

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092448.D
 Acq On : 25 Jan 2017 00:08
 Operator : UM/SJ
 Sample : I1383-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-001-B

Quant Time: Jan 25 00:37:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161542	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	676539	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	329132	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	499810	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	344903	20.00	ng	-0.01
86) Perylene-d12	15.63	264	324068	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	697731	67.20	ng	0.01
7) Phenol-d6	6.59	99	1394335	105.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	778116	62.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	60124	26.81	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1247929	70.11	ng	-0.01
78) Terphenyl-d14	13.11	244	902953	69.71	ng	-0.01

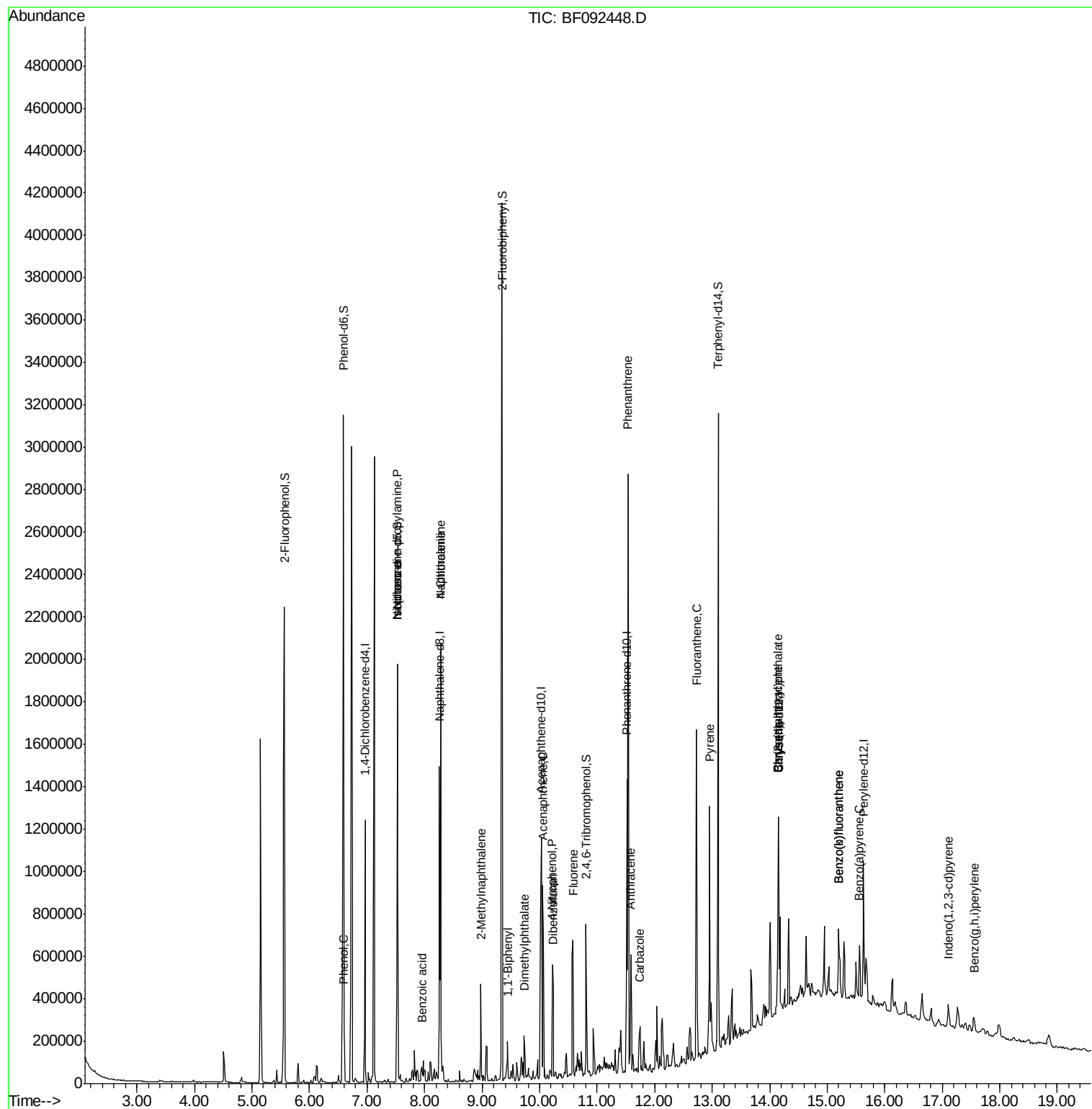
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	89587	5.61	ng	# 60
19) n-Nitroso-di-n-propylamine	7.53	70	101348	11.25	ng	# 86
25) Isophorone	7.53	82	686051	28.11	ng	# 65
31) Naphthalene	8.28	128	374797	10.82	ng	# 98
32) Benzoic acid	7.95	122	1824	4.89	ng	# 57
33) 4-Chloroaniline	8.28	127	48369	3.30	ng	# 34
37) 2-Methylnaphthalene	8.98	142	125948	5.75	ng	# 97
45) 1,1'-Biphenyl	9.45	154	63526	2.67	ng	# 96
49) Dimethylphthalate	9.73	163	94969	4.54	ng	# 99
51) Acenaphthene	10.05	154	265821	15.01	ng	# 95
54) Dibenzofuran	10.24	168	287499	11.95	ng	# 88
55) 4-Nitrophenol	10.22	139	101312	23.81	ng	# 6
57) Fluorene	10.58	166	261182	14.65	ng	# 96
70) Phenanthrene	11.54	178	970871	35.27	ng	# 98
71) Anthracene	11.58	178	242093	9.00	ng	# 97
72) Carbazole	11.74	167	110933	4.32	ng	# 96
74) Fluoranthene	12.73	202	580072	21.55	ng	# 99
77) Pyrene	12.96	202	462825	18.52	ng	# 99
80) Benzo(a)anthracene	14.15	228	172722	9.32	ng	# 99
82) Chrysene	14.15	228	172722	8.73	ng	# 96
83) Bis(2-ethylhexyl)phthalate	14.15	149	30516	2.39	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.11	276	68474	4.68	ng	# 90
87) Benzo(b)fluoranthene	15.20	252	243946	11.73	ng	# 97
88) Benzo(k)fluoranthene	15.20	252	243946	14.10	ng	# 96
89) Benzo(a)pyrene	15.56	252	129703	7.37	ng	# 95
91) Benzo(g,h,i)perylene	17.55	276	69824	4.85	ng	# 90

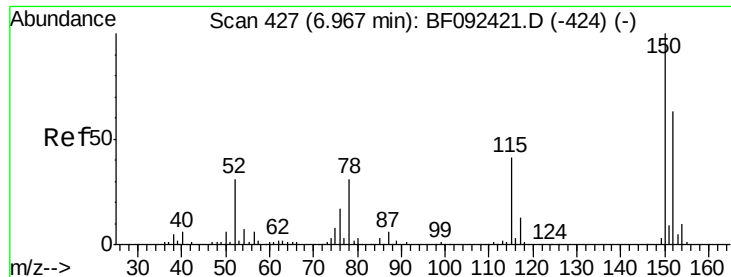
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

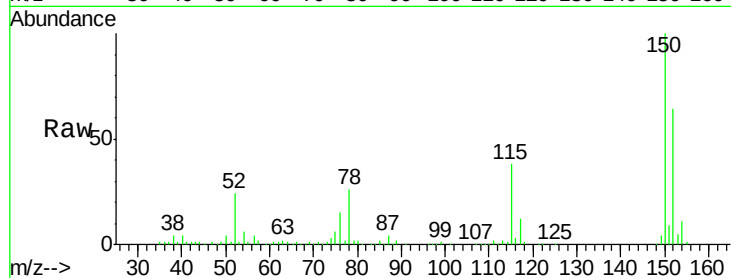
Tgt Ion:152 Resp: 161542

Ion Ratio Lower Upper

152 100

150 155.3 124.9 187.3

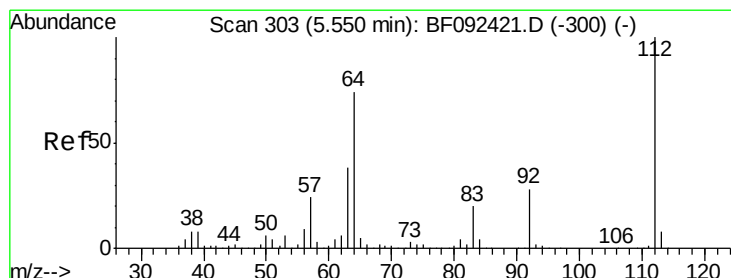
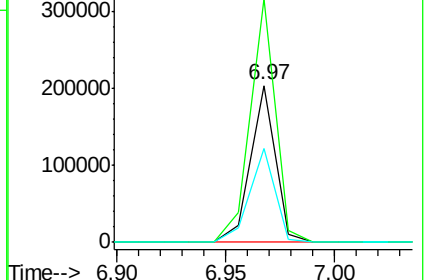
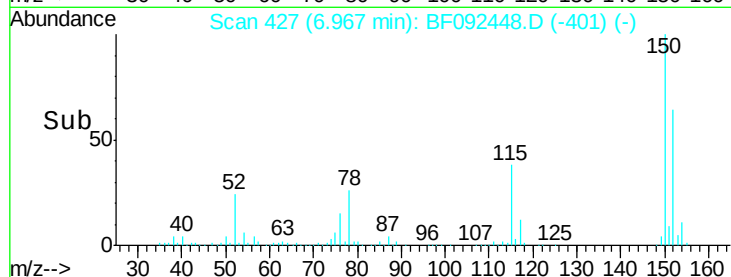
115 59.5 46.0 69.0



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: 67.20 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

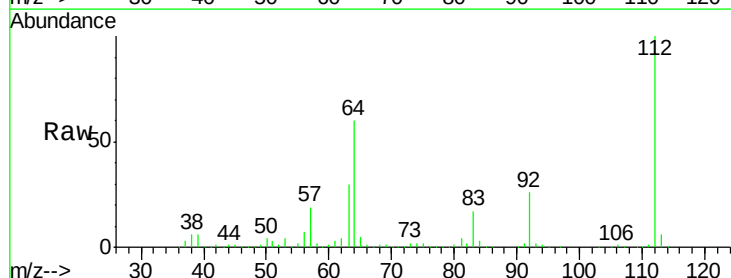
Tgt Ion:112 Resp: 697731

Ion Ratio Lower Upper

112 100

64 59.6 46.1 69.1

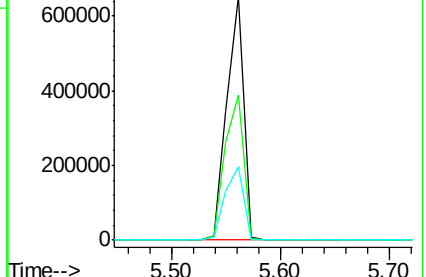
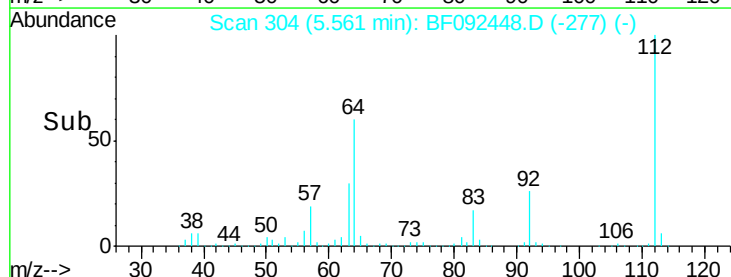
63 30.0 23.8 35.6

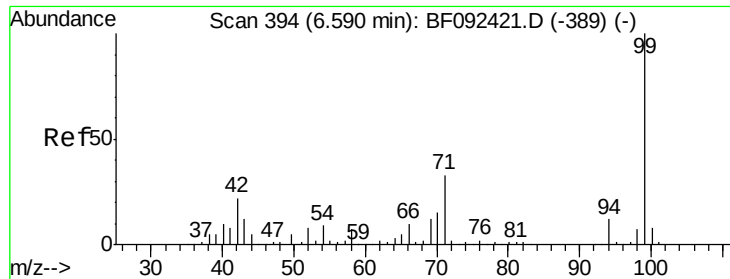


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.43 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

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ClientSampleId :

