

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092154.D
 Acq On : 9 Jan 2017 22:50
 Operator : UM/SJ
 Sample : I1057-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP9

Quant Time: Jan 09 23:42:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	159951	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	570489	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	252900	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	426656	20.00	ng	0.00
75) Chrysene-d12	13.80	240	277922	20.00	ng	0.01
86) Perylene-d12	15.18	264	205124	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	965758	100.82	ng	0.00
7) Phenol-d6	6.31	99	1090277	93.22	ng	0.00
23) Nitrobenzene-d5	7.20	82	554054	54.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	118423	56.58	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	969664	77.41	ng	0.00
78) Terphenyl-d14	12.74	244	748161	65.29	ng	0.00

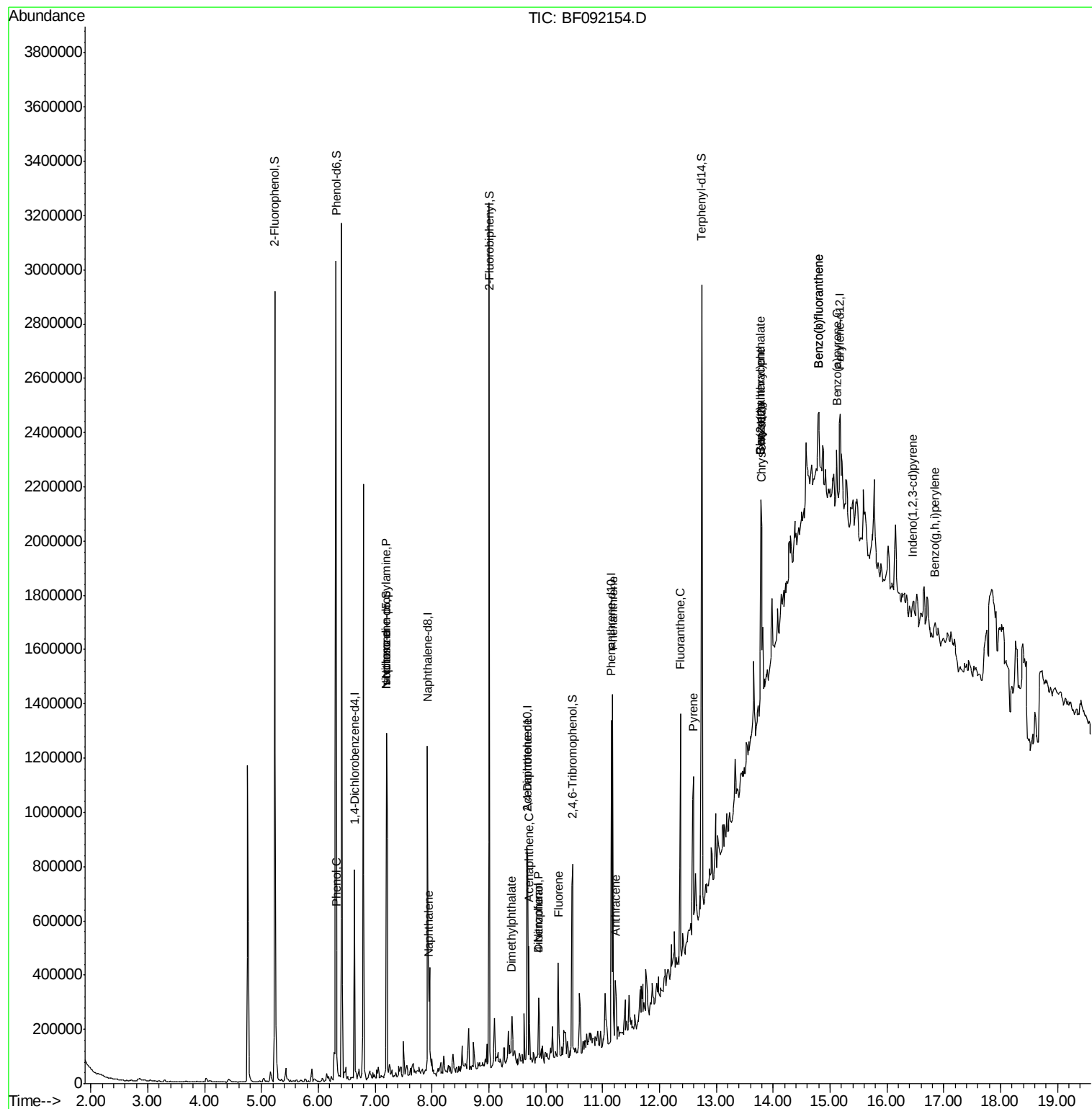
Target Compounds						Qvalue
10) Phenol	6.32	94	74990	5.63	ng	# 72
19) n-Nitroso-di-n-propylamine	7.20	70	77258	9.93	ng	# 76
25) Isophorone	7.20	82	530503	28.03	ng	# 65
31) Naphthalene	7.94	128	100893	3.86	ng	98
49) Dimethylphthalate	9.41	163	60980	3.77	ng	100
51) Acenaphthene	9.70	154	96336	6.74	ng	99
54) Dibenzofuran	9.88	168	93957	4.87	ng	99
55) 4-Nitrophenol	9.88	139	36017	12.11	ng	# 8
56) 2,4-Dinitrotoluene	9.68	165	35239	7.93	ng	# 20
57) Fluorene	10.22	166	96076	6.84	ng	98
70) Phenanthrene	11.18	178	450904	19.49	ng	98
71) Anthracene	11.22	178	107747	3.52	ng	98
73) Di-n-butylphthalate	11.73	149	3480	Below Cal	#	75
74) Fluoranthene	12.37	202	404324	17.59	ng	94
76) Benzidine	12.50	184	1219	Below Cal	#	1
77) Pyrene	12.60	202	342711	16.81	ng	97
80) Benzo(a)anthracene	13.79	228	134719	8.59	ng	# 93
82) Chrysene	13.79	228	135052	8.58	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.79	149	25571	2.34	ng	# 76
85) Indeno(1,2,3-cd)pyrene	16.46	276	45302	3.32	ng	95
87) Benzo(b)fluoranthene	14.80	252	165361	12.95	ng	# 74
88) Benzo(k)fluoranthene	14.80	252	165361	15.18	ng	# 73
89) Benzo(a)pyrene	15.12	252	78639	6.94	ng	# 66
91) Benzo(g,h,i)perylene	16.85	276	47725	4.93	ng	# 76

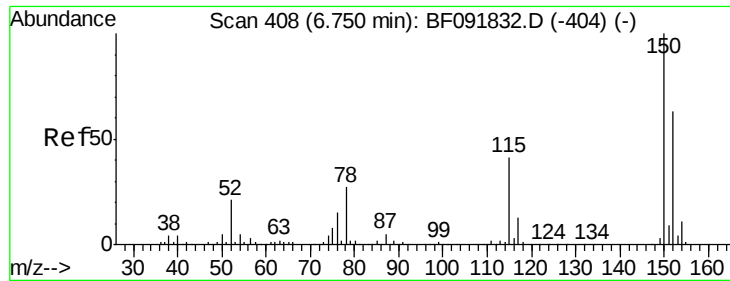
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampleId :

P3-SP9

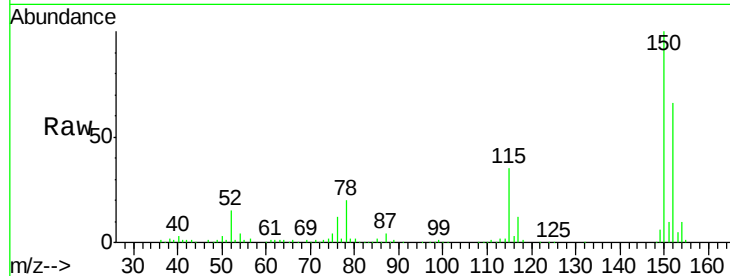
Tgt Ion:152 Resp: 159951

Ion Ratio Lower Upper

152 100

150 151.4 124.9 187.3

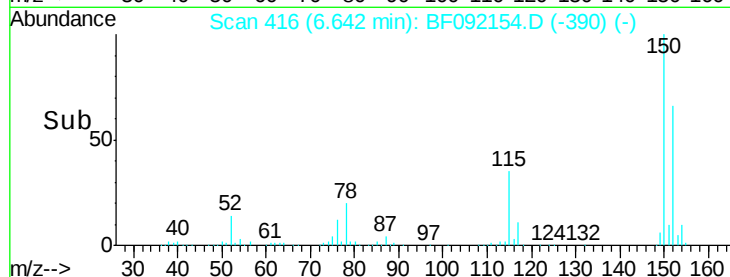
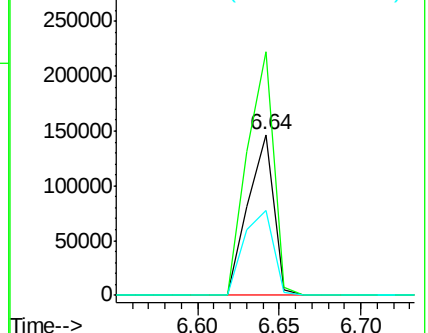
115 52.6 46.0 69.0



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: 100.82 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

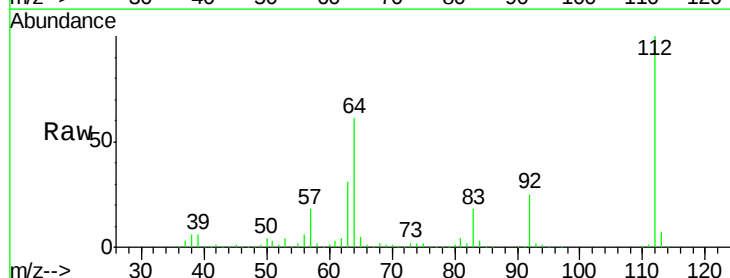
Tgt Ion:112 Resp: 965758

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

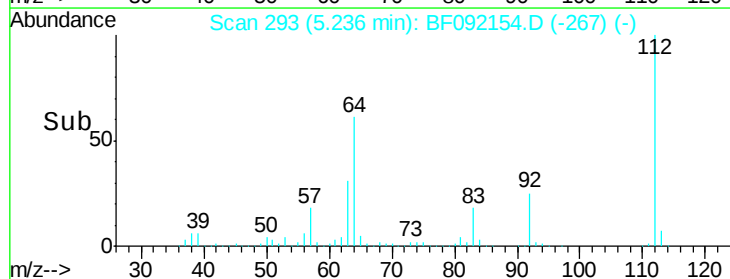
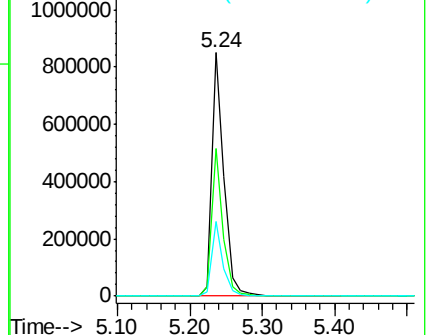
63 30.8 23.8 35.6



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





#7

Phenol-d6

Concen: 93.22 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampled :

