

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084034.D
 Acq On : 23 Dec 2015 12:39
 Operator : UM/SJ
 Sample : G4913-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 13:40:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44915	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	184518	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	86319	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	155315	20.00	ng	0.00
75) Chrysene-d12	14.00	240	99284	20.00	ng	0.00
86) Perylene-d12	15.43	264	93845	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	379560	144.09	ng	0.01
7) Phenol-d6	6.48	99	495626	160.02	ng	0.00
23) Nitrobenzene-d5	7.39	82	289618	96.42	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	137262	165.32	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	621381	96.88	ng	0.00
78) Terphenyl-d14	12.93	244	404952	97.27	ng	0.00

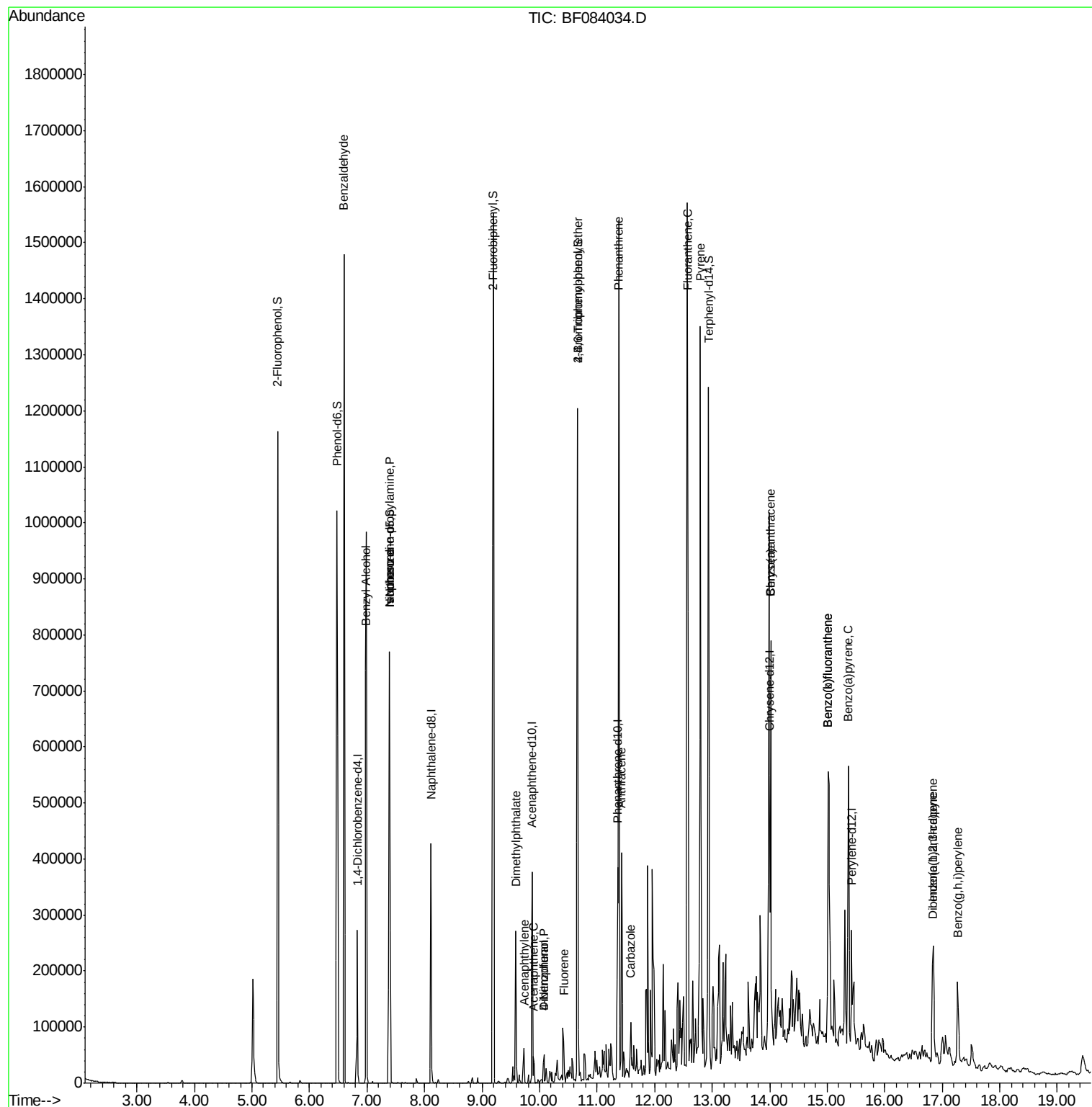
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	9526	4.61	ng	86
15) Benzyl Alcohol	6.98	79	5720	2.35	ng	# 50
19) n-Nitroso-di-n-propylamine	7.39	70	39387	20.98	ng	# 77
25) Isophorone	7.39	82	249150	43.78	ng	# 66
48) Acenaphthylene	9.73	152	40454	4.65	ng	98
49) Dimethylphthalate	9.58	163	99360	14.71	ng	# 90
51) Acenaphthene	9.89	154	15022	2.90	ng	97
54) Dibenzofuran	10.08	168	18474	2.39	ng	# 98
55) 4-Nitrophenol	10.08	139	7628	8.57	ng	# 10
57) Fluorene	10.42	166	37515	6.12	ng	97
66) 4-Bromophenyl-phenylether	10.66	248	9849	5.53	ng	# 1
70) Phenanthrene	11.38	178	532730	60.69	ng	99
71) Anthracene	11.42	178	163770	18.37	ng	98
72) Carbazole	11.58	167	35468	4.26	ng	99
74) Fluoranthene	12.57	202	778590	89.44	ng	99
77) Pyrene	12.80	202	604499	89.74	ng	99
80) Benzo(a)anthracene	14.02	228	213638	37.32	ng	95
82) Chrysene	14.02	228	213817	40.23	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	139399	31.71	ng	95
87) Benzo(b)fluoranthene	15.01	252	397715	67.22	ng	# 95
88) Benzo(k)fluoranthene	15.01	252	397715	70.68	ng	99
89) Benzo(a)pyrene	15.37	252	223425	40.77	ng	# 96
90) Dibenzo(a,h)anthracene	16.83	278	36230	7.98	ng	# 76
91) Benzo(g,h,i)perylene	17.27	276	118090	25.71	ng	97

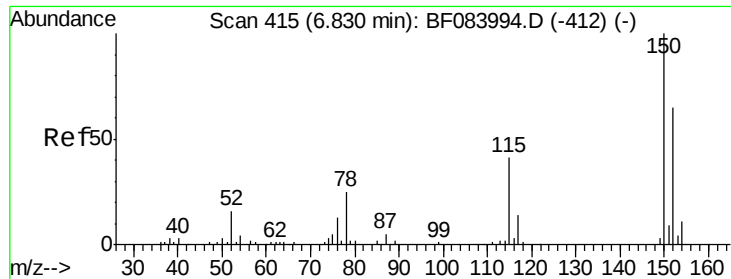
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084034.D
Acq On : 23 Dec 2015 12:39
Operator : UM/SJ
Sample : G4913-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 23 13:40:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

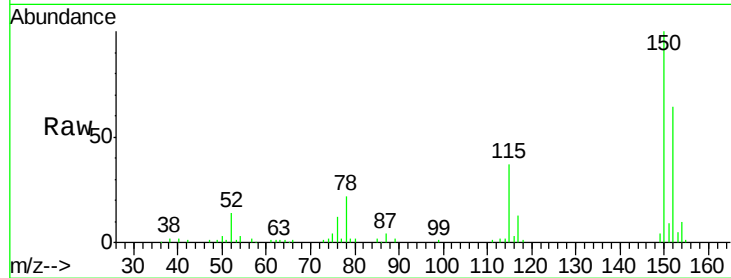
Tot Ion:152 Resp: 44915

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.4

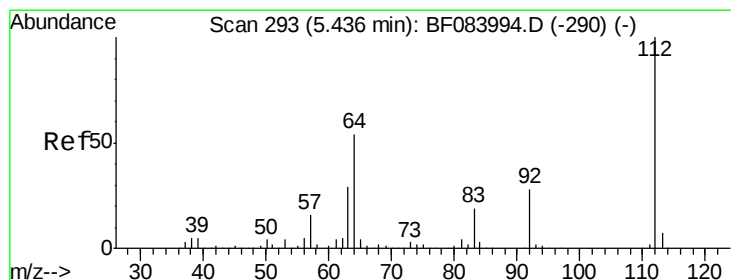
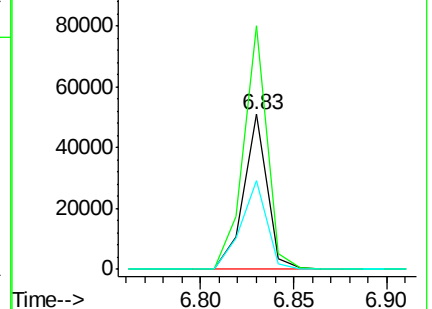
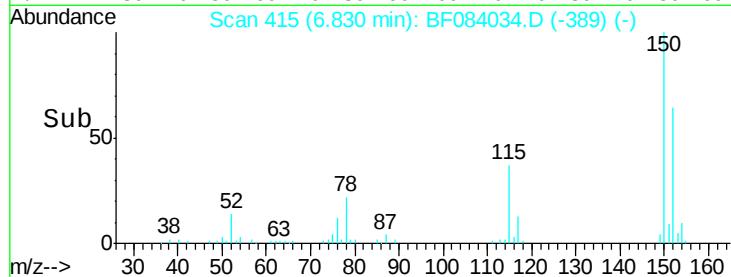
115 57.5 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 144.09 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

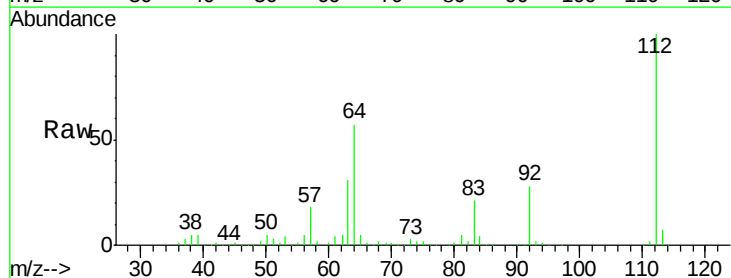
Tgt Ion:112 Resp: 379560

Ion Ratio Lower Upper

112 100

64 56.5 36.6 55.0#

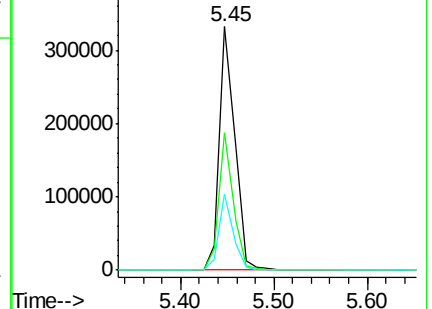
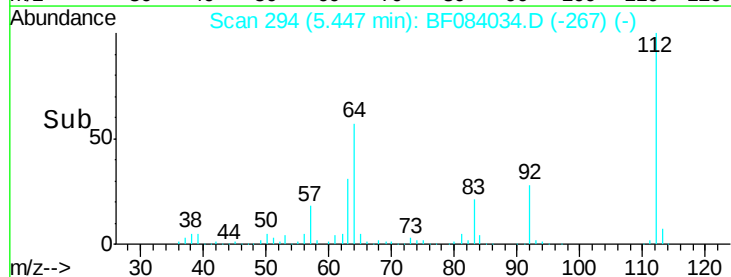
63 31.3 19.4 29.0#

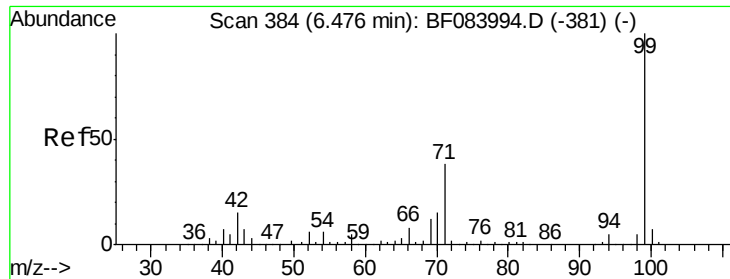


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 160.02 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampled :

