

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092828.D
 Acq On : 7 Feb 2017 14:49
 Operator : SJ/MA
 Sample : I1704-03DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 07 15:24:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139771	20.00	ng	-0.07
21) Naphthalene-d8	8.19	136	616109	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	284795	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	416058	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	324956	20.00	ng	-0.07
86) Perylene-d12	15.53	264	309763	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	327252	40.17	ng	-0.07
7) Phenol-d6	6.54	99	799221	76.24	ng	-0.06
23) Nitrobenzene-d5	7.47	82	530482	47.95	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	27315	13.26	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	881229	56.06	ng	-0.07
78) Terphenyl-d14	13.01	244	598029	43.24	ng	-0.07

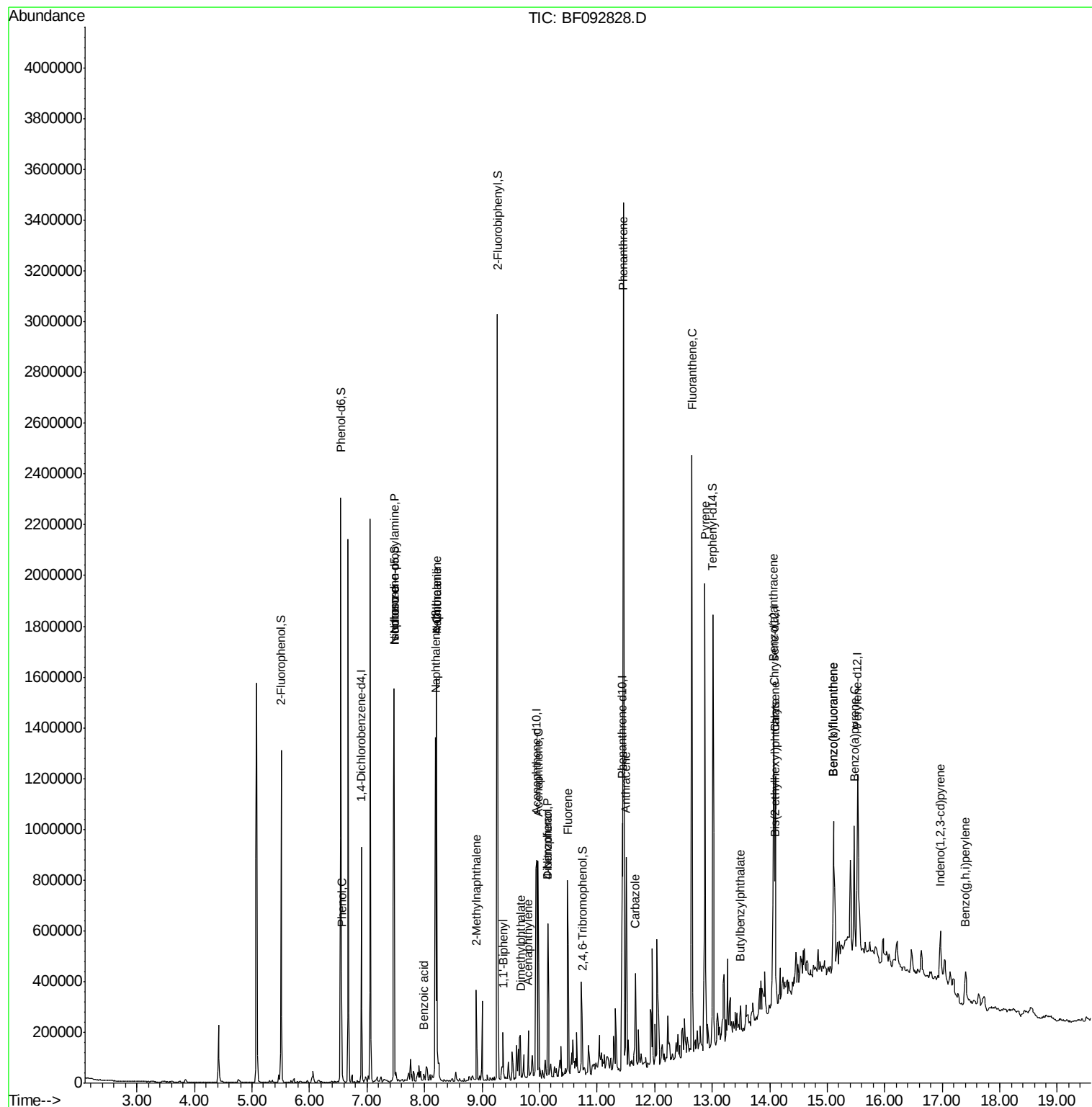
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	106695	8.70	ng	# 67
19) n-Nitroso-di-n-propylamine	7.47	70	72803	10.91	ng	# 76
25) Isophorone	7.47	82	527310	25.58	ng	# 65
31) Naphthalene	8.21	128	290966	9.32	ng	# 98
32) Benzoic acid	7.98	122	417	7.23	ng	# 18
33) 4-Chloroaniline	8.21	127	38132	3.11	ng	# 38
37) 2-Methylnaphthalene	8.90	142	103874	5.18	ng	# 98
45) 1,1'-Biphenyl	9.37	154	57558	2.79	ng	# 98
48) Acenaphthylene	9.80	152	62455	2.24	ng	# 98
49) Dimethylphthalate	9.66	163	93729	4.89	ng	# 99
51) Acenaphthene	9.97	154	222065	13.33	ng	# 96
54) Dibenzofuran	10.14	168	266282	11.95	ng	# 97
55) 4-Nitrophenol	10.14	139	94307	27.62	ng	# 6
57) Fluorene	10.49	166	284906	16.62	ng	# 97
70) Phenanthrene	11.46	178	1245995	52.27	ng	# 98
71) Anthracene	11.50	178	343810	14.36	ng	# 98
72) Carbazole	11.66	167	140969	6.16	ng	# 96
74) Fluoranthene	12.65	202	886751	36.07	ng	# 98
77) Pvrene	12.88	202	759193	31.22	ng	# 99
79) Butylbenzylphthalate	13.49	149	25436	2.58	ng	# 77
80) Benzo(a)anthracene	14.07	228	418548	21.06	ng	# 97
82) Chrysene	14.10	228	263307	14.15	ng	# 97
83) Bis(2-ethylhexyl)phthalate	14.09	149	93853	6.95	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.97	276	128166	8.89	ng	# 93
87) Benzo(b)fluoranthene	15.11	252	465315	22.82	ng	# 97
88) Benzo(k)fluoranthene	15.11	252	465315	26.43	ng	# 97
89) Benzo(a)pyrene	15.47	252	272316	15.44	ng	# 99
91) Benzo(g,h,i)perylene	17.40	276	98947	6.87	ng	# 89

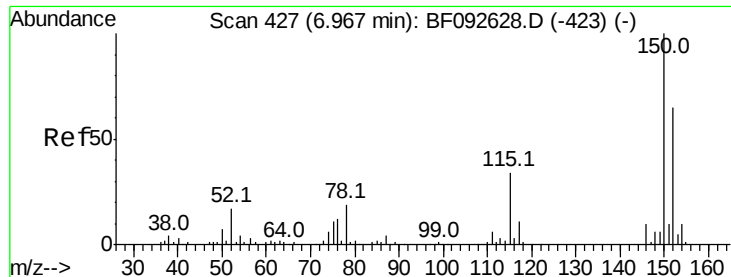
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092828.D
Acq On : 7 Feb 2017 14:49
Operator : SJ/MA
Sample : I1704-03DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 07 15:24:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :

BNA_F

ClientSampleId :

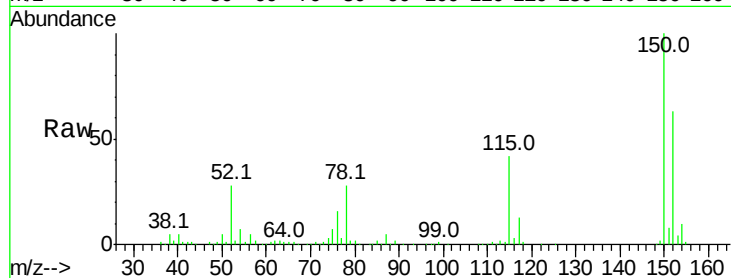
Tot Ion:152 Resp: 139771

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

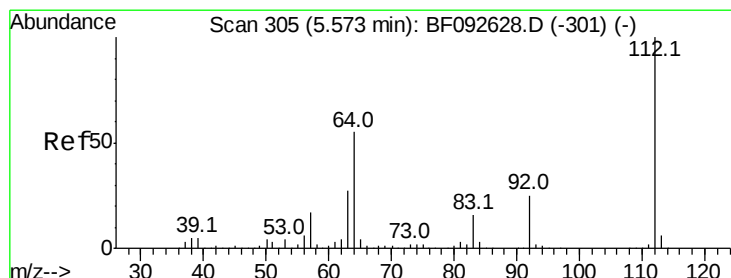
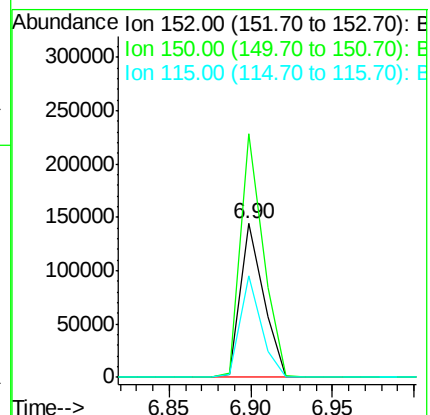
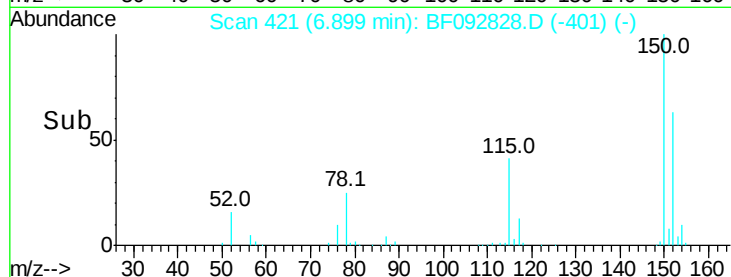
115 66.0 46.0 69.0



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: 40.17 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

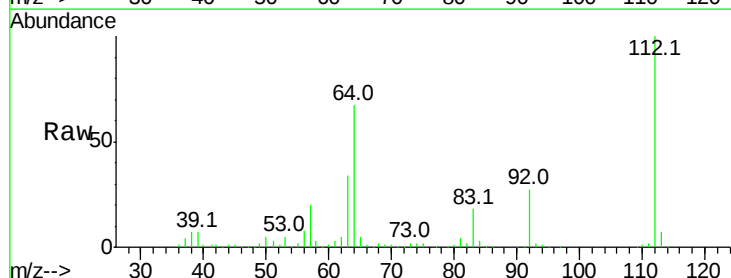
Tgt Ion:112 Resp: 327252

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

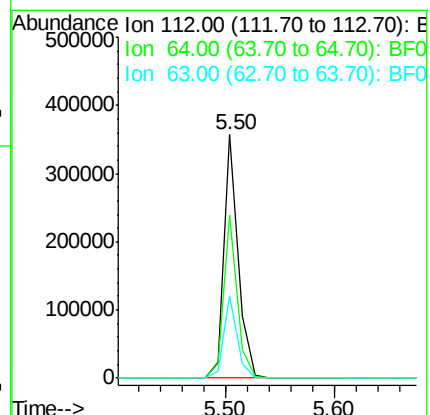
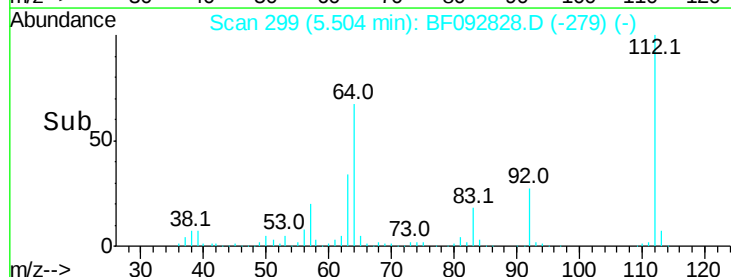
63 33.8 23.8 35.6

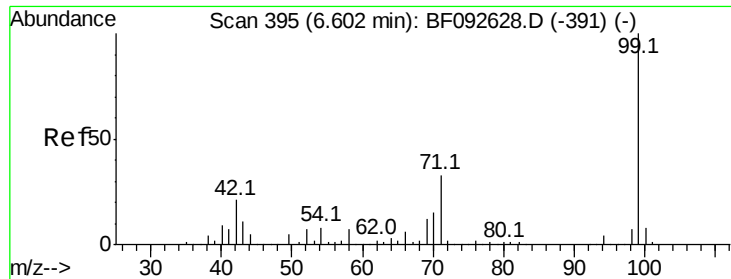


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.24 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :

BNA_F

ClientSampleId :

