

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085863.D
 Acq On : 29 Mar 2016 21:57
 Operator : UM/SJ
 Sample : H1970-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Mar 29 23:53:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111750	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	451693	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	190196	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	318983	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	220324	20.00	ng	-0.01
86) Perylene-d12	15.39	264	223759	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	895405	133.44	ng	0.00
7) Phenol-d6	6.45	99	1202878	141.00	ng	-0.01
23) Nitrobenzene-d5	7.37	82	665107	82.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	248107	137.30	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	974907	85.64	ng	-0.02
78) Terphenyl-d14	12.92	244	716480	66.88	ng	-0.01

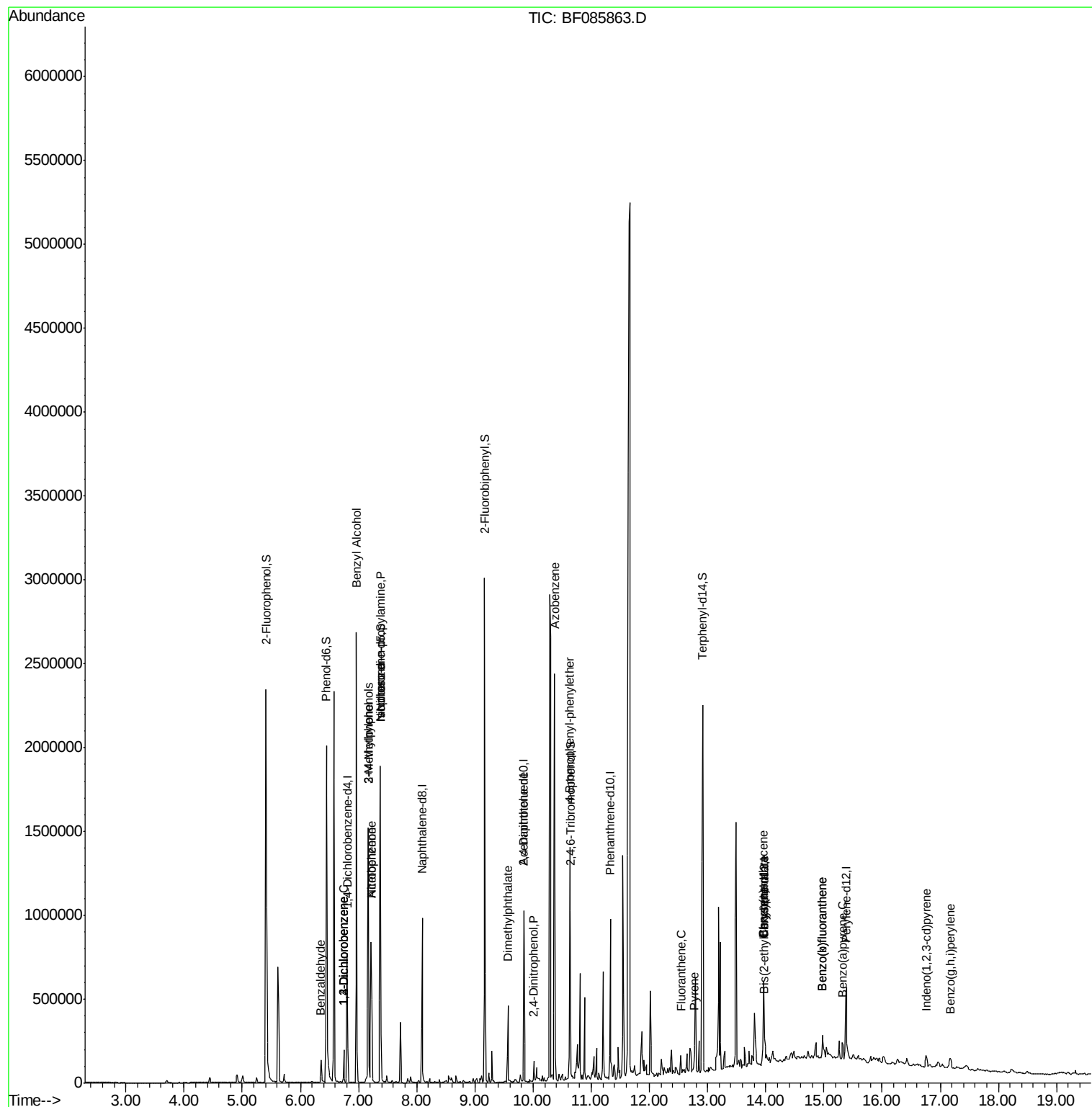
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	36236	7.05	ng	95
12) 1,3-Dichlorobenzene	6.74	146	45034	5.36	ng	# 94
13) 1,4-Dichlorobenzene	6.74	146	45034	5.29	ng	97
14) 1,2-Dichlorobenzene	6.74	146	45034	5.68	ng	99
15) Benzyl Alcohol	6.96	79	12313	2.16	ng	# 47
17) 2-Methylphenol	7.17	107	316966	50.78	ng	# 20
19) n-Nitroso-di-n-propylamine	7.37	70	88957	17.41	ng	# 78
20) 3+4-Methylphenols	7.17	107	317663	42.33	ng	# 23
22) Acetophenone	7.21	105	443198	42.12	ng	# 85
24) Nitrobenzene	7.21	77	227209	27.48	ng	# 42
25) Isophorone	7.37	82	543734	35.19	ng	# 68
37) 2-Methylnaphthalene	8.80	142	1423	Below	Cal	# 91
49) Dimethylphthalate	9.57	163	200586	13.90	ng	98
53) 2,4-Dinitrophenol	10.01	184	635	6.41	ng	# 1
56) 2,4-Dinitrotoluene	9.84	165	24413	6.18	ng	# 38
62) Azobenzene	10.37	77	162675	11.87	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15284	4.68	ng	# 1
74) Fluoranthene	12.54	202	45081	2.59	ng	91
77) Pyrene	12.77	202	43396	2.40	ng	99
80) Benzo(a)anthracene	13.96	228	31103	2.48	ng	94
82) Chrysene	13.96	228	31103	2.46	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	32580	3.59	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.76	276	44575	4.56	ng	93
87) Benzo(b)fluoranthene	14.97	252	89551	6.35	ng	# 96
88) Benzo(k)fluoranthene	14.97	252	89551	7.05	ng	# 93
89) Benzo(a)pyrene	15.32	252	48381	3.87	ng	# 91
91) Benzo(g,h,i)perylene	17.17	276	47819	4.06	ng	100

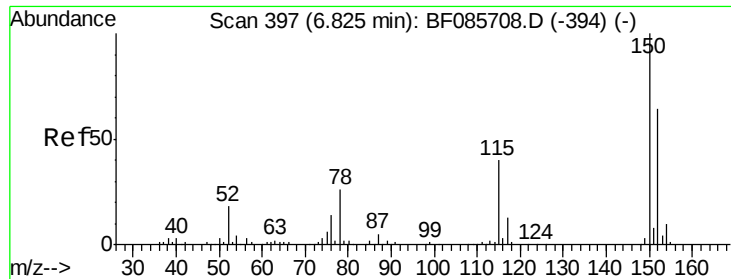
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampled :

TP-5

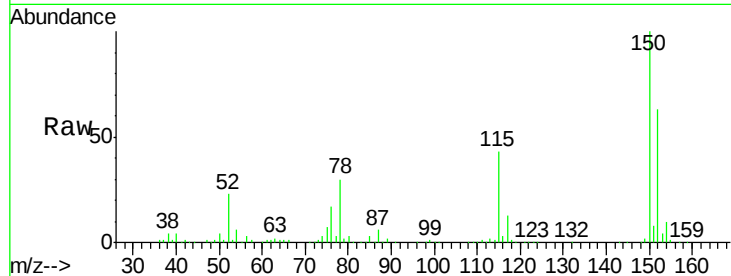
Tgt Ion:152 Resp: 111750

Ion Ratio Lower Upper

152 100

150 158.4 124.2 186.2

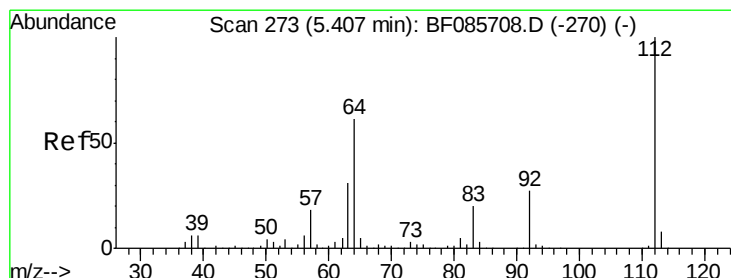
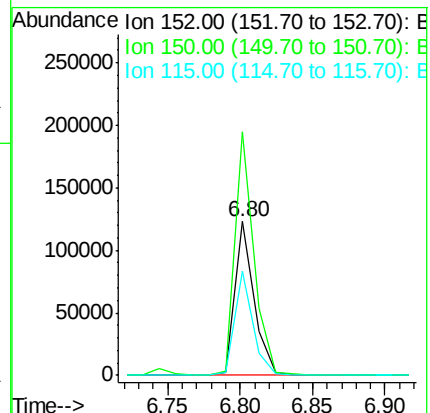
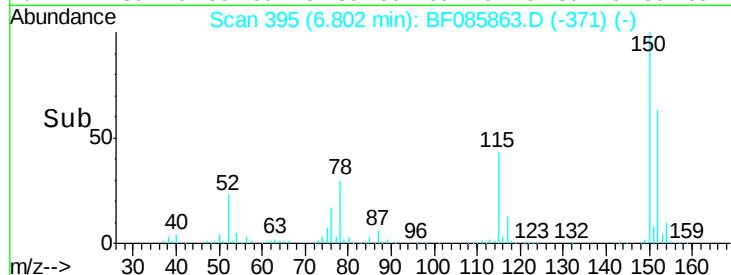
115 67.7 47.0 70.6



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: 133.44 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

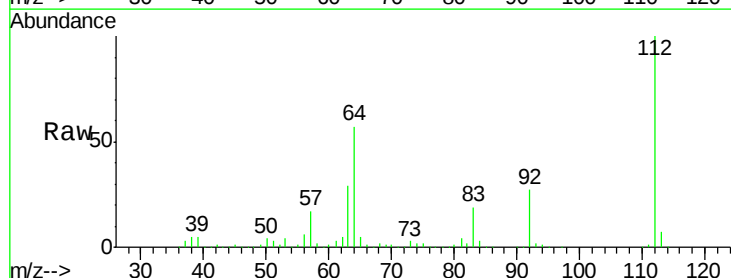
Tgt Ion:112 Resp: 895405

Ion Ratio Lower Upper

112 100

64 57.0 39.9 59.9

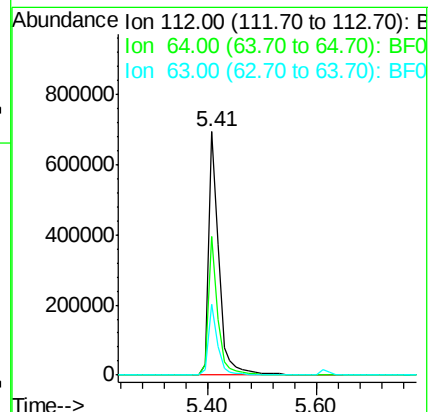
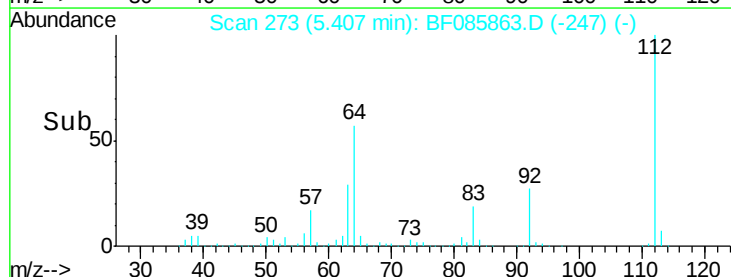
63 29.3 20.2 30.2



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: 141.00 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

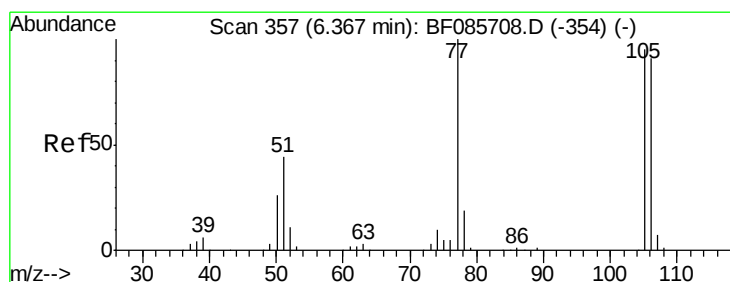
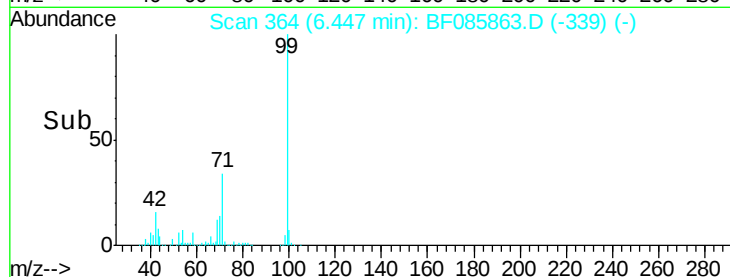
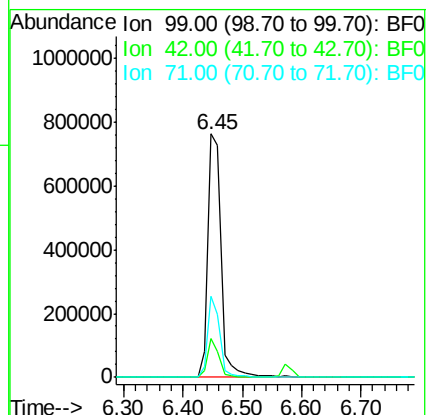
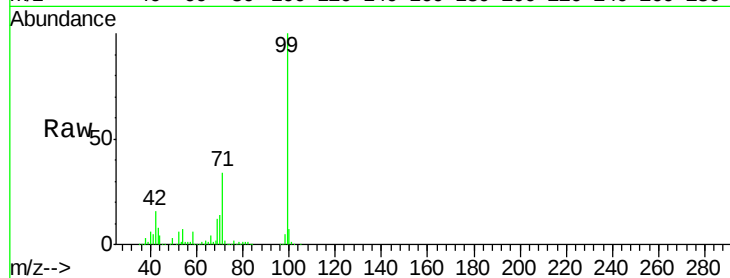
Tgt Ion: 99 Resp: 1202878

