

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095620.D
 Acq On : 2 Jun 2017 6:01
 Operator : SJ/MA
 Sample : I3420-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

Quant Time: Jun 17 00:56:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 17 00:02:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	89168	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	367618	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	169658	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	334894	20.00	ng	0.00
75) Chrysene-d12	18.50	240	291387	20.00	ng	0.00
86) Perylene-d12	20.17	264	201195	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	720277	134.67	ng	0.02
7) Phenol-d6	7.09	99	812592	126.63	ng	0.00
23) Nitrobenzene-d5	8.45	82	560726	96.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	222301	159.99	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1135328	96.32	ng	0.00
78) Terphenyl-d14	17.15	244	1024246	77.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.72	88	406	0.155	ng	# 21
4) n-Nitrosodimethylamine	2.25	42	253	0.100	ng	# 77
6) Aniline	7.11	93	175	0.022	ng	# 1
9) Benzaldehyde	7.09	77	490	0.125	ng	# 35
10) Phenol	7.11	94	108	0.016	ng	# 1
11) bis(2-Chloroethyl)ether	7.20	93	860	0.154	ng	# 1
15) Benzyl Alcohol	7.77	79	8473	2.053	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	7.76	45	111	0.014	ng	# 1
18) Hexachloroethane	8.41	117	312	0.132	ng	# 1
19) n-Nitroso-di-n-propylamine	8.45	70	67368	15.522	ng	# 75
22) Acetophenone	8.22	105	276	0.031	ng	# 46
24) Nitrobenzene	8.45	77	1226	0.201	ng	# 39
25) Isophorone	8.89	82	268	0.026	ng	# 67
31) Naphthalene	9.61	128	40263	2.179	ng	# 97
33) 4-Chloroaniline	9.62	127	4744	0.689	ng	# 41
37) 2-Methylnaphthalene	10.77	142	10505	0.866	ng	# 97
45) 1,1'-Biphenyl	11.53	154	1400	0.098	ng	# 42
48) Acenaphthylene	12.20	152	134	0.007	ng	# 60
50) 2,6-Dinitrotoluene	12.39	165	19961	7.025	ng	# 33
51) Acenaphthene	12.46	154	1905	0.177	ng	# 91
54) Dibenzofuran	12.83	168	1280	0.086	ng	# 45
57) Fluorene	13.33	166	1437	0.111	ng	# 61
59) Diethylphthalate	13.19	149	4345	0.325	ng	# 84
62) Azobenzene	13.69	77	677	0.063	ng	# 1
64) 4,6-Dinitro-2-methylphenol	13.69	198	261	0.116	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	7731	0.636	ng	# 35
70) Phenanthrene	14.85	178	2719	0.141	ng	# 59
71) Anthracene	14.85	178	2719	0.138	ng	# 59
72) Carbazole	15.34	167	543	0.030	ng	# 58
73) Di-n-butylphthalate	15.79	149	3555	0.159	ng	# 78
74) Fluoranthene	16.66	202	897	0.045	ng	# 62
76) Benzydine	16.86	184	4279	7.057	ng	# 98
77) Pyrene	16.96	202	583	0.027	ng	# 56
79) Butylbenzylphthalate	17.82	149	106	0.010	ng	# 32

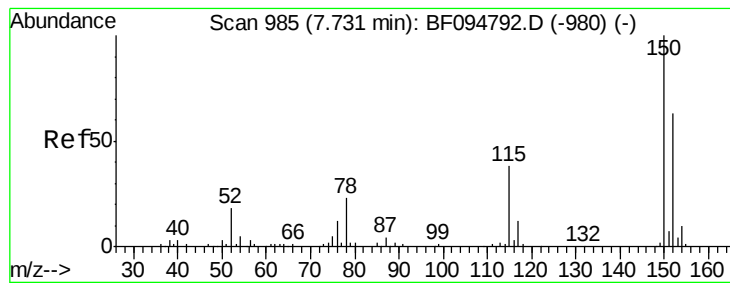
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	18.50	228	659	0.039	ng	# 50
82) Chrysene	18.54	228	267	0.016	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.56	149	1428	0.099	ng	# 93
87) Benzo(b)fluoranthene	19.83	252	113	0.009	ng	# 59
88) Benzo(k)fluoranthene	19.83	252	113	0.009	ng	# 56
89) Benzo(a)pyrene	20.17	252	362	0.032	ng	# 59

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

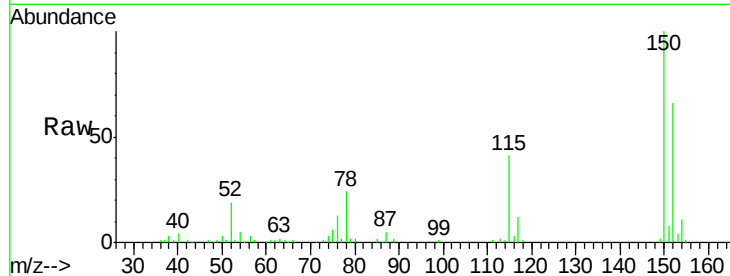


#1

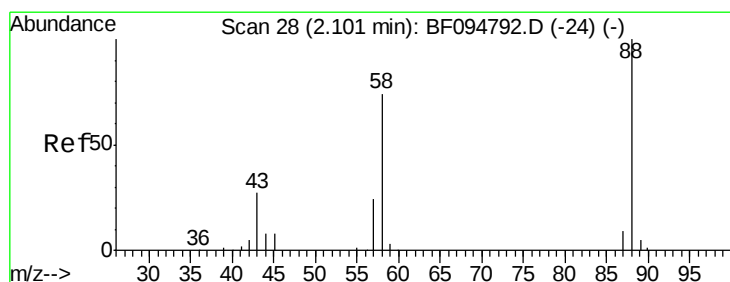
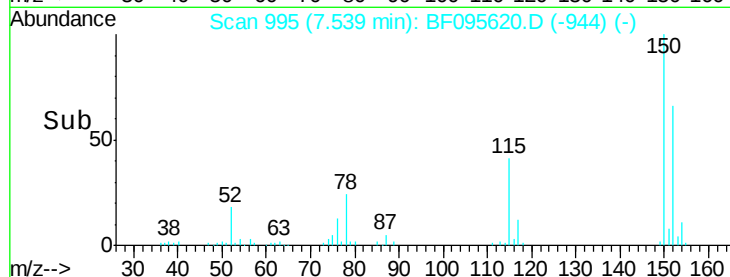
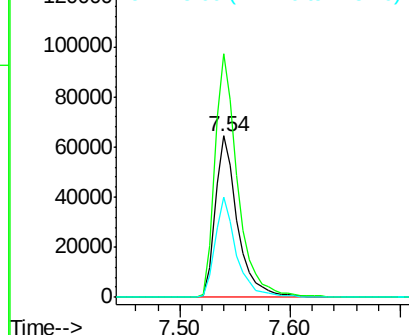
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

Tgt Ion:152 Resp: 89168
Ion Ratio Lower Upper
152 100
150 150.9 126.2 189.2
115 62.4 52.2 78.2



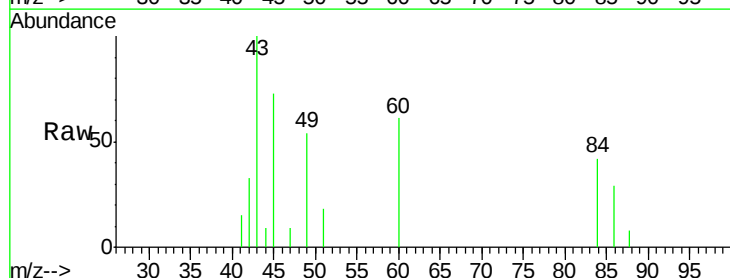
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



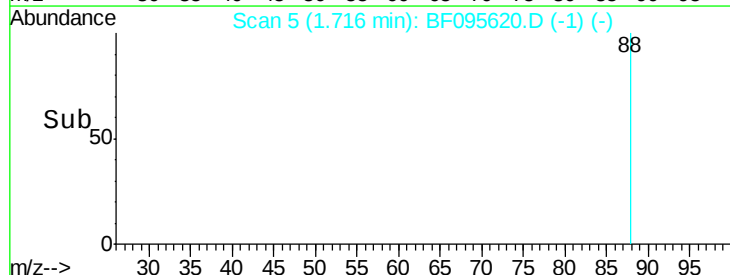
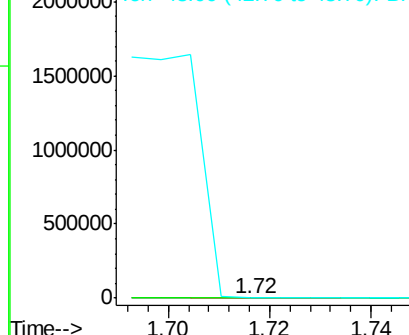
#2

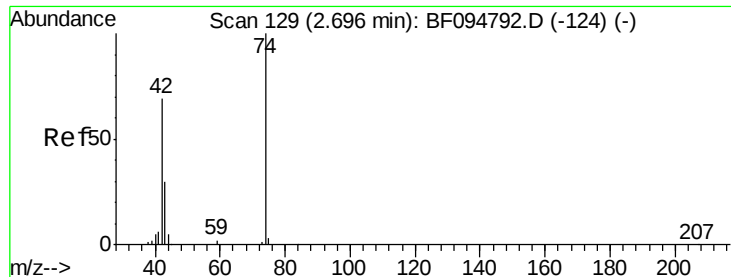
1,4-Dioxane
Concen: 0.155 ng
RT: 1.72 min Scan# 5
Delta R.T. -0.14 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 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





#4

n-Nitrosodimethylamine

Concen: 0.100 ng

RT: 2.25 min Scan# 95

Delta R.T. -0.17 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Instrument :

BNA_F

ClientSampled :

TP-1-TP-2

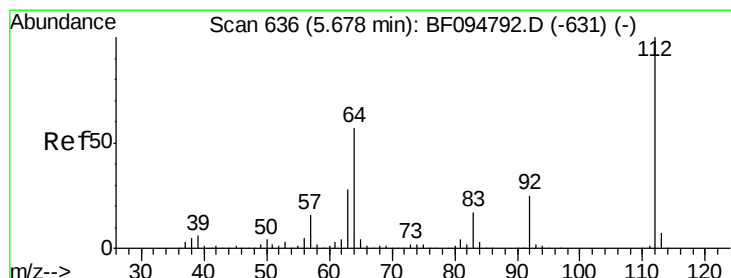
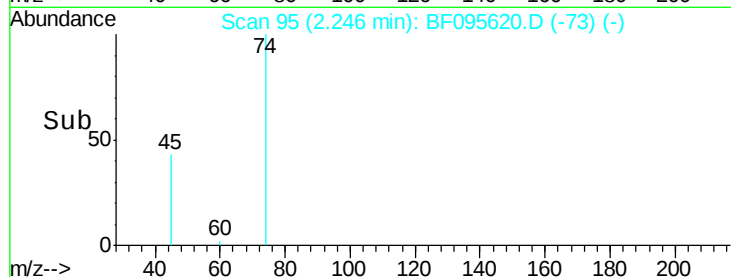
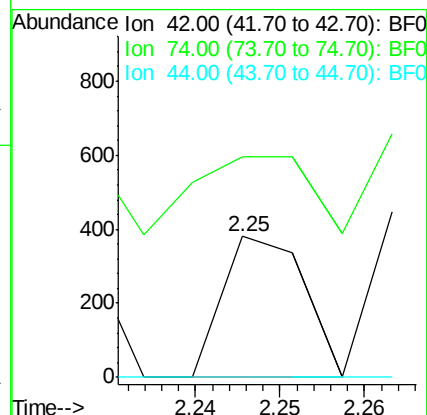
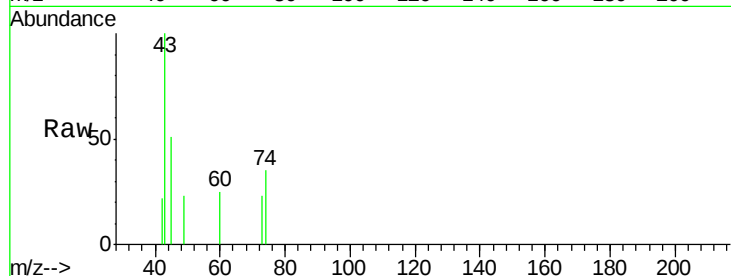
Tgt Ion: 42 Resp: 253

Ion Ratio Lower Upper

42 100

74 156.8 103.9 155.9#

44 0.0 5.7 8.5#



#5

2-Fluorophenol

Concen: 134.673 ng

RT: 5.46 min Scan# 642

Delta R.T. 0.02 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

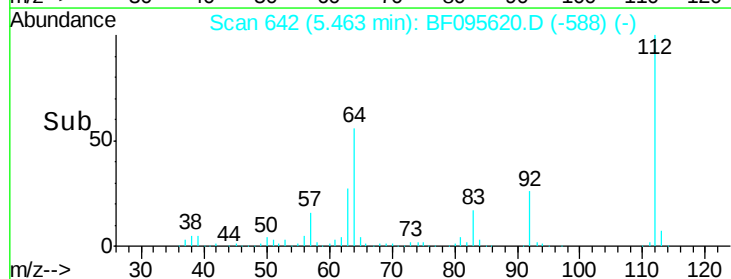
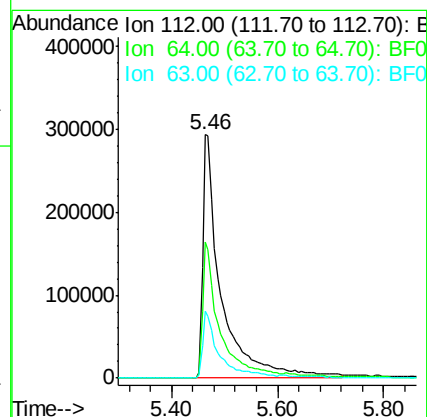
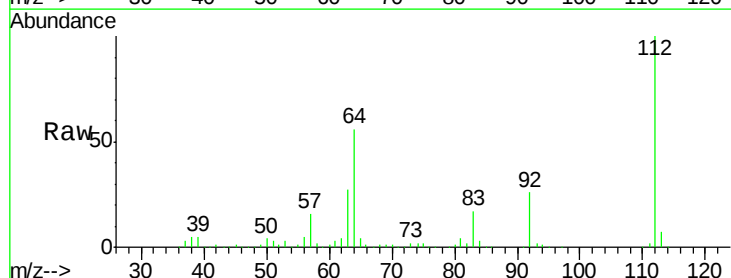
Tgt Ion: 112 Resp: 720277

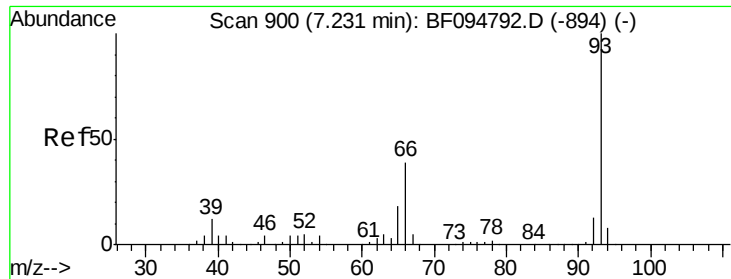
Ion Ratio Lower Upper

112 100

64 55.8 46.0 69.0

63 27.4 23.4 35.0





#6

Aniline

Concen: 0.022 ng

RT: 7.11 min Scan# 922

Delta R.T. 0.07 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Instrument :

BNA_F

ClientSampleId :

TP-1-TP-2

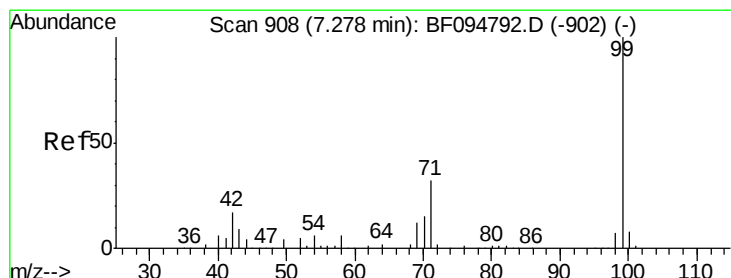
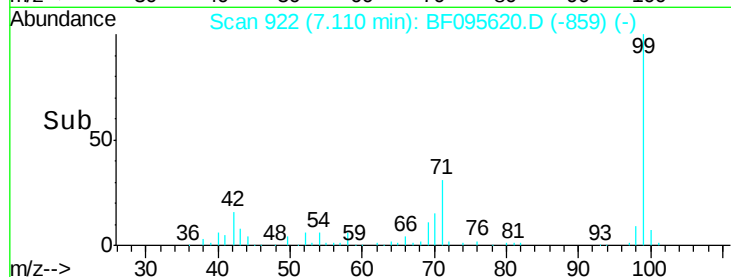
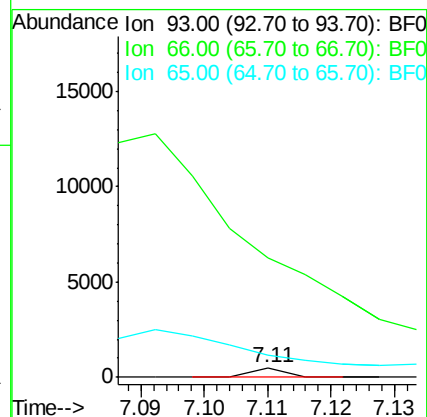
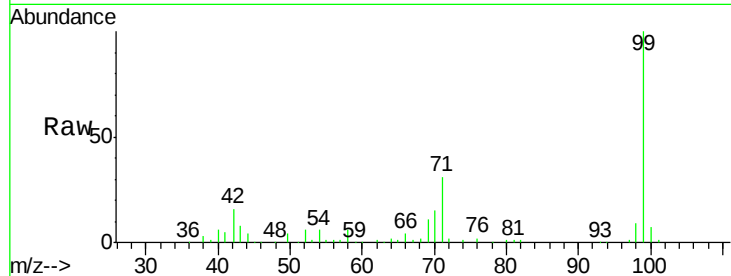
Tgt Ion: 93 Resp: 175

