

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091294.D
 Acq On : 24 Nov 2016 00:10
 Operator : UM/SJ
 Sample : H5740-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)

Quant Time: Nov 24 00:51:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	203683	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	806315	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	362733	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	489626	20.00	ng	0.00
75) Chrysene-d12	14.08	240	342188	20.00	ng	0.03
86) Perylene-d12	15.54	264	384458	20.00	ng	0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1164806	91.88	ng	0.01
7) Phenol-d6	6.51	99	1647293	101.14	ng	0.01
23) Nitrobenzene-d5	7.44	82	975928	69.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	290701	79.47	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1268482	57.26	ng	0.00
78) Terphenyl-d14	13.00	244	906634	60.51	ng	0.01

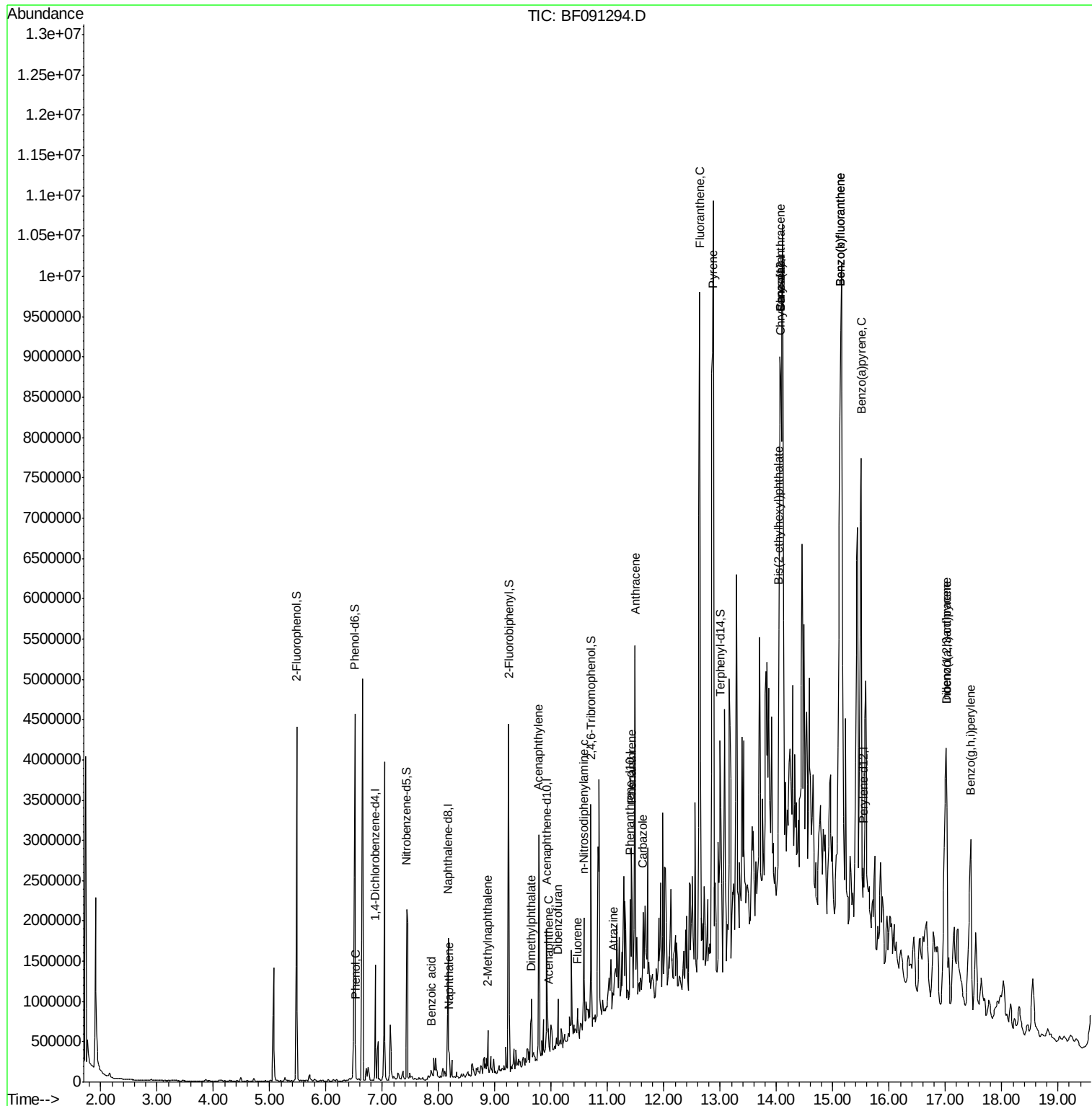
Target Compounds				Qvalue		
9) Benzaldehyde	6.42	77	5636	Below Cal		90
10) Phenol	6.52	94	118153	6.50 ng		80
31) Naphthalene	8.19	128	177418	4.57 ng		98
32) Benzoic acid	7.87	122	40295	4.10 ng		95
37) 2-Methylnaphthalene	8.88	142	84836	3.19 ng		93
48) Acenaphthylene	9.78	152	1245394	40.57 ng		99
49) Dimethylphthalate	9.64	163	141260	6.24 ng	#	95
51) Acenaphthene	9.95	154	63033	3.02 ng		98
54) Dibenzofuran	10.12	168	122631	4.17 ng	#	92
57) Fluorene	10.46	166	148968	6.62 ng		97
65) n-Nitrosodiphenylamine	10.58	169	30504	2.05 ng	#	76
68) Atrazine	11.10	200	17770	3.80 ng		85
70) Phenanthrene	11.42	178	935464	36.83 ng		98
71) Anthracene	11.49	178	2993144	115.25 ng		99
72) Carbazole	11.63	167	377510	16.33 ng		100
74) Fluoranthene	12.64	202	5363432	207.59 ng		93
77) Pyrene	12.88	202	6356273	251.40 ng		94
80) Benzo(a)anthracene	14.07	228	6941518	357.43 ng	#	90
82) Chrysene	14.07	228	6941518	378.20 ng	#	93
83) Bis(2-ethylhexyl)phthalate	14.04	149	67434	5.35 ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.01	276	3203857	202.69 ng	#	92
87) Benzo(b)fluoranthene	15.14	252	11205320	462.02 ng		96
88) Benzo(k)fluoranthene	15.14	252	11205320	565.67 ng		97
89) Benzo(a)pyrene	15.51	252	4339515	210.32 ng		95
90) Dibenzo(a,h)anthracene	17.01	278	1170613	61.45 ng	#	87
91) Benzo(g,h,i)perylene	17.45	276	2652457	140.38 ng		99

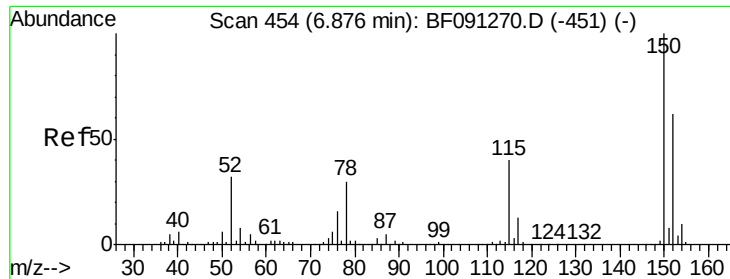
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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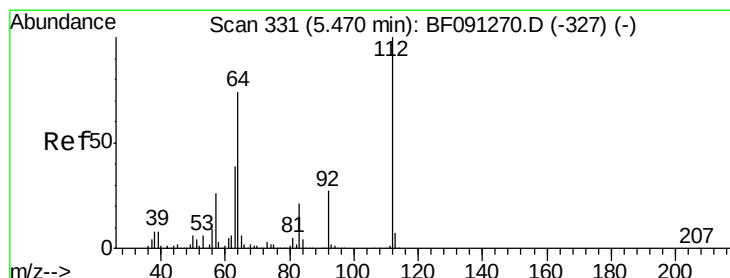
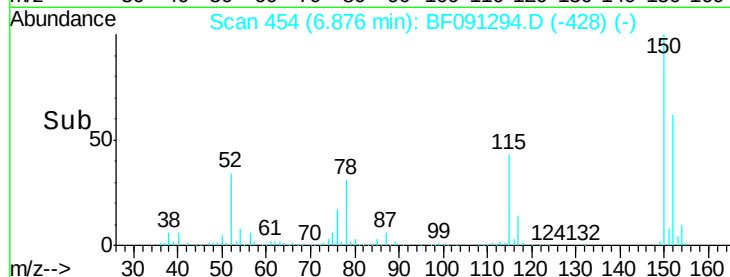
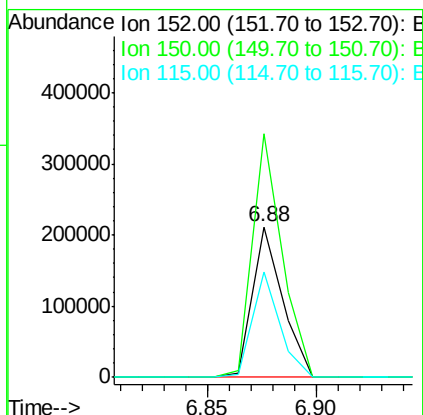
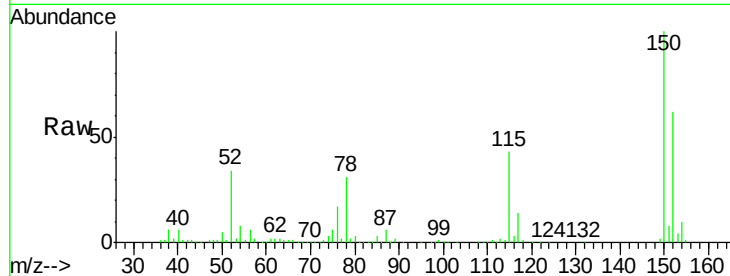


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091294.D
Acq: 24 Nov 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)

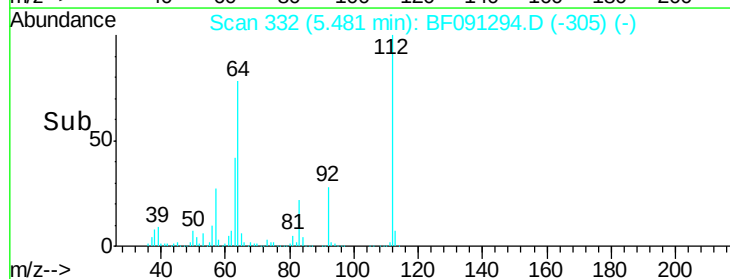
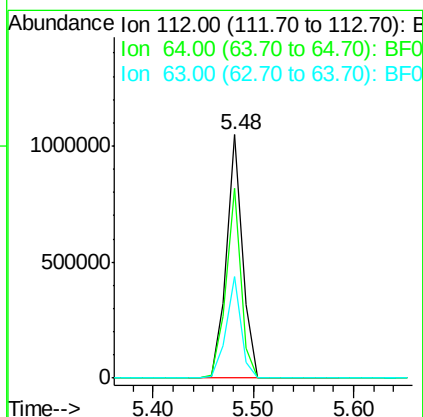
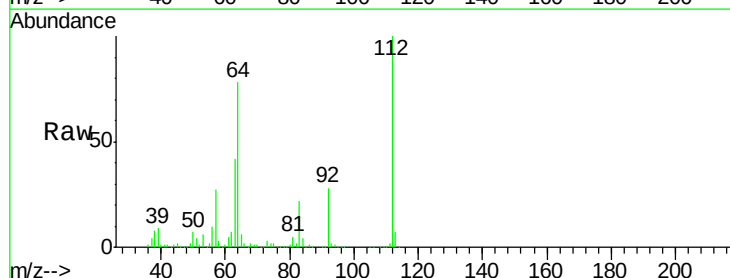
Tgt Ion:152 Resp: 203683
Ion Ratio Lower Upper
152 100
150 161.7 122.5 183.7
115 70.1 51.8 77.8

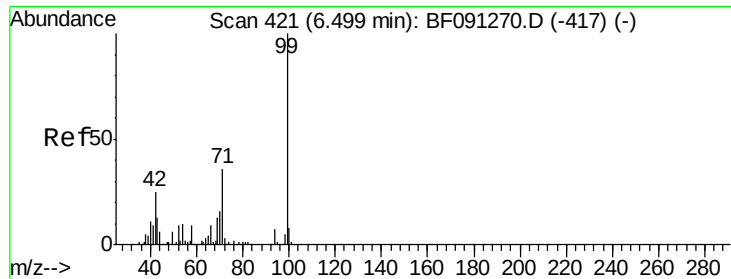


#5

2-Fluorophenol
Concen: 91.88 ng
RT: 5.48 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF091294.D
Acq: 24 Nov 2016 00:10

Tgt Ion:112 Resp: 1164806
Ion Ratio Lower Upper
112 100
64 78.1 61.5 92.3
63 41.7 33.3 49.9