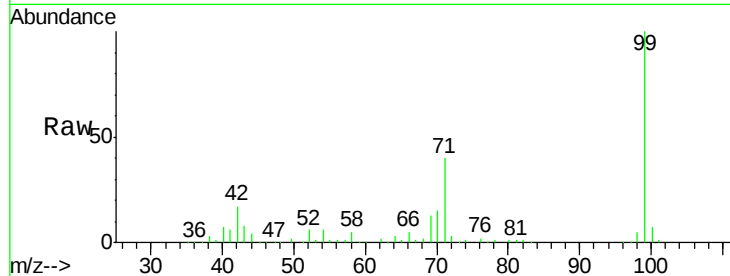
Tot Ion: 99 Resp: 495626

Ion Ratio Lower Upper

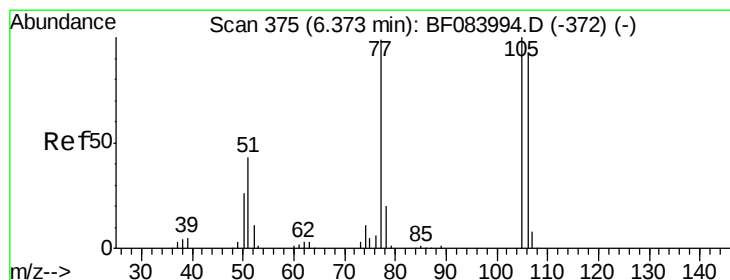
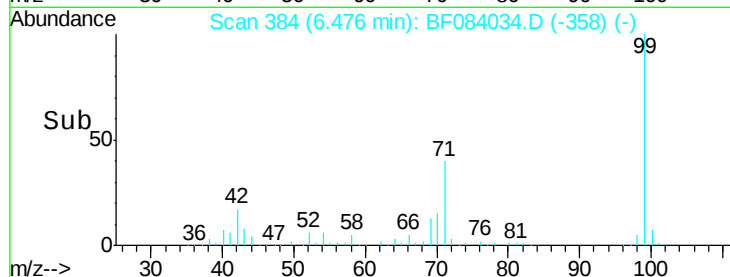
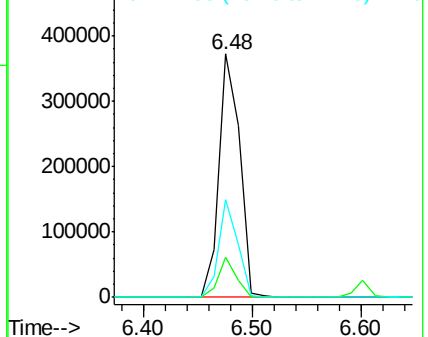
99 100

42 16.7 12.8 19.2

71 40.2 30.9 46.3



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



#9

Benzaldehyde

Concen: 4.61 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

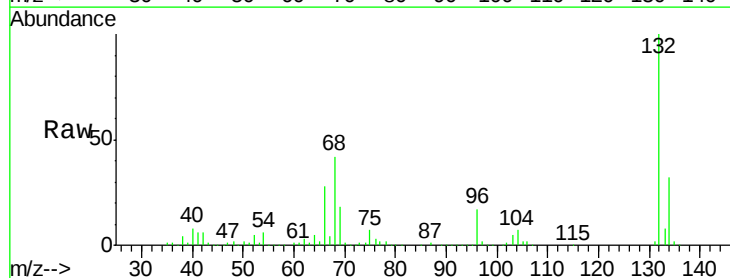
Tgt Ion: 77 Resp: 9526

Ion Ratio Lower Upper

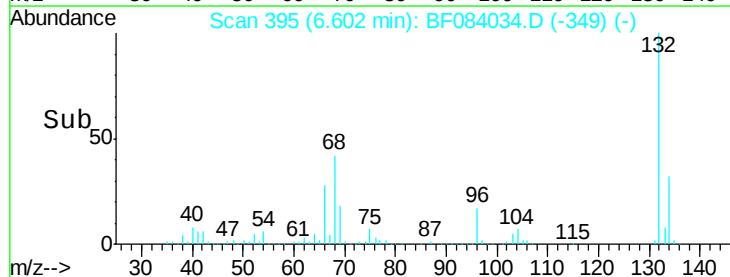
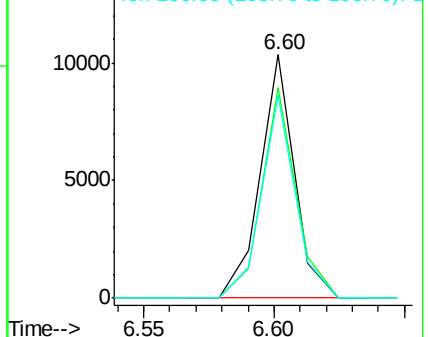
77 100

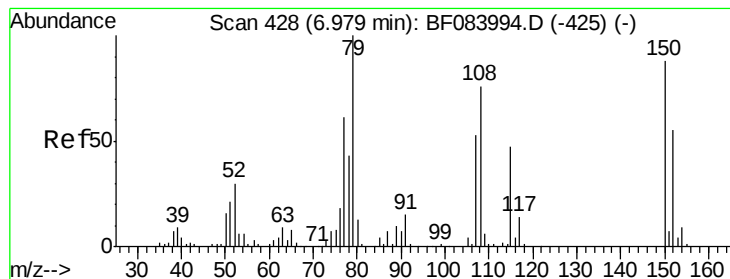
105 86.2 83.0 123.0

106 83.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampled :

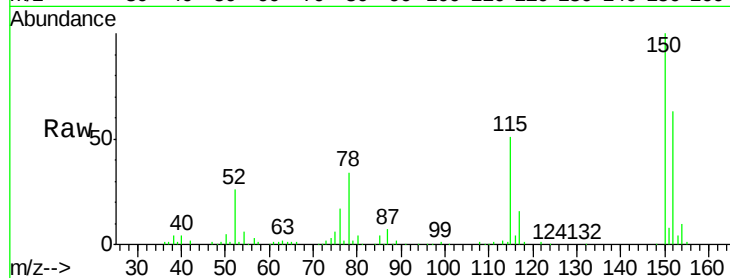
Tot Ion: 79 Resp: 5720

Ion Ratio Lower Upper

79 100

108 26.4 69.0 103.4#

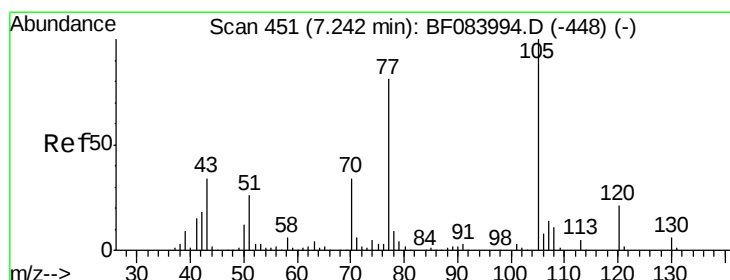
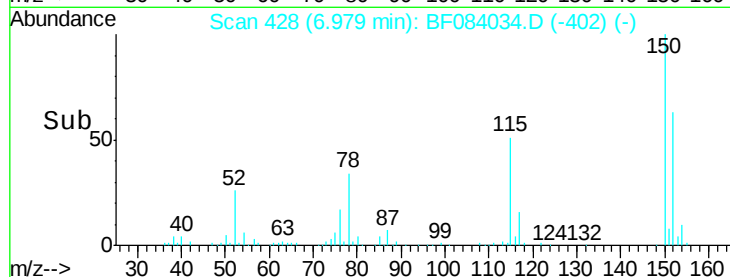
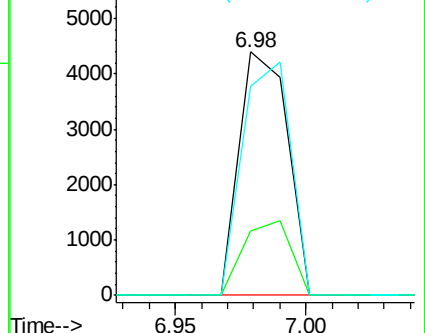
77 85.7 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 20.98 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Tgt Ion: 70 Resp: 39387

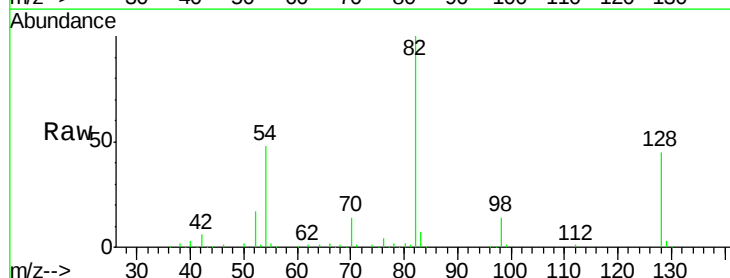
Ion Ratio Lower Upper

70 100

42 41.9 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

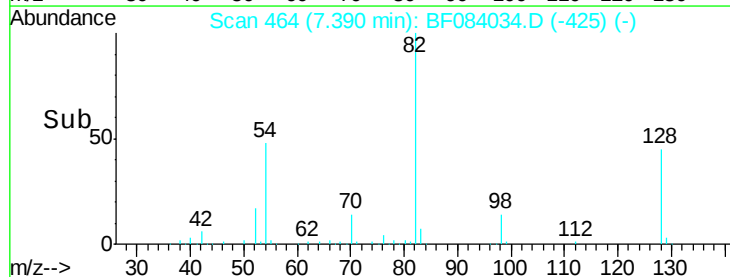
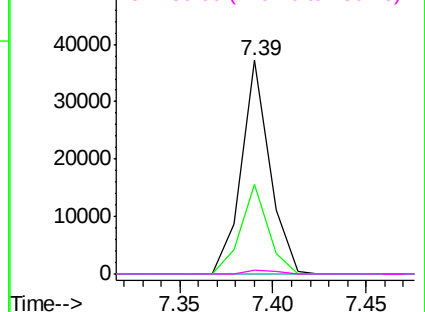


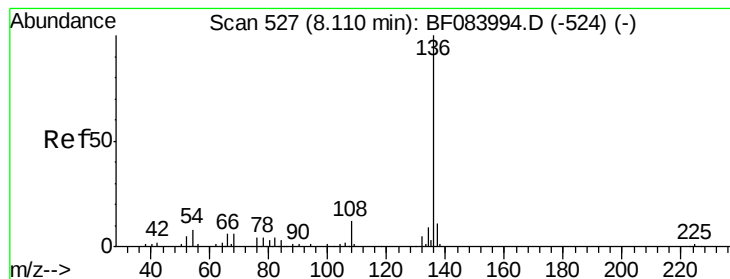
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 184518

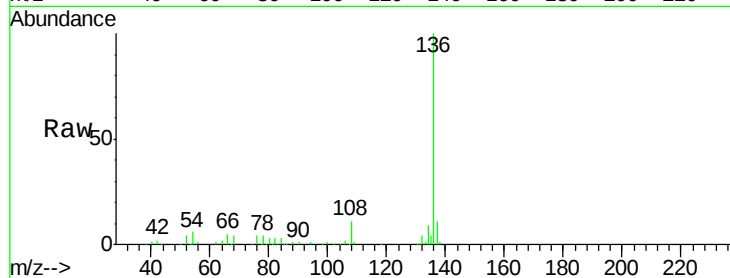
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.0 5.8 8.8

68 4.4 4.2 6.2

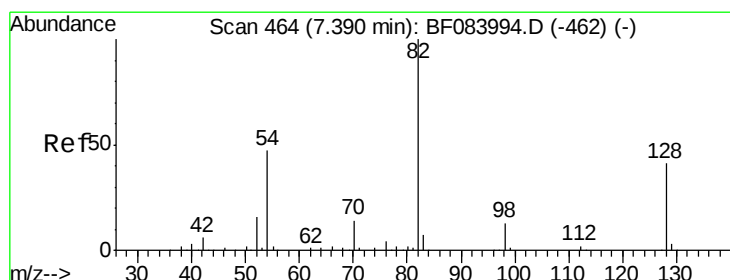
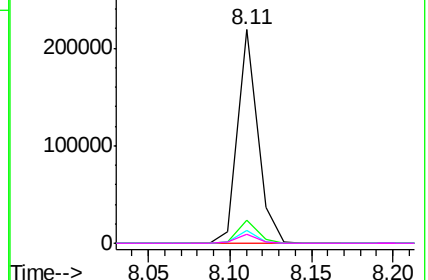
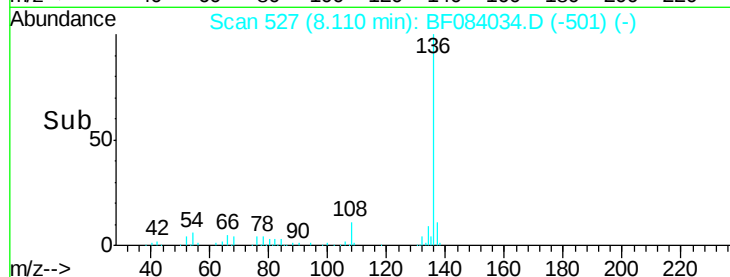