P3-SP9

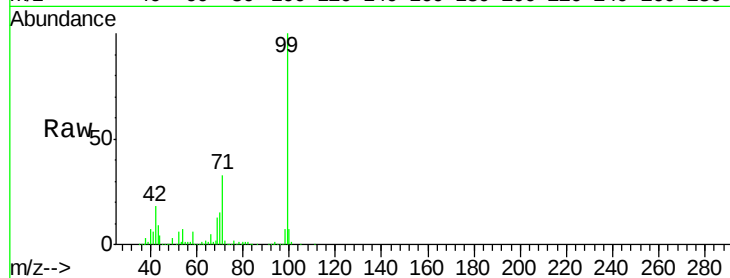
Tgt Ion: 99 Resp: 1090277

Ion Ratio Lower Upper

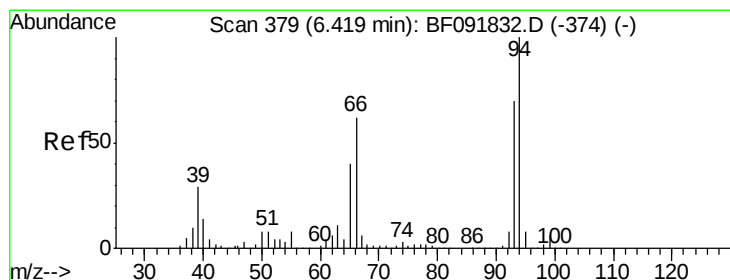
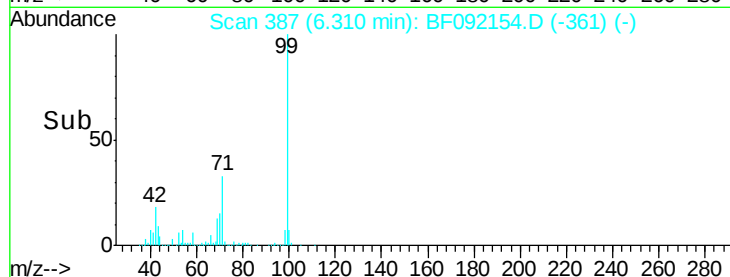
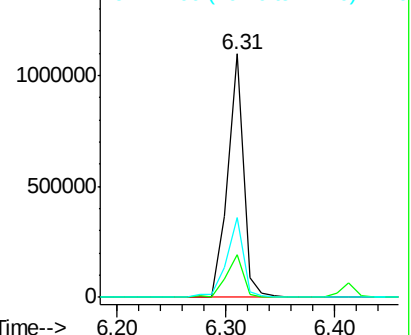
99 100

42 17.7 15.6 23.4

71 33.0 27.5 41.3



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



#10

Phenol

Concen: 5.63 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

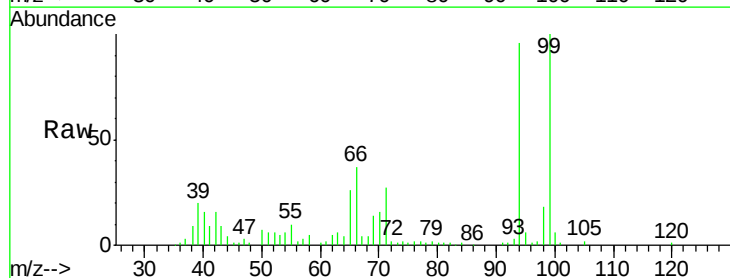
Tgt Ion: 94 Resp: 74990

Ion Ratio Lower Upper

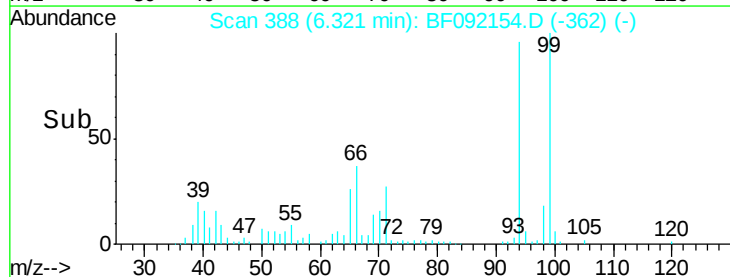
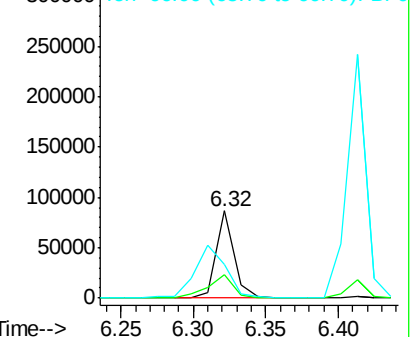
94 100

65 27.4 21.4 61.4

66 39.1 44.0 84.0#



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

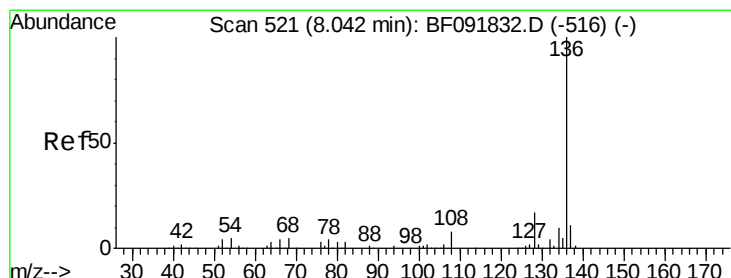
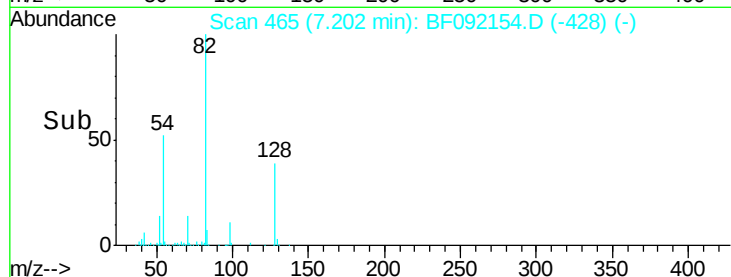
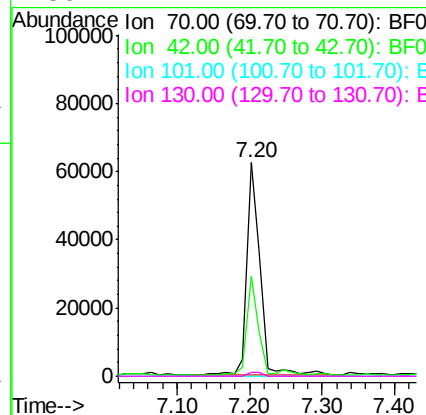
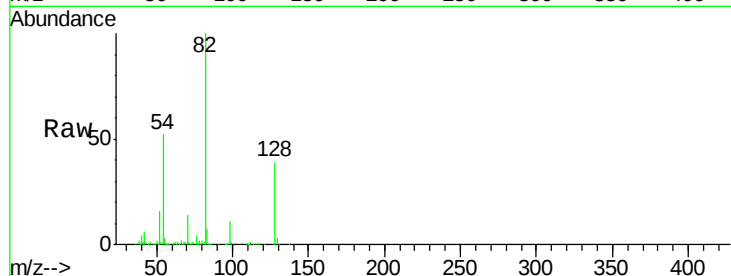




#19
n-Nitroso-di-n-propylamine
Concen: 9.93 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

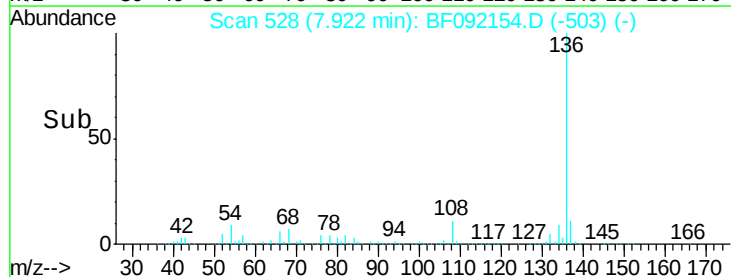
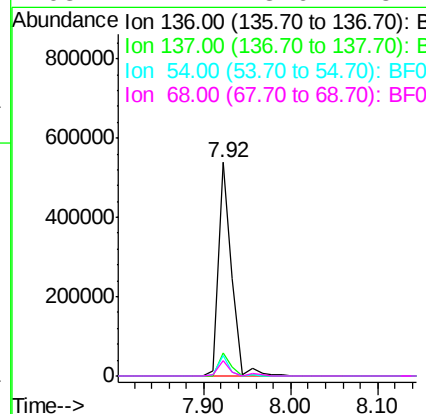
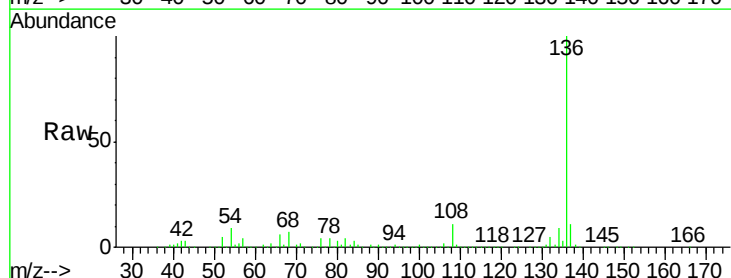
Instrument :
BNA_F
ClientSampleId :
P3-SP9

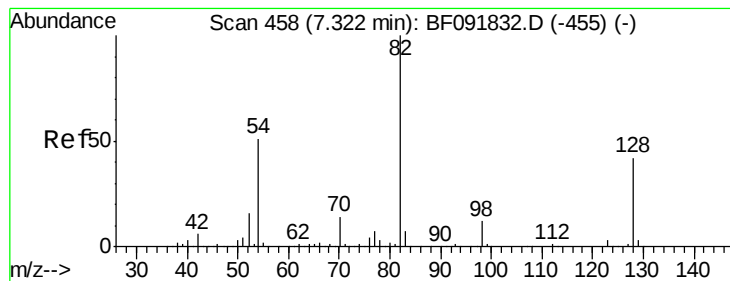
Tgt Ion: 70 Resp: 77258
Ion Ratio Lower Upper
70 100
42 46.6 49.4 74.0#
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

Tgt Ion: 136 Resp: 570489
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.4 4.5 6.7#
68 7.1 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 54.00 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampleId :

P3-SP9

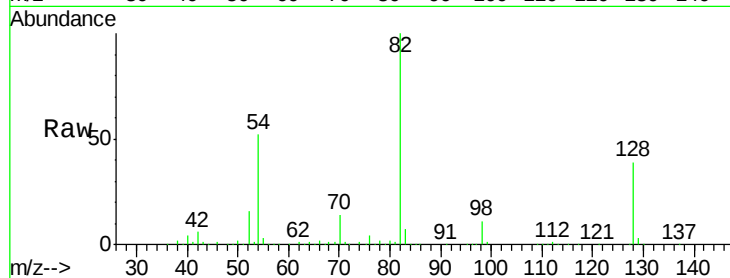
Tgt Ion: 82 Resp: 554054

Ion Ratio Lower Upper

82 100

128 38.7 34.6 52.0

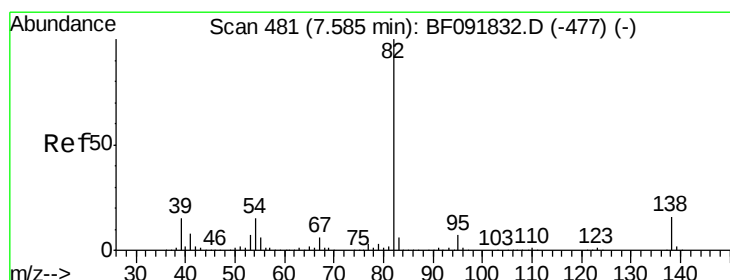
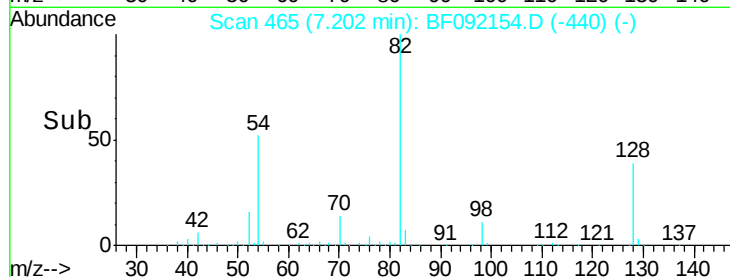
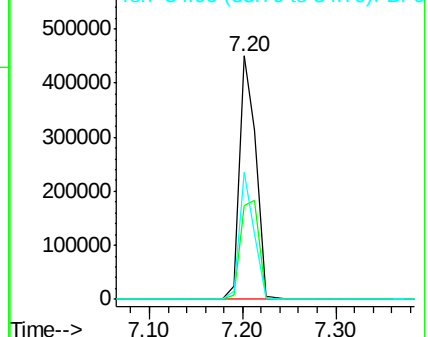
54 52.3 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 28.03 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