FK-SF-01-001-B

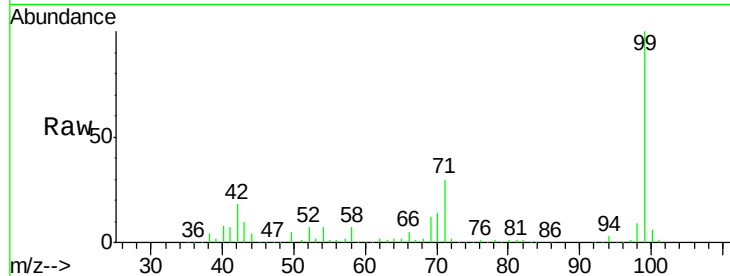
Tgt Ion: 99 Resp: 1394335

Ion Ratio Lower Upper

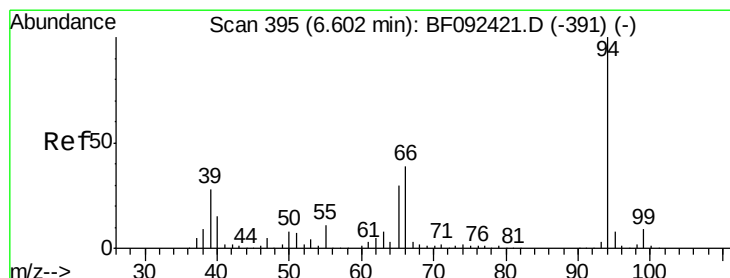
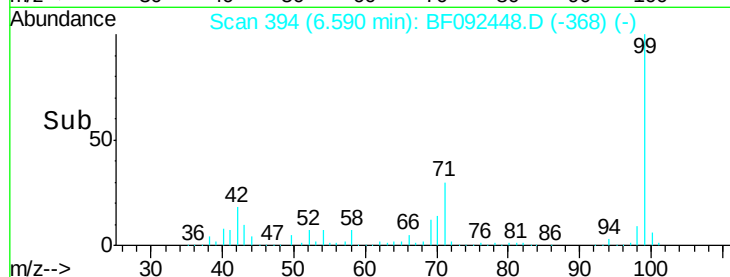
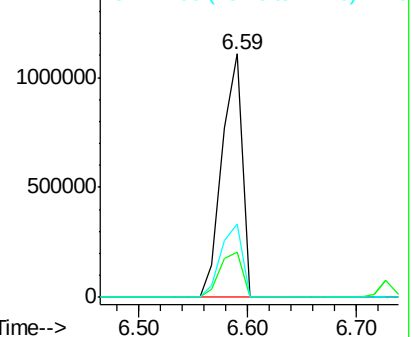
99 100

42 18.3 15.6 23.4

71 30.1 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: 5.61 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

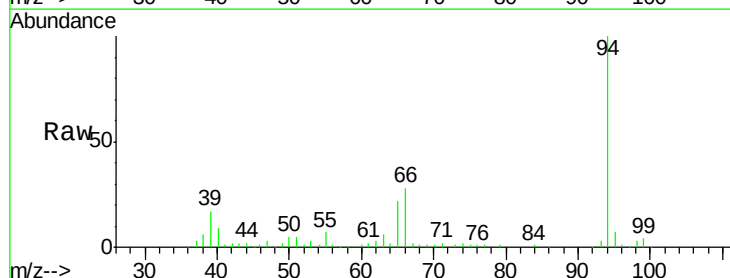
Tgt Ion: 94 Resp: 89587

Ion Ratio Lower Upper

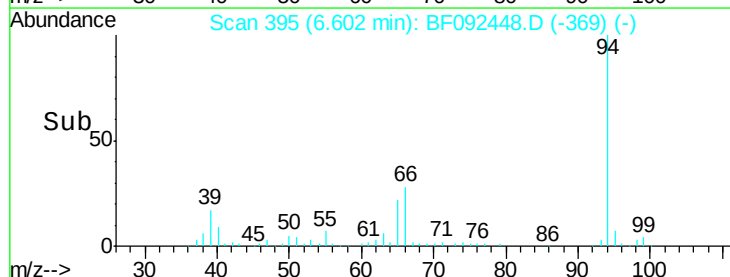
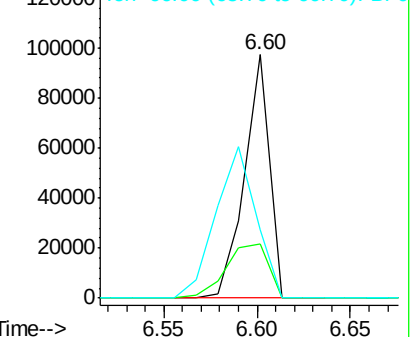
94 100

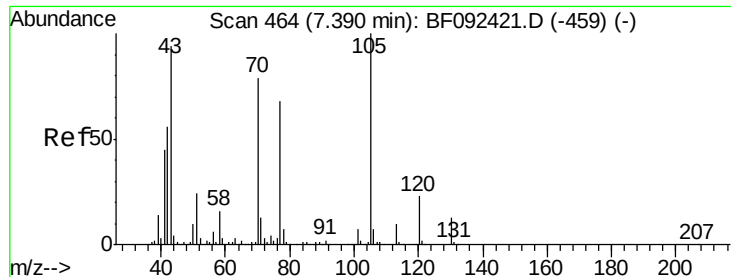
65 22.4 21.4 61.4

66 27.8 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: 11.25 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

Tgt Ion: 70 Resp: 101348

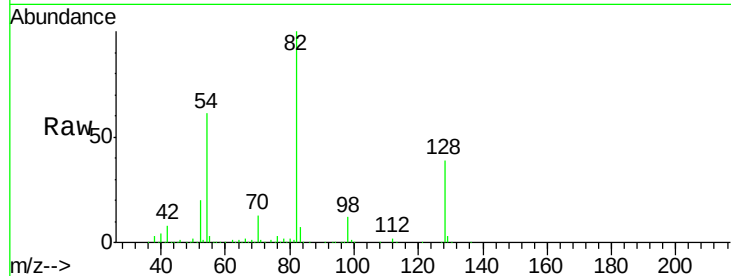
Ion Ratio Lower Upper

70 100

42 57.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

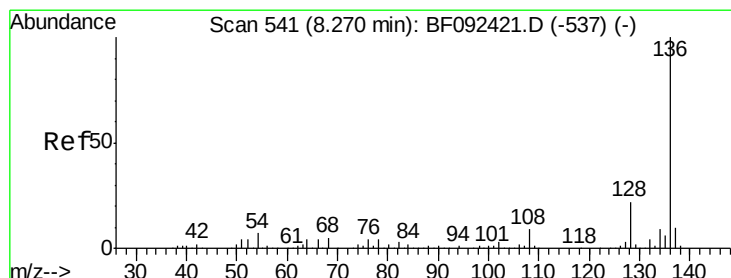
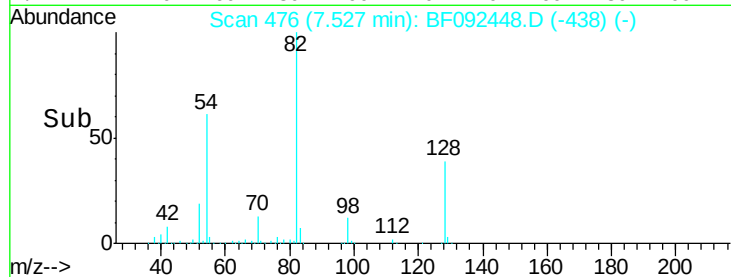
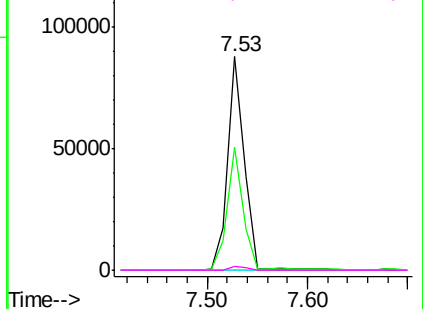


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Tgt Ion: 136 Resp: 676539

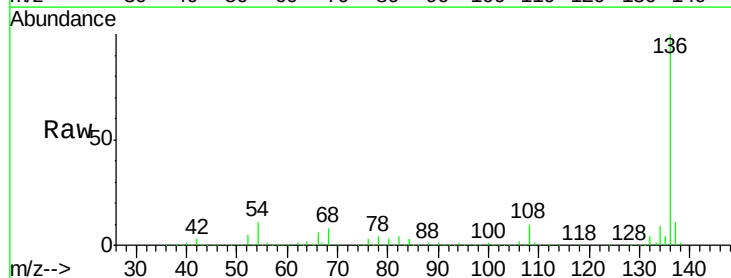
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.0 4.5 6.7#

68 7.5 3.6 5.4#

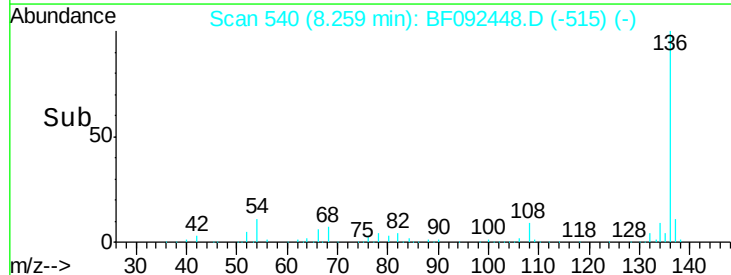
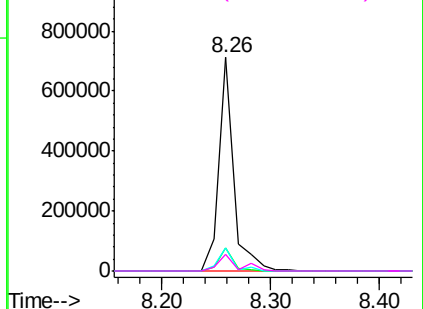


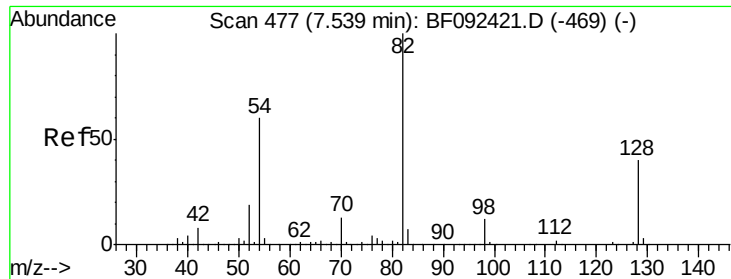
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

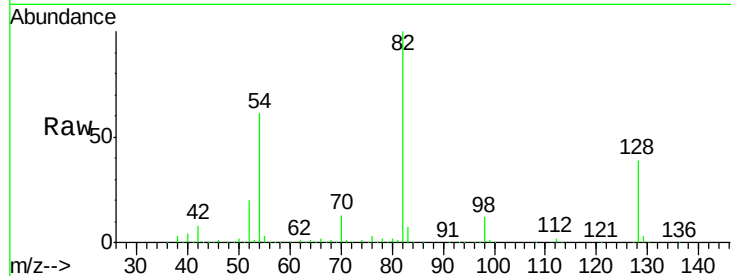




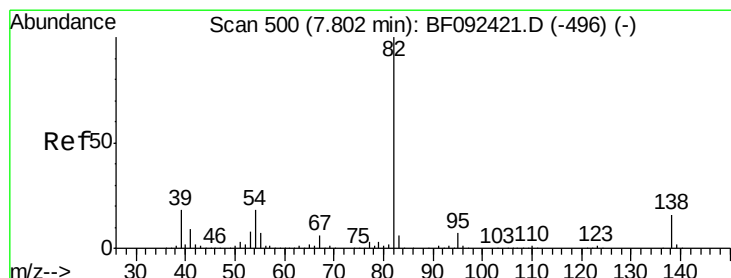
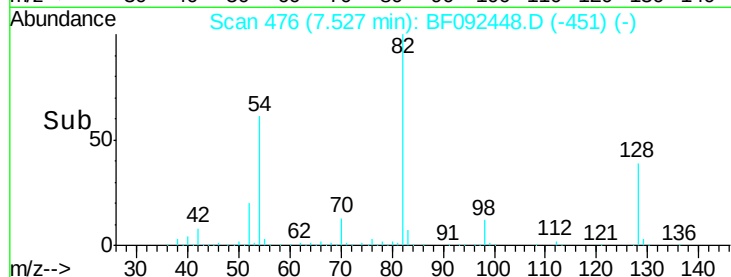
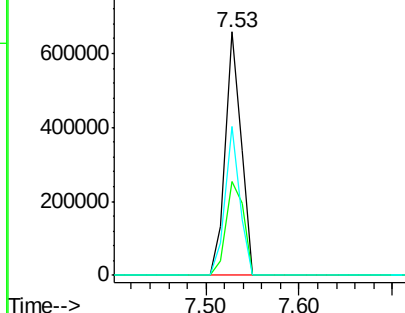
#23
 Nitrobenzene-d5
 Concen: 62.83 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092448.D
 Acq: 25 Jan 2017 00:08

Instrument :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.6	52.0
54	61.0	39.5	59.3#

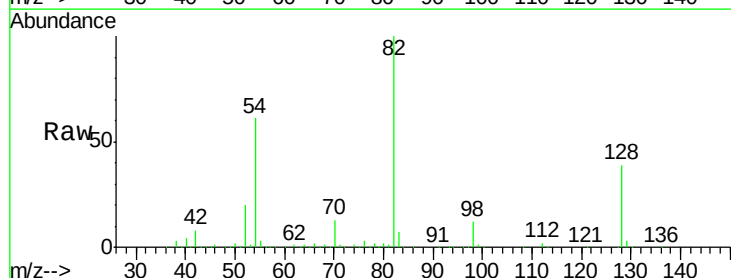


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

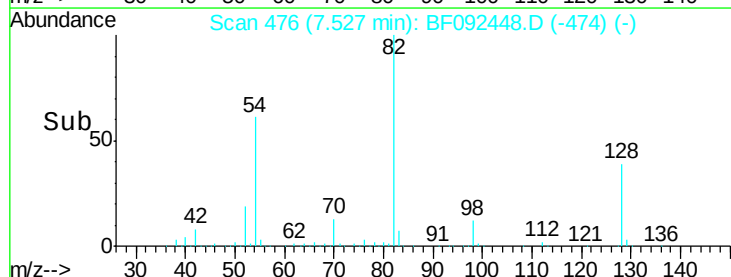
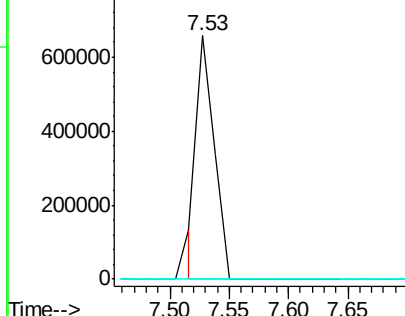