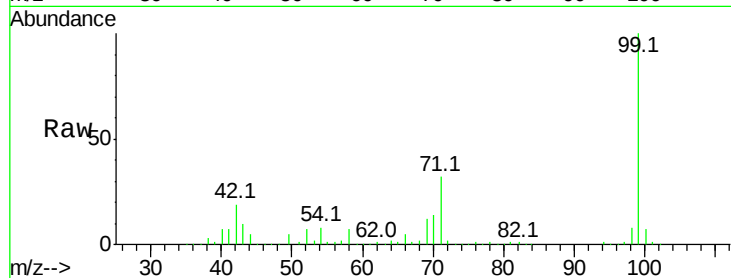
Tot Ion: 99 Resp: 799221

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

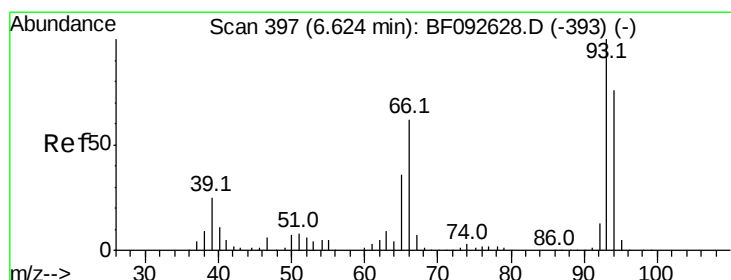
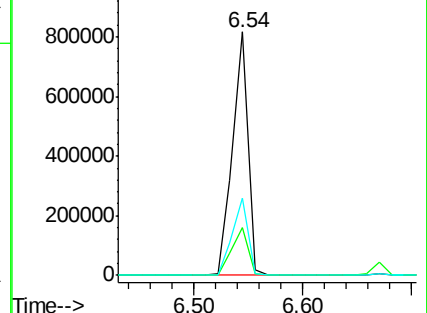
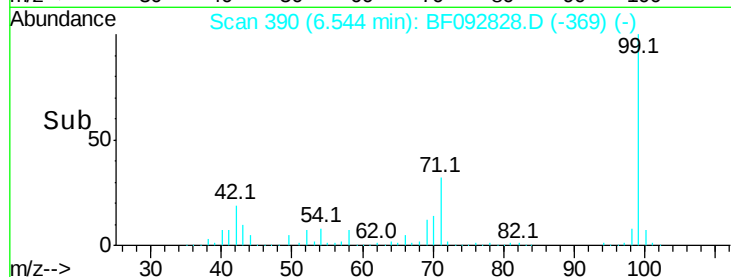
71 31.7 27.5 41.3



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: 8.70 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

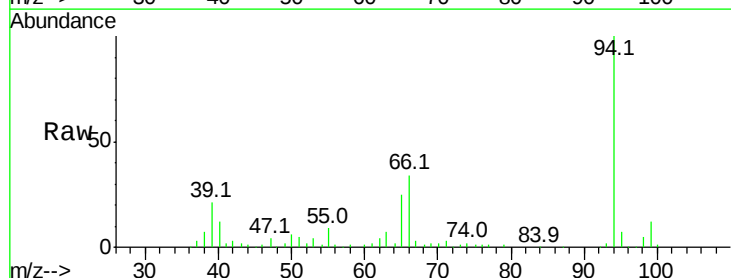
Tgt Ion: 94 Resp: 106695

Ion Ratio Lower Upper

94 100

65 25.4 21.4 61.4

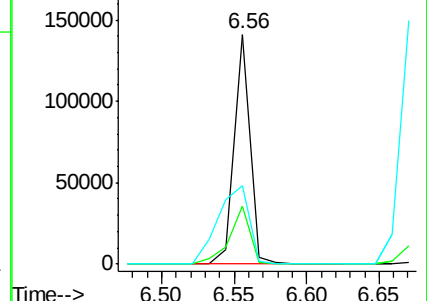
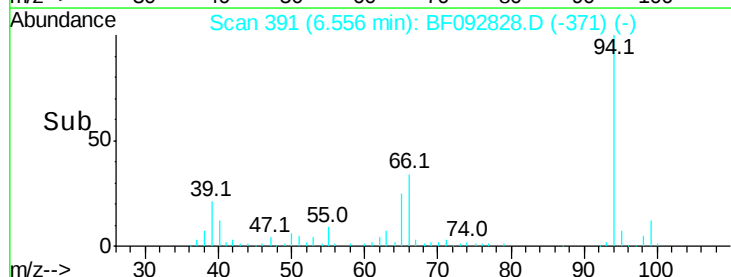
66 34.3 44.0 84.0#

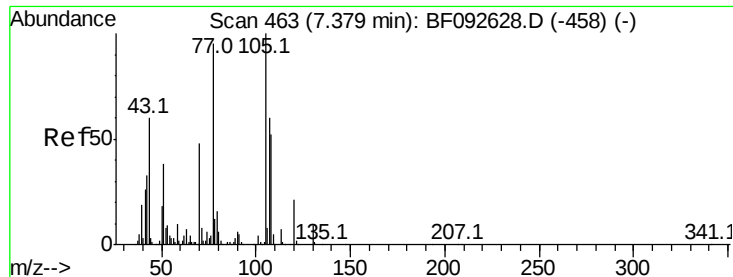


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

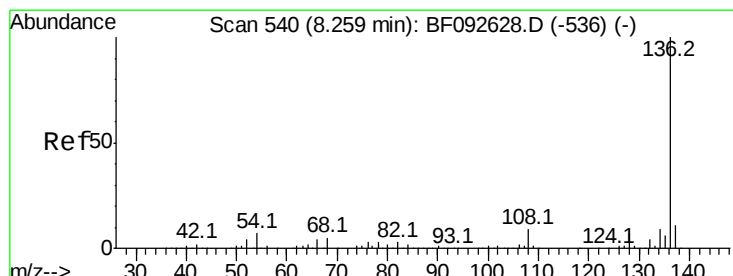
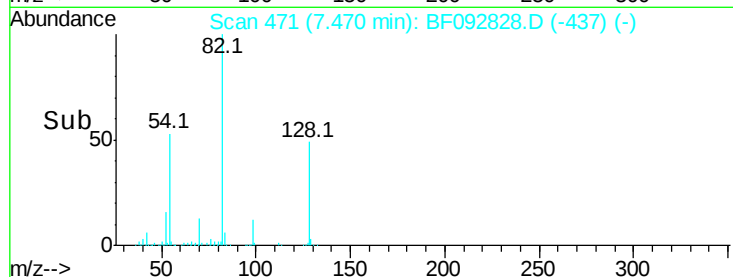
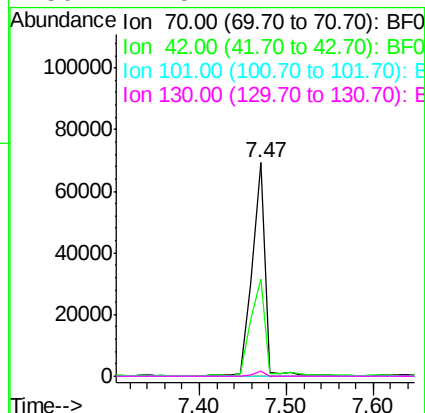
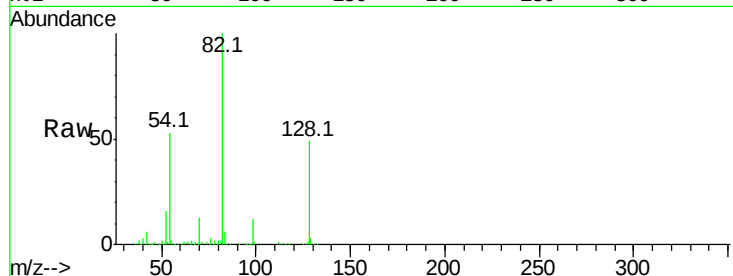




#19
n-Nitroso-di-n-propylamine
Concen: 10.91 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

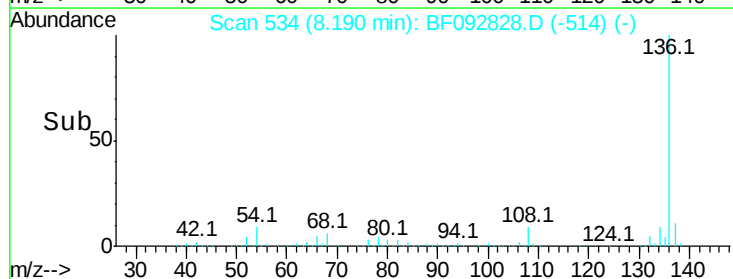
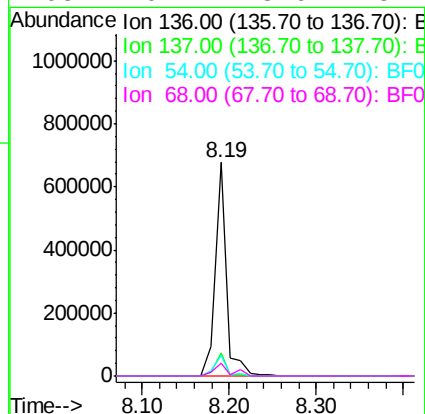
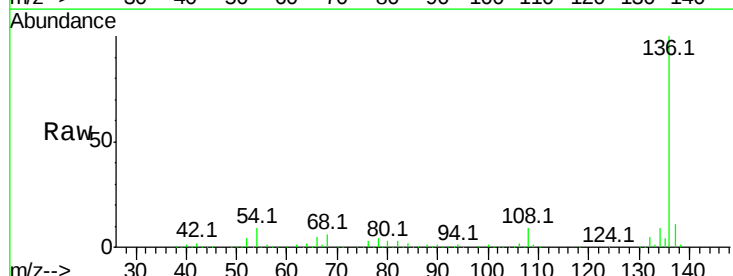
Instrument :
BNA_F
ClientSampleId :

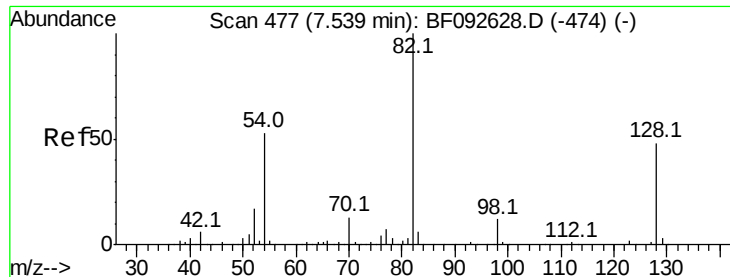
Tot Ion: 70 Resp: 72803
Ion Ratio Lower Upper
70 100
42 45.7 49.4 74.0#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

Tgt Ion:136 Resp: 616109
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.4 4.5 6.7#
68 6.2 3.6 5.4#

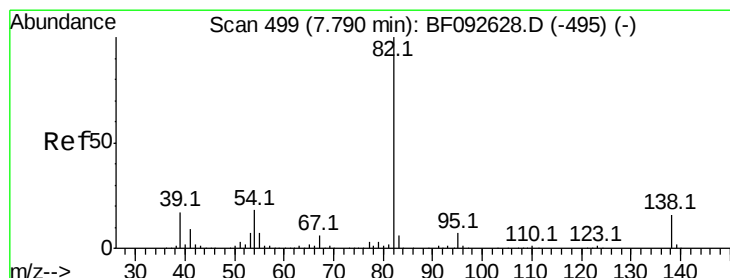
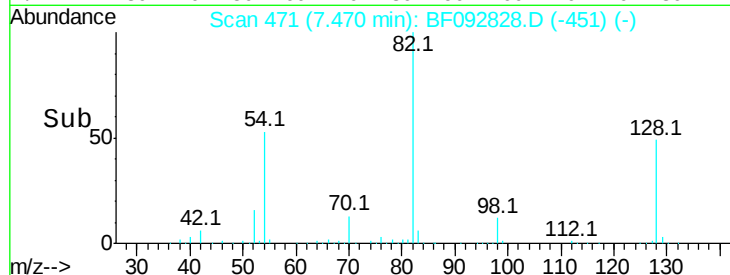
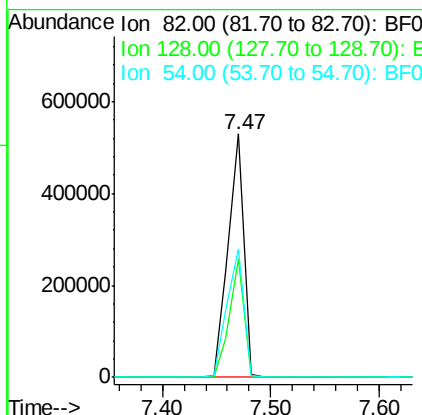
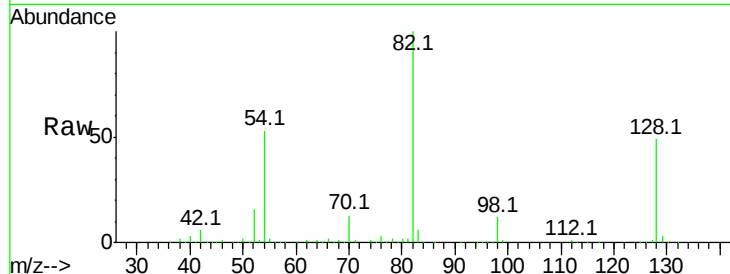




#23
 Nitrobenzene-d5
 Concen: 47.95 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

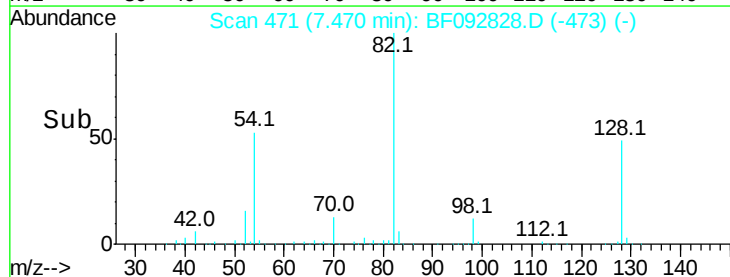
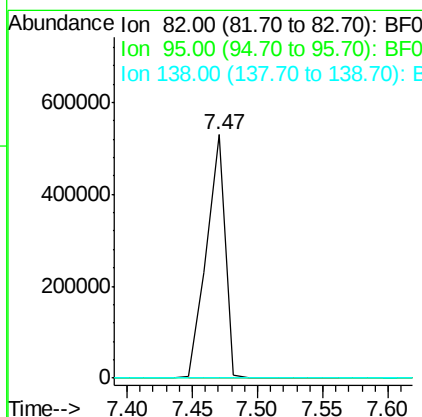
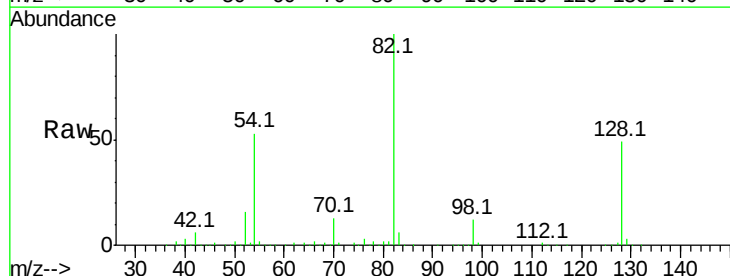
Instrument :
 BNA_F
 ClientSampled :

