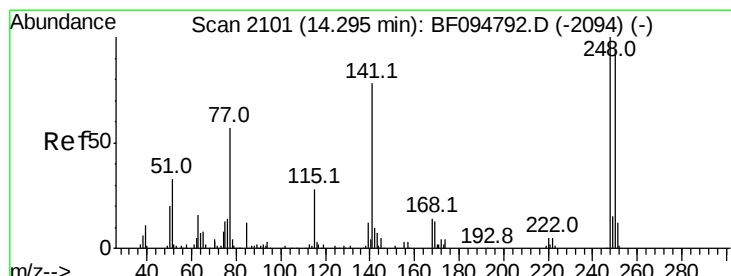
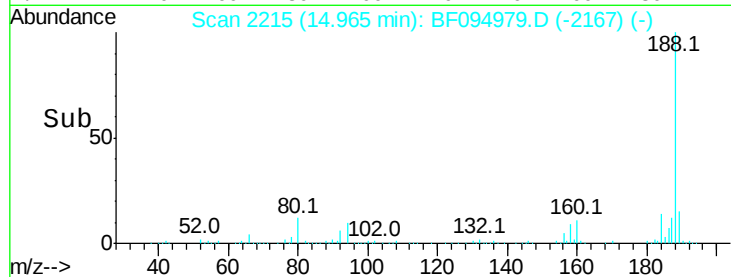
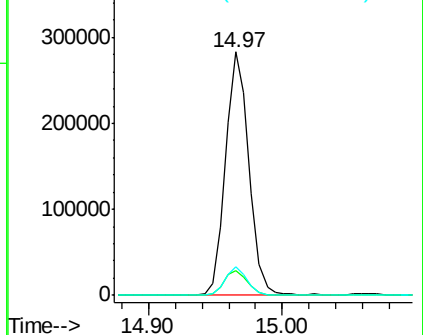
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 350131
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.5 10.2 15.2

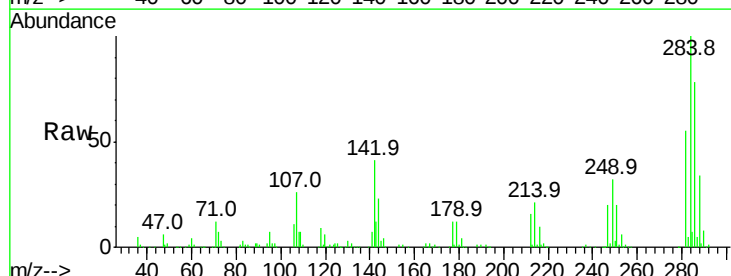


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

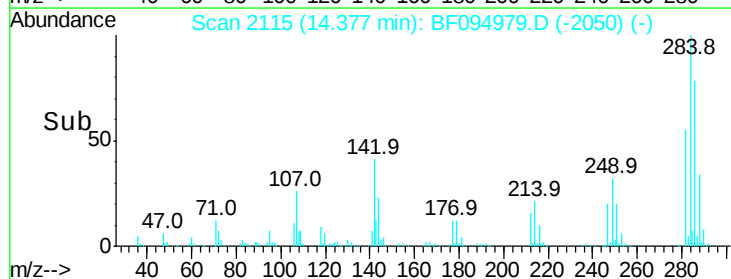
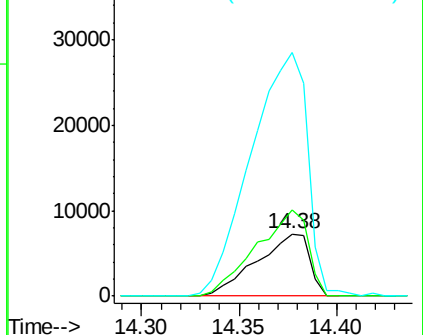


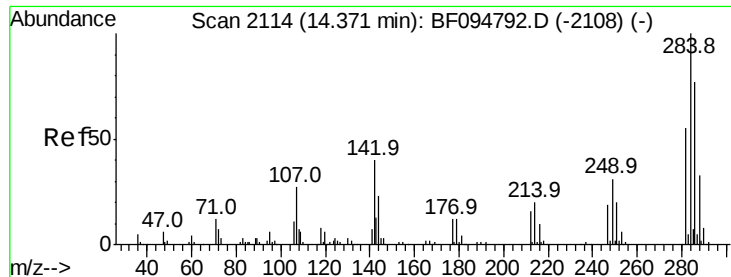
#66
 4-Bromophenyl-phenylether
 Concen: 3.69 ng
 RT: 14.38 min Scan# 2115
 Delta R.T. 0.08 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

Tgt Ion:248 Resp: 13663
 Ion Ratio Lower Upper
 248 100
 250 137.6 76.8 115.2#
 141 389.6 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

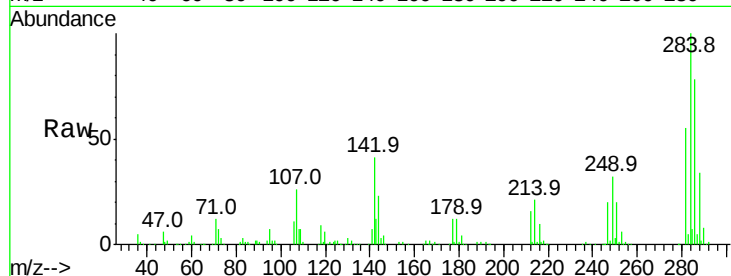




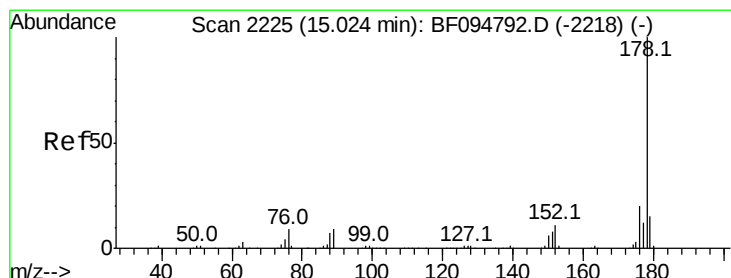
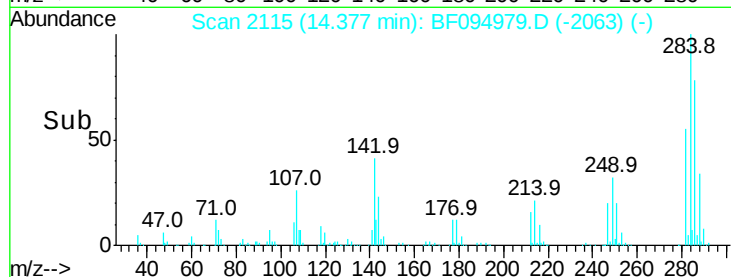
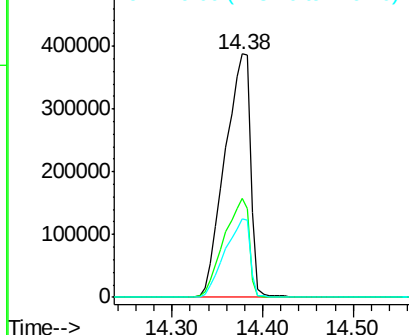
#67
Hexachlorobenzene
Concen: 203.42 ng
RT: 14.38 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 771155
Ion Ratio Lower Upper
284 100
142 40.7 22.8 34.2#
249 32.3 24.0 36.0