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 96.42 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

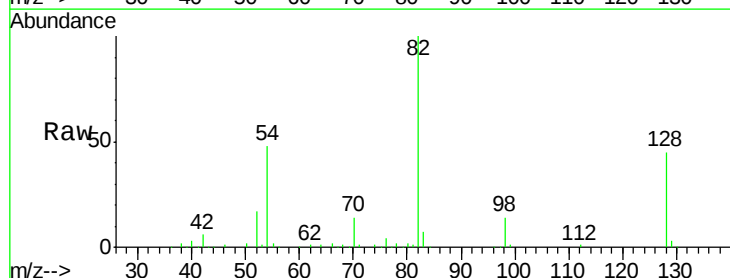
Tgt Ion: 82 Resp: 289618

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

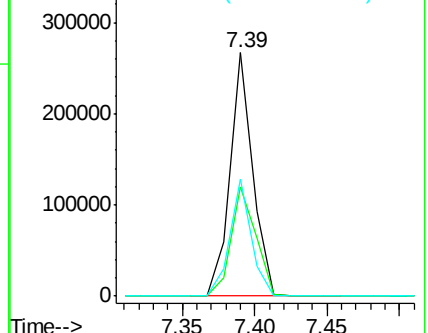
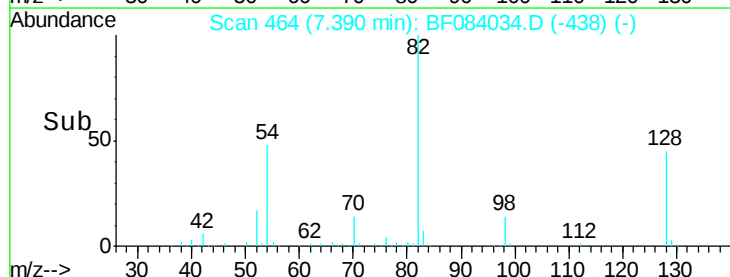
54 47.9 38.4 57.6

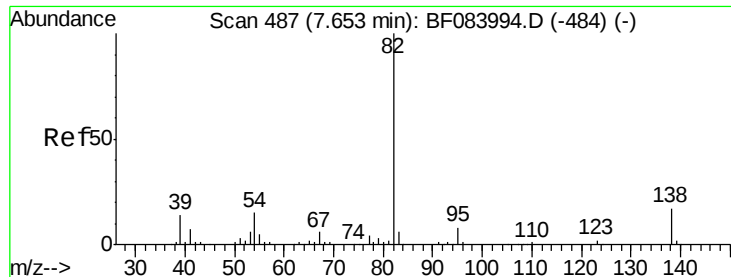


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.78 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

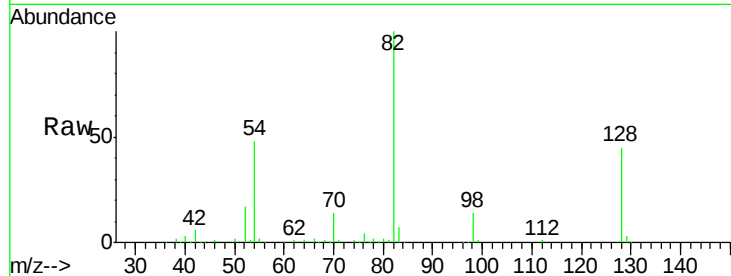
Tot Ion: 82 Resp: 249150

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

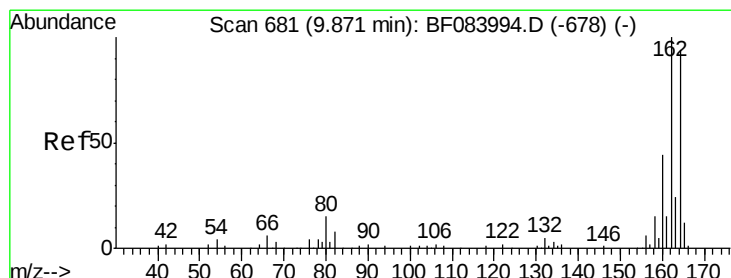
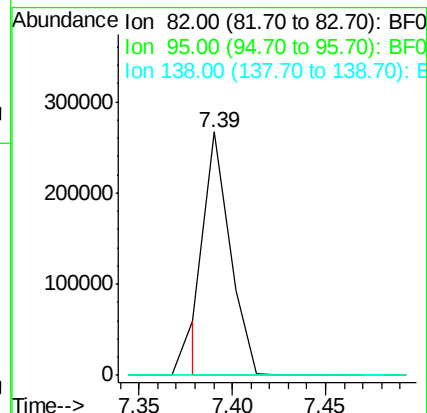
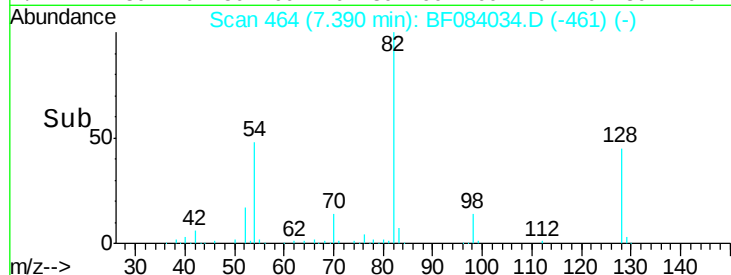
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF084034.D (-464) (-)

Ion 95.00 (94.70 to 95.70): BF084034.D (-464) (-)

Ion 138.00 (137.70 to 138.70): BF084034.D (-464) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

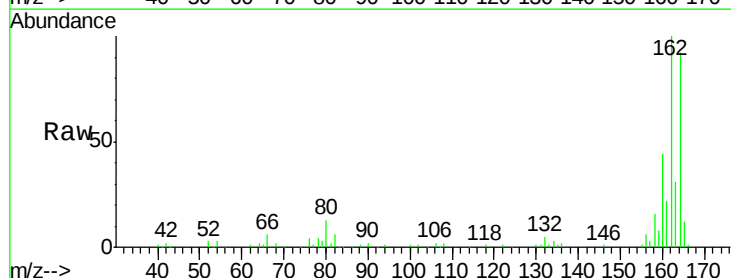
Tgt Ion: 164 Resp: 86319

Ion Ratio Lower Upper

164 100

162 108.6 85.1 127.7

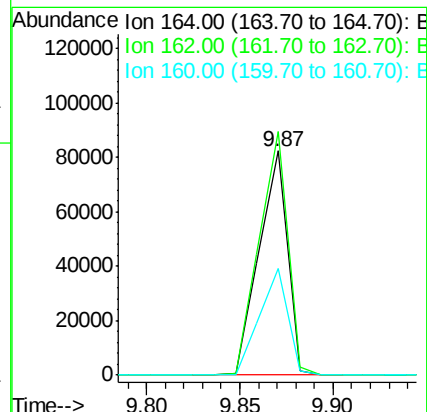
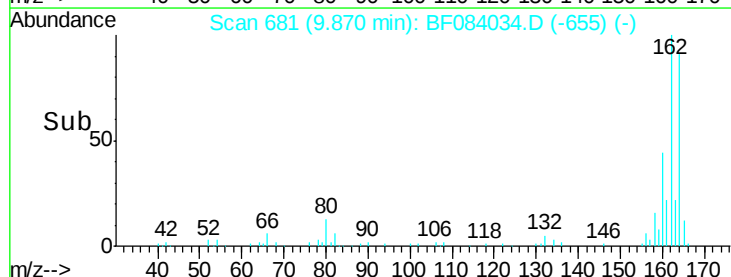
160 47.5 37.5 56.3

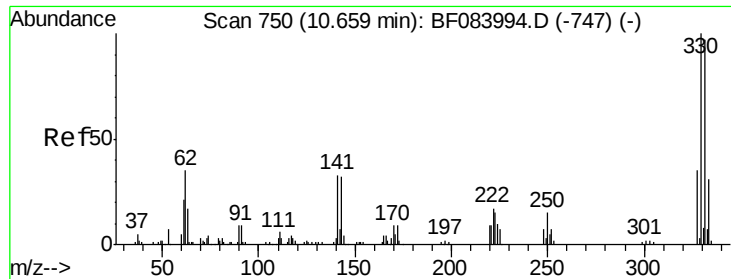


Abundance Ion 164.00 (163.70 to 164.70): BF084034.D (-655) (-)

Ion 162.00 (161.70 to 162.70): BF084034.D (-655) (-)

Ion 160.00 (159.70 to 160.70): BF084034.D (-655) (-)

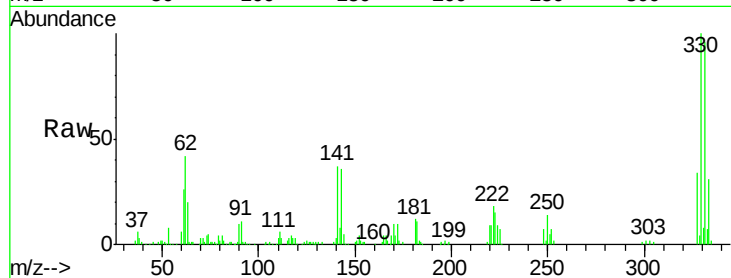




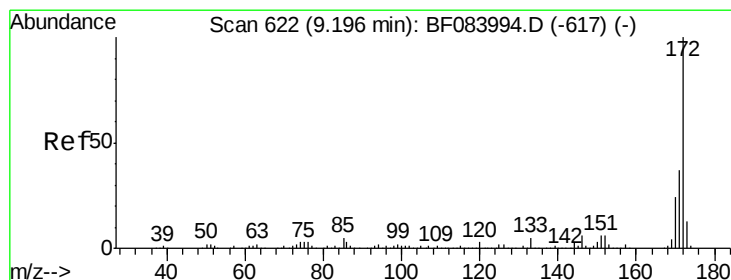
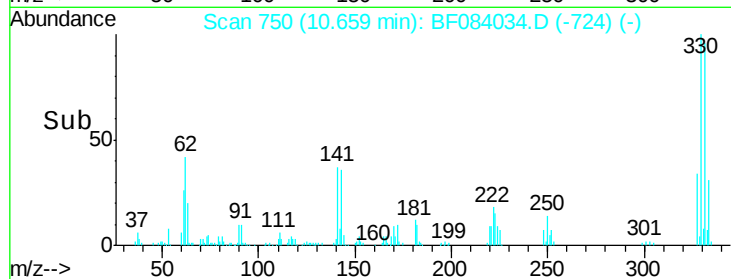
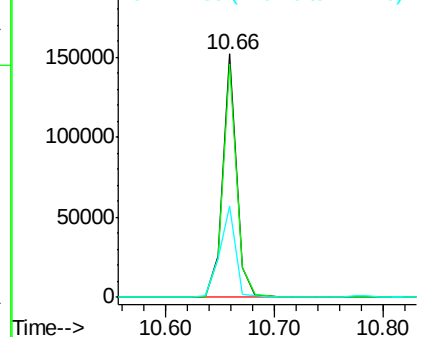
#41
 2,4,6-Tribromophenol
 Concen: 165.32 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084034.D
 Acq: 23 Dec 2015 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	43.2	27.8	41.6

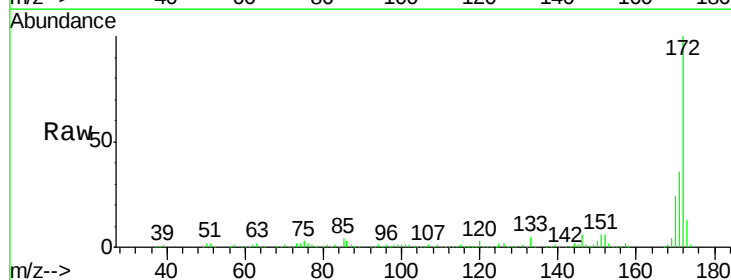


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

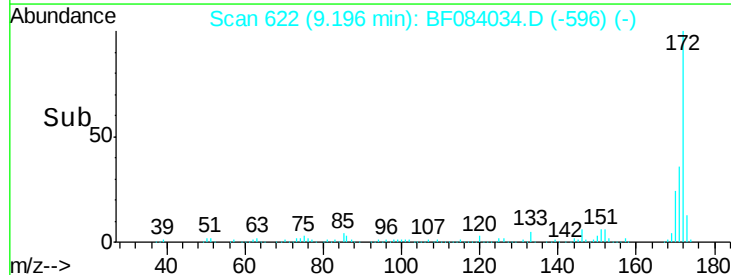
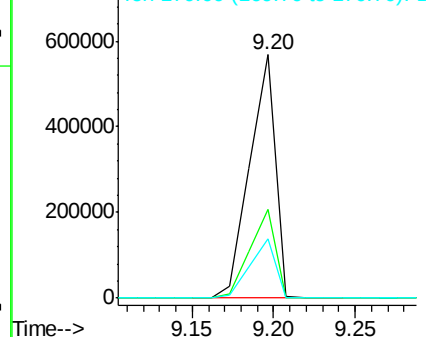