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

71 33.5 24.9 37.3



#9

Benzaldehyde

Concen: 7.05 ng

RT: 6.36 min Scan# 356

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

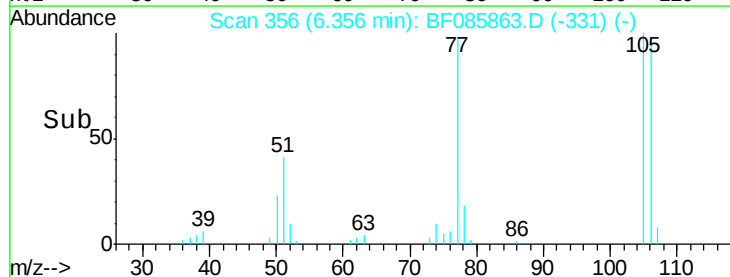
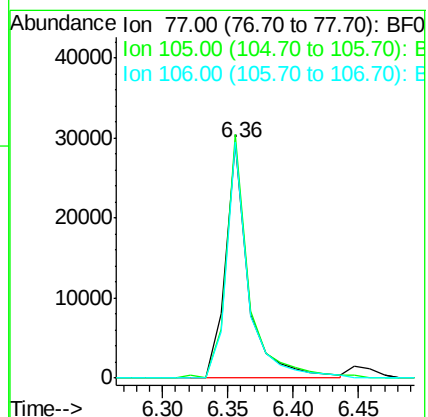
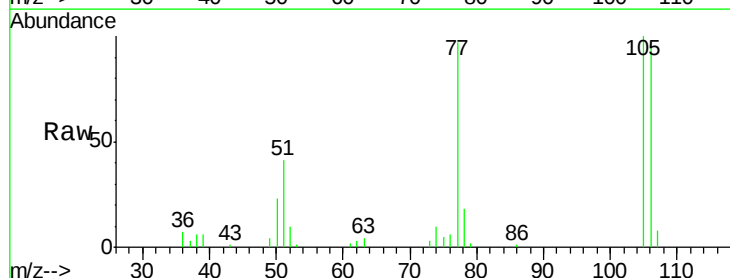
Tgt Ion: 77 Resp: 36236

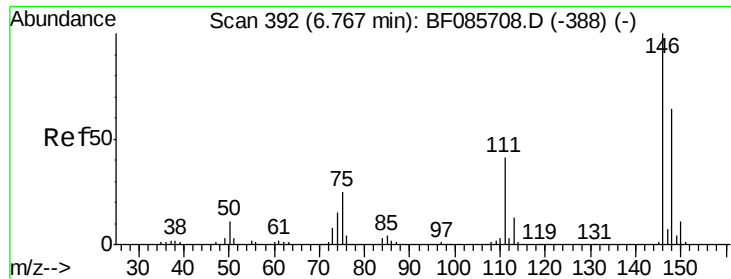
Ion Ratio Lower Upper

77 100

105 103.6 80.1 120.1

106 100.4 75.0 115.0

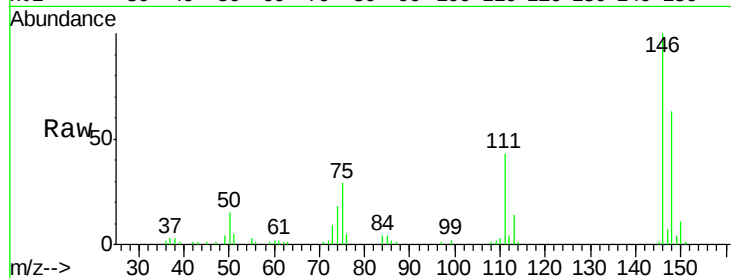




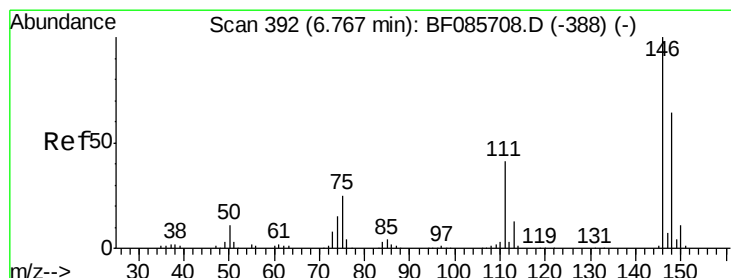
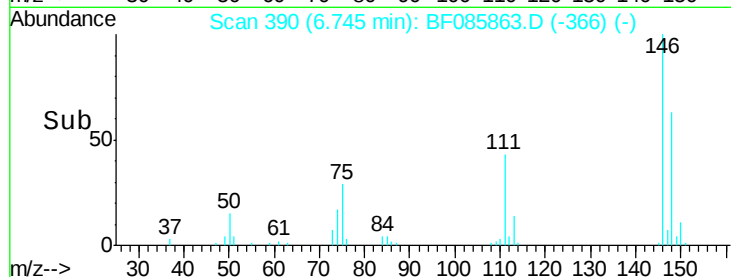
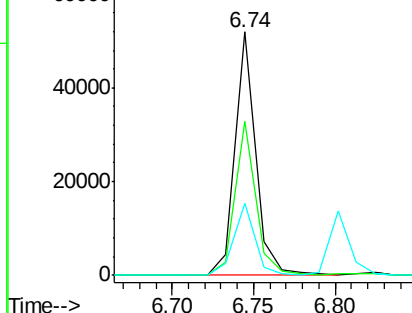
#12
 1,3-Dichlorobenzene
 Concen: 5.36 ng
 RT: 6.74 min Scan# 390
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:146 Resp: 45034
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.3 78.5
 75 29.4 17.4 26.2#

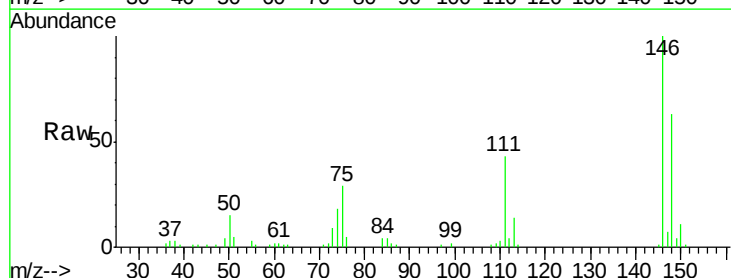


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

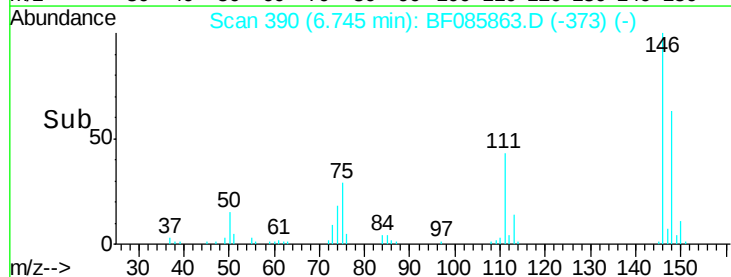
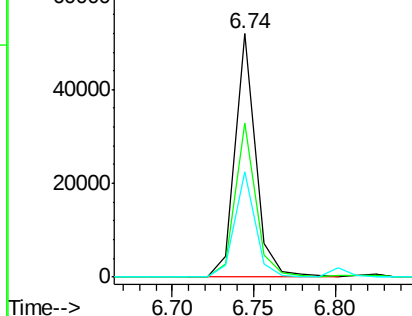


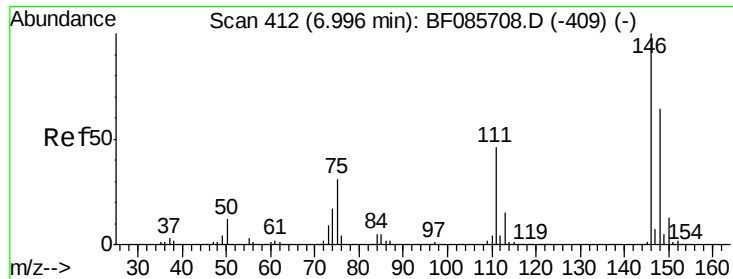
#13
 1,4-Dichlorobenzene
 Concen: 5.29 ng
 RT: 6.74 min Scan# 390
 Delta R.T. -0.10 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Tgt Ion:146 Resp: 45034
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 43.3 37.8 56.6



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





#14

1,2-Dichlorobenzene

Concen: 5.68 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.25 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

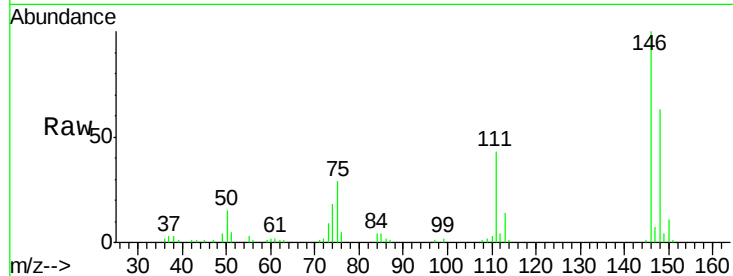
Tgt Ion:146 Resp: 45034

Ion Ratio Lower Upper

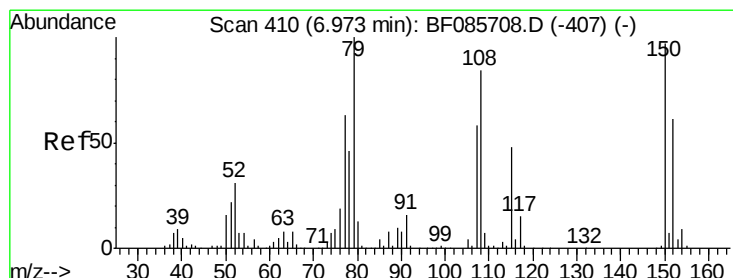
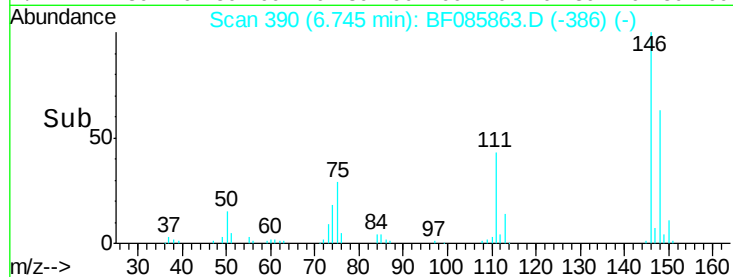
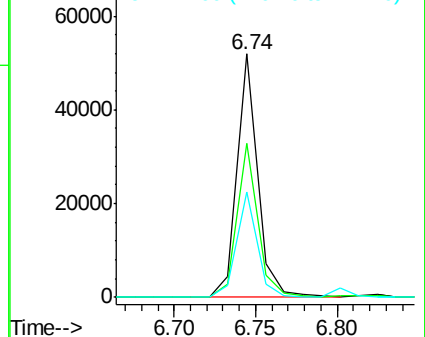
146 100

148 63.0 51.4 77.2

111 43.3 34.6 52.0



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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

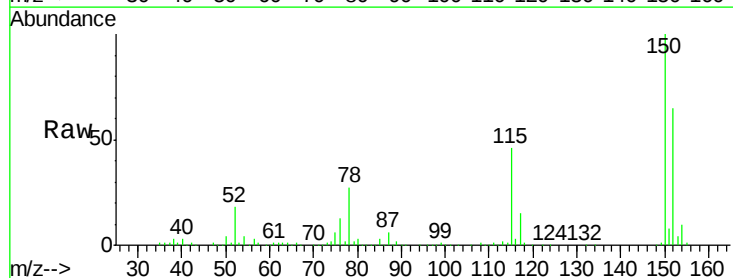
Tgt Ion: 79 Resp: 12313

Ion Ratio Lower Upper

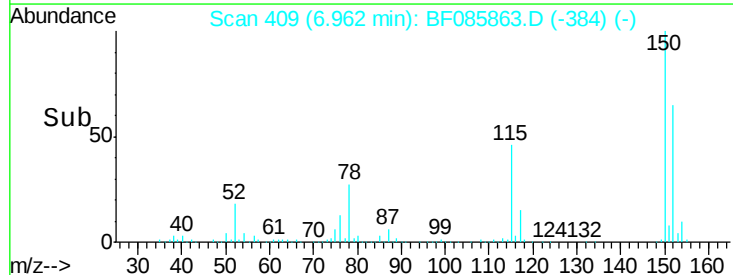
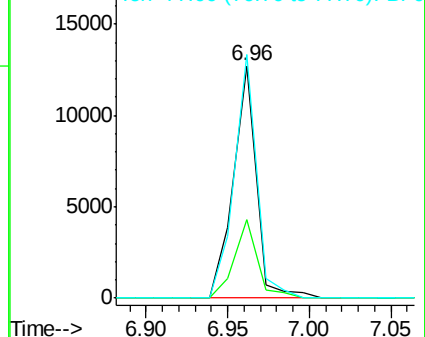
79 100

