

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091031.D
 Acq On : 4 Nov 2016 20:12
 Operator : UM/SJ
 Sample : H5526-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-106-0.5-5.0

Quant Time: Nov 04 23:25:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	233576	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	956295	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	483323	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	701035	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	501012	20.00	ng	0.00
86) Perylene-d12	15.25	264	478024	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	993860	70.27	ng	0.01
7) Phenol-d6	6.36	99	2427807	126.47	ng	0.01
23) Nitrobenzene-d5	7.28	82	1727766	98.56	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	98297	22.50	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2083892	74.23	ng	0.00
78) Terphenyl-d14	12.81	244	1754680	87.40	ng	0.00

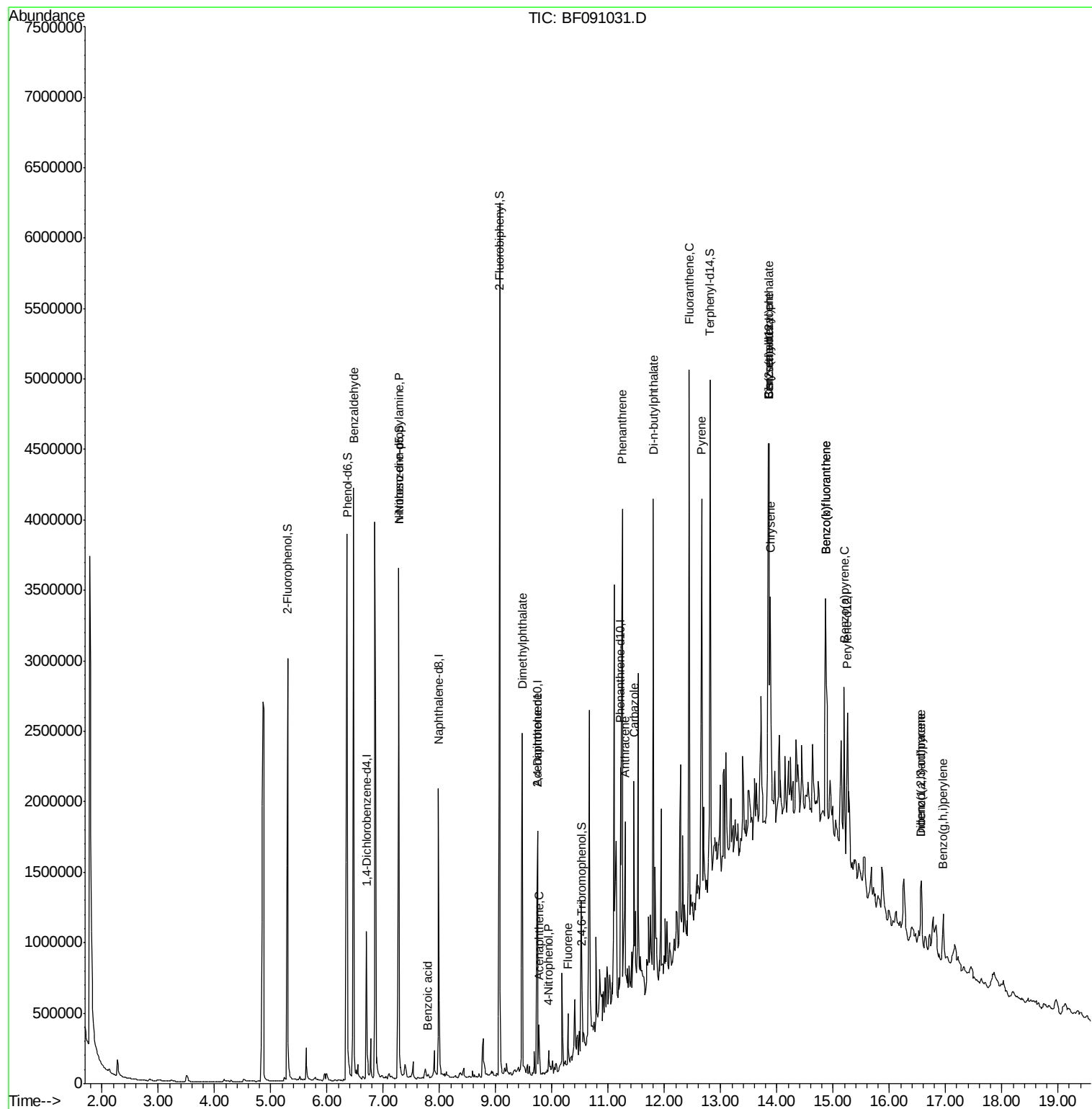
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	37882	3.56	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	245984	18.49	ng	# 76
32) Benzoic acid	7.79	122	893	5.15	ng	# 39
49) Dimethylphthalate	9.47	163	975818	30.79	ng	99
51) Acenaphthene	9.77	154	82762	3.16	ng	99
55) 4-Nitrophenol	9.94	139	30431	11.00	ng	# 6
56) 2,4-Dinitrotoluene	9.74	165	65259	7.55	ng	# 26
57) Fluorene	10.28	166	104156	3.61	ng	98
70) Phenanthrene	11.25	178	1733324	46.51	ng	100
71) Anthracene	11.30	178	468715	11.83	ng	99
72) Carbazole	11.46	167	165731	4.64	ng	98
73) Di-n-butylphthalate	11.80	149	2155989	48.01	ng	99
74) Fluoranthene	12.44	202	2200567	56.94	ng	91
77) Pyrene	12.66	202	1692066	51.57	ng	97
80) Benzo(a)anthracene	13.85	228	838813	29.49	ng	99
82) Chrysene	13.88	228	588720	20.99	ng	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	472912	22.27	ng	99
85) Indeno(1,2,3-cd)pyrene	16.57	276	309257	13.29	ng	94
87) Benzo(b)fluoranthene	14.87	252	1150025	35.47	ng	# 94
88) Benzo(k)fluoranthene	14.87	252	1150025	40.44	ng	98
89) Benzo(a)pyrene	15.20	252	517507	18.34	ng	# 94
90) Dibenzo(a,h)anthracene	16.57	278	97599	4.00	ng	# 80
91) Benzo(g,h,i)perylene	16.96	276	255954	11.60	ng	99

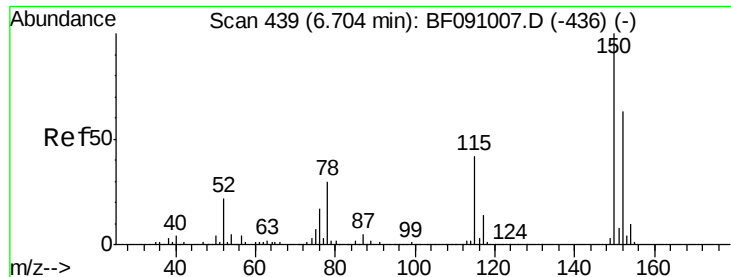
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 11:03:12 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