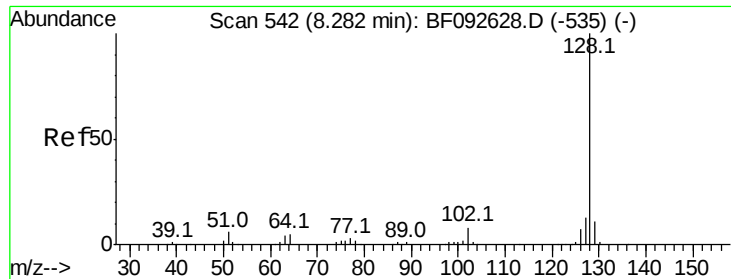
Tot Ion	82	Resp	530482
Ion Ratio	Lower	Upper	
82	100		
128	48.7	34.6	52.0
54	52.8	39.5	59.3



#25
 Isophorone
 Concen: 25.58 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.32 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

Tgt Ion	82	Resp	527310
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#

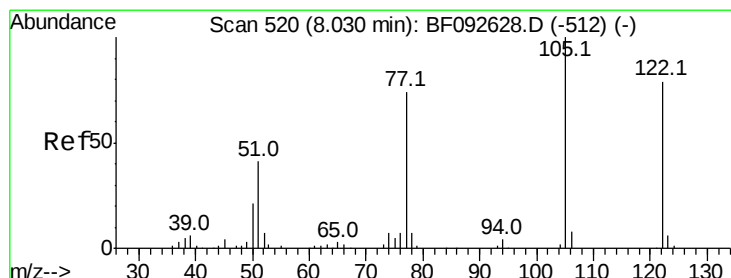
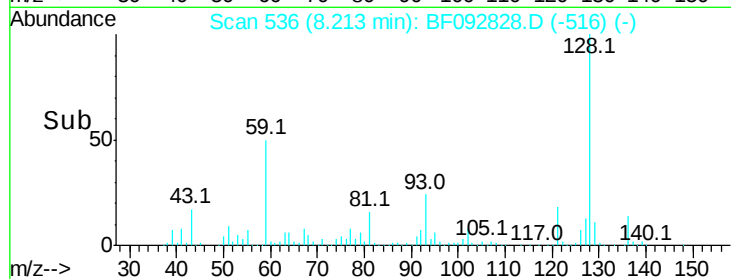
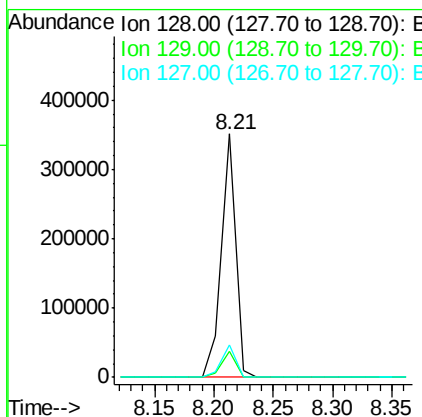
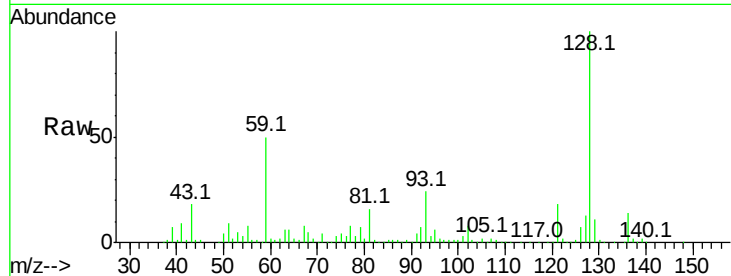




#31
Naphthalene
Concen: 9.32 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

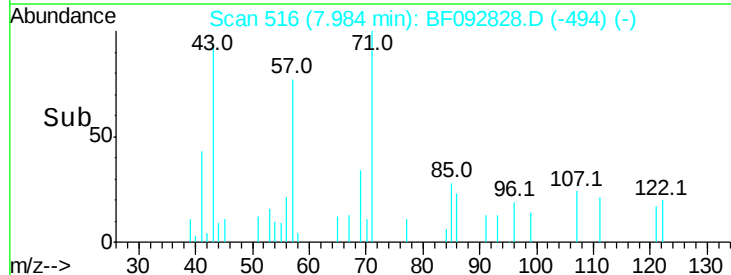
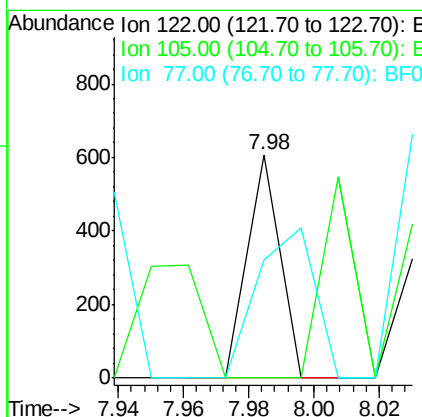
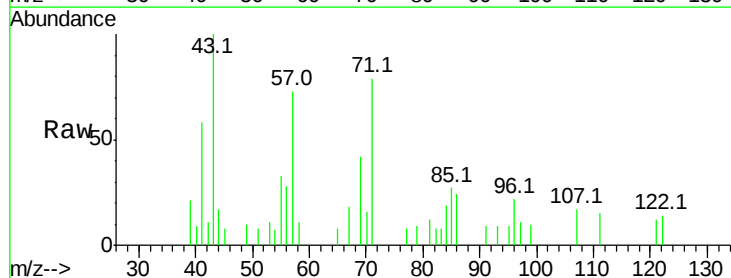
Instrument :
BNA_F
ClientSampled :

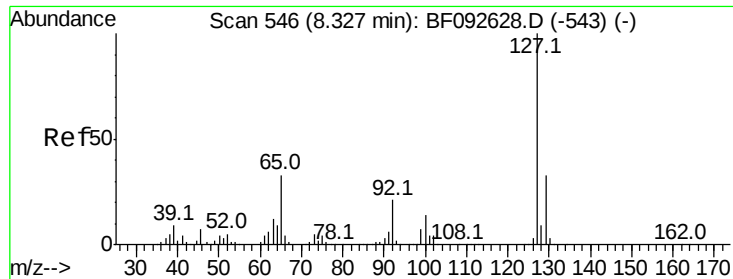
Tot Ion:128 Resp: 290966
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 7.23 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

Tgt Ion:122 Resp: 417
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 53.0 74.5 114.5#

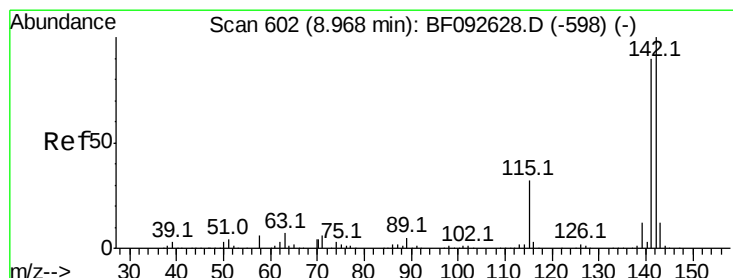
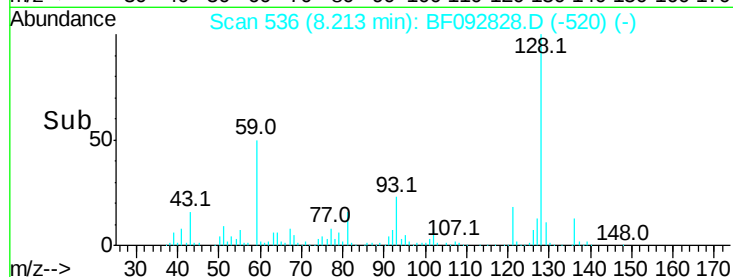
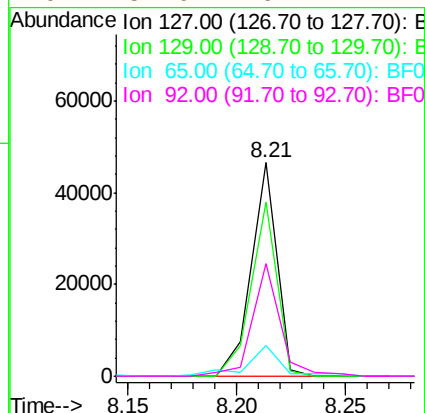
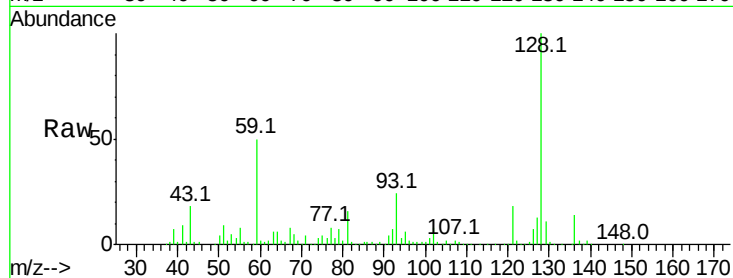




#33
4-Chloroaniline
Concen: 3.11 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.11 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

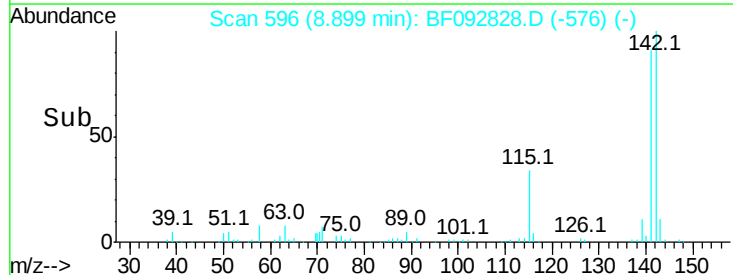
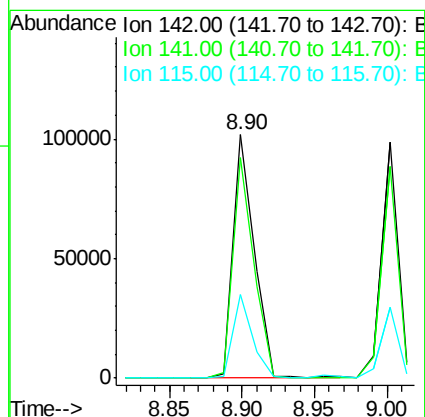
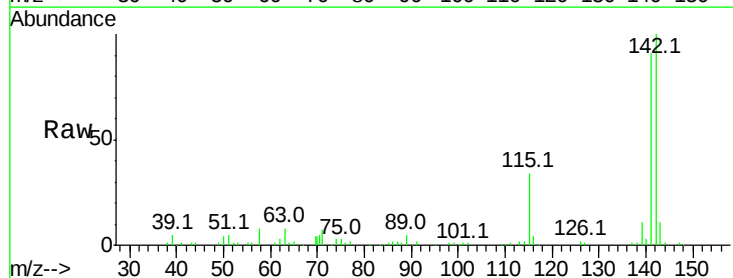
Instrument :
BNA_F
ClientSampleId :

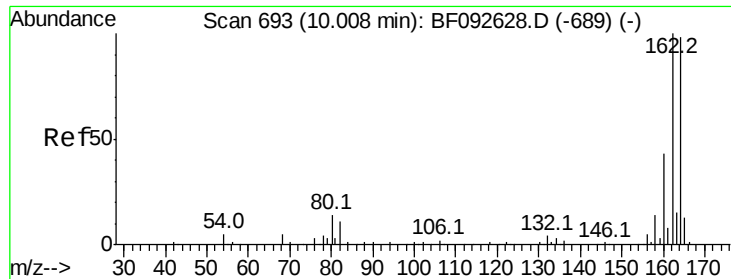
Tot Ion:127 Resp: 38132
Ion Ratio Lower Upper
127 100
129 81.3 26.3 39.5#
65 14.7 25.8 38.8#
92 52.9 16.1 24.1#



#37
2-Methylnaphthalene
Concen: 5.18 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.07 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

Tgt Ion:142 Resp: 103874
Ion Ratio Lower Upper
142 100
141 90.6 71.0 106.6
115 34.5 28.3 42.5

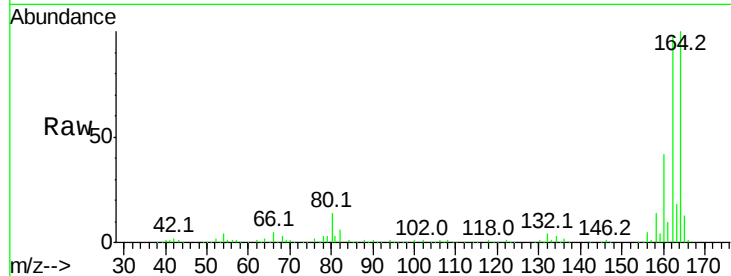




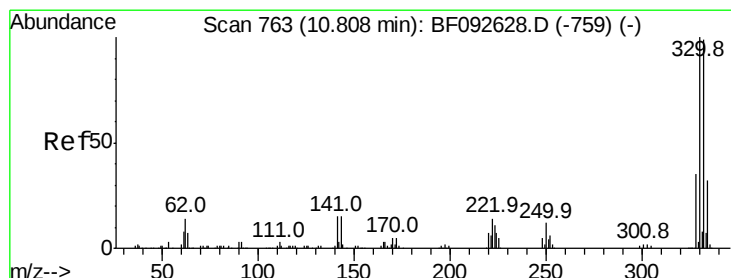
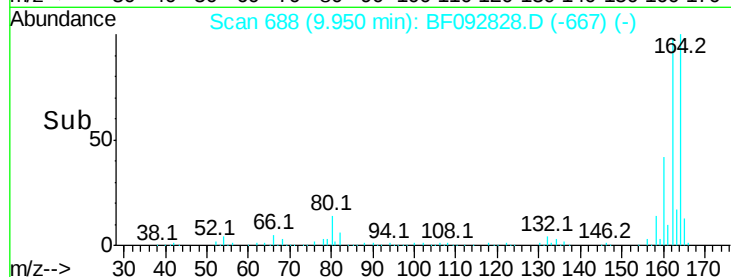
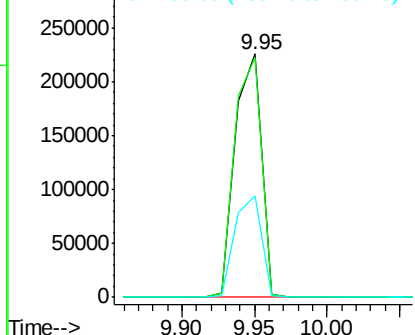
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 284795
Ion Ratio Lower Upper
164 100
162 98.3 80.2 120.2
160 41.8 36.9 55.3