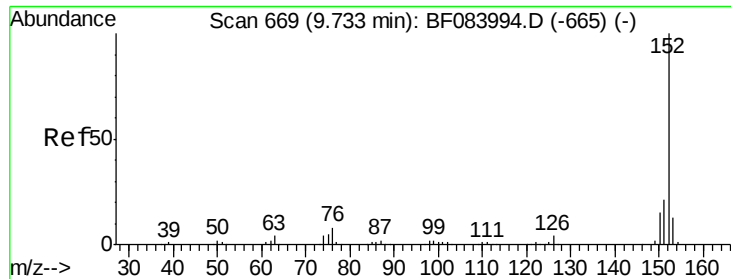
#44
 2-Fluorobiphenyl
 Concen: 96.88 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084034.D
 Acq: 23 Dec 2015 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.2	18.6	27.8



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





#48

Acenaphthylene

Concen: 4.65 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

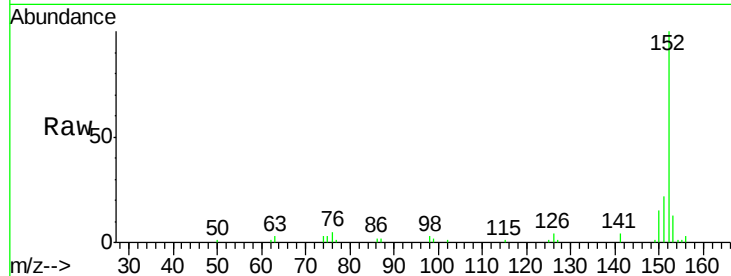
Tot Ion:152 Resp: 40454

Ion Ratio Lower Upper

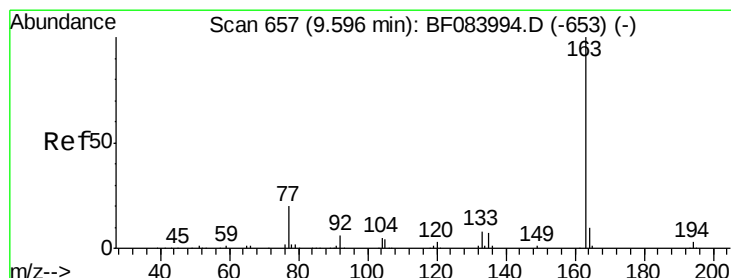
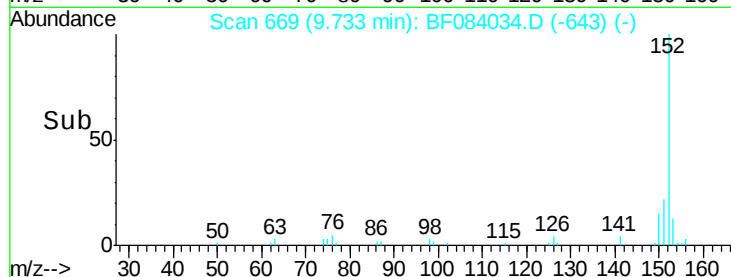
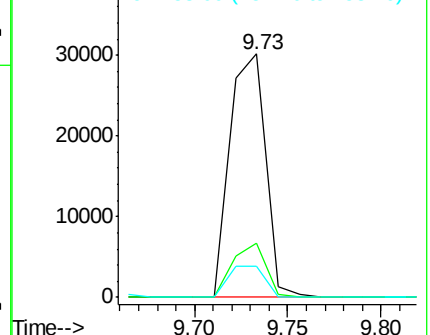
152 100

151 22.0 16.3 24.5

153 12.8 10.4 15.6



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: 14.71 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

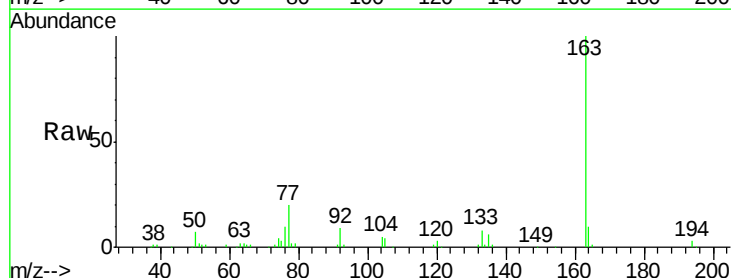
Tgt Ion:163 Resp: 99360

Ion Ratio Lower Upper

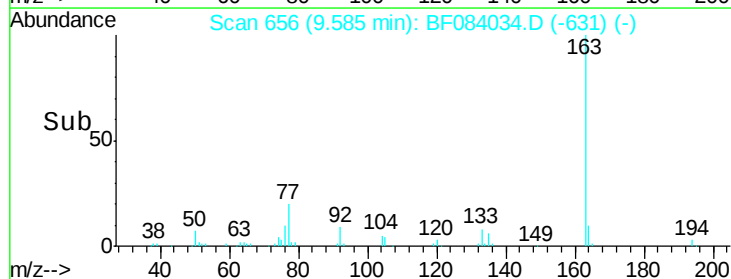
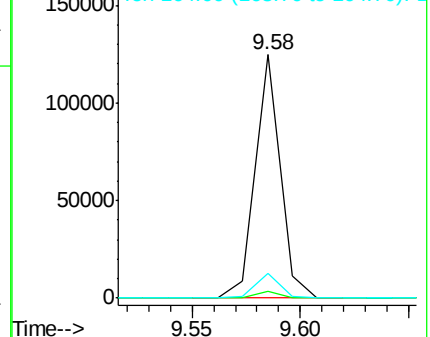
163 100

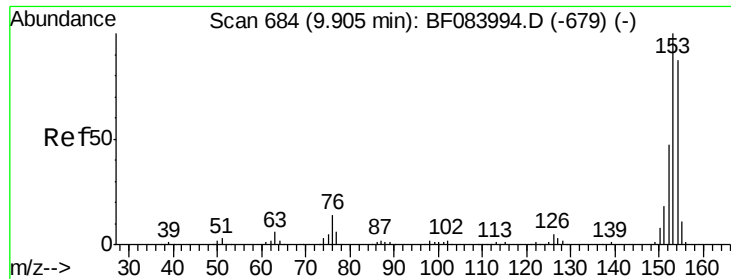
194 3.0 8.0 12.0#

164 10.3 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: 2.90 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

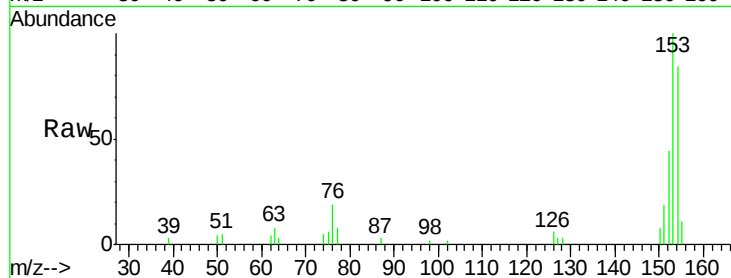
Tot Ion:154 Resp: 15022

Ion Ratio Lower Upper

154 100

153 118.9 91.5 137.3

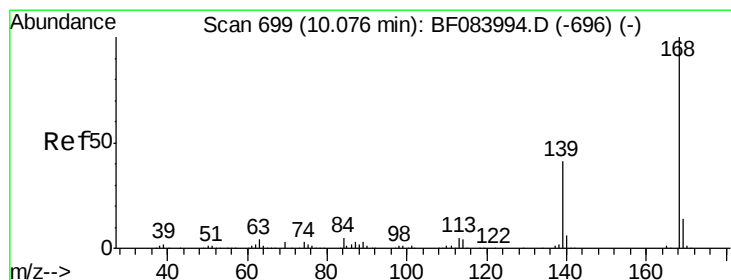
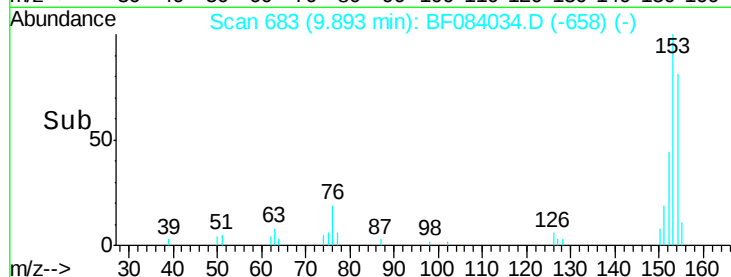
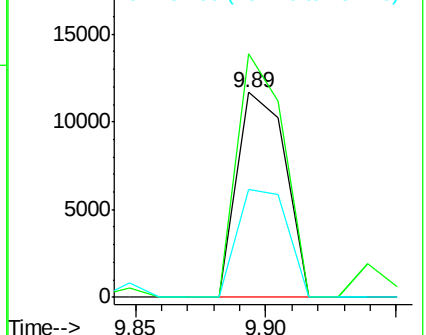
152 52.5 43.0 64.6



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: 2.39 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

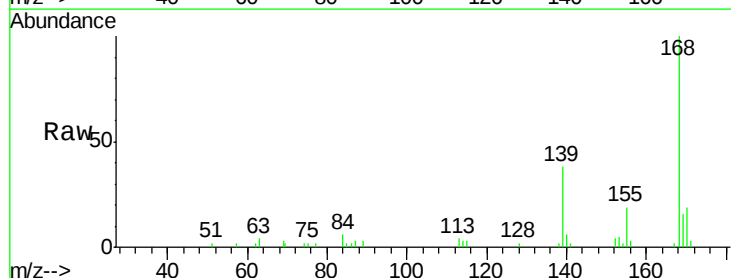
Tgt Ion:168 Resp: 18474

Ion Ratio Lower Upper

168 100

139 37.7 30.5 45.7

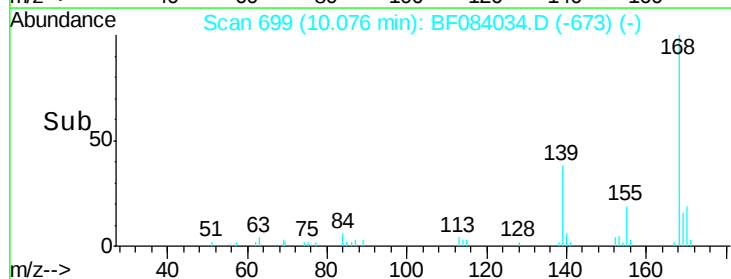
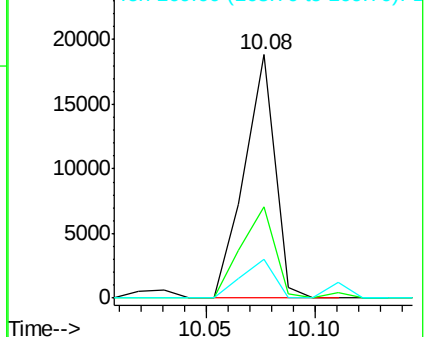
169 16.1 10.4 15.6#