#7

Phenol-d6

Concen: 101.14 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

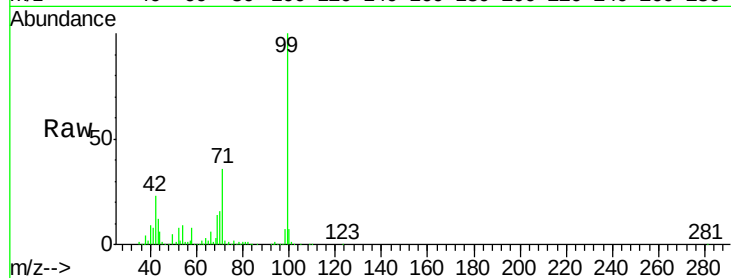
Tgt Ion: 99 Resp: 1647293

Ion Ratio Lower Upper

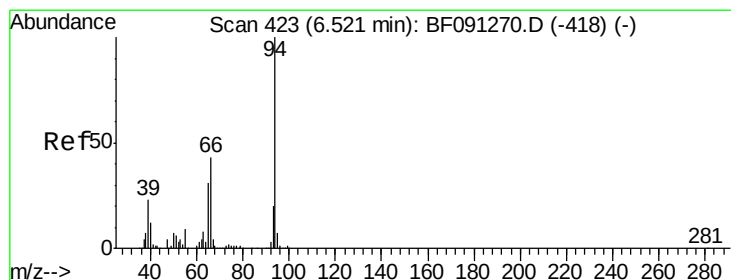
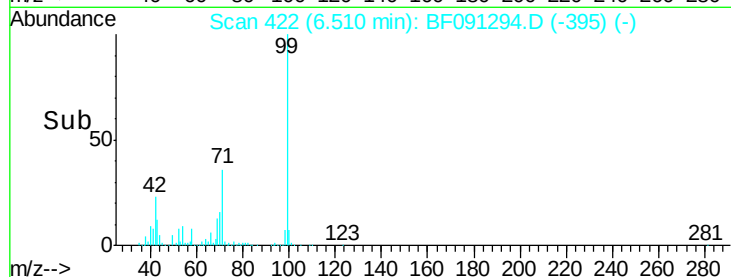
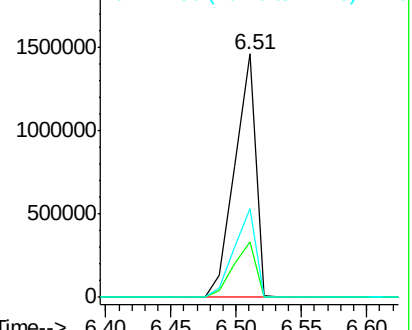
99 100

42 22.6 20.6 31.0

71 36.4 29.9 44.9



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: 6.50 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

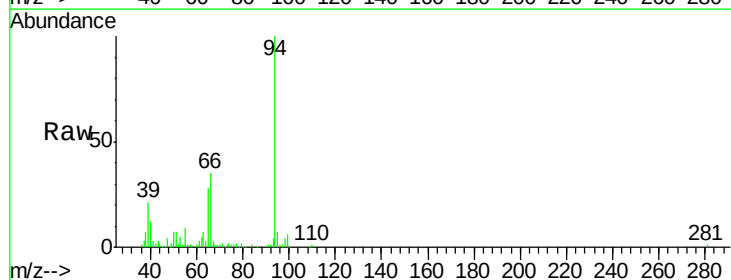
Tgt Ion: 94 Resp: 118153

Ion Ratio Lower Upper

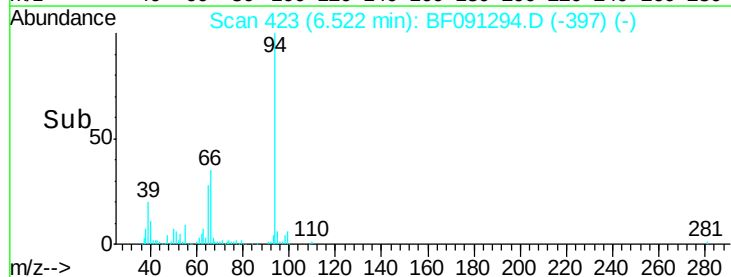
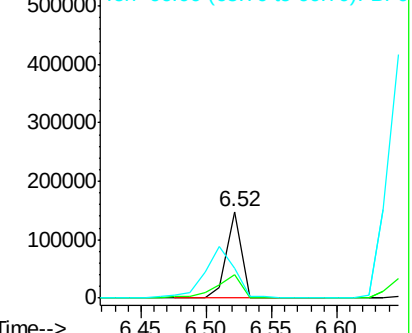
94 100

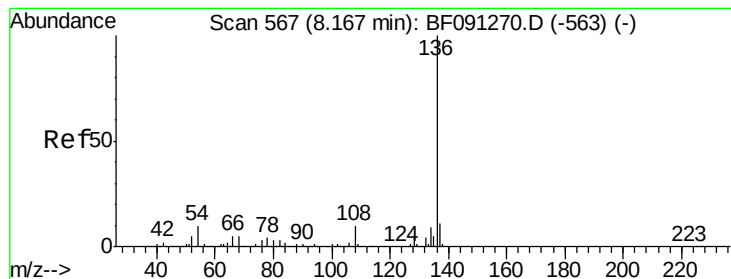
65 27.8 16.9 56.9

66 34.6 30.6 70.6



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

Tgt Ion:136 Resp: 806315

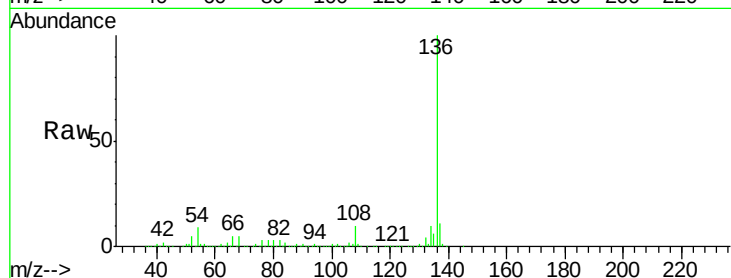
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.0 9.1 13.7#

68 4.6 5.9 8.9#

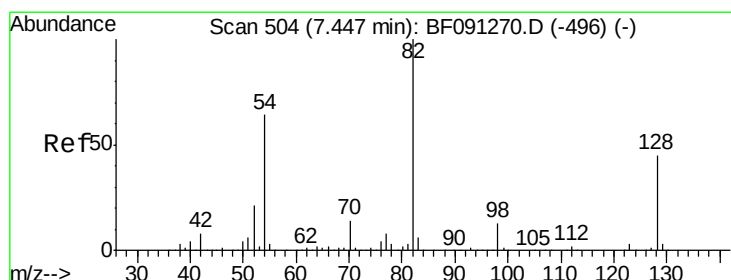
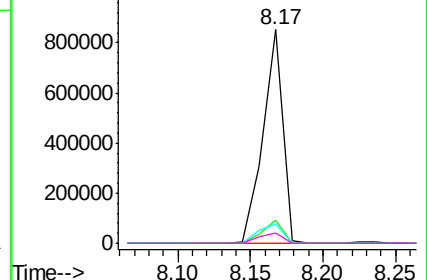
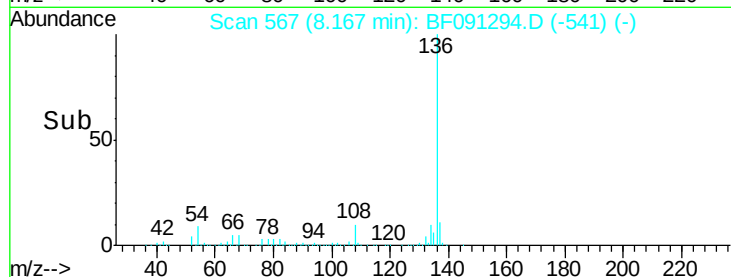


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.68 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

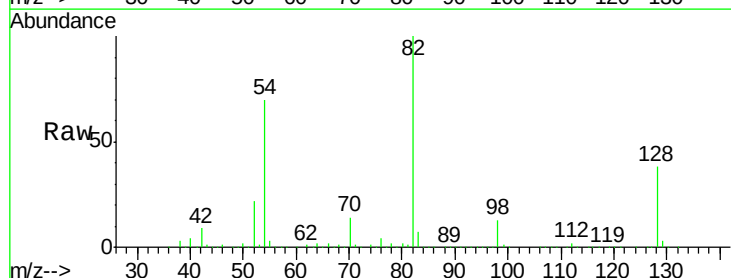
Tgt Ion: 82 Resp: 975928

Ion Ratio Lower Upper

82 100

128 38.2 31.8 47.6

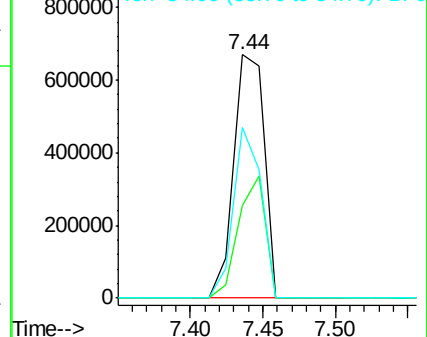
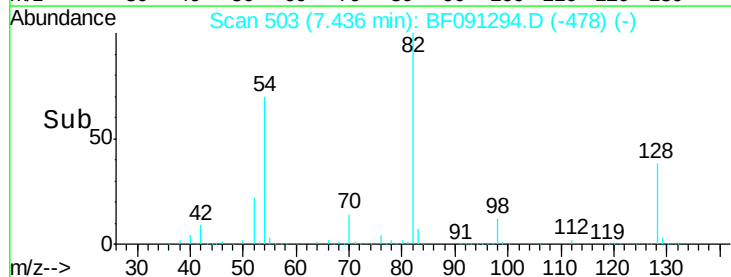
54 69.9 49.1 73.7

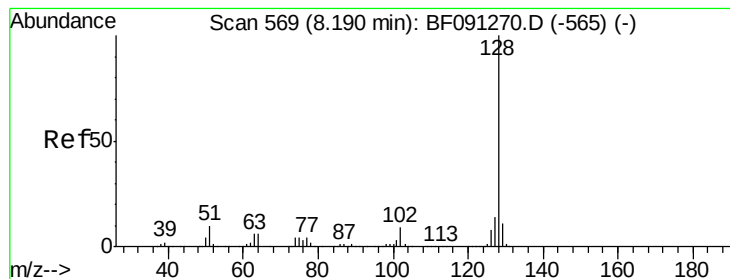


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 4.57 ng

RT: 8.19 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

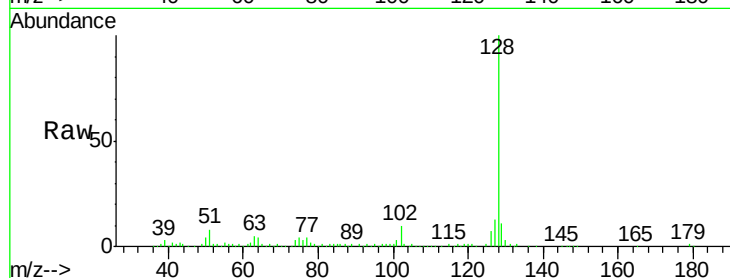
Tgt Ion:128 Resp: 177418

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

127 12.8 11.0 16.4



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

8.19

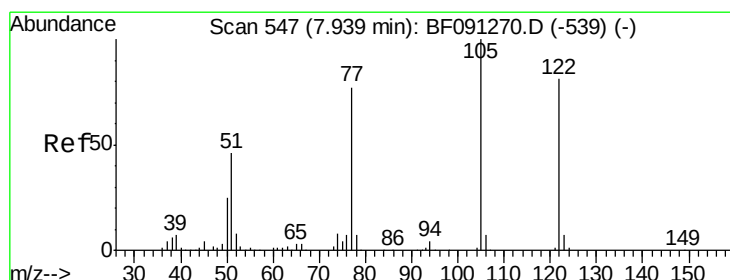
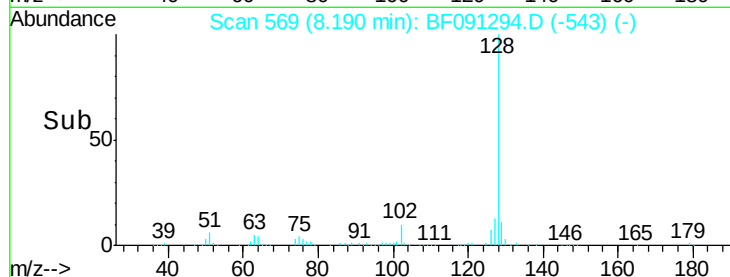
150000