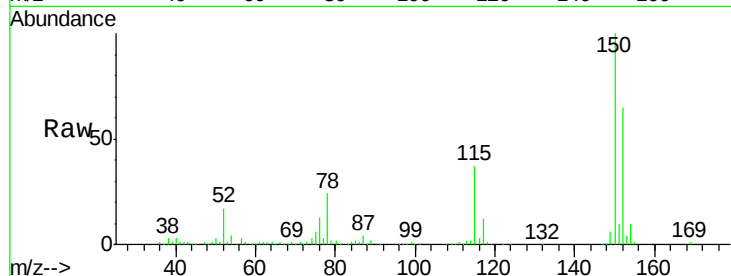
Tgt Ion:152 Resp: 233576

Ion Ratio Lower Upper

152 100

150 154.3 126.8 190.2

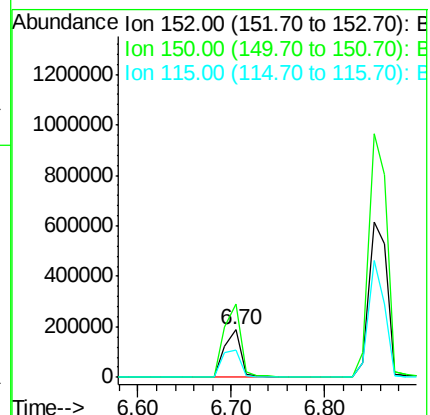
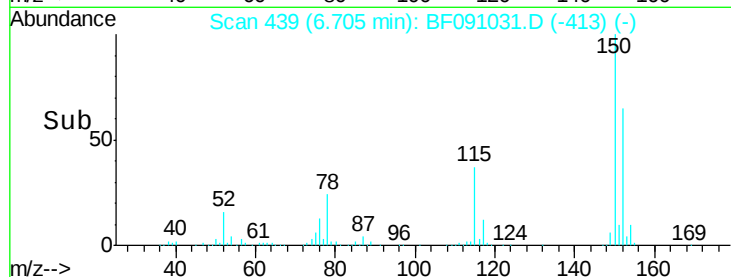
115 57.5 53.3 79.9



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: 70.27 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

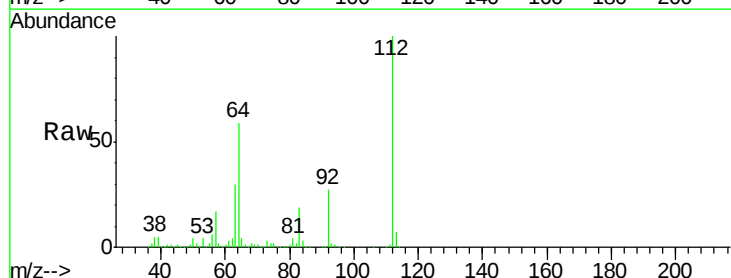
Tgt Ion:112 Resp: 993860

Ion Ratio Lower Upper

112 100

64 59.1 55.8 83.6

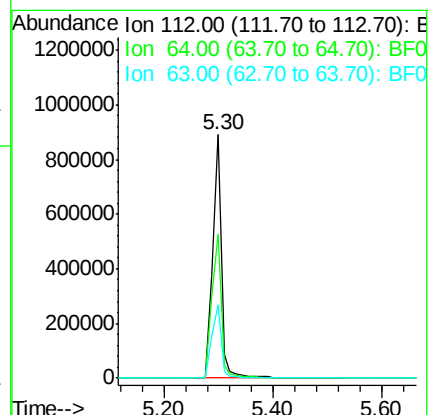
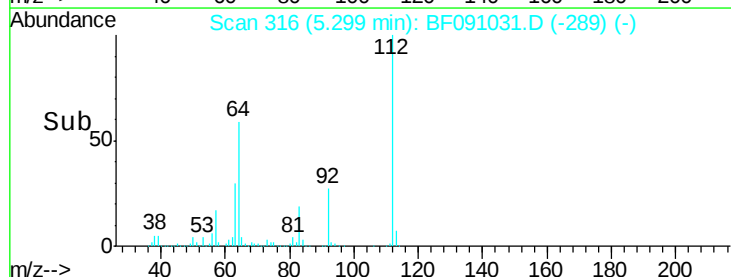
63 30.0 28.0 42.0

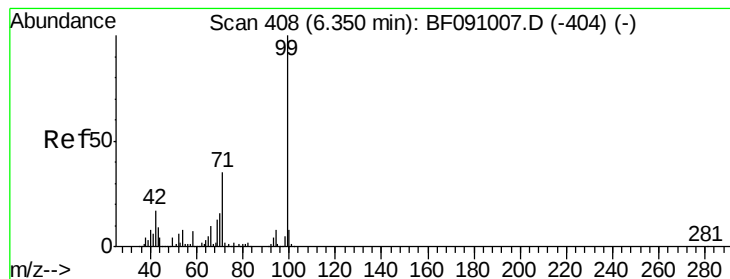


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.47 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

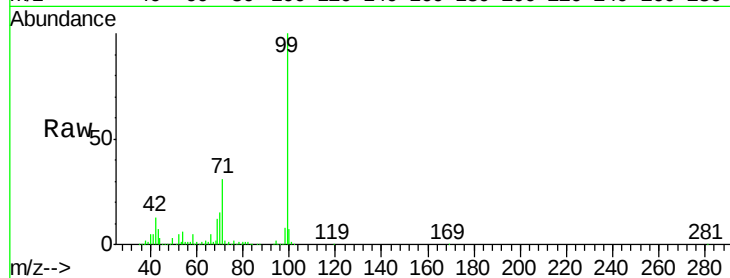
BNA_F

ClientSampleId :