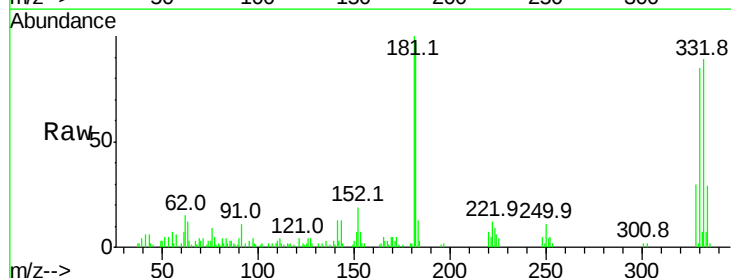


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

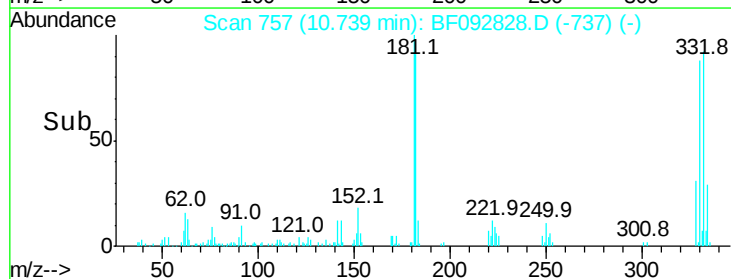
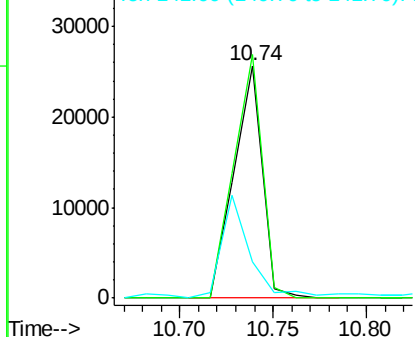


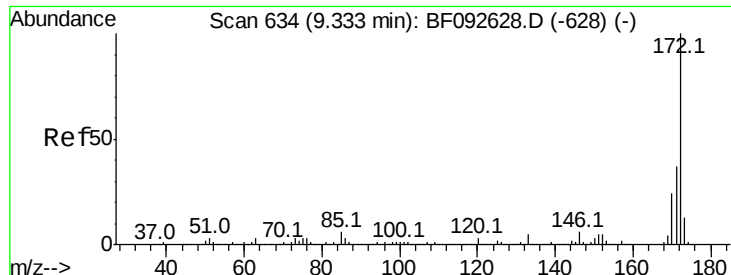
#41
2,4,6-Tribromophenol
Concen: 13.26 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.07 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

Tgt Ion:330 Resp: 27315
Ion Ratio Lower Upper
330 100
332 104.8 77.4 116.2
141 43.6 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

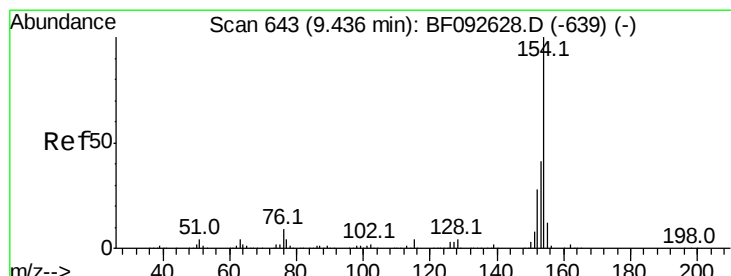
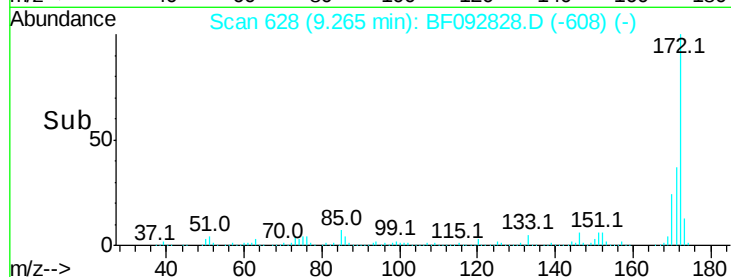
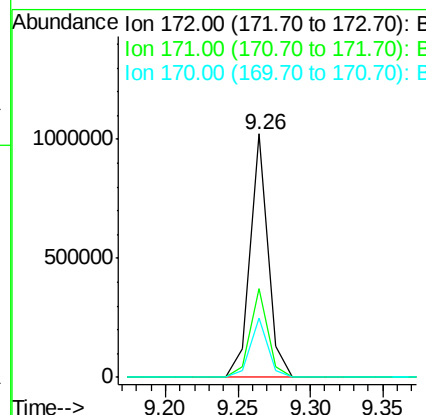
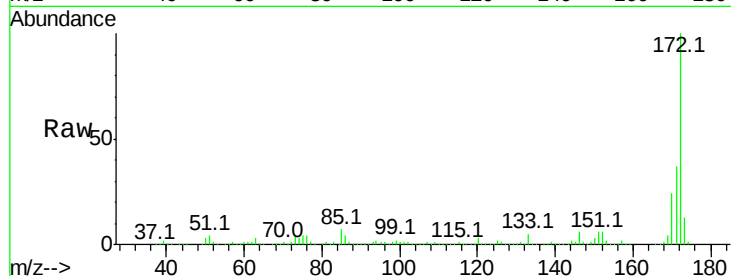




#44
 2-Fluorobiphenyl
 Concen: 56.06 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

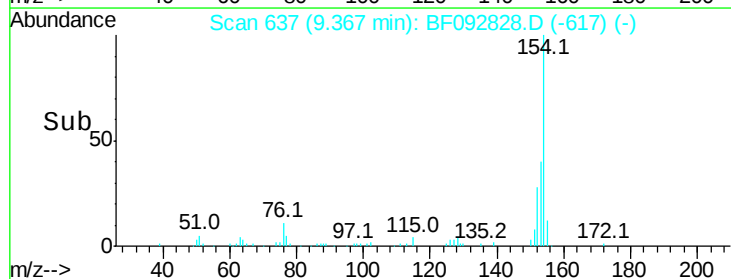
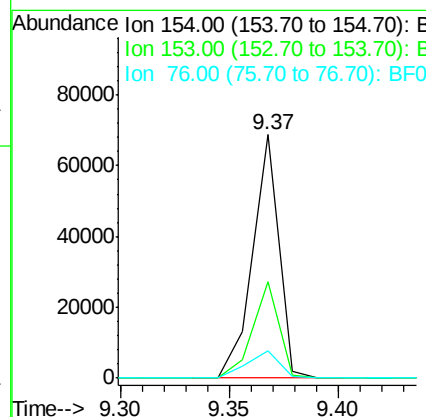
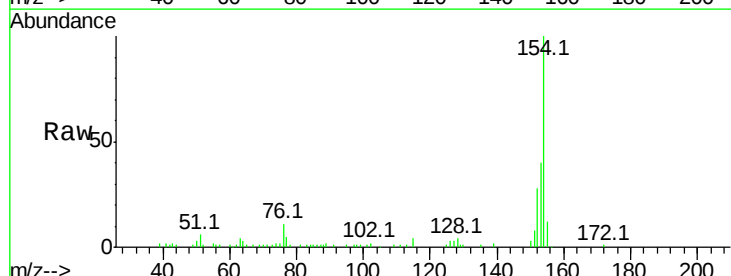
Instrument :
 BNA_F
 ClientSampled :

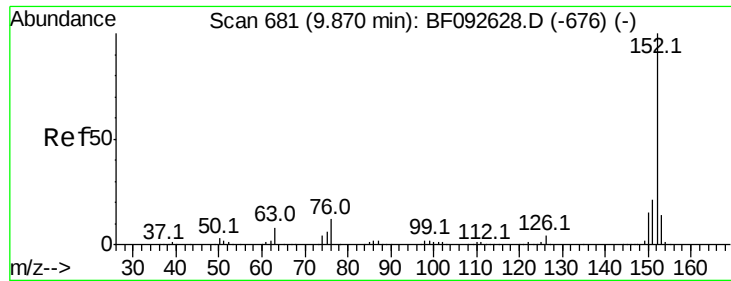
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.1	20.2	30.4



#45
 1,1'-Biphenyl
 Concen: 2.79 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.9	60.9
76	11.2	0.0	30.5





#48

Acenaphthylene

Concen: 2.24 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

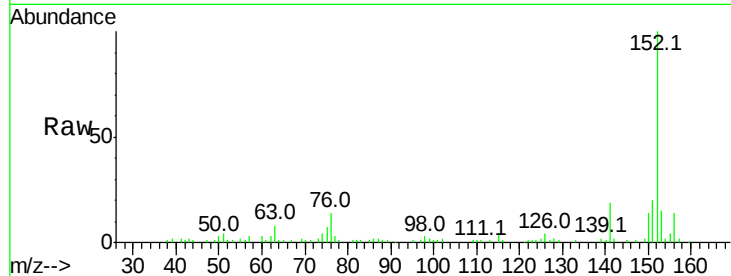
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 62455

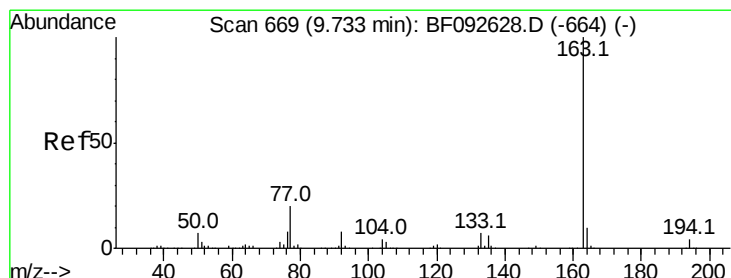
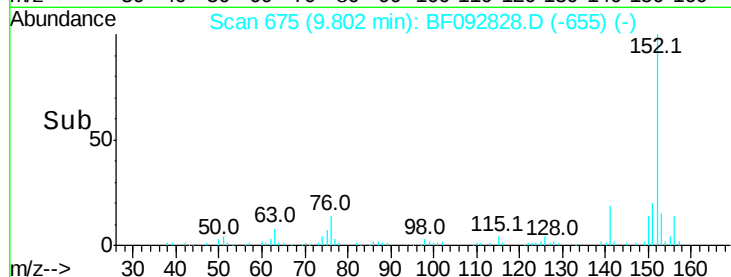
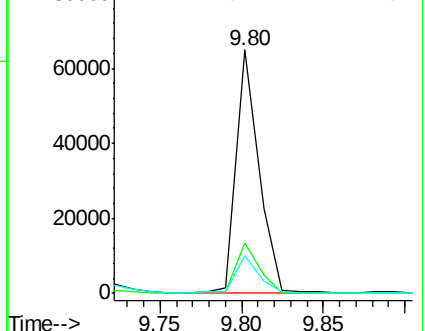
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	15.2	11.4	17.2



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: 4.89 ng

RT: 9.66 min Scan# 663

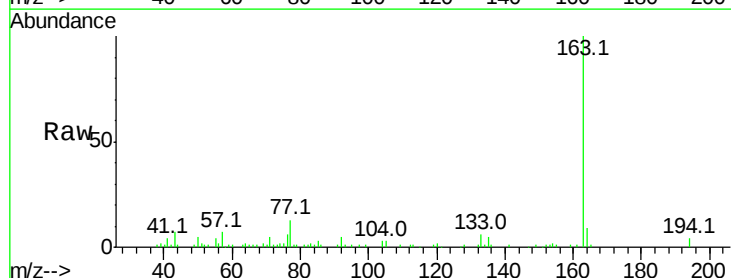
Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Tgt Ion:163 Resp: 93729

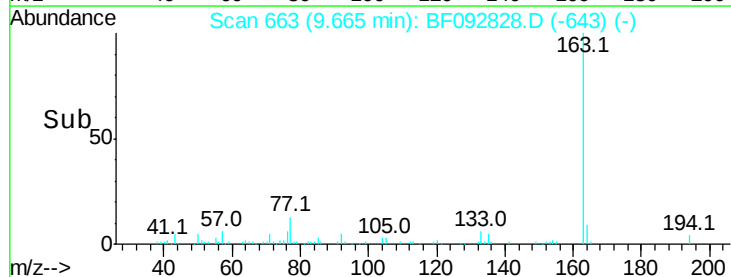
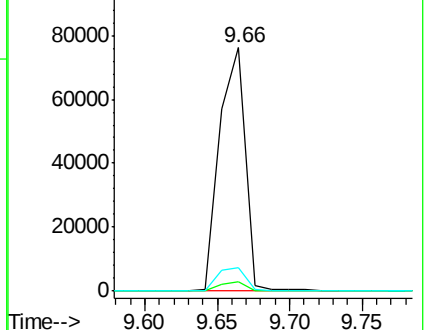
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.4	8.0	12.0

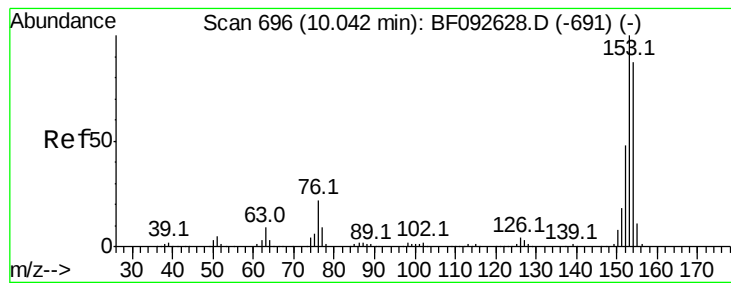


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 13.33 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :