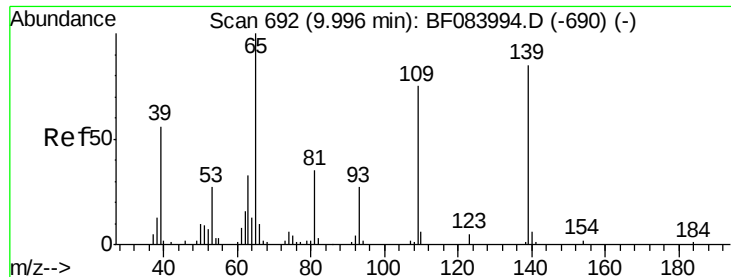


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

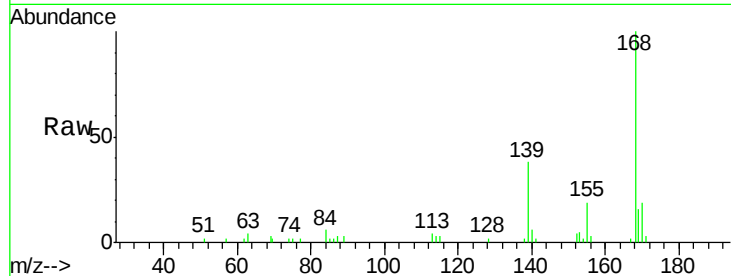




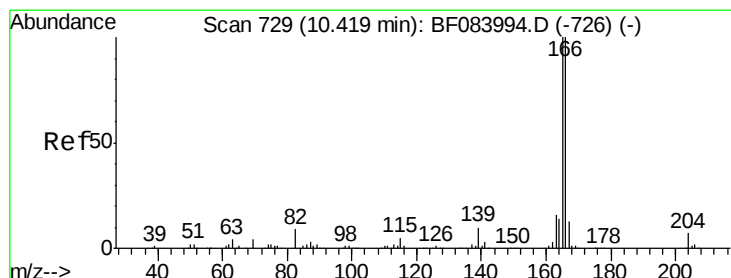
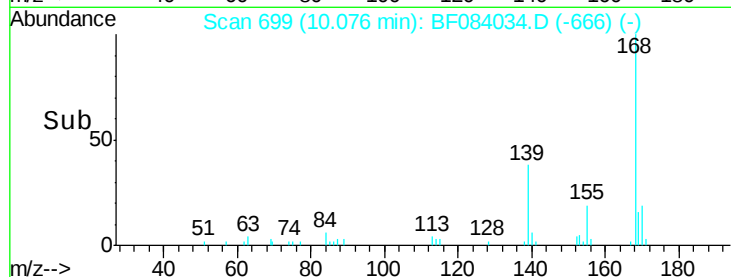
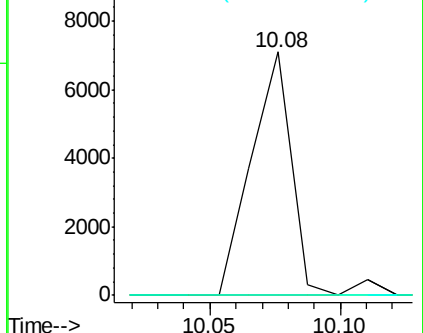
#55
4-Nitrophenol
Concen: 8.57 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.08 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 7628
Ion Ratio Lower Upper
139 100
109 0.0 58.5 98.5#
65 0.0 57.6 97.6#

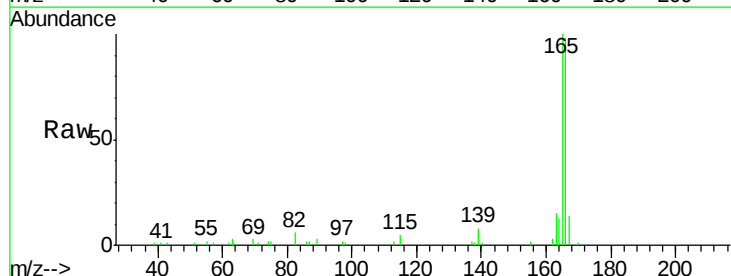


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

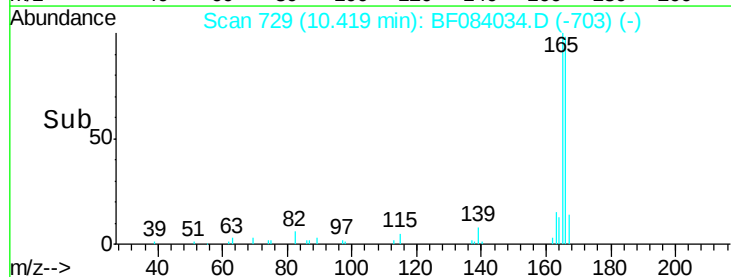
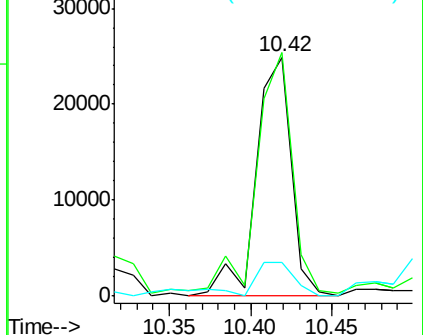


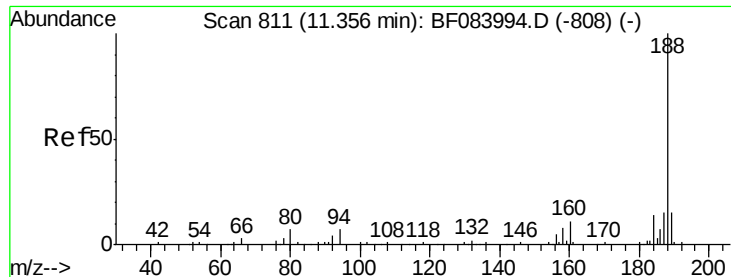
#57
Fluorene
Concen: 6.12 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Tgt Ion:166 Resp: 37515
Ion Ratio Lower Upper
166 100
165 101.9 79.1 118.7
167 14.0 10.4 15.6



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

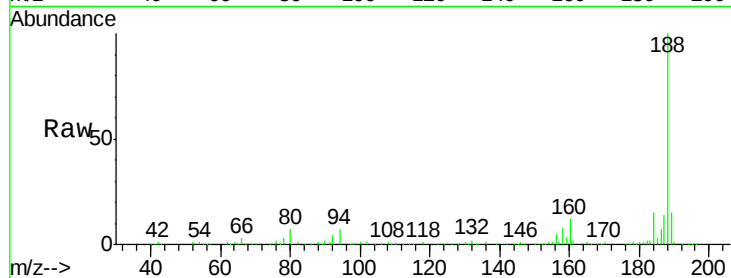




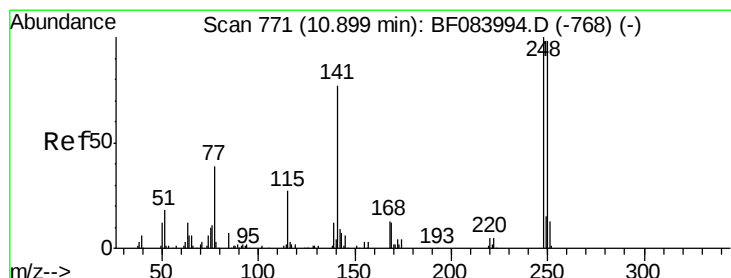
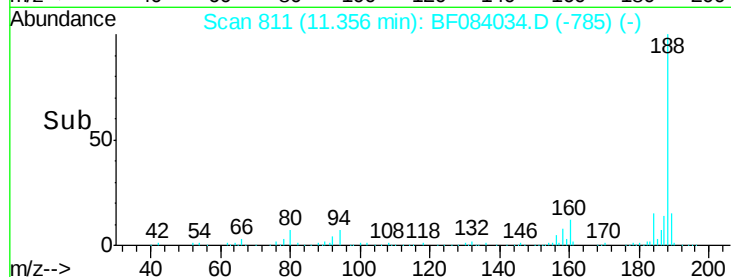
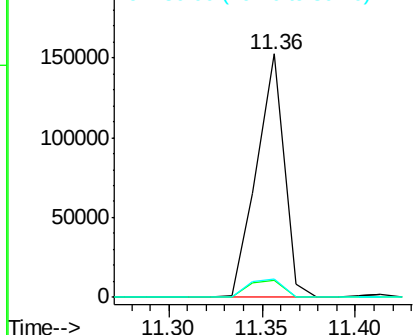
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 155315
Ion Ratio Lower Upper
188 100
94 7.0 9.0 13.4#
80 7.3 9.6 14.4#

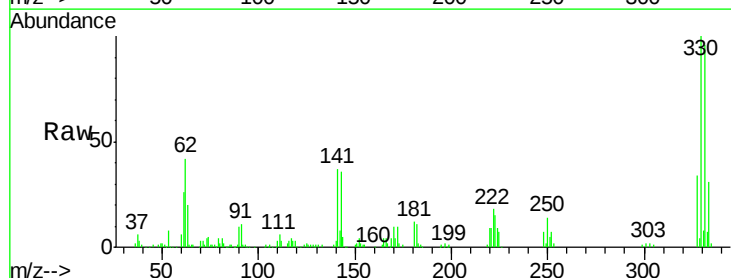


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

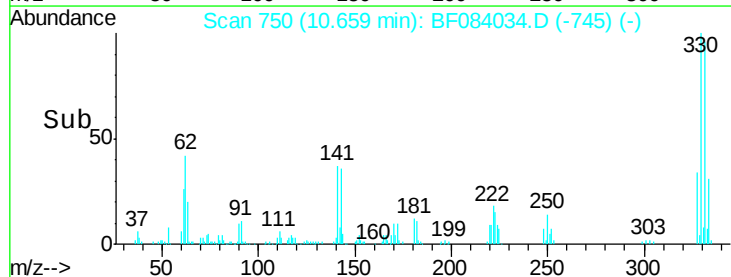
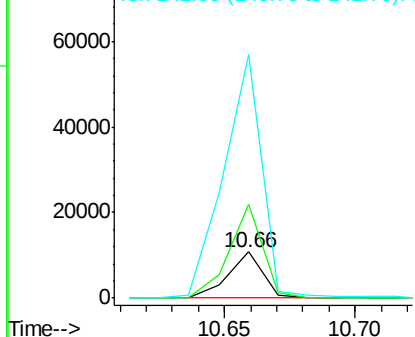


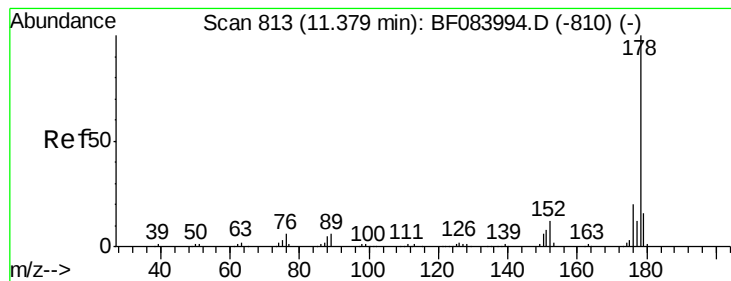
#66
4-Bromophenyl-phenylether
Concen: 5.53 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Tgt Ion:248 Resp: 9849
Ion Ratio Lower Upper
248 100
250 203.1 78.4 117.6#
141 527.7 44.0 66.0#



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





#70

Phenanthrene

Concen: 60.69 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

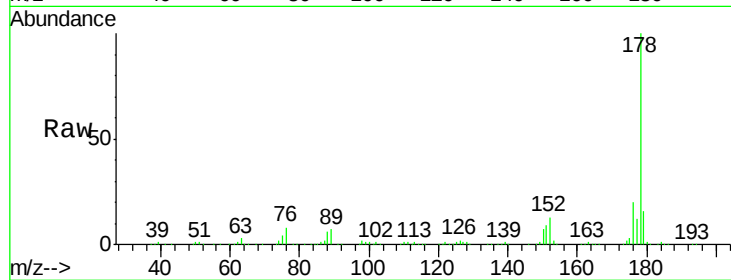
Tot Ion:178 Resp: 532730

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

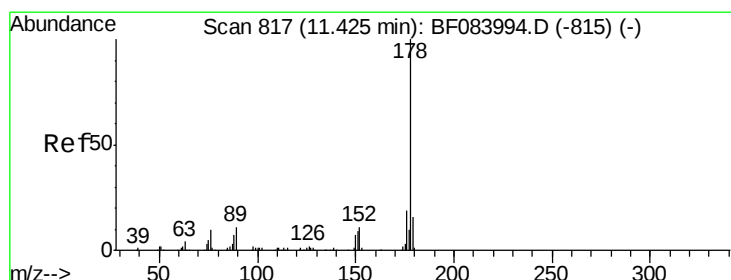
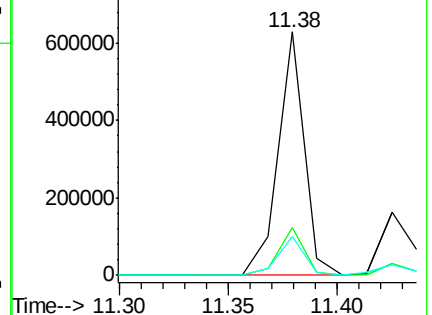
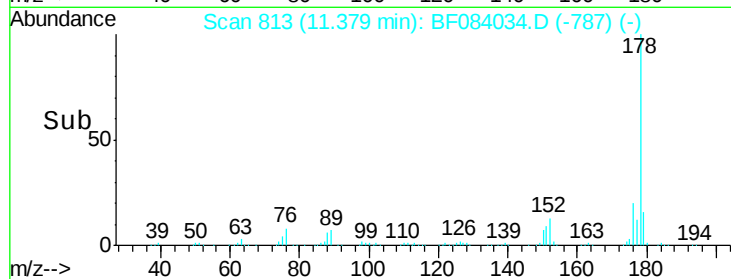
179 15.9 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 18.37 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