SB-106-0.5-5.0

Tgt Ion: 99 Resp: 2427807

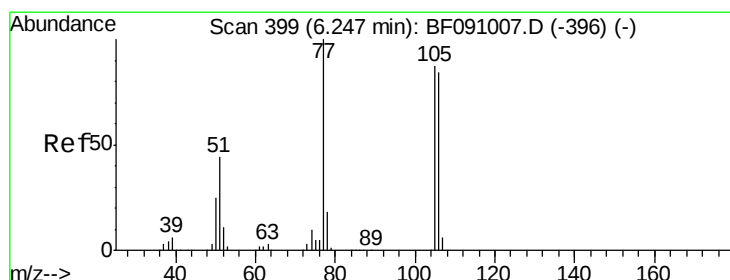
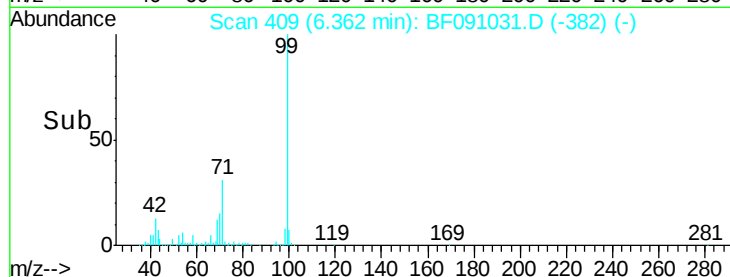
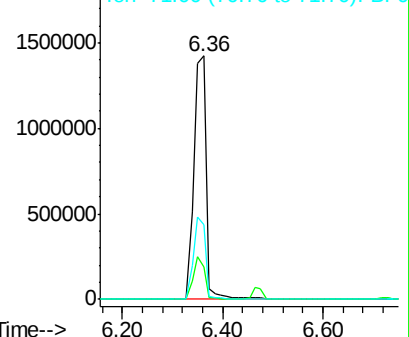
Ion	Ratio	Lower	Upper
99	100		
42	13.1	13.9	20.9#
71	30.5	27.8	41.8



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: 3.56 ng

RT: 6.48 min Scan# 419

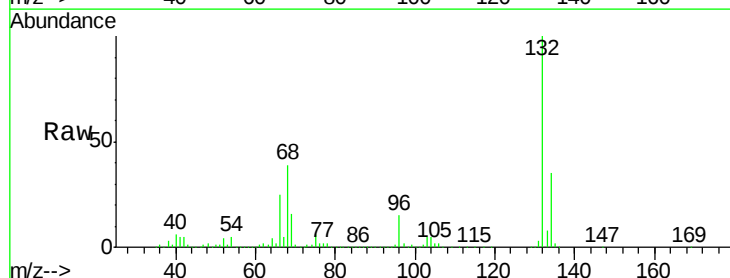
Delta R.T. 0.23 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Tgt Ion: 77 Resp: 37882

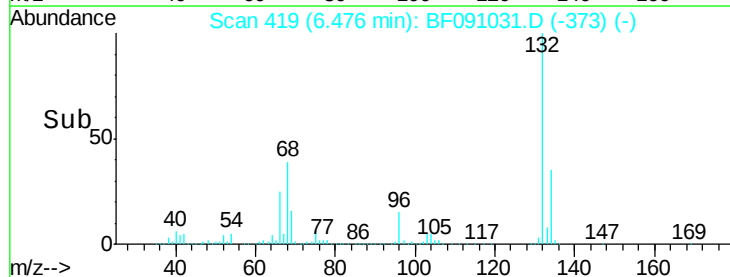
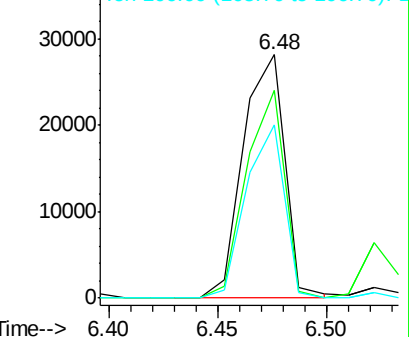
Ion	Ratio	Lower	Upper
77	100		
105	85.6	66.8	106.8
106	71.0	64.0	104.0

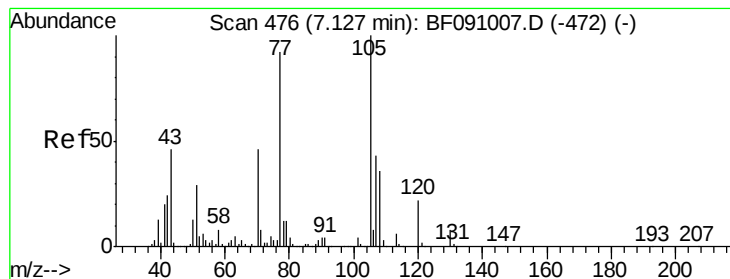


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.49 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.15 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

Tgt Ion: 70 Resp: 245984

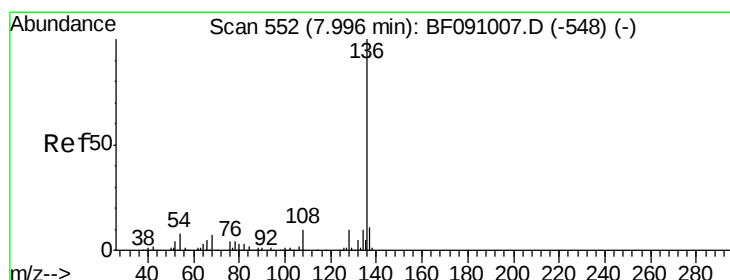
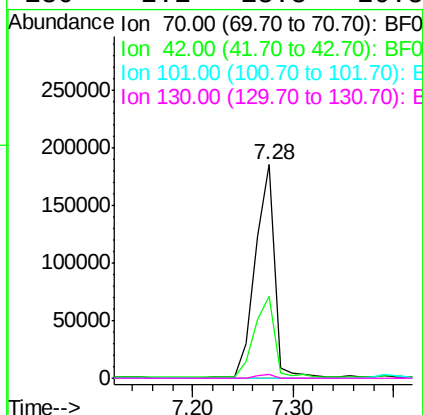
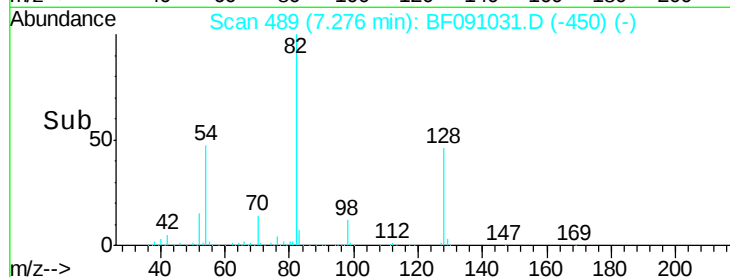
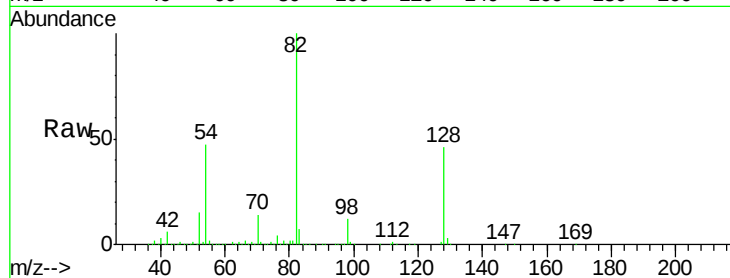
Ion Ratio Lower Upper