100000

50000

0

Time--> 8.10 8.15 8.20 8.25 8.30



#32

Benzoic acid

Concen: 4.10 ng

RT: 7.87 min Scan# 541

Delta R.T. -0.07 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

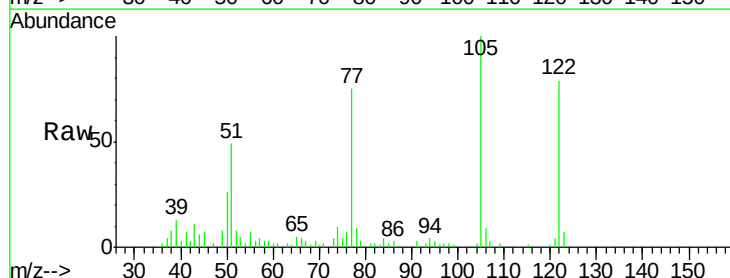
Tgt Ion:122 Resp: 40295

Ion Ratio Lower Upper

122 100

105 127.3 113.0 153.0

77 96.0 82.0 122.0



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

7.87

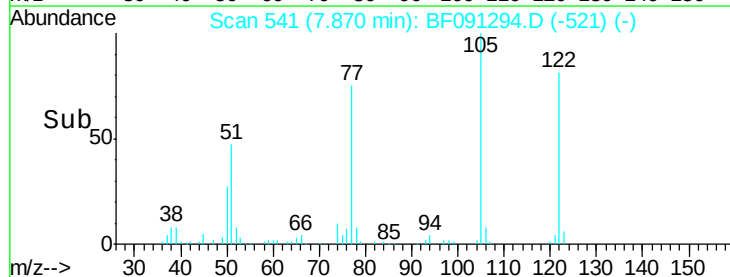
30000

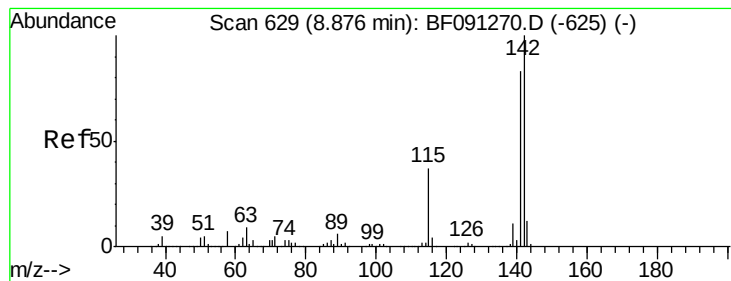
20000

10000

0

Time--> 7.85 7.90





#37

2-Methylnaphthalene

Concen: 3.19 ng

RT: 8.88 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

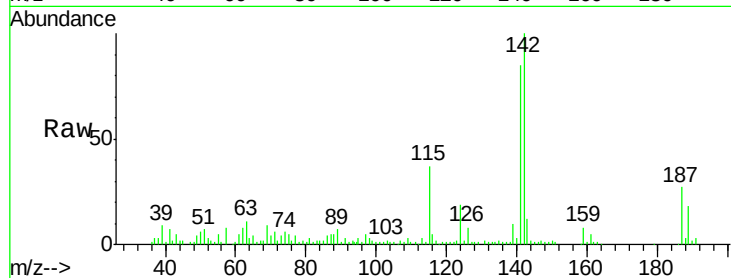
Tgt Ion:142 Resp: 84836

Ion Ratio Lower Upper

142 100

141 84.8 71.7 107.5

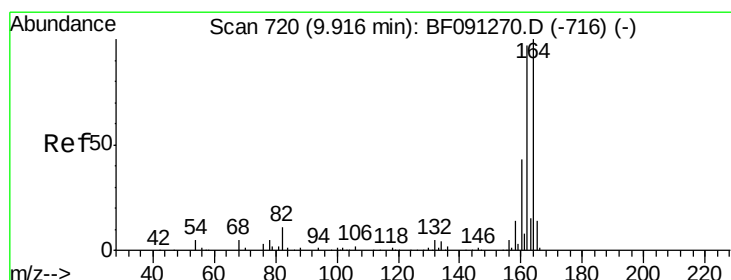
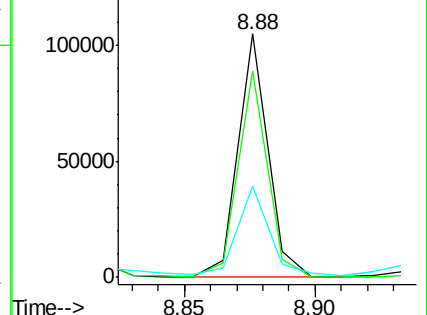
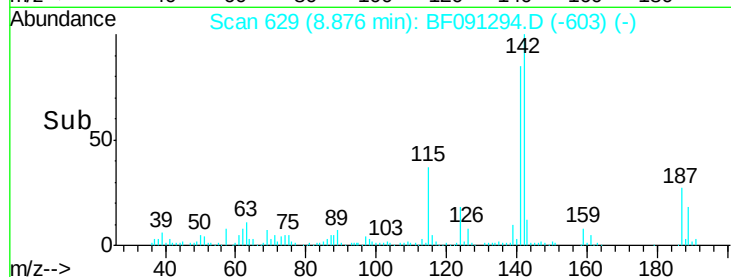
115 37.5 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

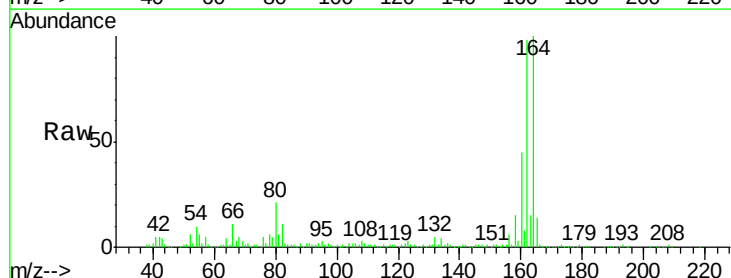
Tgt Ion:164 Resp: 362733

Ion Ratio Lower Upper

164 100

162 97.8 82.6 124.0

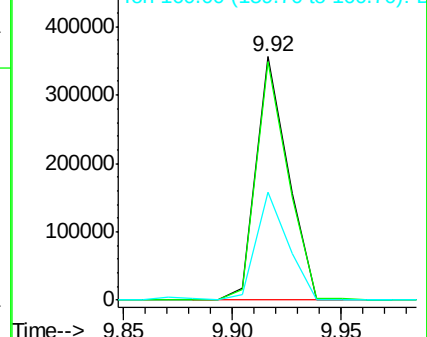
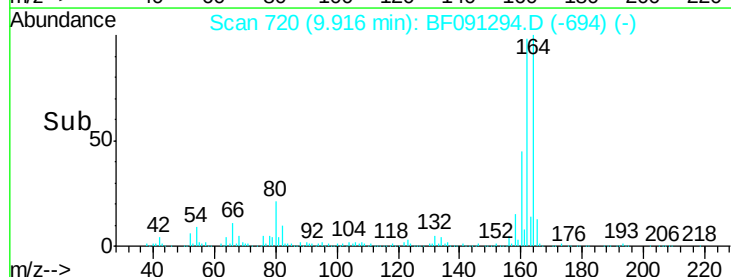
160 44.6 36.7 55.1

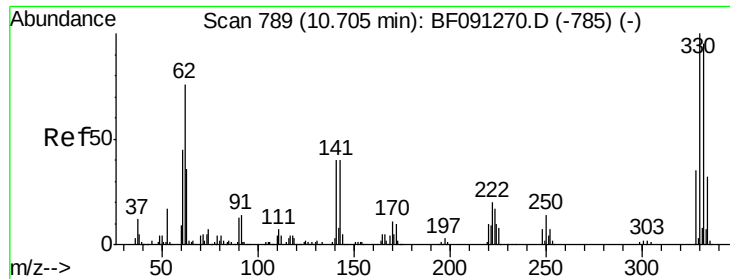


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

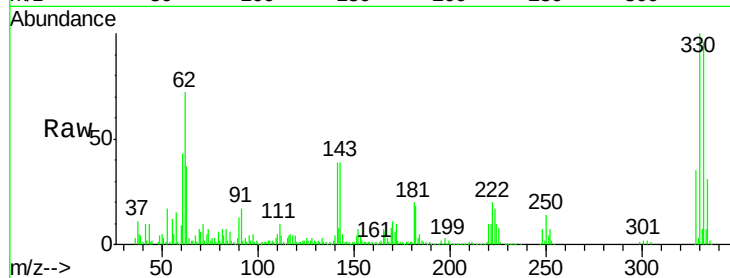




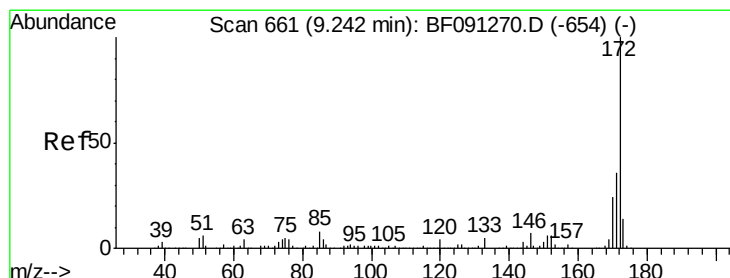
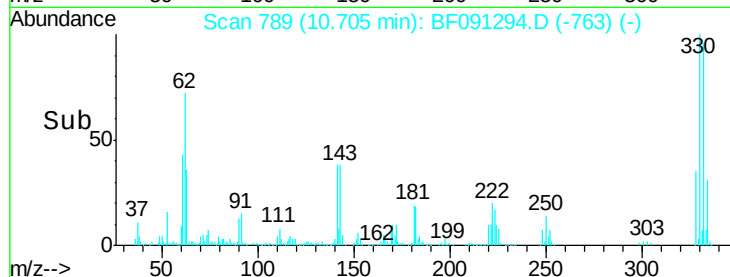
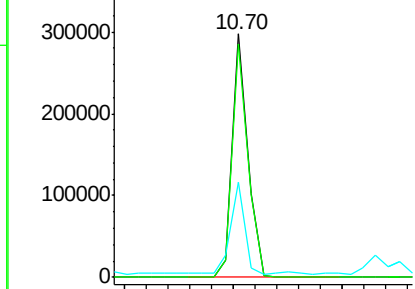
#41
 2,4,6-Tribromophenol
 Concen: 79.47 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091294.D
 Acq: 24 Nov 2016 00:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)

Tgt Ion:330 Resp: 290701
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 33.7 33.6 50.4

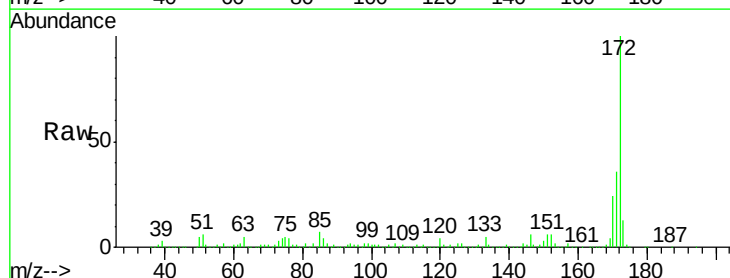


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

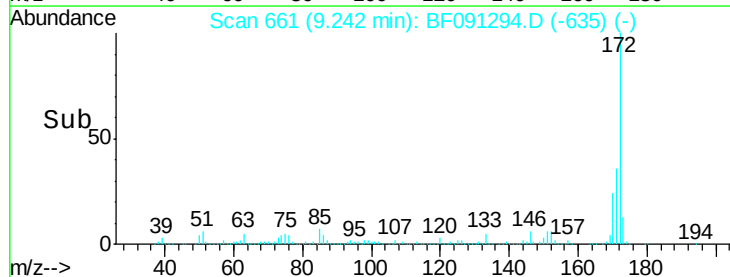
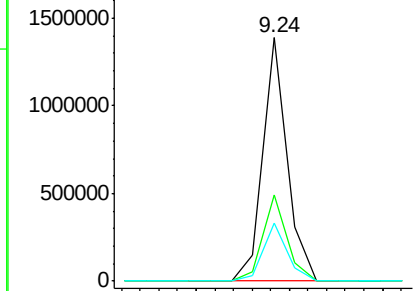


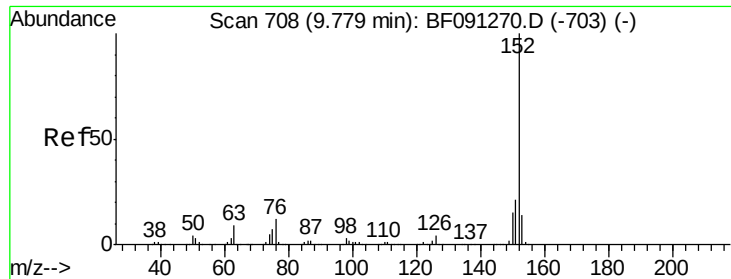
#44
 2-Fluorobiphenyl
 Concen: 57.26 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091294.D
 Acq: 24 Nov 2016 00:10

Tgt Ion:172 Resp: 1268482
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.7 19.7 29.5



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: 40.57 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