Ion Ratio Lower Upper

93 100

66 1267.5 32.9 49.3#

65 239.0 16.0 24.0#



#7

Phenol-d6

Concen: 126.628 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

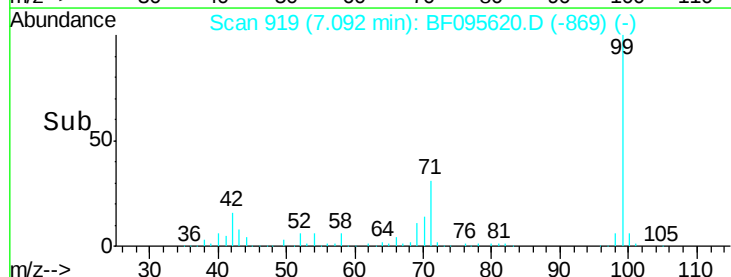
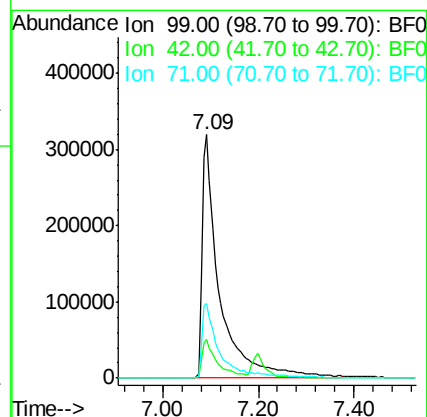
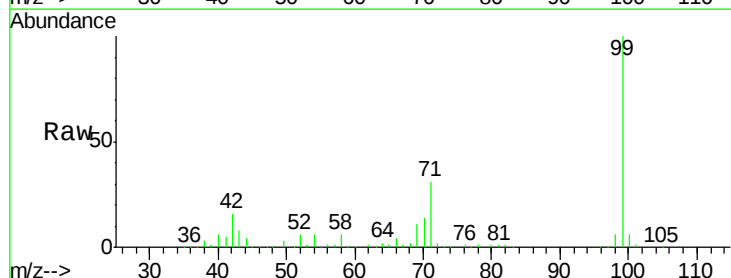
Tgt Ion: 99 Resp: 812592

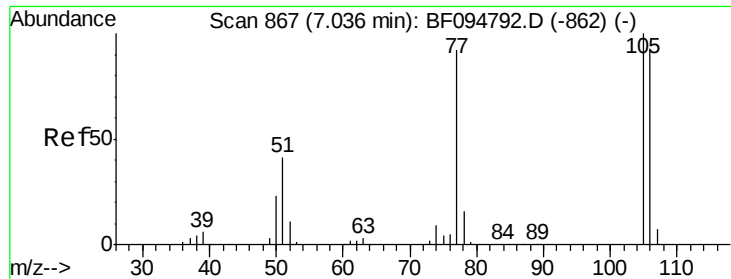
Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

71 30.7 24.5 36.7





#9

Benzaldehyde

Concen: 0.125 ng

RT: 7.09 min Scan# 918

Delta R.T. 0.24 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Instrument :

BNA_F

ClientSampleId :

TP-1-TP-2

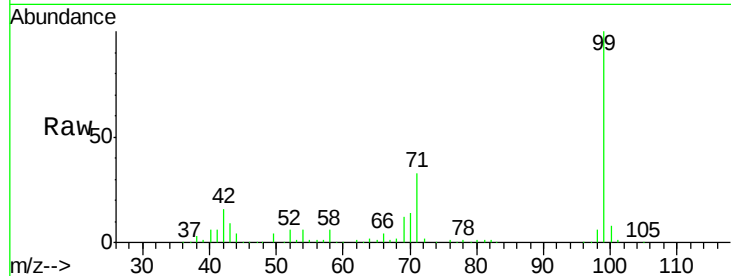
Tgt Ion: 77 Resp: 490

Ion Ratio Lower Upper

77 100

105 71.2 83.8 123.8#

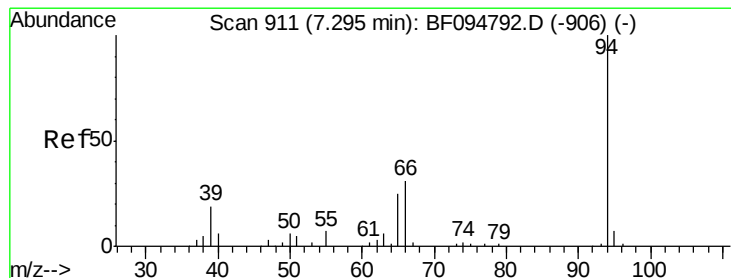
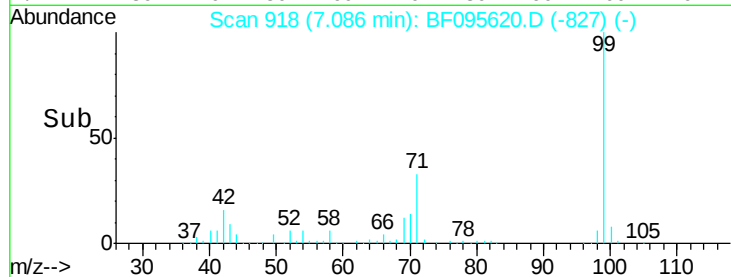
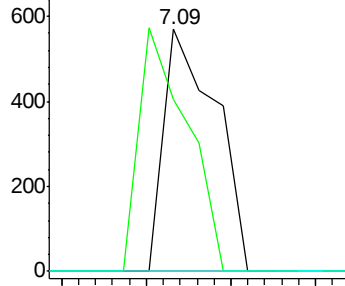
106 0.0 79.1 119.1#



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: 0.016 ng

RT: 7.11 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

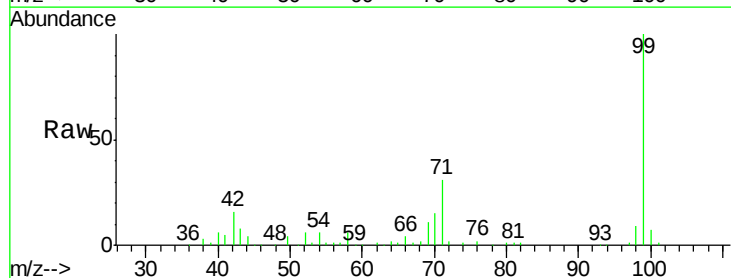
Tgt Ion: 94 Resp: 108

Ion Ratio Lower Upper

94 100

65 385.3 9.9 49.9#

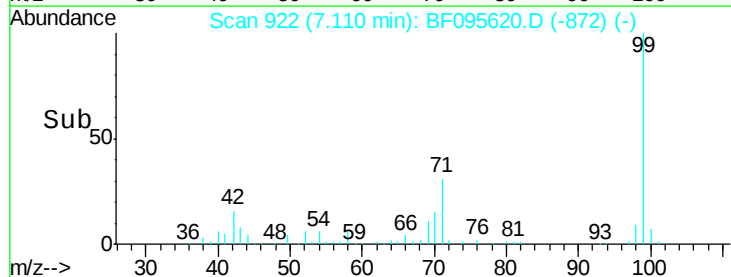
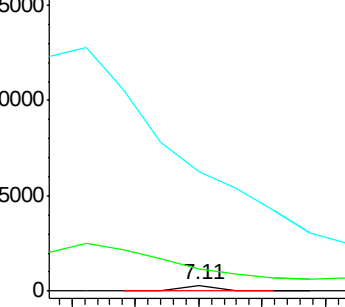
66 2043.6 23.1 63.1#

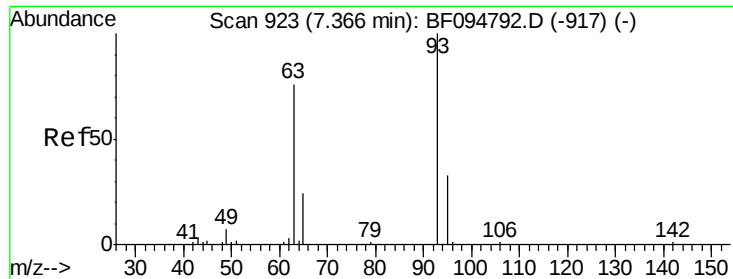


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

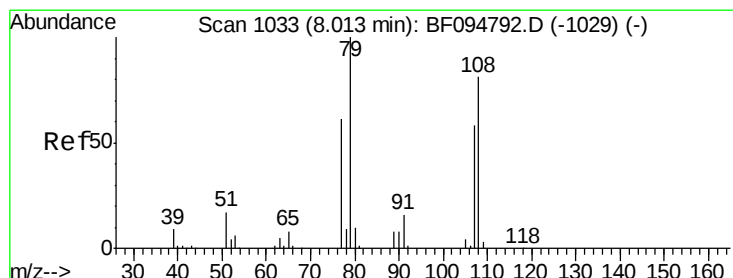
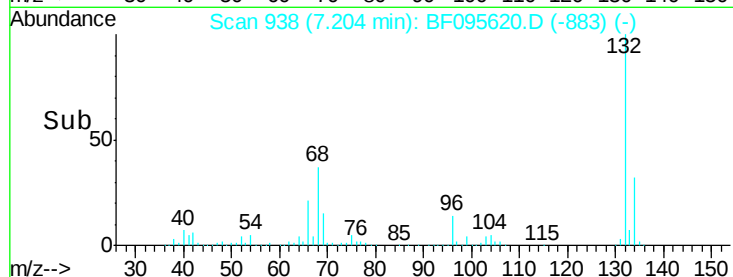
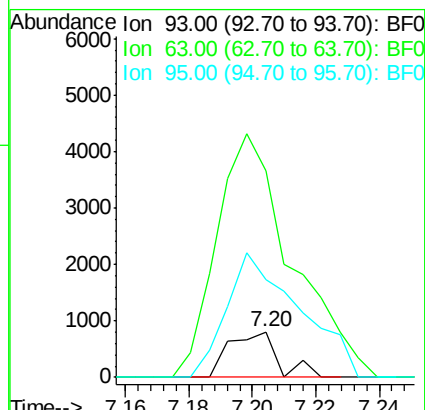
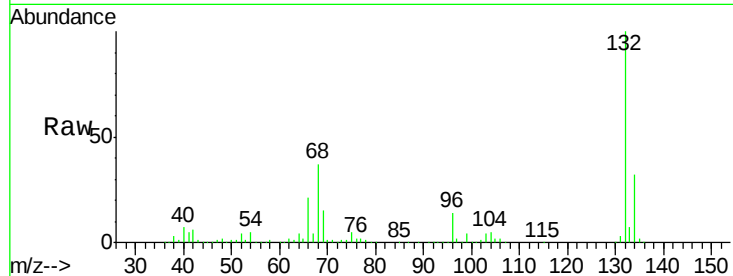




#11
bis(2-Chloroethyl)ether
Concen: 0.154 ng
RT: 7.20 min Scan# 938
Delta R.T. 0.02 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

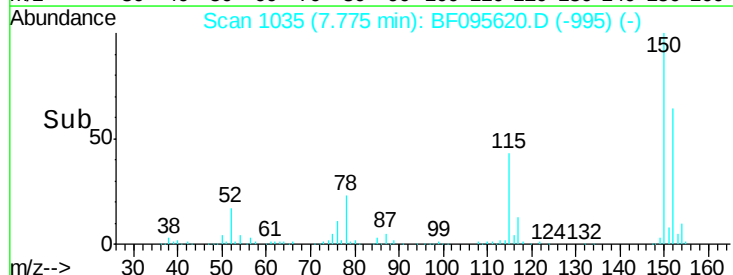
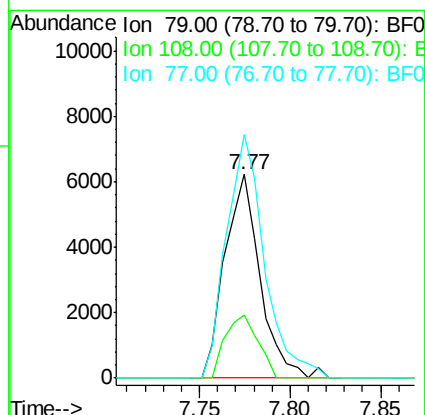
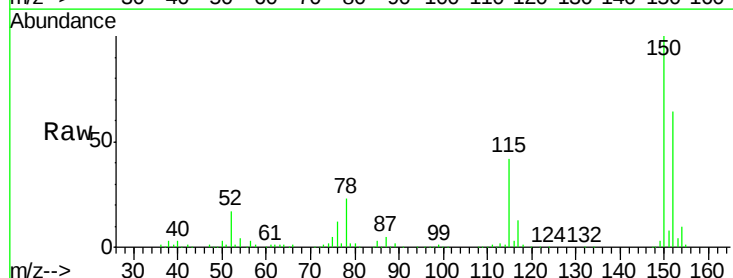
Instrument :
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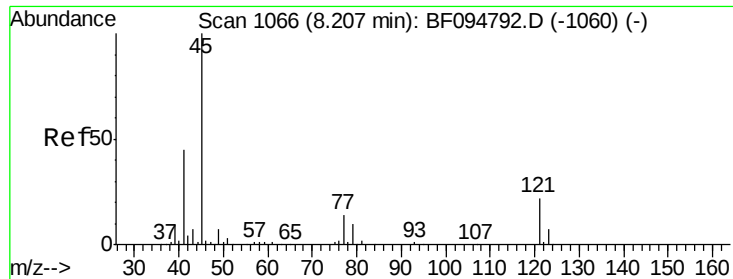
Tgt Ion: 93 Resp: 860
Ion Ratio Lower Upper
93 100
63 451.2 59.2 99.2#
95 213.1 12.8 52.8#



#15
Benzyl Alcohol
Concen: 2.053 ng
RT: 7.77 min Scan# 1035
Delta R.T. -0.06 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion: 79 Resp: 8473
Ion Ratio Lower Upper
79 100
108 30.7 63.4 95.0#
77 119.6 49.2 73.8#

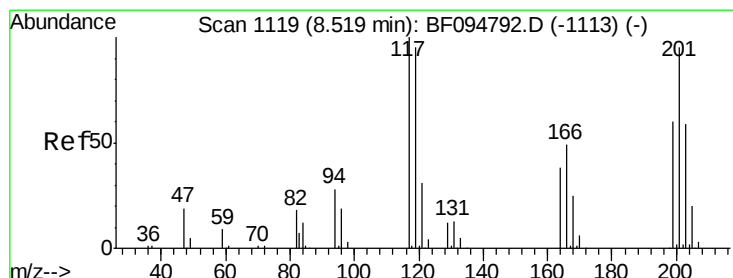
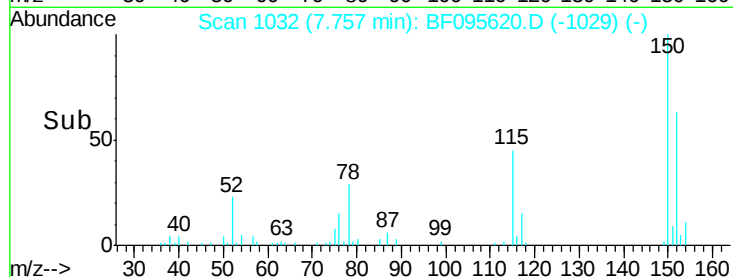
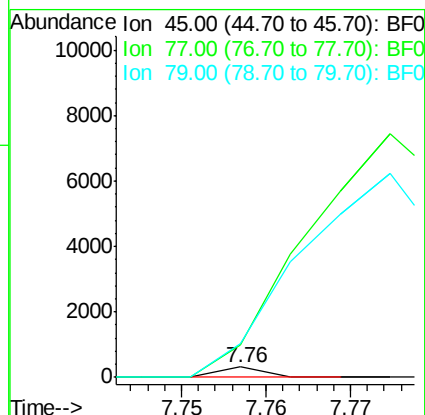
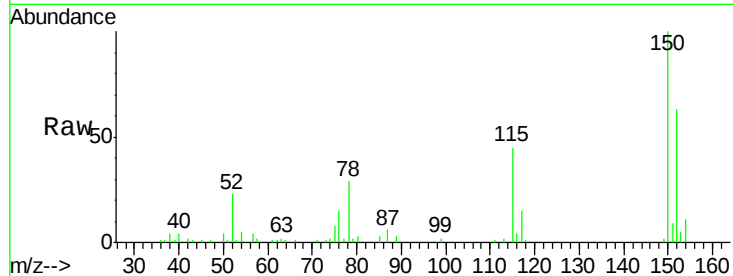




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.014 ng
RT: 7.76 min Scan# 1032
Delta R.T. -0.28 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

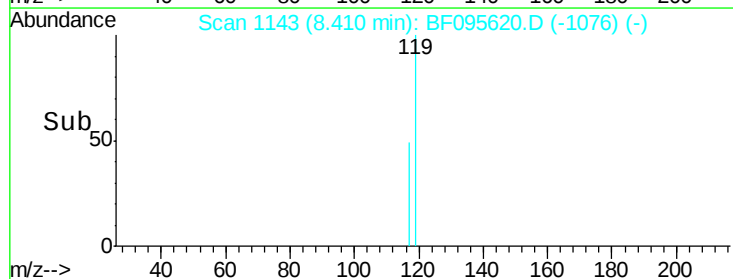
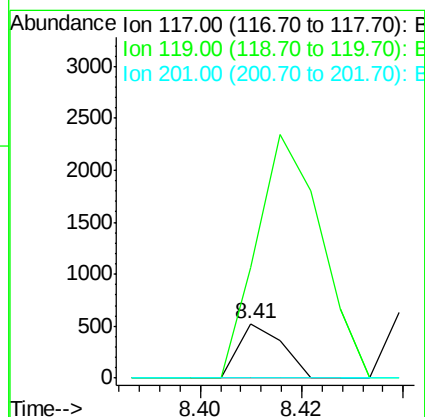
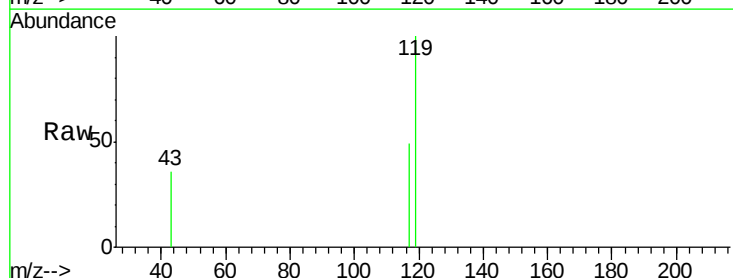
Instrument :
BNA_F
ClientSampled :
TP-1-TP-2