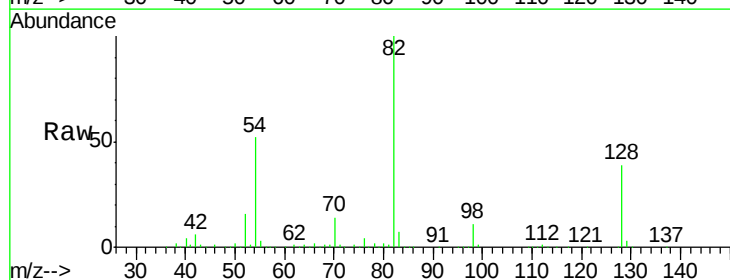
Tgt Ion: 82 Resp: 530503

Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

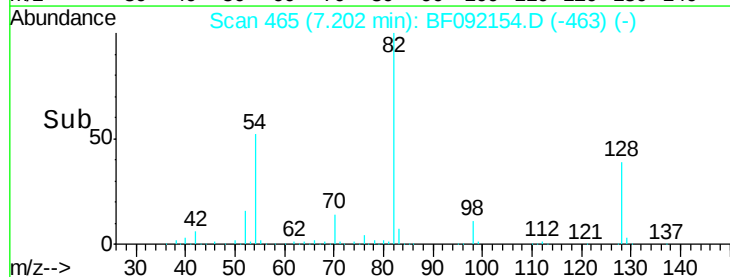
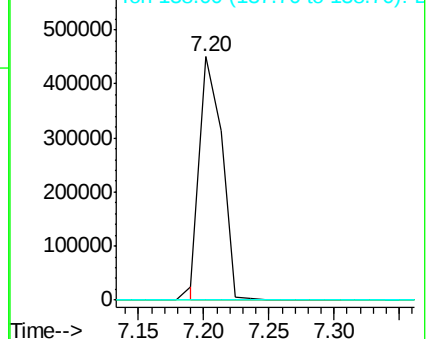
138 0.0 14.6 22.0#

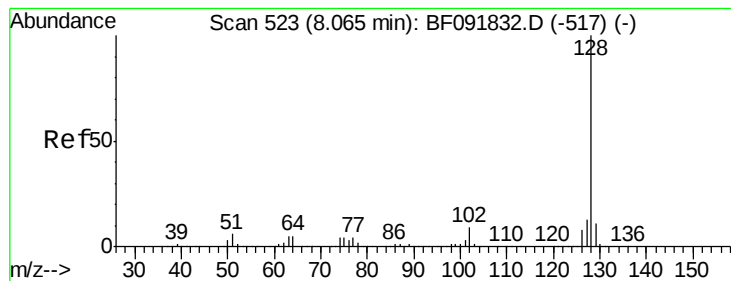


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 3.86 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampleId :

P3-SP9

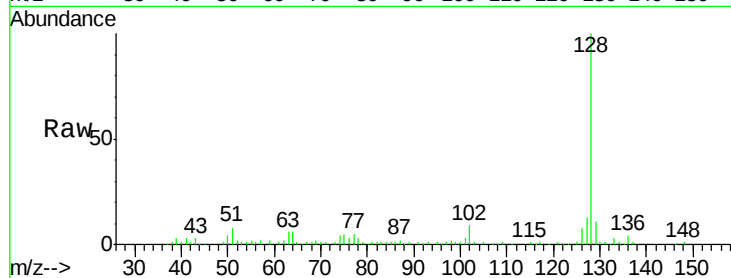
Tgt Ion:128 Resp: 100893

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

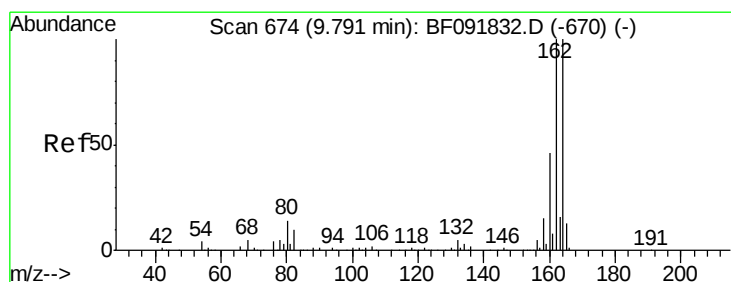
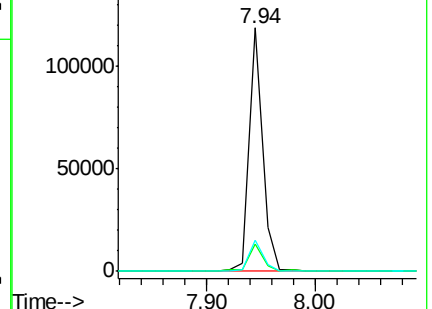
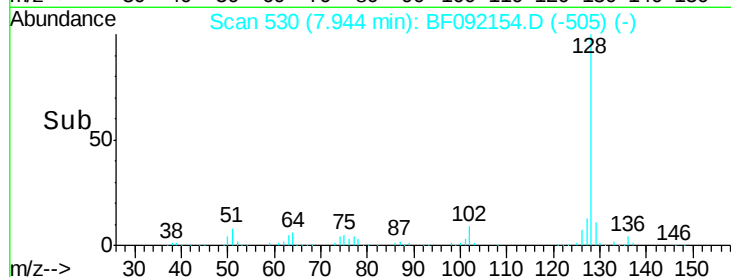
127 12.8 10.8 16.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

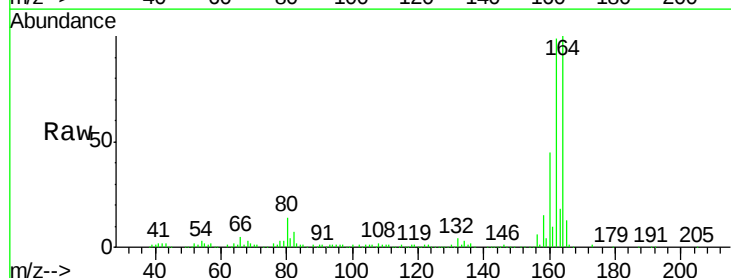
Tgt Ion:164 Resp: 252900

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

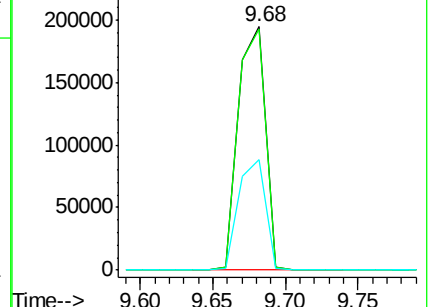
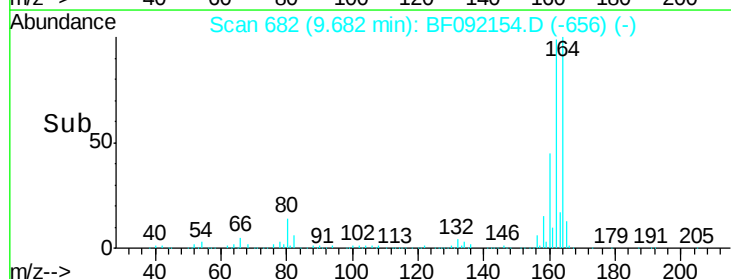
160 45.2 36.9 55.3

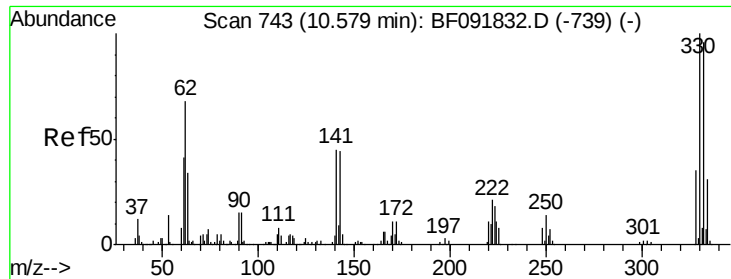


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

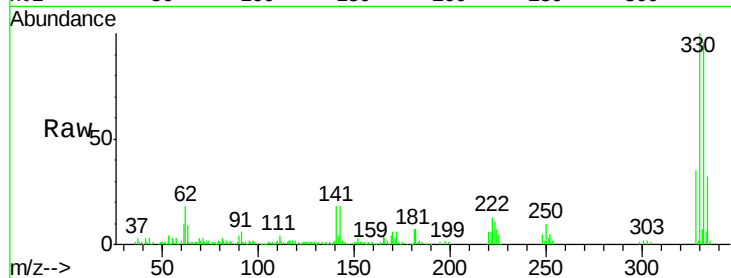




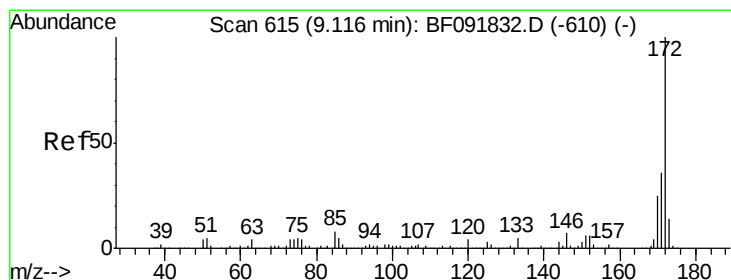
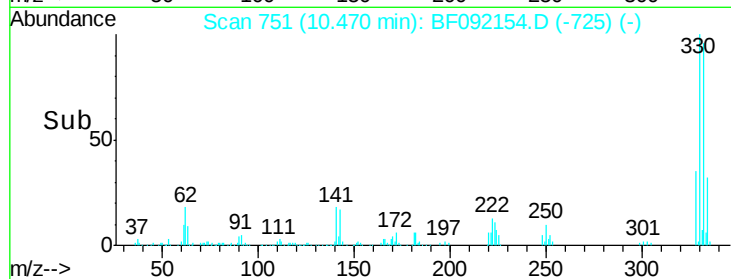
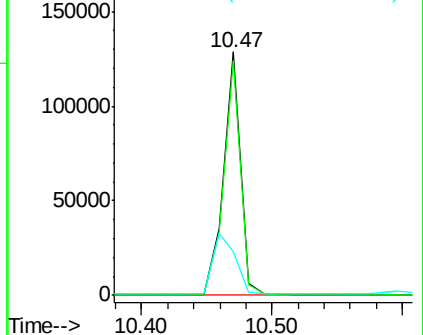
#41
 2,4,6-Tribromophenol
 Concen: 56.58 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092154.D
 Acq: 9 Jan 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP9

Tgt Ion:330 Resp: 118423
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 33.6 34.1 51.1#

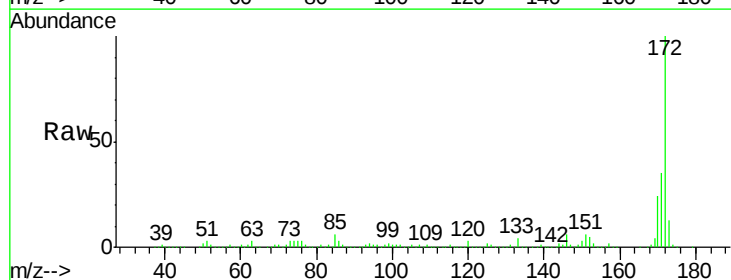


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

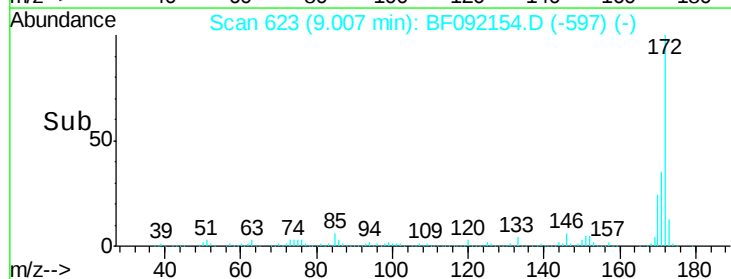
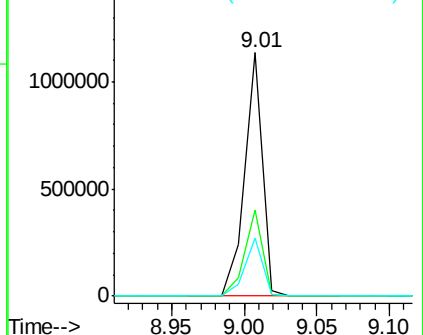


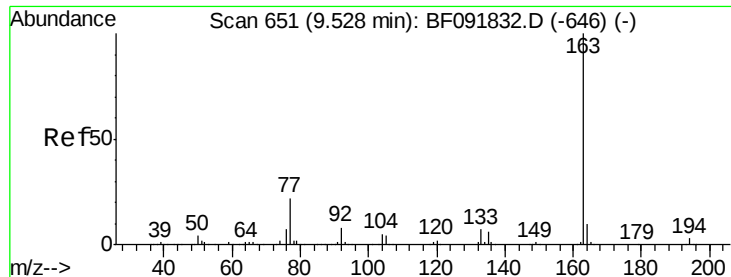
#44
 2-Fluorobiphenyl
 Concen: 77.41 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092154.D
 Acq: 9 Jan 2017 22:50