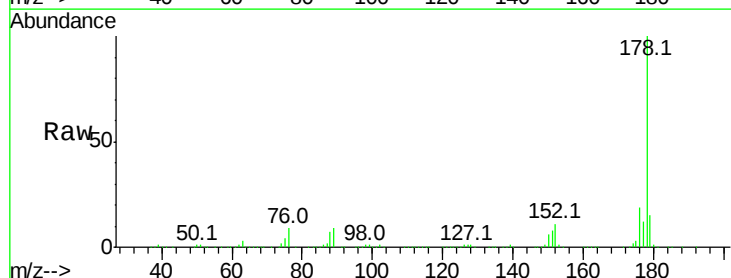


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

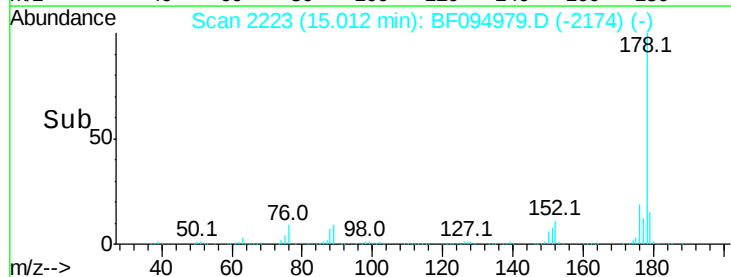
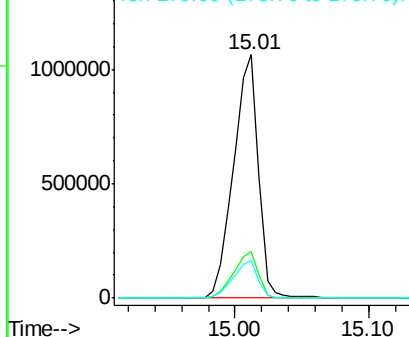


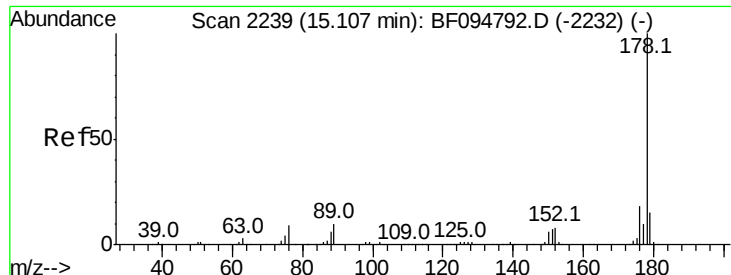
#70
Phenanthrene
Concen: 69.01 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:178 Resp: 1388375
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.3 12.6 19.0



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

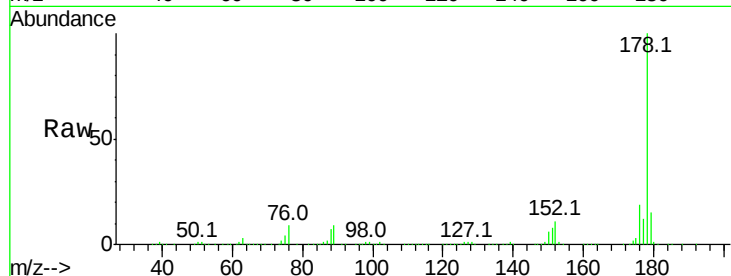




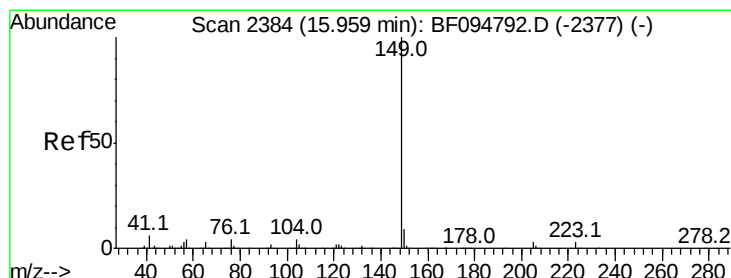
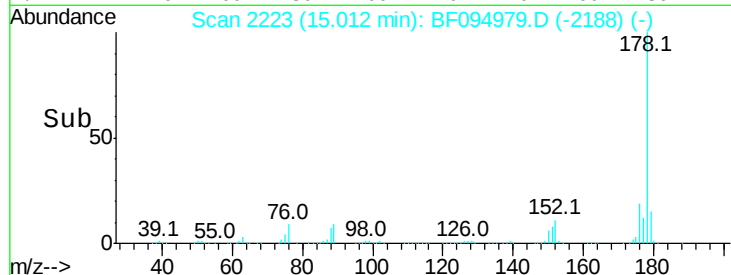
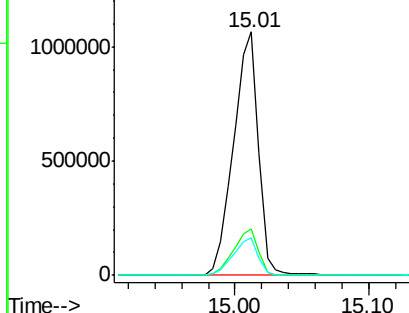
#71
 Anthracene
 Concen: 67.56 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.09 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1388375
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.3 12.7 19.1

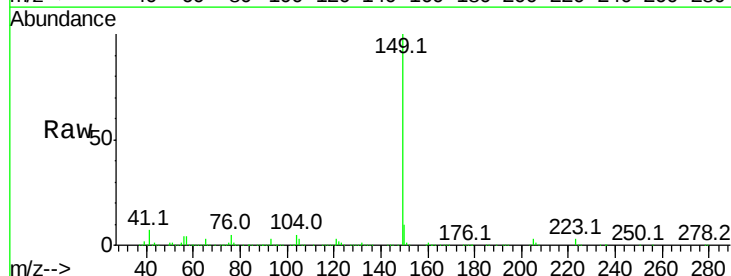


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

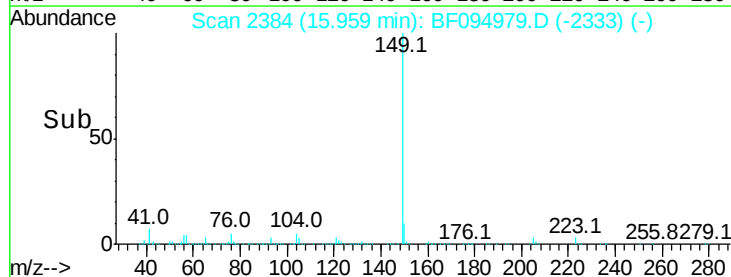
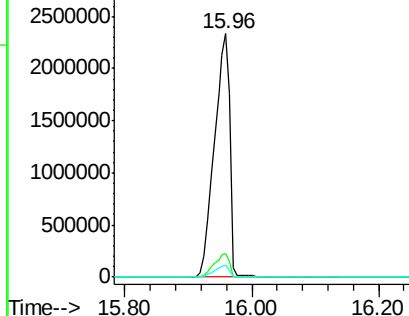