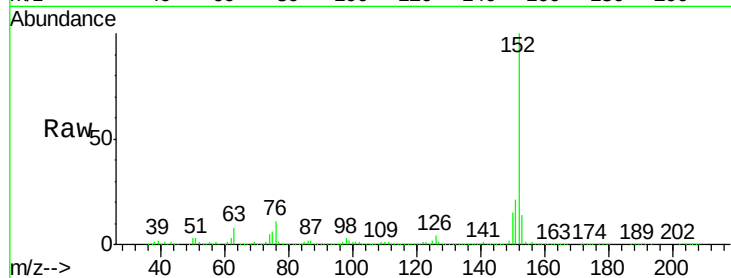
Tgt Ion:152 Resp: 1245394

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

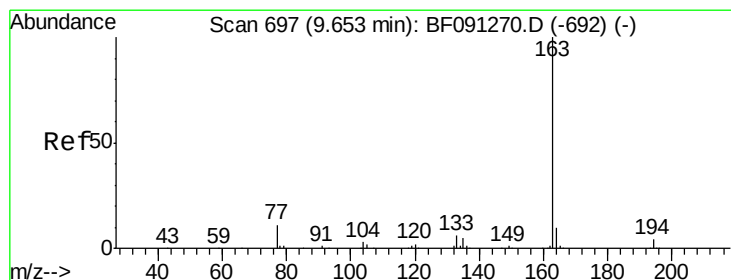
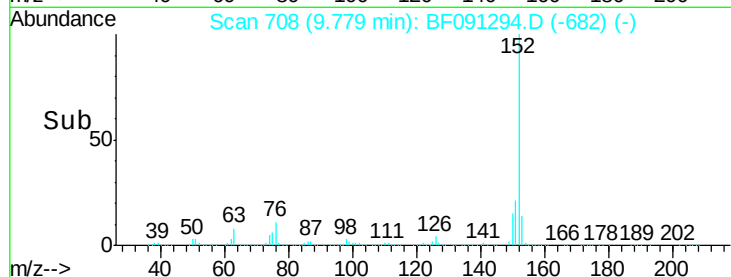
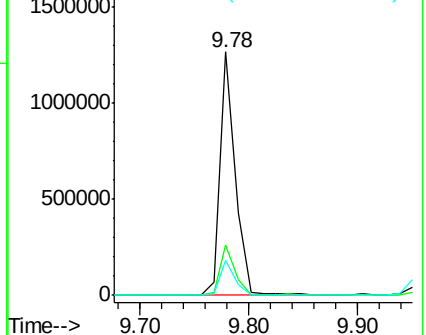
153 14.3 10.7 16.1



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: 6.24 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

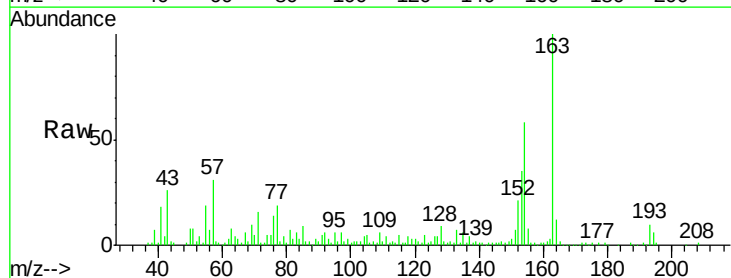
Tgt Ion:163 Resp: 141260

Ion Ratio Lower Upper

163 100

194 5.7 3.0 4.4#

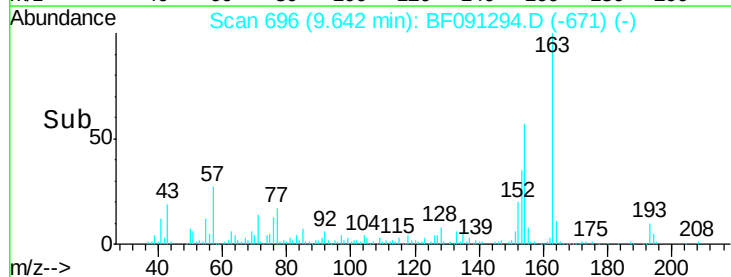
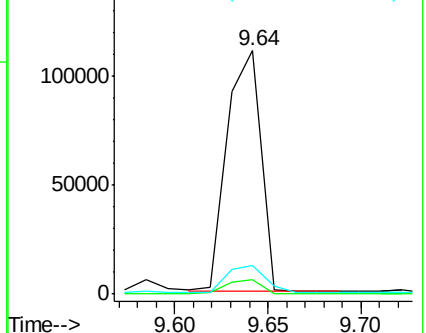
164 11.6 7.8 11.8

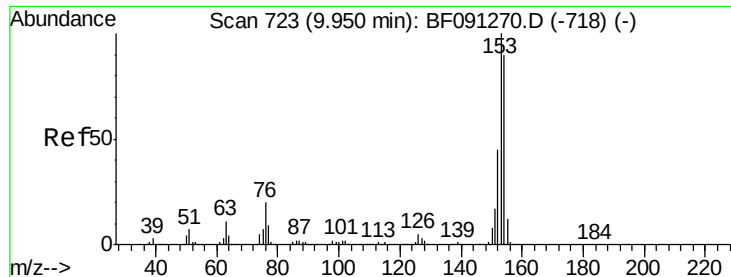


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.02 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

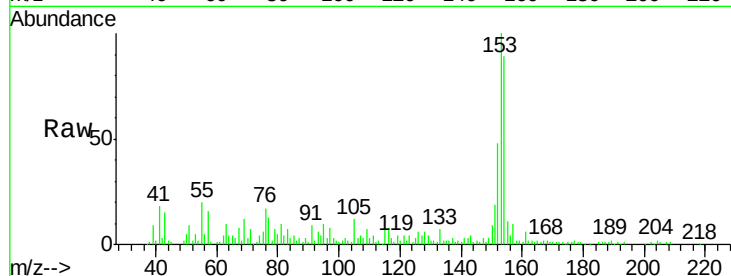
Tgt Ion:154 Resp: 63033

Ion Ratio Lower Upper

154 100

153 112.2 91.0 136.6

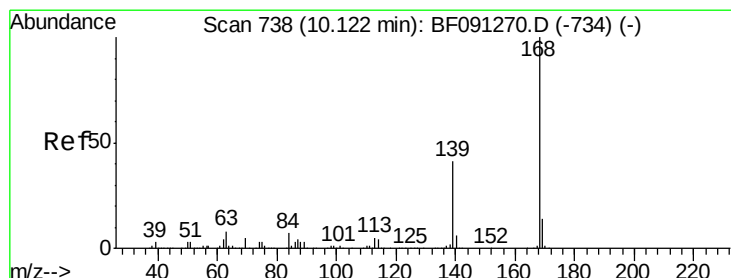
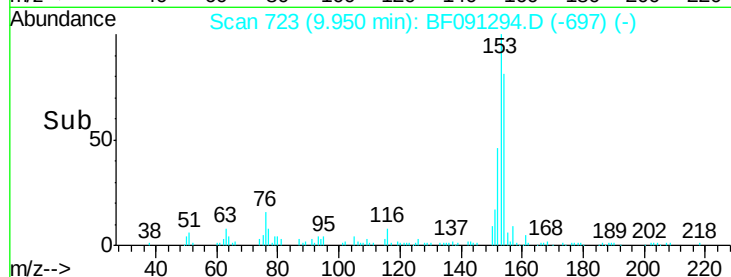
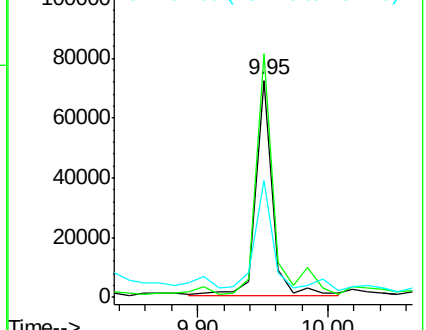
152 54.0 44.2 66.2



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: 4.17 ng

RT: 10.12 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

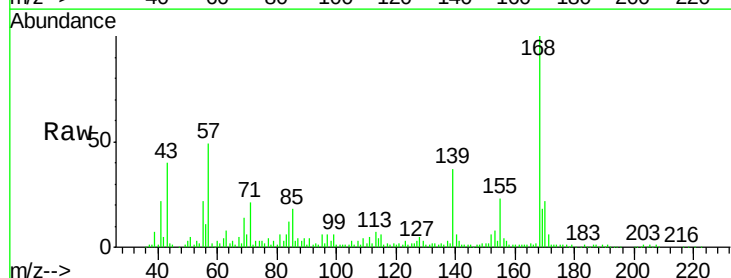
Tgt Ion:168 Resp: 122631

Ion Ratio Lower Upper

168 100

139 36.8 33.4 50.2

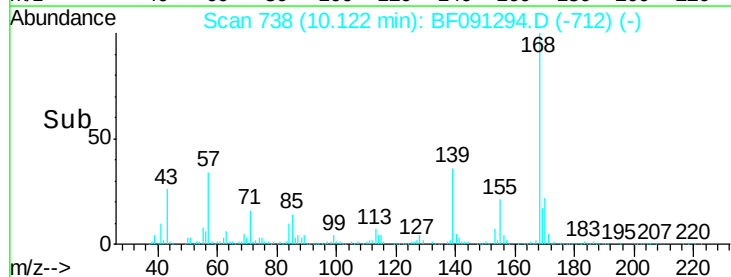
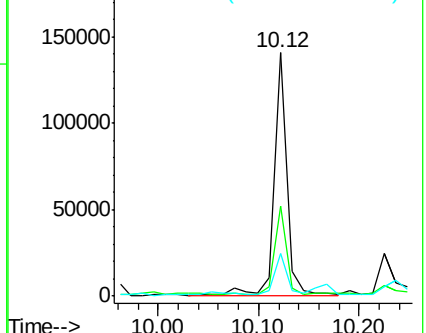
169 17.7 11.1 16.7#

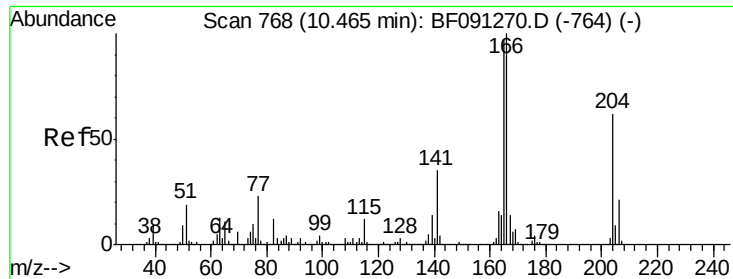


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

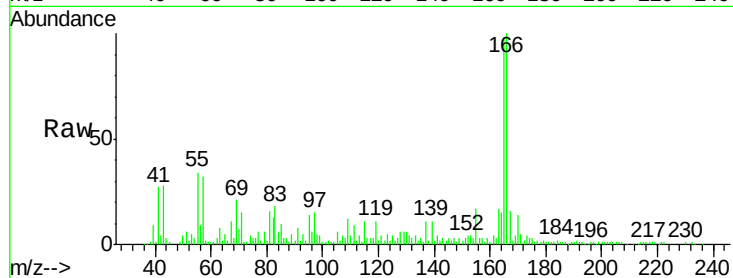




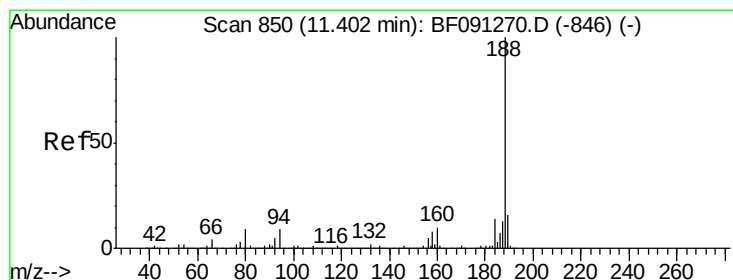
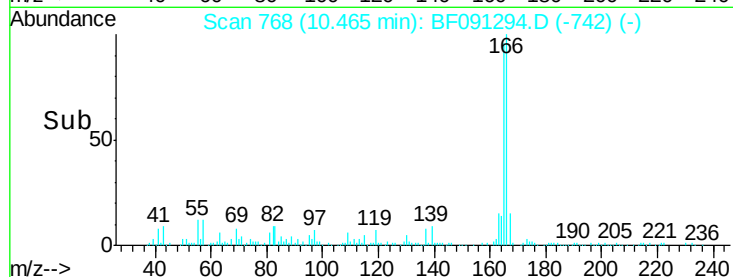
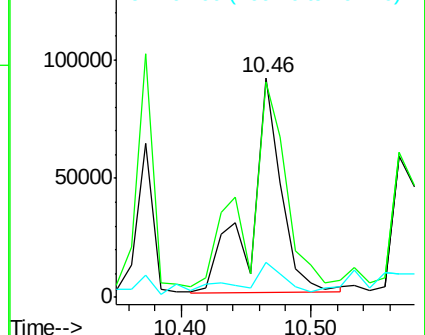
#57
Fluorene
 Concen: 6.62 ng
 RT: 10.46 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF091294.D
 Acq: 24 Nov 2016 00:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)

Tgt Ion:166 Resp: 148968
 Ion Ratio Lower Upper
 166 100
 165 97.8 80.0 120.0
 167 15.8 10.8 16.2