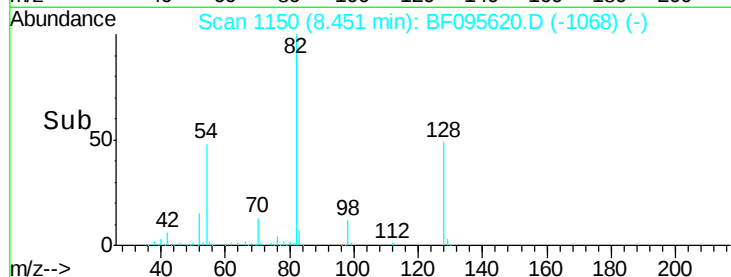
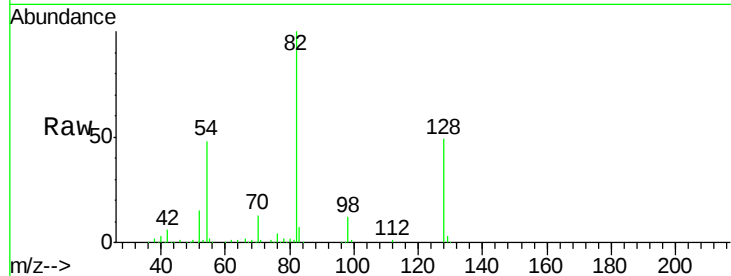
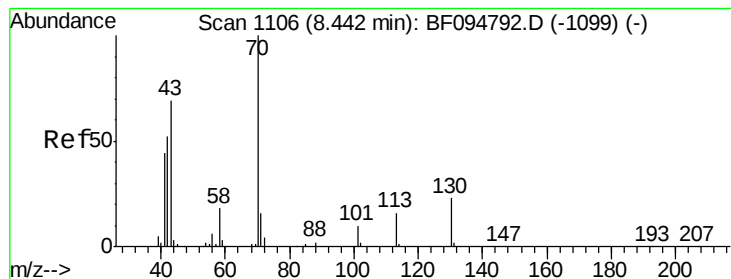
Tgt Ion: 45 Resp: 111
Ion Ratio Lower Upper
45 100
77 321.3 0.0 33.2#
79 334.1 0.0 30.0#



#18
Hexachloroethane
Concen: 0.132 ng
RT: 8.41 min Scan# 1143
Delta R.T. 0.09 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion: 117 Resp: 312
Ion Ratio Lower Upper
117 100
119 202.5 77.4 116.0#
201 0.0 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 15.522 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Instrument :

BNA_F

ClientSampleId :

TP-1-TP-2

Tgt Ion: 70 Resp: 67368

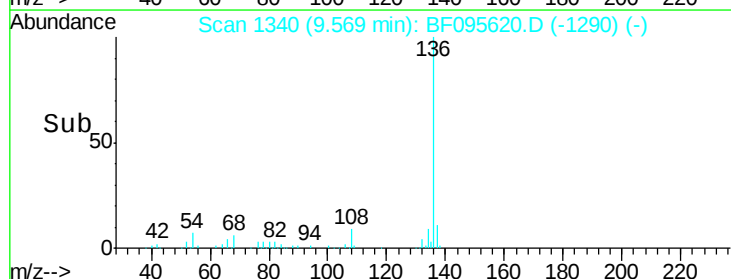
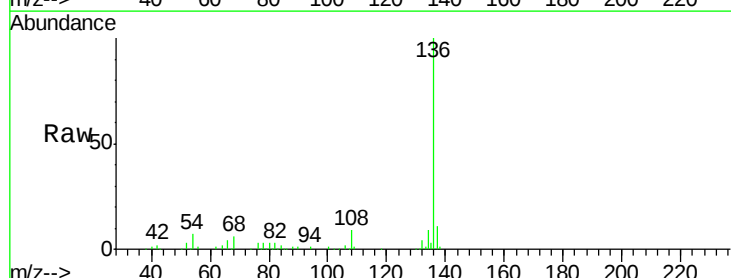
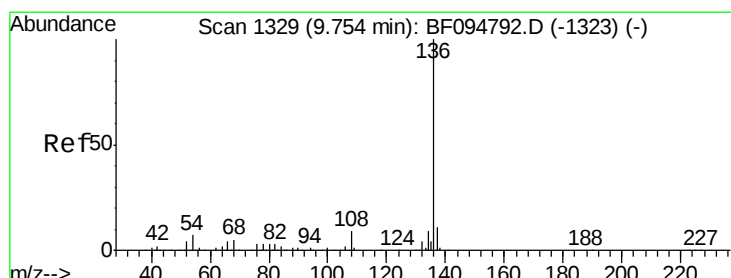
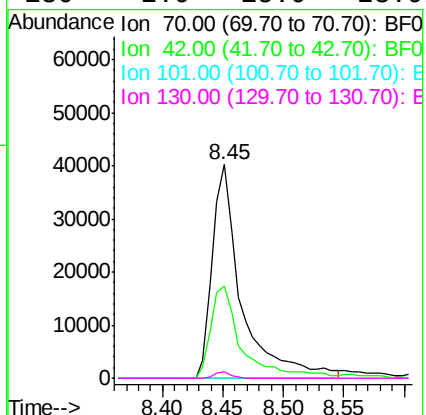
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Tgt Ion: 136 Resp: 367618

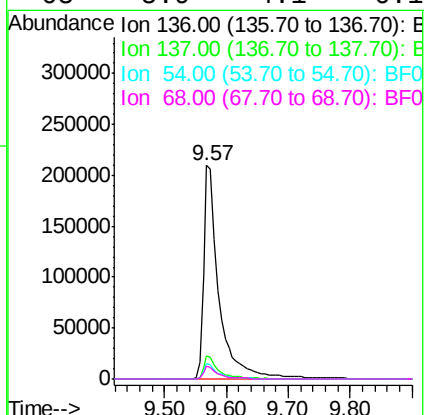
Ion Ratio Lower Upper

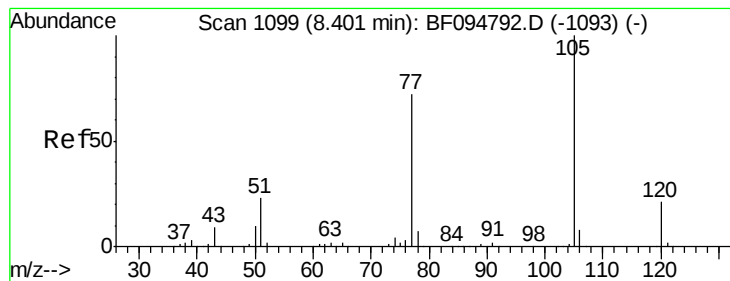
136 100

137 10.6 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1





#22

Acetophenone

Concen: 0.031 ng

RT: 8.22 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Instrument :

BNA_F

ClientSampleId :

TP-1-TP-2

Tgt Ion: 105 Resp: 276

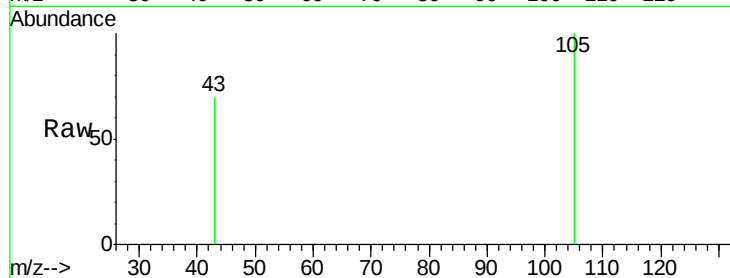
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 0.0 30.7 46.1#

120 0.0 17.4 26.0#

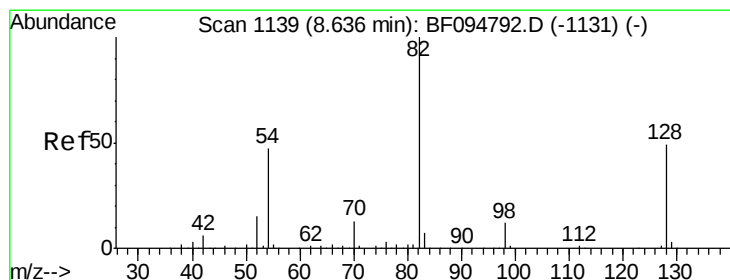
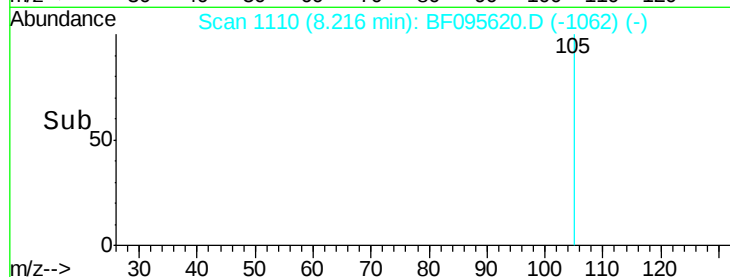
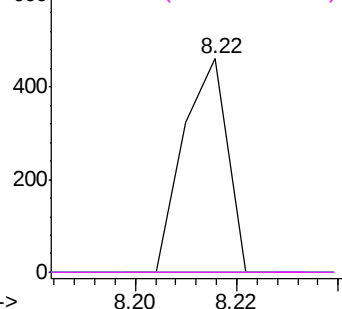


Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.183 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

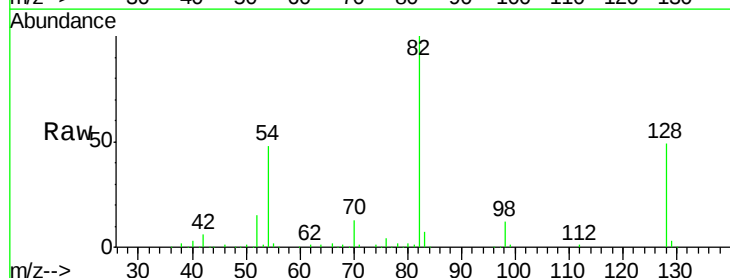
Tgt Ion: 82 Resp: 560726

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

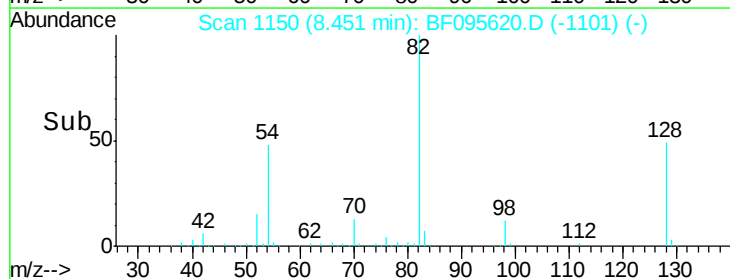
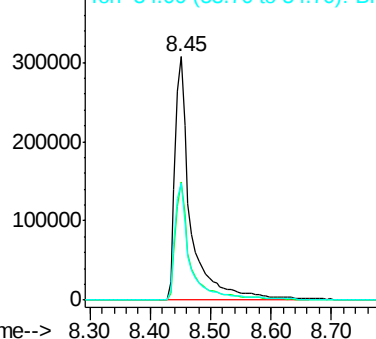
54 47.8 42.2 63.2

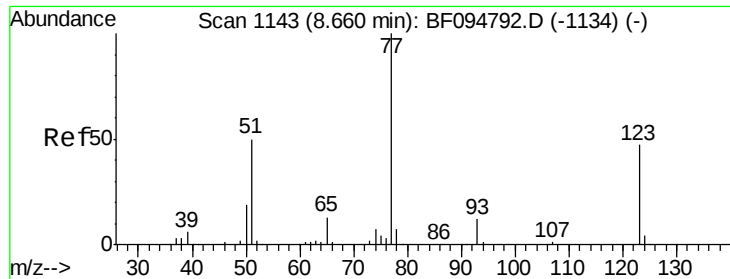


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

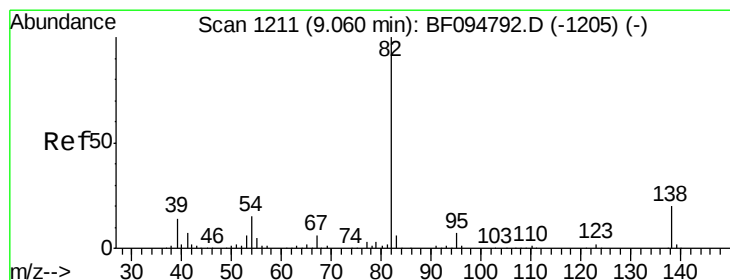
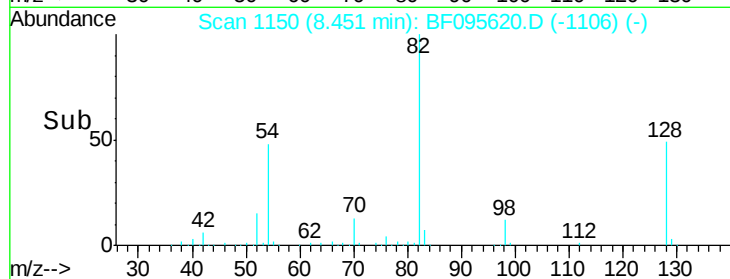
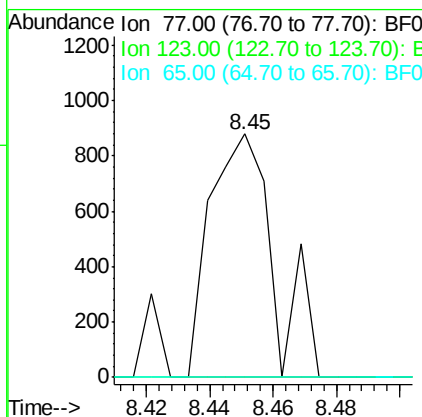
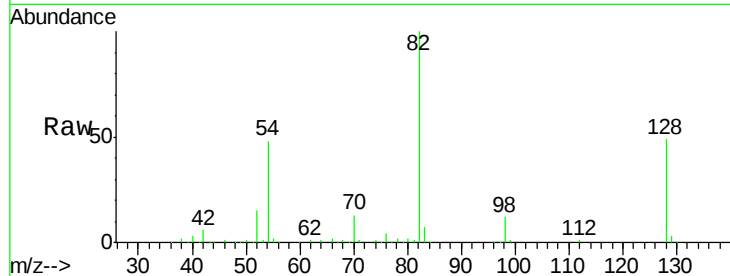




#24
 Nitrobenzene
 Concen: 0.201 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

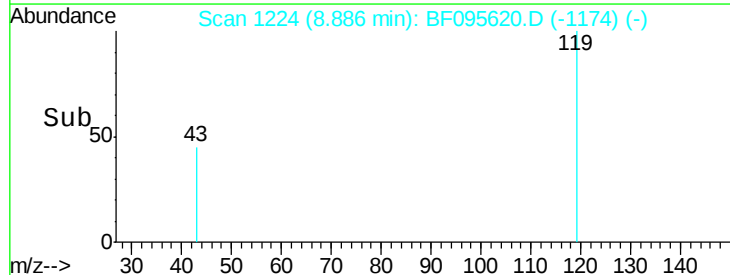
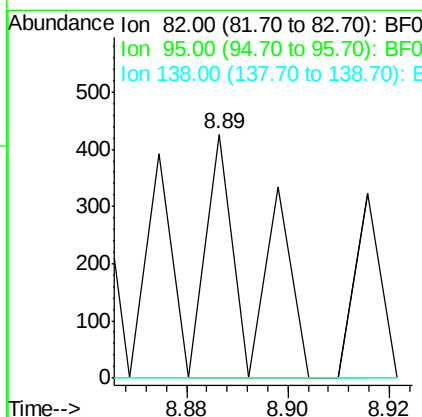
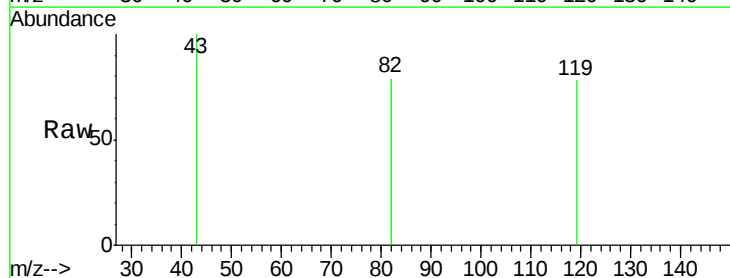
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

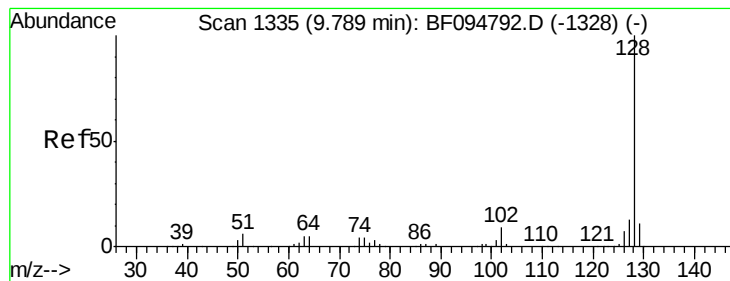
Tgt Ion: 77 Resp: 1226
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.8 53.8#
 65 0.0 10.6 15.8#



#25
 Isophorone
 Concen: 0.026 ng
 RT: 8.89 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion: 82 Resp: 268
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#





#31

Naphthalene

Concen: 2.179 ng

RT: 9.61 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Instrument :

BNA_F

ClientSampleId :