BNA_F

ClientSampleId :

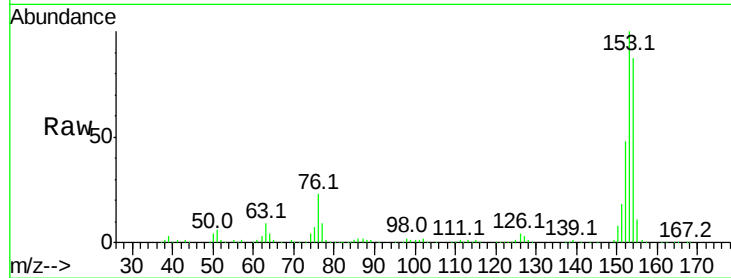
Tot Ion:154 Resp: 222065

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

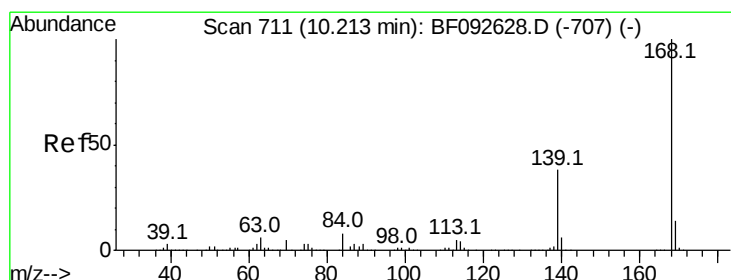
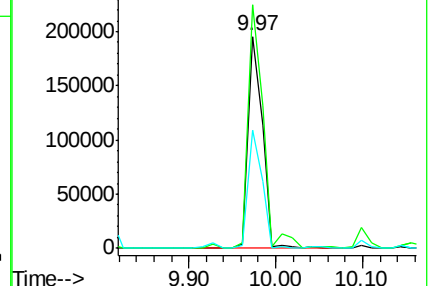
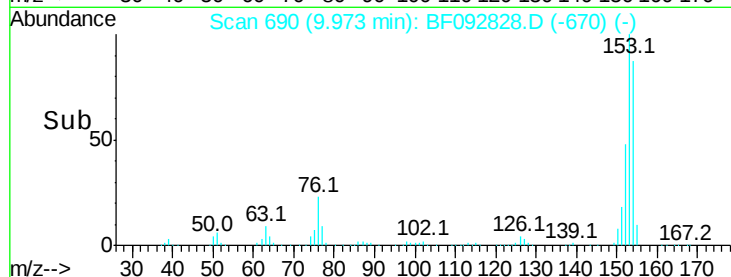
152 55.7 41.6 62.4



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

Dibenzofuran

Concen: 11.95 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

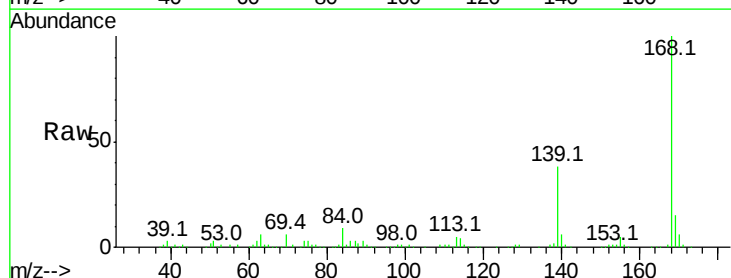
Tgt Ion:168 Resp: 266282

Ion Ratio Lower Upper

168 100

139 38.4 32.6 49.0

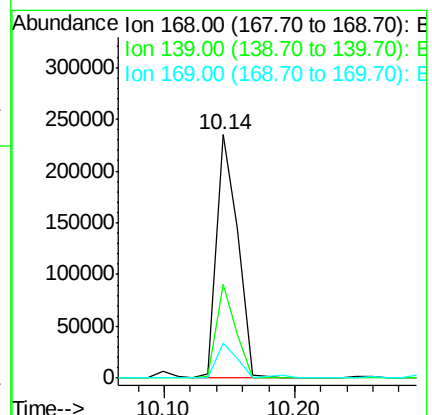
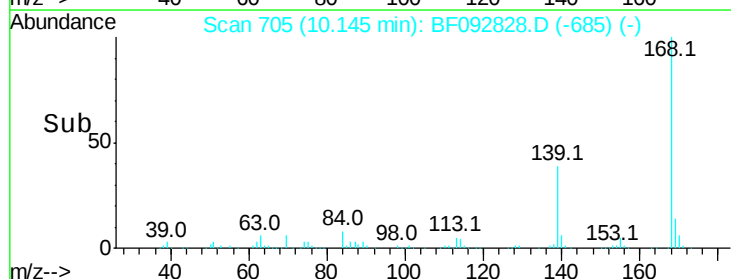
169 14.5 11.3 16.9

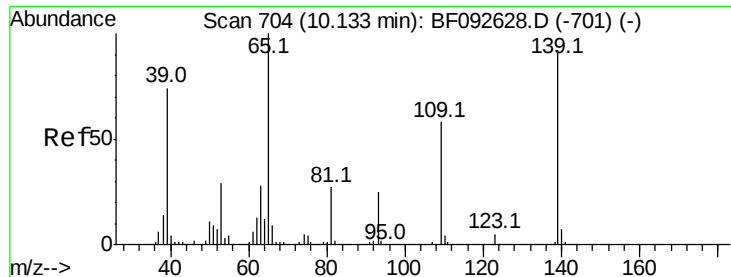


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 27.62 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :

BNA_F

ClientSampleId :

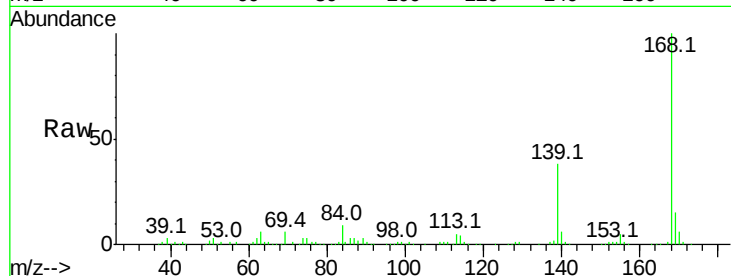
Tot Ion:139 Resp: 94307

Ion Ratio Lower Upper

139 100

109 1.3 52.2 92.2#

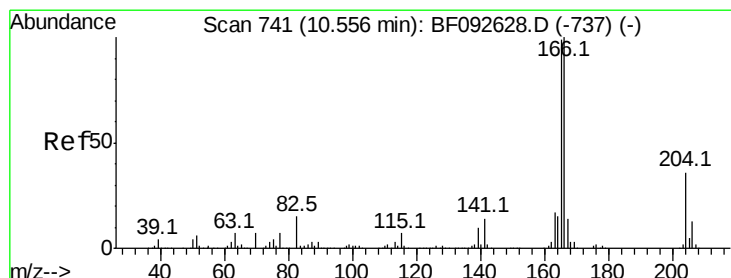
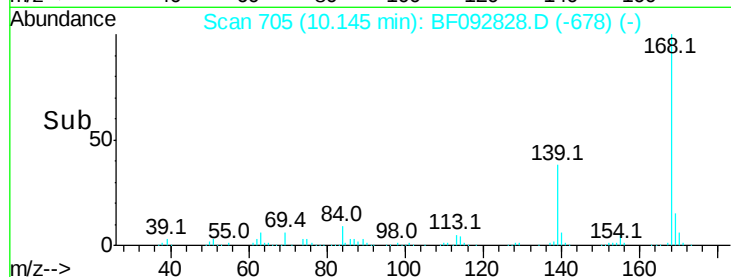
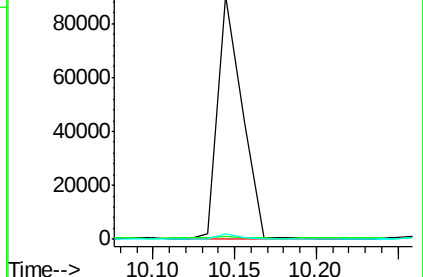
65 2.4 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#57

Fluorene

Concen: 16.62 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

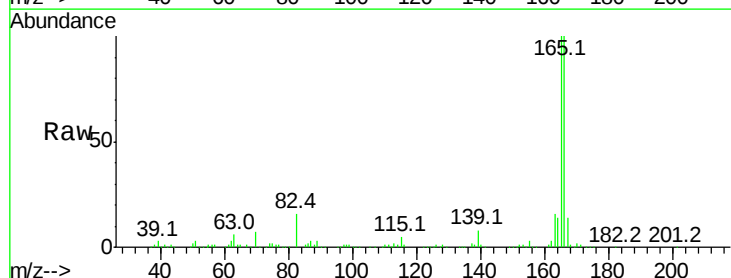
Tgt Ion:166 Resp: 284906

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

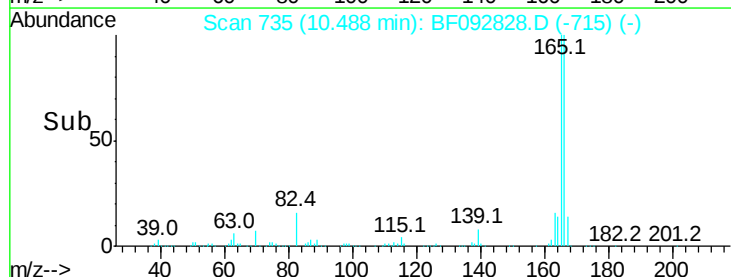
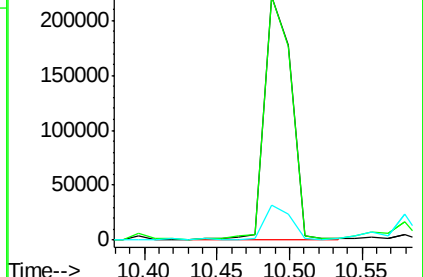
167 14.2 10.8 16.2

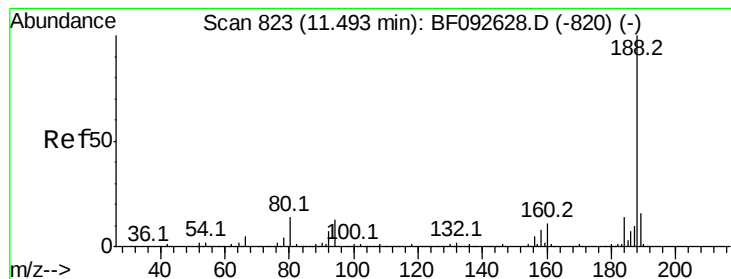


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.44 min Scan# 818

Delta R.T. -0.06 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :

BNA_F

ClientSampleId :

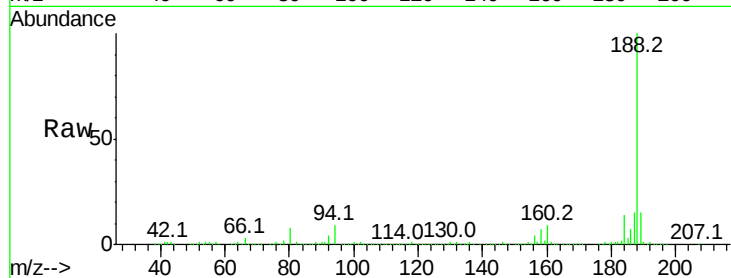
Tot Ion:188 Resp: 416058

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

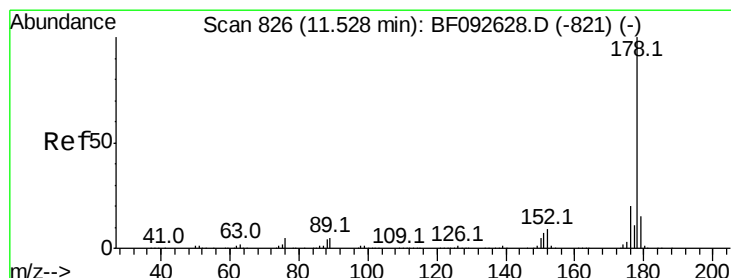
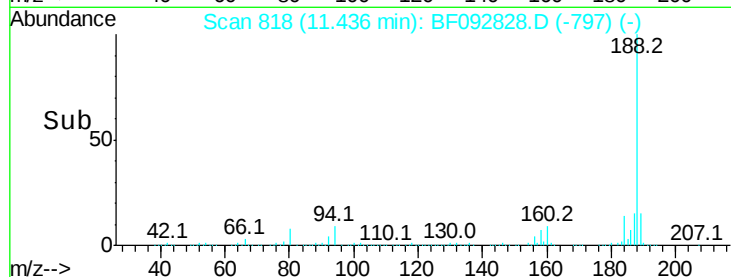
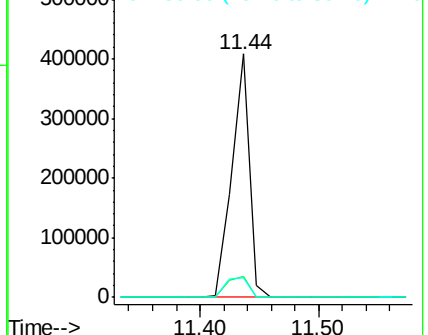
80 8.1 11.2 16.8#



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: 52.27 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