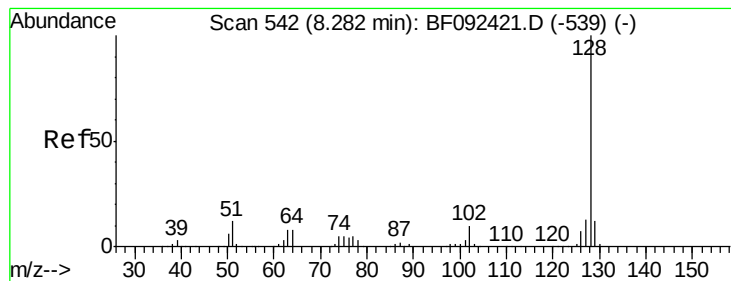
#25
 Isophorone
 Concen: 28.11 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092448.D
 Acq: 25 Jan 2017 00:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	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: 10.82 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

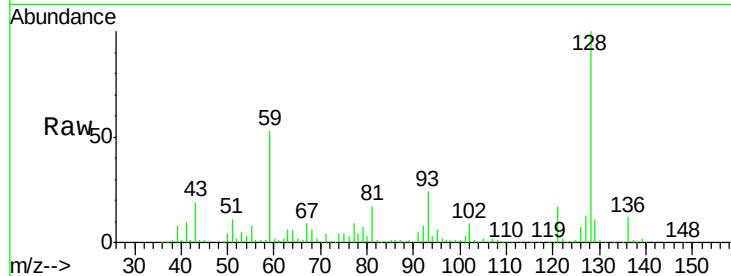
Tgt Ion:128 Resp: 374797

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

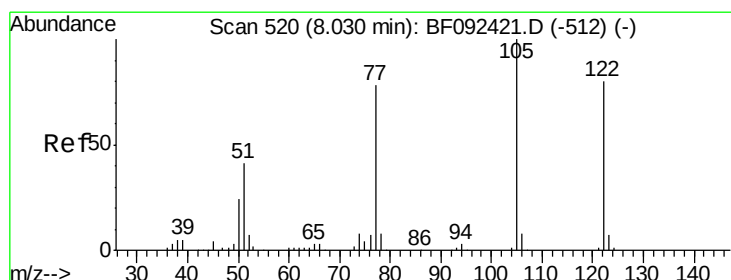
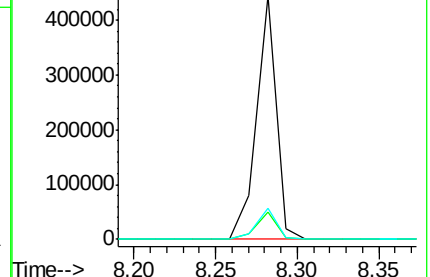
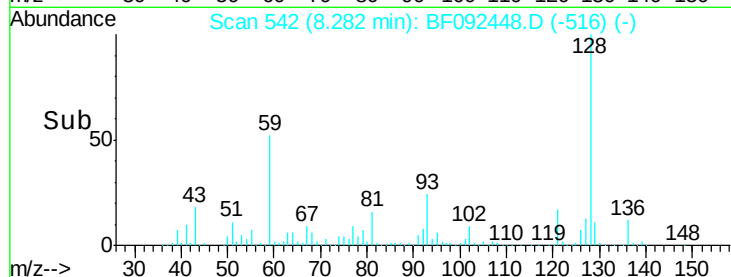
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.89 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

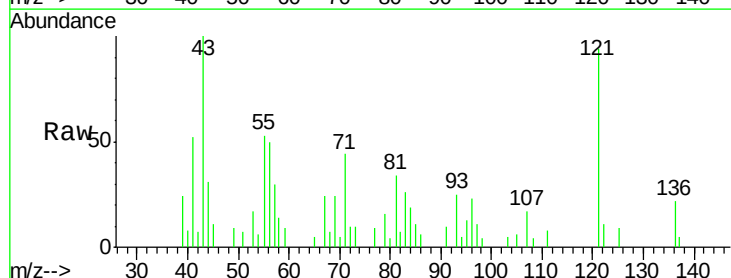
Tgt Ion:122 Resp: 1824

Ion Ratio Lower Upper

122 100

105 56.6 107.2 147.2#

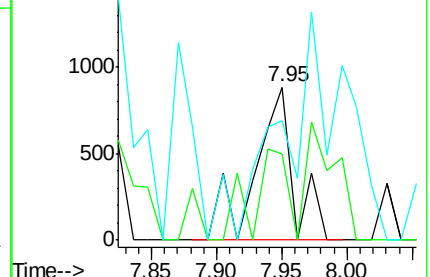
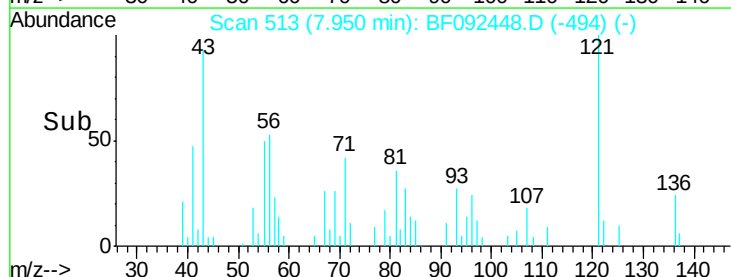
77 77.7 74.5 114.5

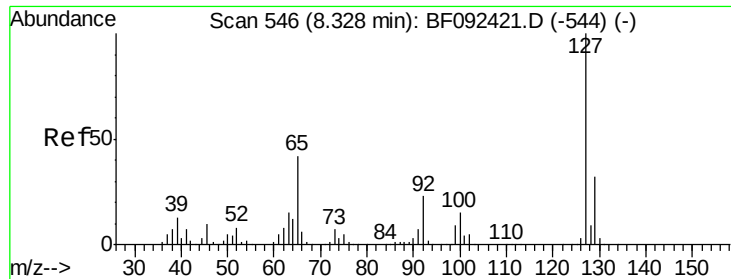


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

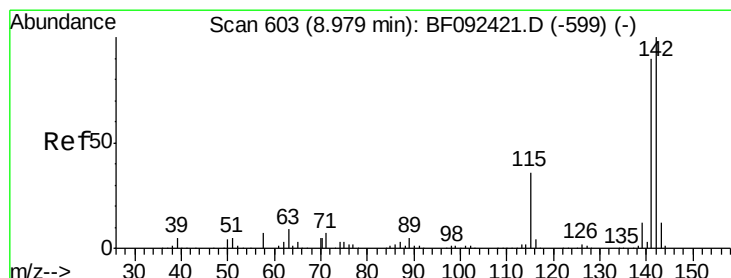
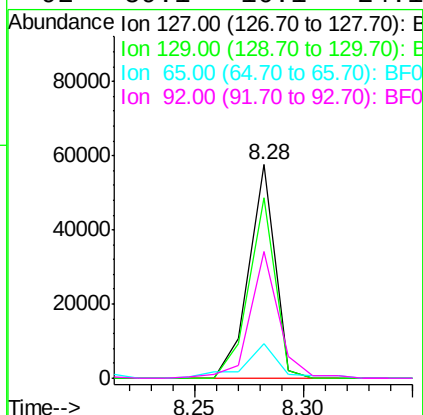
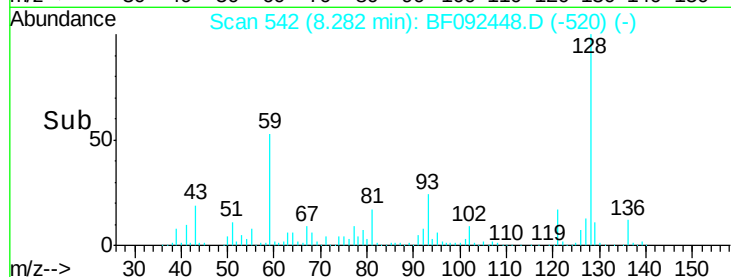
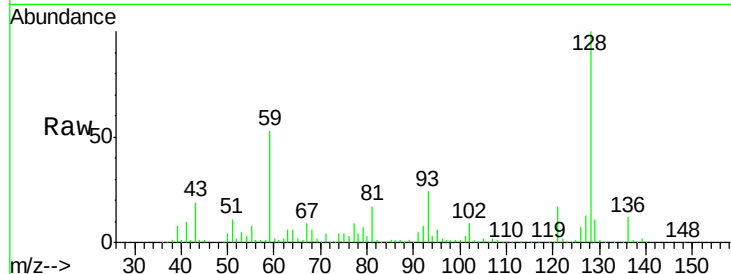




#33
4-Chloroaniline
Concen: 3.30 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF092448.D
Acq: 25 Jan 2017 00:08

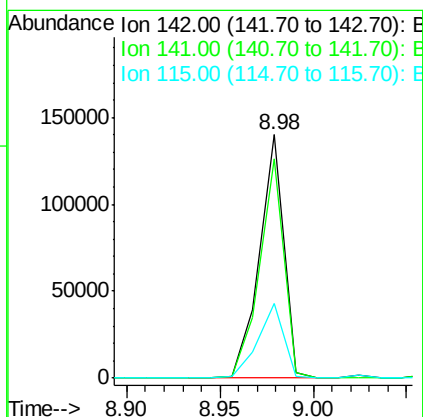
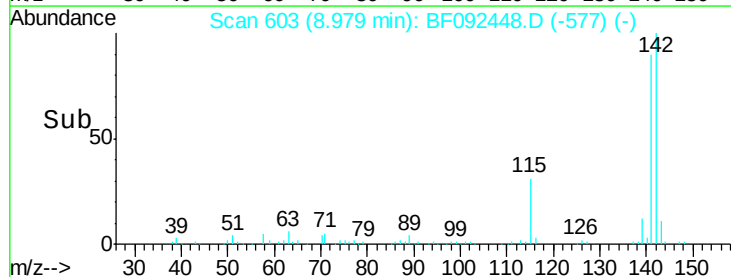
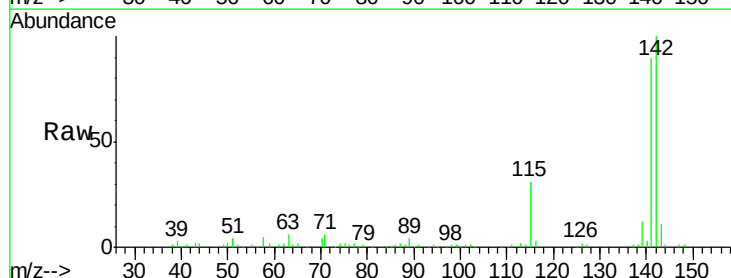
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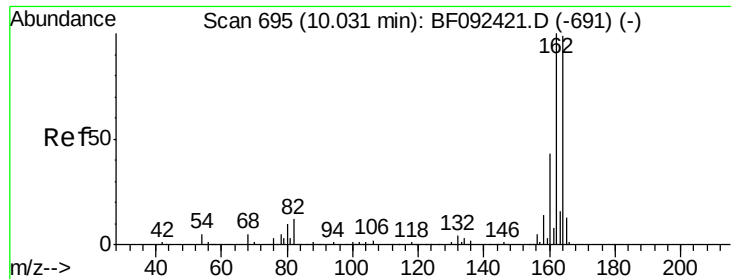
Tgt Ion:127 Resp: 48369
Ion Ratio Lower Upper
127 100
129 84.7 26.3 39.5#
65 16.0 25.8 38.8#
92 59.1 16.1 24.1#



#37
2-Methylnaphthalene
Concen: 5.75 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092448.D
Acq: 25 Jan 2017 00:08

Tgt Ion:142 Resp: 125948
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 30.6 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