70 100

42 38.2 41.7 62.5#

101 0.0 6.7 10.1#

130 2.1 13.8 20.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Tgt Ion: 136 Resp: 956295

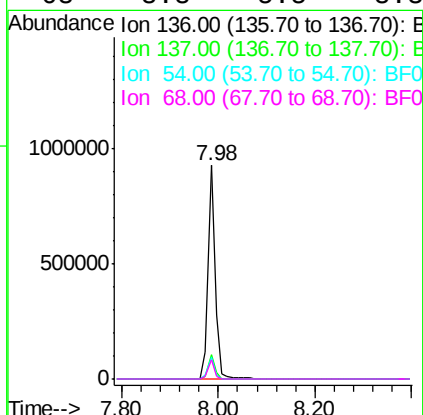
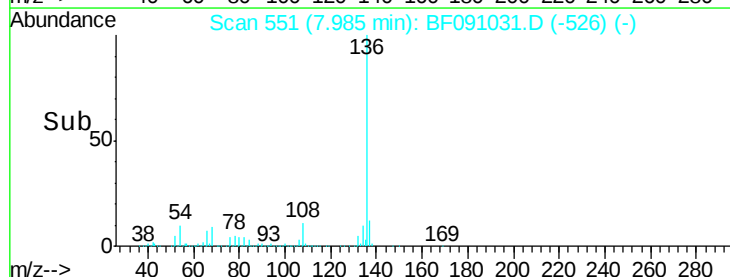
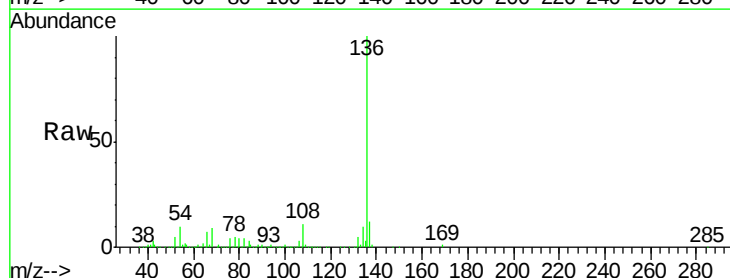
Ion Ratio Lower Upper

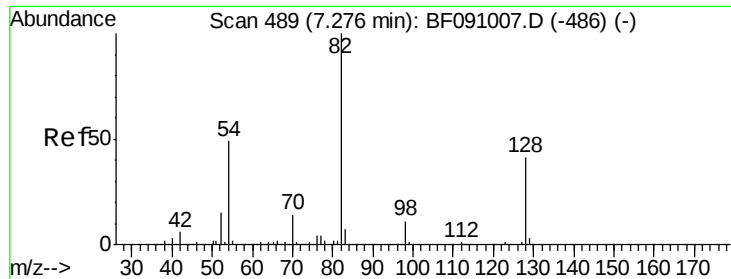
136 100

137 11.6 8.9 13.3

54 10.1 6.2 9.2#

68 8.8 5.5 8.3#

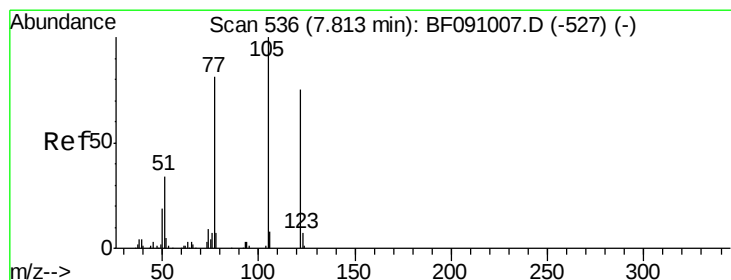
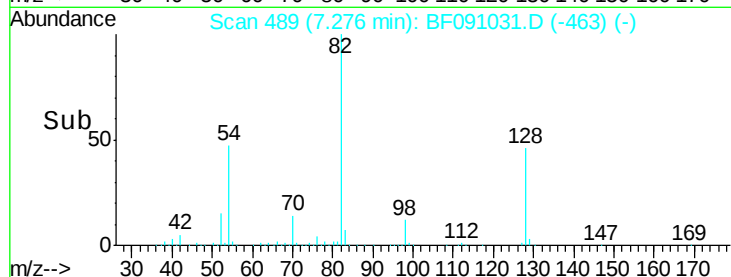
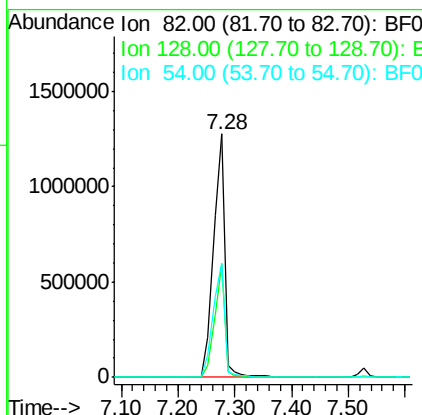
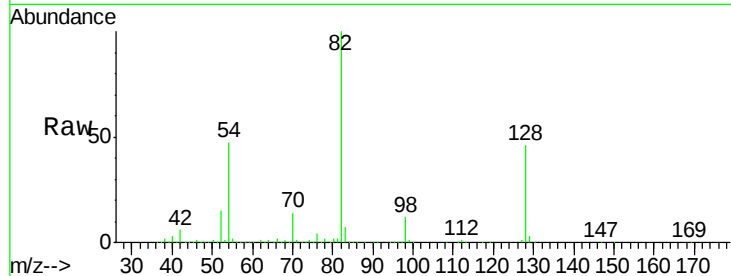




#23
Nitrobenzene-d5
Concen: 98.56 ng
RT: 7.28 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