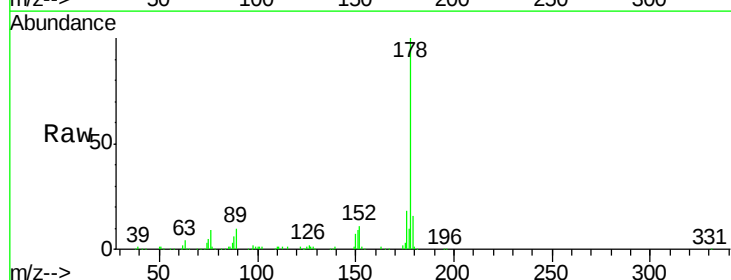
Tgt Ion:178 Resp: 163770

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.0

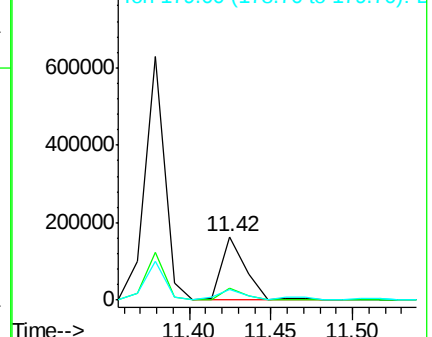
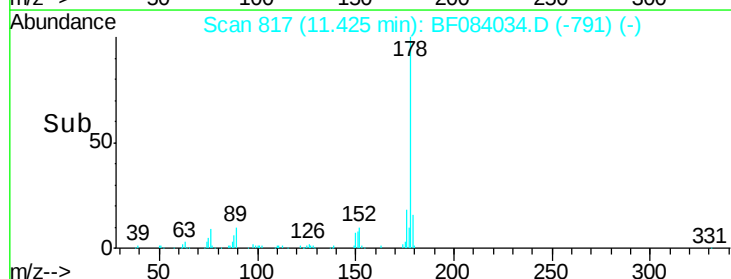
179 15.9 12.5 18.7

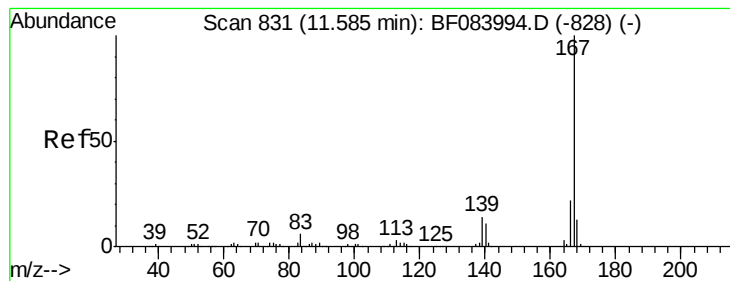


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.26 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

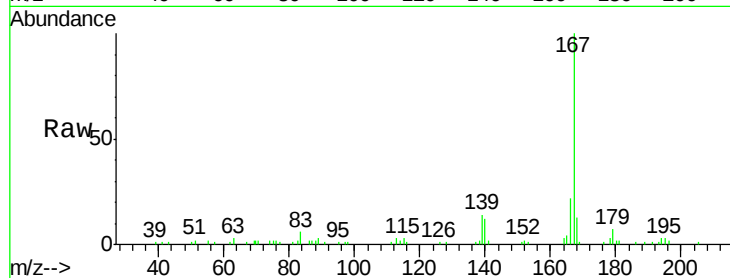
Tot Ion:167 Resp: 35468

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

139 14.1 11.8 17.8

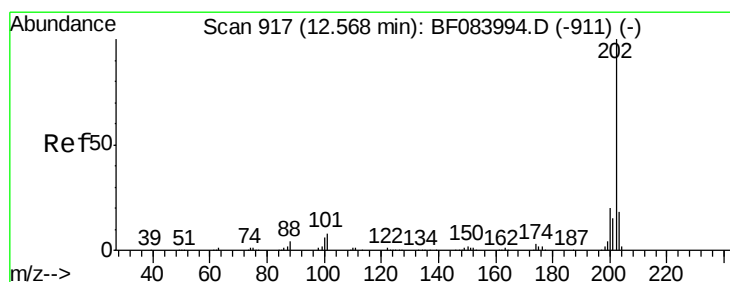
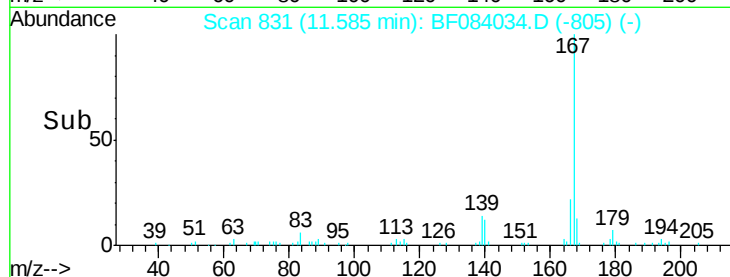


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#74

Fluoranthene

Concen: 89.44 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

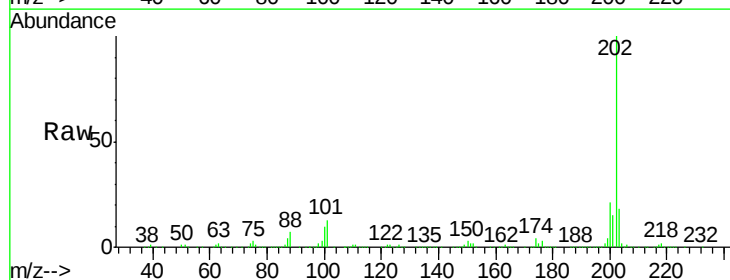
Tgt Ion:202 Resp: 778590

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

203 18.3 0.0 37.9

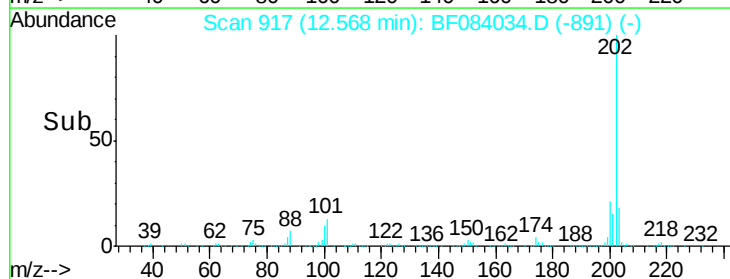


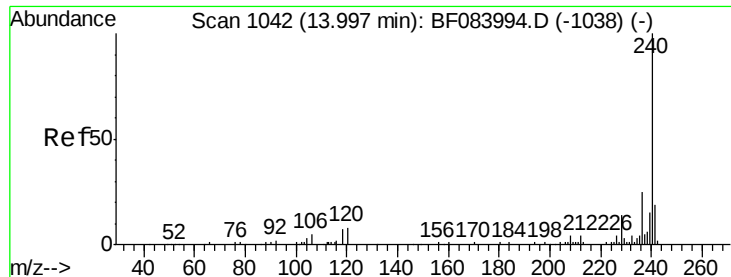
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

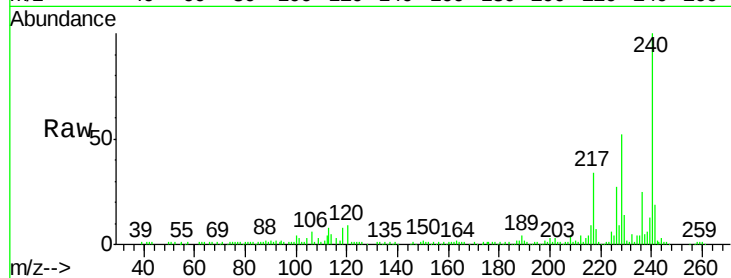
Tot Ion:240 Resp: 99284

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

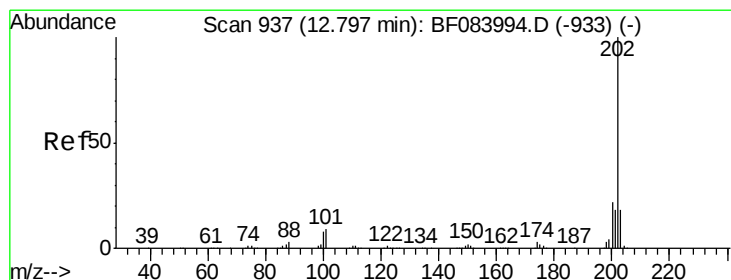
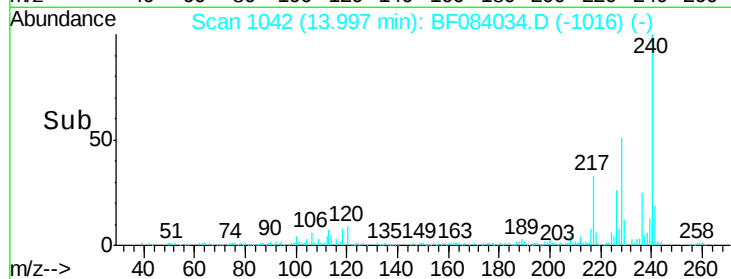
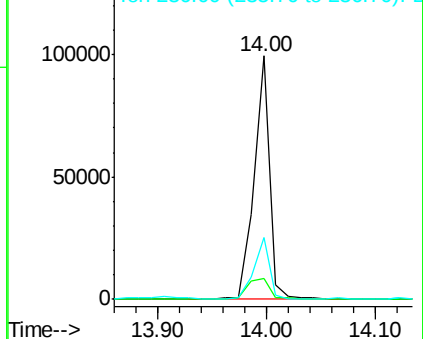
236 25.4 20.6 31.0



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: 89.74 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

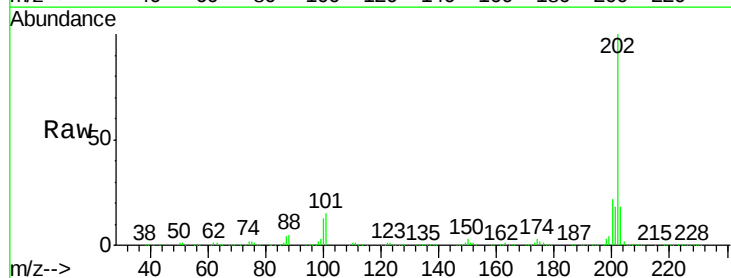
Tgt Ion:202 Resp: 604499

Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

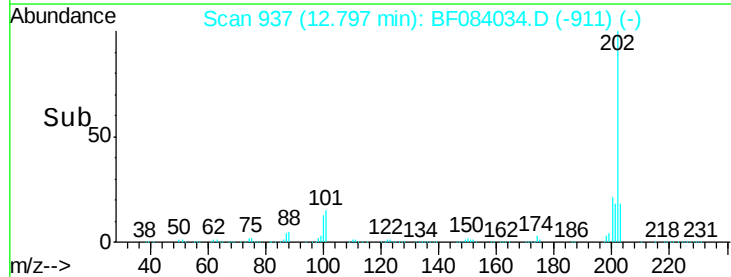
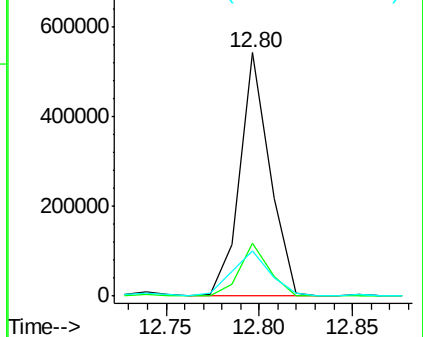
203 18.5 14.3 21.5