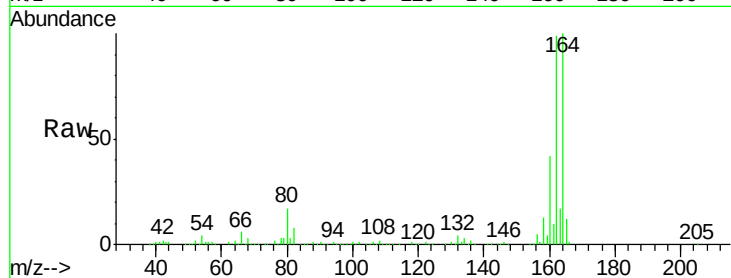
Tgt Ion:164 Resp: 329132

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

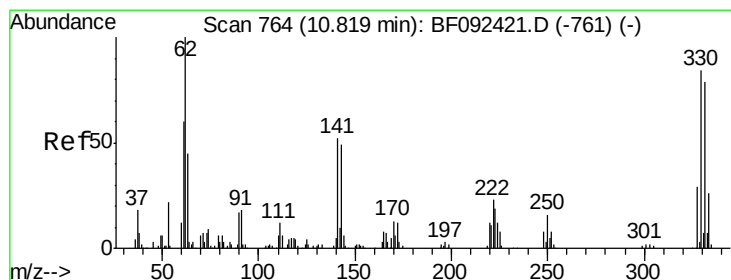
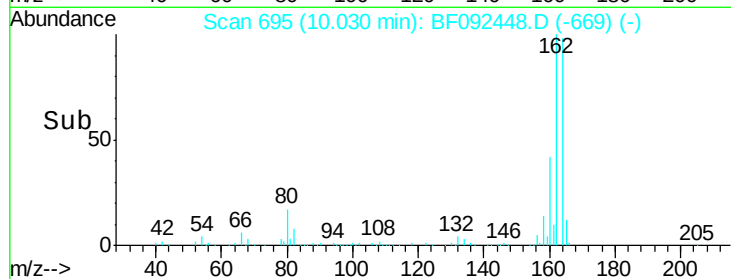
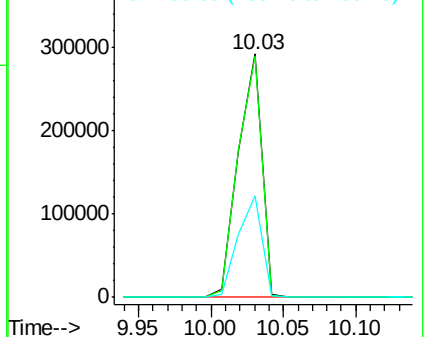
160 41.7 36.9 55.3



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: 26.81 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

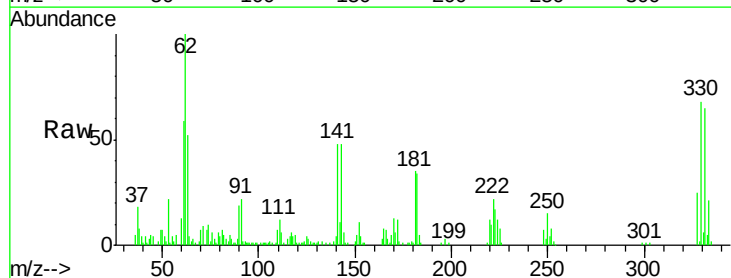
Tgt Ion:330 Resp: 60124

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

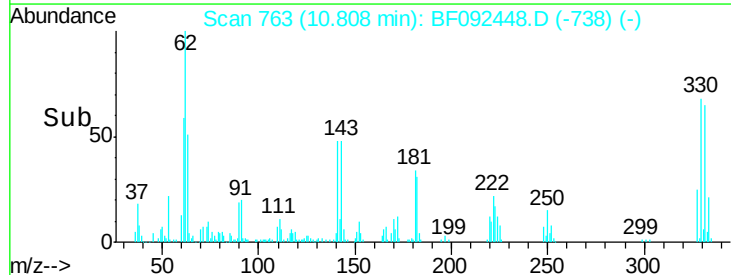
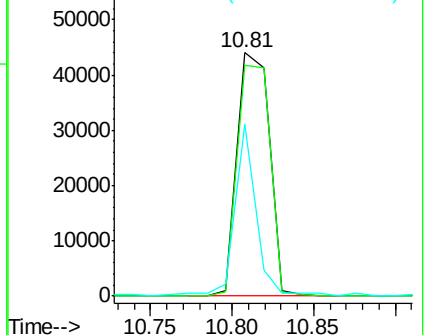
141 47.0 34.1 51.1

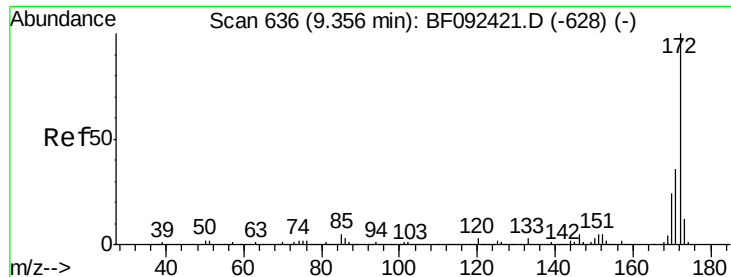


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

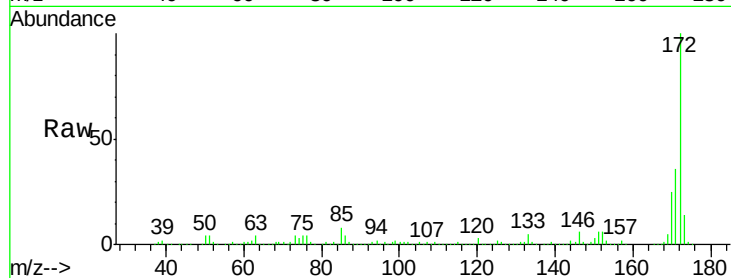




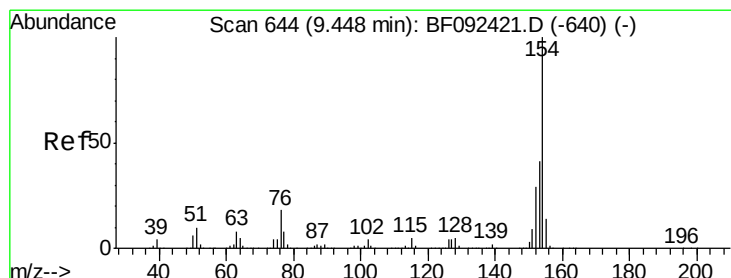
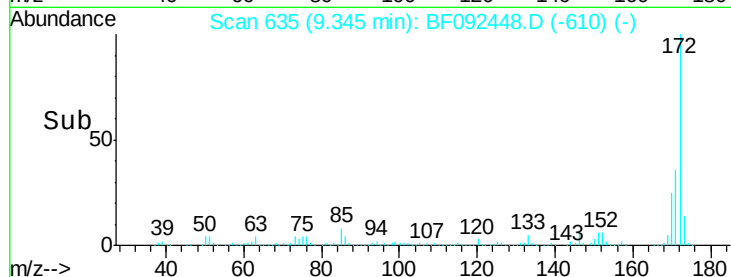
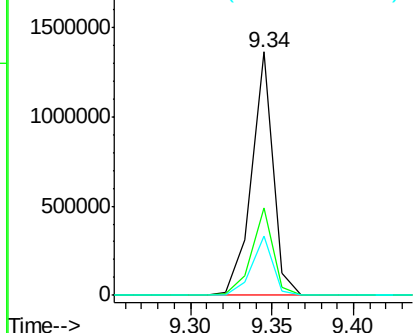
#44
 2-Fluorobiphenyl
 Concen: 70.11 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092448.D
 Acq: 25 Jan 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-001-B

Tgt Ion:172 Resp: 1247929
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.6 20.2 30.4

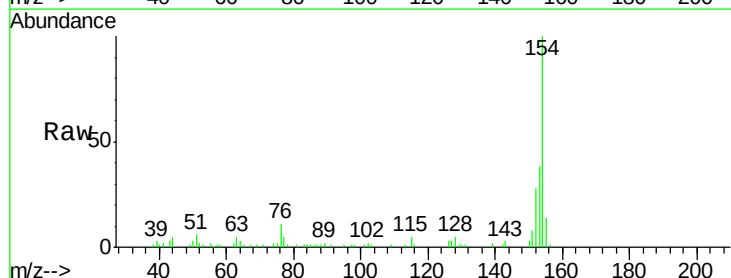


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

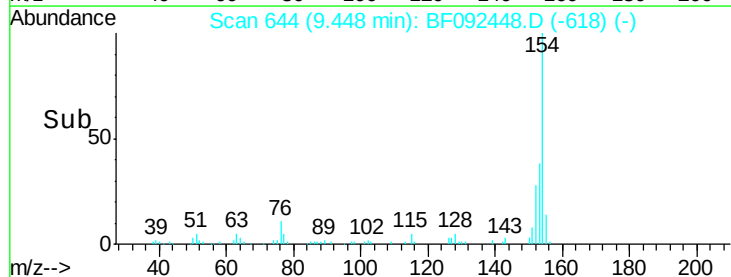
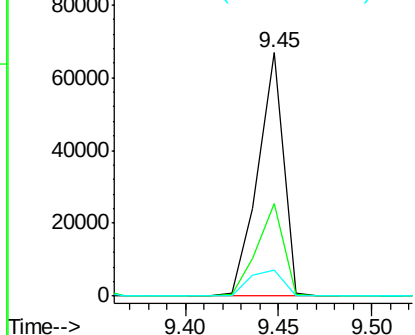


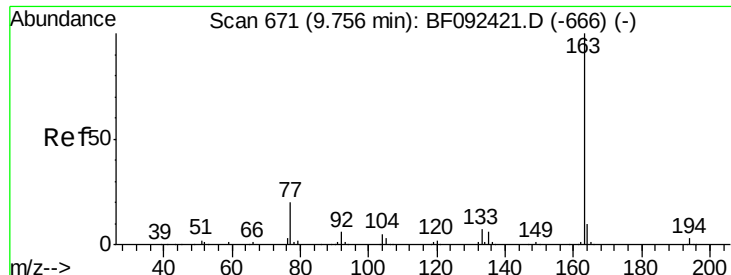
#45
 1,1'-Biphenyl
 Concen: 2.67 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF092448.D
 Acq: 25 Jan 2017 00:08

Tgt Ion:154 Resp: 63526
 Ion Ratio Lower Upper
 154 100
 153 38.0 20.9 60.9
 76 10.6 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

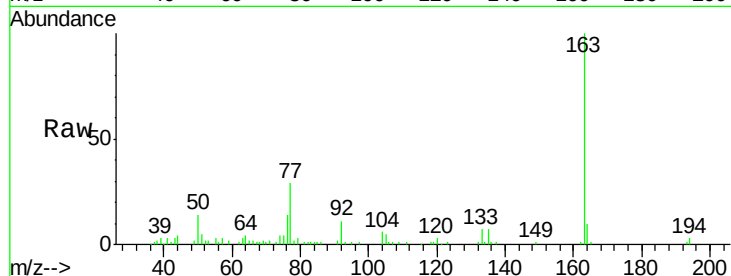




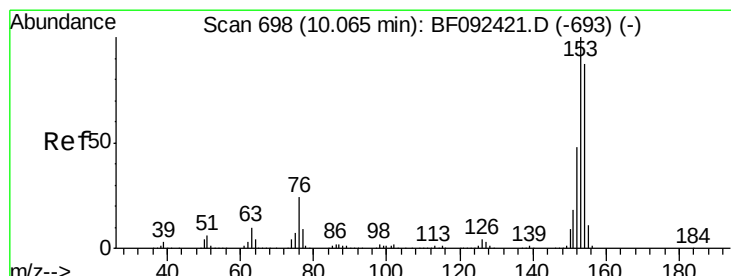
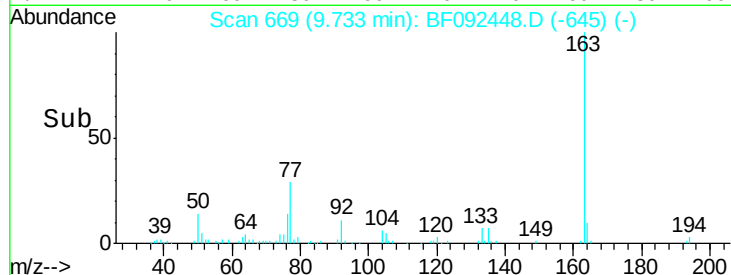
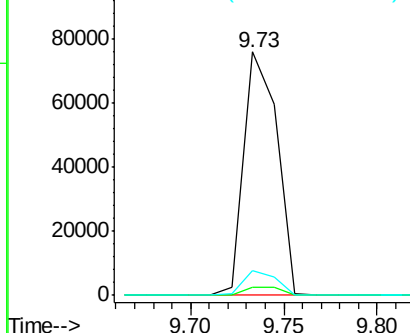
#49
Dimethylphthalate
Concen: 4.54 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092448.D
Acq: 25 Jan 2017 00:08

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-B

Tgt Ion:163 Resp: 94969
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.2 8.0 12.0

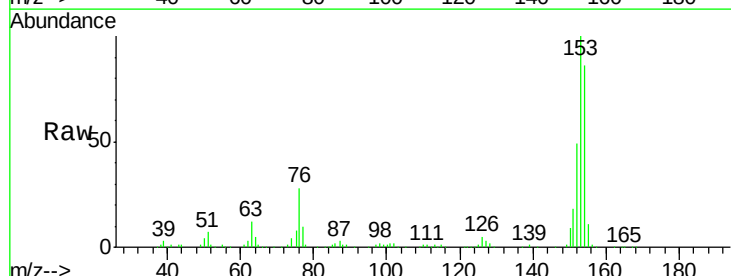


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

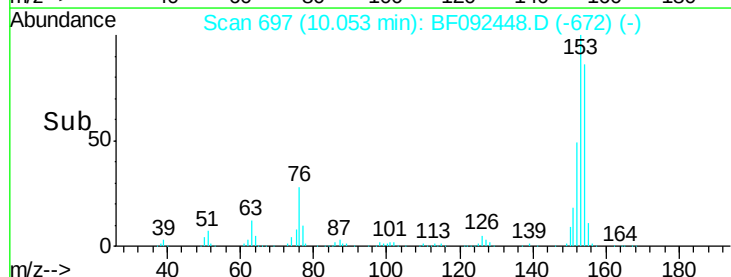
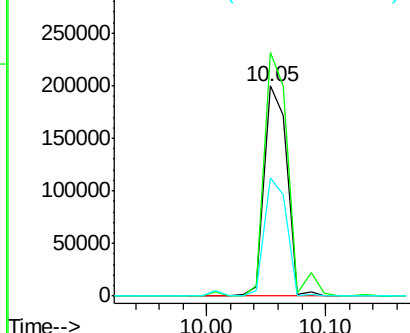