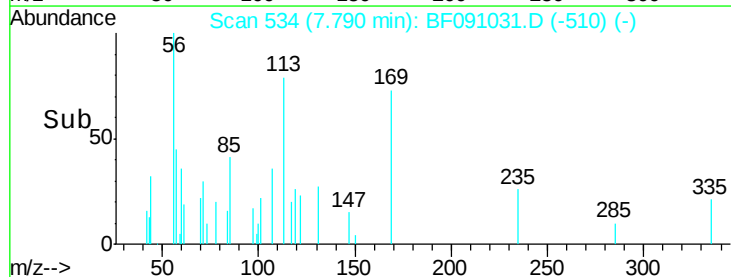
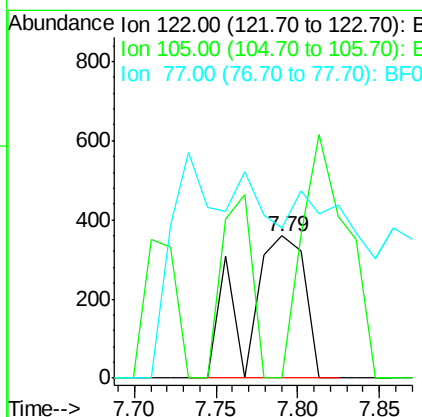
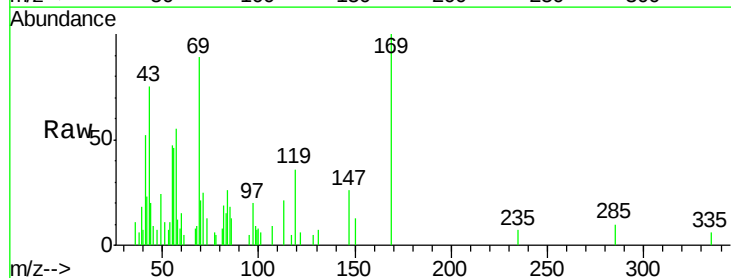
Instrument :
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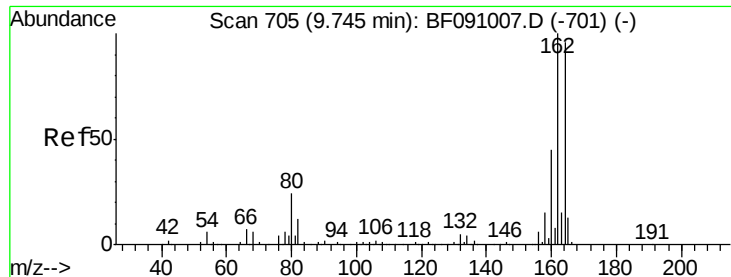
Tgt Ion: 82 Resp: 1727766
Ion Ratio Lower Upper
82 100
128 46.2 32.4 48.6
54 46.8 39.2 58.8



#32
Benzoic acid
Concen: 5.15 ng
RT: 7.79 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion: 122 Resp: 893
Ion Ratio Lower Upper
122 100
105 0.0 105.9 145.9#
77 105.3 84.0 124.0

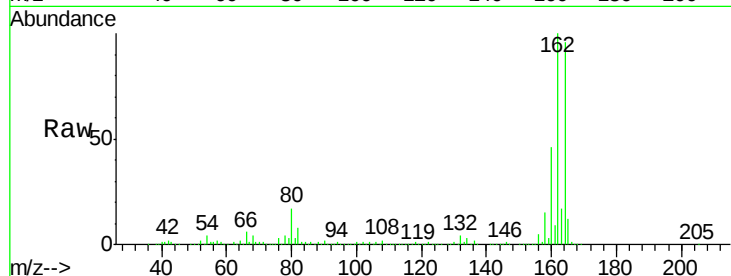




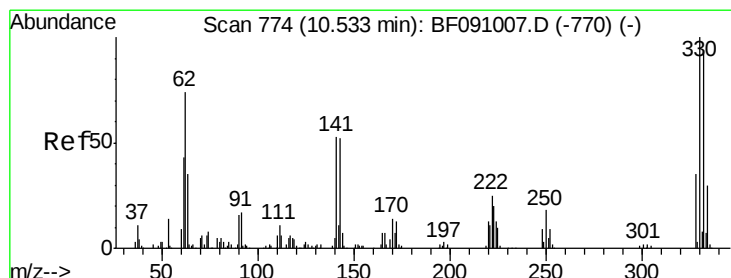
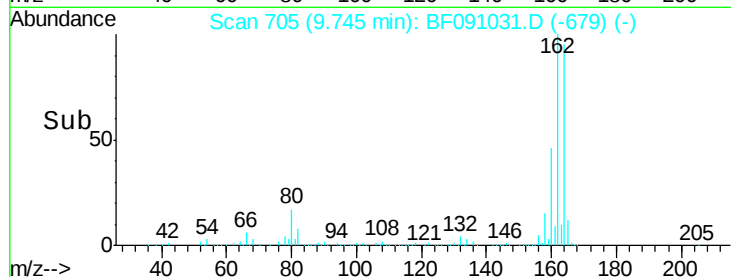
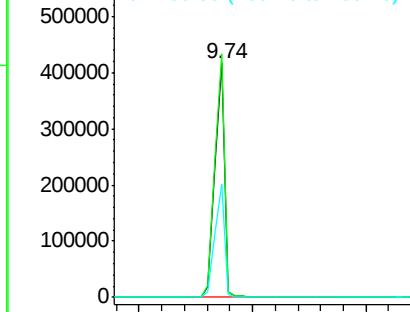
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Instrument :
BNA_F
ClientSampleId :
SB-106-0.5-5.0

Tgt Ion:164 Resp: 483323
Ion Ratio Lower Upper
164 100
162 104.0 83.6 125.4
160 48.3 37.9 56.9

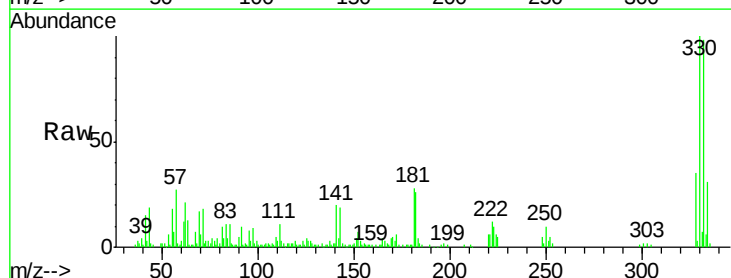


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

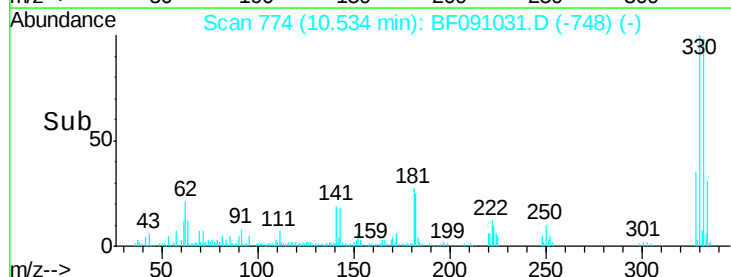
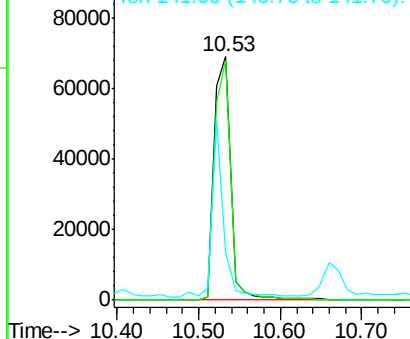