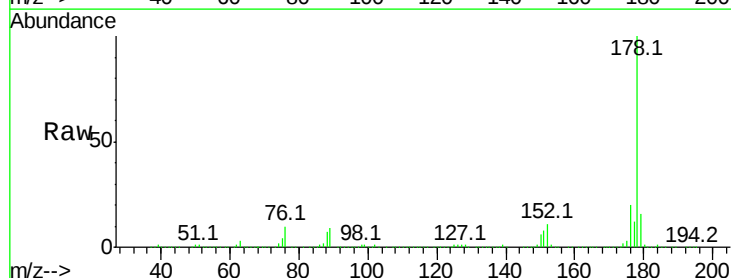
Tgt Ion:178 Resp: 1245995

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

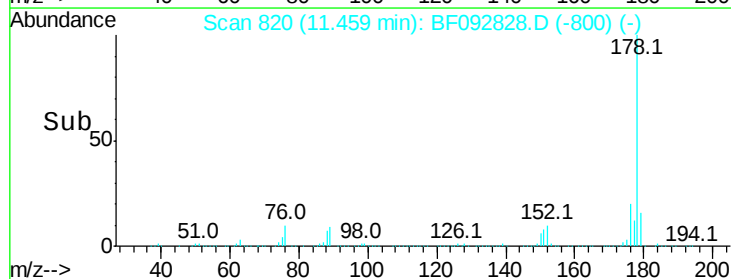
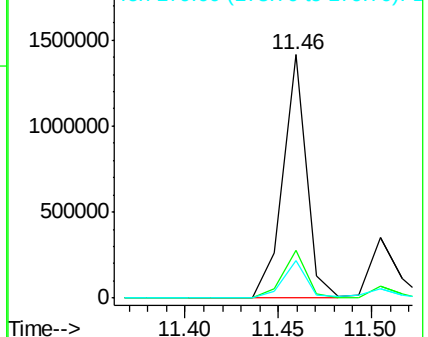
179 15.7 12.8 19.2

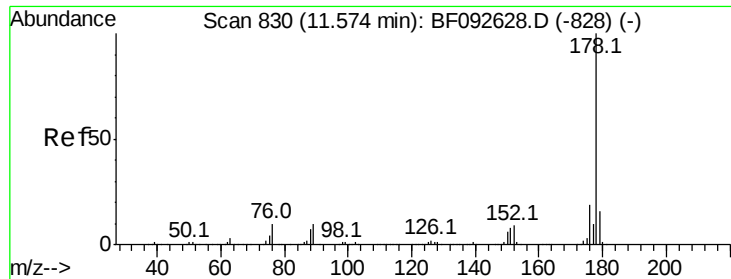


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

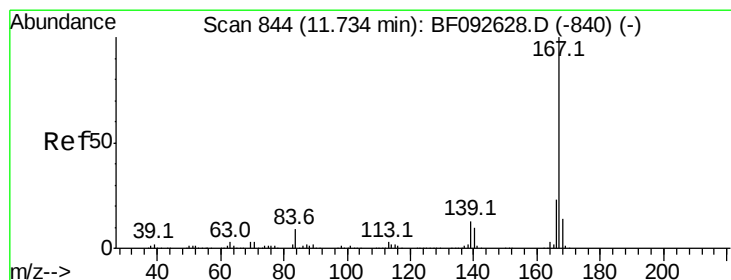
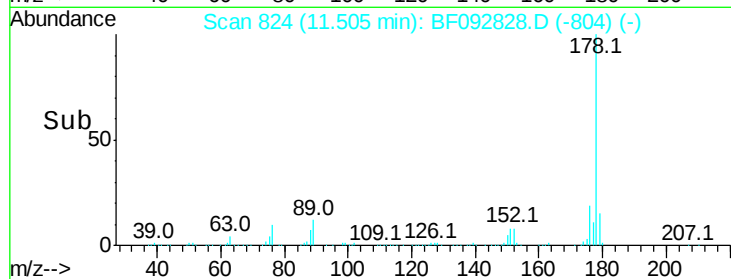
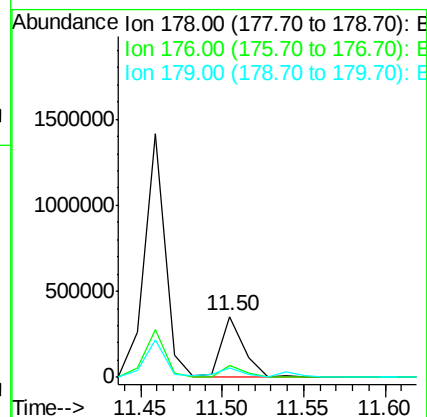
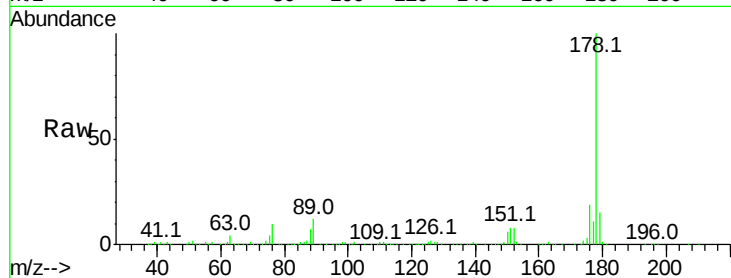




#71
 Anthracene
 Concen: 14.36 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.07 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

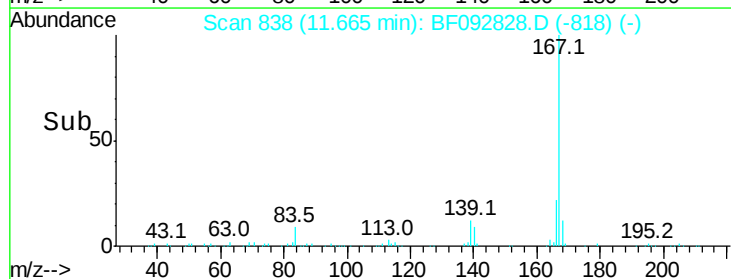
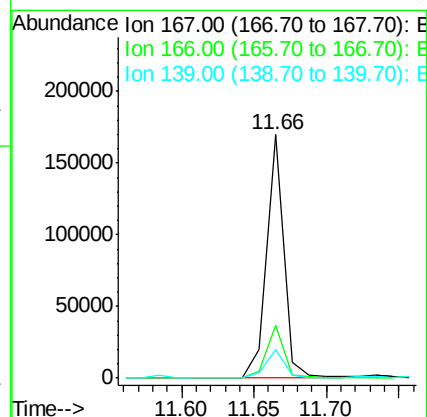
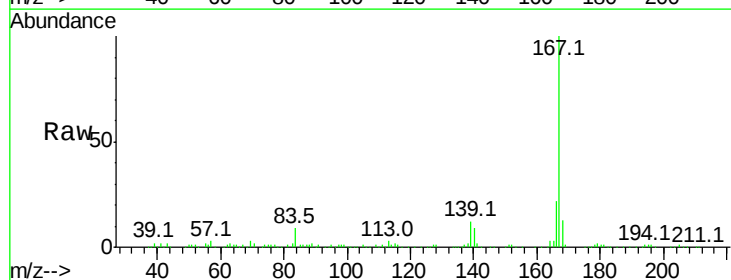
Instrument :
 BNA_F
 ClientSampleId :

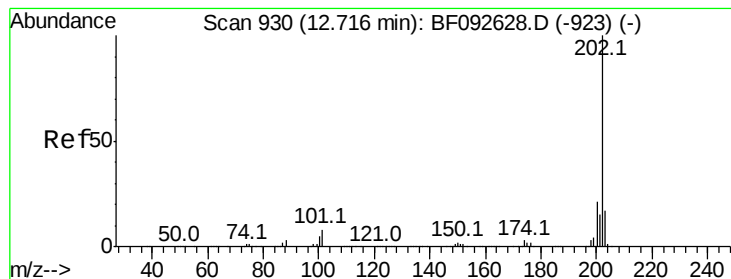
Tot Ion:178 Resp: 343810
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 6.16 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.07 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

Tgt Ion:167 Resp: 140969
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 11.8 11.4 17.2





#74

Fluoranthene

Concen: 36.07 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :

BNA_F

ClientSampleId :

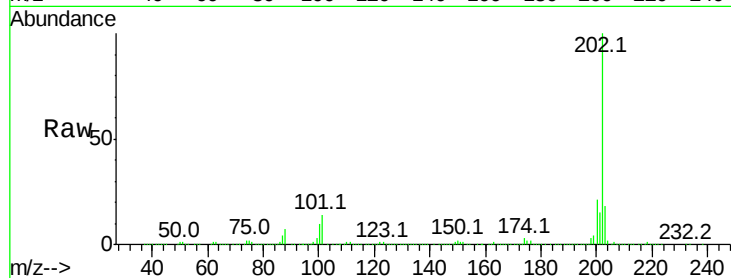
Tot Ion:202 Resp: 886751

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.6

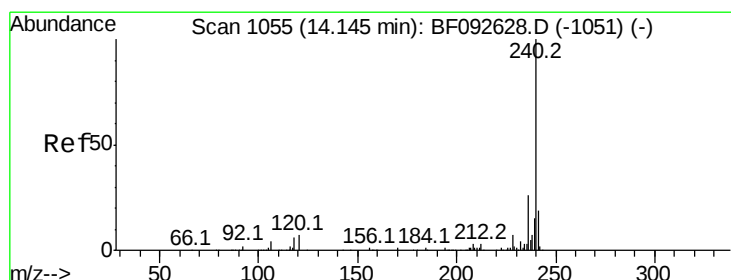
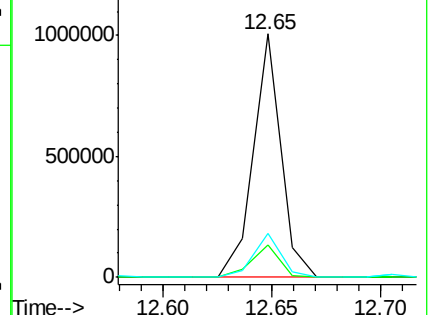
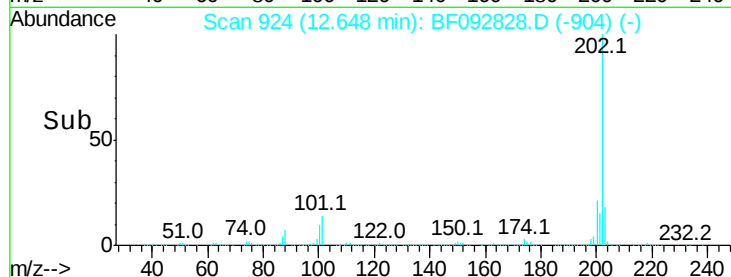
203 18.0 0.0 38.7



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: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

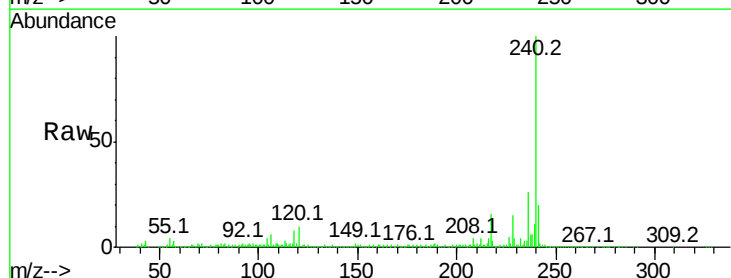
Tgt Ion:240 Resp: 324956

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

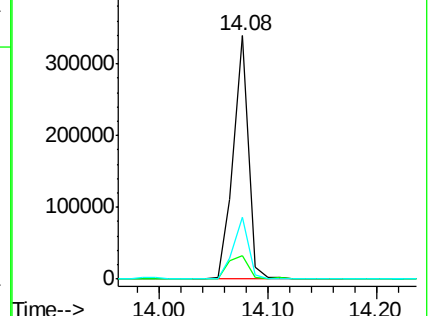
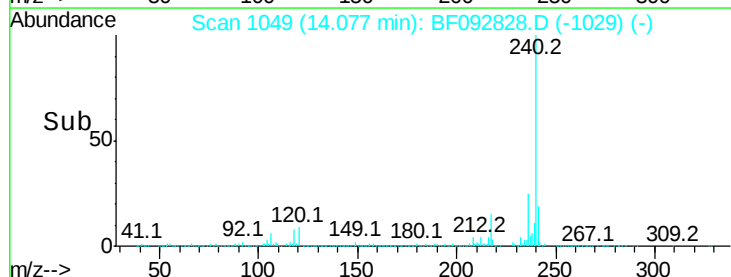
236 25.5 20.9 31.3

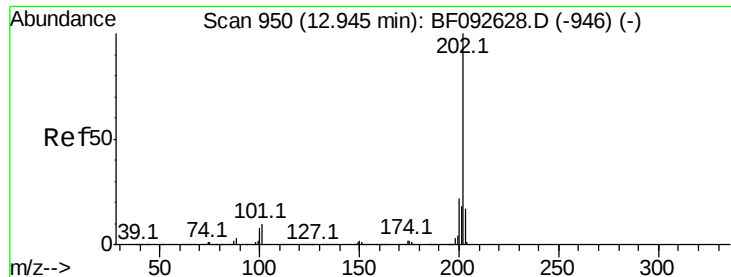


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 31.22 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :
BNA_F
ClientSampleId :

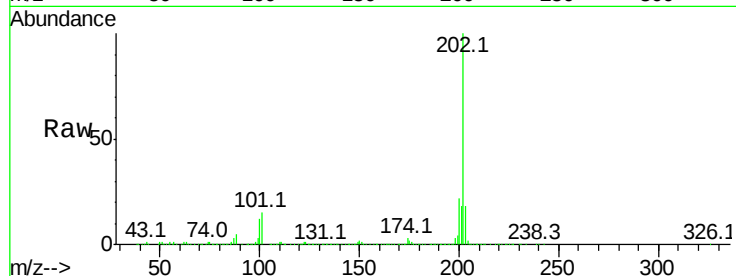
Tot Ion:202 Resp: 759193

Ion Ratio Lower Upper

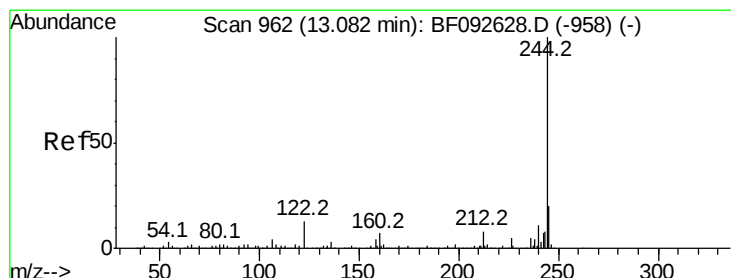
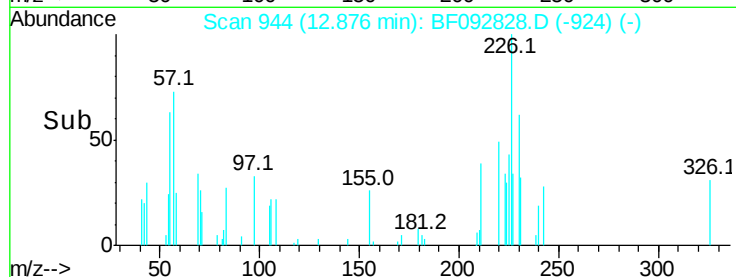
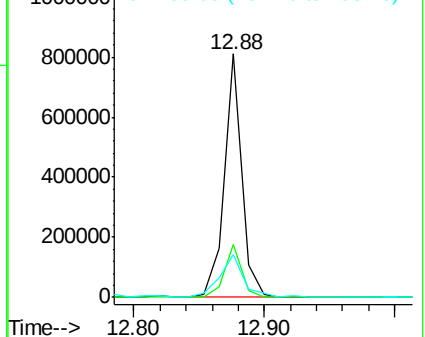
202 100