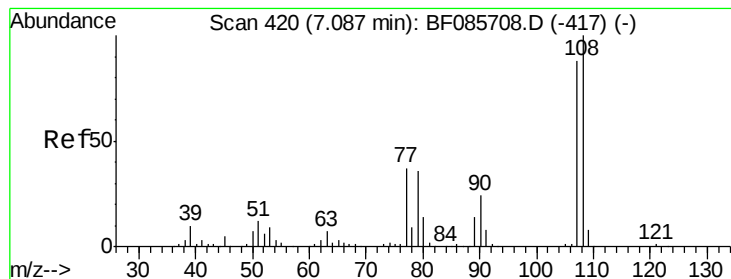
108 33.6 61.8 92.6#

77 104.9 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 50.78 ng

RT: 7.17 min Scan# 427

Delta R.T. 0.08 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion: 107 Resp: 316966

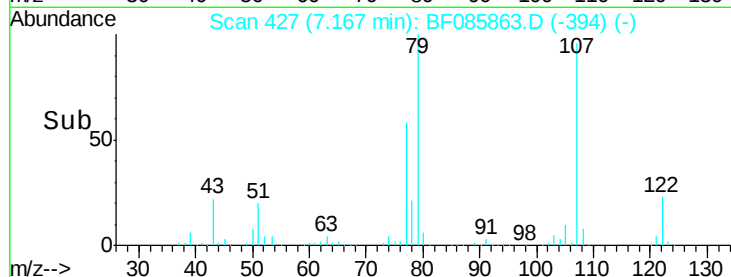
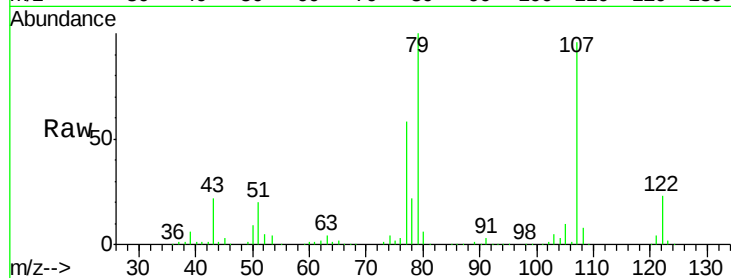
Ion Ratio Lower Upper

107 100

108 8.1 91.4 137.0#

77 60.8 36.2 54.2#

79 104.2 35.8 53.8#

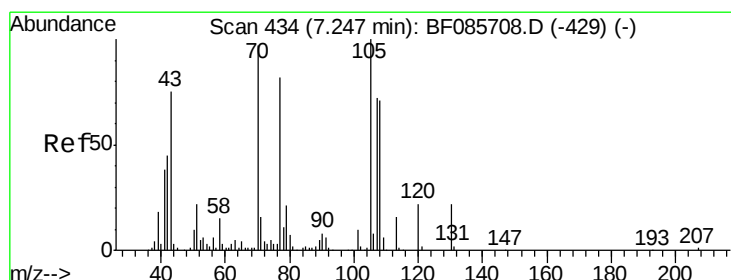
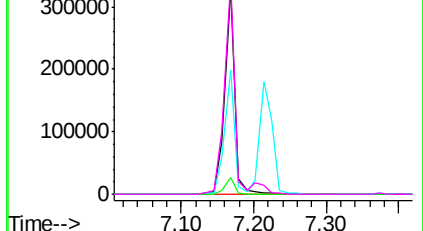


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.41 ng

RT: 7.37 min Scan# 445

Delta R.T. 0.13 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Tgt Ion: 70 Resp: 88957

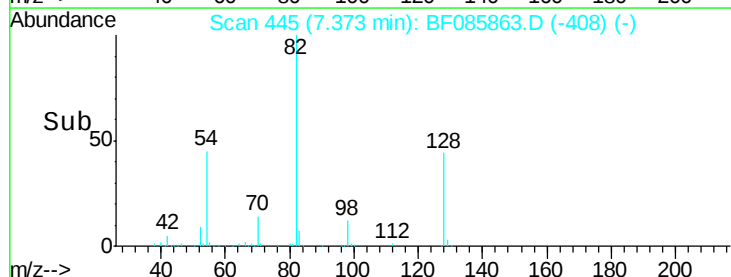
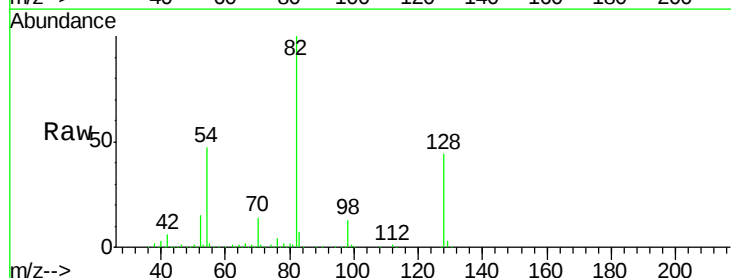
Ion Ratio Lower Upper

70 100

42 40.9 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

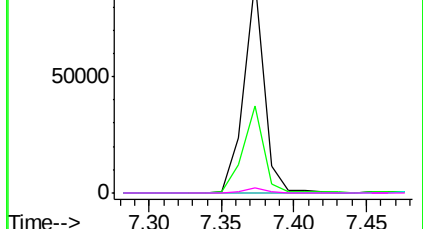


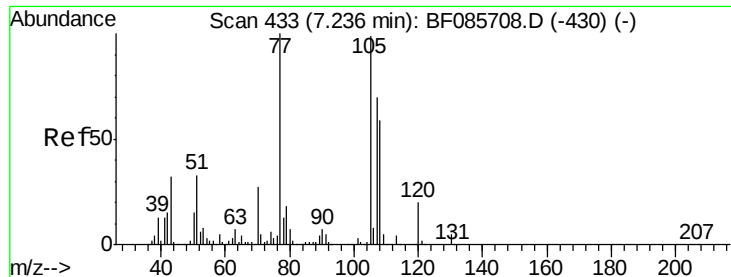
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.33 ng

RT: 7.17 min Scan# 427

Delta R.T. -0.07 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion:107 Resp: 317663

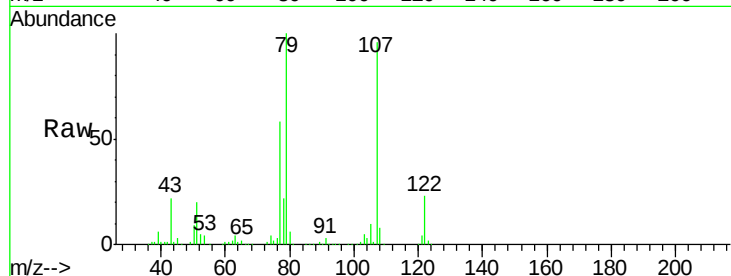
Ion Ratio Lower Upper

107 100

108 8.1 69.3 109.3#

77 60.8 101.7 141.7#

79 104.2 8.3 48.3#

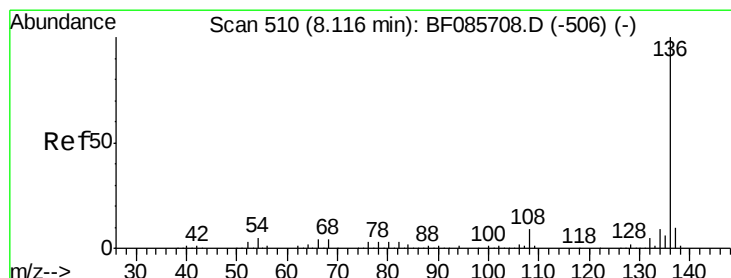
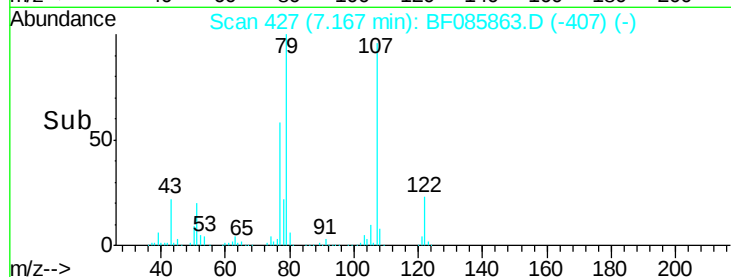
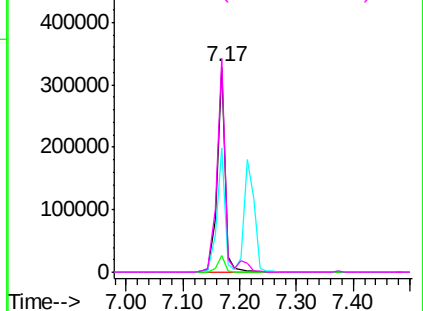


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Tgt Ion:136 Resp: 451693

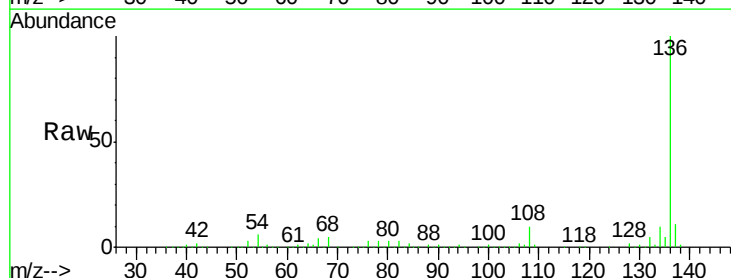
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.9 7.4 11.0#

68 4.9 5.8 8.8#

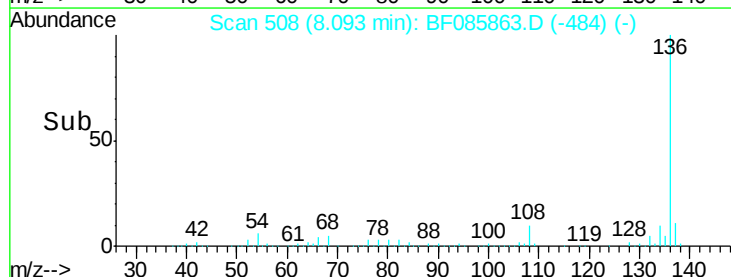
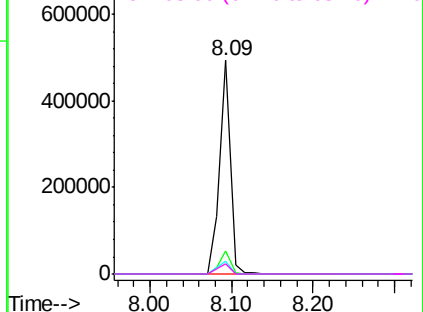


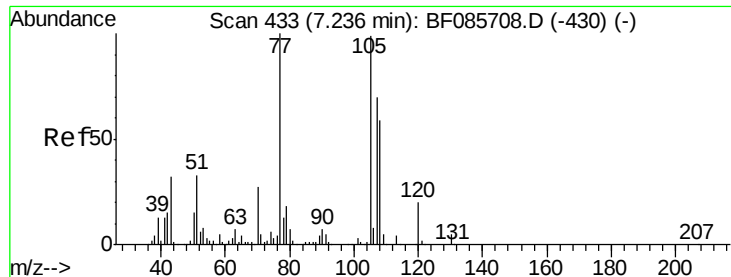
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 42.12 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion: 105 Resp: 443198