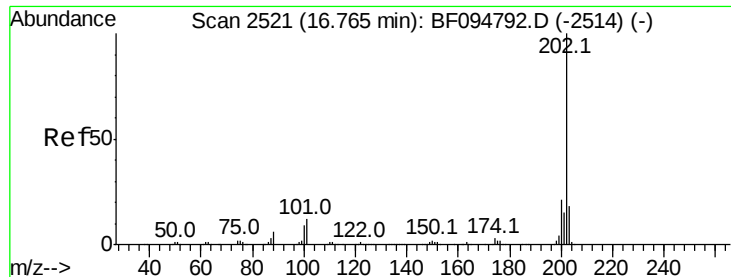
#73
 Di-n-butylphthalate
 Concen: 173.02 ng
 RT: 15.96 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BF094979.D
 Acq: 8 May 2017 12:57

Tgt Ion:149 Resp: 4034221
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

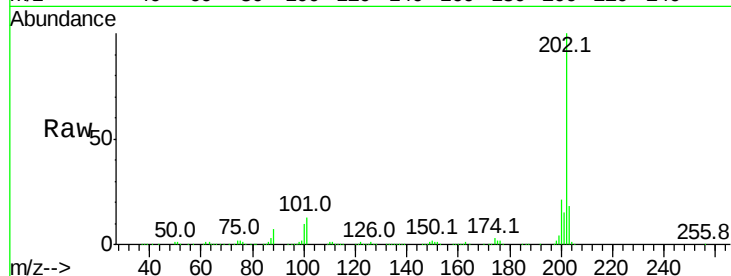




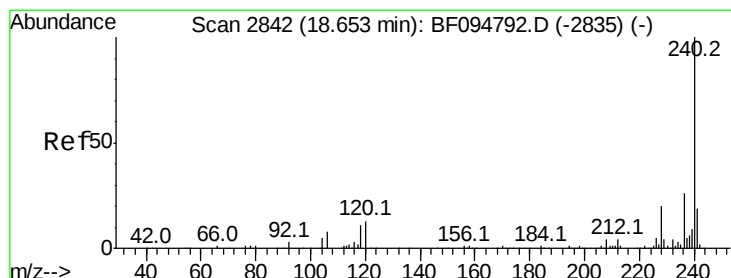
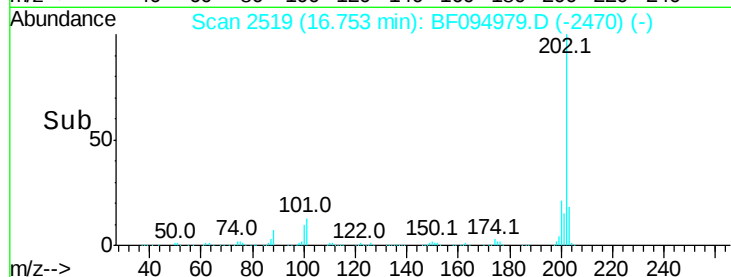
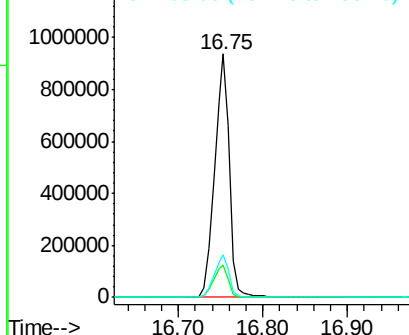
#74
Fluoranthene
Concen: 56.26 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1160929
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.6 0.0 38.1

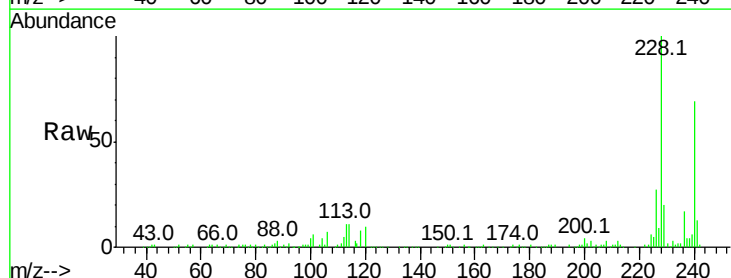


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

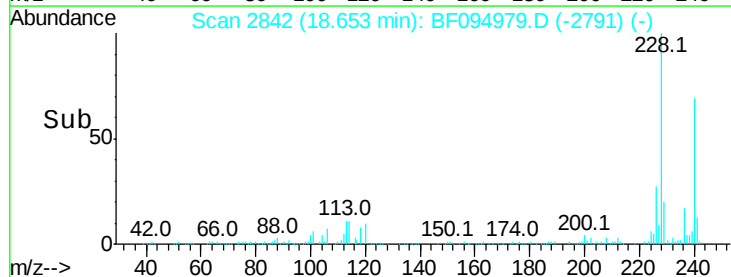
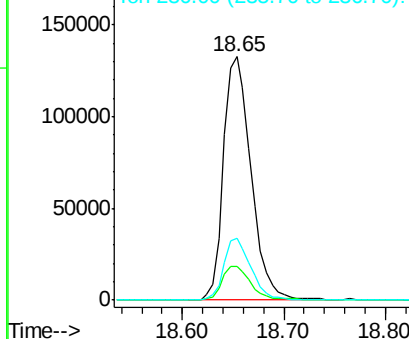


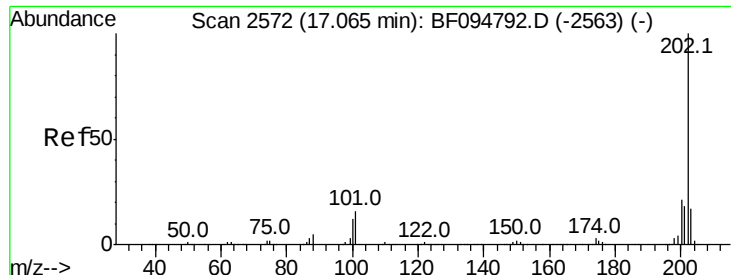
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:240 Resp: 250465
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