Tgt Ion:172 Resp: 969664
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.8 20.2 30.4



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

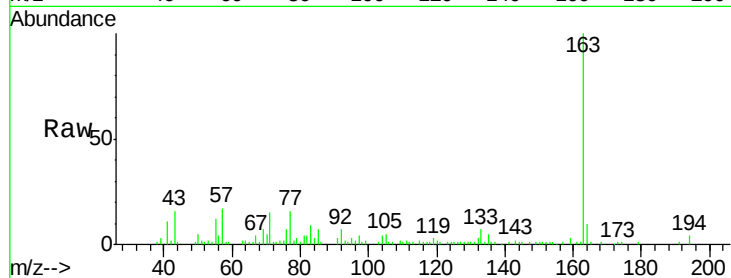




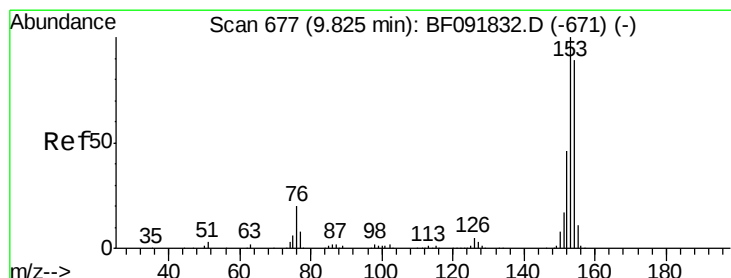
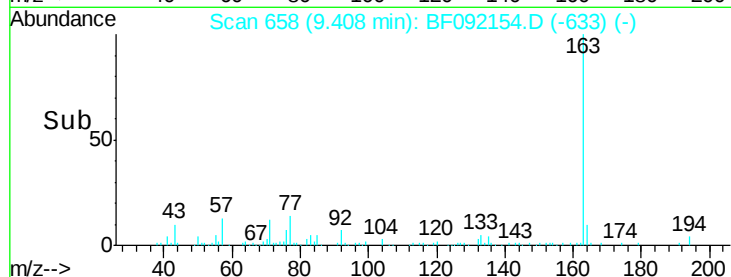
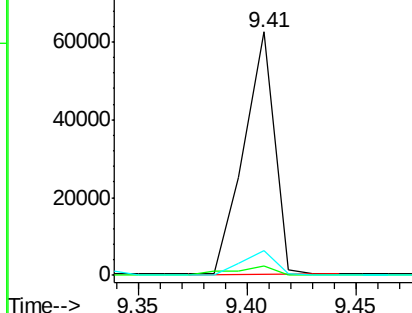
#49
Dimethylphthalate
Concen: 3.77 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

Instrument :
BNA_F
ClientSampleId :
P3-SP9

Tgt Ion:163 Resp: 60980
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 8.0 12.0

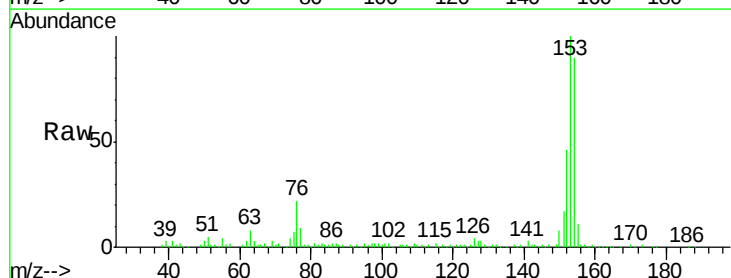


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

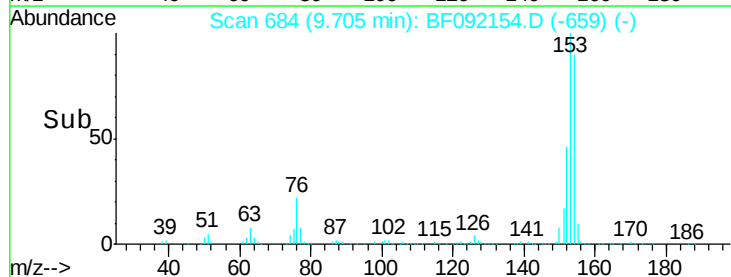
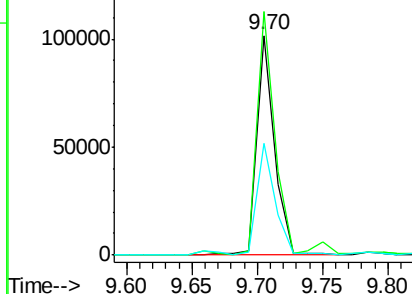


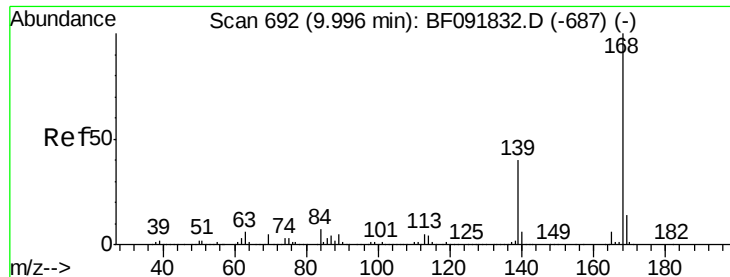
#51
Acenaphthene
Concen: 6.74 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

Tgt Ion:154 Resp: 96336
Ion Ratio Lower Upper
154 100
153 111.0 88.6 133.0
152 50.9 41.6 62.4



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

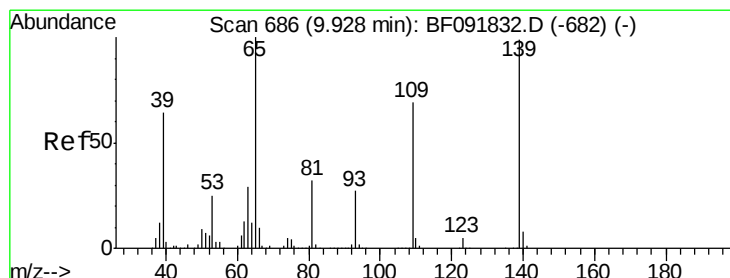
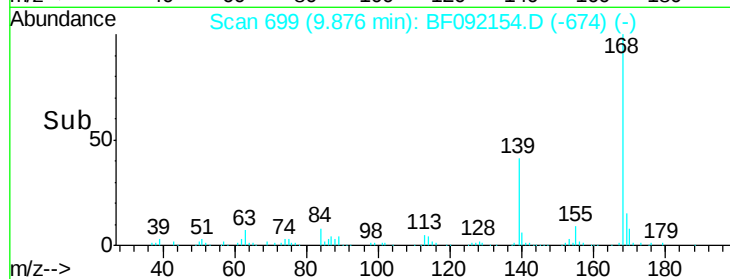
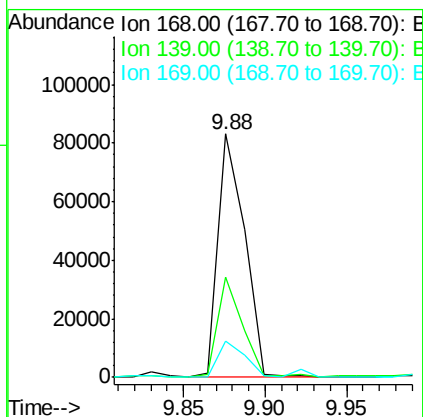
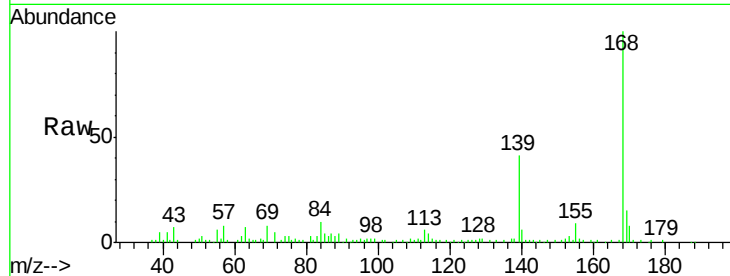




#54
Dibenzenofuran
Concen: 4.87 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

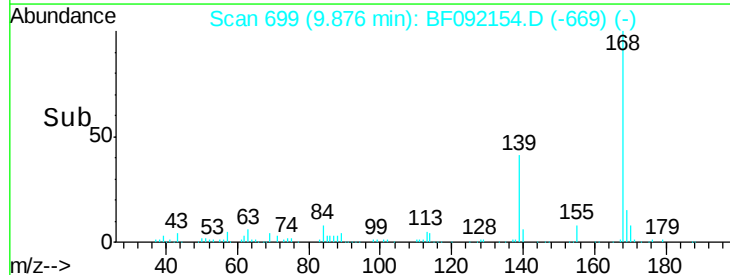
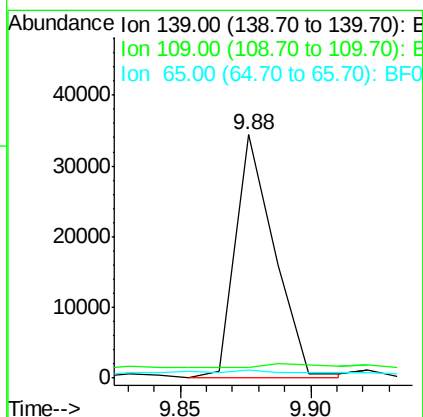
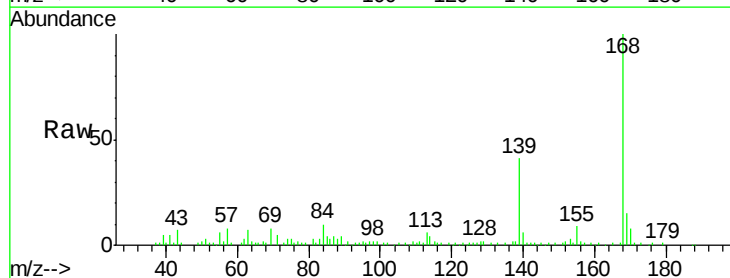
Instrument :
BNA_F
ClientSampleId :
P3-SP9

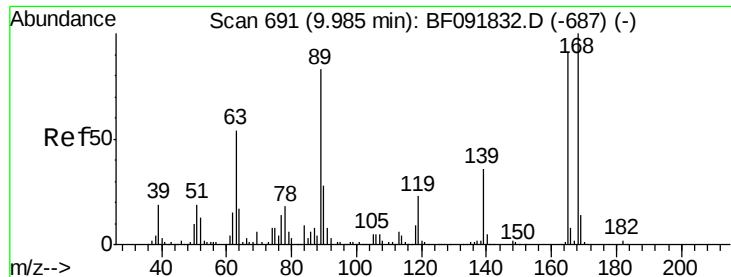
Tgt Ion:168 Resp: 93957
Ion Ratio Lower Upper
168 100
139 41.4 32.6 49.0
169 14.6 11.3 16.9



#55
4-Nitrophenol
Concen: 12.11 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.05 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

Tgt Ion:139 Resp: 36017
Ion Ratio Lower Upper
139 100
109 4.6 52.2 92.2#
65 3.5 85.8 125.8#

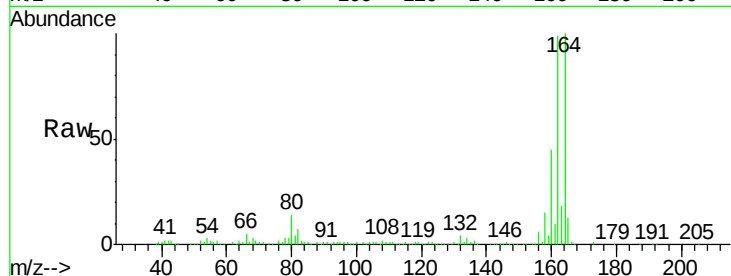




#56
2,4-Dinitrotoluene
Concen: 7.93 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