200 21.6 17.7 26.5

203 17.7 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: 43.24 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

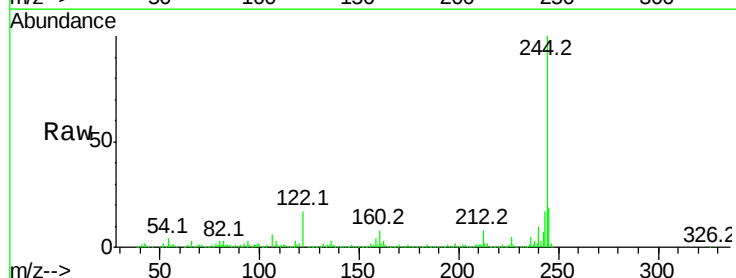
Tgt Ion:244 Resp: 598029

Ion Ratio Lower Upper

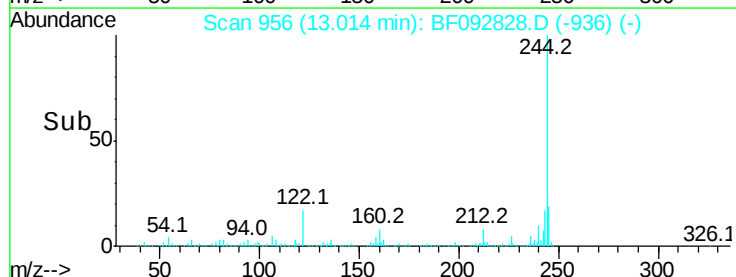
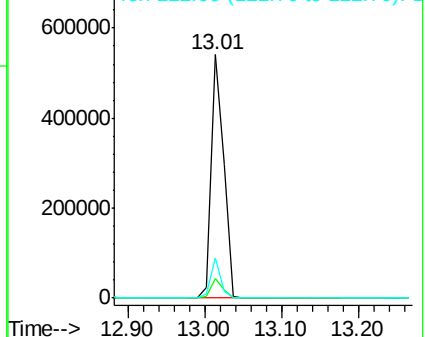
244 100

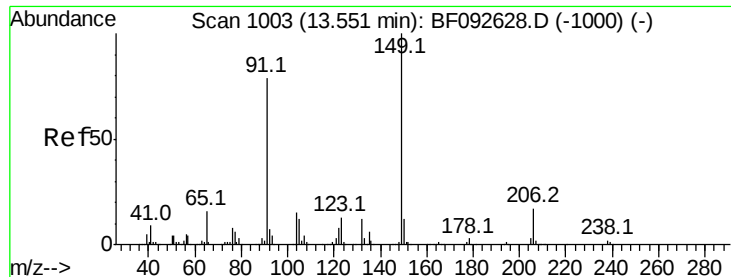
212 7.9 6.2 9.2

122 16.7 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

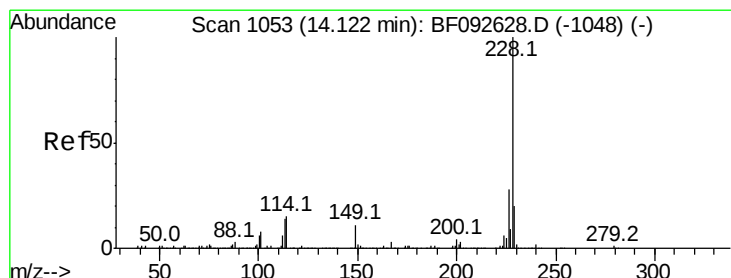
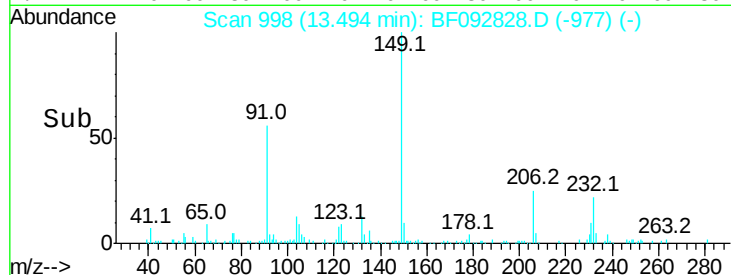
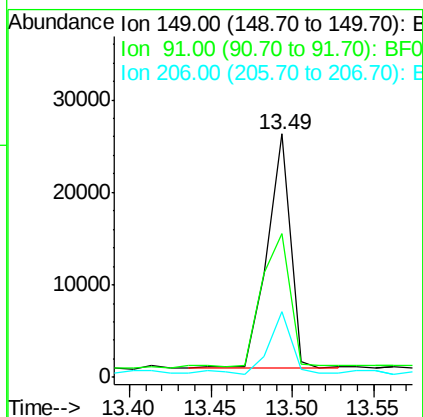
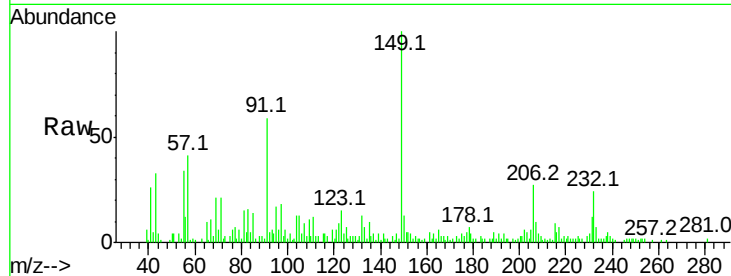




#79
 Butylbenzylphthalate
 Concen: 2.58 ng
 RT: 13.49 min Scan# 998
 Delta R.T. -0.06 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

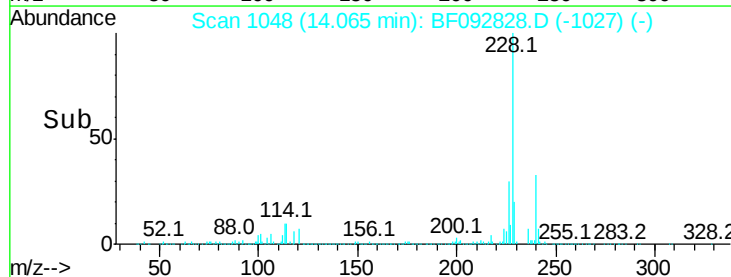
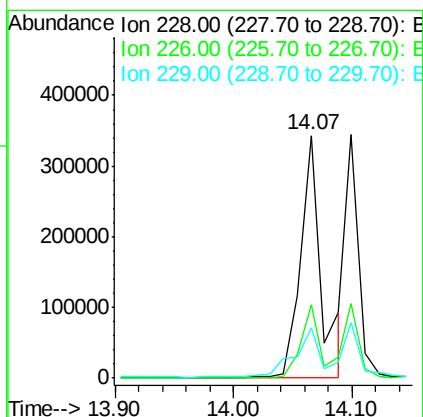
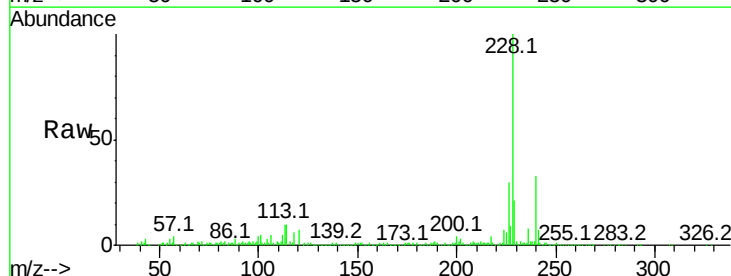
Instrument :
 BNA_F
 ClientSampleId :

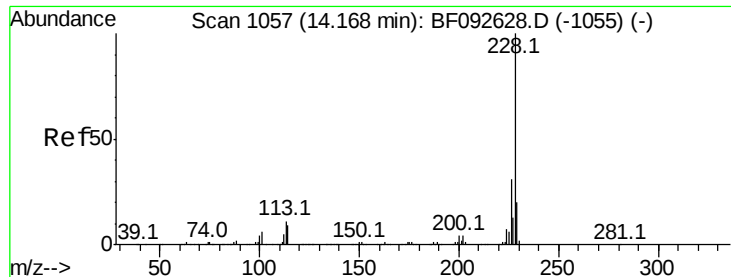
Tot Ion:	149	Resp:	25436
Ion	Ratio	Lower	Upper
149	100		
91	58.8	63.9	95.9#
206	26.8	14.6	21.8#



#80
 Benzo(a)anthracene
 Concen: 21.06 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.06 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

Tgt Ion:	228	Resp:	418548
Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.4	33.6
229	20.7	16.2	24.4





#82

Chrysene

Concen: 14.15 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.07 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :

BNA_F

ClientSampleId :

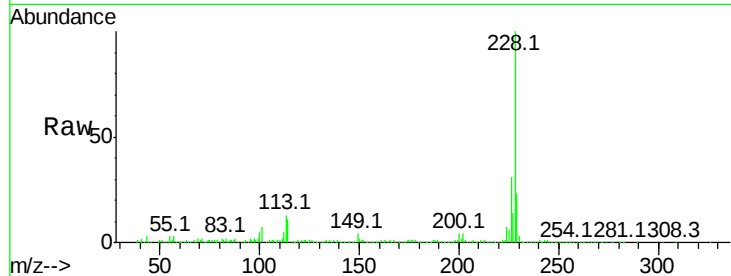
Tot Ion:228 Resp: 263307

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

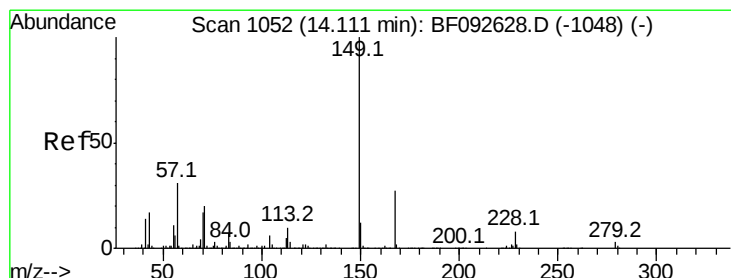
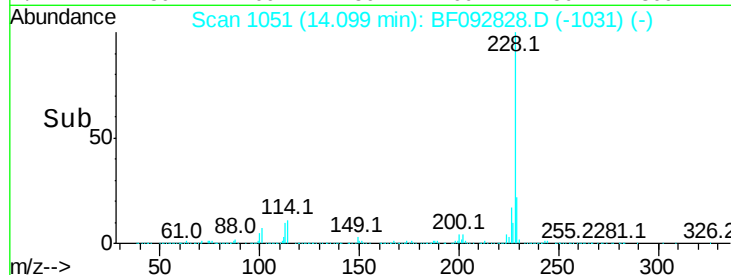
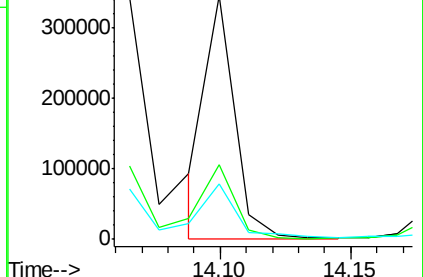
229 22.7 16.2 24.2



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: 6.95 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

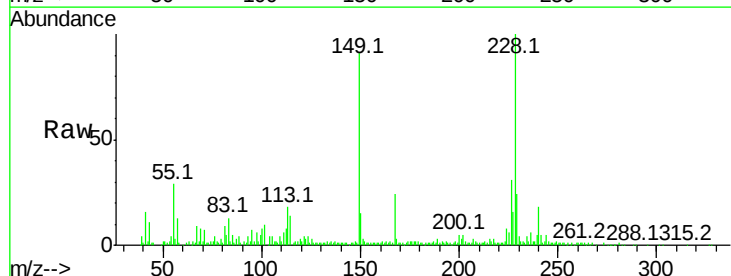
Tgt Ion:149 Resp: 93853

Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.4

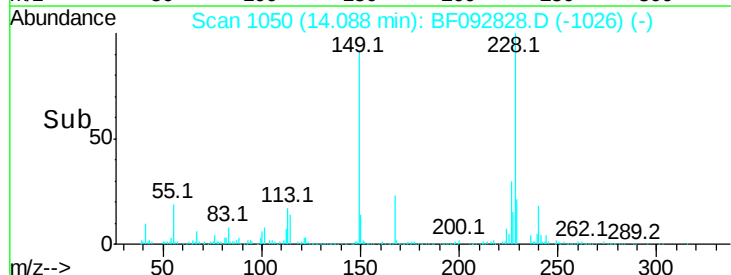
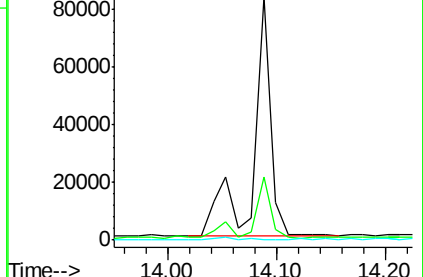
279 0.4 1.8 2.8#