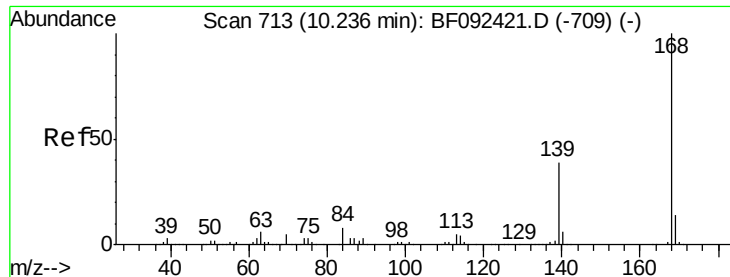
#51
Acenaphthene
Concen: 15.01 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF092448.D
Acq: 25 Jan 2017 00:08

Tgt Ion:154 Resp: 265821
Ion Ratio Lower Upper
154 100
153 116.0 88.6 133.0
152 56.5 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: 11.95 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

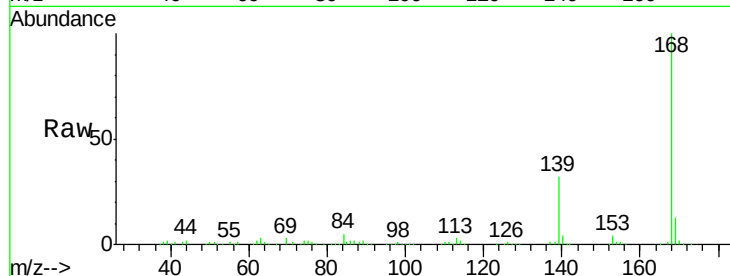
Tgt Ion:168 Resp: 287499

Ion Ratio Lower Upper

168 100

139 31.5 32.6 49.0#

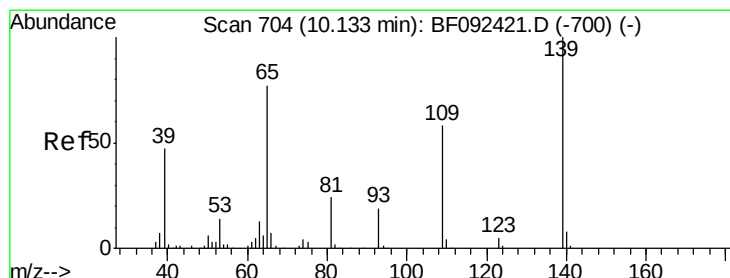
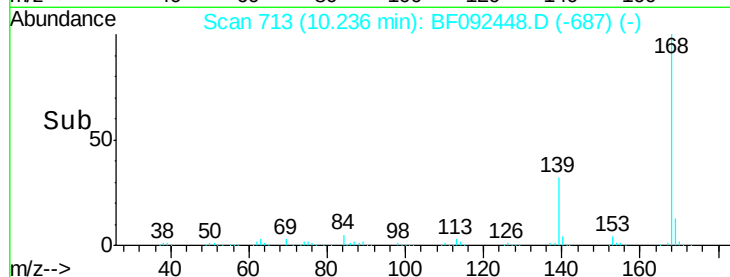
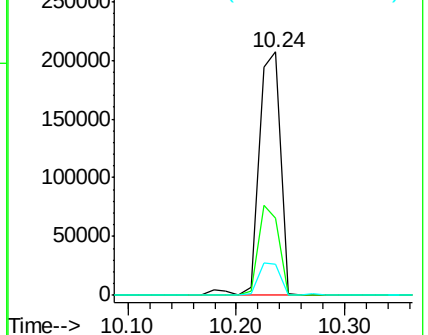
169 12.6 11.3 16.9



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: 23.81 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.09 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

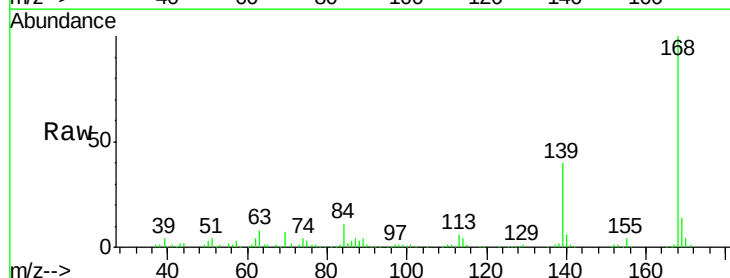
Tgt Ion:139 Resp: 101312

Ion Ratio Lower Upper

139 100

109 1.2 52.2 92.2#

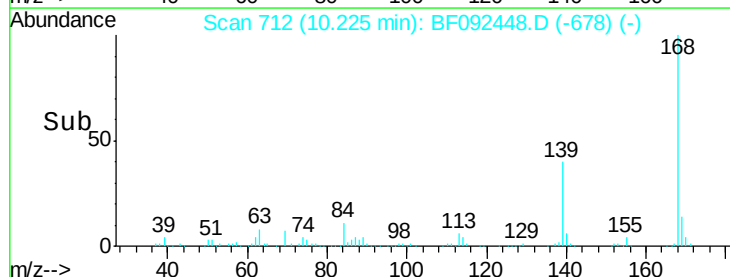
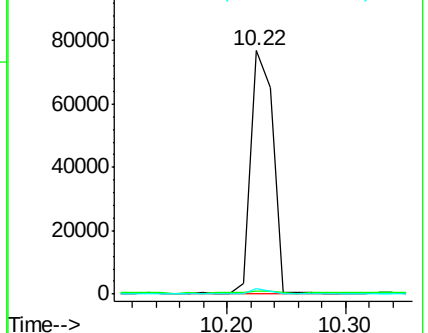
65 2.3 85.8 125.8#

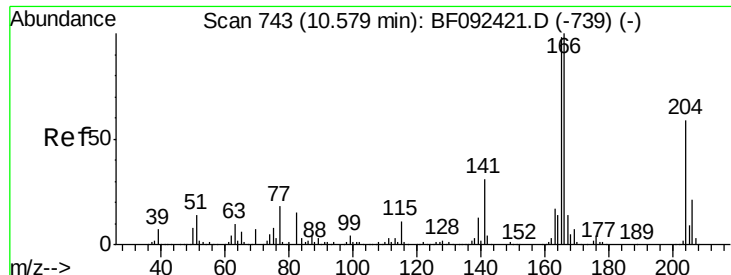


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

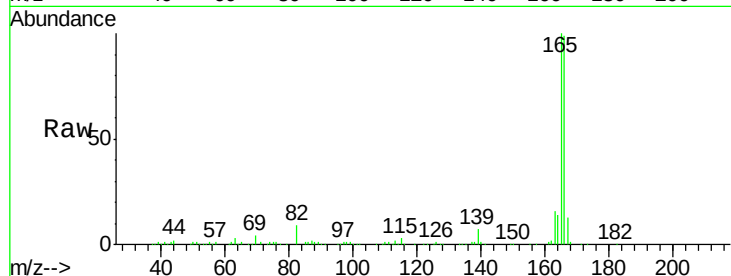




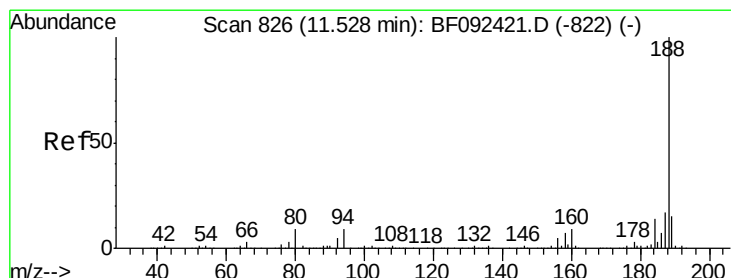
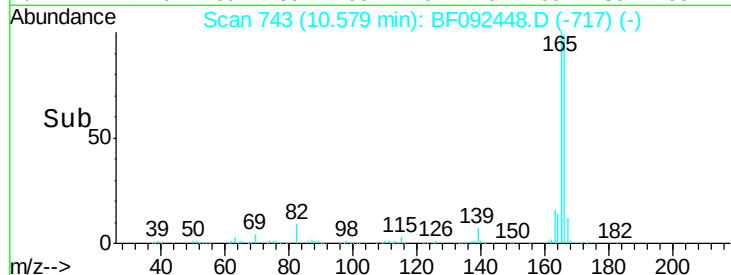
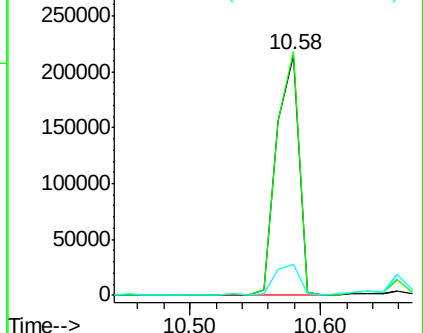
#57
Fluorene
 Concen: 14.65 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092448.D
 Acq: 25 Jan 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-001-B

Tgt Ion:166 Resp: 261182
 Ion Ratio Lower Upper
 166 100
 165 101.4 77.8 116.8
 167 12.7 10.8 16.2

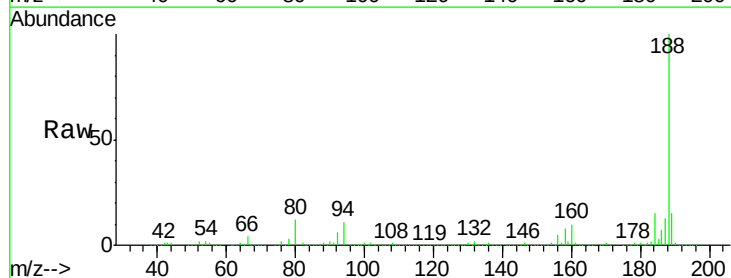


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

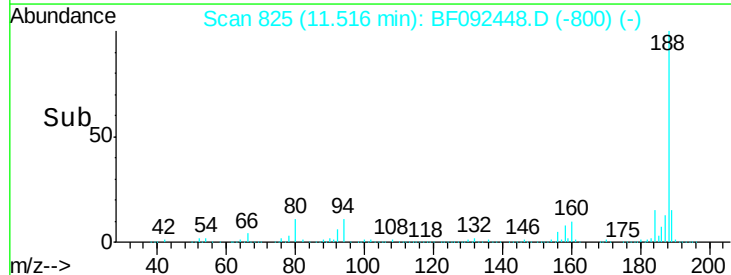
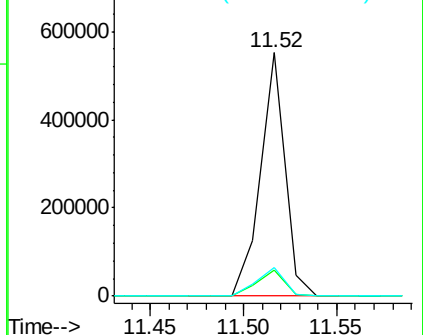


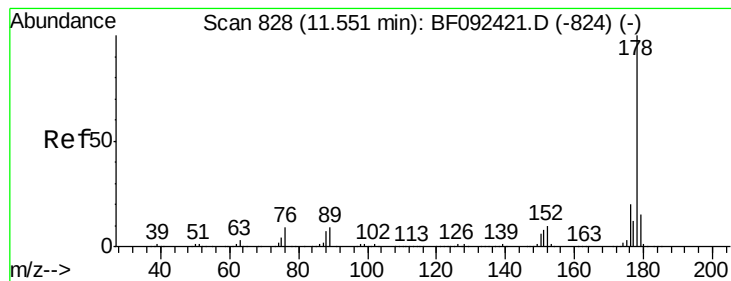
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092448.D
 Acq: 25 Jan 2017 00:08

Tgt Ion:188 Resp: 499810
 Ion Ratio Lower Upper
 188 100
 94 10.6 10.0 15.0
 80 11.5 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: 35.27 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