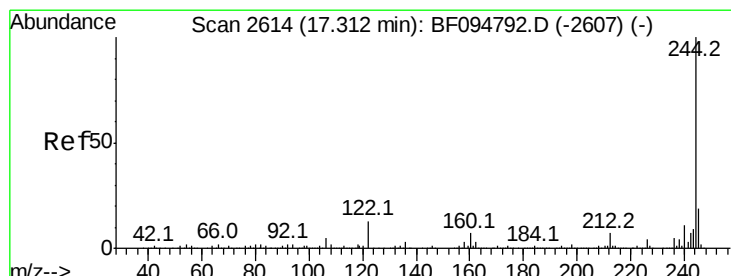
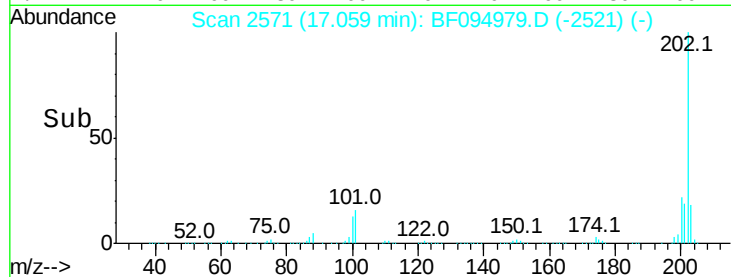
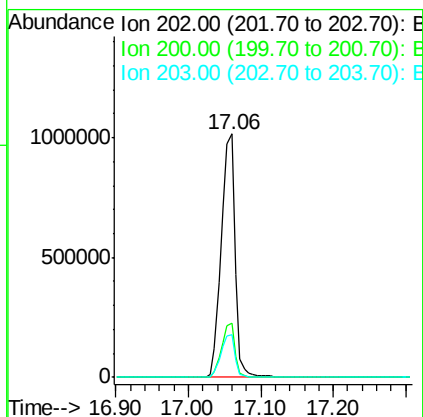
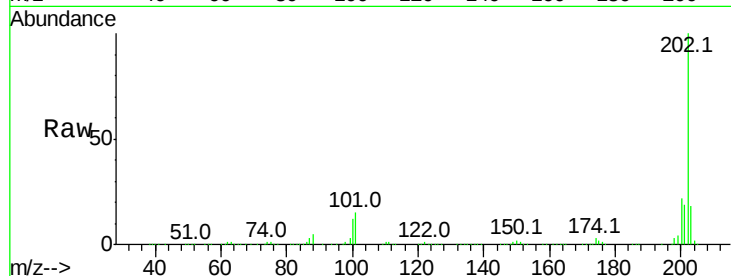




#77
Pvrene
Concen: 72.61 ng
RT: 17.06 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

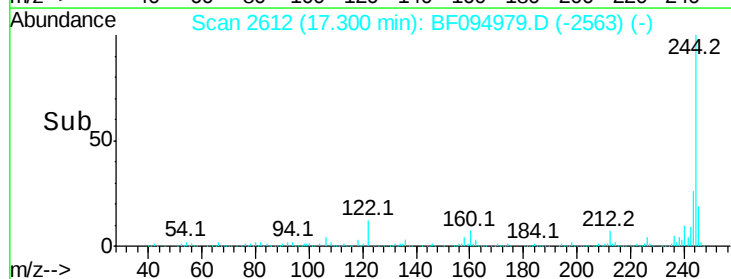
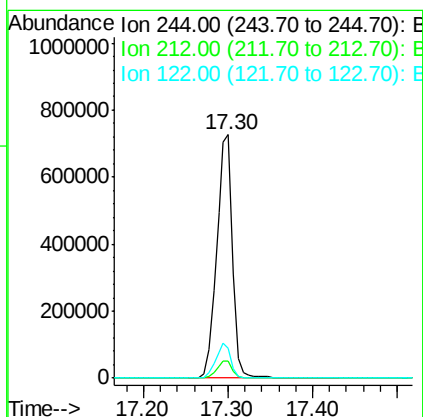
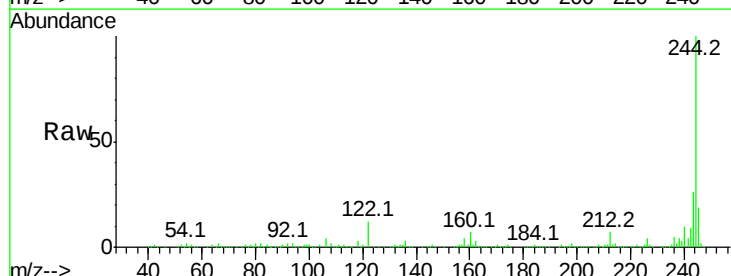
Instrument :
BNA_F
ClientSampled :

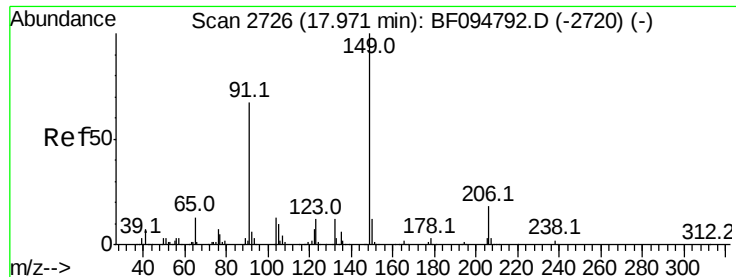
Tot Ion:202 Resp: 1360093
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 84.22 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:244 Resp: 957722
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.1 10.3 15.5





#79

Butylbenzylphthalate

Concen: 139.00 ng

RT: 17.97 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Instrument :

BNA_F

ClientSampled :