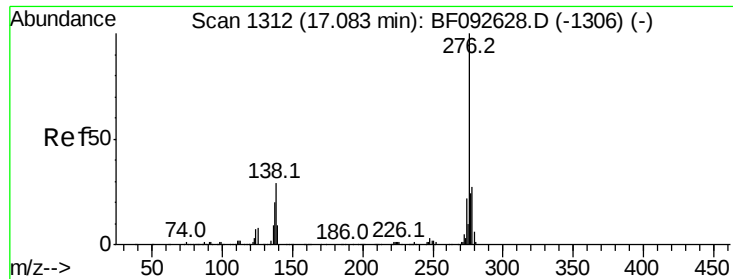


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

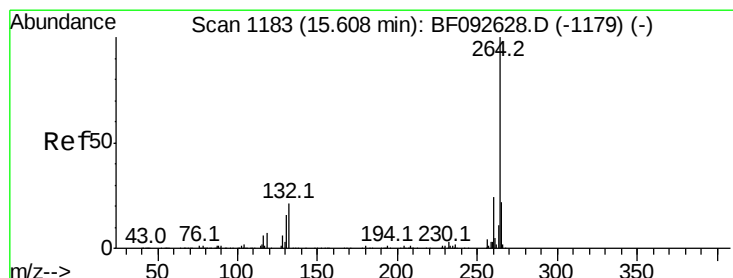
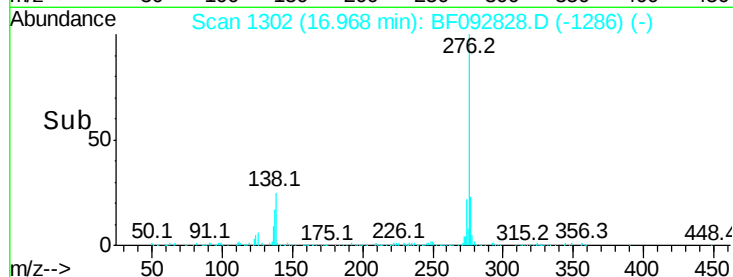
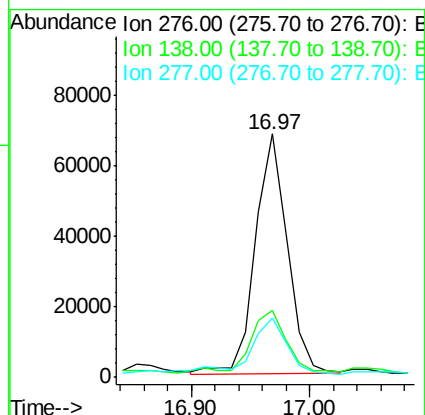
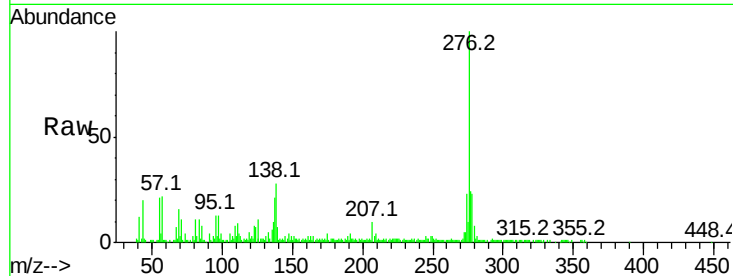




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.89 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. -0.11 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

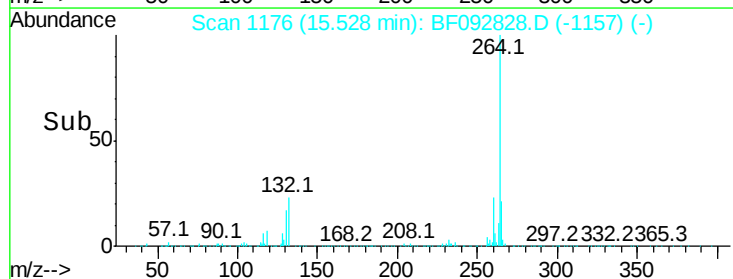
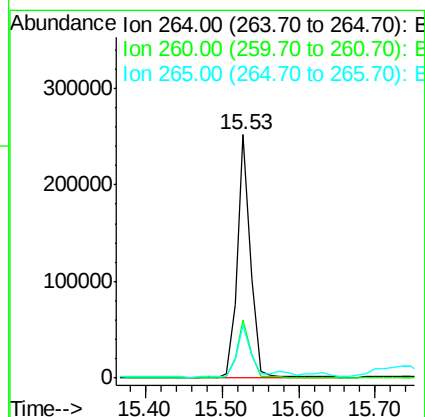
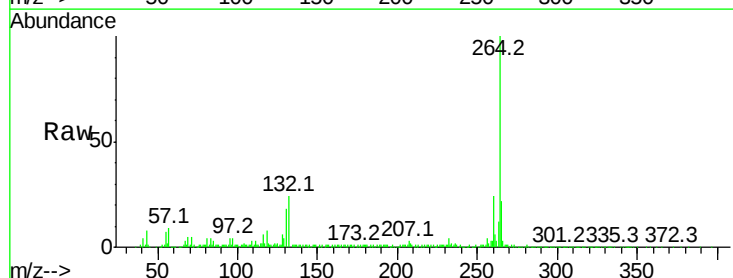
Instrument :
 BNA_F
 ClientSampleId :

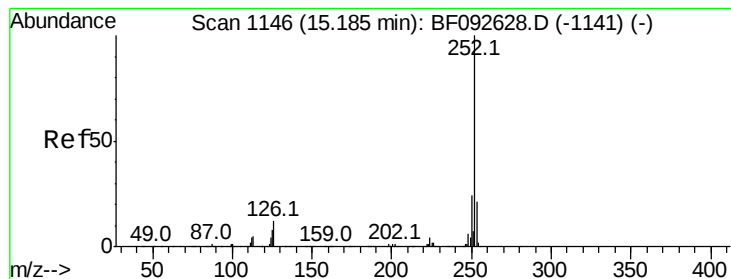
Tot Ion:	276	Resp:	128166
Ion	Ratio	Lower	Upper
276	100		
138	30.7	21.8	32.6
277	28.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF092828.D
 Acq: 7 Feb 2017 14:49

Tgt Ion:	264	Resp:	309763
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 22.82 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.08 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

Instrument :

BNA_F

ClientSampleId :

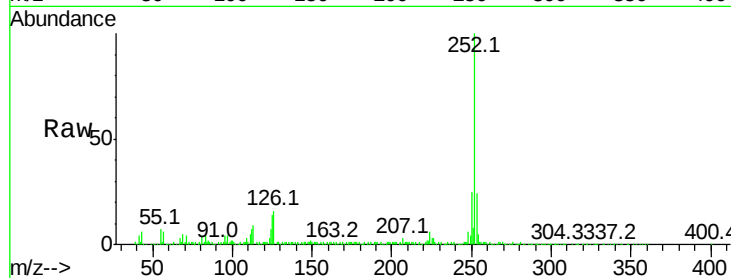
Tot Ion:252 Resp: 465315

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

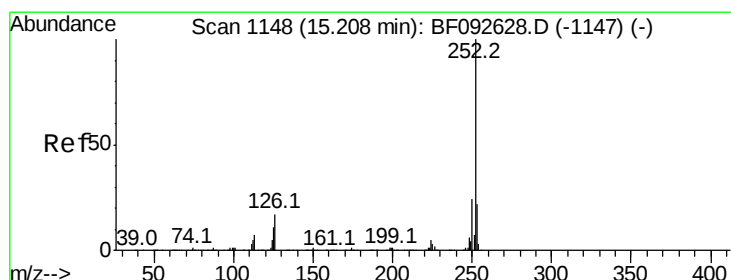
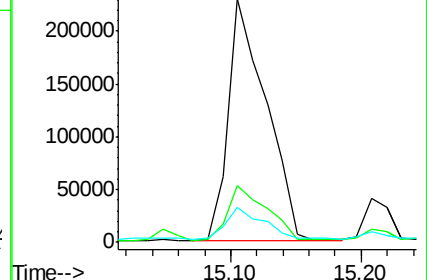
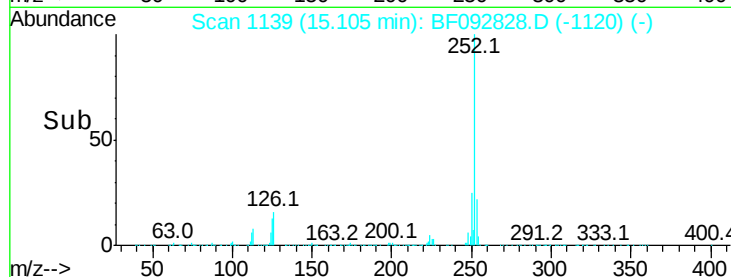
125 14.2 9.8 14.6



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: 26.43 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.10 min

Lab File: BF092828.D

Acq: 7 Feb 2017 14:49

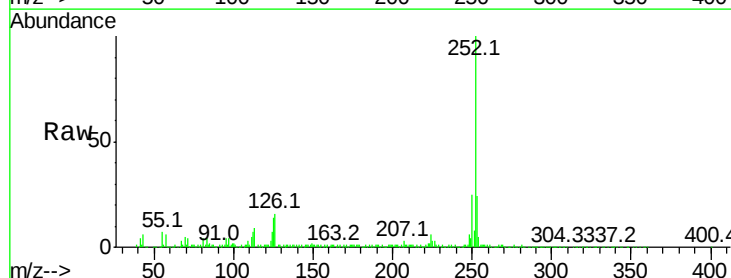
Tgt Ion:252 Resp: 465315

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

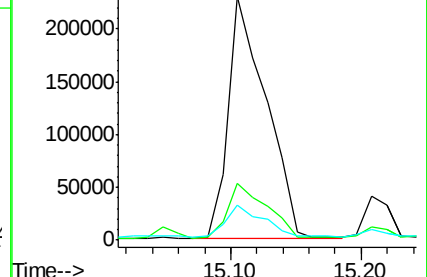
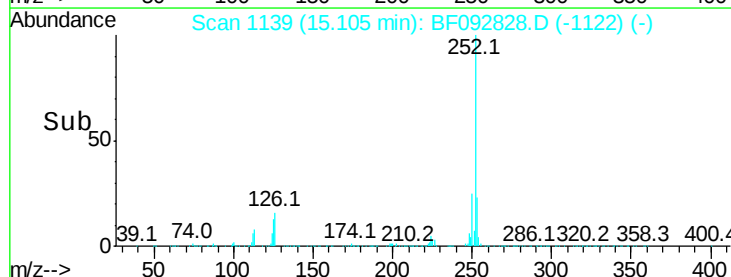
125 14.2 8.9 13.3#

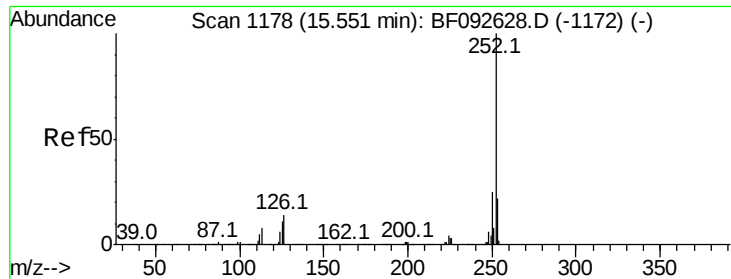


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

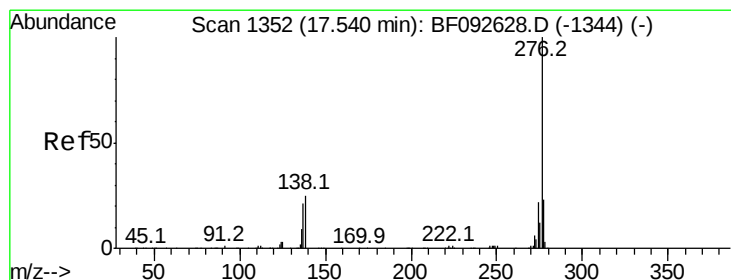
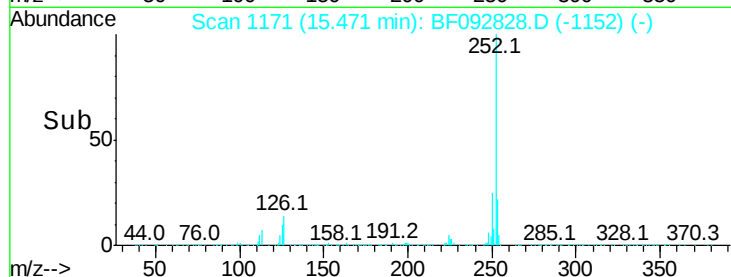
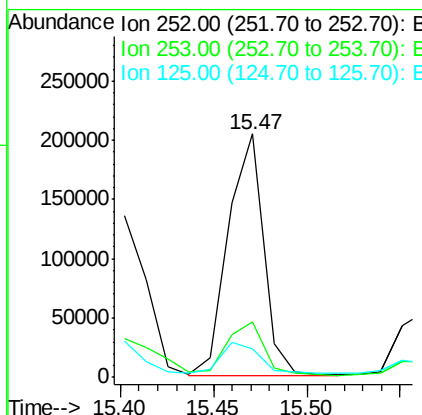
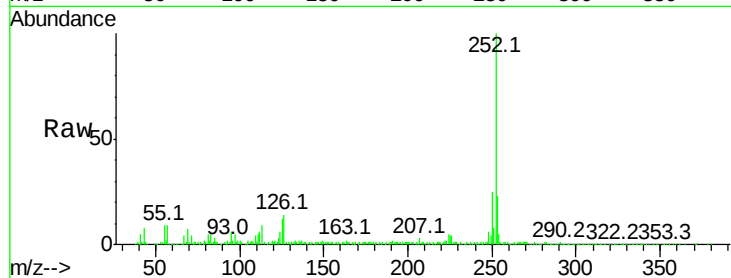




#89
Benzo(a)pyrene
Concen: 15.44 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.08 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 272316
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.8 10.0 15.0



#91
Benzo(g,h,i)perylene
Concen: 6.87 ng
RT: 17.40 min Scan# 1340
Delta R.T. -0.14 min
Lab File: BF092828.D
Acq: 7 Feb 2017 14:49

Tgt Ion:276 Resp: 98947
Ion Ratio Lower Upper
276 100
277 25.6 19.2 28.8
138 29.0 16.0 24.0#