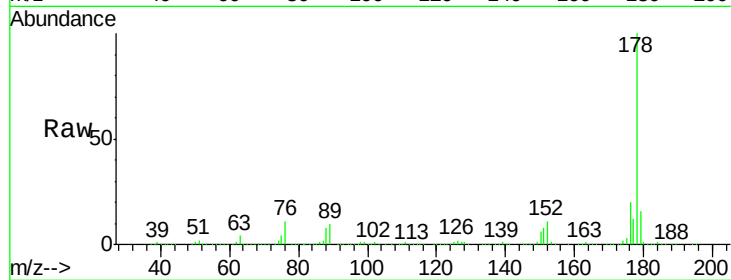
Tgt Ion:178 Resp: 970871

Ion Ratio Lower Upper

178 100

176 19.9 16.6 25.0

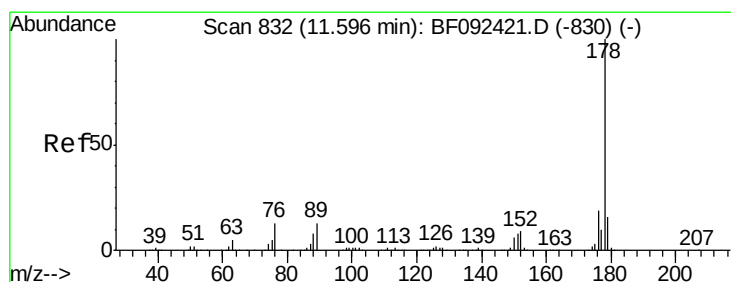
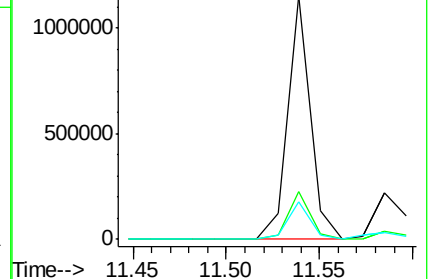
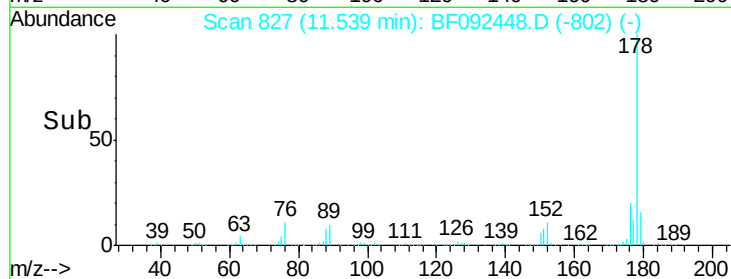
179 15.6 12.8 19.2



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: 9.00 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

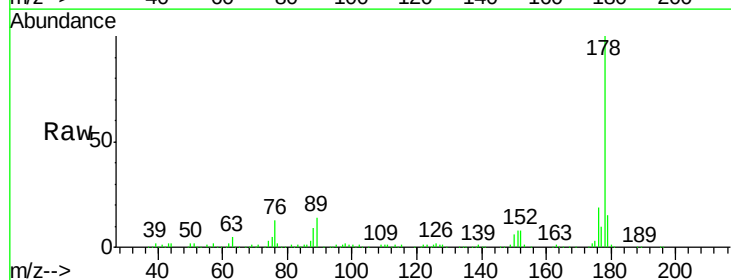
Tgt Ion:178 Resp: 242093

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

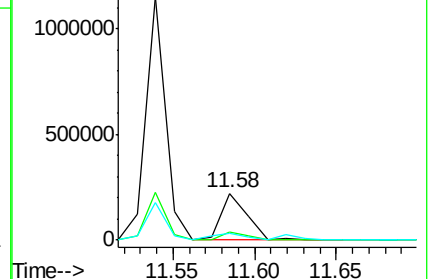
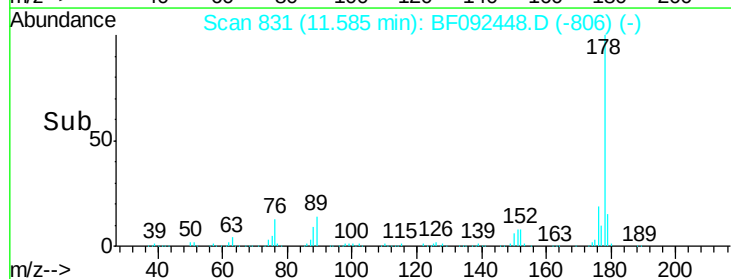
179 15.3 13.2 19.8

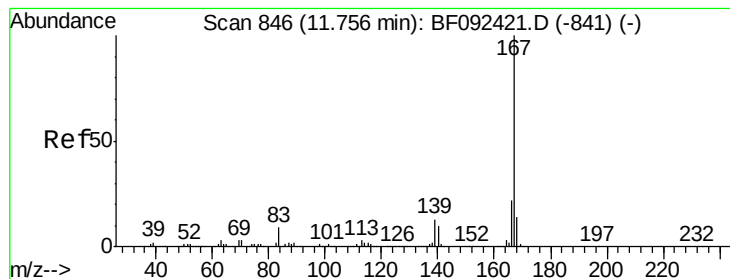


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.32 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

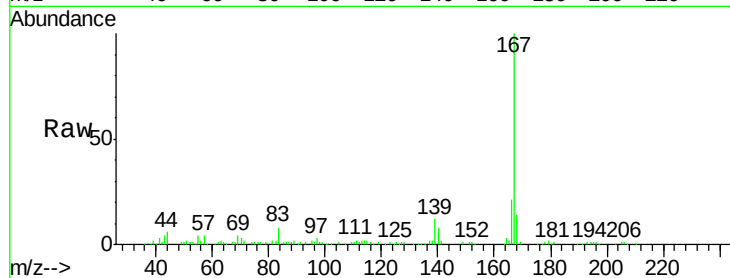
Tgt Ion:167 Resp: 110933

Ion Ratio Lower Upper

167 100

166 21.4 18.2 27.2

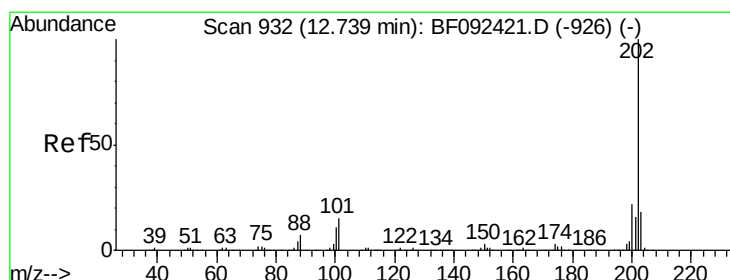
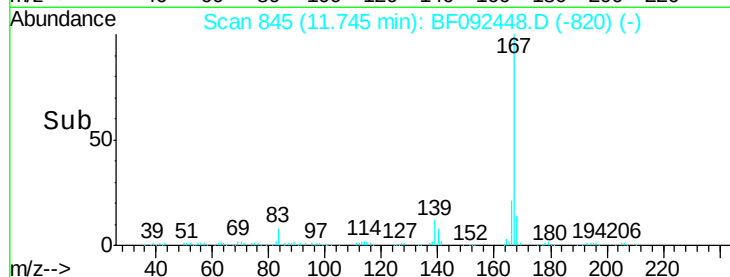
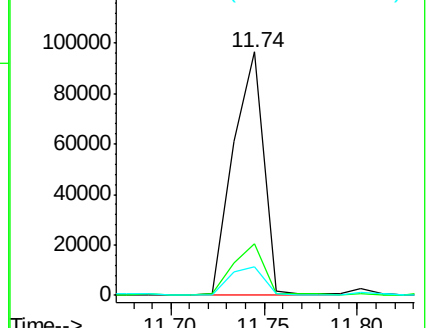
139 11.8 11.4 17.2



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



#74

Fluoranthene

Concen: 21.55 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

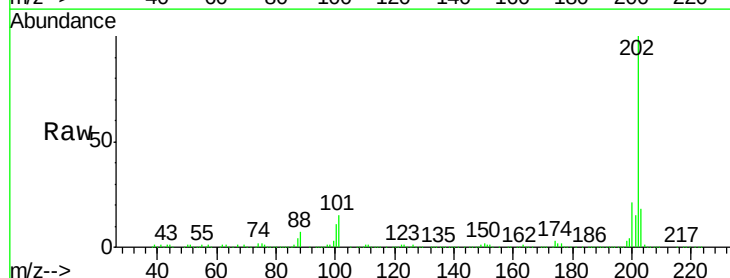
Tgt Ion:202 Resp: 580072

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

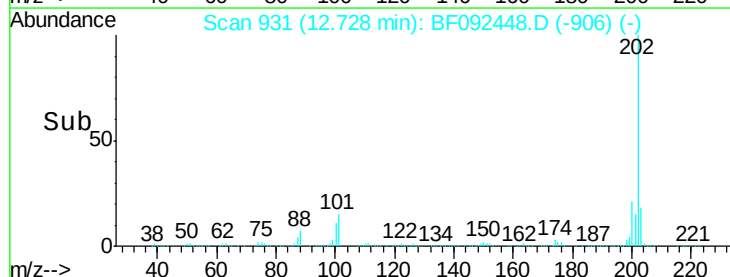
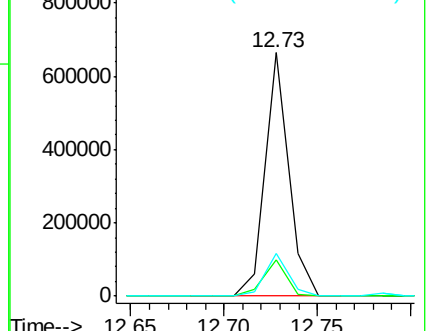
203 17.7 0.0 38.7

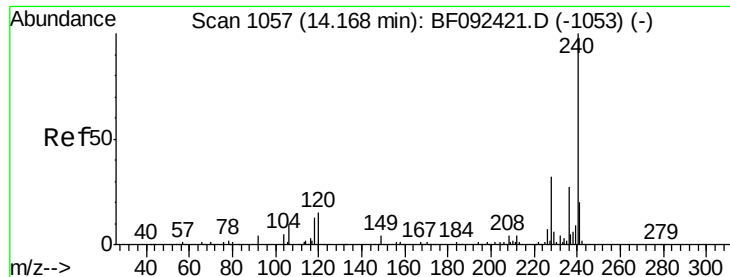


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

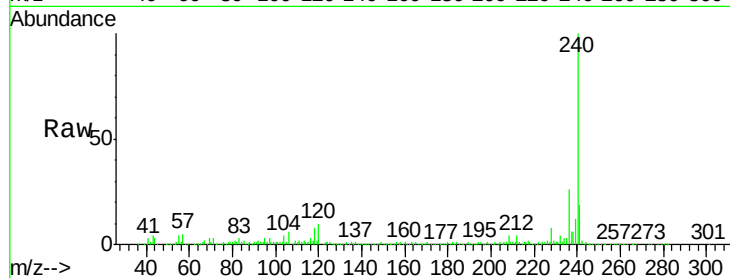
Tgt Ion:240 Resp: 344903

Ion Ratio Lower Upper

240 100

120 10.3 12.9 19.3#

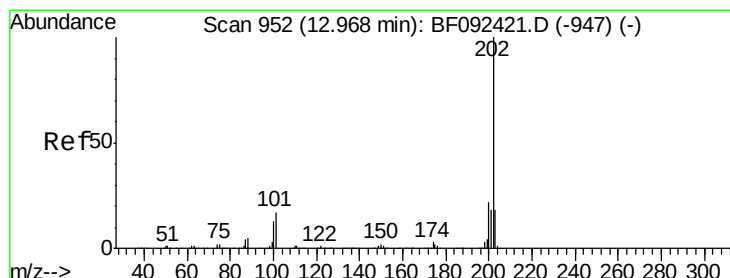
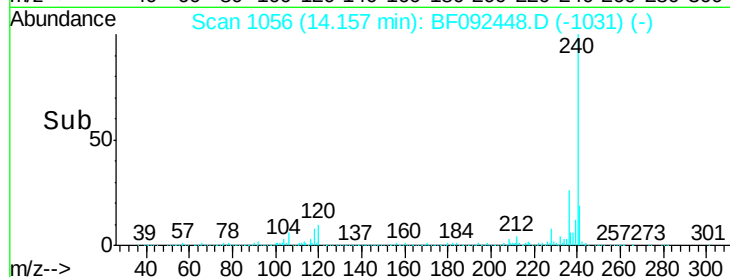
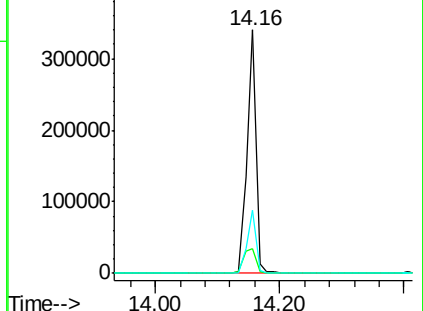
236 26.1 20.9 31.3



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: 18.52 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

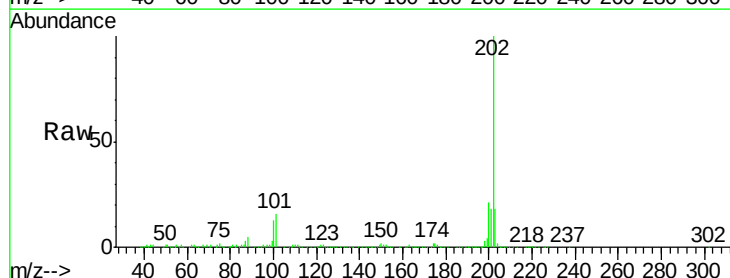
Tgt Ion:202 Resp: 462825

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

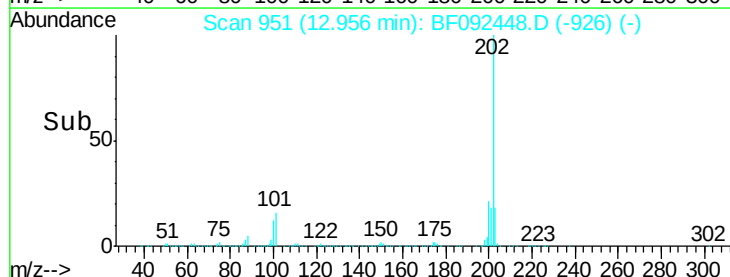
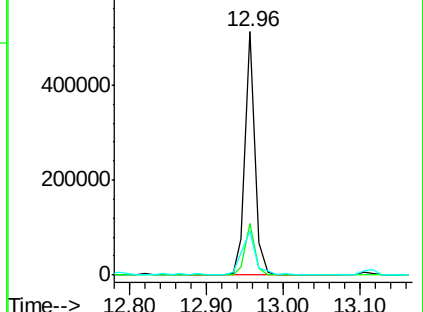
203 18.1 14.7 22.1