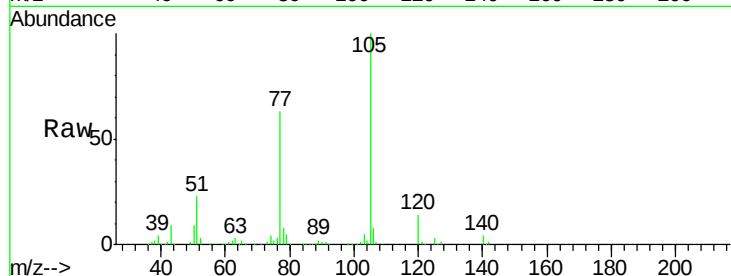
Ion Ratio Lower Upper

105 100

71 0.1 3.6 5.4#

51 22.8 25.4 38.0#

120 14.2 16.9 25.3#

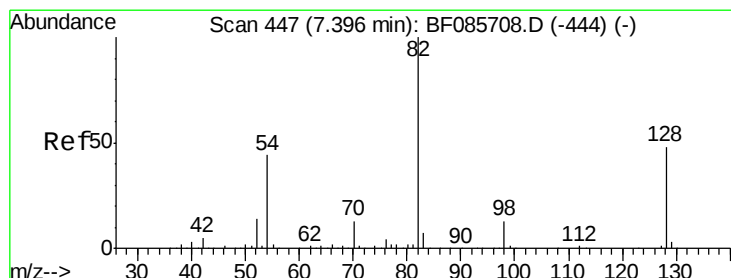
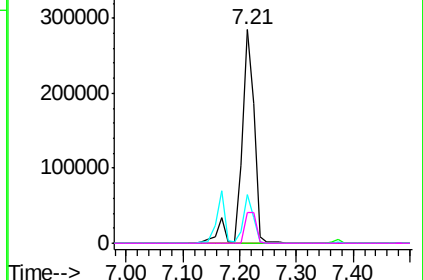
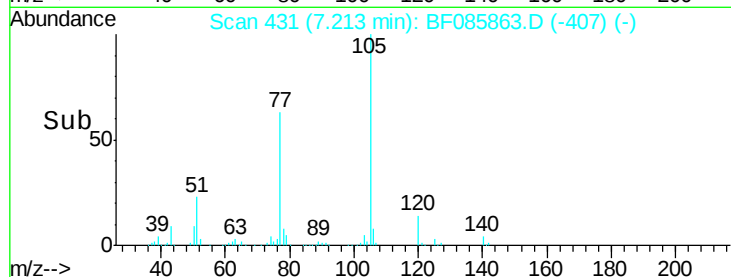


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 82.92 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

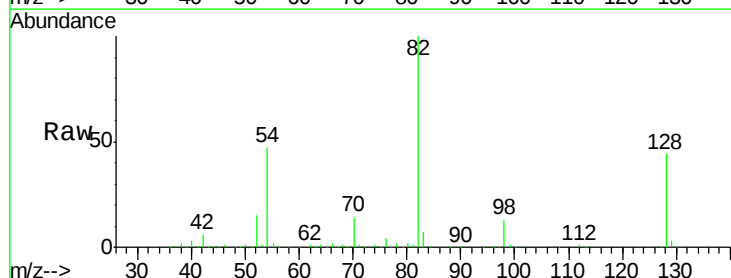
Tgt Ion: 82 Resp: 665107

Ion Ratio Lower Upper

82 100

128 44.5 41.8 62.8

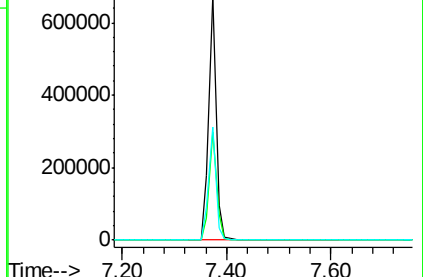
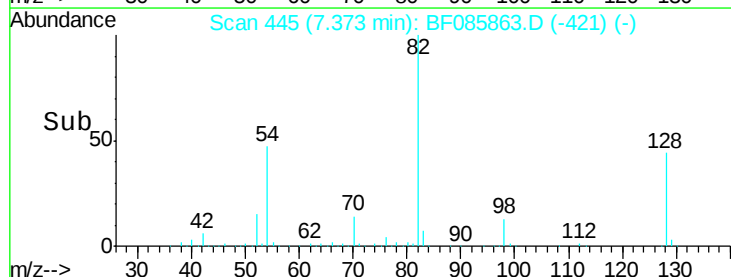
54 46.6 33.4 50.0

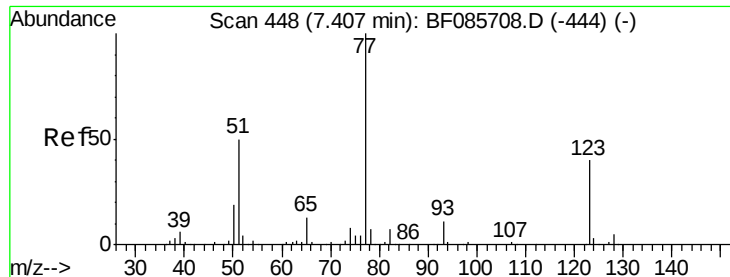


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 27.48 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.19 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

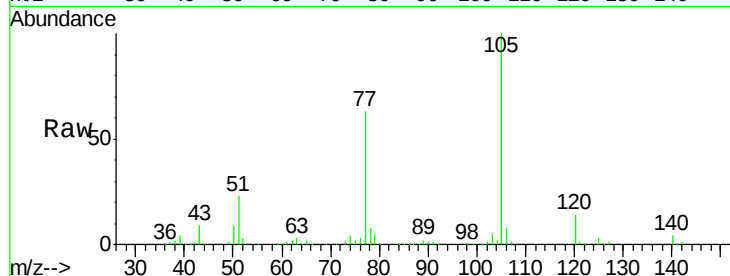
Tgt Ion: 77 Resp: 227209

Ion Ratio Lower Upper

77 100

123 0.0 35.0 52.4#

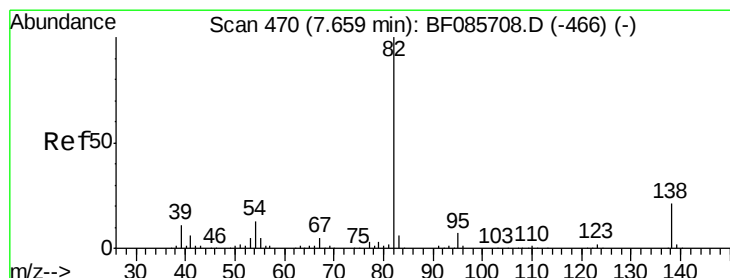
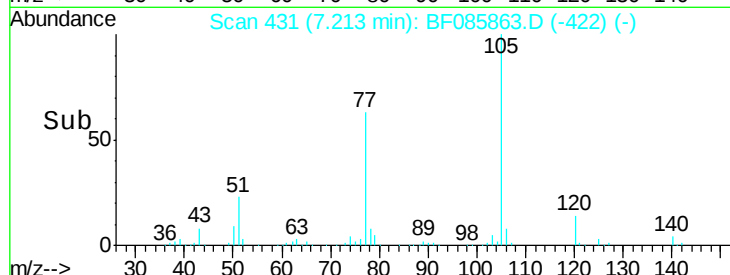
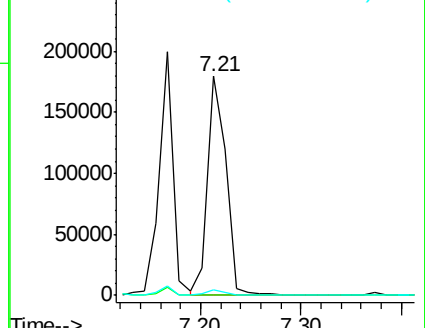
65 2.8 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 35.19 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.29 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

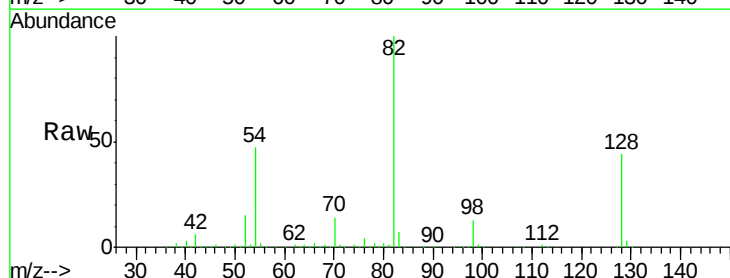
Tgt Ion: 82 Resp: 543734

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

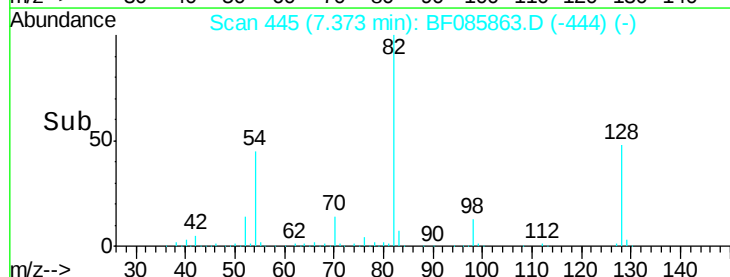
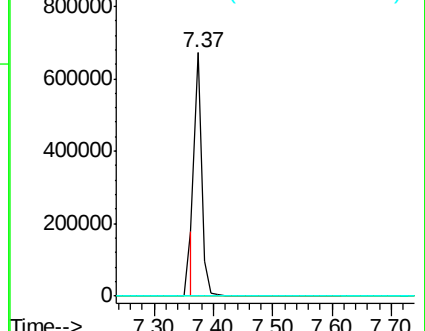
138 0.0 12.9 19.3#

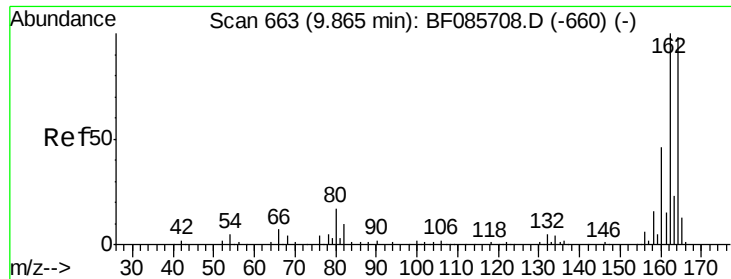


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

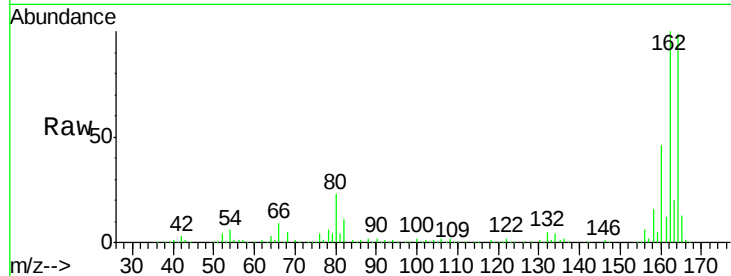
Tgt Ion:164 Resp: 190196

Ion Ratio Lower Upper

164 100

162 101.1 82.1 123.1

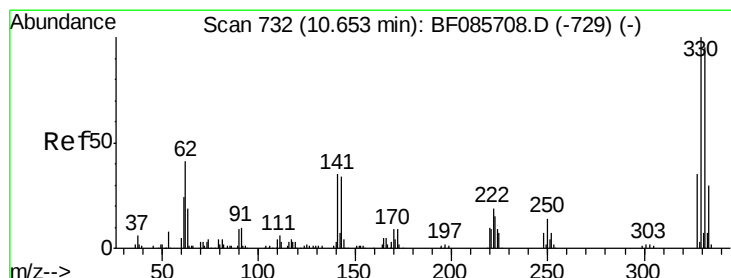
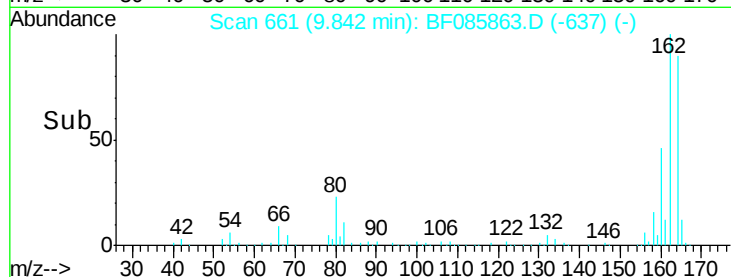
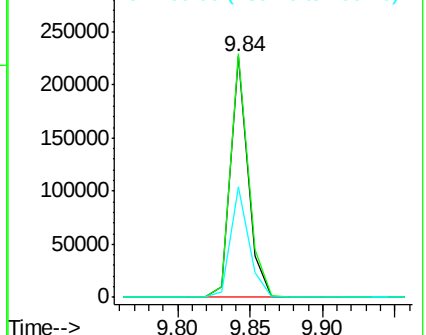
160 46.0 37.4 56.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 137.30 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

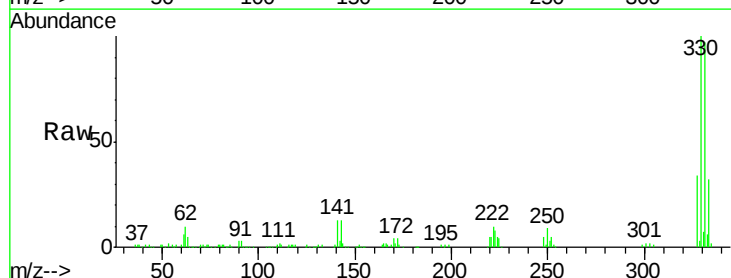
Tgt Ion:330 Resp: 248107

Ion Ratio Lower Upper

330 100

332 96.2 78.2 117.2

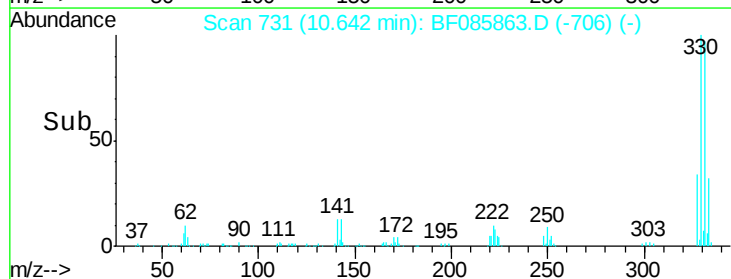
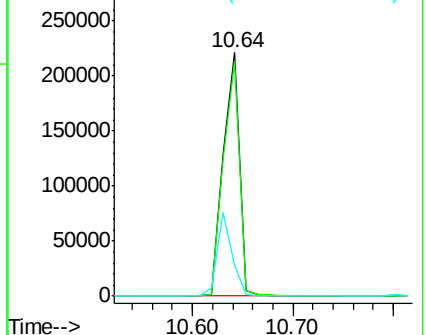
141 32.3 31.5 47.3