TP-1-TP-2

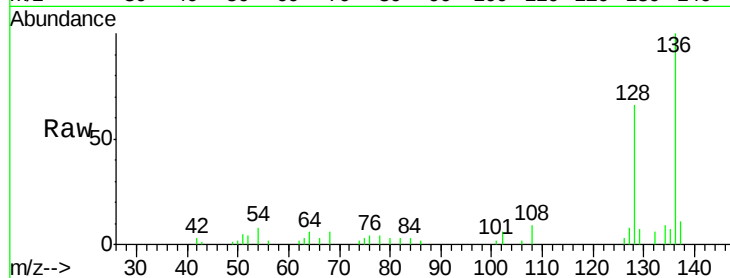
Tgt Ion:128 Resp: 40263

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.6

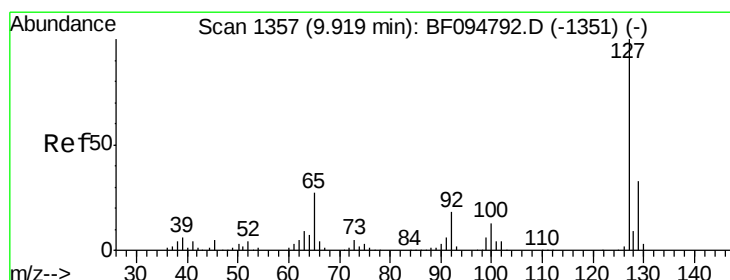
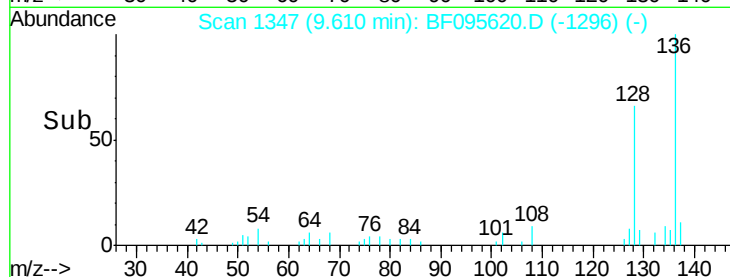
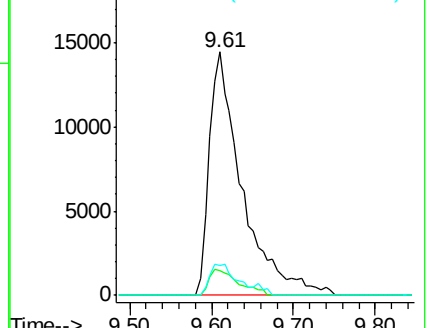
127 12.3 10.8 16.2



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



#33

4-Chloroaniline

Concen: 0.689 ng

RT: 9.62 min Scan# 1348

Delta R.T. -0.14 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Tgt Ion:127 Resp: 4744

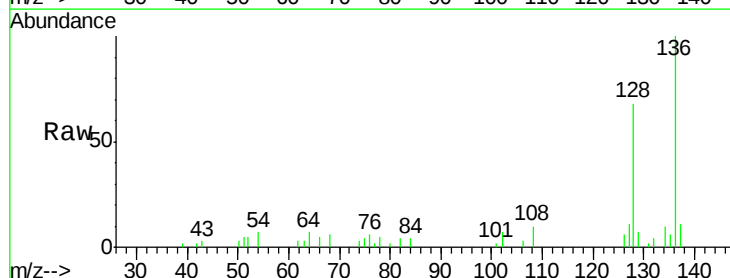
Ion Ratio Lower Upper

127 100

129 70.6 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

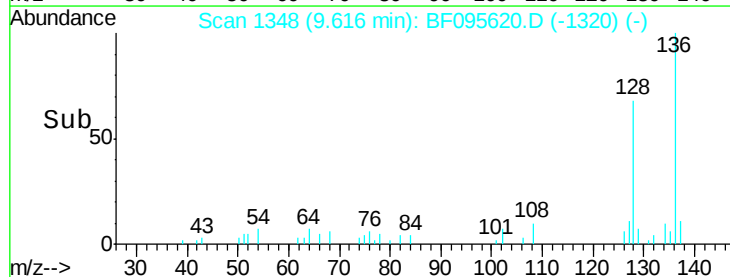
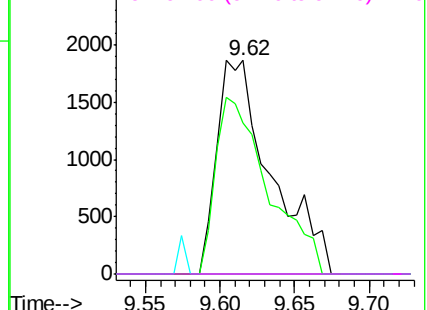


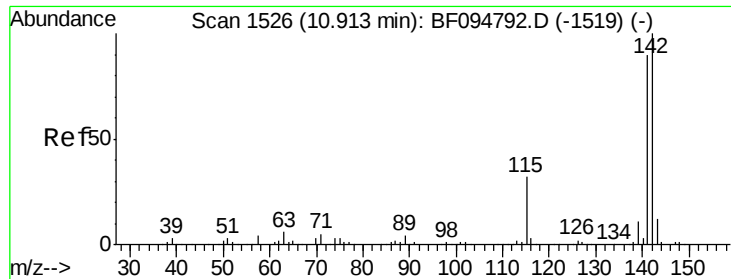
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

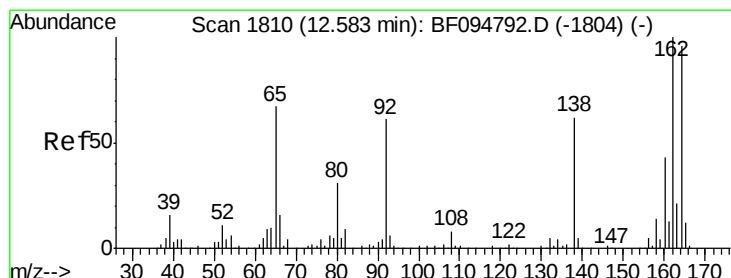
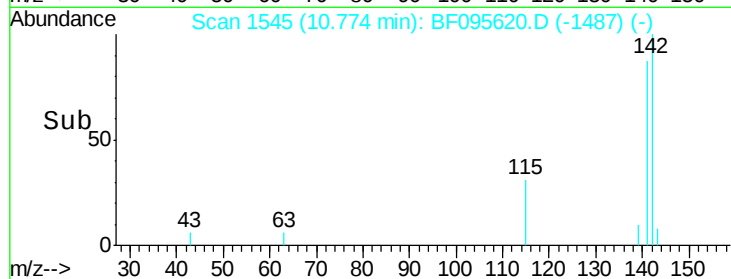
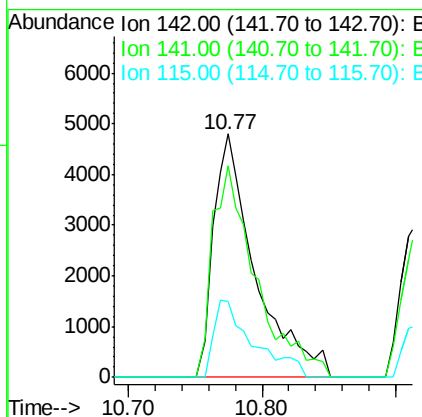
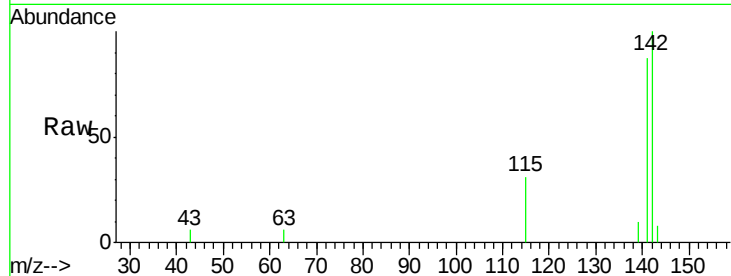




#37
 2-Methylnaphthalene
 Concen: 0.866 ng
 RT: 10.77 min Scan# 1545
 Delta R.T. 0.04 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

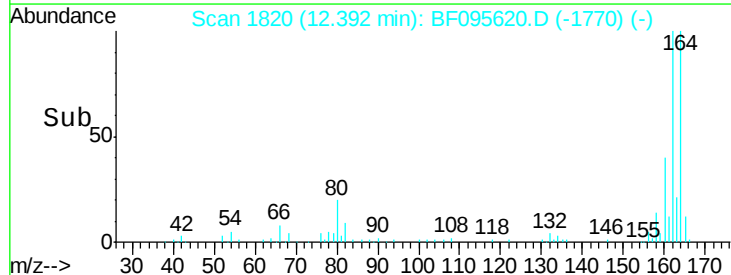
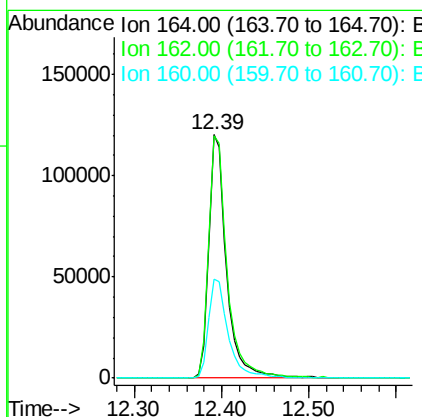
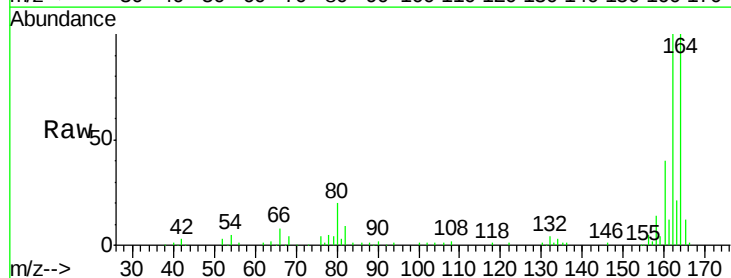
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

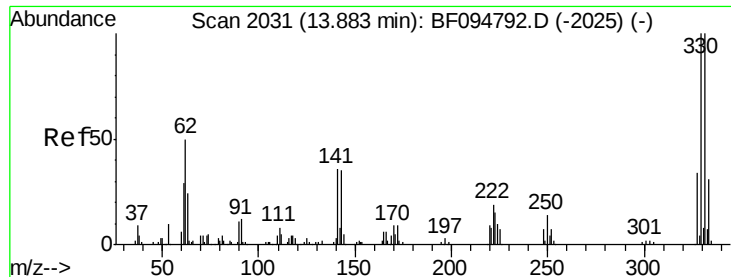
Tgt Ion:142 Resp: 10505
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.3 106.9
 115 31.1 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion:164 Resp: 169658
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.6 123.8
 160 40.5 36.2 54.2

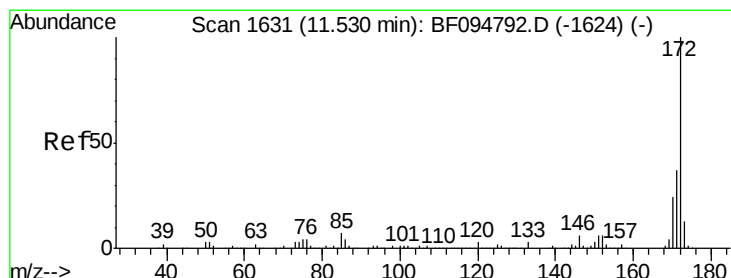
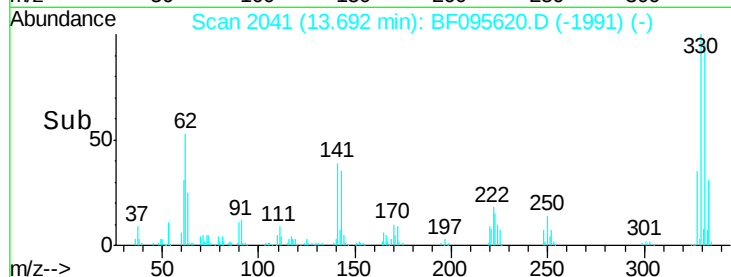
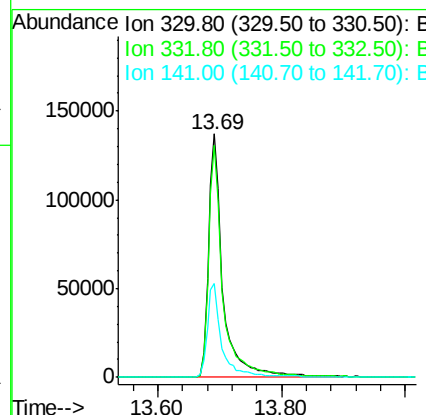
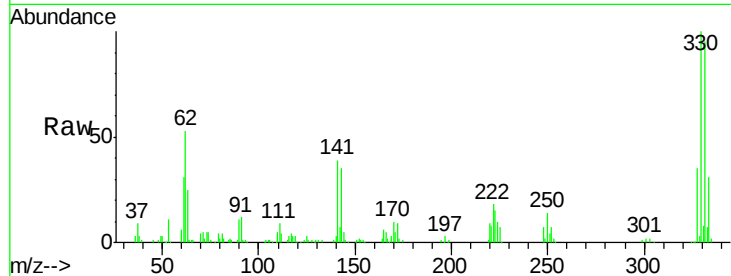




#41
 2,4,6-Tribromophenol
 Concen: 159.993 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

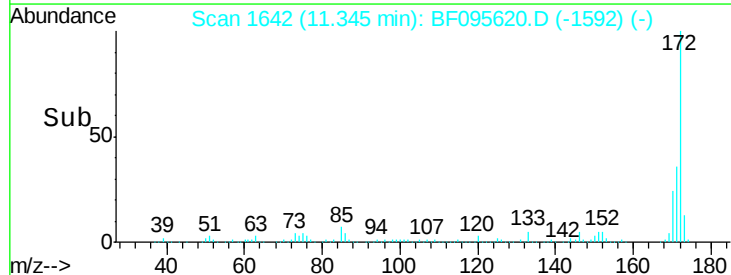
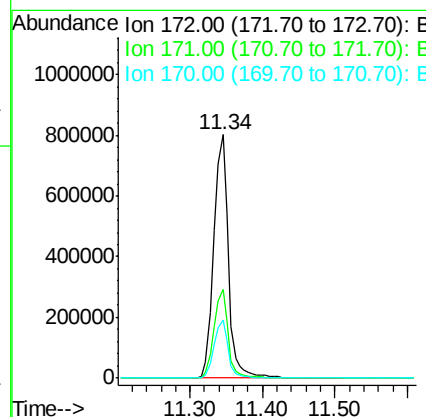
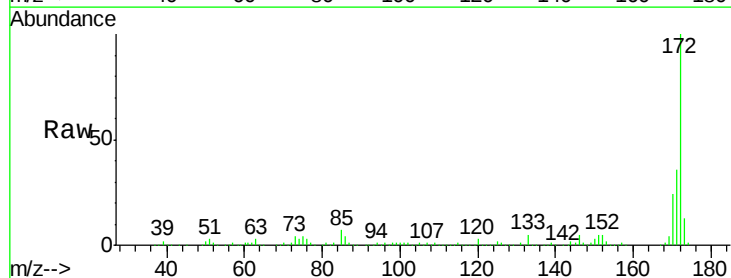
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

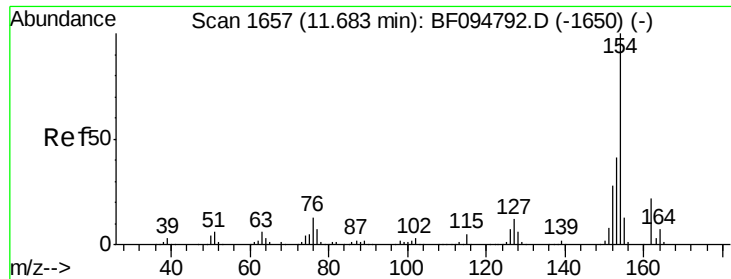
Tgt Ion:330 Resp: 222301
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 38.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 96.319 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion:172 Resp: 1135328
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.8 19.8 29.8

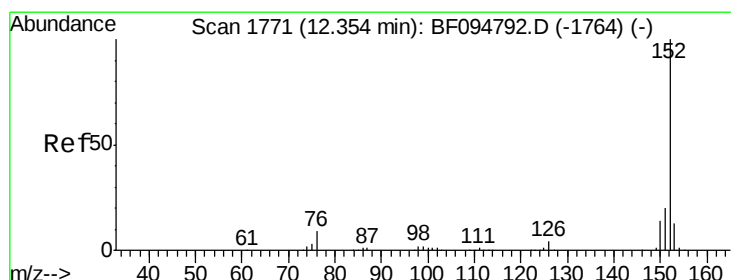
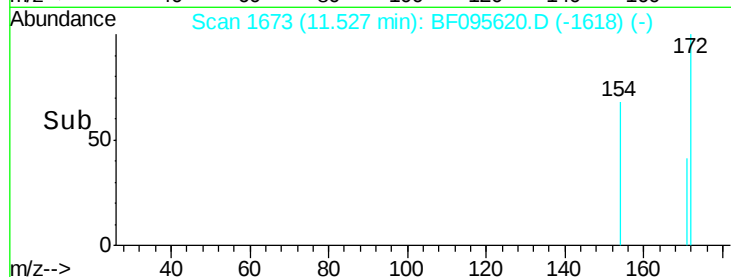
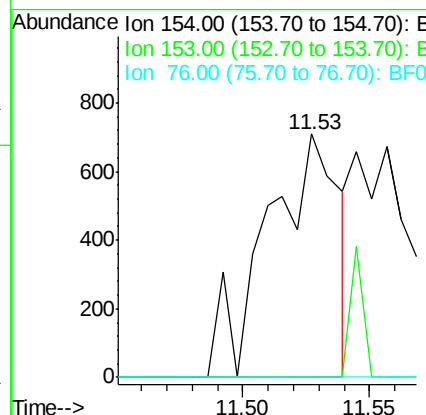
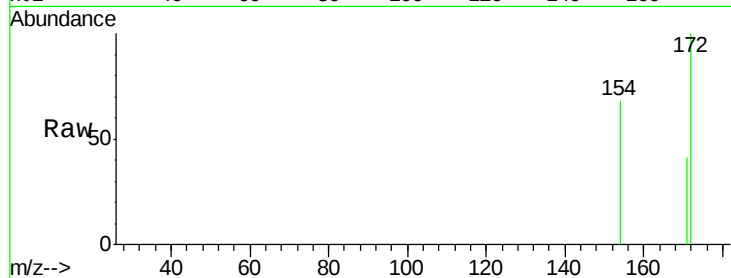