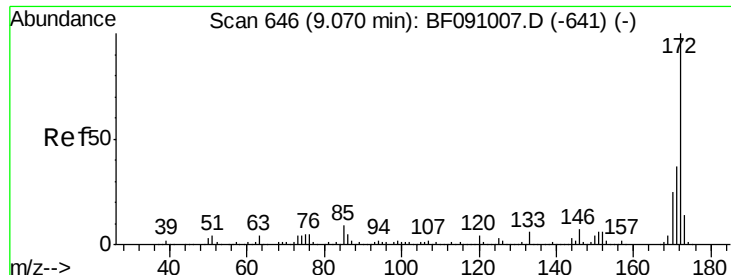
#41
2,4,6-Tribromophenol
Concen: 22.50 ng
RT: 10.53 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:330 Resp: 98297
Ion Ratio Lower Upper
330 100
332 96.0 75.9 113.9
141 50.9 36.1 54.1



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

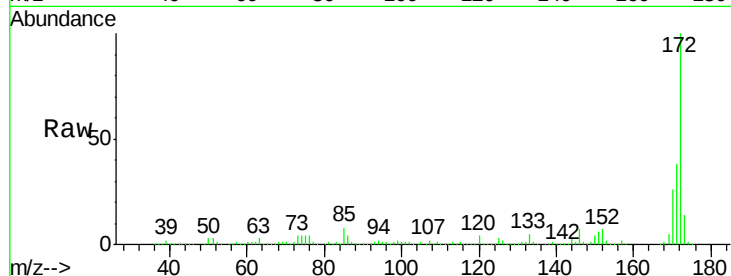




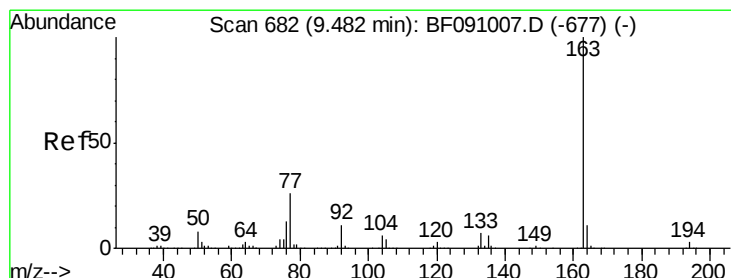
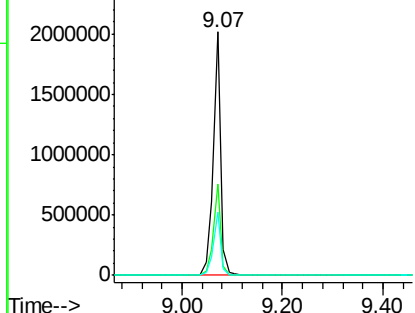
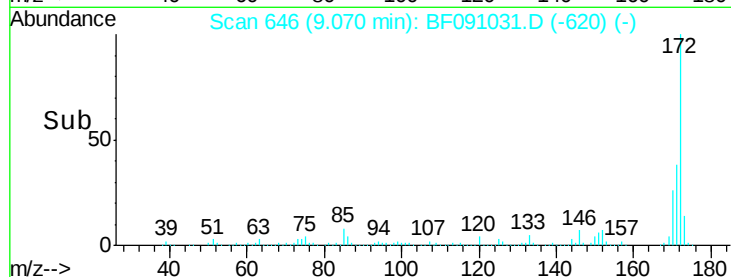
#44
 2-Fluorobiphenyl
 Concen: 74.23 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091031.D
 Acq: 4 Nov 2016 20:12

Instrument :
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 ClientSampleId :
 SB-106-0.5-5.0

Tgt Ion:172 Resp: 2083892
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.8 20.3 30.5

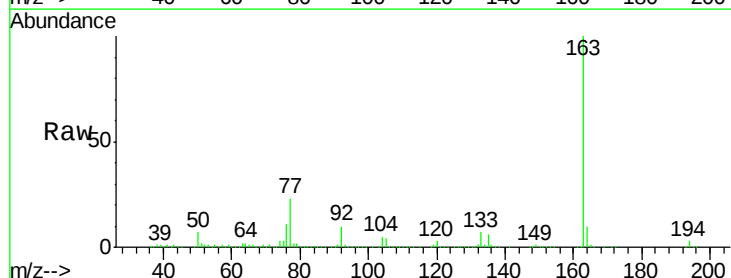


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

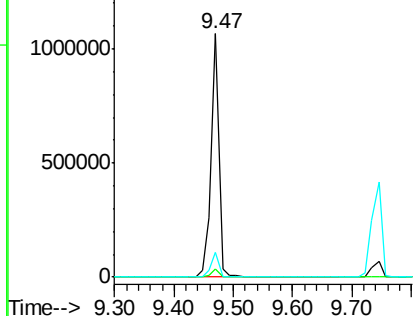
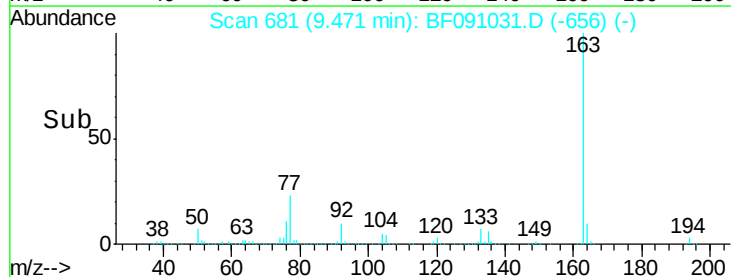


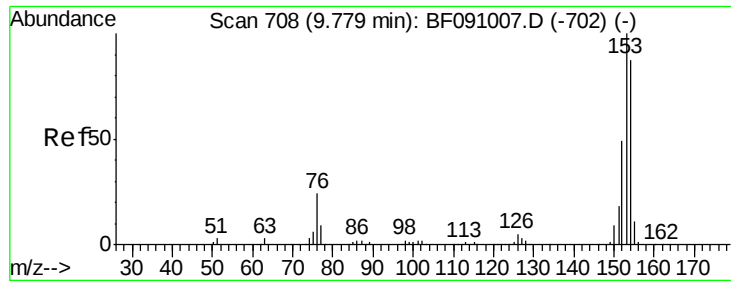
#49
 Dimethylphthalate
 Concen: 30.79 ng
 RT: 9.47 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF091031.D
 Acq: 4 Nov 2016 20:12