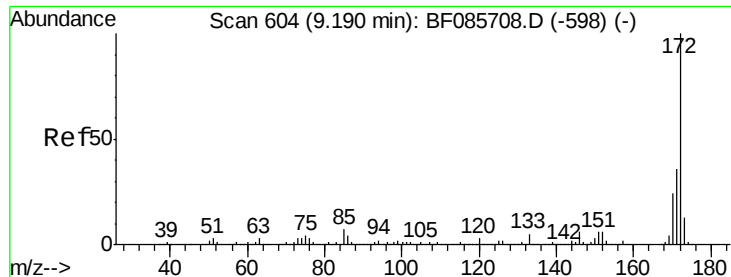


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

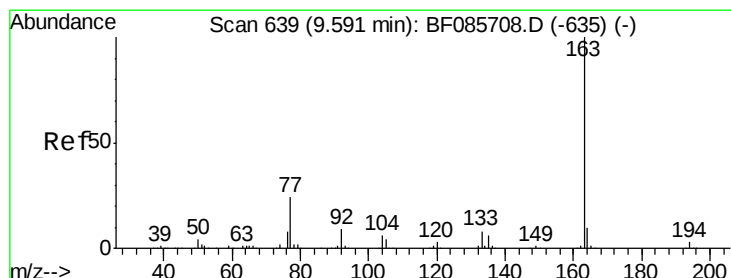
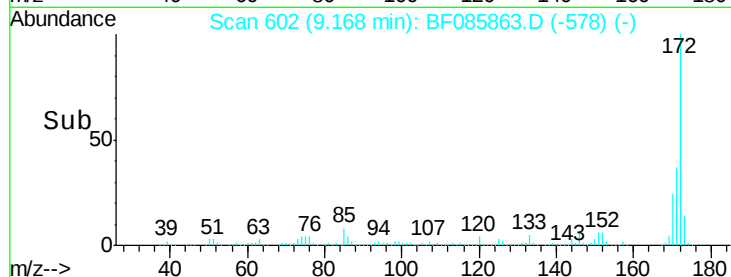
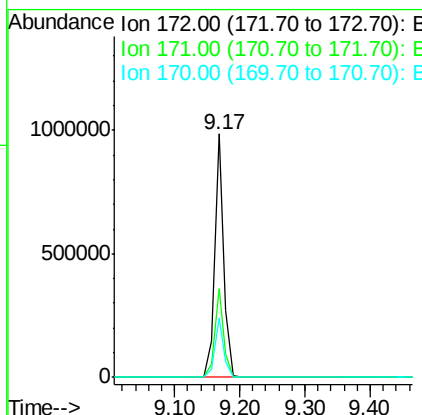
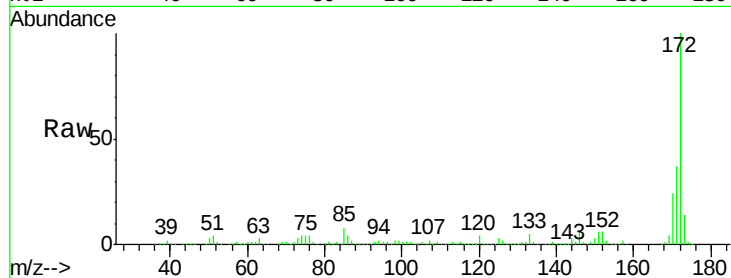




#44
2-Fluorobiphenyl
Concen: 85.64 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

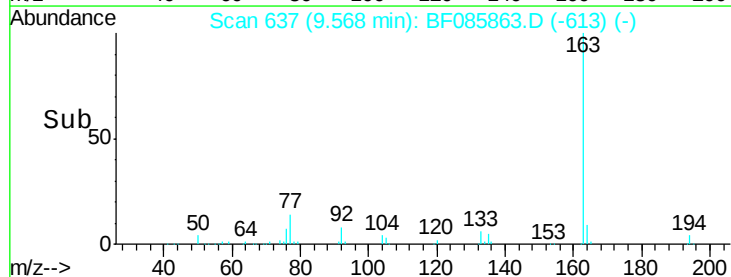
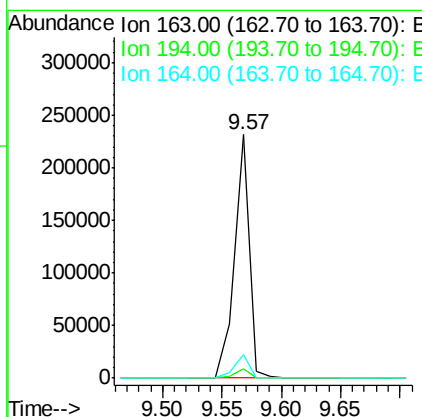
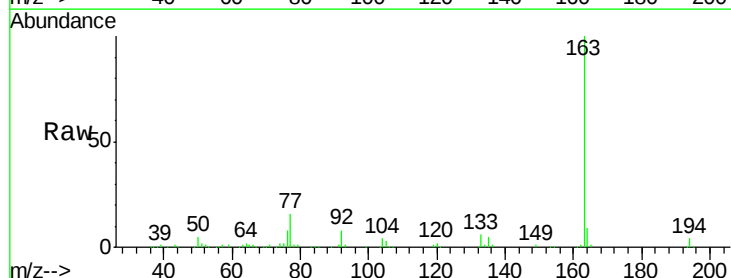
Instrument :
BNA_F
ClientSampled :
TP-5

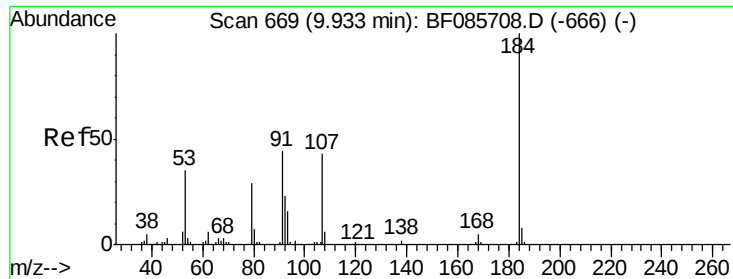
Tgt Ion:172 Resp: 974907
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.2
170 24.4 19.8 29.6



#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Tgt Ion:163 Resp: 200586
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.4 8.3 12.5

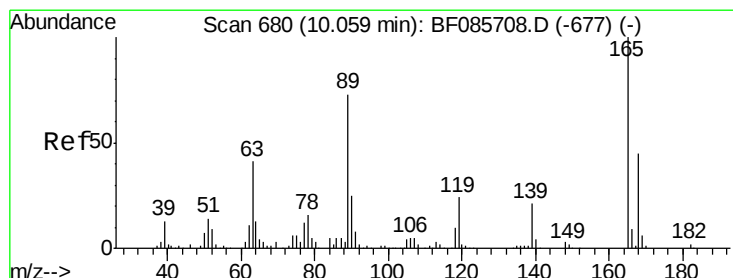
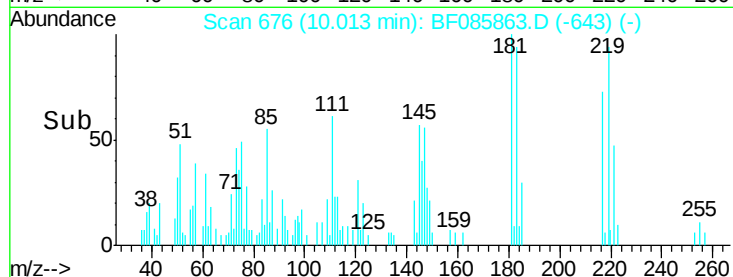
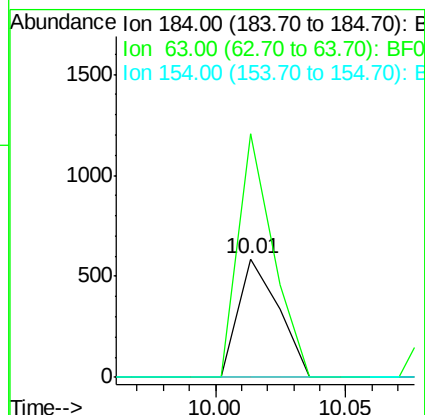
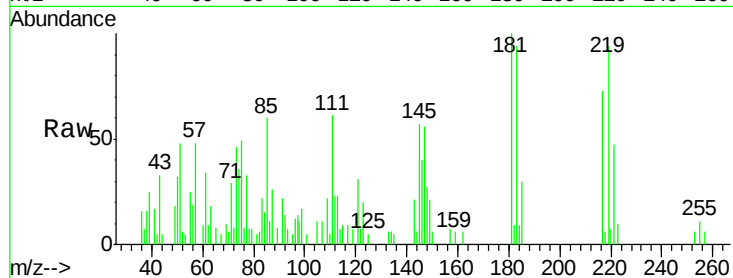




#53
2,4-Dinitrophenol
Concen: 6.41 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.08 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

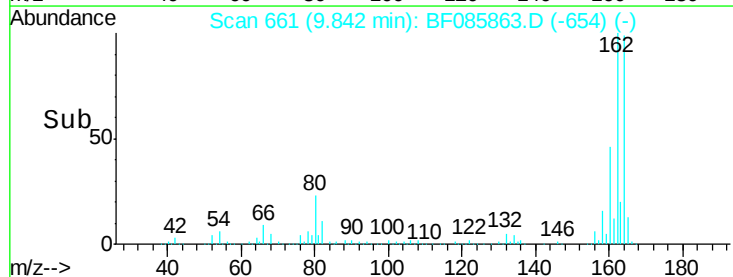
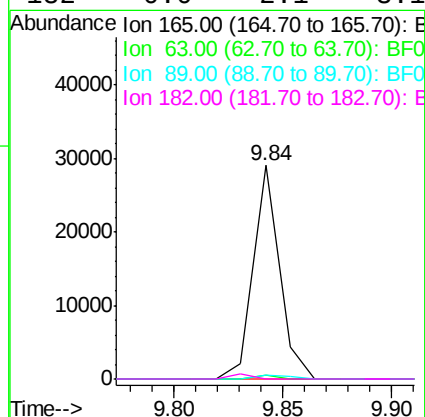
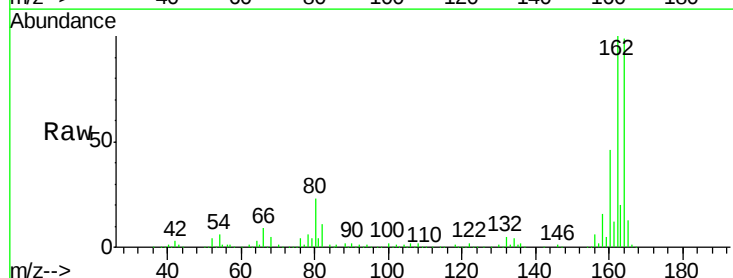
Instrument :
BNA_F
ClientSampled :
TP-5

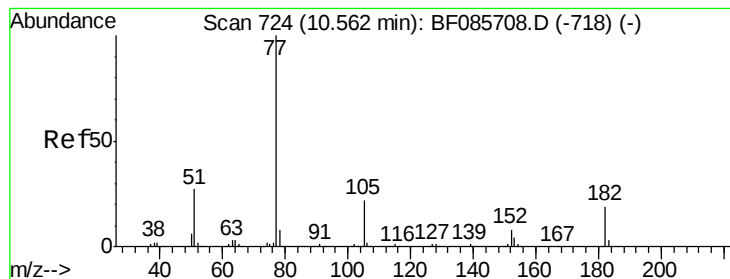
Tgt Ion:184 Resp: 635
Ion Ratio Lower Upper
184 100
63 205.1 69.5 104.3#
154 0.0 58.3 87.5#



#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.22 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Tgt Ion:165 Resp: 24413
Ion Ratio Lower Upper
165 100
63 1.6 24.9 37.3#
89 2.1 41.0 61.6#
182 0.0 2.1 3.1#