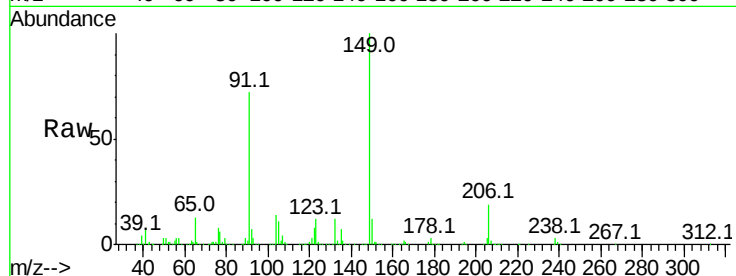
Tot Ion:149 Resp: 1211082

Ion Ratio Lower Upper

149 100

91 71.9 45.0 67.4#

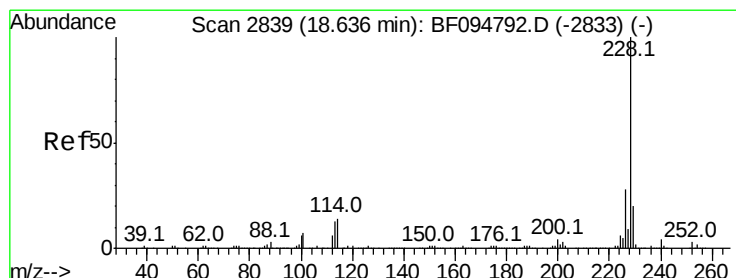
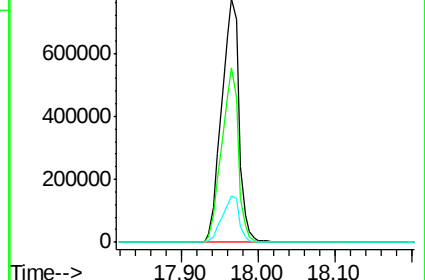
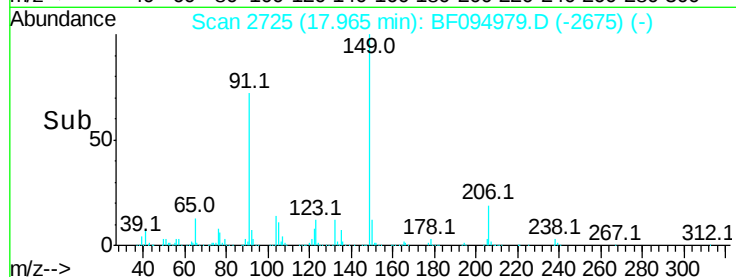
206 19.0 17.0 25.6



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: 97.12 ng

RT: 18.64 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

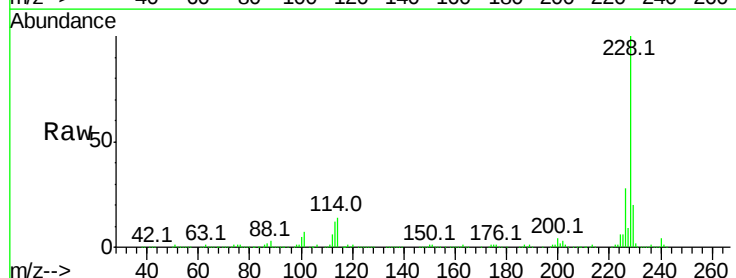
Tgt Ion:228 Resp: 1415767

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

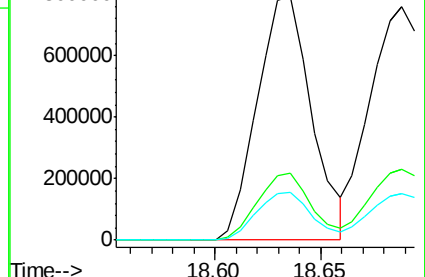
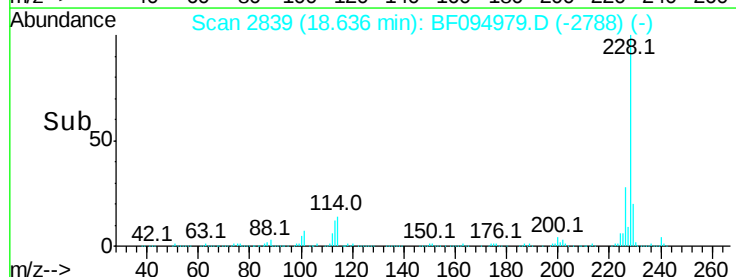
229 19.9 16.3 24.5

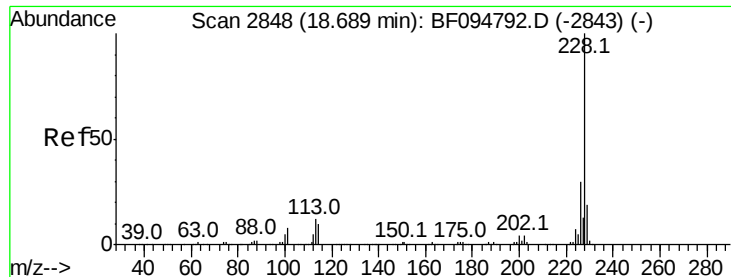


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 106.10 ng

RT: 18.69 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

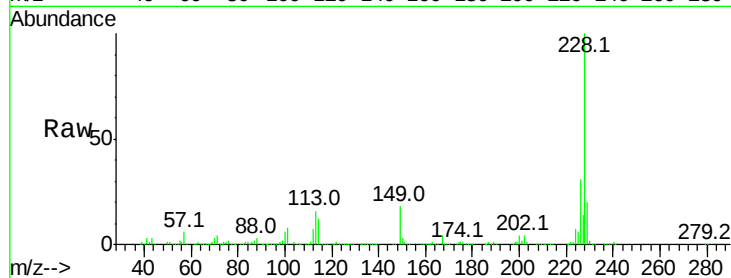
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1495415

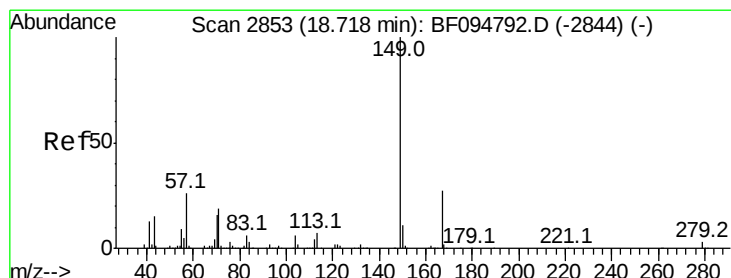
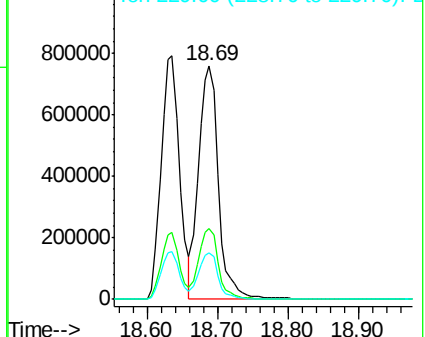
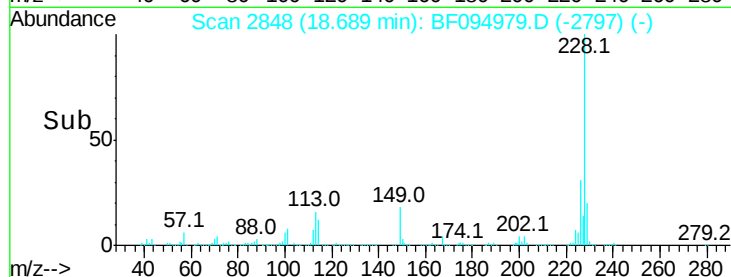
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 107.39 ng