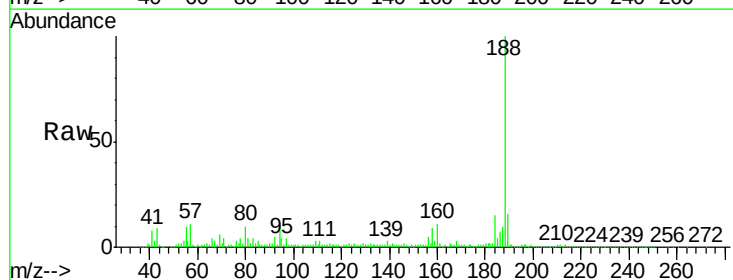


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

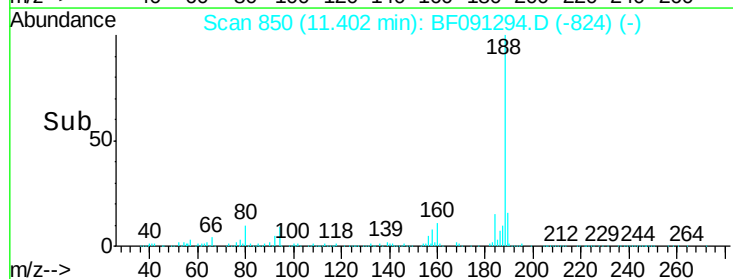
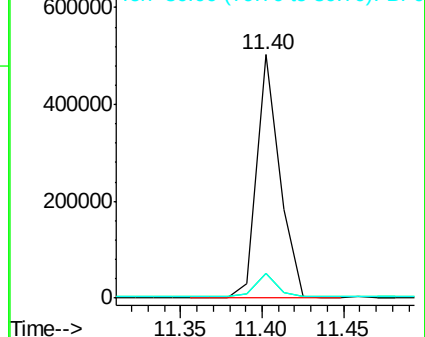


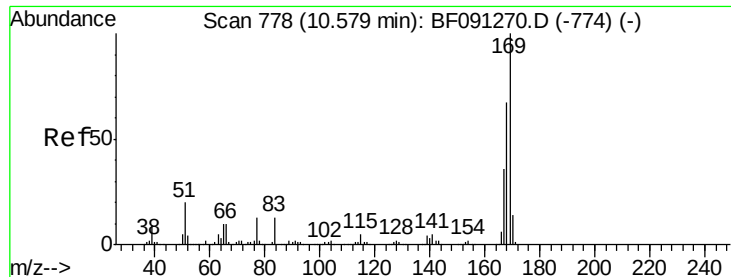
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091294.D
 Acq: 24 Nov 2016 00:10

Tgt Ion:188 Resp: 489626
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.2 13.8
 80 10.4 10.5 15.7#



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





#65

n-Nitrosodiphenylamine

Concen: 2.05 ng

RT: 10.58 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

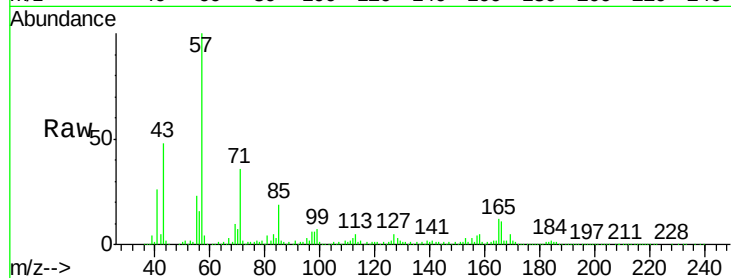
Tgt Ion:169 Resp: 30504

Ion Ratio Lower Upper

169 100

168 45.6 53.8 80.8#

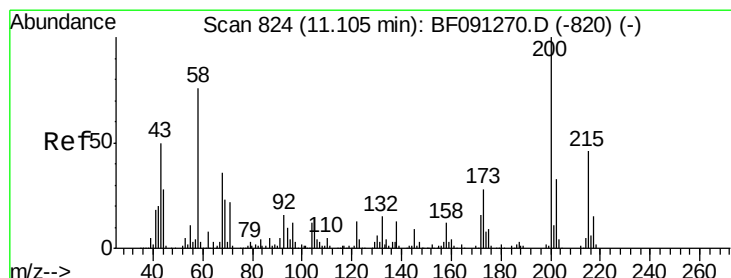
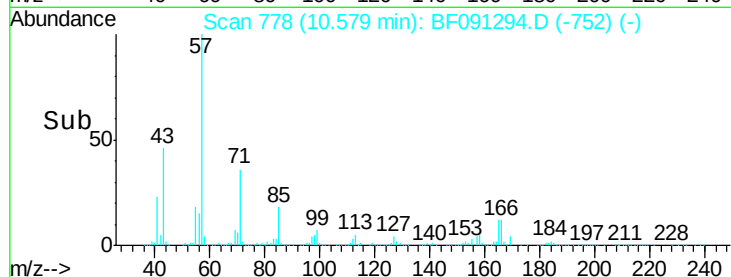
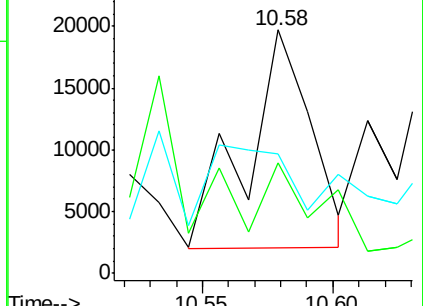
167 48.9 29.8 44.8#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 3.80 ng

RT: 11.10 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

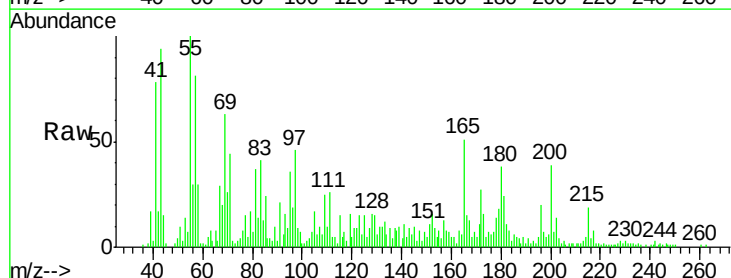
Tgt Ion:200 Resp: 17770

Ion Ratio Lower Upper

200 100

173 42.1 7.8 47.8

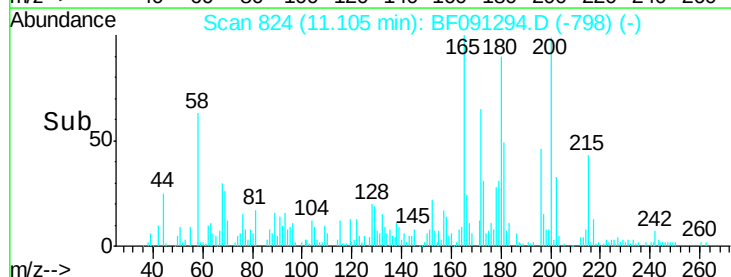
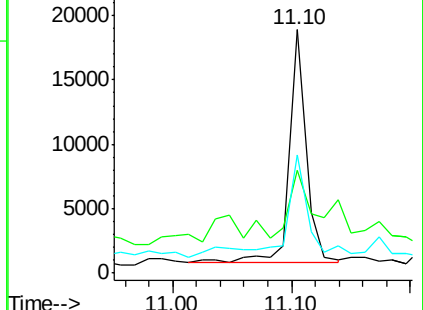
215 48.7 24.3 64.3

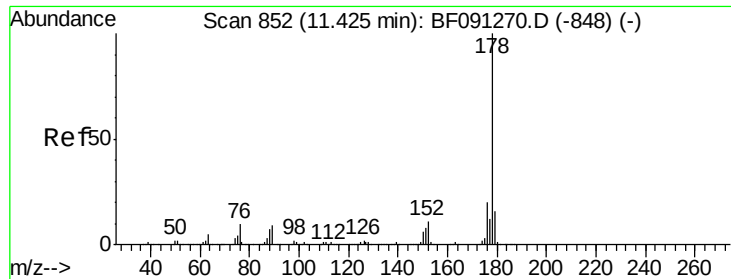


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

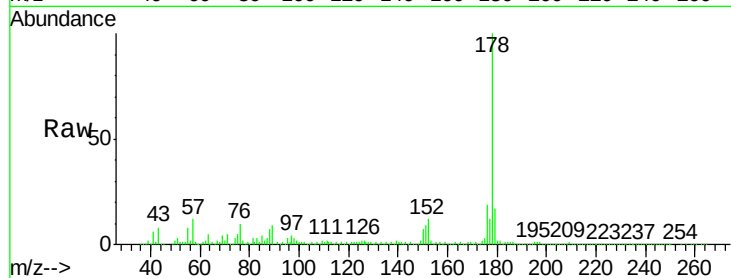




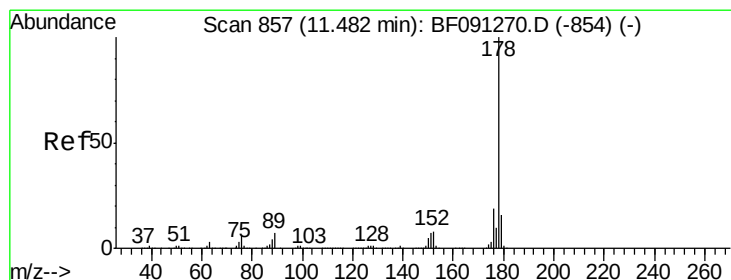
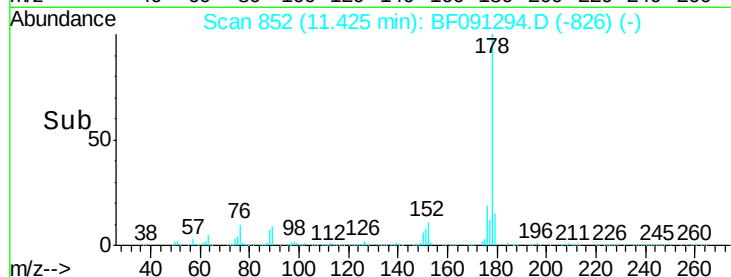
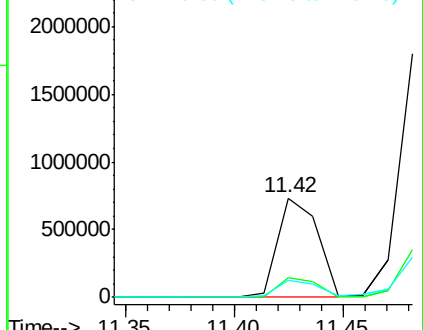
#70
Phenanthrene
Concen: 36.83 ng
RT: 11.42 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF091294.D
Acq: 24 Nov 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)

Tgt Ion:178 Resp: 935464
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 16.6 12.6 18.8

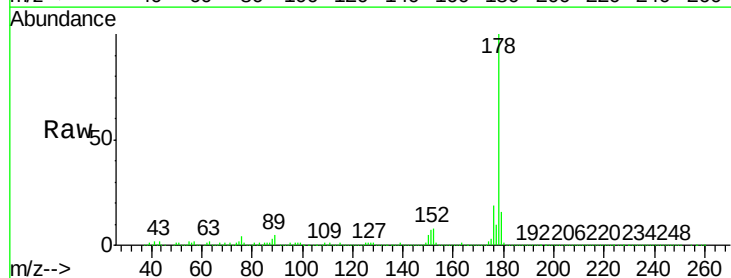


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

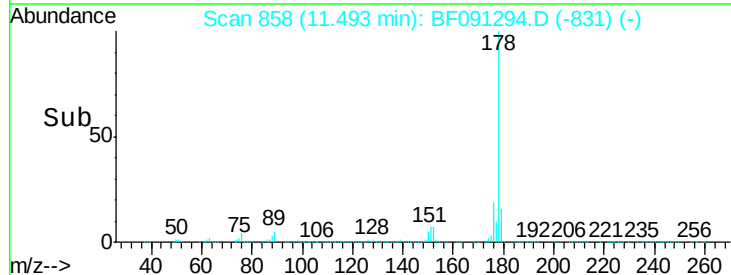
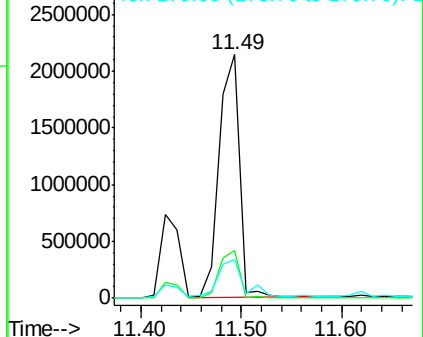


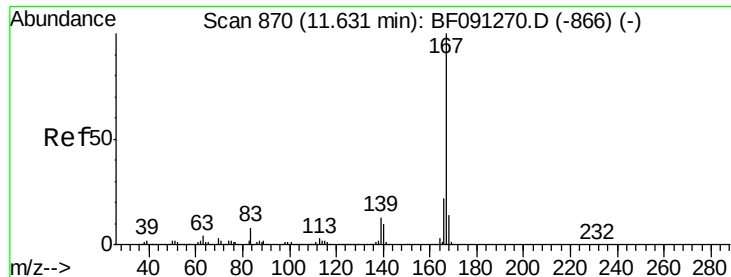
#71
Anthracene
Concen: 115.25 ng
RT: 11.49 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF091294.D
Acq: 24 Nov 2016 00:10