#62

Azobenzene

Concen: 11.87 ng

RT: 10.37 min Scan# 707

Delta R.T. -0.19 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

Tgt Ion: 77 Resp: 162675

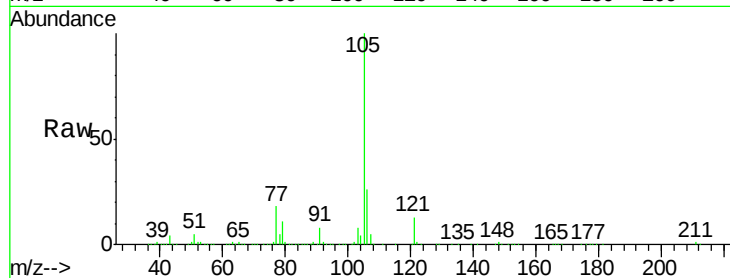
Ion Ratio Lower Upper

77 100

182 0.0 1.9 41.9#

105 558.4 3.5 43.5#

51 25.5 6.3 46.3

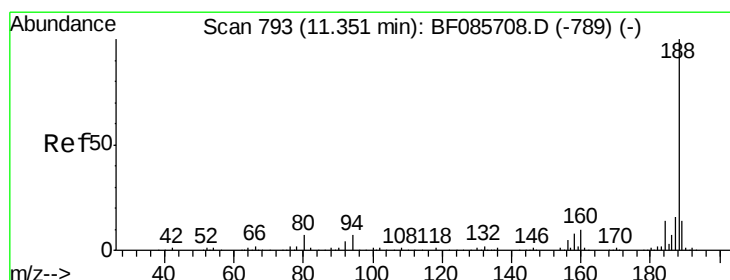
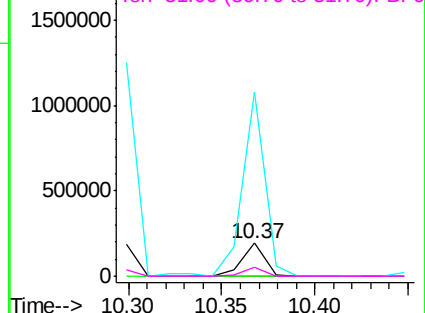
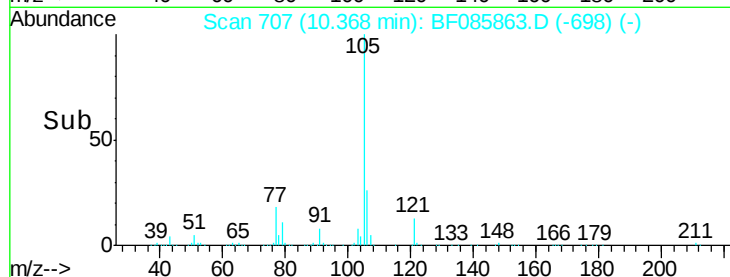


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

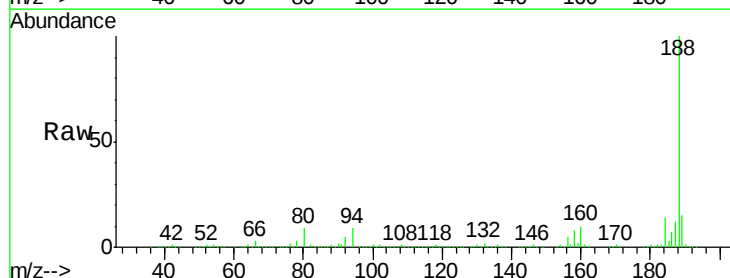
Tgt Ion: 188 Resp: 318983

Ion Ratio Lower Upper

188 100

94 8.9 5.4 8.0#

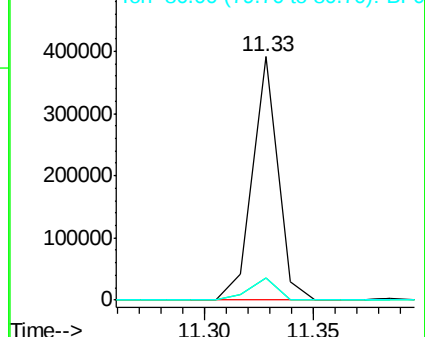
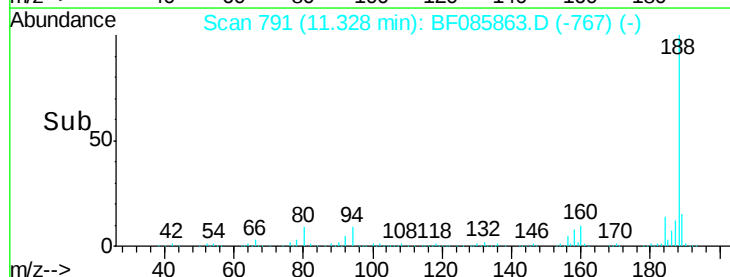
80 9.1 5.5 8.3#

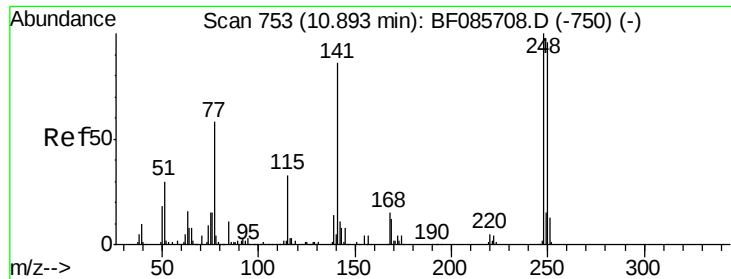


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.68 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.26 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampled :

TP-5

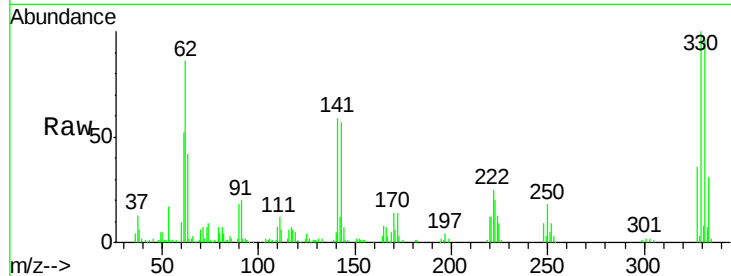
Tgt Ion:248 Resp: 15284

Ion Ratio Lower Upper

248 100

250 193.7 77.4 116.0#

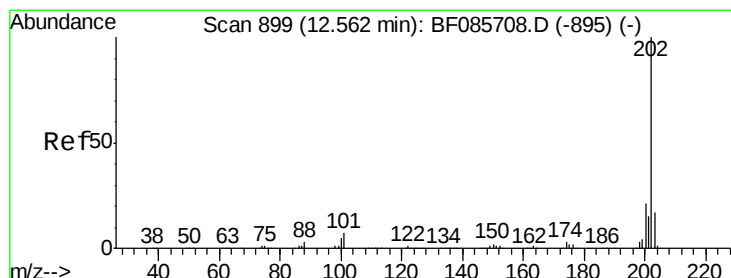
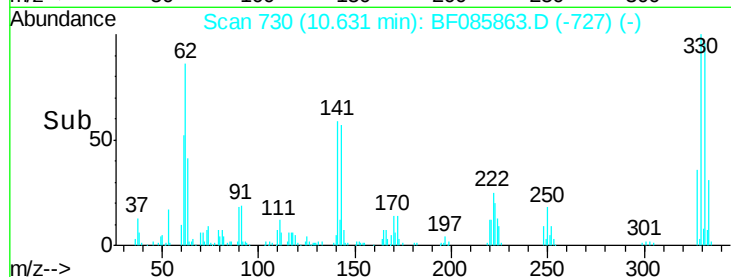
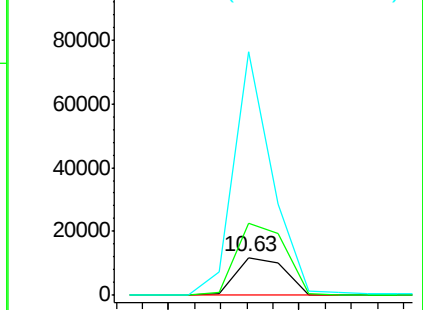
141 648.5 63.6 95.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#74

Fluoranthene

Concen: 2.59 ng

RT: 12.54 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

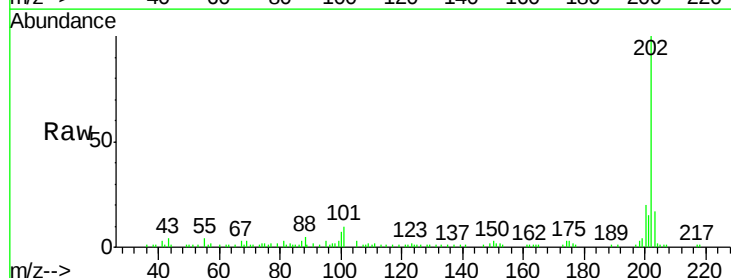
Tgt Ion:202 Resp: 45081

Ion Ratio Lower Upper

202 100

101 9.6 0.0 36.6

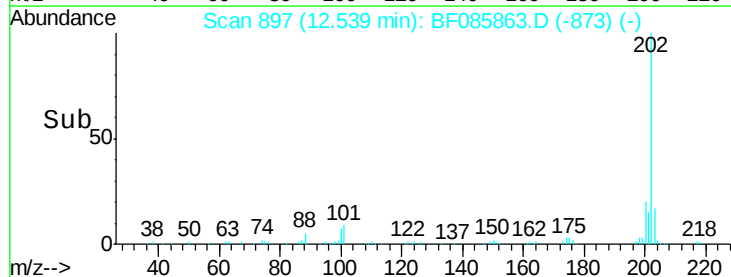
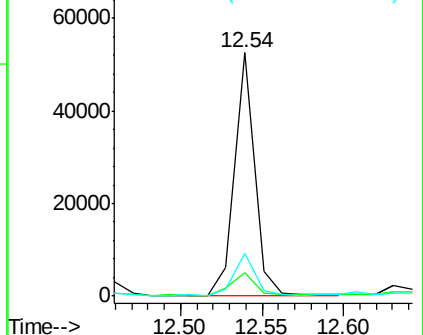
203 17.3 0.0 38.1

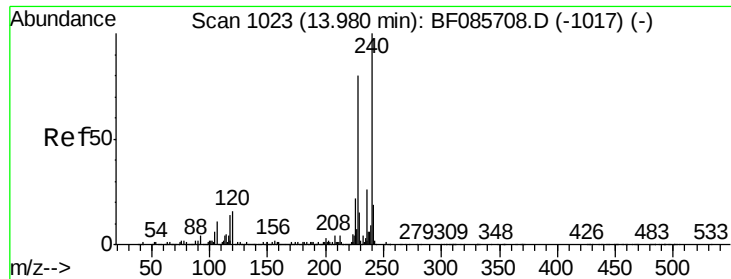


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

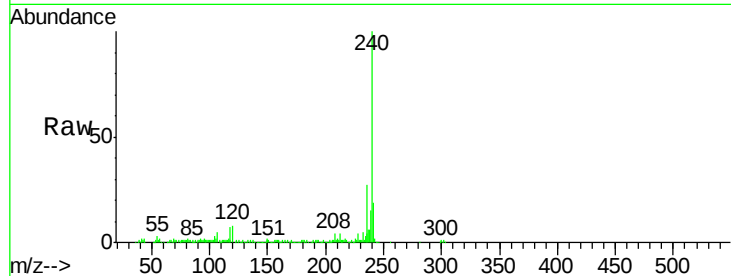
Tgt Ion:240 Resp: 220324

Ion Ratio Lower Upper

240 100

120 7.8 13.8 20.8#

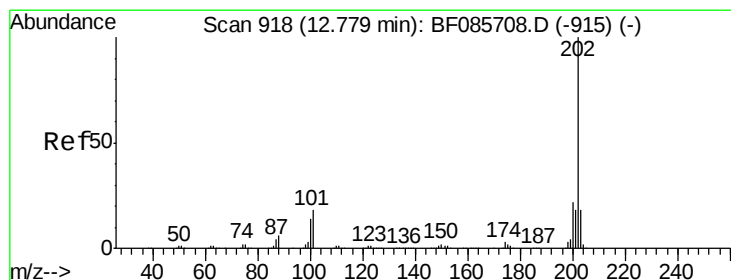
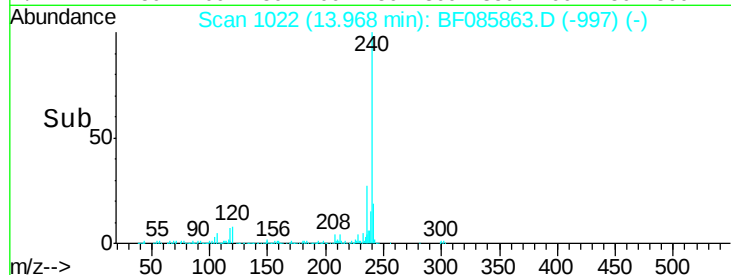
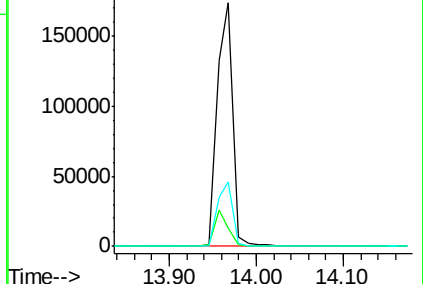
236 26.7 20.6 30.8



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: 2.40 ng

RT: 12.77 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

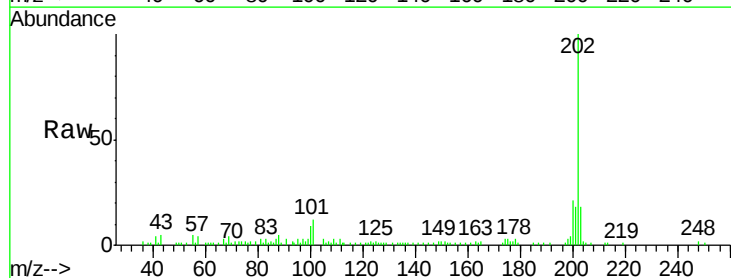
Tgt Ion:202 Resp: 43396

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

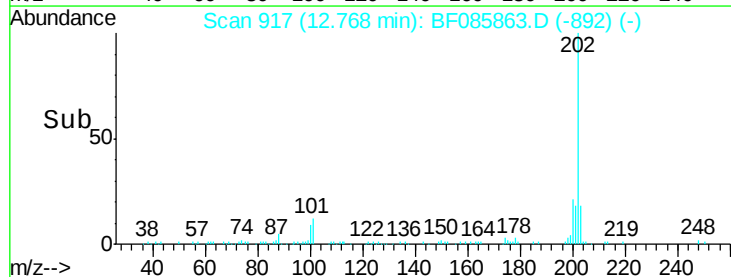
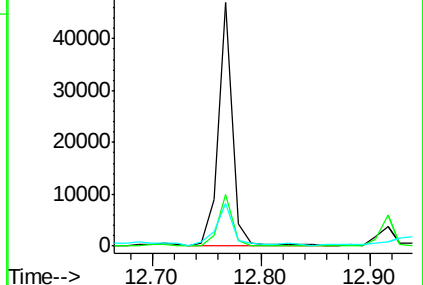
203 17.7 14.0 21.0