RT: 18.71 min Scan# 2852

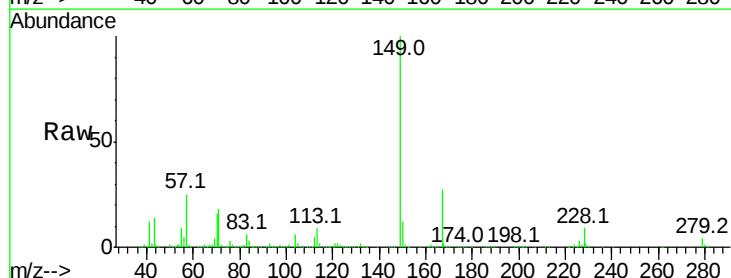
Delta R.T. -0.01 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

Tgt Ion:149 Resp: 1333157

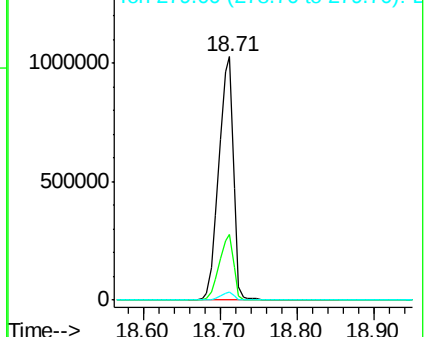
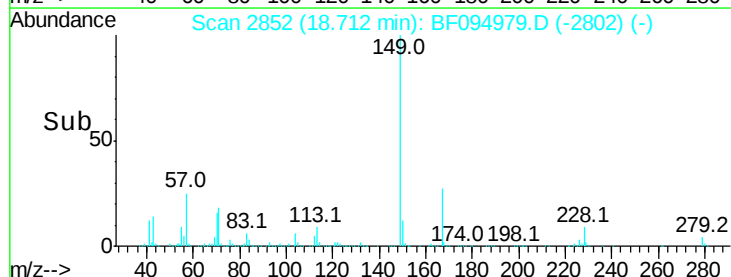
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	3.5	1.9	2.9#

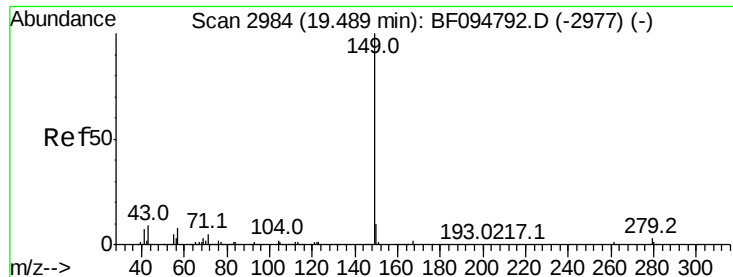


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

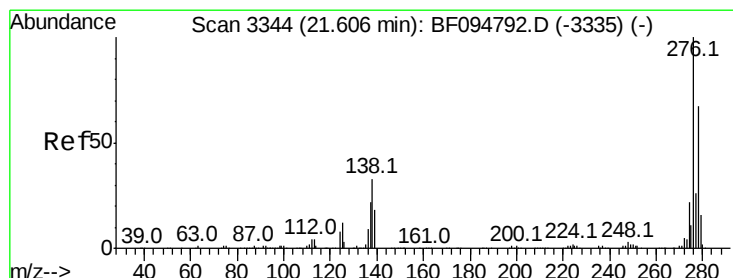
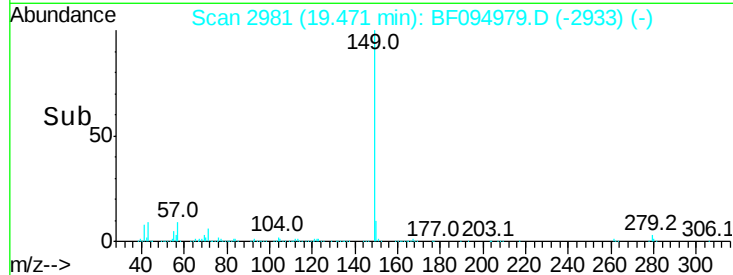
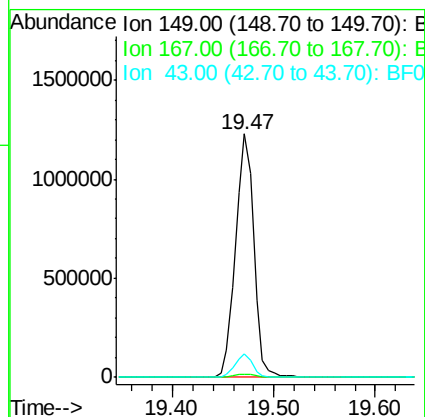
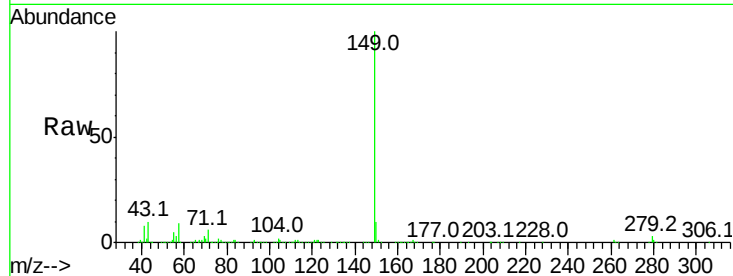




#84
Di-n-octyl phthalate
Concen: 76.23 ng
RT: 19.47 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

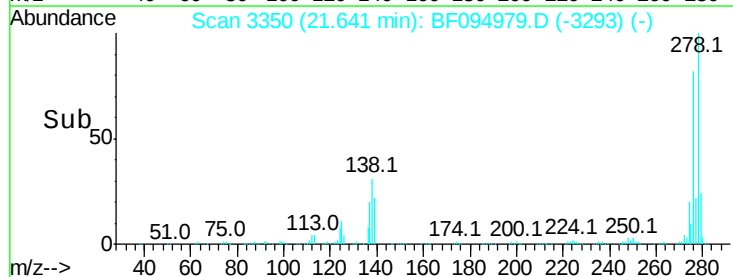
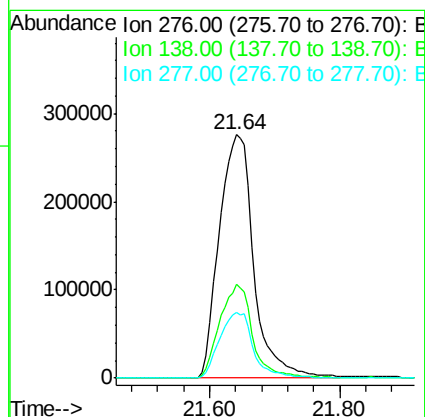
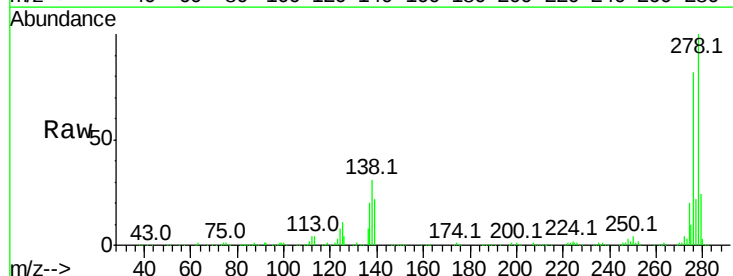
Instrument :
BNA_F
ClientSampleId :