Instrument :
BNA_F
ClientSampleId :
P3-SP9

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#

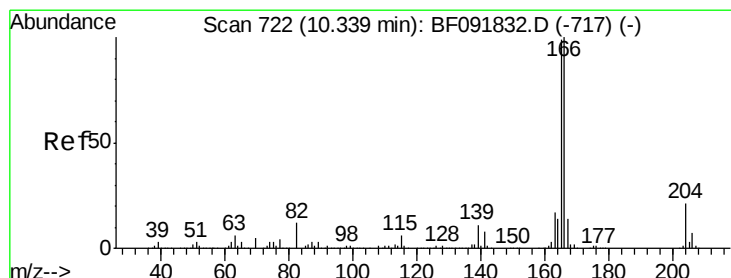
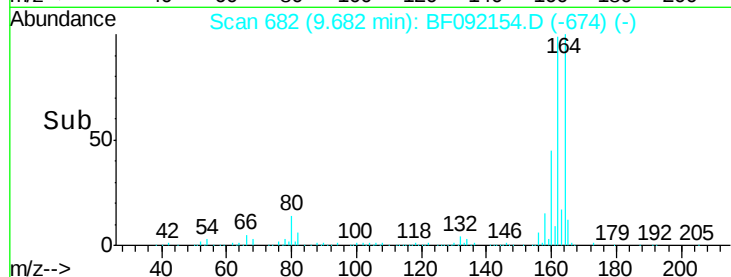
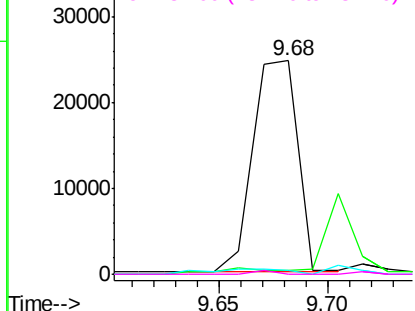


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

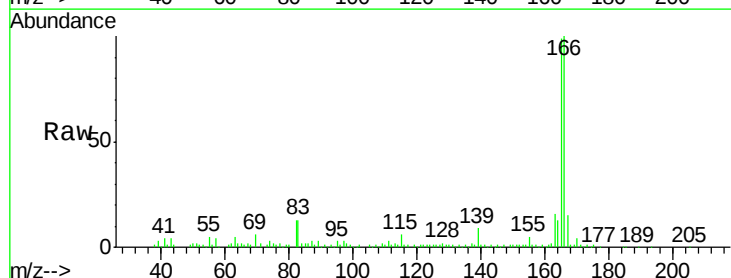
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 6.84 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

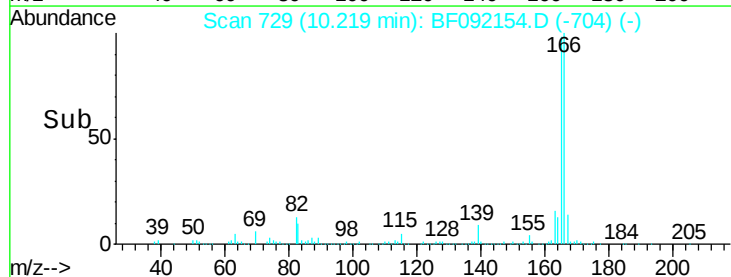
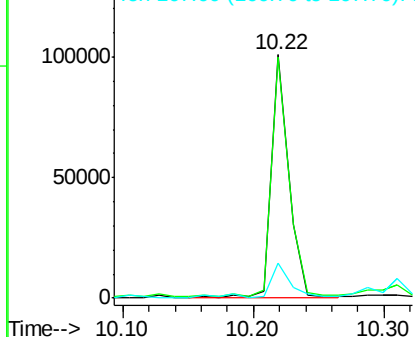
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.8
167	14.5	10.8	16.2

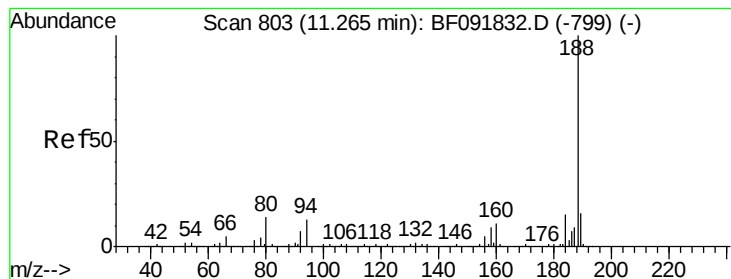


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampleId :

P3-SP9

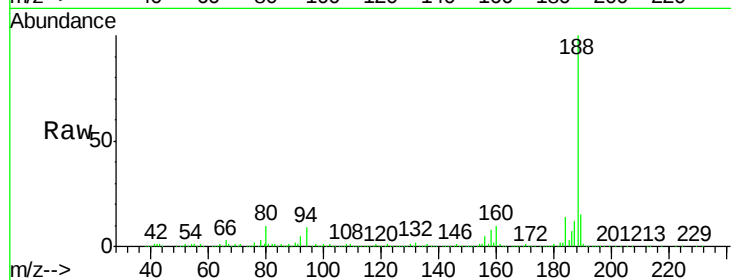
Tgt Ion:188 Resp: 426656

Ion Ratio Lower Upper

188 100

94 9.0 10.0 15.0#

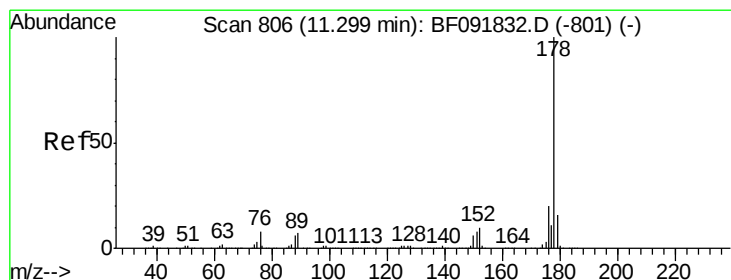
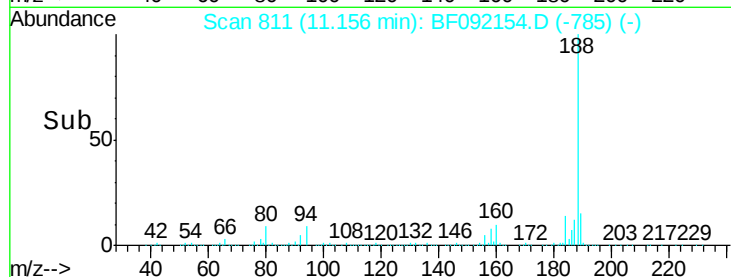
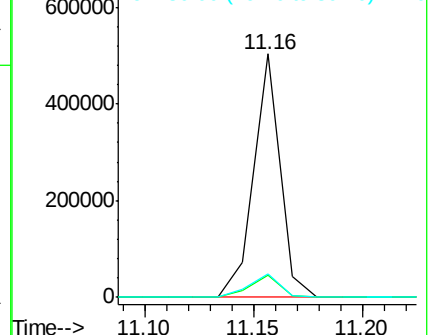
80 9.6 11.2 16.8#



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



#70

Phenanthrene

Concen: 19.49 ng

RT: 11.18 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

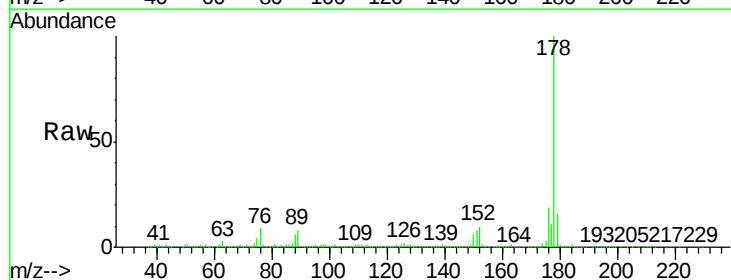
Tgt Ion:178 Resp: 450904

Ion Ratio Lower Upper

178 100

176 19.3 16.6 25.0

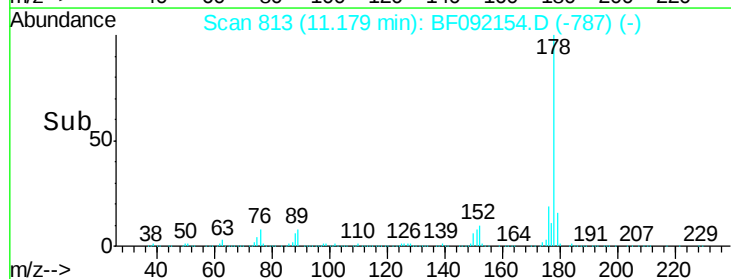
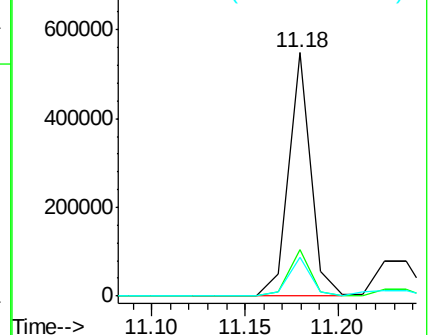
179 15.8 12.8 19.2

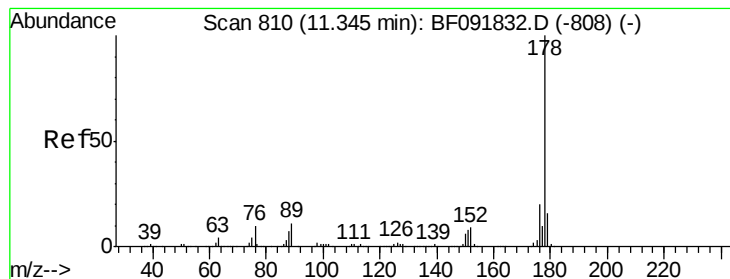


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.52 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampleId :

P3-SP9

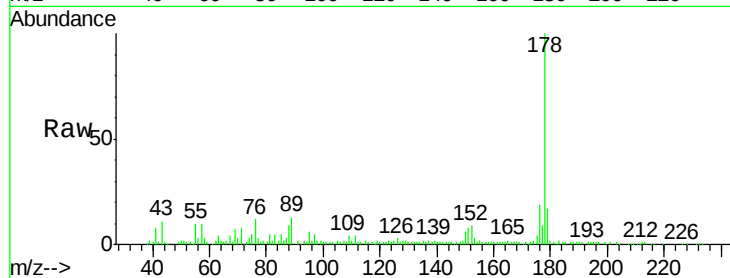
Tgt Ion:178 Resp: 107747

Ion Ratio Lower Upper

178 100

176 18.6 15.9 23.9

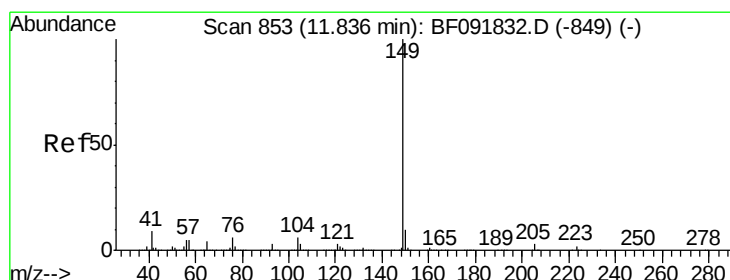
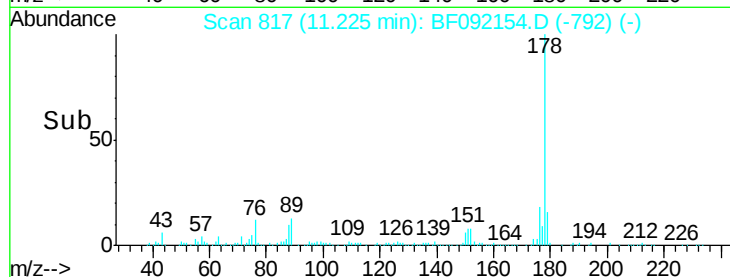
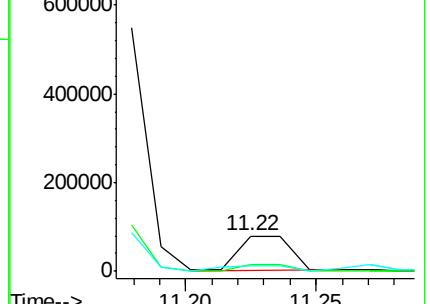
179 16.9 13.2 19.8