Tgt Ion:178 Resp: 2993144
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 16.1 12.7 19.1



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: 16.33 ng

RT: 11.63 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

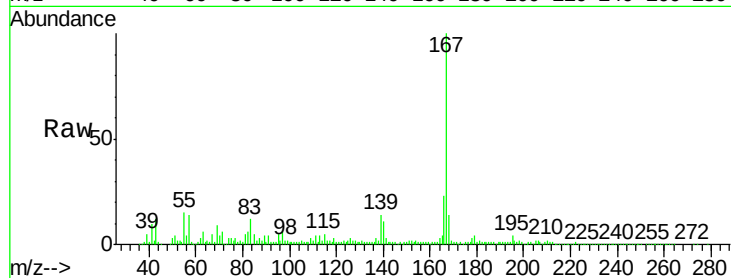
Tgt Ion:167 Resp: 377510

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

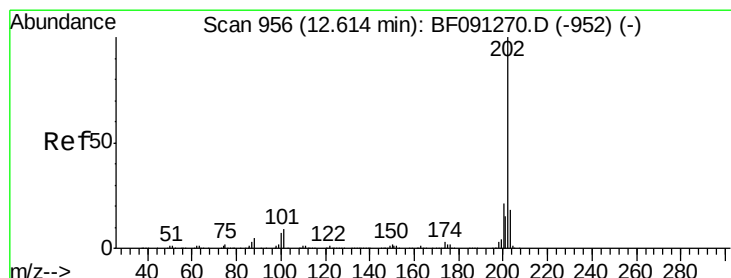
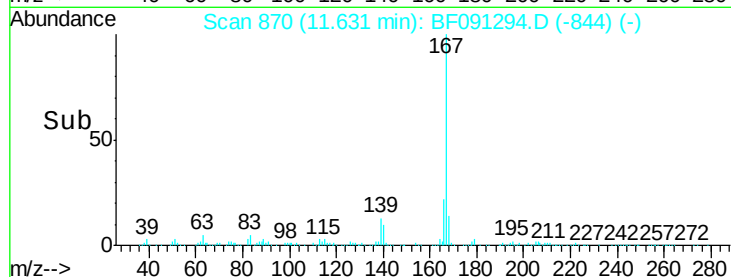
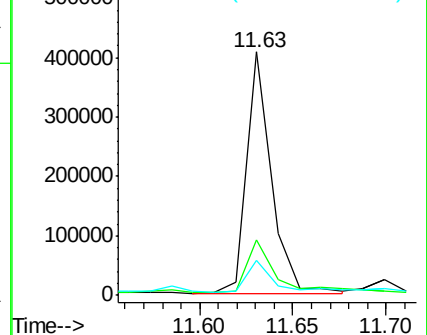
139 14.2 11.5 17.3



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: 207.59 ng

RT: 12.64 min Scan# 958

Delta R.T. 0.02 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

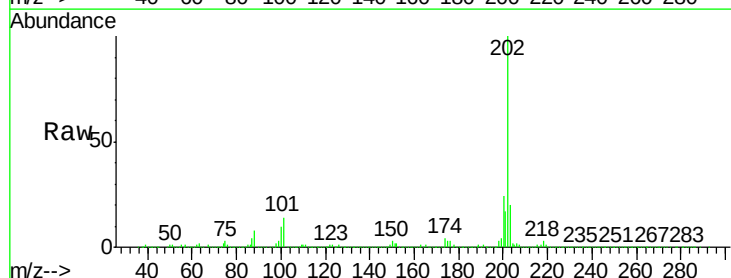
Tgt Ion:202 Resp: 5363432

Ion Ratio Lower Upper

202 100

101 13.9 0.0 29.5

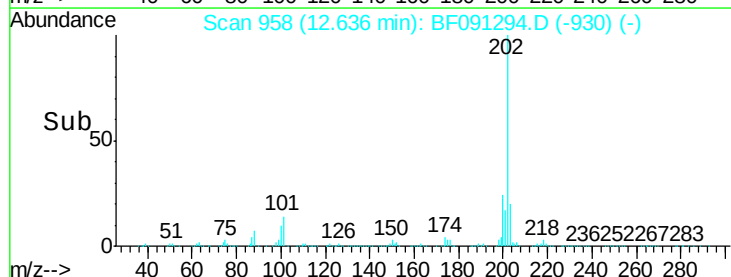
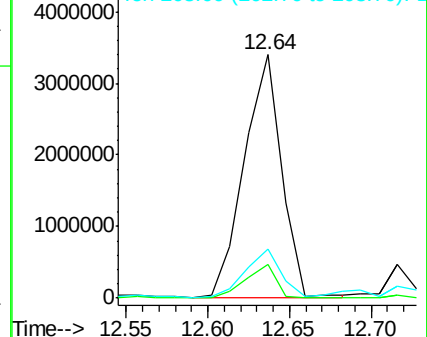
203 19.9 0.0 37.8

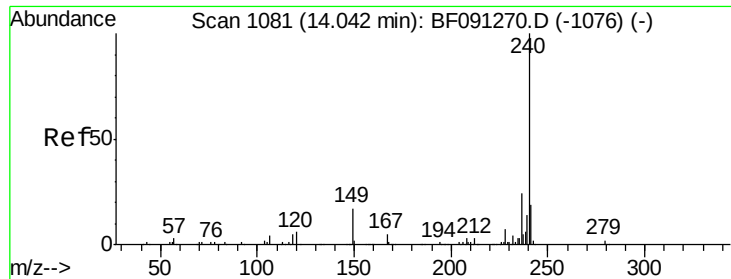


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1084

Delta R.T. 0.03 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

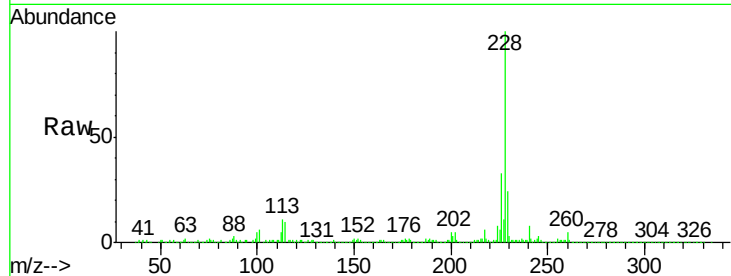
Tgt Ion:240 Resp: 342188

Ion Ratio Lower Upper

240 100

120 14.2 12.1 18.1

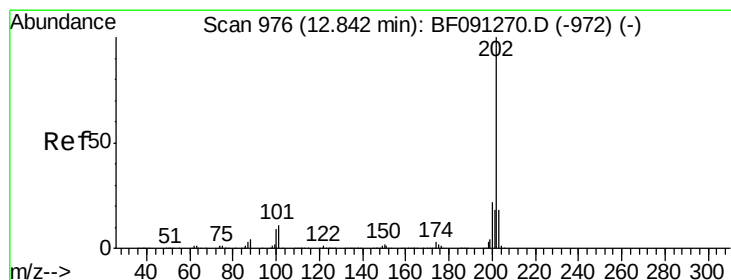
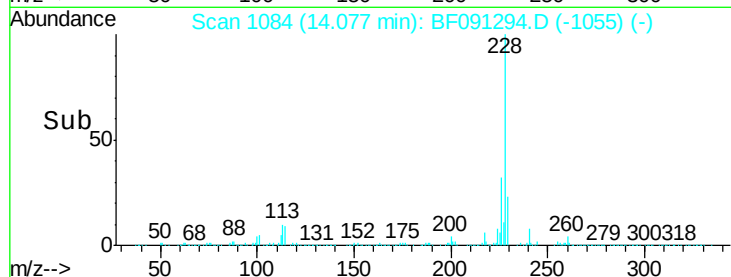
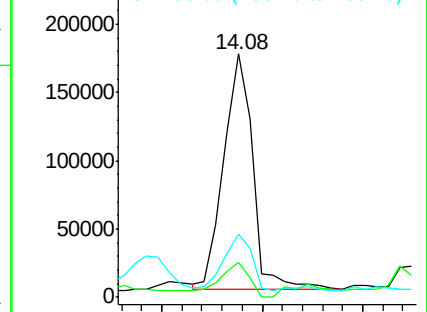
236 26.1 21.0 31.6



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: 251.40 ng

RT: 12.88 min Scan# 979

Delta R.T. 0.03 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

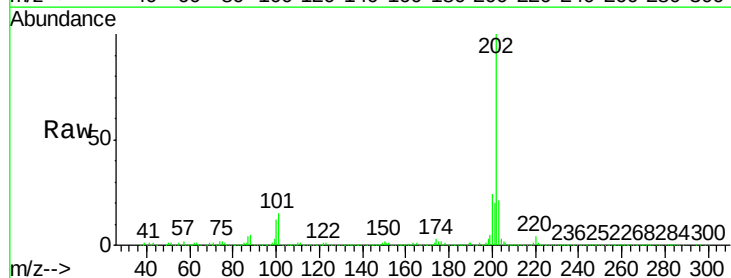
Tgt Ion:202 Resp: 6356273

Ion Ratio Lower Upper

202 100

200 23.9 17.6 26.4

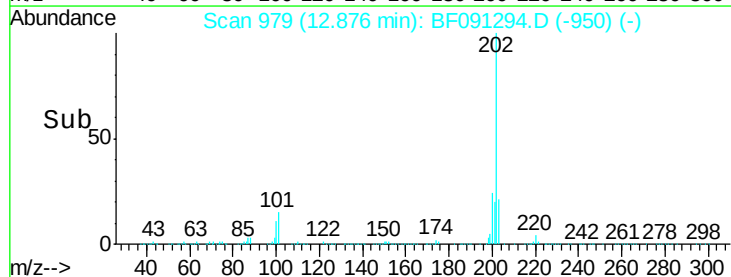
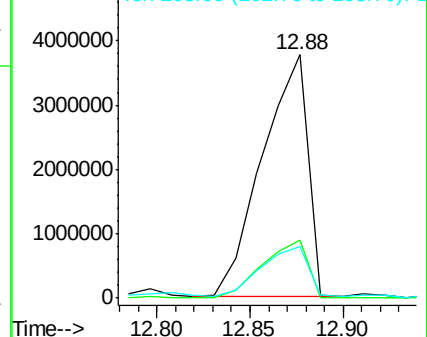
203 20.9 14.0 21.0

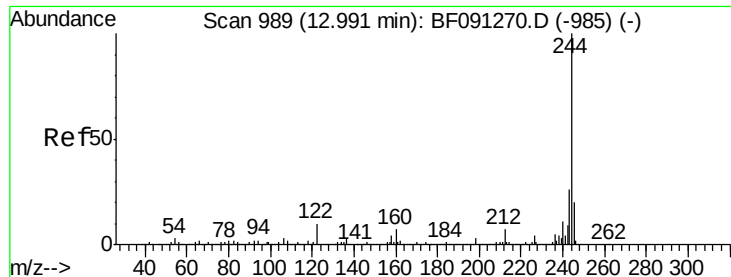


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.51 ng

RT: 13.00 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

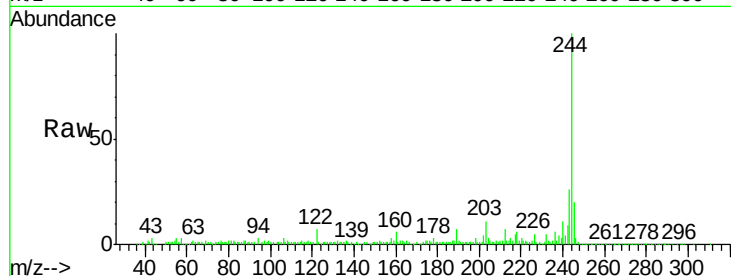
Tgt Ion:244 Resp: 906634

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

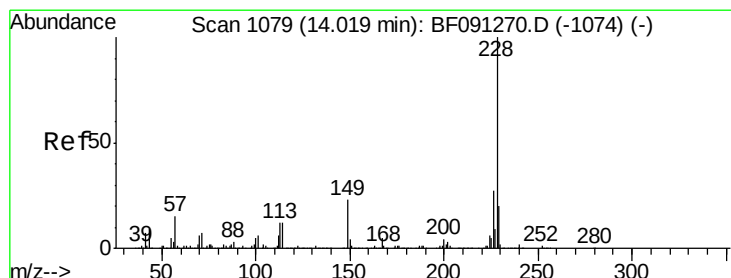
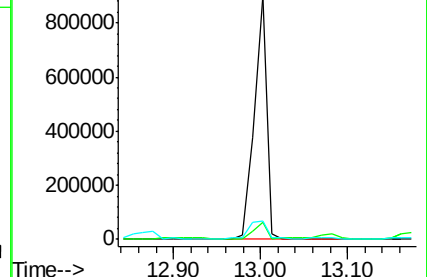
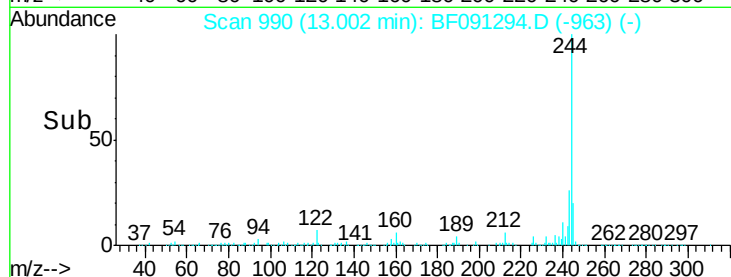
122 7.4 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 357.43 ng