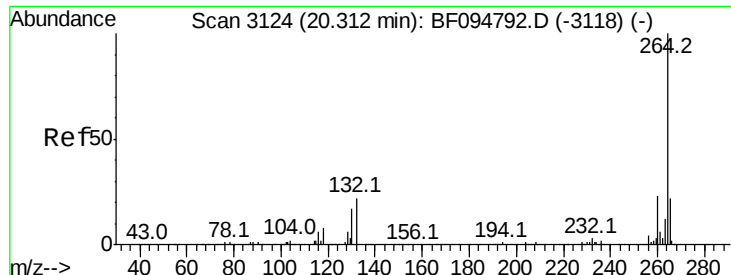
Tot Ion:149 Resp: 1551445
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.3 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 88.69 ng
RT: 21.64 min Scan# 3350
Delta R.T. 0.04 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:276 Resp: 1015152
Ion Ratio Lower Upper
276 100
138 36.7 27.8 41.6
277 26.5 20.2 30.4

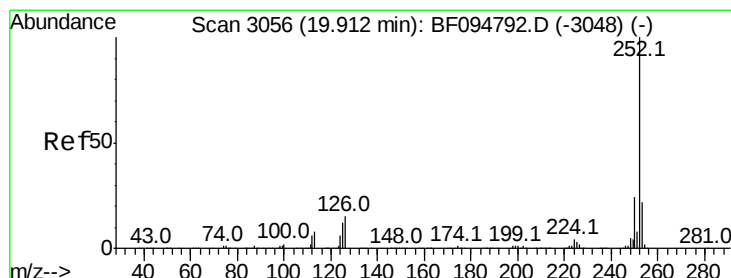
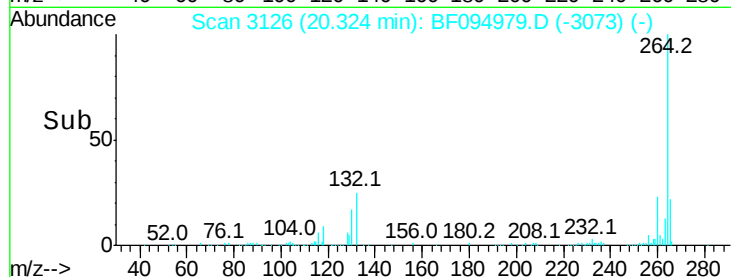
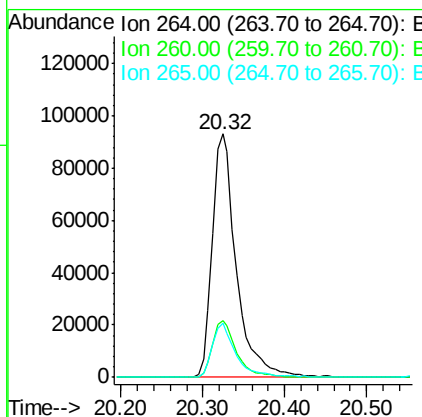
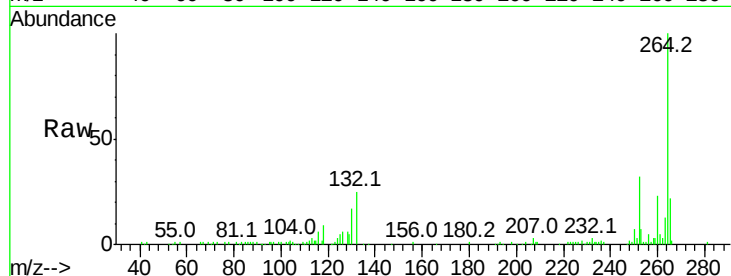




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.32 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

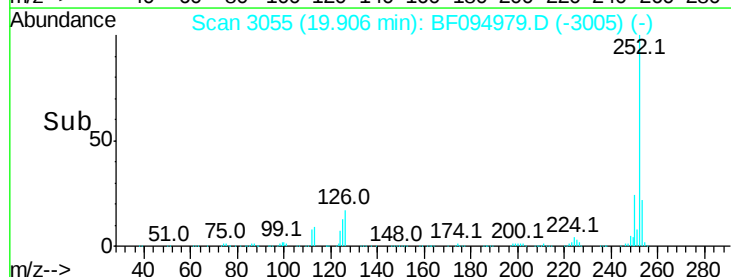
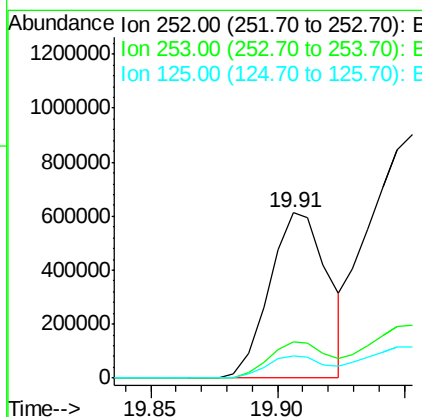
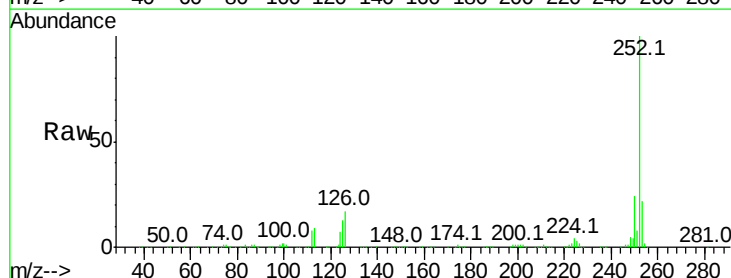
Instrument :
BNA_F
ClientSampleId :

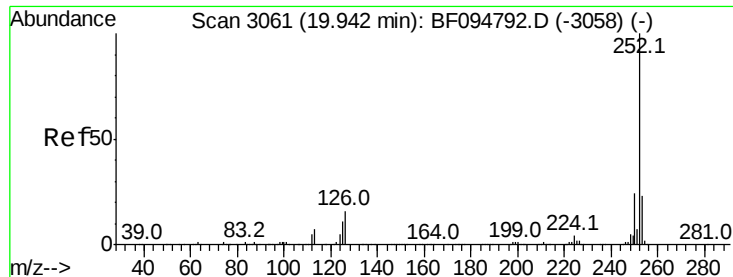
Tot Ion:264 Resp: 190068
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 22.2 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 83.42 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:252 Resp: 979788
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.4 9.8 14.8