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: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

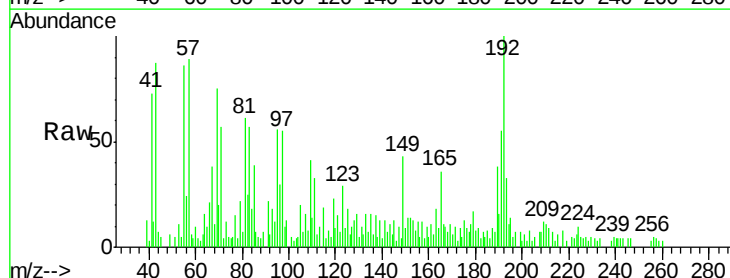
Tgt Ion:149 Resp: 3480

Ion Ratio Lower Upper

149 100

150 21.3 8.1 12.1#

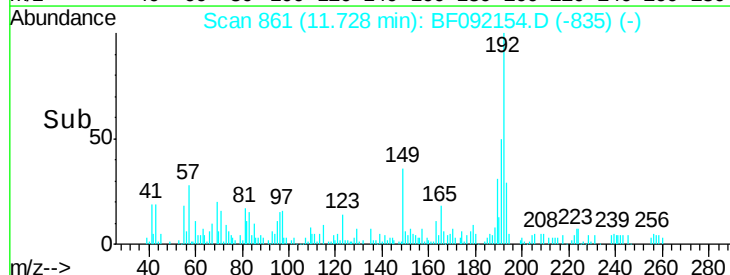
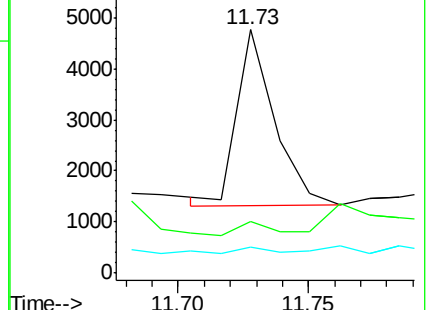
104 10.8 4.6 7.0#

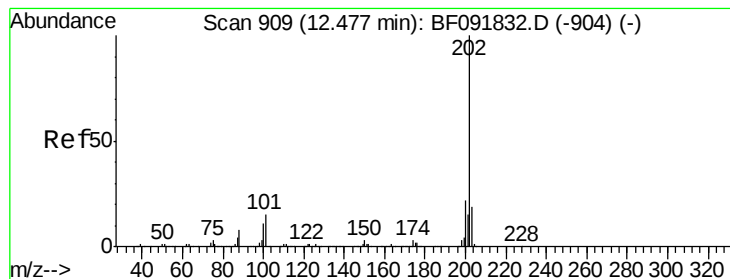


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 17.59 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampleId :

P3-SP9

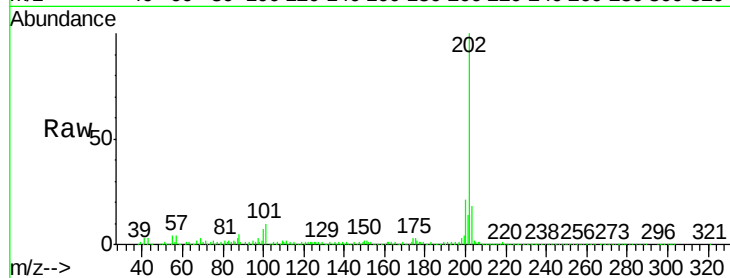
Tgt Ion:202 Resp: 404324

Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.6

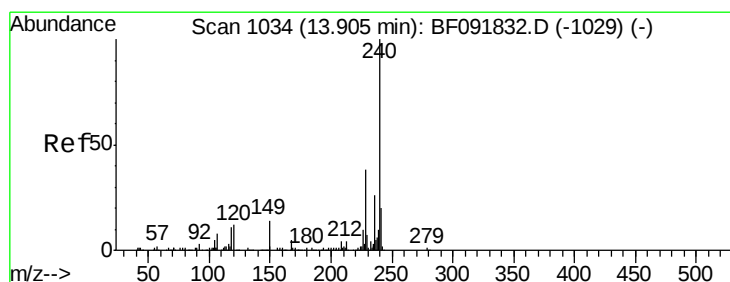
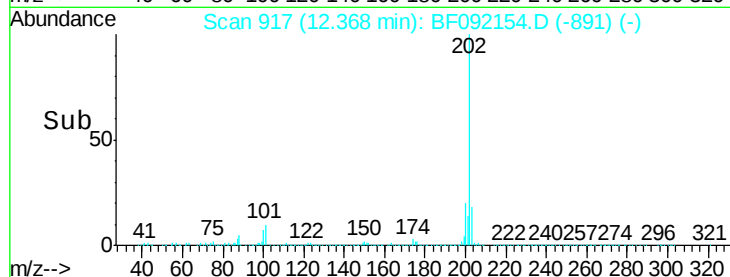
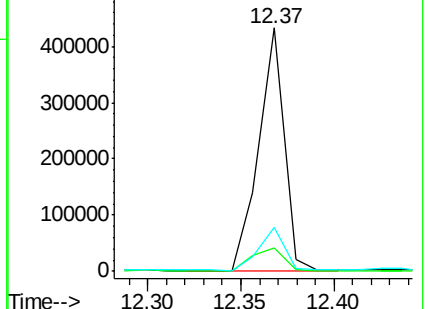
203 18.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

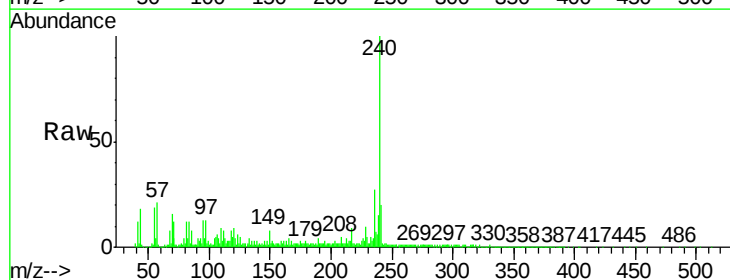
Tgt Ion:240 Resp: 277922

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

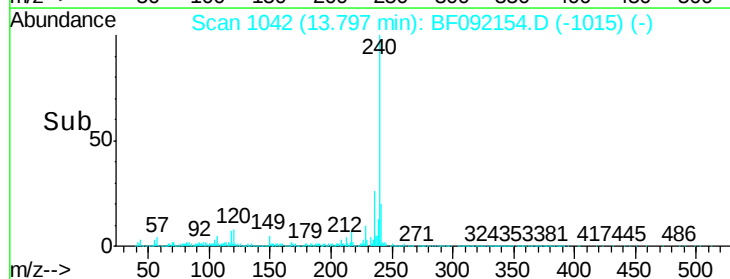
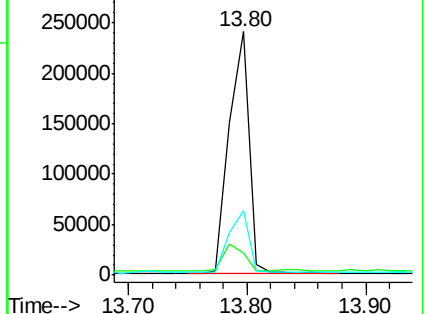
236 26.6 20.9 31.3

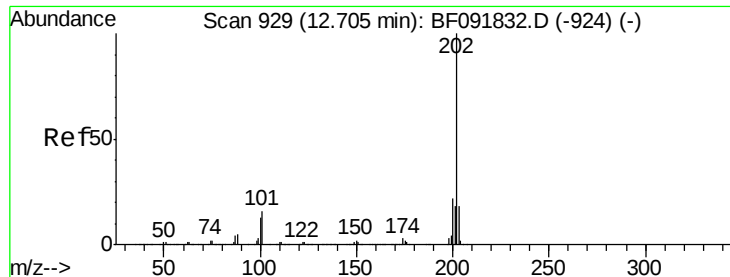


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

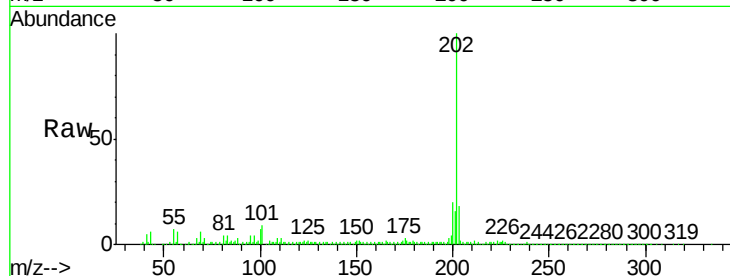




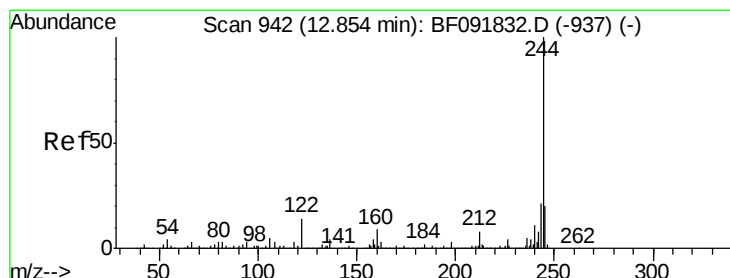
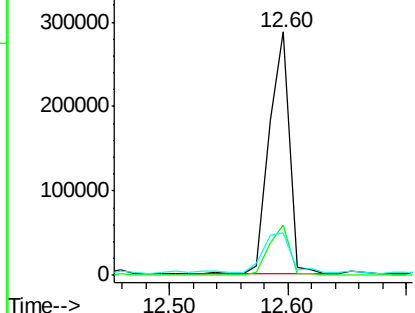
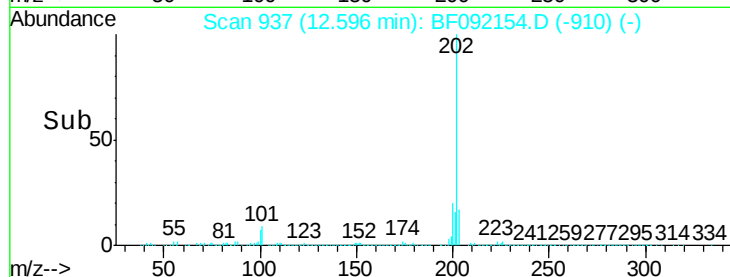
#77
 Pyrene
 Concen: 16.81 ng
 RT: 12.60 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: BF092154.D
 Acq: 9 Jan 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP9

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.7	26.5
203	17.6	14.7	22.1

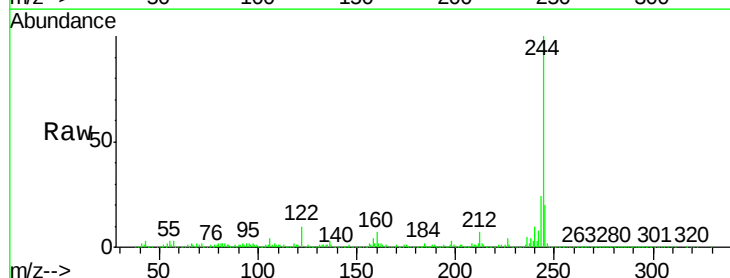


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

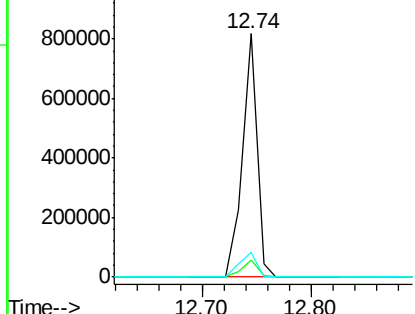
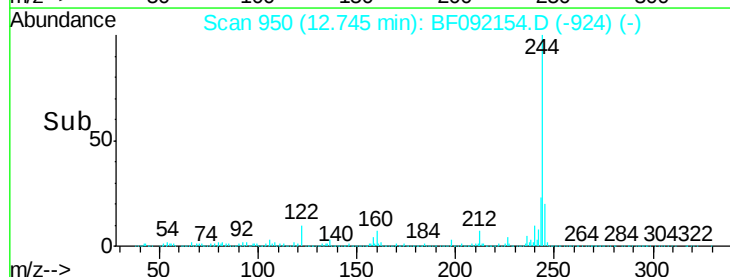