RT: 14.07 min Scan# 1083

Delta R.T. 0.05 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

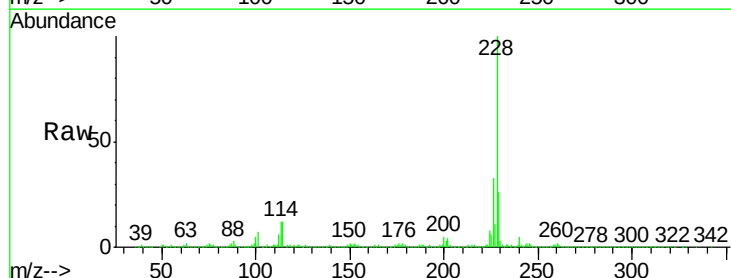
Tgt Ion:228 Resp: 6941518

Ion Ratio Lower Upper

228 100

226 33.0 22.5 33.7

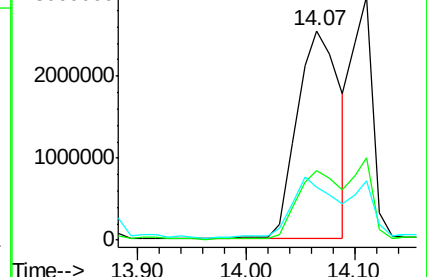
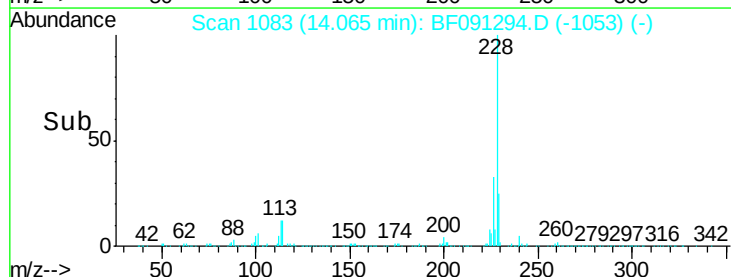
229 25.5 16.4 24.6#

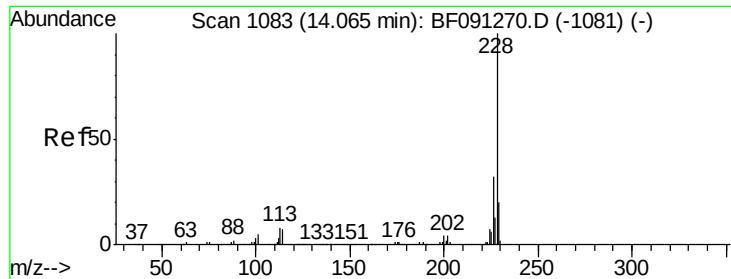


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 378.20 ng

RT: 14.07 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

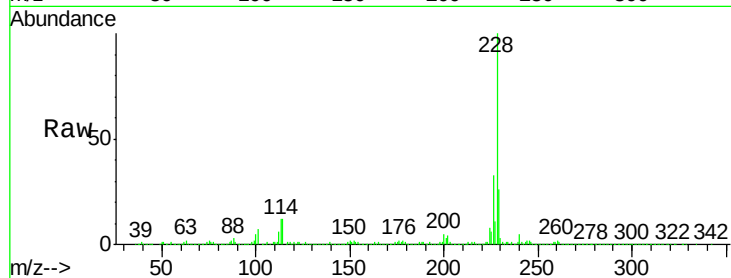
Tgt Ion:228 Resp: 6941518

Ion Ratio Lower Upper

228 100

226 33.0 25.0 37.4

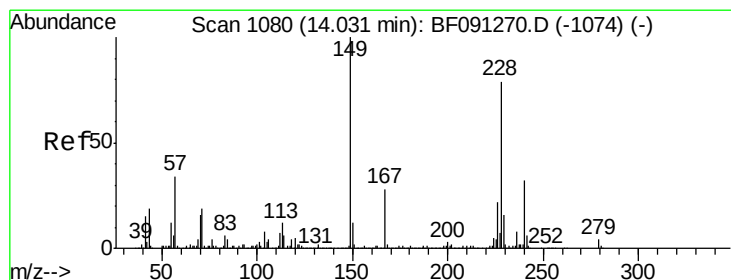
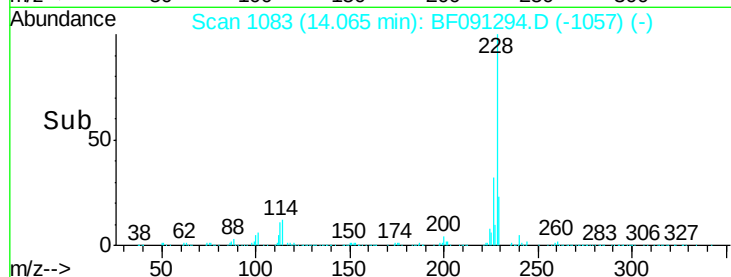
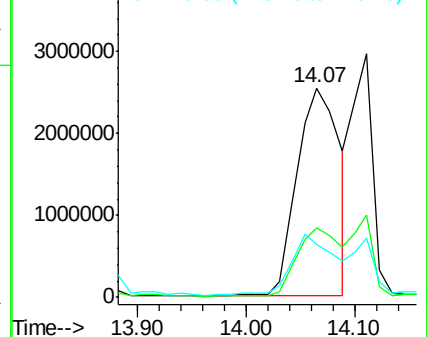
229 25.5 16.0 24.0#



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: 5.35 ng

RT: 14.04 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

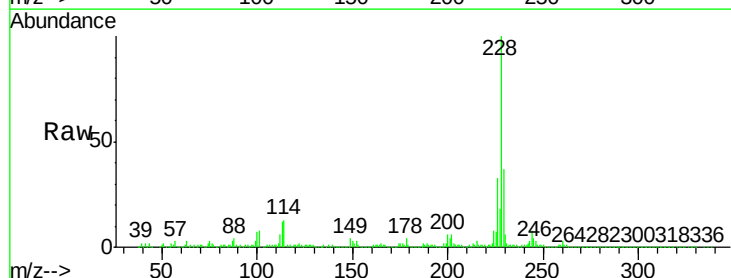
Tgt Ion:149 Resp: 67434

Ion Ratio Lower Upper

149 100

167 31.4 19.6 29.4#

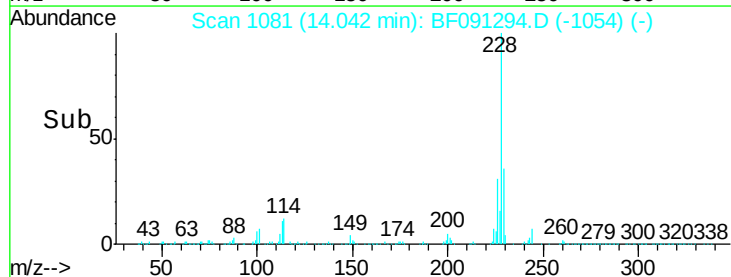
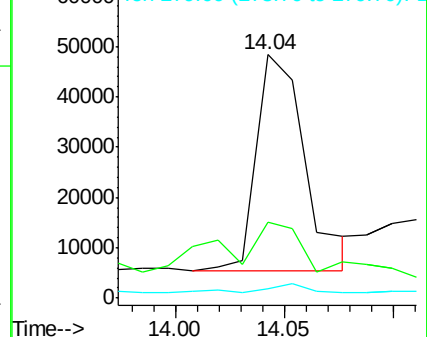
279 3.9 1.9 2.9#

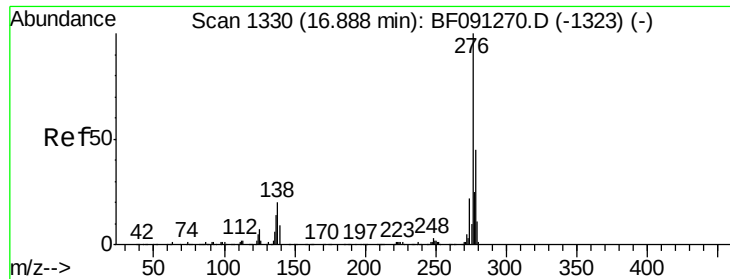


Abundance Ion 149.00 (148.70 to 149.70): E

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: 202.69 ng

RT: 17.01 min Scan# 1341

Delta R.T. 0.13 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

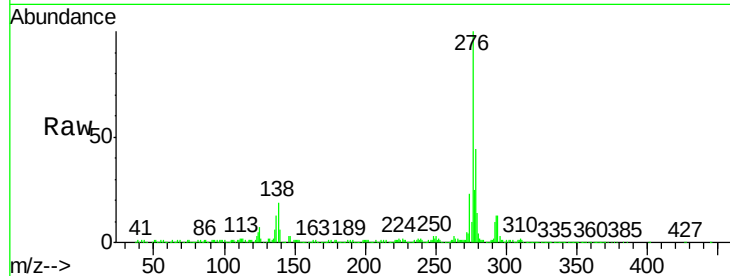
Tgt Ion:276 Resp: 3203857

Ion Ratio Lower Upper

276 100

138 18.4 21.0 31.4#

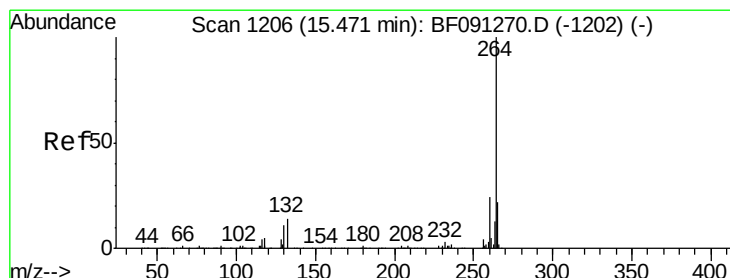
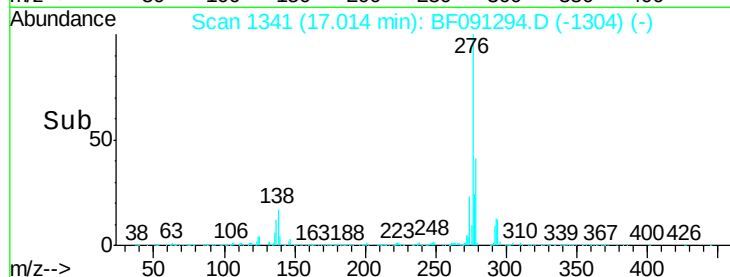
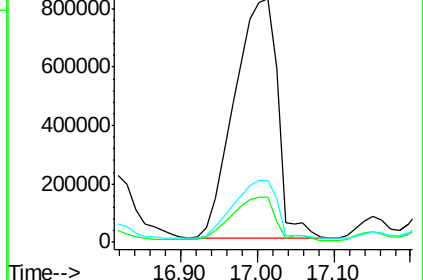
277 24.8 20.2 30.2



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: 15.54 min Scan# 1212

Delta R.T. 0.07 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

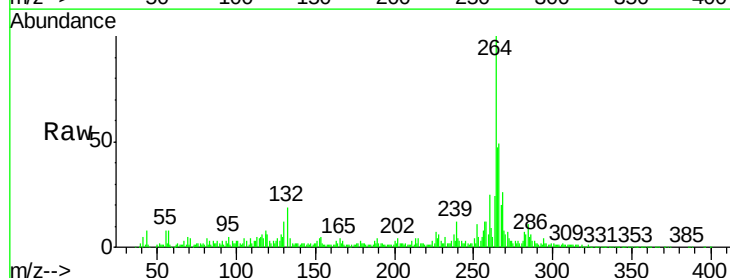
Tgt Ion:264 Resp: 384458

Ion Ratio Lower Upper

264 100

260 25.4 18.8 28.2

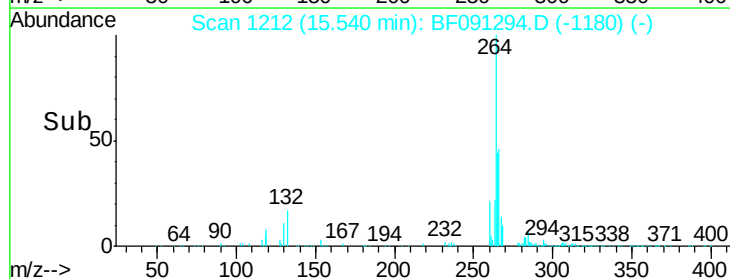
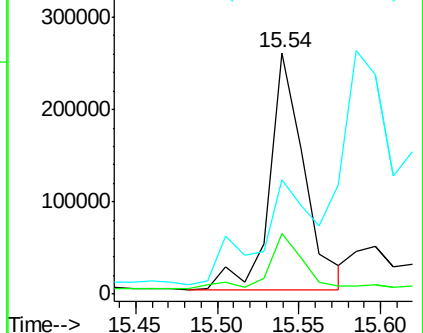
265 47.5 17.0 25.6#