Tgt Ion:163 Resp: 975818
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.4 8.7 13.1



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: 3.16 ng

RT: 9.77 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

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ClientSampleId :

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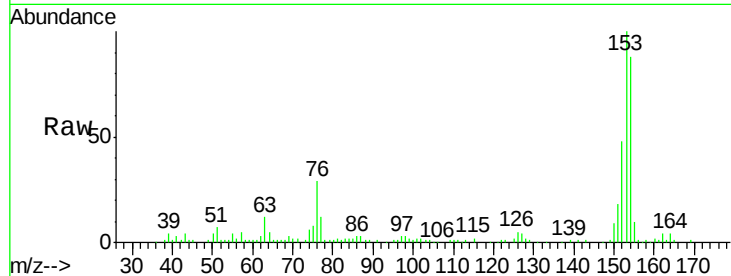
Tgt Ion:154 Resp: 82762

Ion Ratio Lower Upper

154 100

153 114.0 91.6 137.4

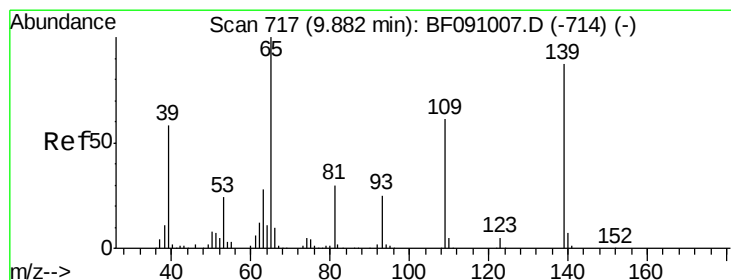
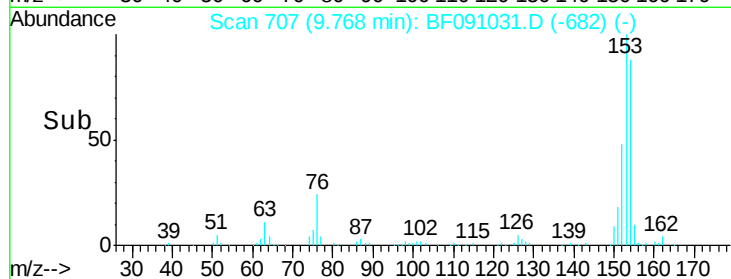
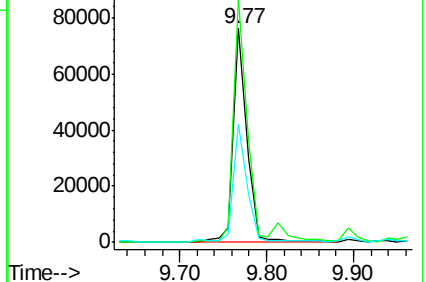
152 55.1 44.6 67.0



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



#55

4-Nitrophenol

Concen: 11.00 ng

RT: 9.94 min Scan# 722

Delta R.T. 0.06 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

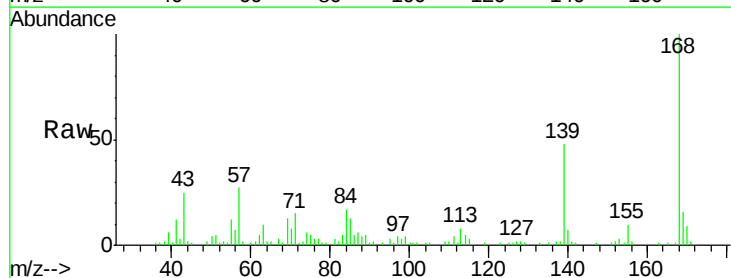
Tgt Ion:139 Resp: 30431

Ion Ratio Lower Upper

139 100

109 4.6 50.5 90.5#

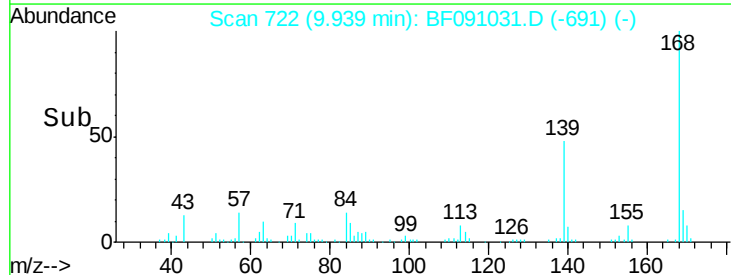
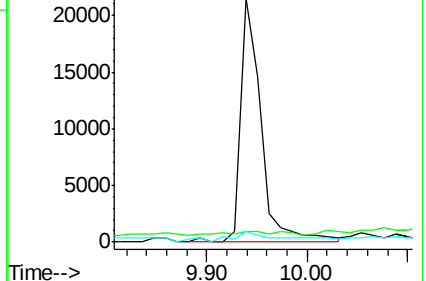
65 4.5 97.1 137.1#