#45
 1,1'-Biphenyl
 Concen: 0.098 ng
 RT: 11.53 min Scan# 1673
 Delta R.T. 0.02 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

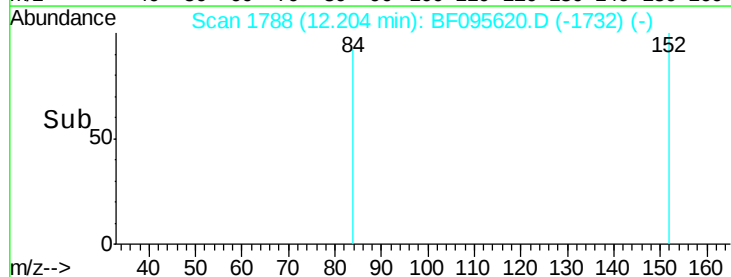
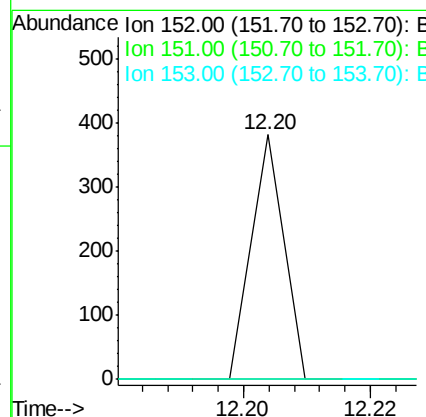
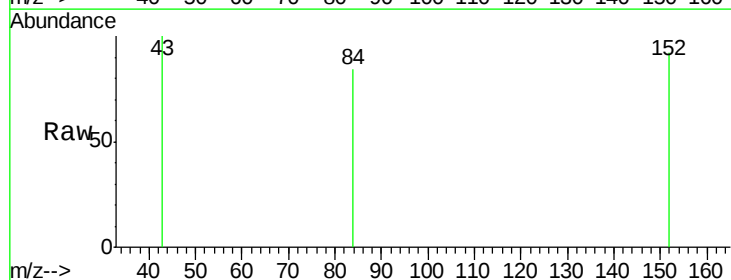
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

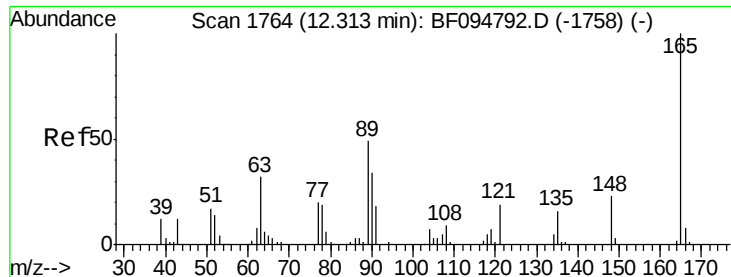
Tgt Ion:154 Resp: 1400
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.2 61.2#
 76 0.0 0.0 29.9



#48
 Acenaphthylene
 Concen: 0.007 ng
 RT: 12.20 min Scan# 1788
 Delta R.T. 0.03 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion:152 Resp: 134
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.8 25.2#
 153 0.0 10.8 16.2#

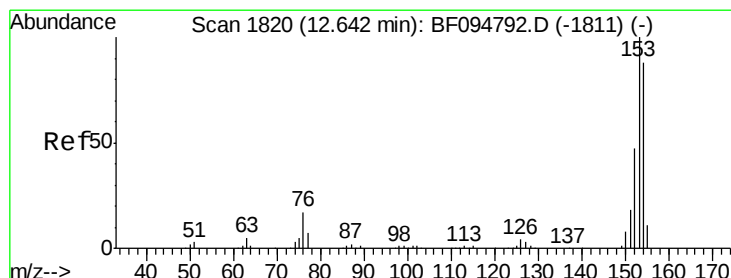
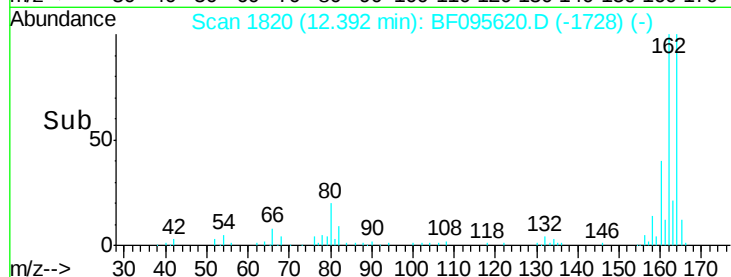
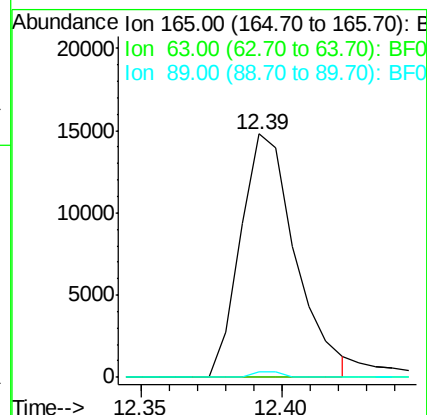
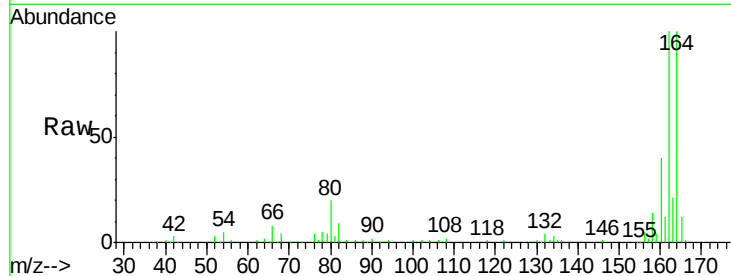




#50
 2,6-Dinitrotoluene
 Concen: 7.025 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

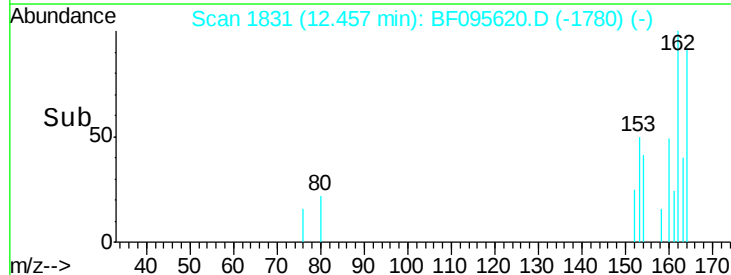
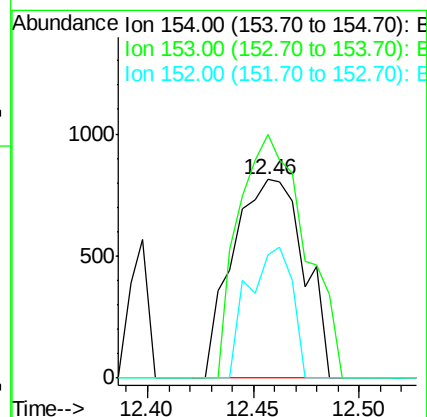
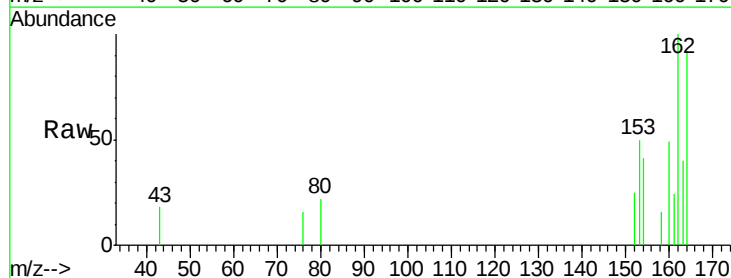
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

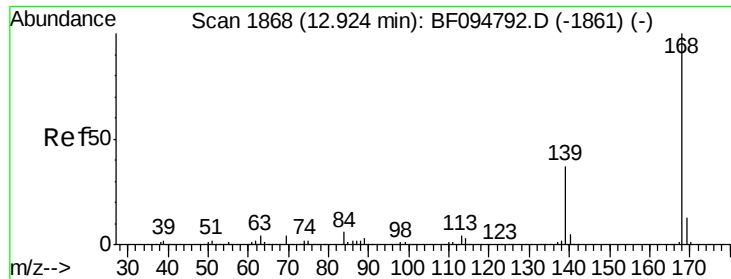
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.1	37.1	55.7#



#51
 Acenaphthene
 Concen: 0.177 ng
 RT: 12.46 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	122.6	90.5	135.7
152	62.0	43.6	65.4

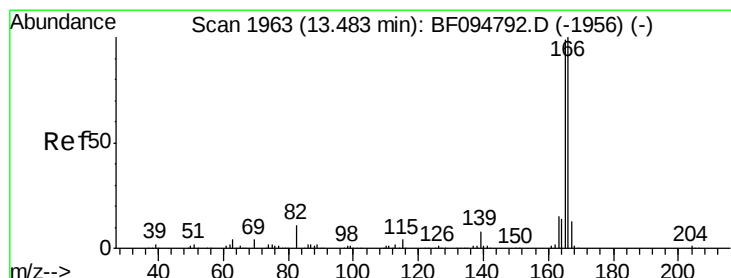
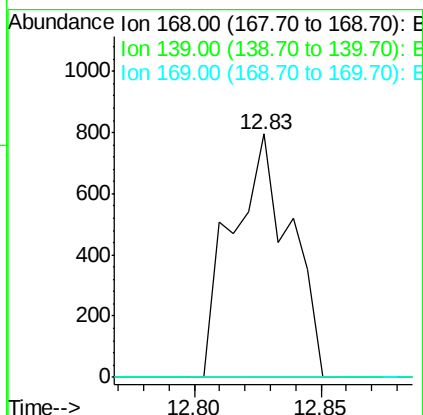
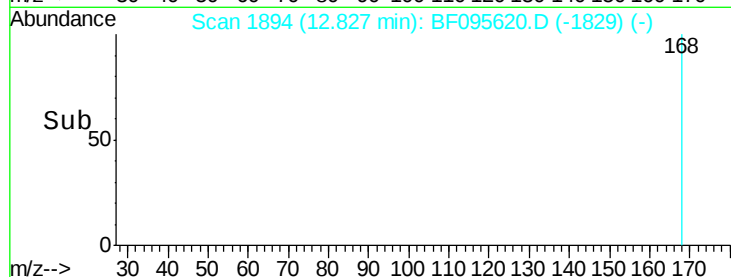
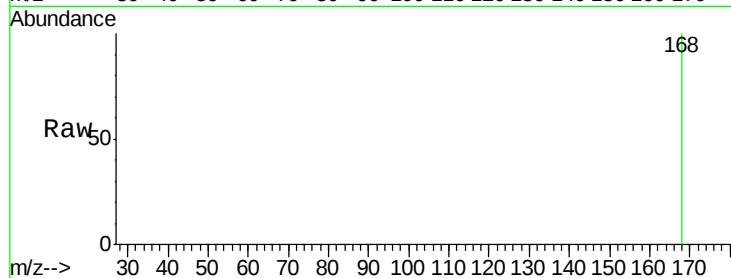




#54
Dibenzenofuran
Concen: 0.086 ng
RT: 12.83 min Scan# 1894
Delta R.T. 0.08 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

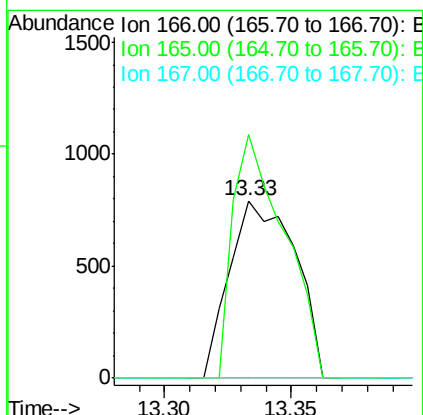
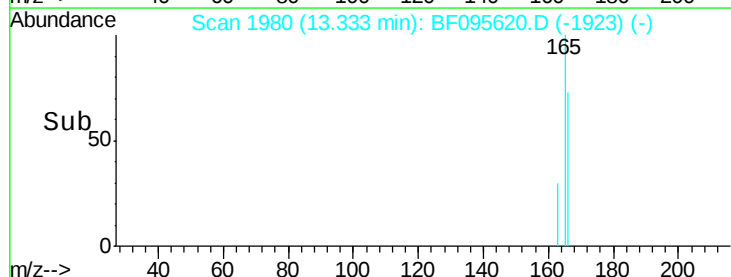
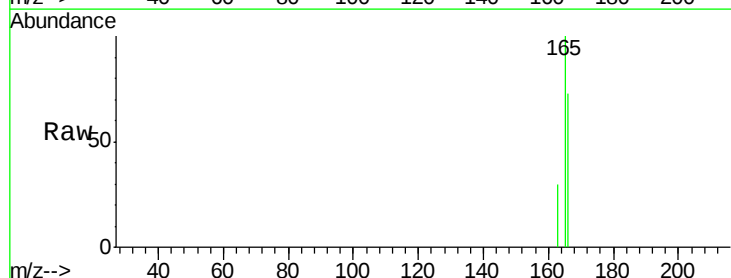
Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

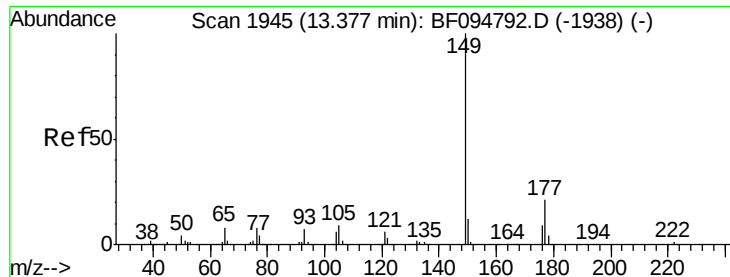
Tgt Ion:168 Resp: 1280
Ion Ratio Lower Upper
168 100
139 0.0 30.6 45.8#
169 0.0 10.8 16.2#



#57
Fluorene
Concen: 0.111 ng
RT: 13.33 min Scan# 1980
Delta R.T. 0.04 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion:166 Resp: 1437
Ion Ratio Lower Upper
166 100
165 137.5 78.8 118.2#
167 0.0 10.6 16.0#

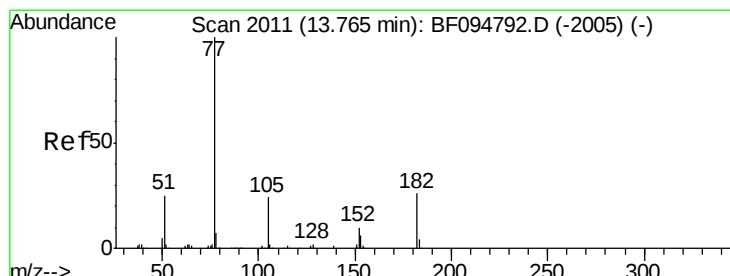
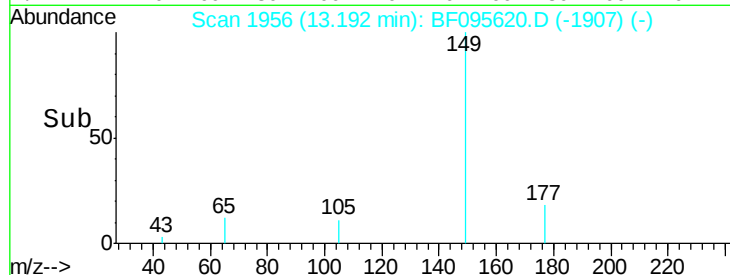
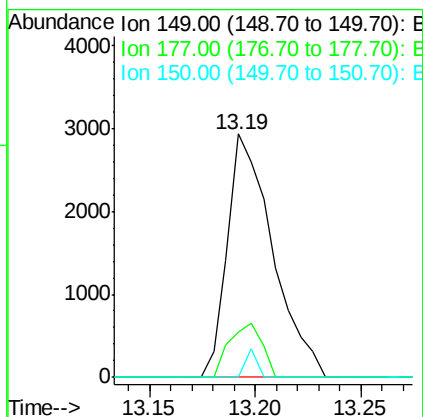
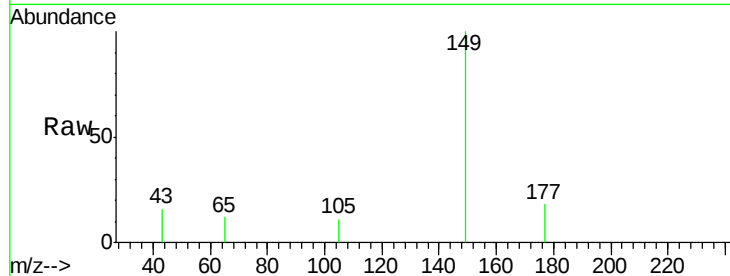




#59
Diethylphthalate
Concen: 0.325 ng
RT: 13.19 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