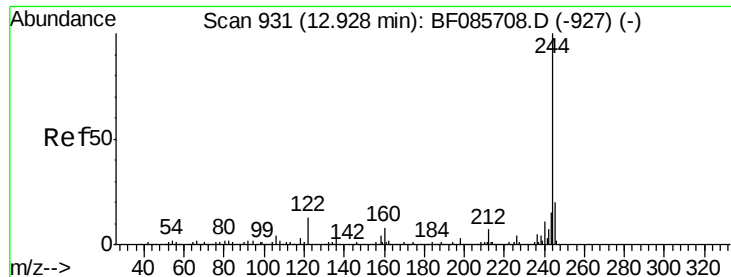


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

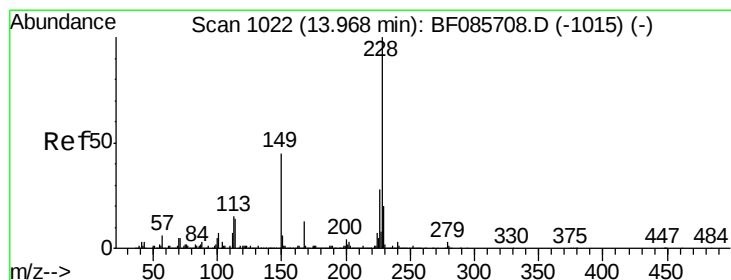
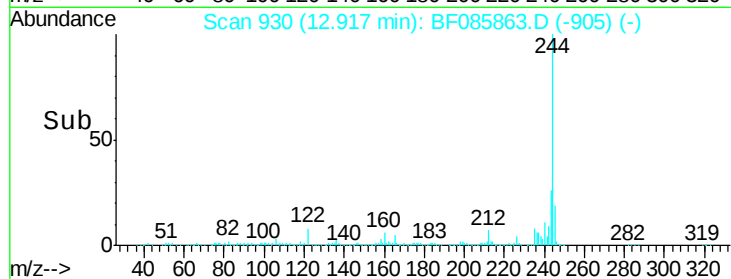
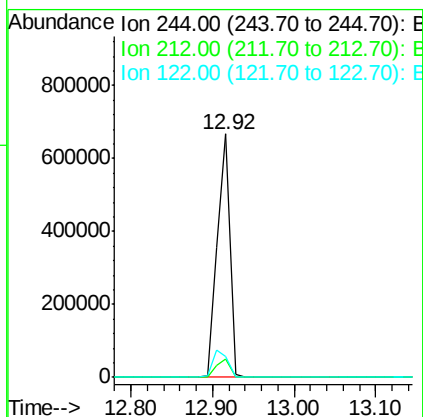
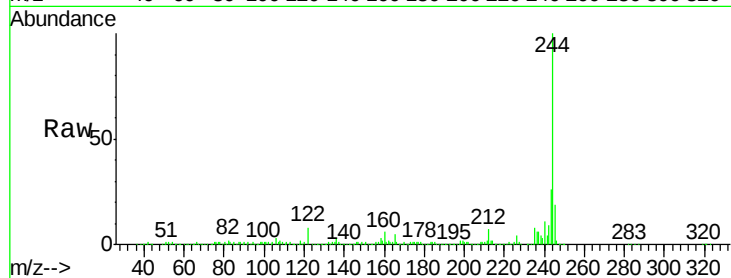




#78
 Terphenyl-d14
 Concen: 66.88 ng
 RT: 12.92 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

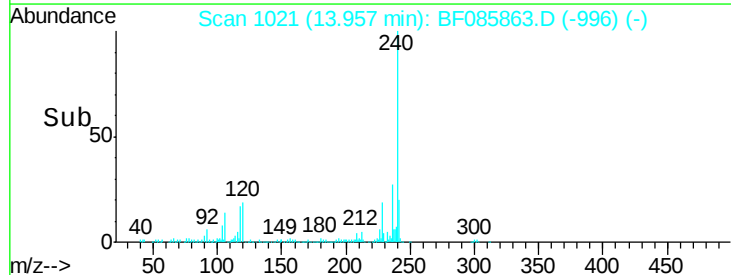
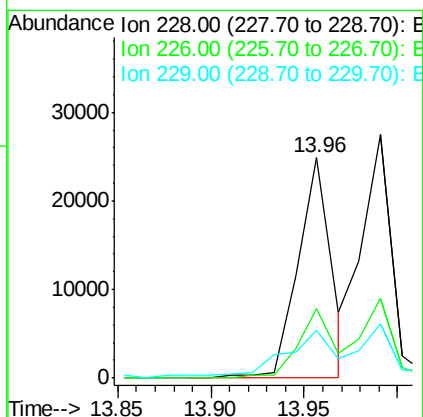
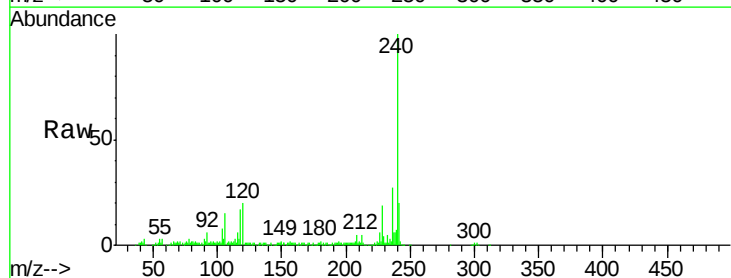
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

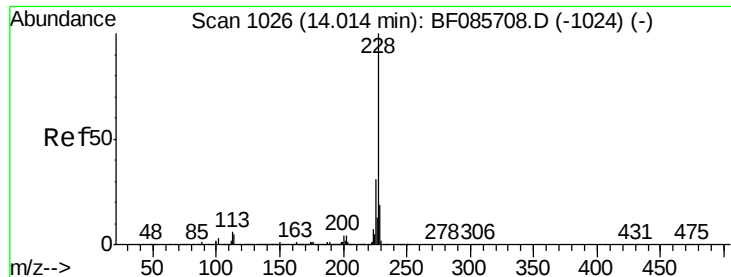
Tgt Ion:244 Resp: 716480
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 8.4 10.2 15.4#



#80
 Benzo(a)anthracene
 Concen: 2.48 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Tgt Ion:228 Resp: 31103
 Ion Ratio Lower Upper
 228 100
 226 31.7 22.1 33.1
 229 21.9 16.2 24.4





#82

Chrysene

Concen: 2.46 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.06 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

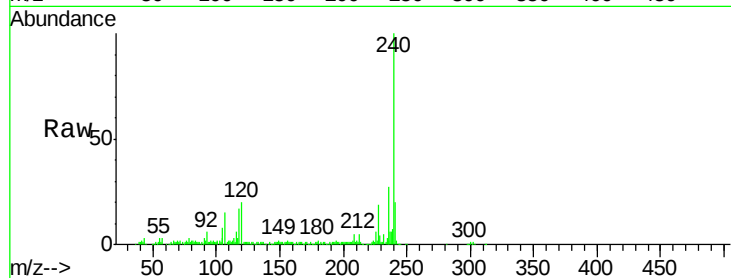
Tgt Ion:228 Resp: 31103

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

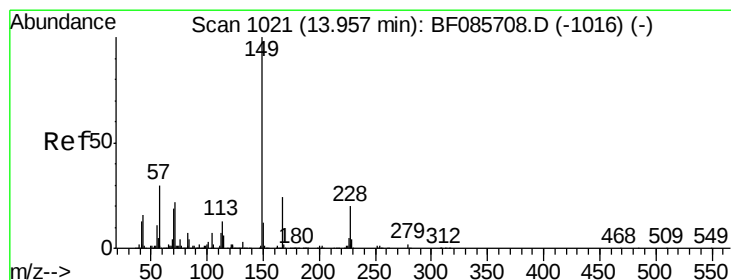
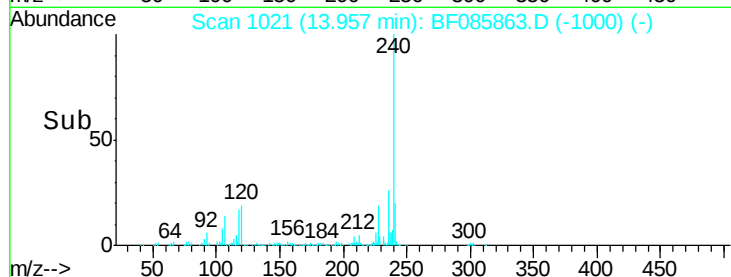
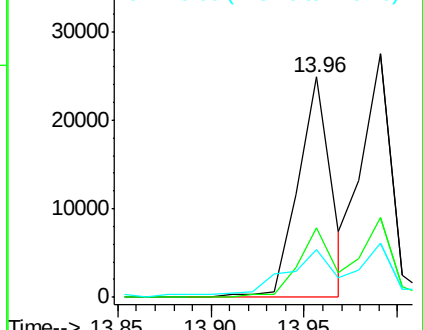
229 21.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.59 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

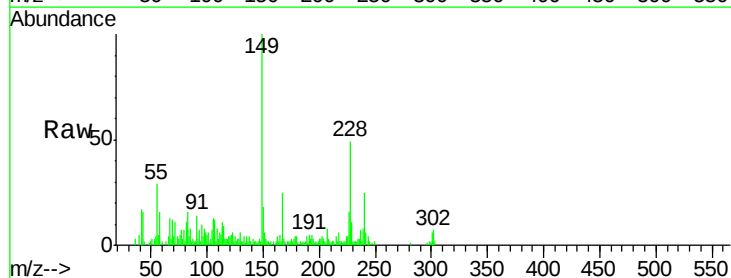
Tgt Ion:149 Resp: 32580

Ion Ratio Lower Upper

149 100

167 25.1 19.4 29.2

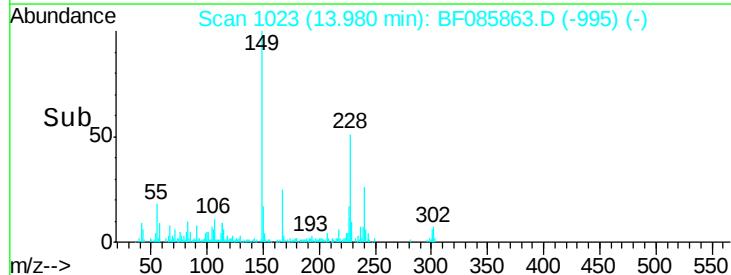
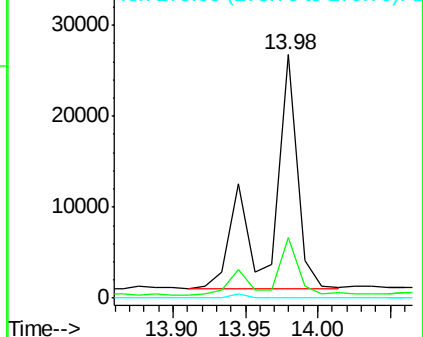
279 0.0 1.5 2.3#