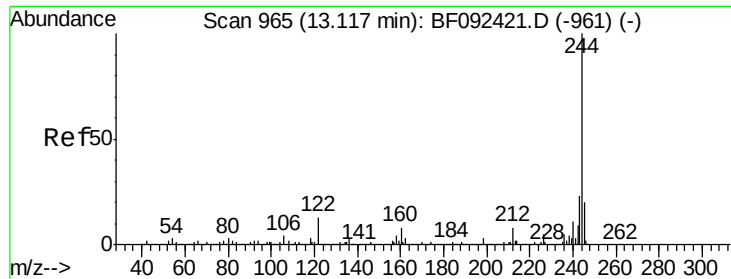


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

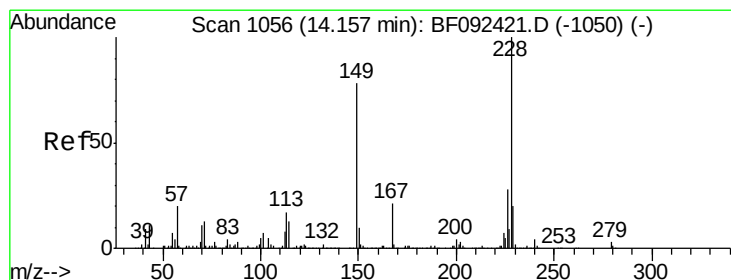
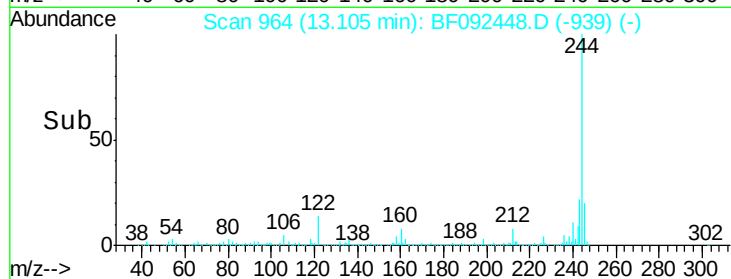
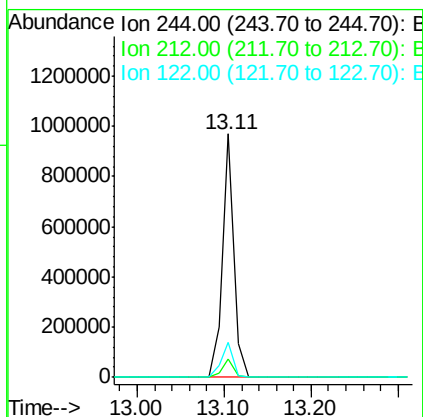
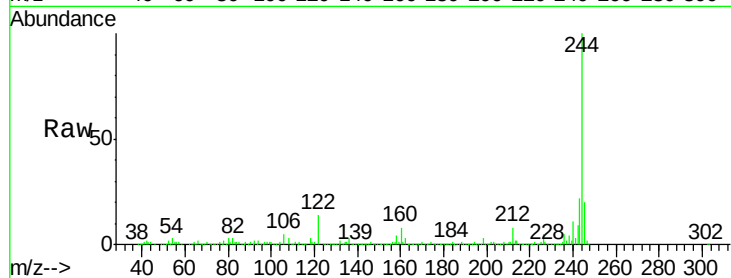




#78
 Terphenyl-d14
 Concen: 69.71 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092448.D
 Acq: 25 Jan 2017 00:08

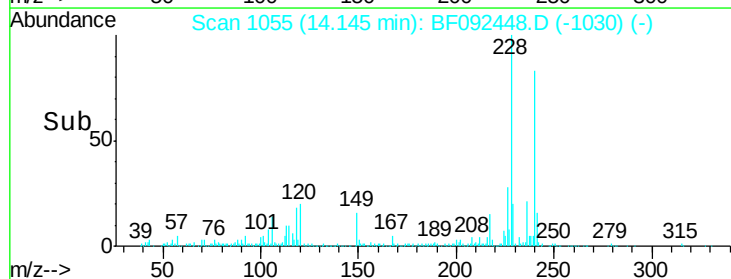
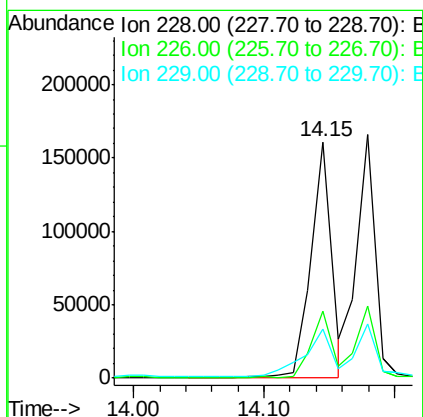
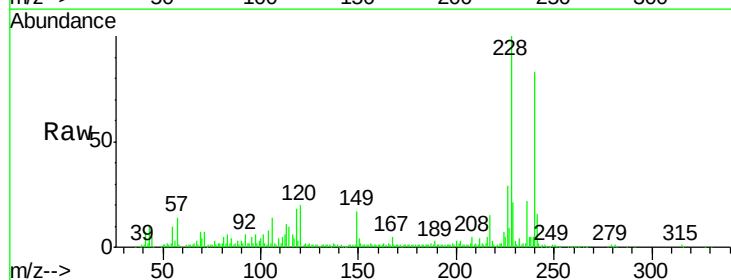
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-001-B

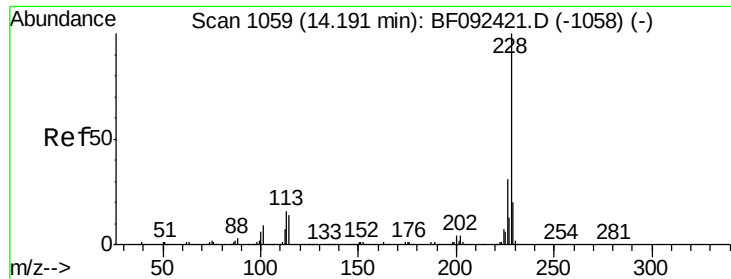
Tgt Ion:244 Resp: 902953
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.5 11.4 17.2



#80
 Benzo(a)anthracene
 Concen: 9.32 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092448.D
 Acq: 25 Jan 2017 00:08

Tgt Ion:228 Resp: 172722
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.4 33.6
 229 20.9 16.2 24.4





#82

Chrysene

Concen: 8.73 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.05 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

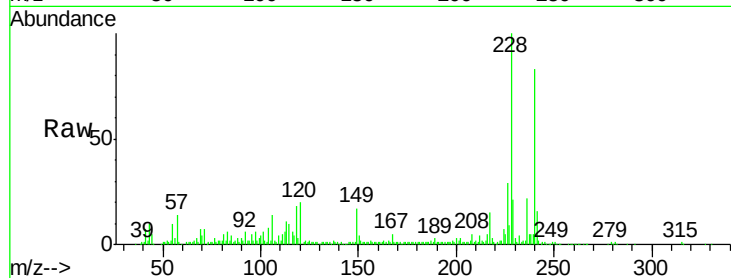
Tgt Ion: 228 Resp: 172722

Ion Ratio Lower Upper

228 100

226 28.6 25.4 38.0

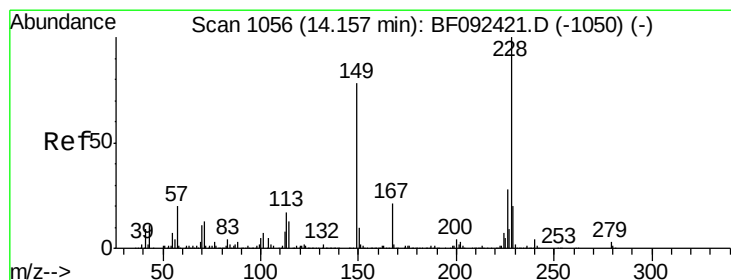
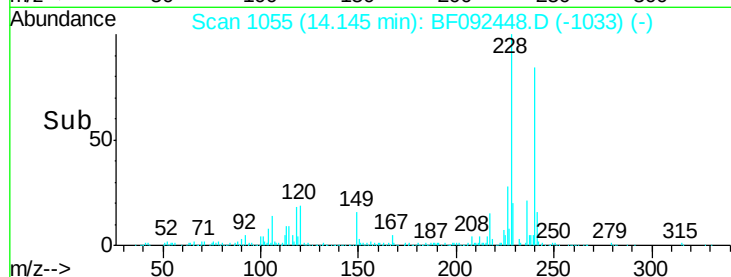
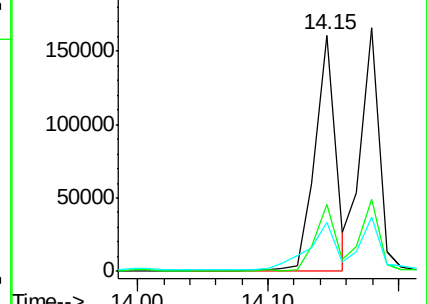
229 20.9 16.2 24.2



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: 2.39 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

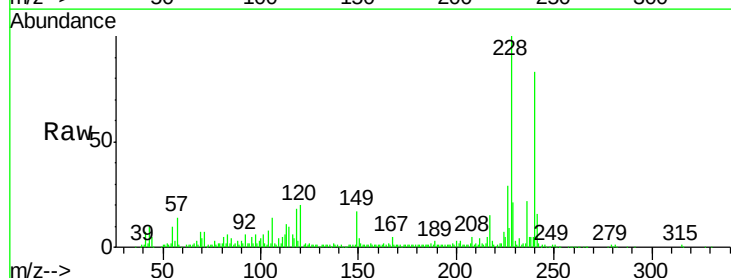
Tgt Ion: 149 Resp: 30516

Ion Ratio Lower Upper

149 100

167 28.4 20.2 30.4

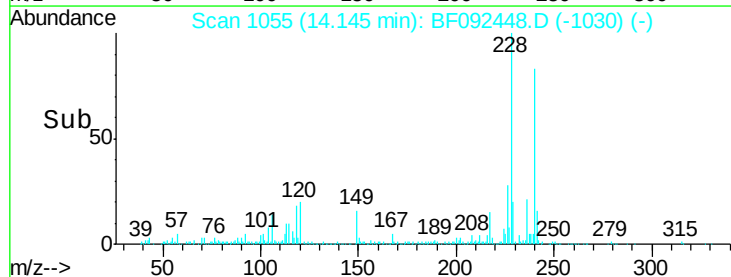
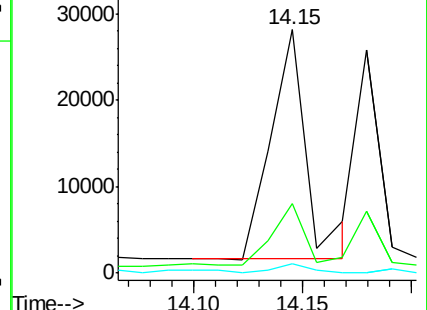
279 3.6 1.8 2.8#