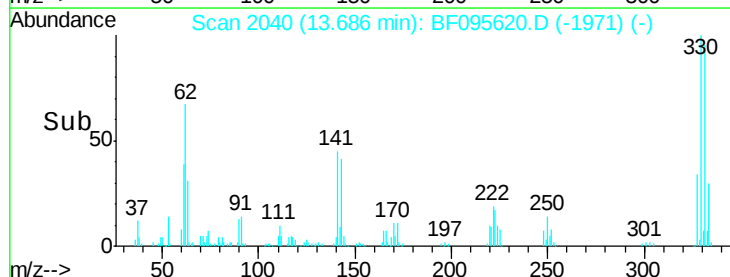
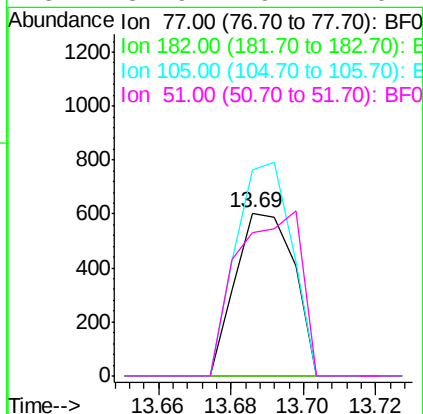
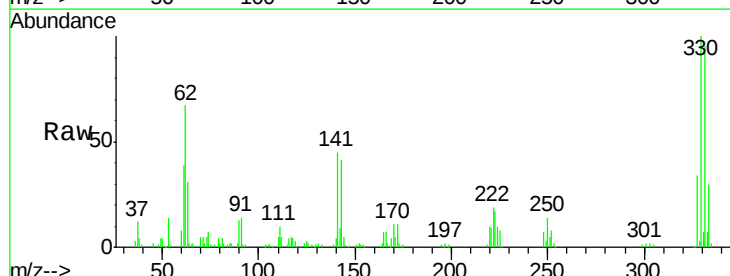
Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

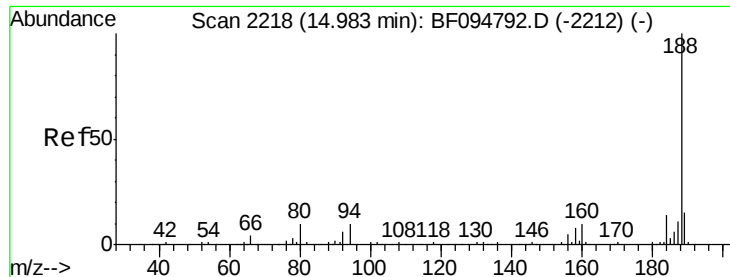
Tgt Ion: 149 Resp: 4345
Ion Ratio Lower Upper
149 100
177 18.4 16.7 25.1
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.063 ng
RT: 13.69 min Scan# 2040
Delta R.T. 0.11 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion: 77 Resp: 677
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 126.7 3.6 43.6#
51 87.9 9.4 49.4#

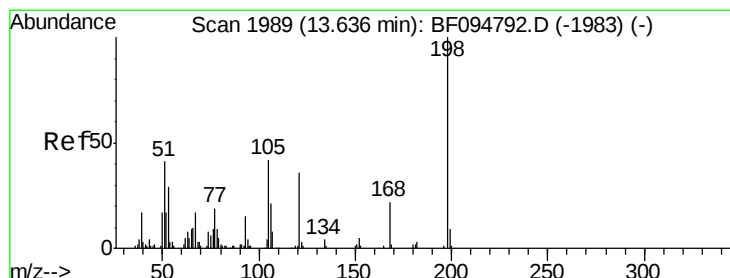
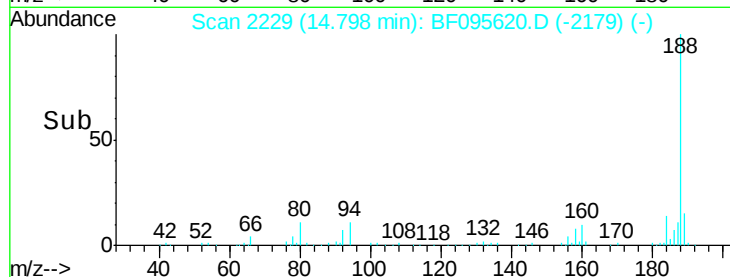
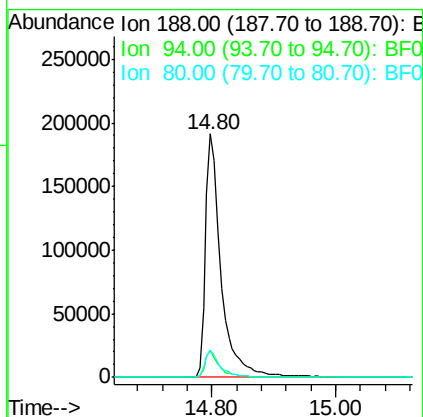
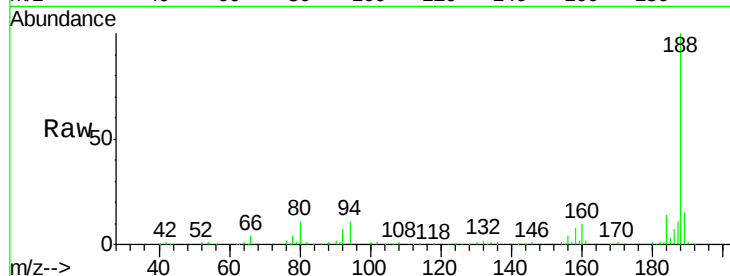




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

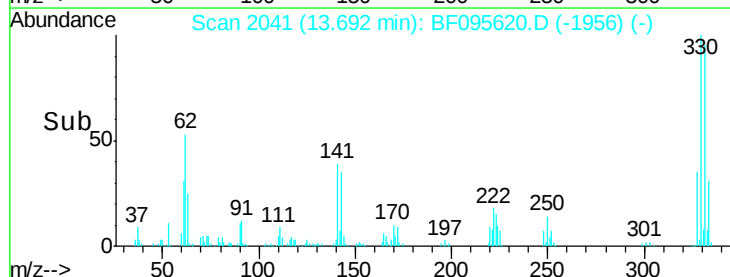
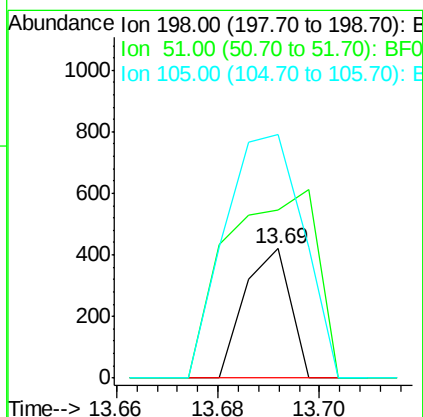
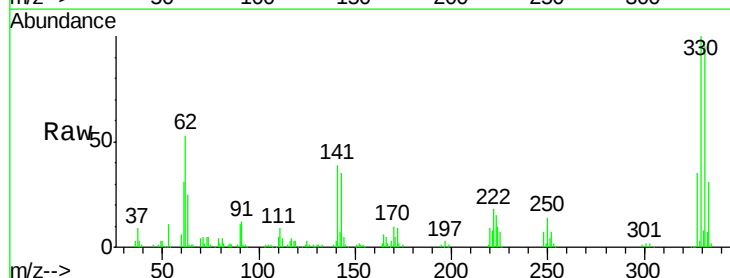
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

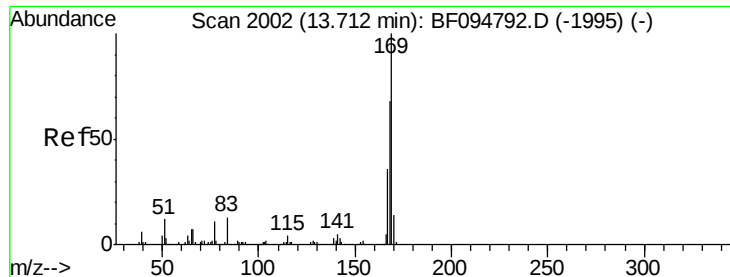
Tgt Ion:188 Resp: 334894
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.116 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. 0.20 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion:198 Resp: 261
 Ion Ratio Lower Upper
 198 100
 51 129.5 53.2 93.2#
 105 188.3 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 0.636 ng

RT: 13.69 min Scan# 2041

Delta R.T. 0.16 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Instrument :

BNA_F

ClientSampleId :

TP-1-TP-2

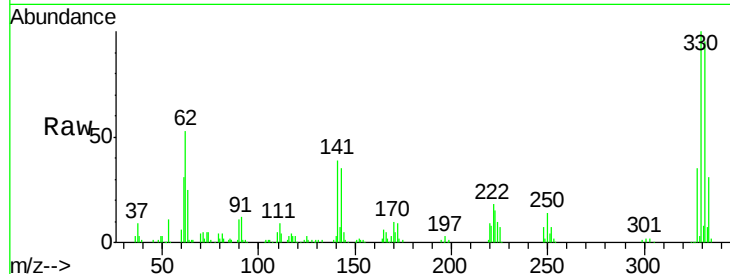
Tgt Ion:169 Resp: 7731

Ion Ratio Lower Upper

169 100

168 8.1 53.2 79.8#

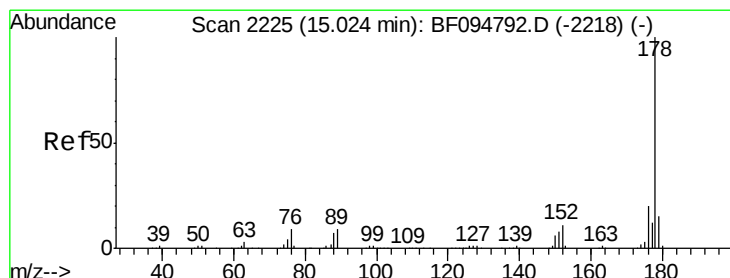
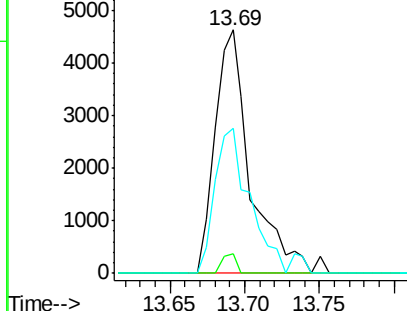
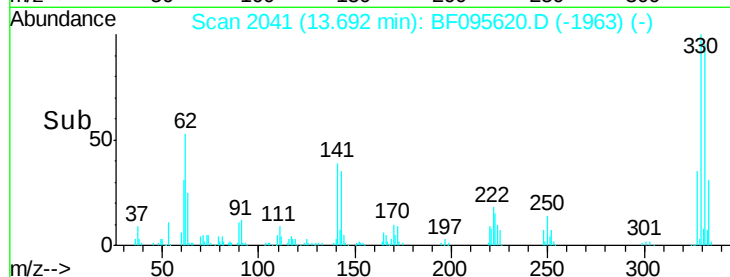
167 67.5 29.5 44.3#



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



#70

Phenanthrene

Concen: 0.141 ng

RT: 14.85 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

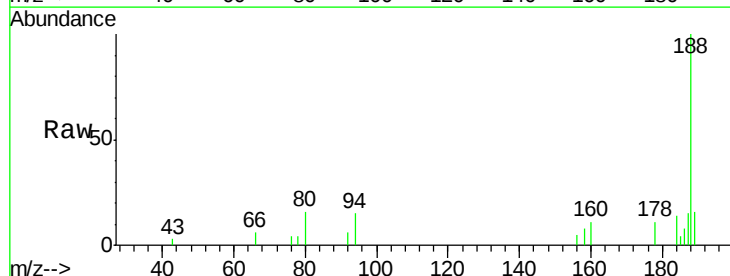
Tgt Ion:178 Resp: 2719

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

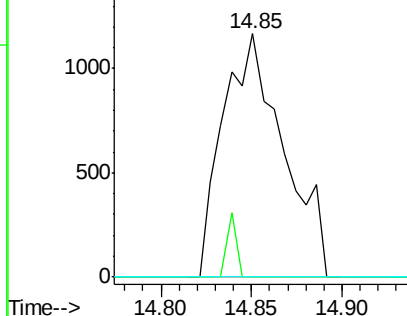
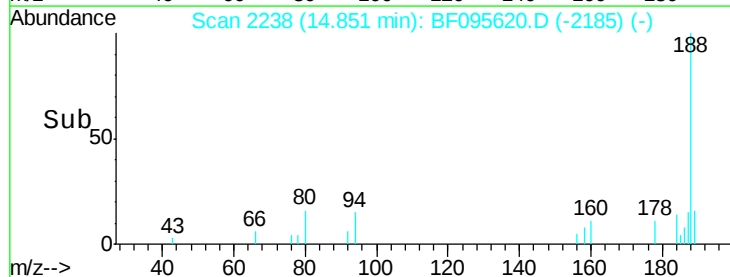
179 0.0 12.6 19.0#

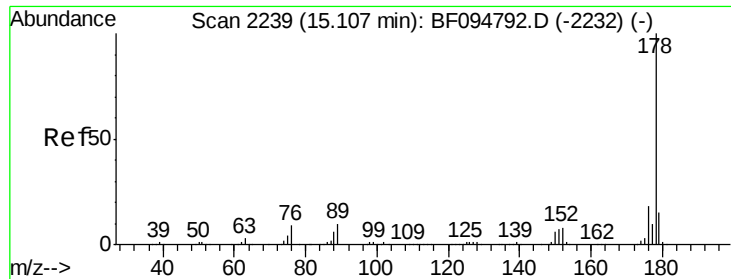


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

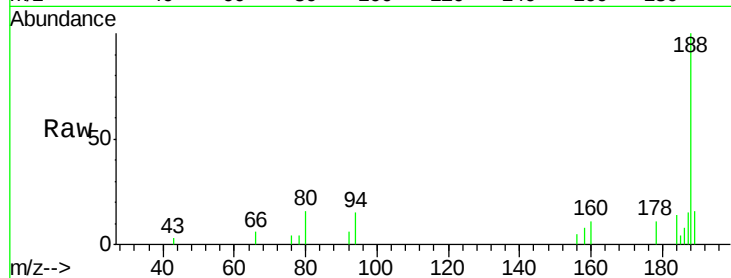




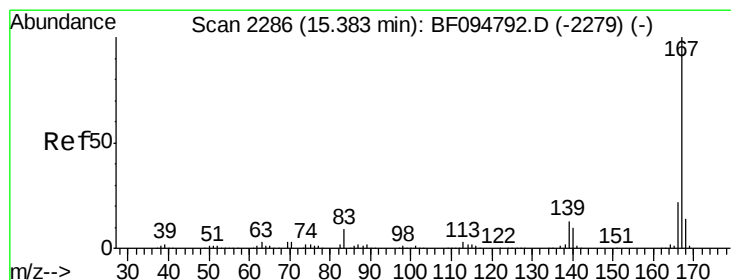
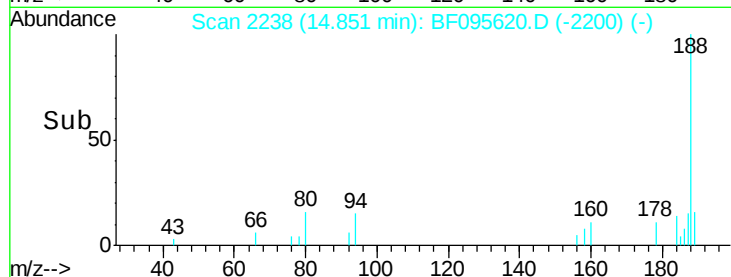
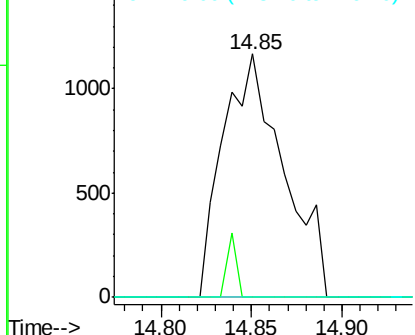
#71
 Anthracene
 Concen: 0.138 ng
 RT: 14.85 min Scan# 2238
 Delta R.T. -0.08 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

Tgt Ion:178 Resp: 2719
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 12.7 19.1#

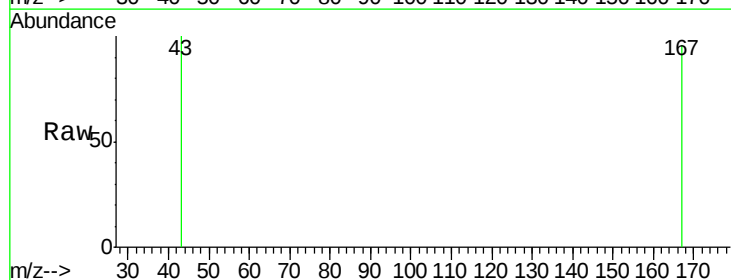


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

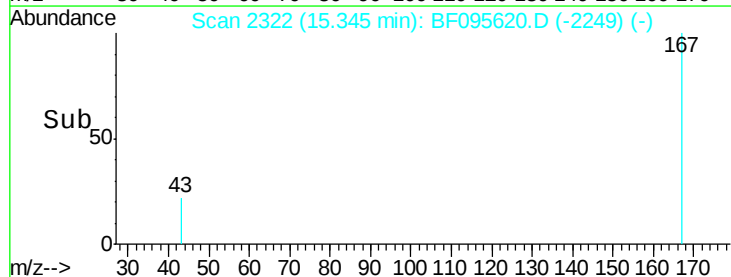
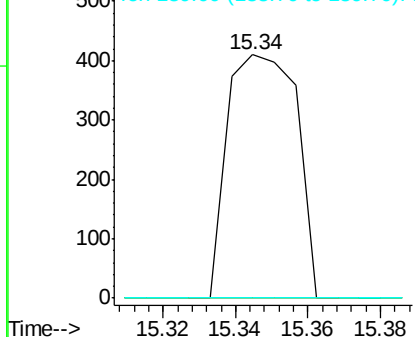