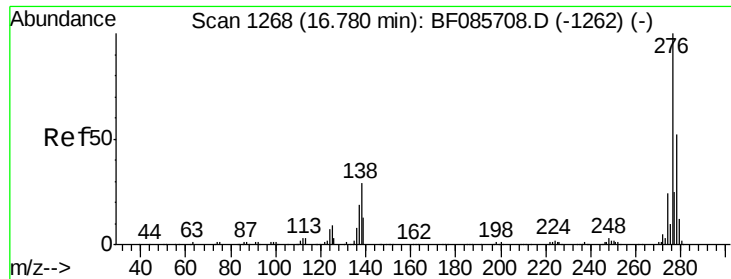


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

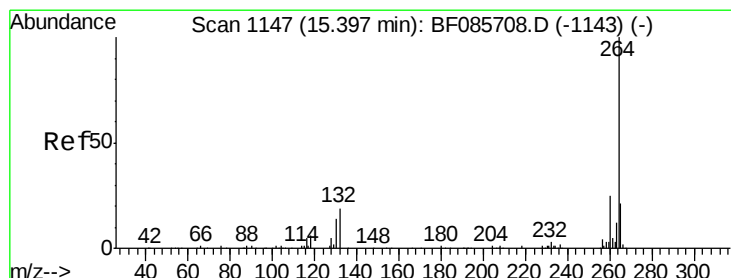
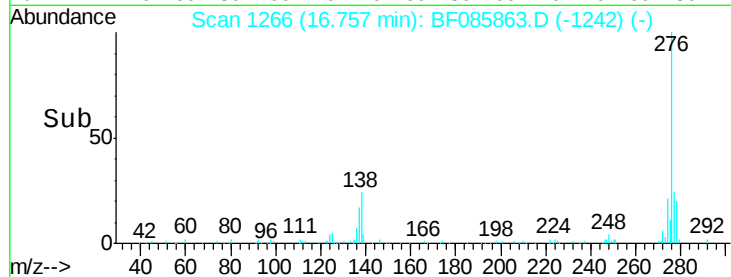
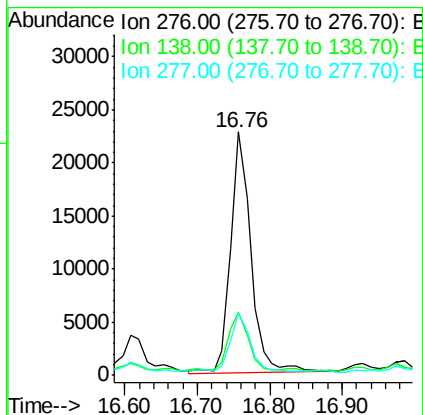
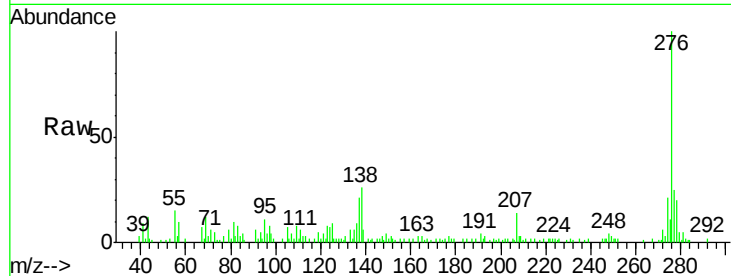




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.56 ng
 RT: 16.76 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

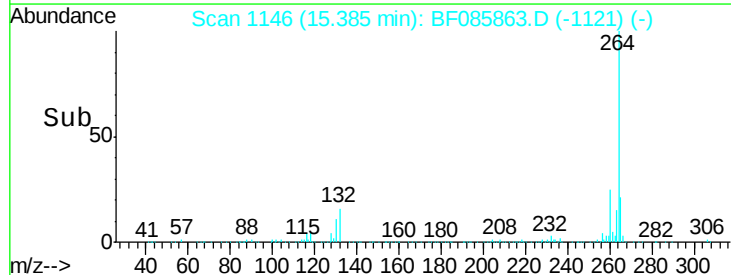
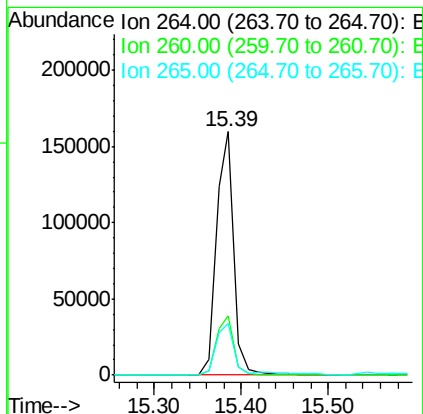
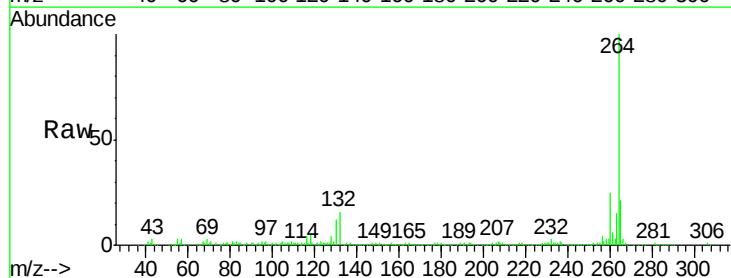
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

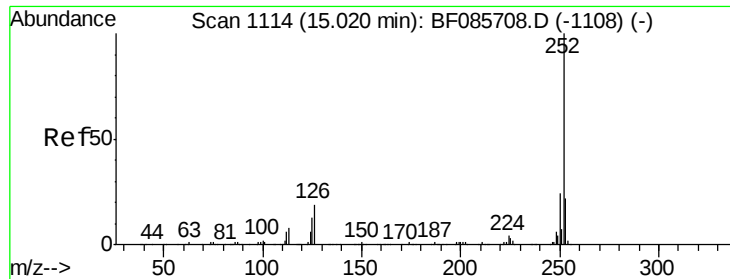
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	24.2	36.4
277	26.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085863.D
 Acq: 29 Mar 2016 21:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.2	17.2	25.8

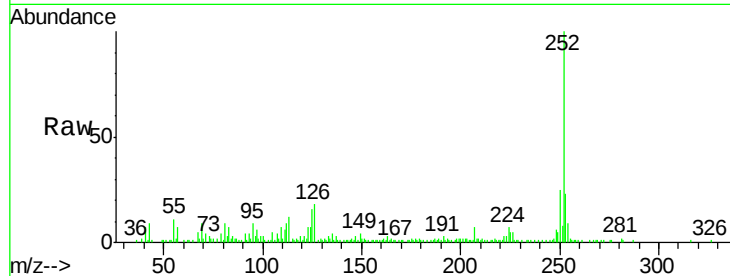




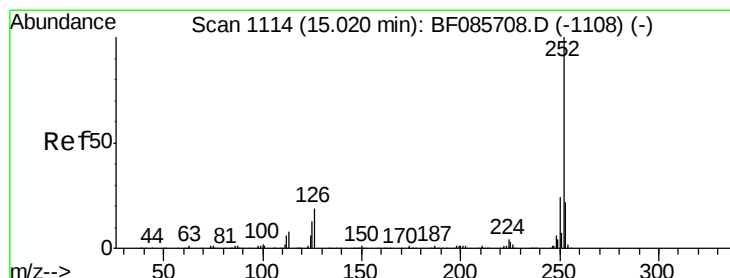
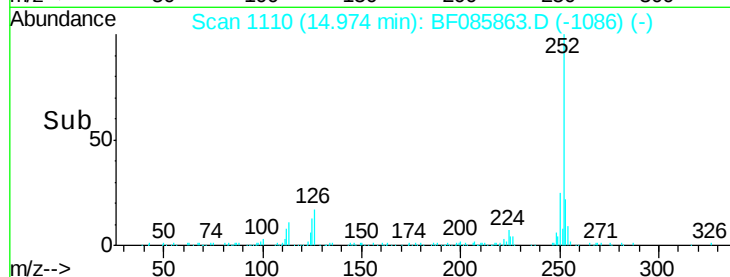
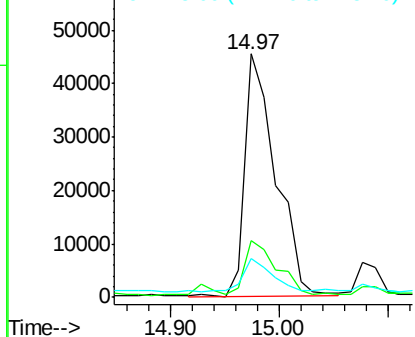
#87
Benzo(b)fluoranthene
Concen: 6.35 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:252 Resp: 89551
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 15.8 10.3 15.5#

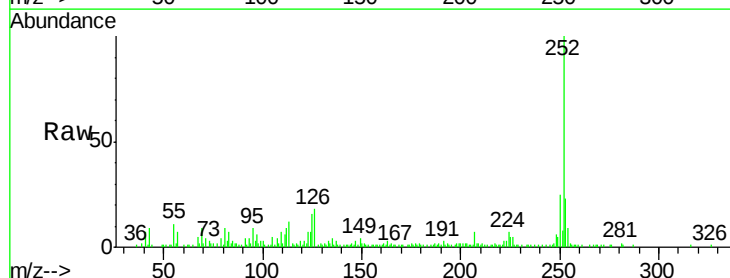


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

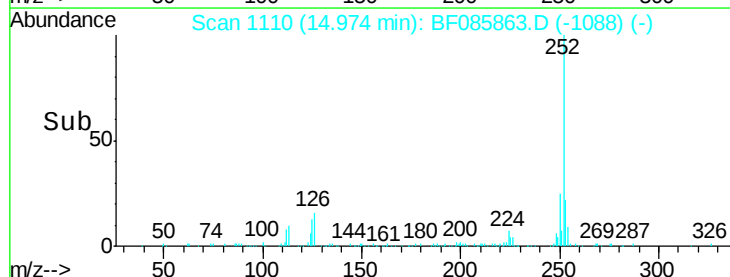
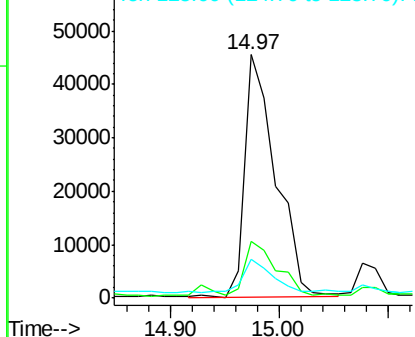


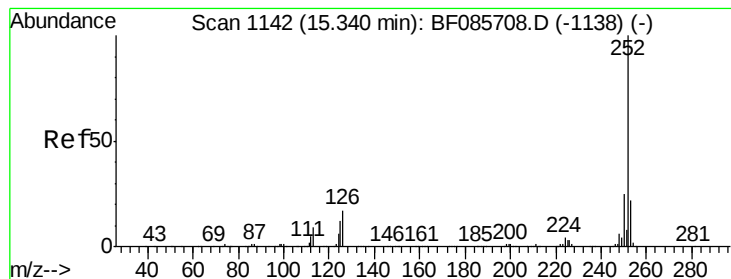
#88
Benzo(k)fluoranthene
Concen: 7.05 ng
RT: 14.97 min Scan# 1110
Delta R.T. -0.05 min
Lab File: BF085863.D
Acq: 29 Mar 2016 21:57

Tgt Ion:252 Resp: 89551
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 15.8 7.7 11.5#



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: 3.87 ng

RT: 15.32 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

Instrument :

BNA_F

ClientSampleId :

TP-5

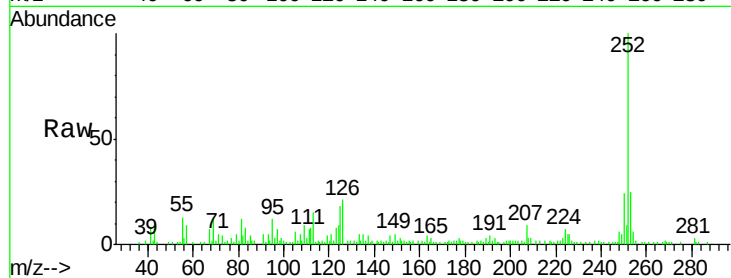
Tgt Ion:252 Resp: 48381

Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.0

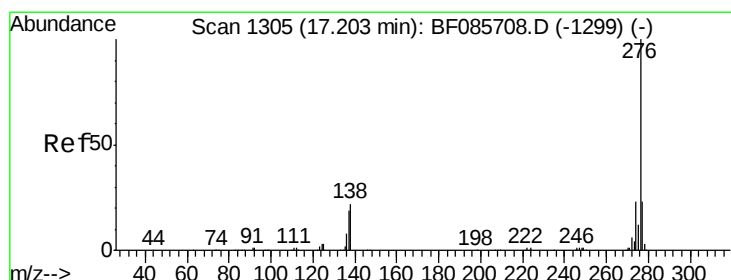
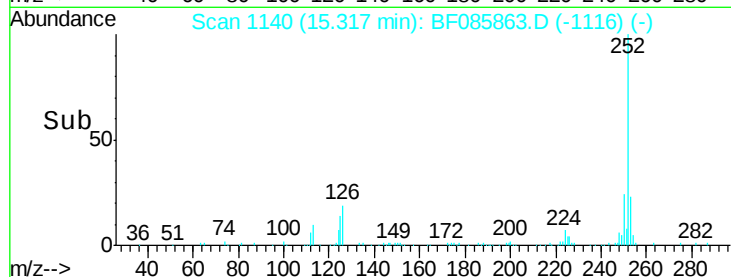
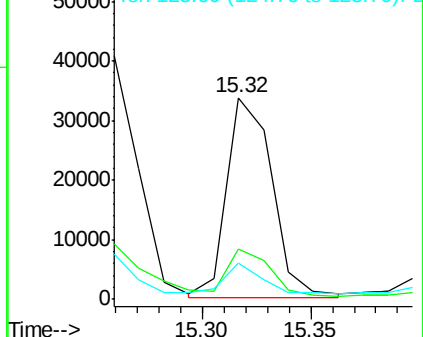
125 17.7 10.3 15.5#



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: 4.06 ng

RT: 17.17 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF085863.D

Acq: 29 Mar 2016 21:57

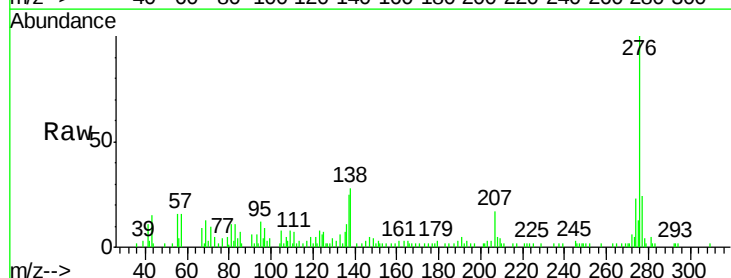
Tgt Ion:276 Resp: 47819

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 28.2 22.6 34.0



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