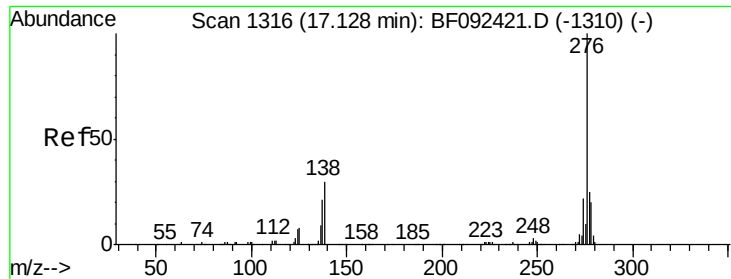


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

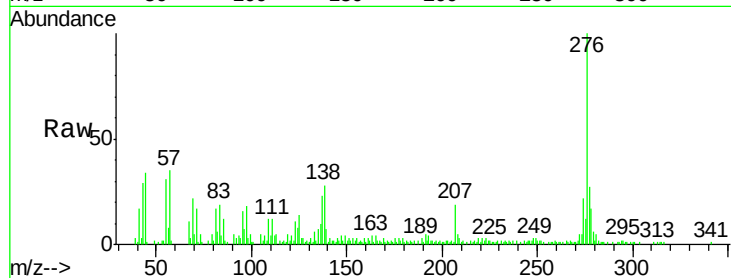




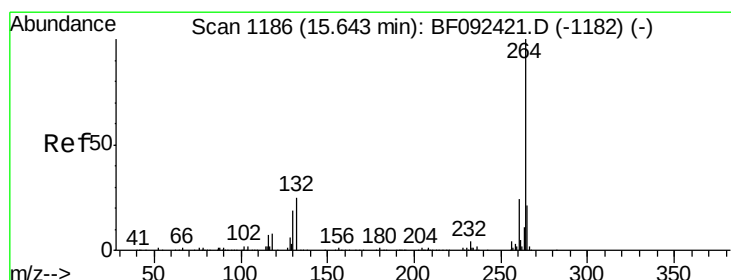
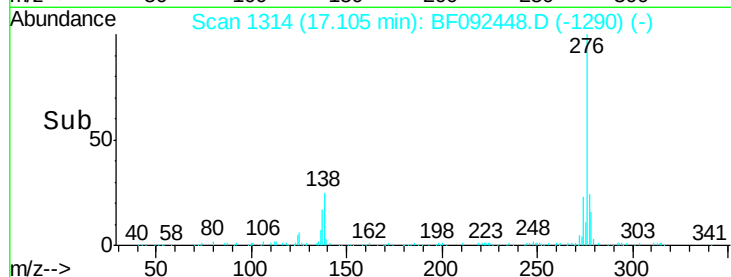
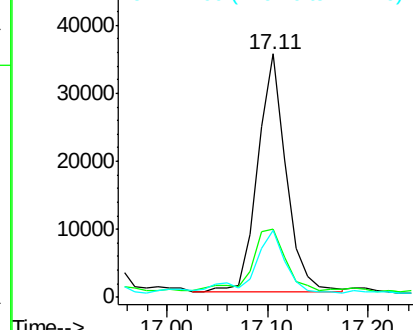
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.68 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF092448.D
Acq: 25 Jan 2017 00:08

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-B

Tgt Ion:276 Resp: 68474
Ion Ratio Lower Upper
276 100
138 31.3 21.8 32.6
277 31.2 20.2 30.4#

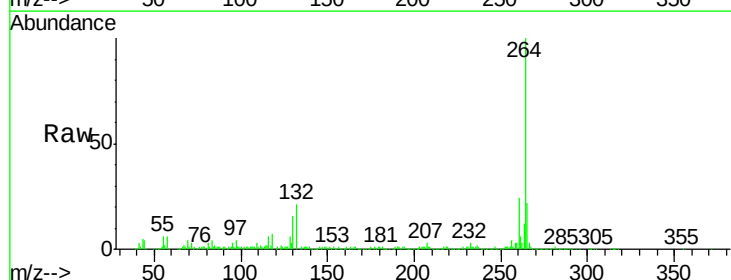


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

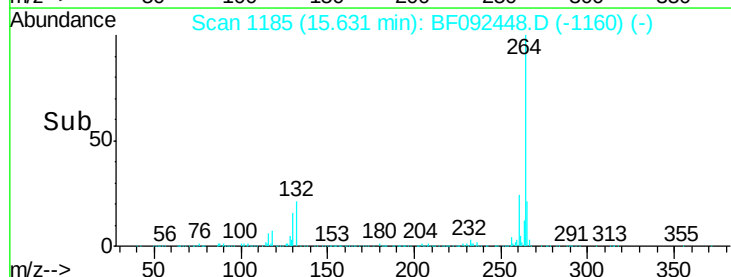
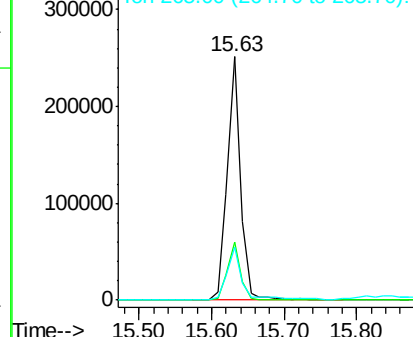


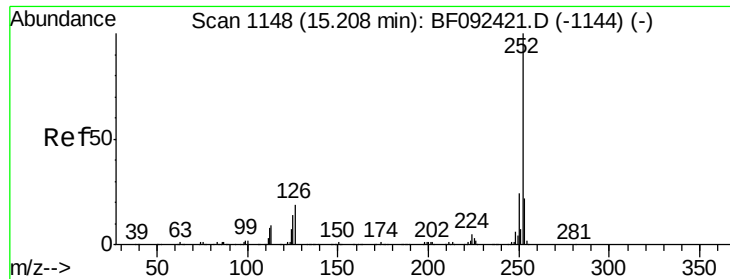
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092448.D
Acq: 25 Jan 2017 00:08

Tgt Ion:264 Resp: 324068
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.5 17.4 26.0



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

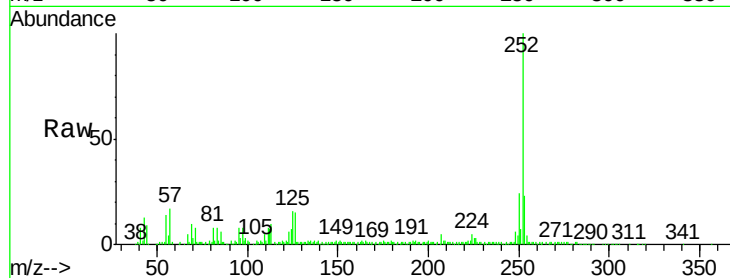




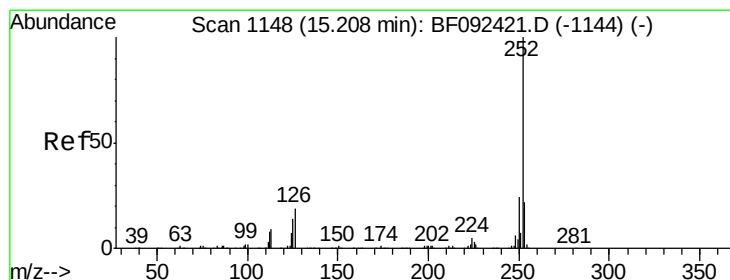
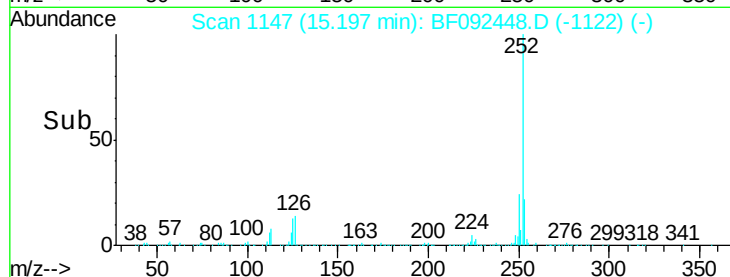
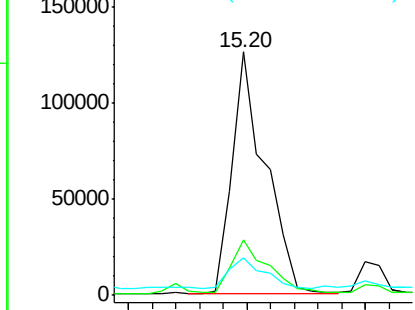
#87
Benzo(b)fluoranthene
Concen: 11.73 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092448.D
Acq: 25 Jan 2017 00:08

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-001-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	15.6	9.8	14.6#

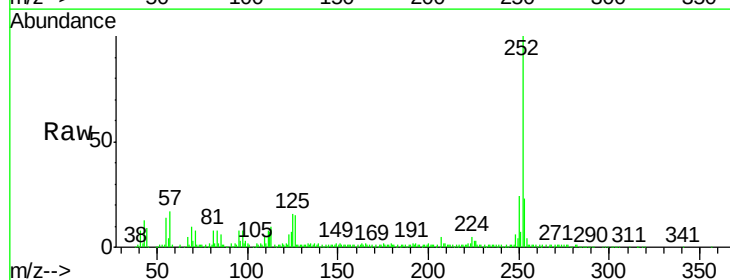


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

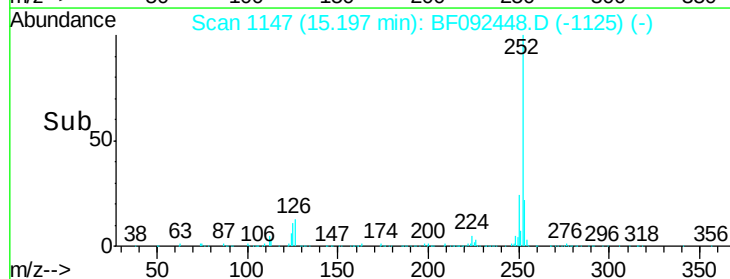
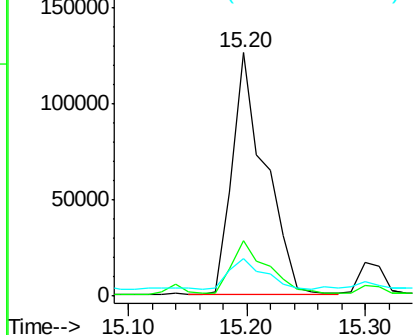


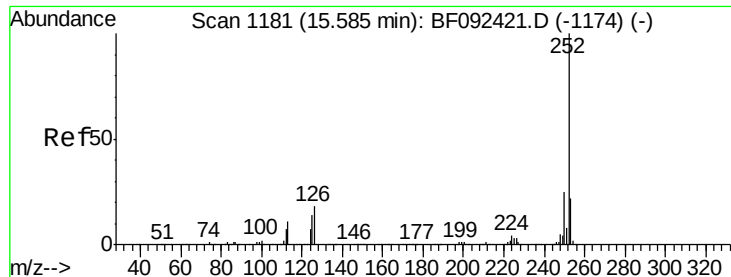
#88
Benzo(k)fluoranthene
Concen: 14.10 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092448.D
Acq: 25 Jan 2017 00:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	15.6	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: 7.37 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

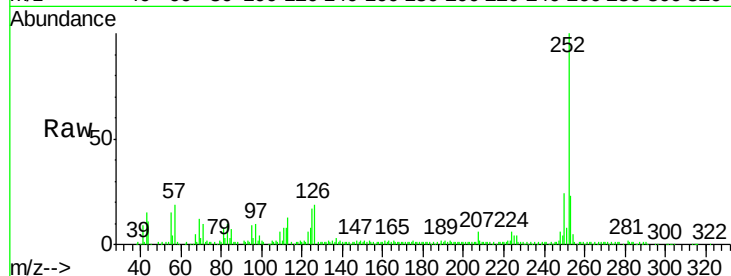
Instrument :

BNA_F

ClientSampleId :

FK-SF-01-001-B

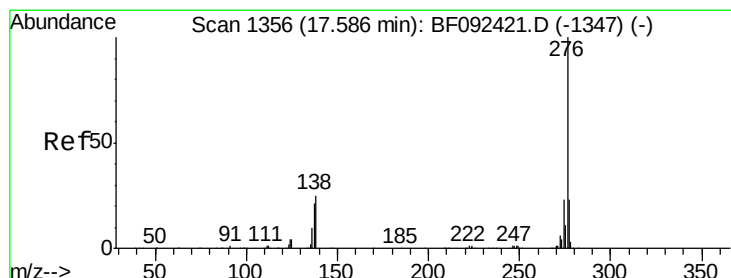
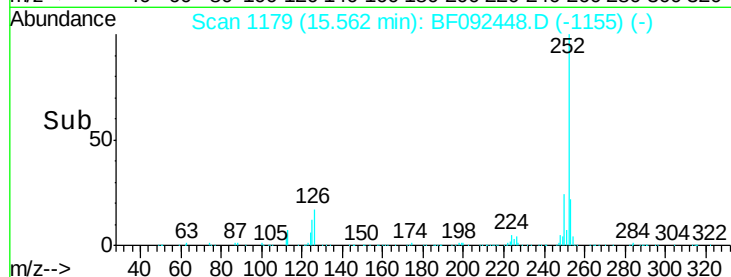
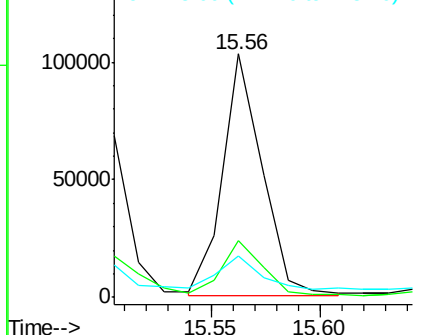
Tgt Ion:	252	Resp:	129703
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	16.8	10.0	15.0#



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



#91

Benzo(g,h,i)perylene

Concen: 4.85 ng

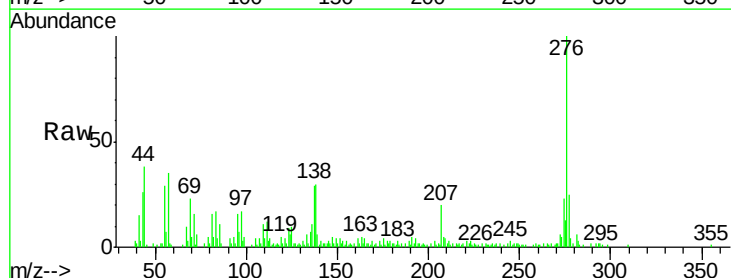
RT: 17.55 min Scan# 1353

Delta R.T. -0.03 min

Lab File: BF092448.D

Acq: 25 Jan 2017 00:08

Tgt Ion:	276	Resp:	69824
Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	29.6	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