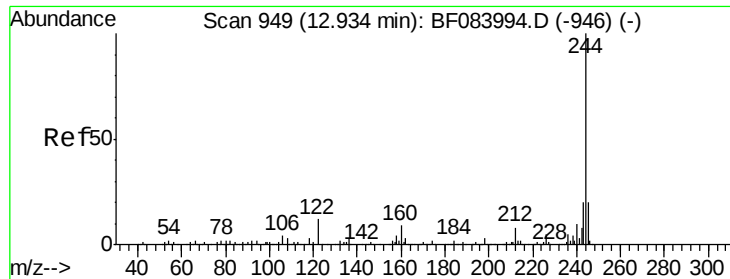


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 97.27 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

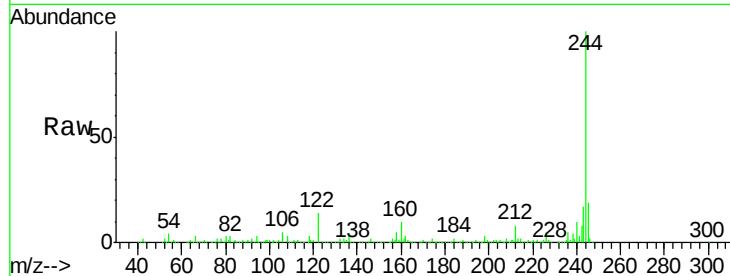
Tot Ion:244 Resp: 404952

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

122 14.3 7.4 11.0#

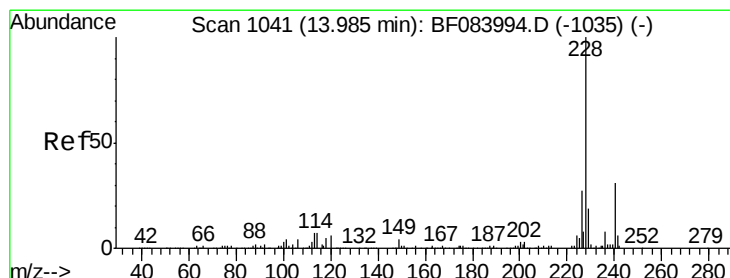
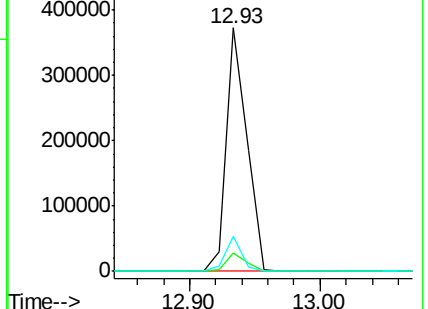
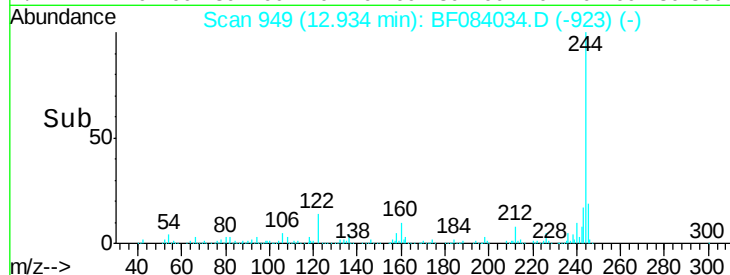


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 37.32 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.03 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

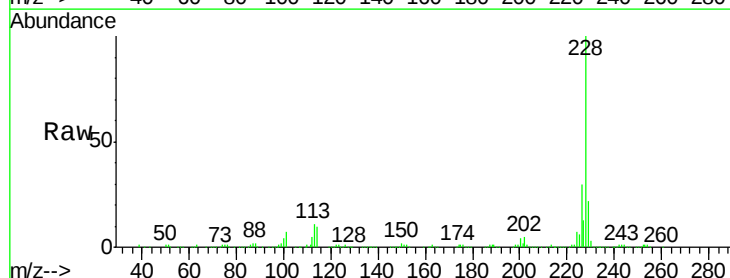
Tgt Ion:228 Resp: 213638

Ion Ratio Lower Upper

228 100

226 30.3 21.8 32.6

229 21.9 15.8 23.8

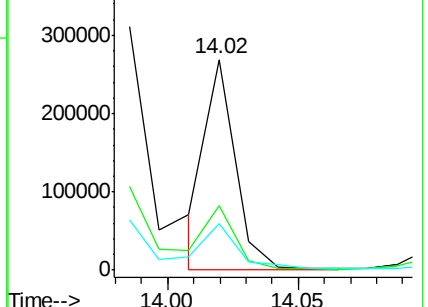
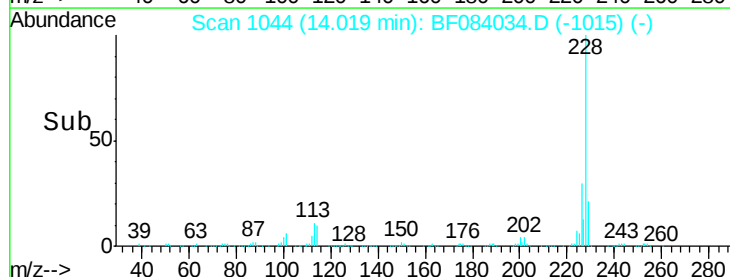


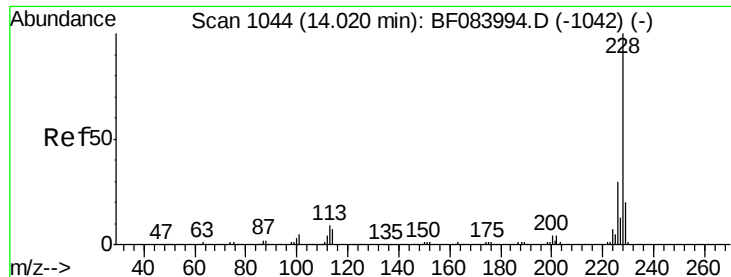
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->

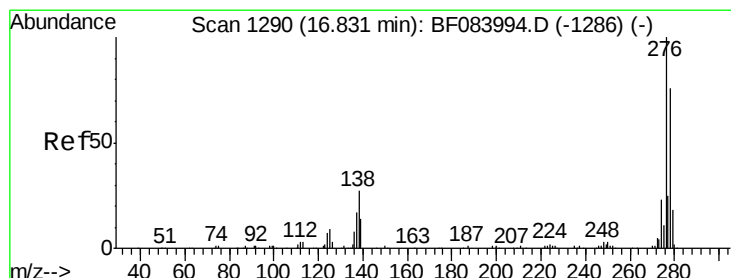
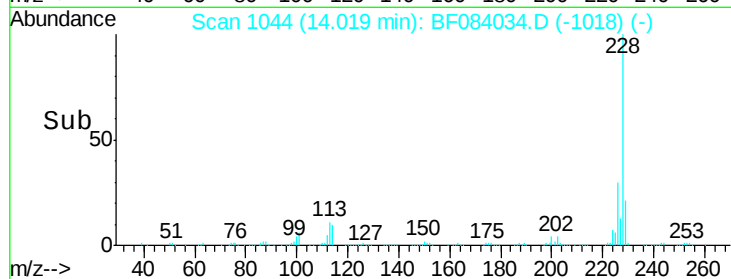
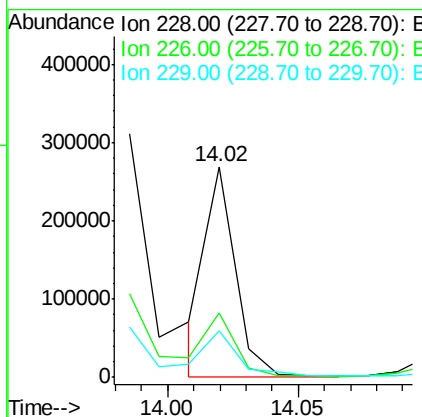
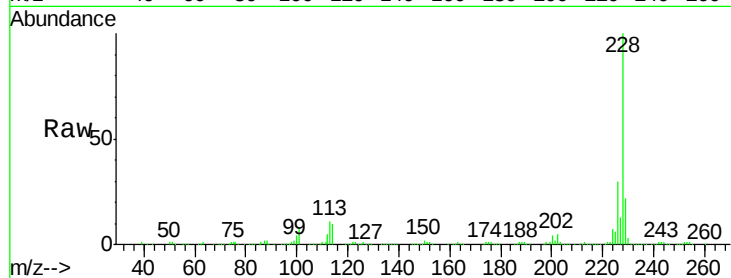




#82
Chrysene
Concen: 40.23 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

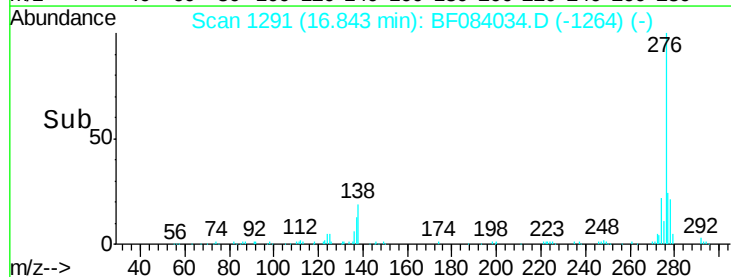
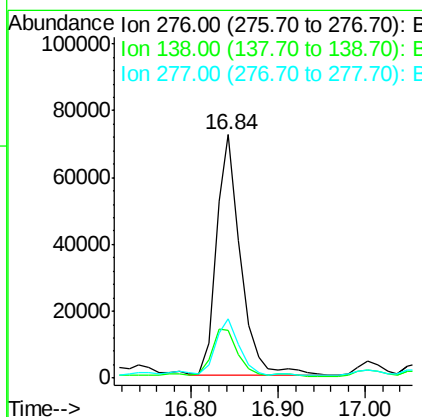
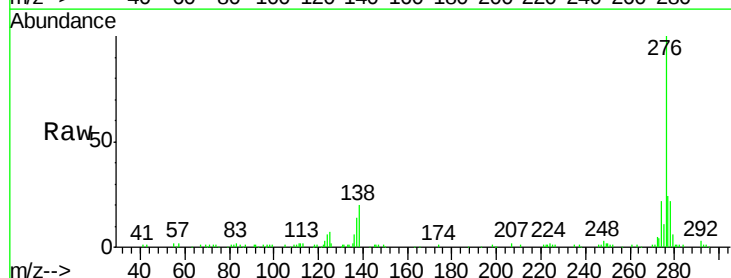
Instrument :
BNA_F
ClientSampleId :

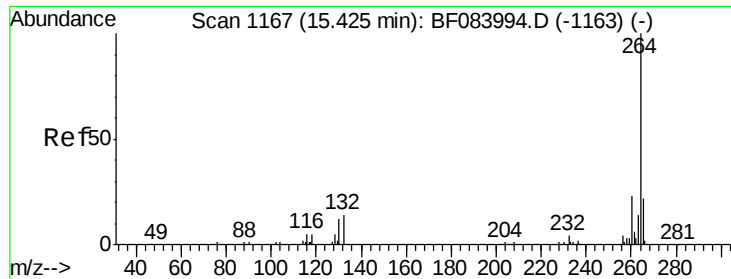
Tot Ion:228 Resp: 213817
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.9 16.1 24.1



#85
Indeno(1,2,3-cd)pyrene
Concen: 31.71 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Tgt Ion:276 Resp: 139399
Ion Ratio Lower Upper
276 100
138 21.7 20.6 30.8
277 23.8 20.1 30.1





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

Instrument :

BNA_F

ClientSampleId :