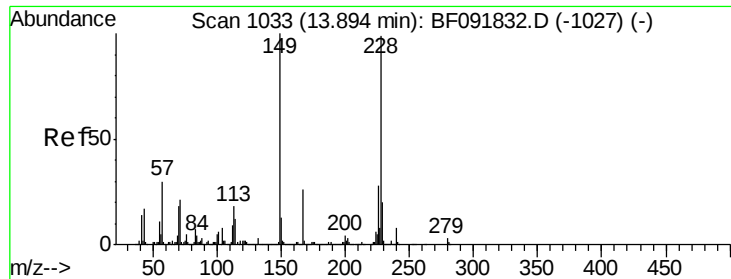
#78
 Terphenyl-d14
 Concen: 65.29 ng
 RT: 12.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092154.D
 Acq: 9 Jan 2017 22:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.3	11.4	17.2



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





#80

Benzo(a)anthracene

Concen: 8.59 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampleId :

P3-SP9

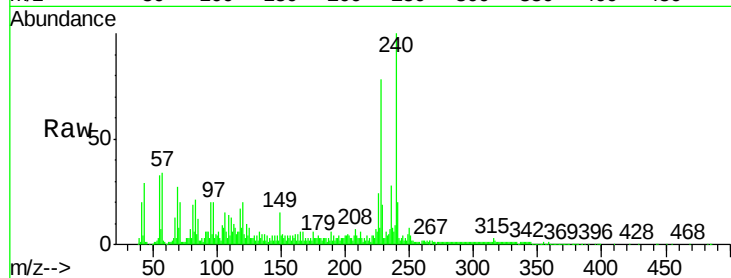
Tgt Ion:228 Resp: 134719

Ion Ratio Lower Upper

228 100

226 30.9 22.4 33.6

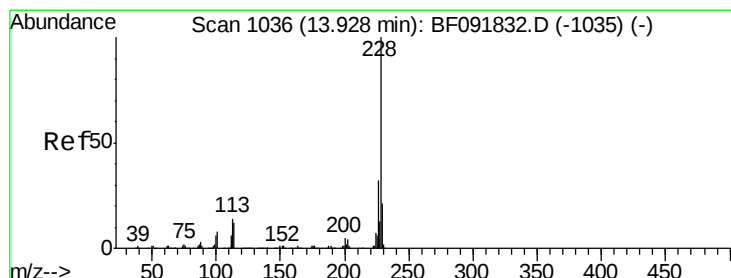
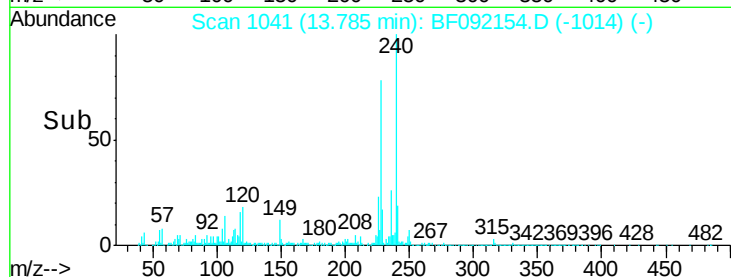
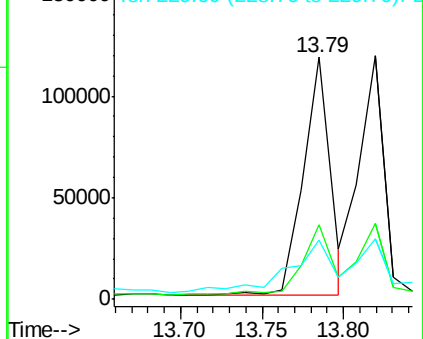
229 24.4 16.2 24.4#



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: 8.58 ng

RT: 13.79 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

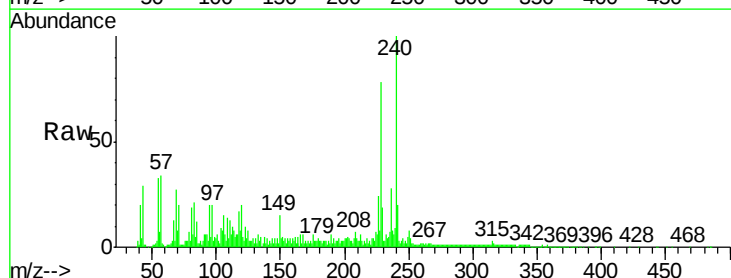
Tgt Ion:228 Resp: 135052

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

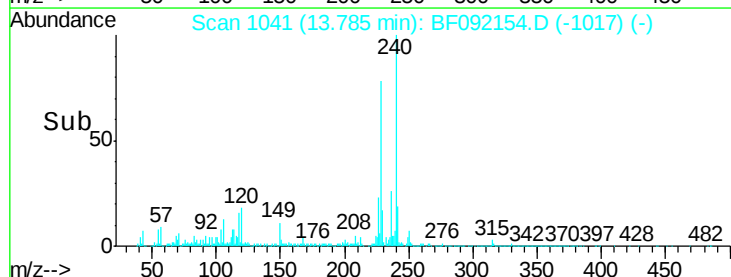
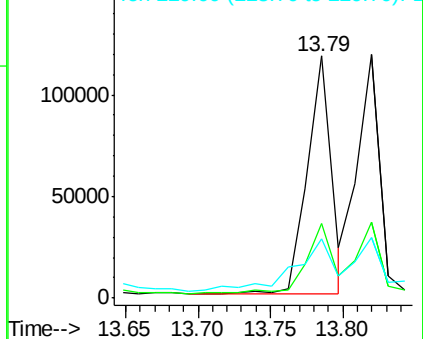
229 24.4 16.2 24.2#

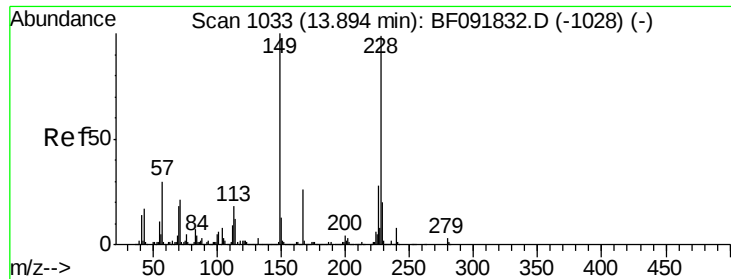


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

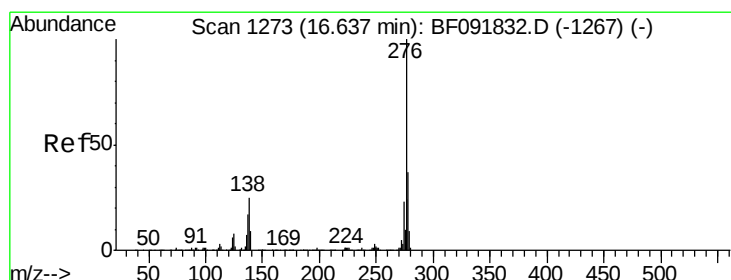
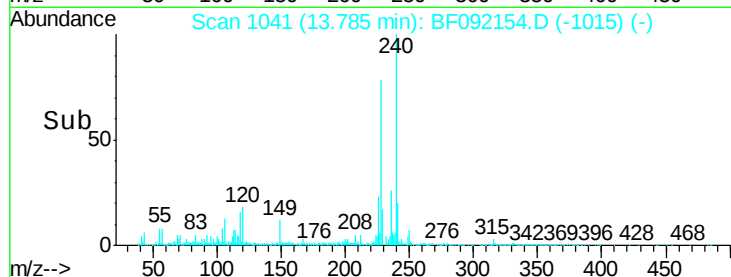
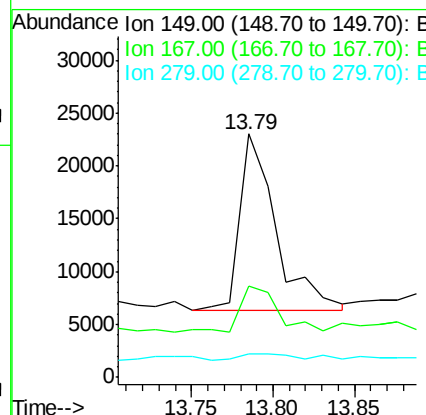
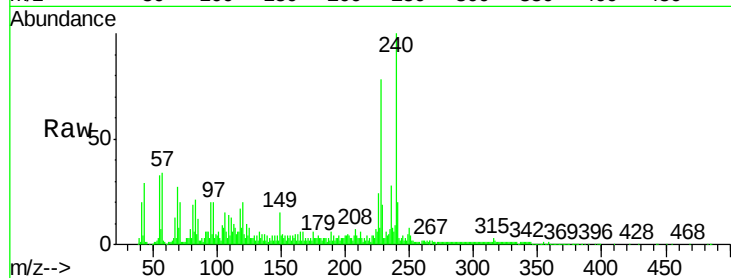




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.34 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092154.D
 Acq: 9 Jan 2017 22:50

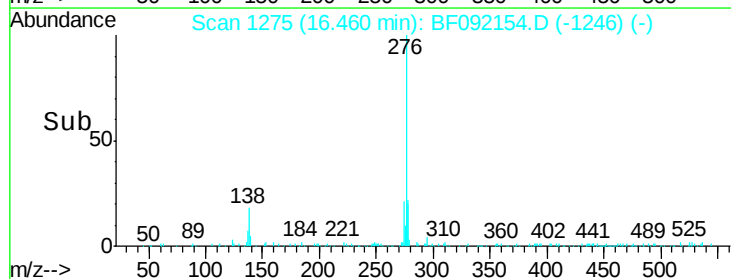
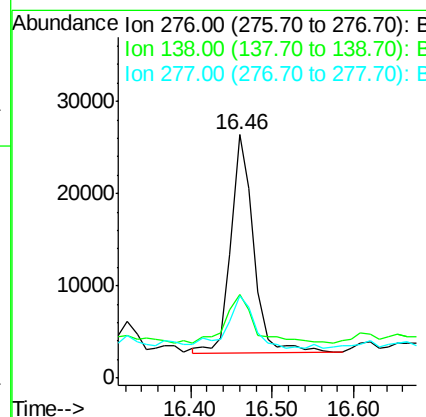
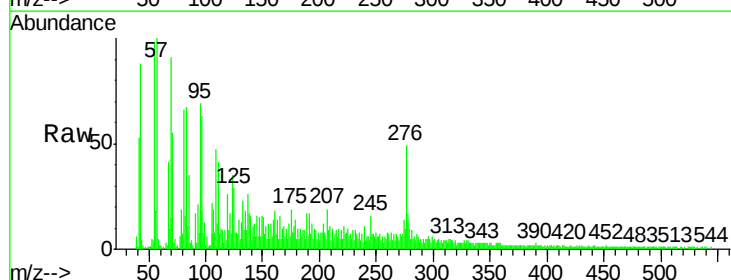
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP9

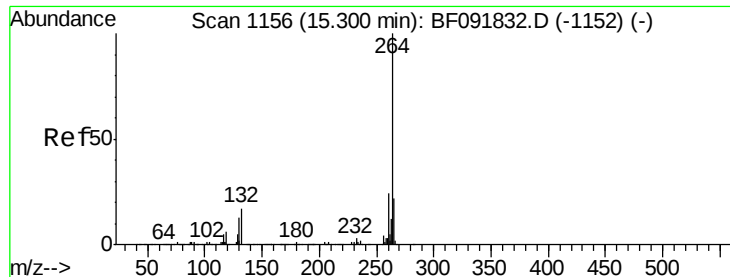
Tgt Ion:149 Resp: 25571
 Ion Ratio Lower Upper
 149 100
 167 37.5 20.2 30.4#
 279 9.6 1.8 2.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.32 ng
 RT: 16.46 min Scan# 1275
 Delta R.T. 0.03 min
 Lab File: BF092154.D
 Acq: 9 Jan 2017 22:50

Tgt Ion:276 Resp: 45302
 Ion Ratio Lower Upper
 276 100
 138 29.1 21.8 32.6
 277 28.7 20.2 30.4