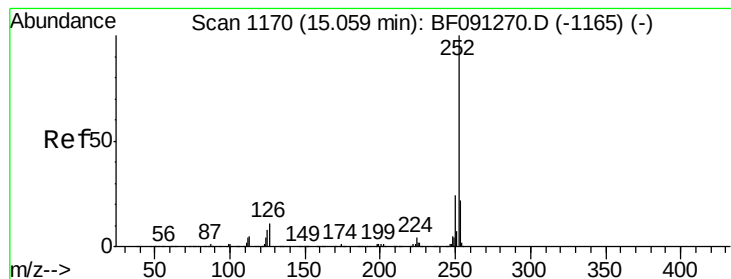


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 462.02 ng

RT: 15.14 min Scan# 1177

Delta R.T. 0.08 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

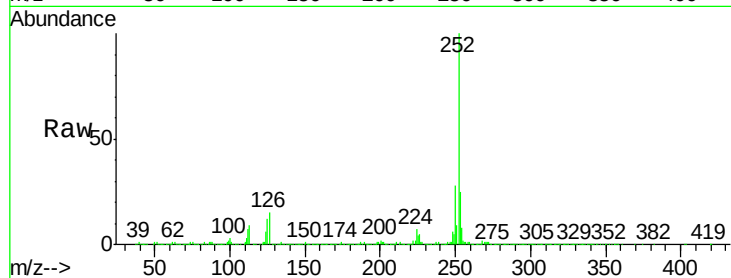
Tgt Ion:252 Resp:11205320

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.2

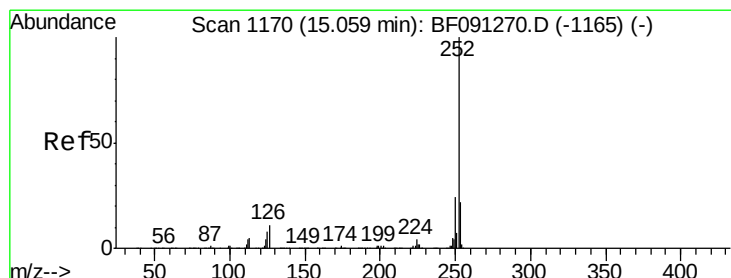
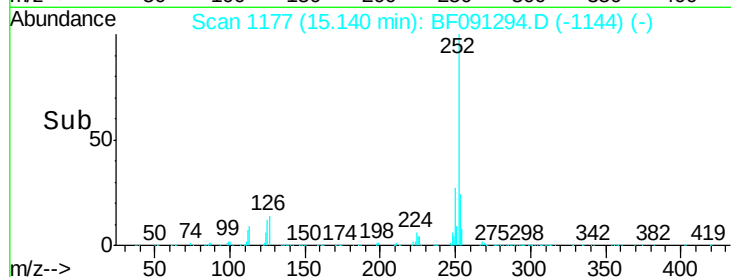
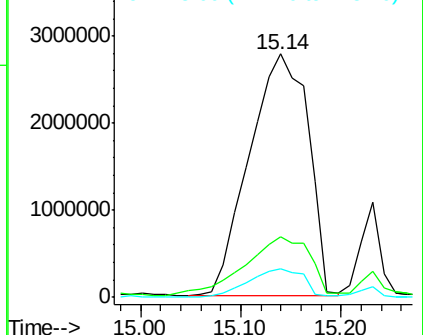
125 11.9 8.6 13.0



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



#88

Benzo(k)fluoranthene

Concen: 565.67 ng

RT: 15.14 min Scan# 1177

Delta R.T. 0.06 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

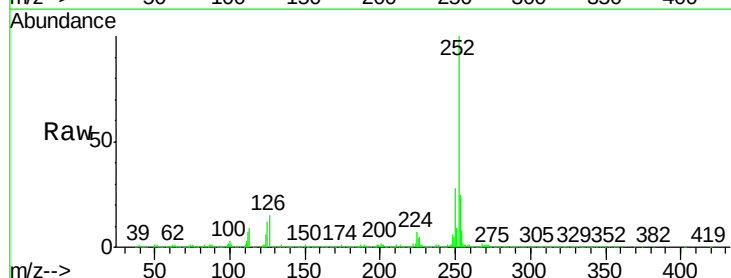
Tgt Ion:252 Resp:11205320

Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.8

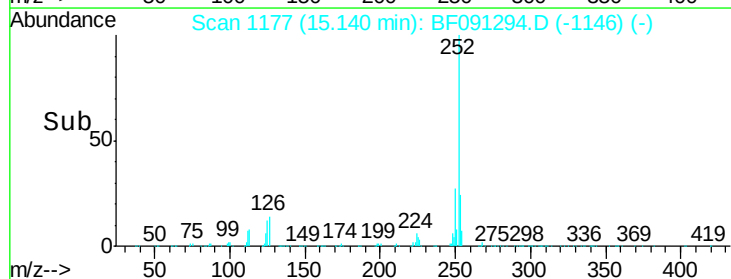
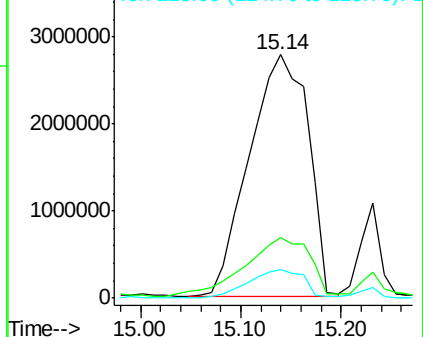
125 11.9 9.6 14.4

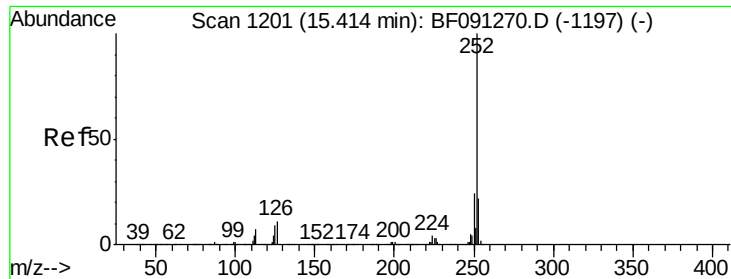


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

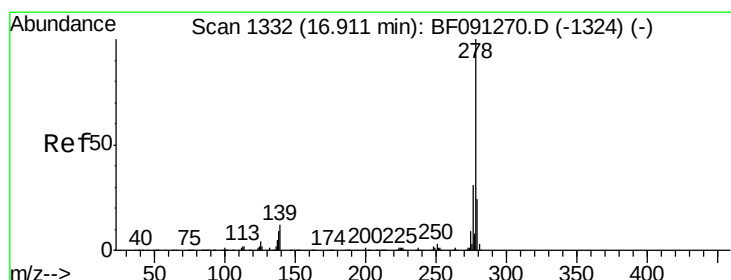
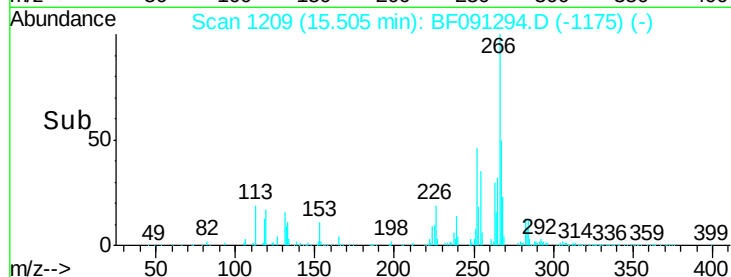
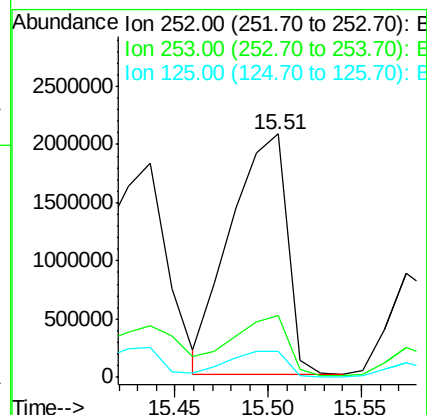
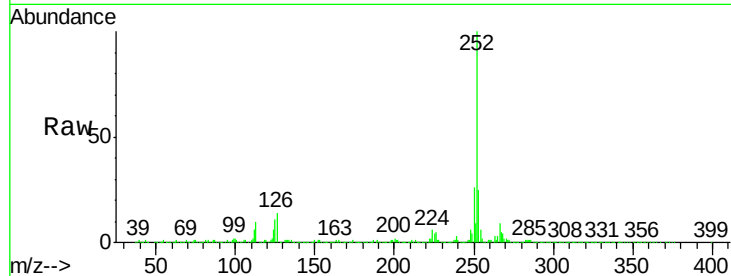




#89
Benzo(a)pyrene
Concen: 210.32 ng
RT: 15.51 min Scan# 1209
Delta R.T. 0.09 min
Lab File: BF091294.D
Acq: 24 Nov 2016 00:10

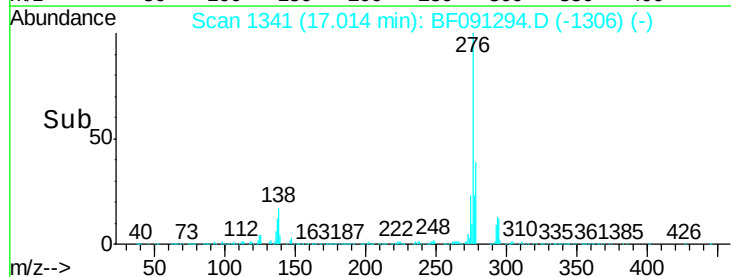
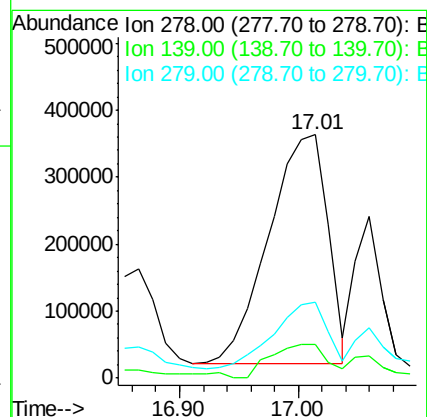
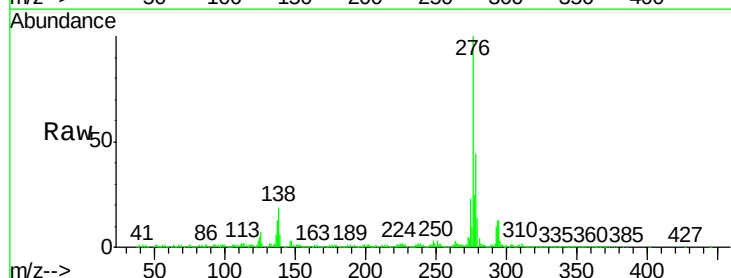
Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)

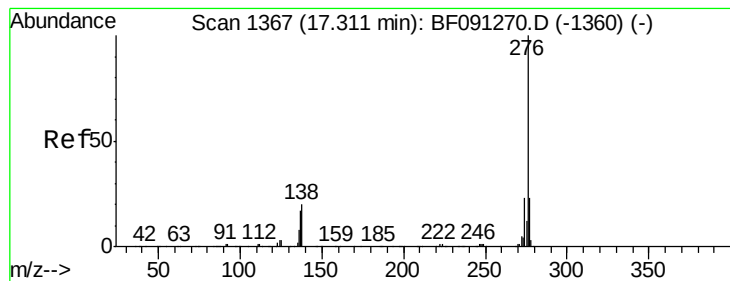
Tgt Ion:252 Resp: 4339515
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.4
125 10.8 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 61.45 ng
RT: 17.01 min Scan# 1341
Delta R.T. 0.10 min
Lab File: BF091294.D
Acq: 24 Nov 2016 00:10

Tgt Ion:278 Resp: 1170613
Ion Ratio Lower Upper
278 100
139 13.8 15.1 22.7#
279 31.2 19.0 28.6#





#91

Benzo(g,h,i)perylene

Concen: 140.38 ng

RT: 17.45 min Scan# 1379

Delta R.T. 0.14 min

Lab File: BF091294.D

Acq: 24 Nov 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)

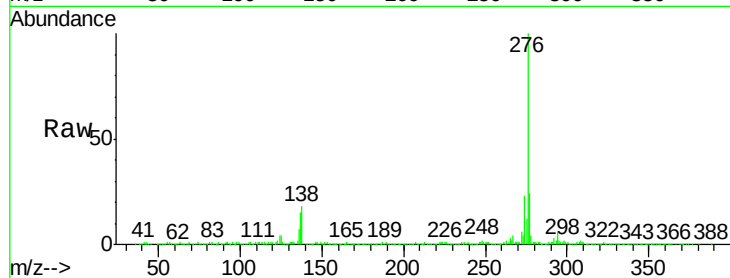
Tgt Ion:276 Resp: 2652457

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 18.5 15.4 23.0



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