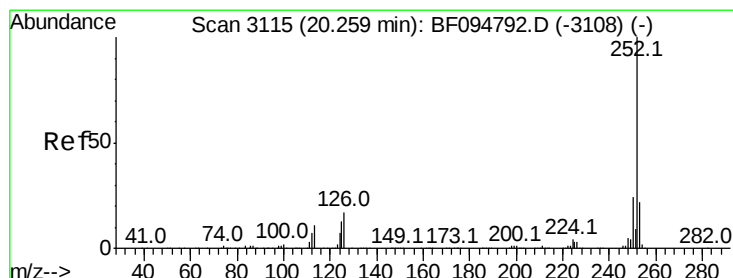
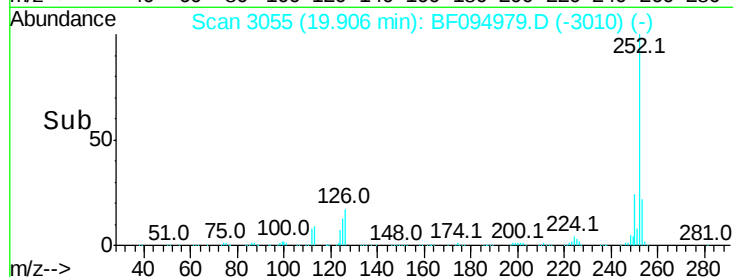
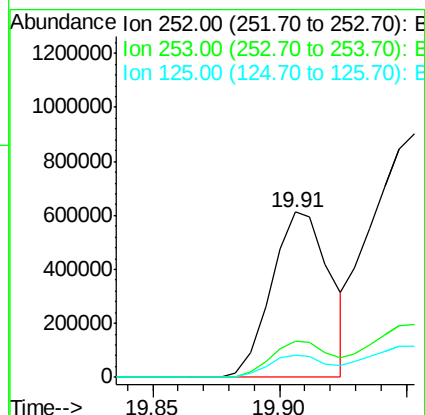
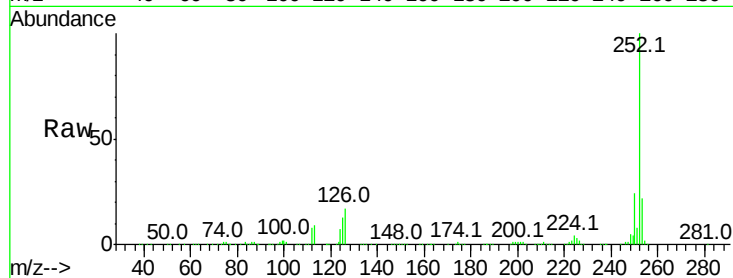




#88
Benzo(k)fluoranthene
Concen: 86.49 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.04 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

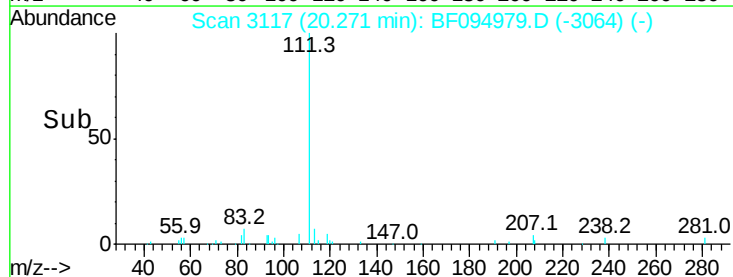
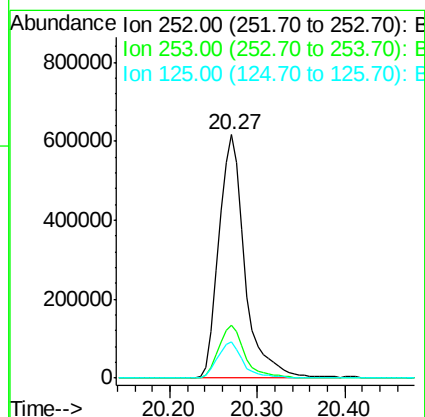
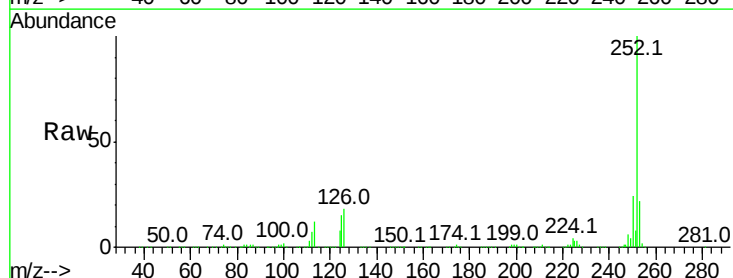
Instrument :
BNA_F
ClientSampleId :

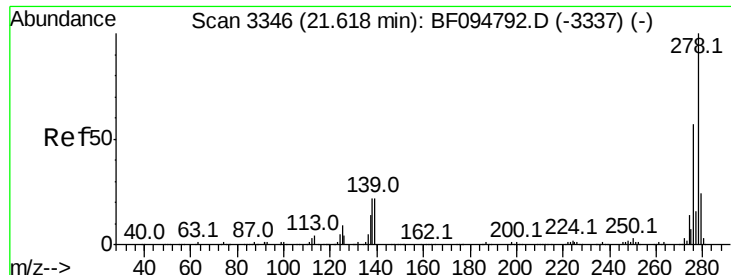
Tot Ion:252 Resp: 979788
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 13.4 13.1 19.7



#89
Benzo(a)pyrene
Concen: 116.57 ng
RT: 20.27 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BF094979.D
Acq: 8 May 2017 12:57

Tgt Ion:252 Resp: 1263352
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 14.7 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 119.59 ng

RT: 21.64 min Scan# 3350

Delta R.T. 0.02 min

Lab File: BF094979.D

Acq: 8 May 2017 12:57

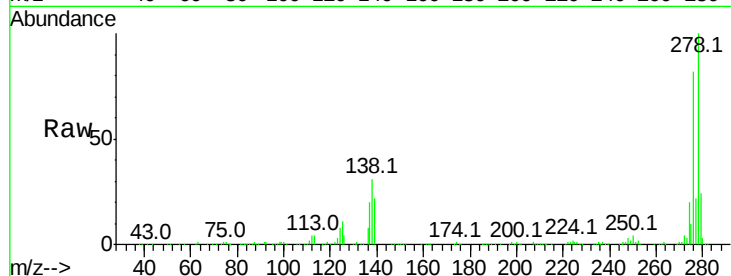
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1070400

Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.7	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