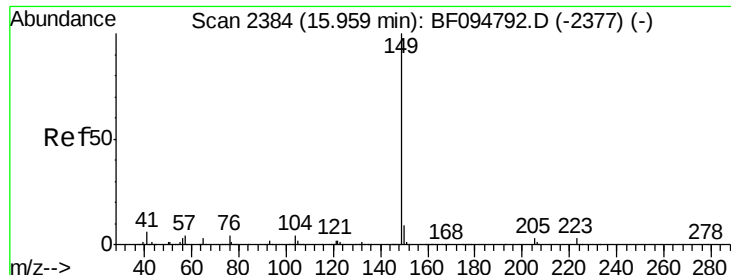
#72
 Carbazole
 Concen: 0.030 ng
 RT: 15.34 min Scan# 2322
 Delta R.T. 0.13 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion:167 Resp: 543
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.1 27.1#
 139 0.0 11.7 17.5#



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

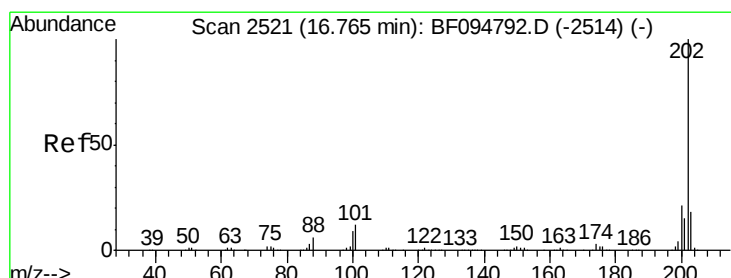
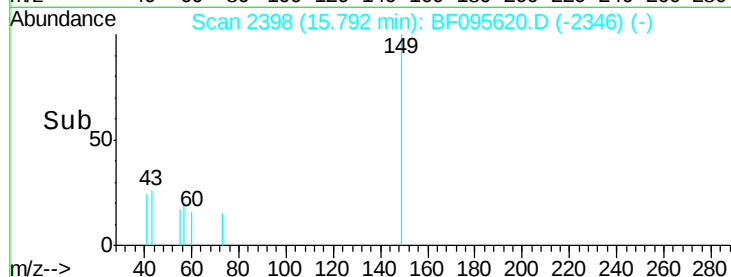
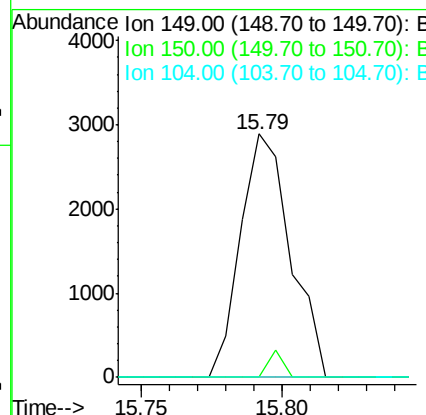
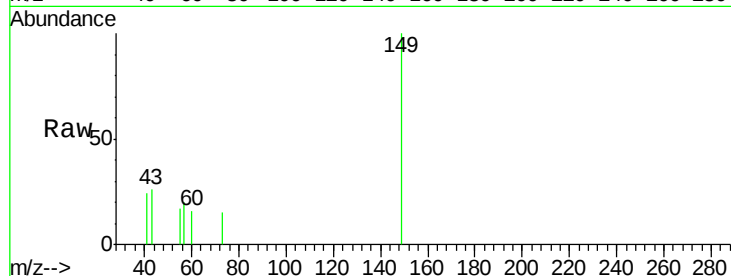




#73
Di-n-butylphthalate
Concen: 0.159 ng
RT: 15.79 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

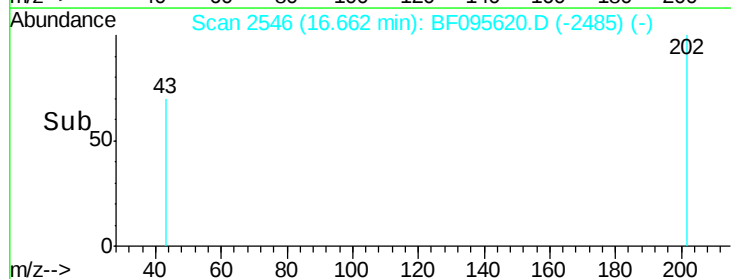
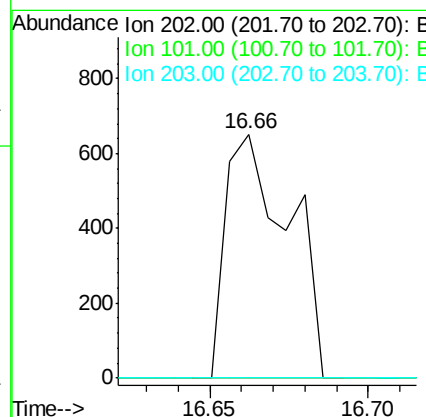
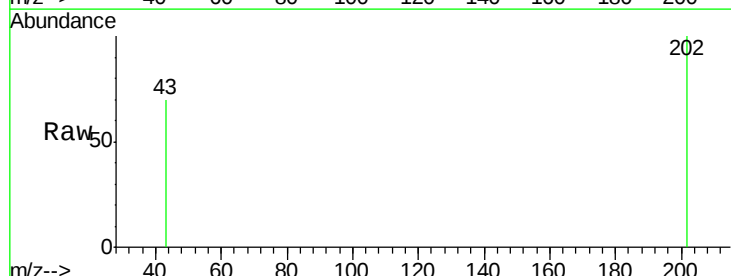
Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

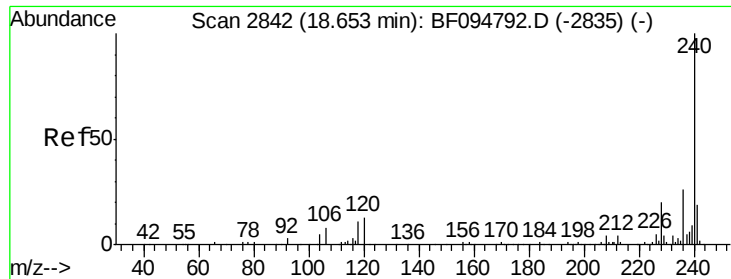
Tgt Ion:149 Resp: 3555
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.0 6.0#



#74
Fluoranthene
Concen: 0.045 ng
RT: 16.66 min Scan# 2546
Delta R.T. 0.06 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion:202 Resp: 897
Ion Ratio Lower Upper
202 100
101 0.0 0.0 33.2
203 0.0 0.0 38.1

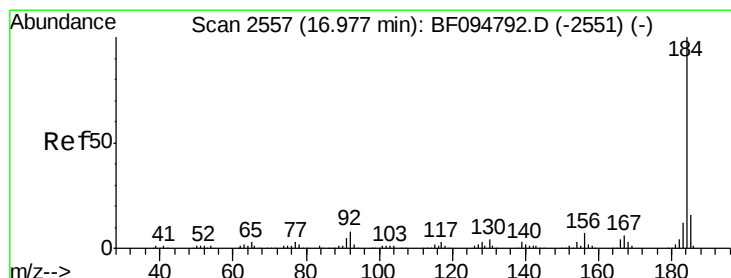
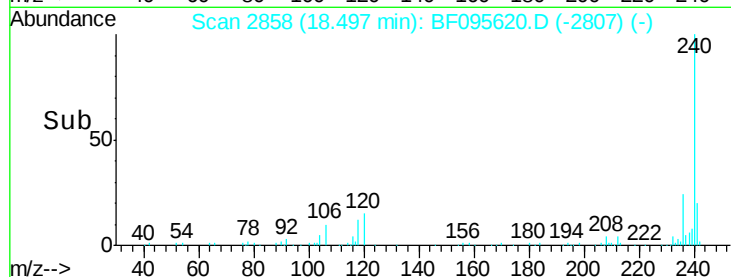
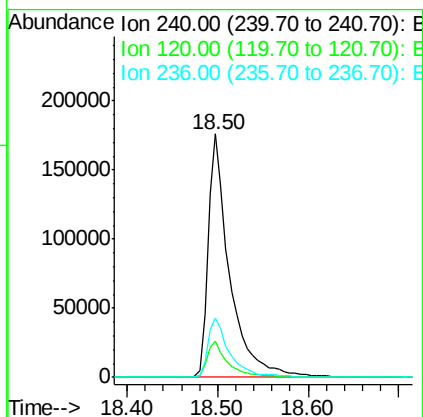
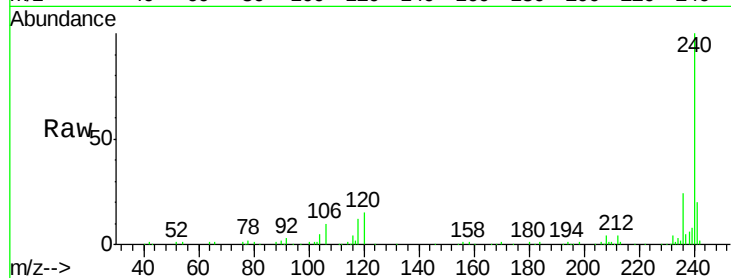




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

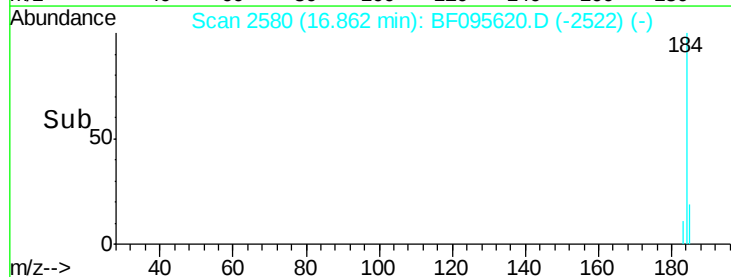
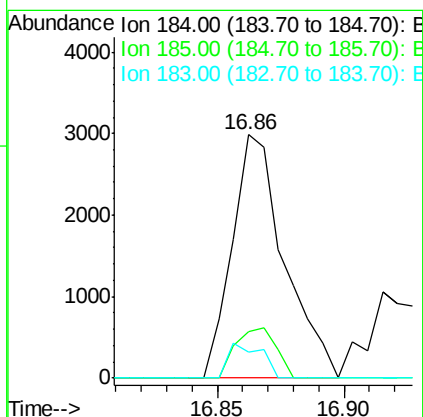
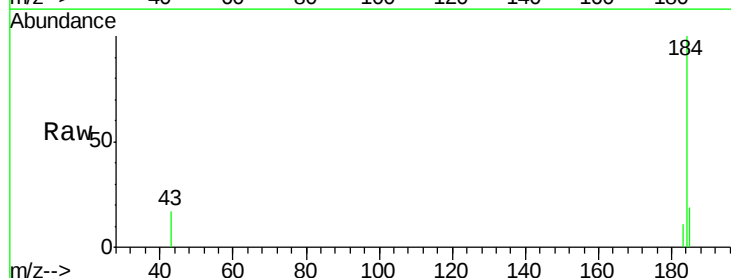
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

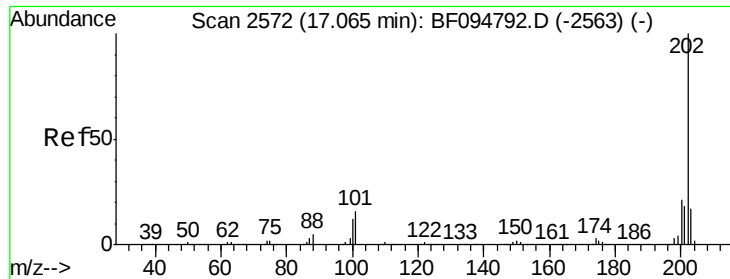
Tgt Ion:240 Resp: 291387
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.3 20.5 30.7



#76
 Benzidine
 Concen: 7.057 ng
 RT: 16.86 min Scan# 2580
 Delta R.T. 0.04 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion:184 Resp: 4279
 Ion Ratio Lower Upper
 184 100
 185 19.2 15.5 23.3
 183 10.8 9.8 14.6

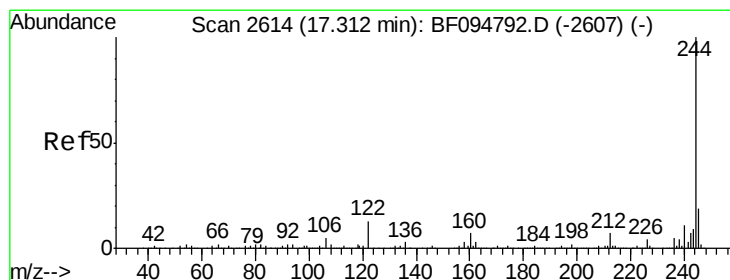
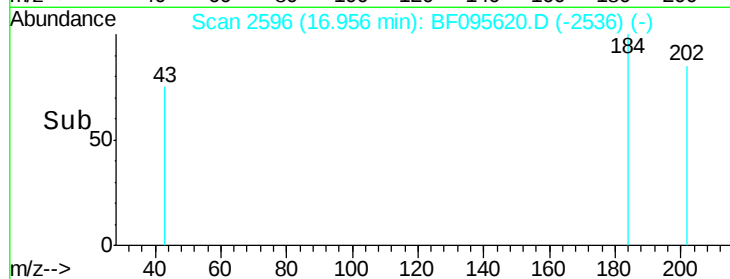
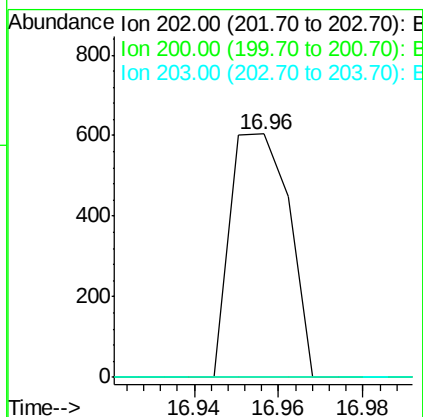
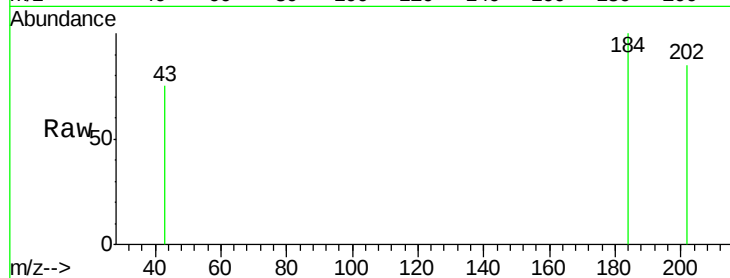




#77
 Pyrene
 Concen: 0.027 ng
 RT: 16.96 min Scan# 2596
 Delta R.T. 0.05 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

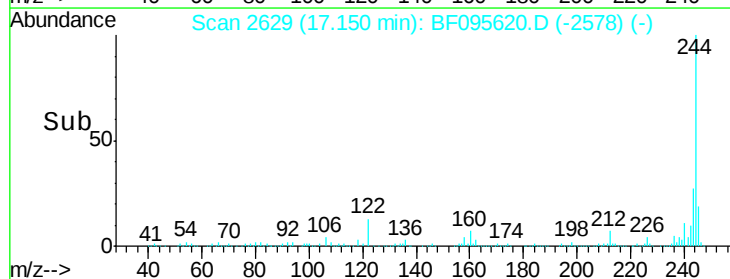
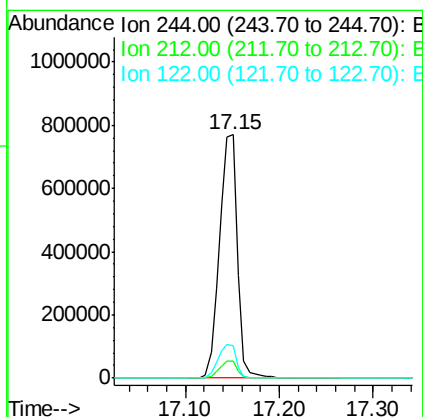
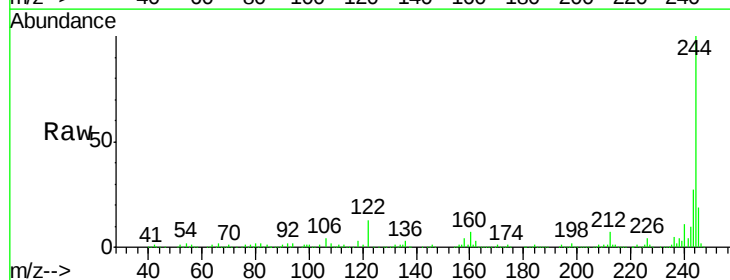
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

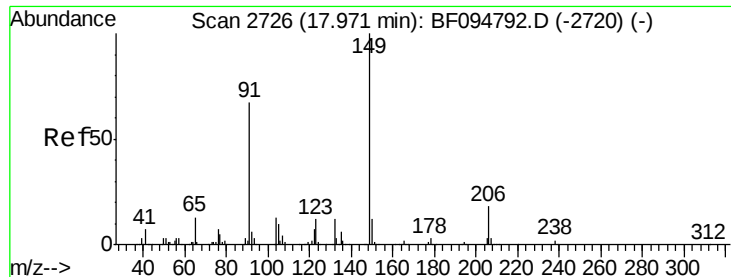
Tgt Ion: 202 Resp: 583
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.6 26.4#
 203 0.0 14.4 21.6#



#78
 Terphenyl-d14
 Concen: 77.422 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095620.D
 Acq: 2 Jun 2017 6:01

Tgt Ion: 244 Resp: 1024246
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.1 10.3 15.5