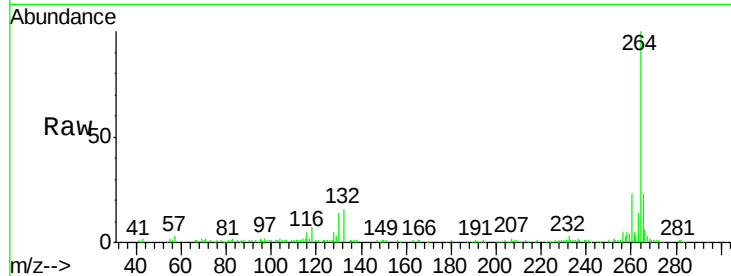
Tot Ion:264 Resp: 93845

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.2

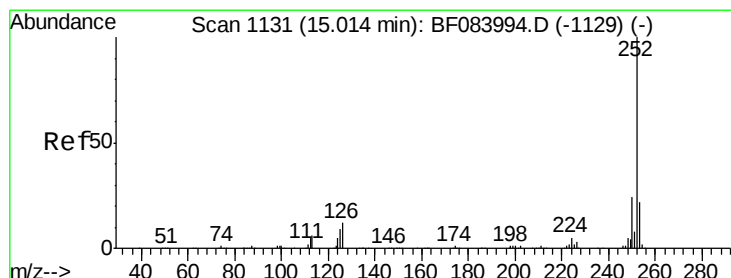
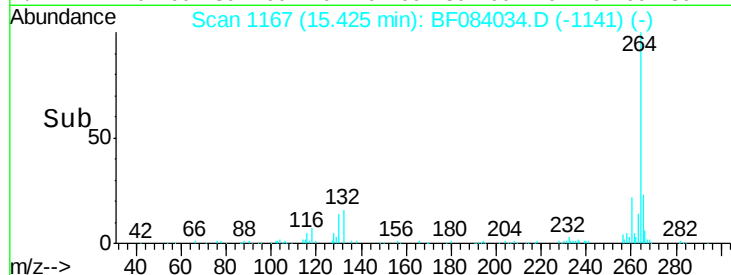
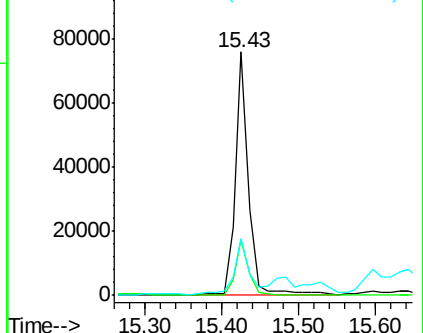
265 23.3 17.8 26.6



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: 67.22 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF084034.D

Acq: 23 Dec 2015 12:39

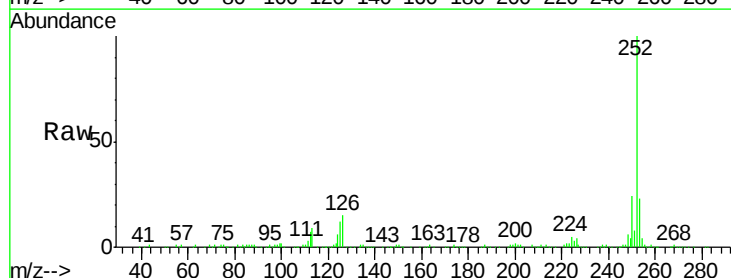
Tgt Ion:252 Resp: 397715

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

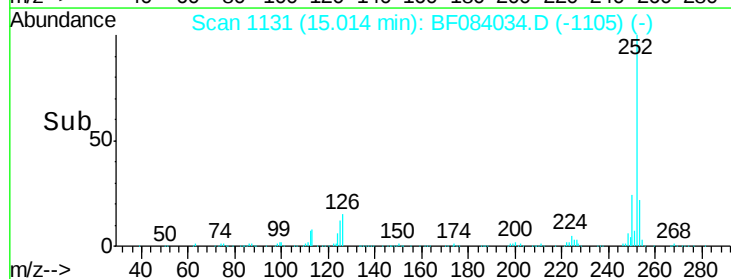
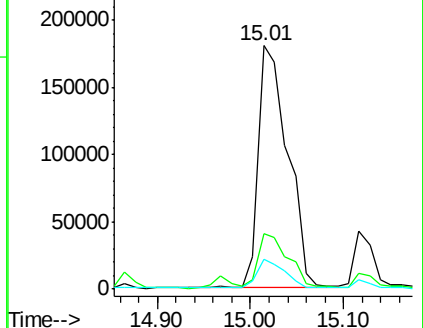
125 12.4 6.5 9.7#

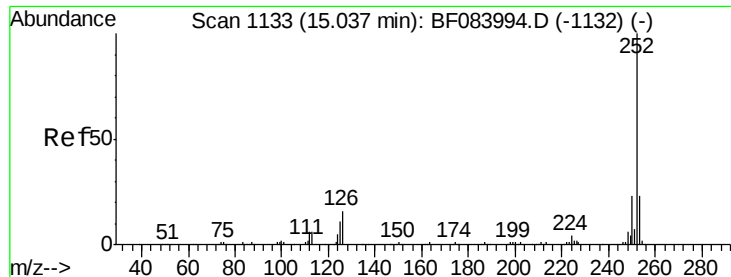


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

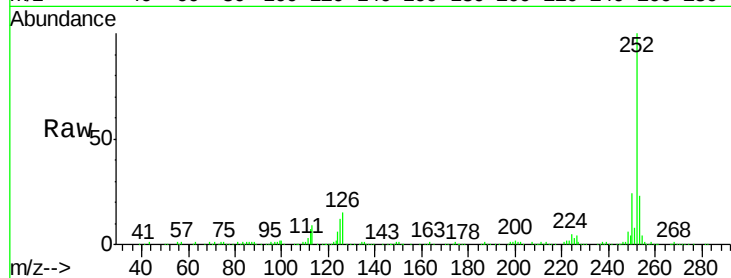




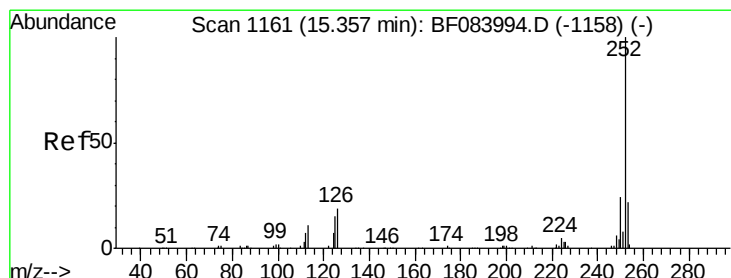
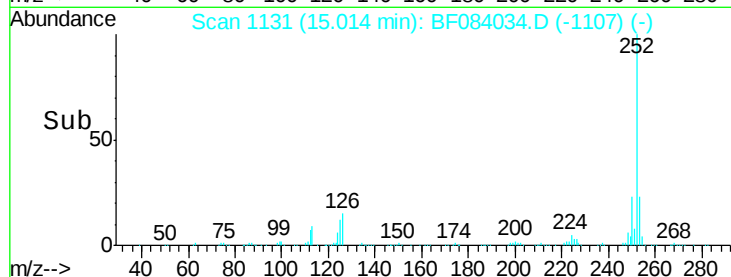
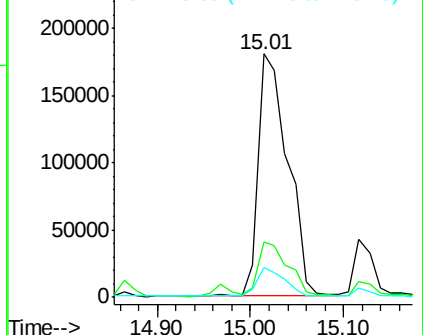
#88
Benzo(k)fluoranthene
Concen: 70.68 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.4	9.0	13.6

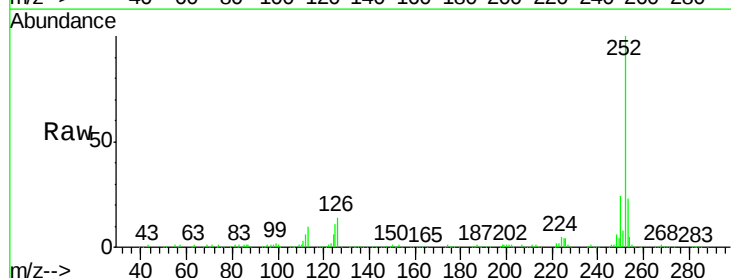


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

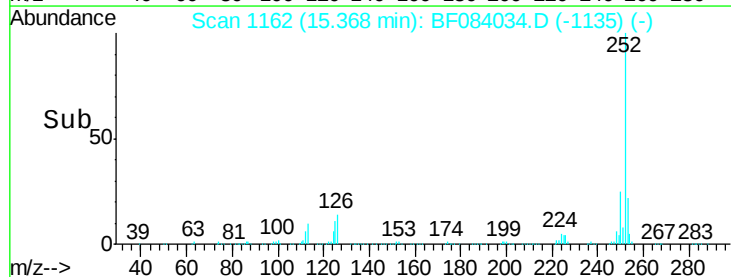
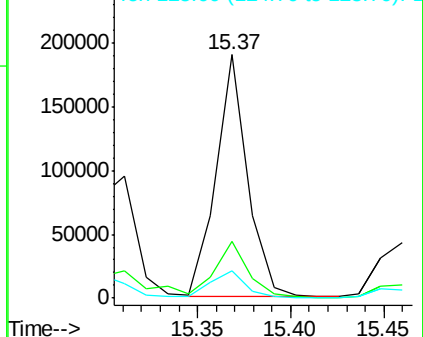


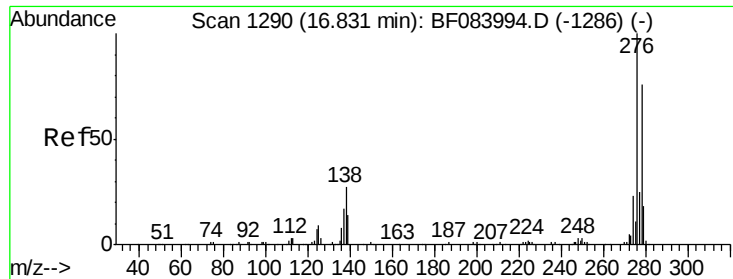
#89
Benzo(a)pyrene
Concen: 40.77 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	11.3	7.0	10.4



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

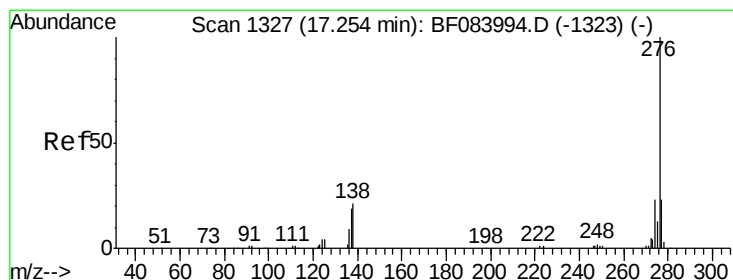
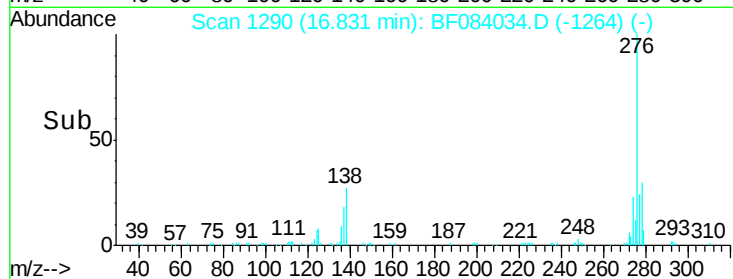
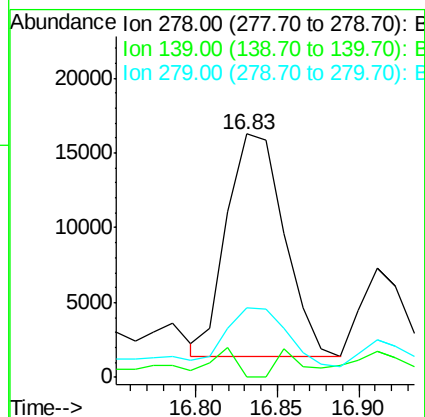
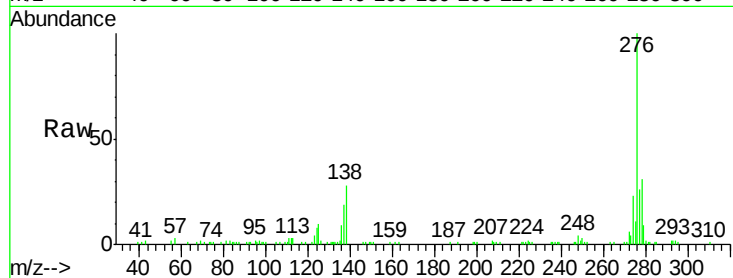




#90
Dibenzo(a,h)anthracene
Concen: 7.98 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 36230
Ion Ratio Lower Upper
278 100
139 0.0 15.0 22.4#
279 28.5 18.9 28.3#



#91
Benzo(g,h,i)perylene
Concen: 25.71 ng
RT: 17.27 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF084034.D
Acq: 23 Dec 2015 12:39

Tgt Ion:276 Resp: 118090
Ion Ratio Lower Upper
276 100
277 25.3 18.8 28.2
138 21.1 17.8 26.6