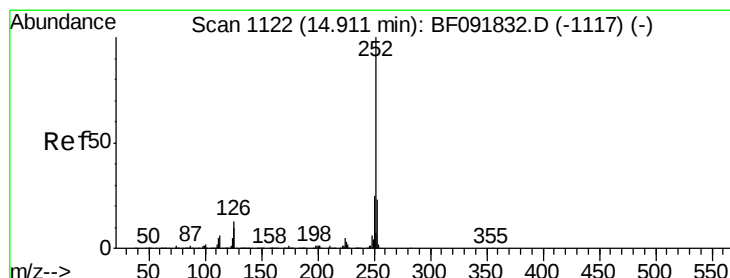
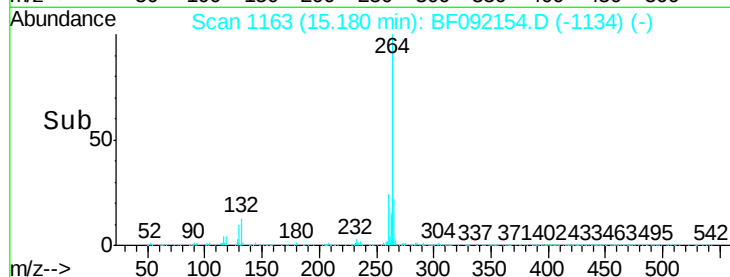
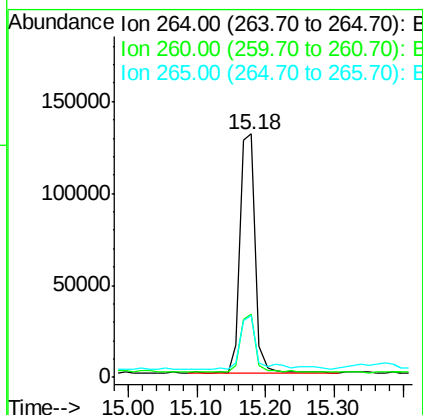
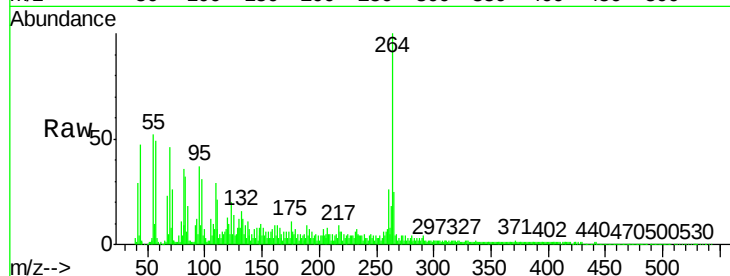




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

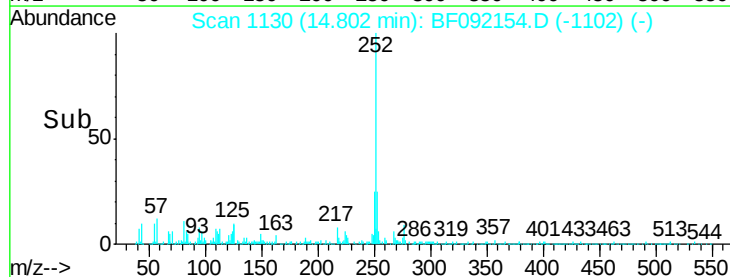
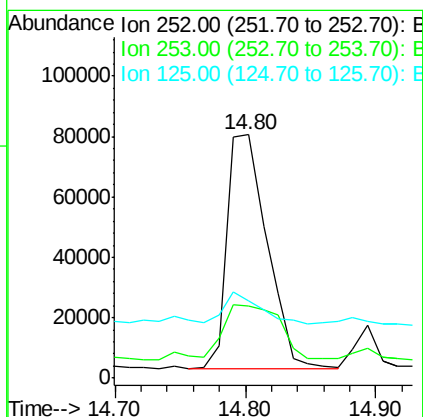
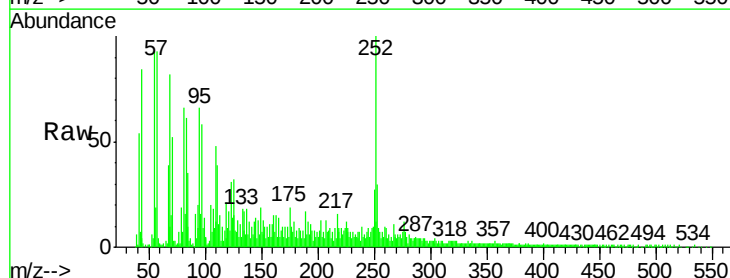
Instrument :
BNA_F
ClientSampleId :
P3-SP9

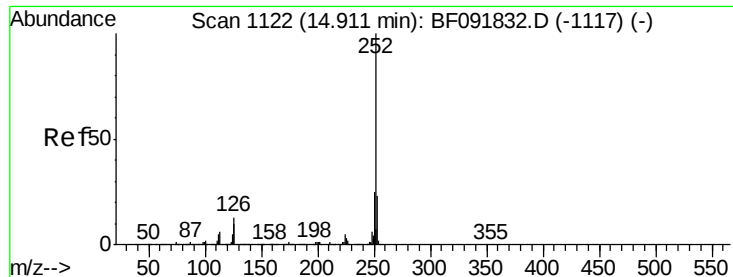
Tgt Ion:264 Resp: 205124
Ion Ratio Lower Upper
264 100
260 26.0 19.2 28.8
265 25.3 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 12.95 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

Tgt Ion:252 Resp: 165361
Ion Ratio Lower Upper
252 100
253 29.6 18.2 27.4#
125 31.6 9.8 14.6#

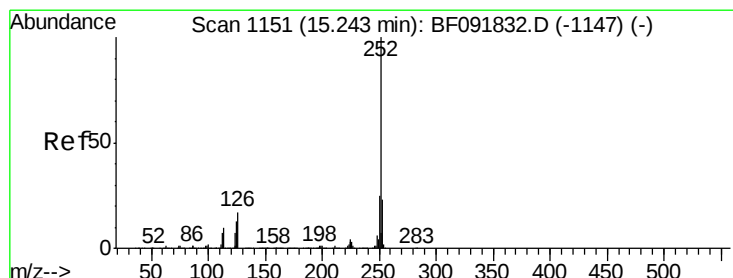
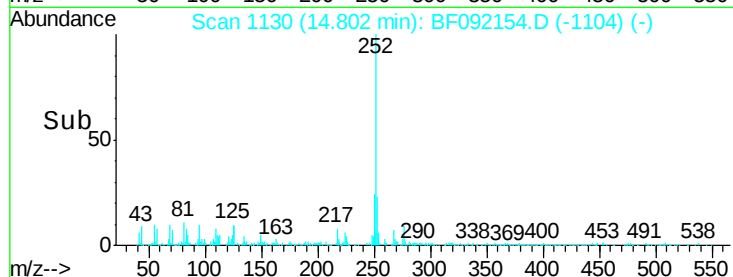
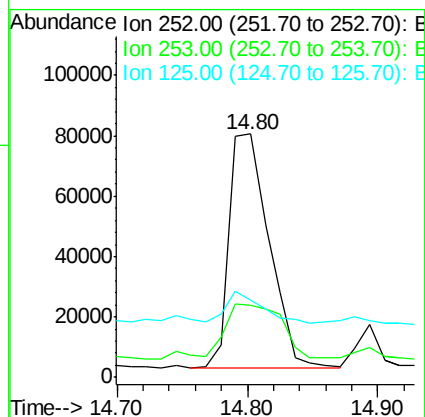
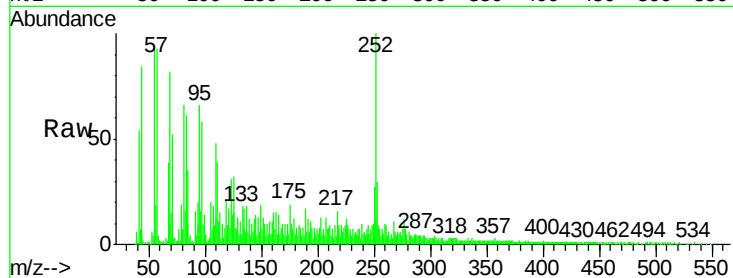




#88
Benzo(k)fluoranthene
Concen: 15.18 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

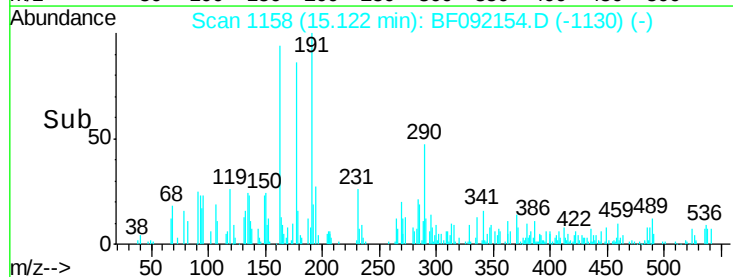
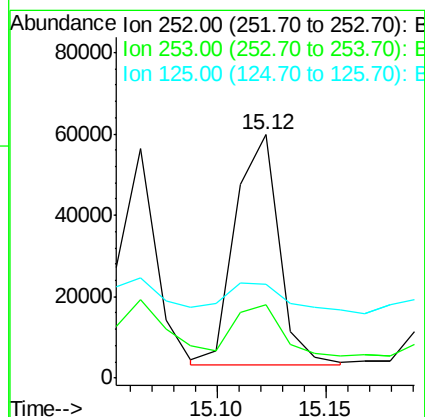
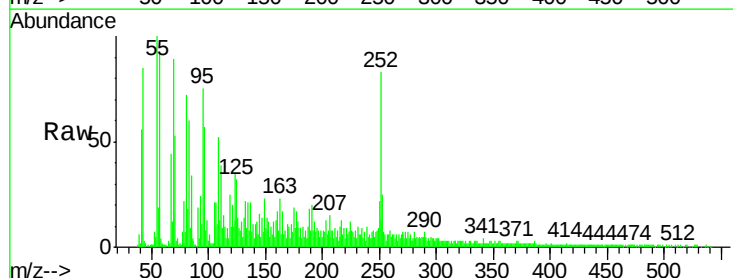
Instrument :
BNA_F
ClientSampleId :
P3-SP9

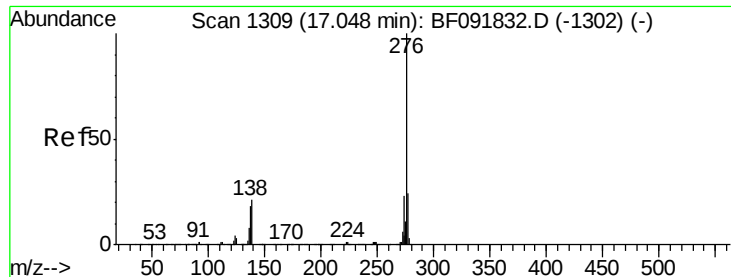
Tgt Ion:252 Resp: 165361
Ion Ratio Lower Upper
252 100
253 29.6 18.5 27.7#
125 31.6 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 6.94 ng
RT: 15.12 min Scan# 1158
Delta R.T. 0.02 min
Lab File: BF092154.D
Acq: 9 Jan 2017 22:50

Tgt Ion:252 Resp: 78639
Ion Ratio Lower Upper
252 100
253 30.0 18.2 27.2#
125 38.7 10.0 15.0#





#91

Benzo(g,h,i)perylene

Concen: 4.93 ng

RT: 16.85 min Scan# 1309

Delta R.T. 0.05 min

Lab File: BF092154.D

Acq: 9 Jan 2017 22:50

Instrument :

BNA_F

ClientSampleId :

P3-SP9

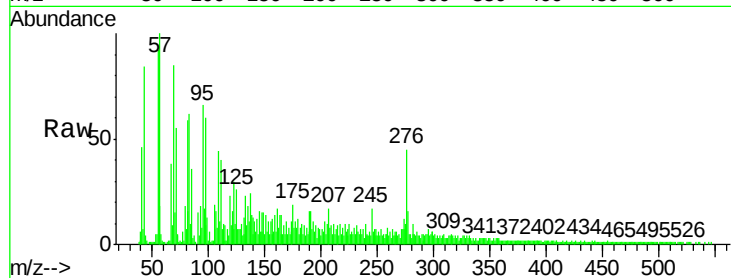
Tgt Ion: 276 Resp: 47725

Ion Ratio Lower Upper

276 100

277 35.5 19.2 28.8#

138 31.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