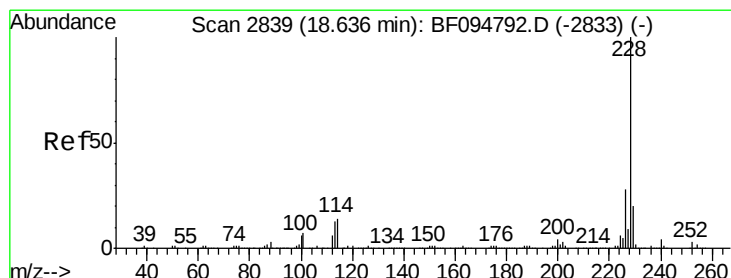
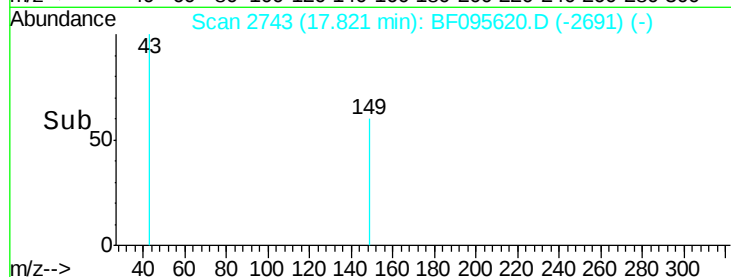
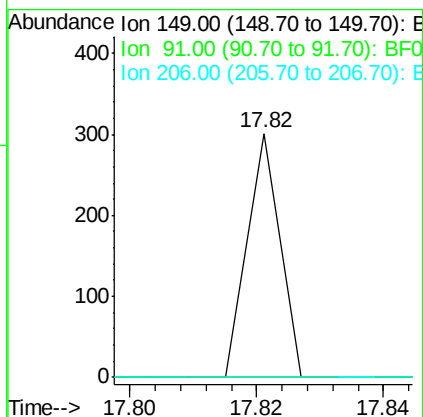
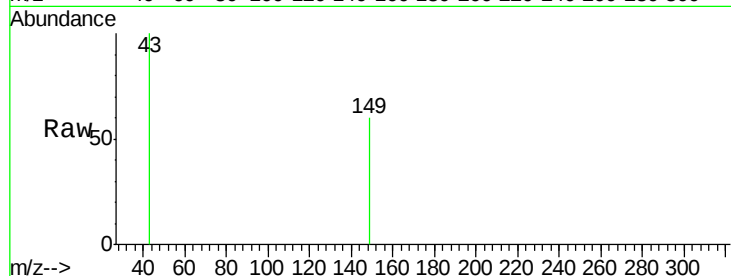




#79
Butylbenzylphthalate
Concen: 0.010 ng
RT: 17.82 min Scan# 2743
Delta R.T. 0.01 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

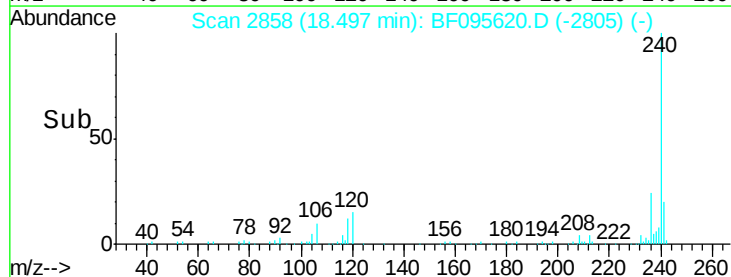
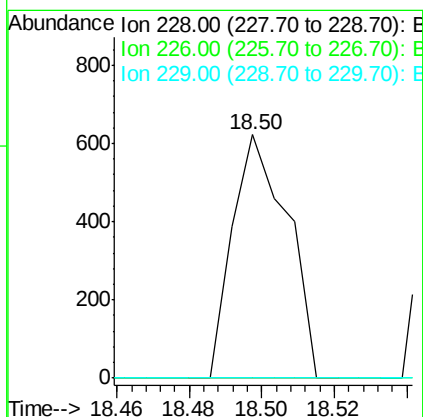
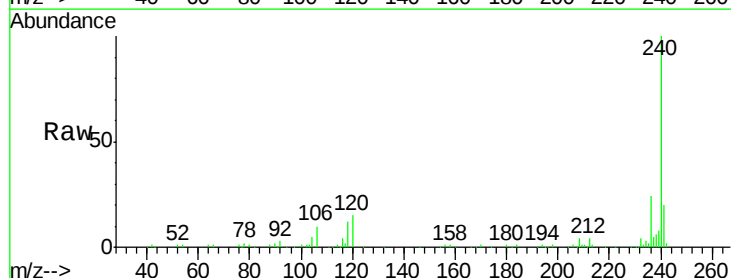
Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

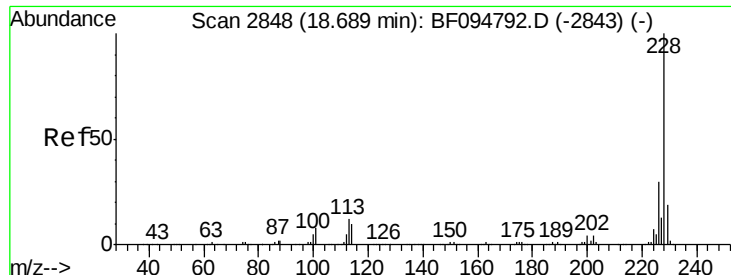
Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	45.0	67.4#
206	0.0	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 0.039 ng
RT: 18.50 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#





#82

Chrysene

Concen: 0.016 ng

RT: 18.54 min Scan# 2866

Delta R.T. 0.01 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

Instrument :

BNA_F

ClientSampled :

TP-1-TP-2

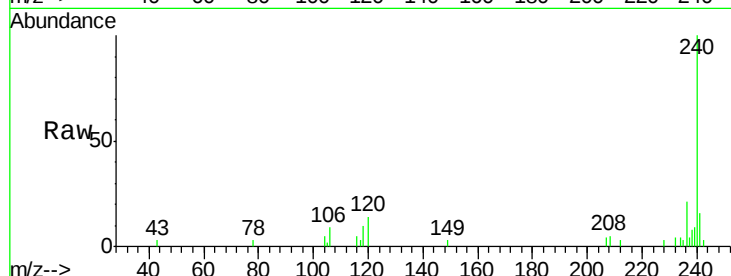
Tgt Ion:228 Resp: 267

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

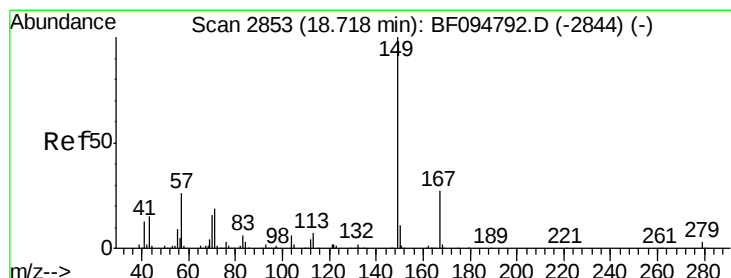
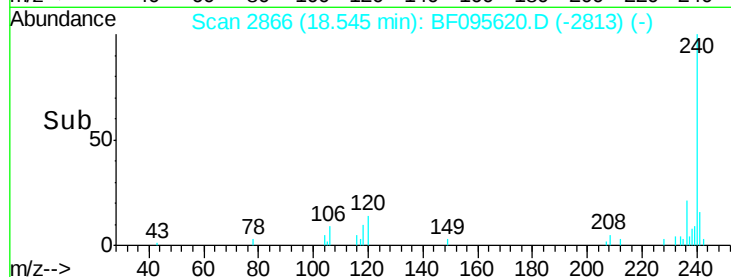
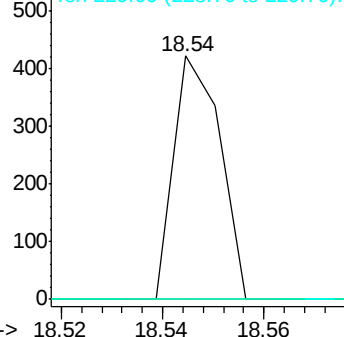
229 0.0 15.8 23.6#



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: 0.099 ng

RT: 18.56 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BF095620.D

Acq: 2 Jun 2017 6:01

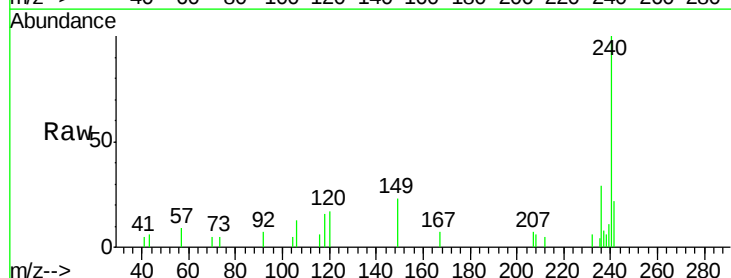
Tgt Ion:149 Resp: 1428

Ion Ratio Lower Upper

149 100

167 29.8 21.0 31.4

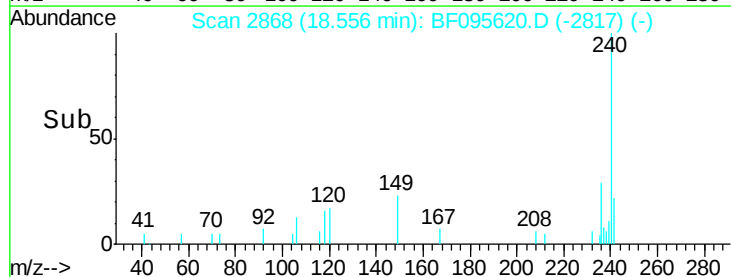
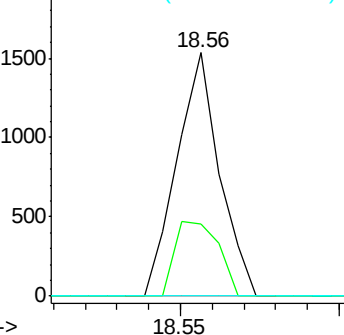
279 0.0 1.9 2.9#

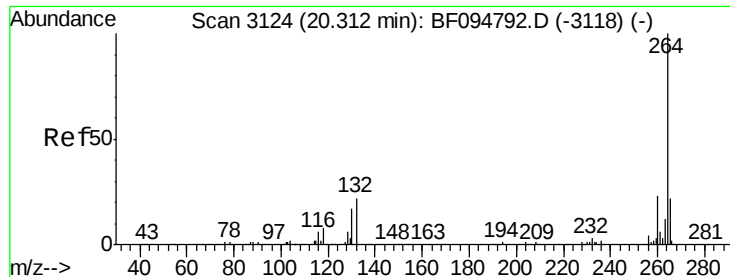


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

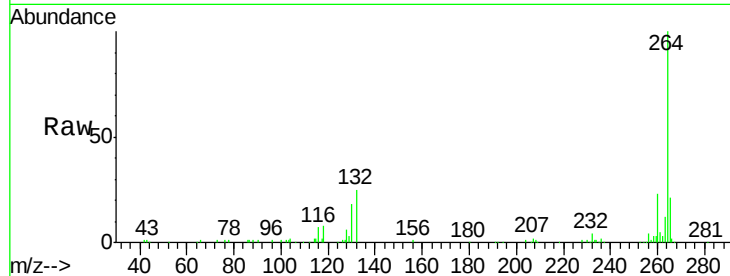




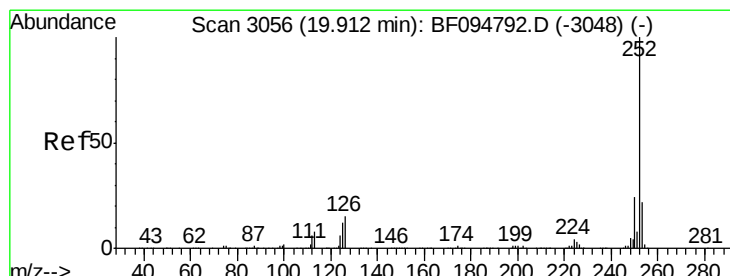
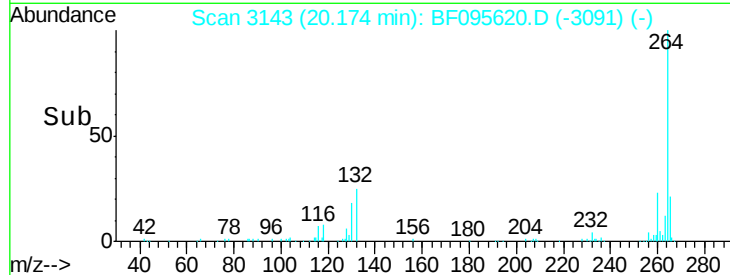
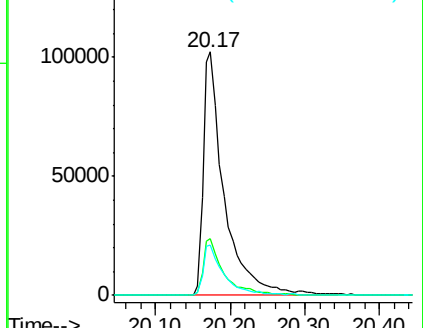
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

Tgt Ion: 264 Resp: 201195
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 20.5 17.2 25.8

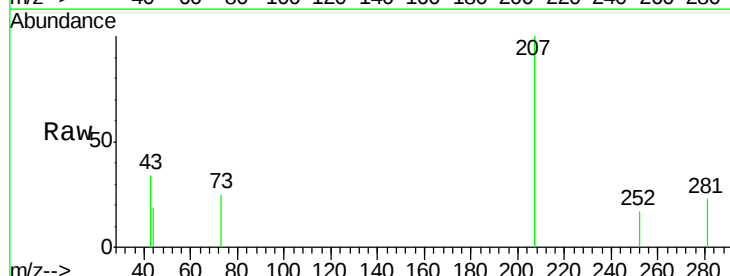


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

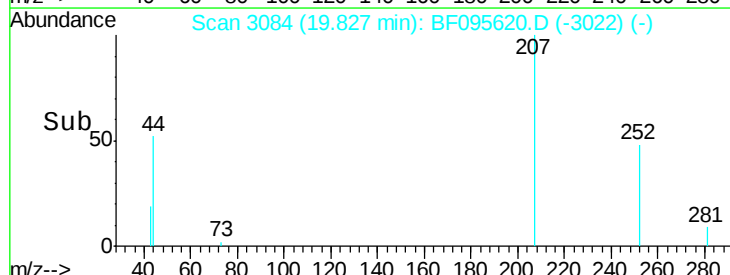
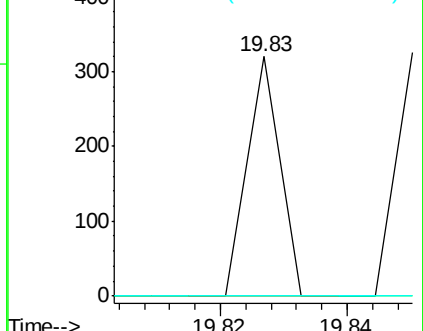


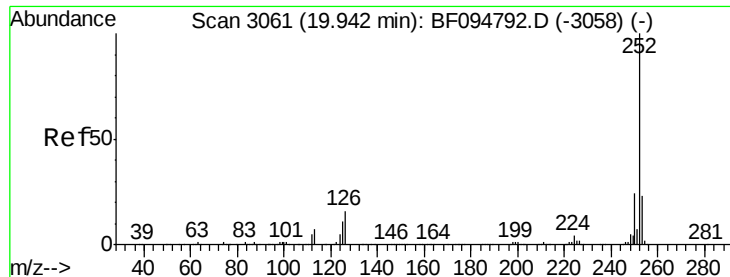
#87
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 19.83 min Scan# 3084
Delta R.T. 0.06 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion: 252 Resp: 113
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 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

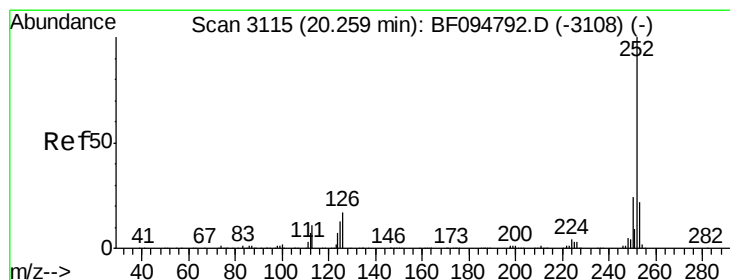
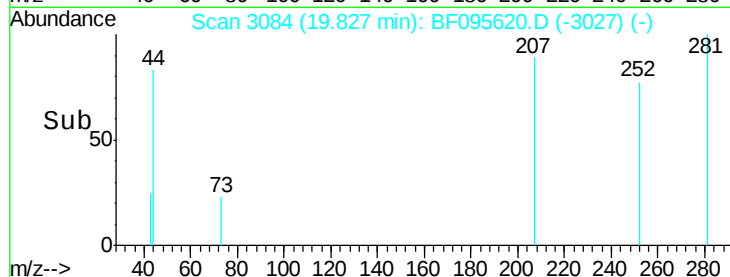
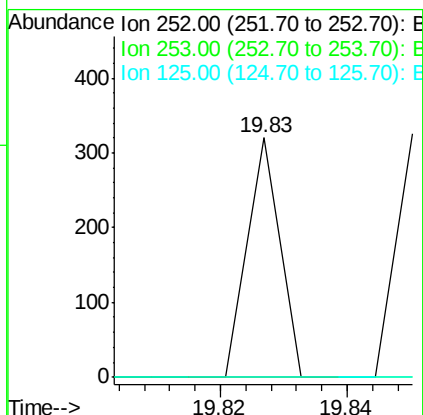
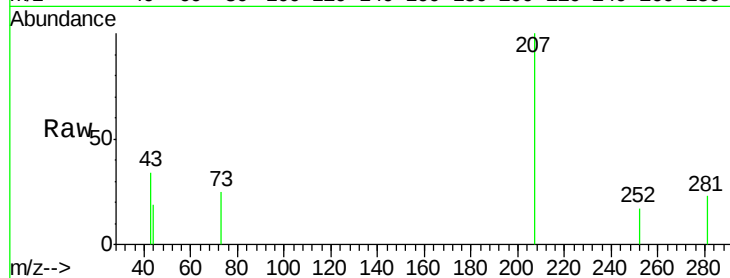




#88
Benzo(k)fluoranthene
Concen: 0.009 ng
RT: 19.83 min Scan# 3084
Delta R.T. 0.04 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

Tgt Ion:252 Resp: 113
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 0.0 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 0.032 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.06 min
Lab File: BF095620.D
Acq: 2 Jun 2017 6:01

Tgt Ion:252 Resp: 362
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 11.0 16.4#