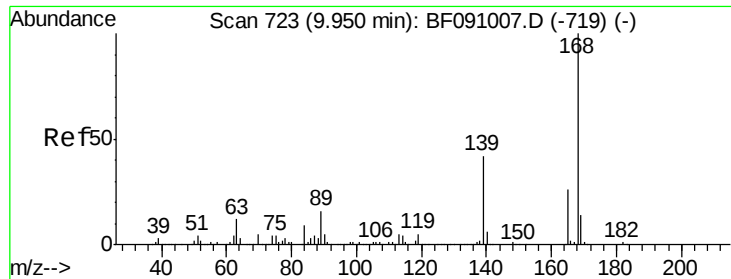


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

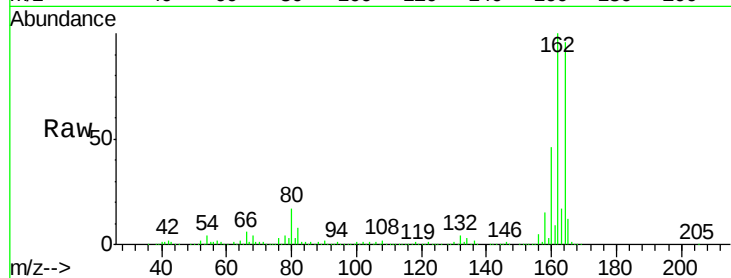




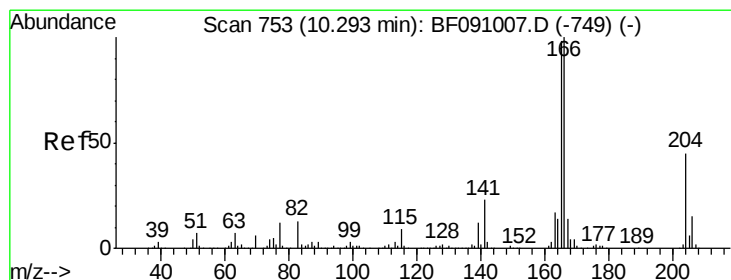
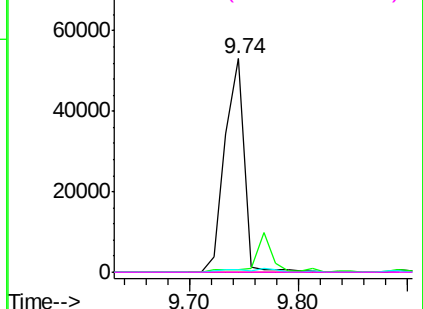
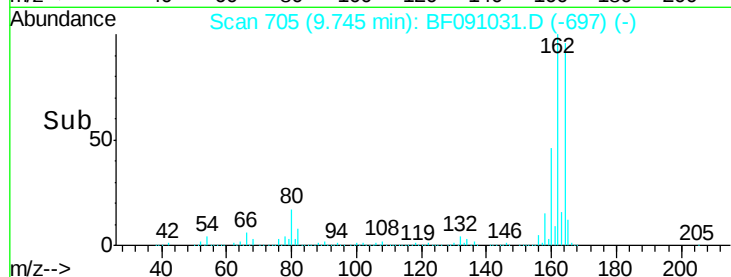
#56
2,4-Dinitrotoluene
Concen: 7.55 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.21 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Instrument :
BNA_F
ClientSampleId :
SB-106-0.5-5.0

Tgt Ion:165 Resp: 65259
Ion Ratio Lower Upper
165 100
63 1.0 38.7 58.1#
89 1.4 50.6 76.0#
182 0.0 1.8 2.8#

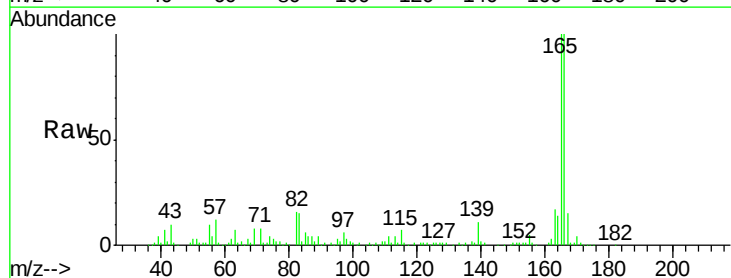


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

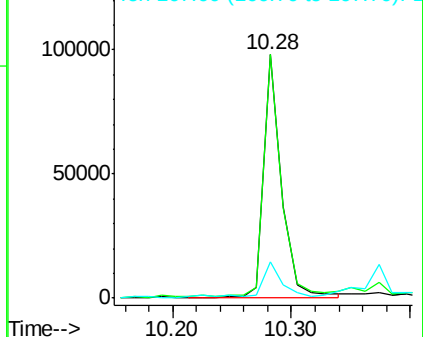
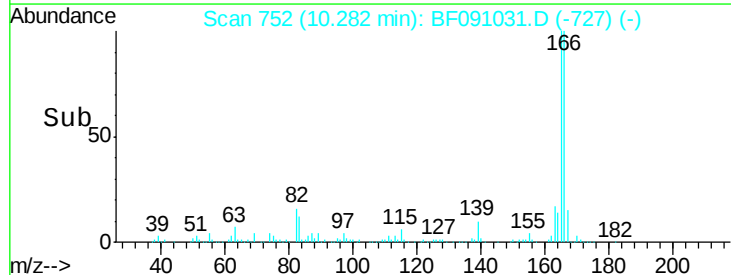


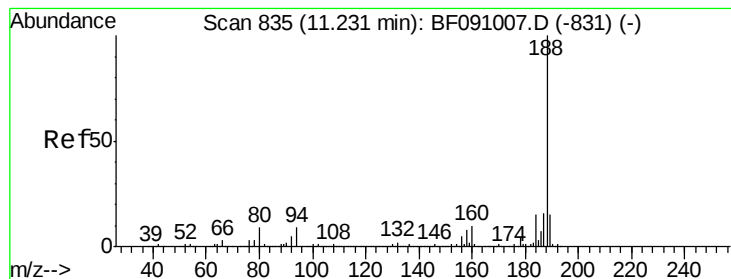
#57
Fluorene
Concen: 3.61 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF091031.D
Acq: 4 Nov 2016 20:12

Tgt Ion:166 Resp: 104156
Ion Ratio Lower Upper
166 100
165 100.0 78.6 118.0
167 14.9 11.1 16.7



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: 11.22 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

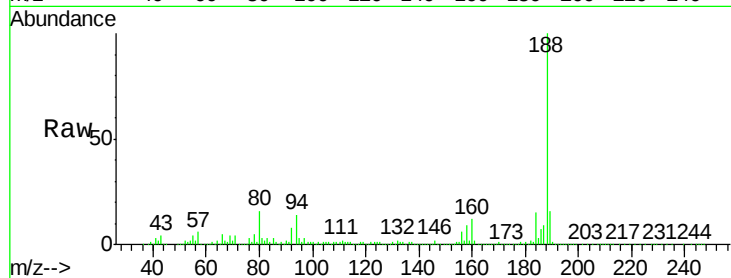
Tgt Ion:188 Resp: 701035

Ion Ratio Lower Upper

188 100

94 13.9 7.0 10.4#

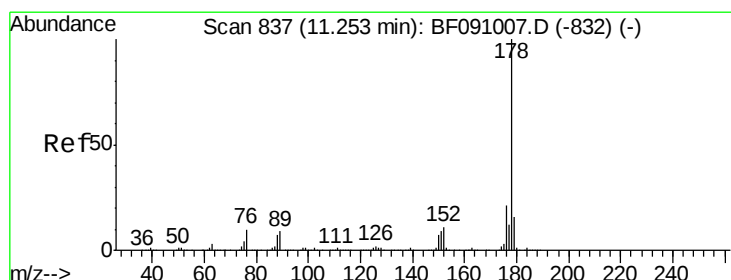
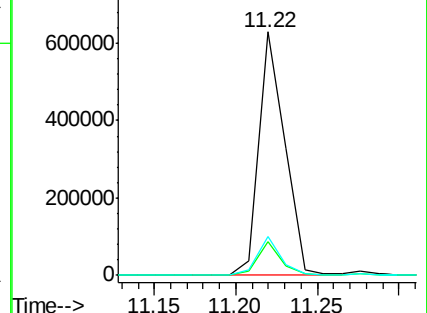
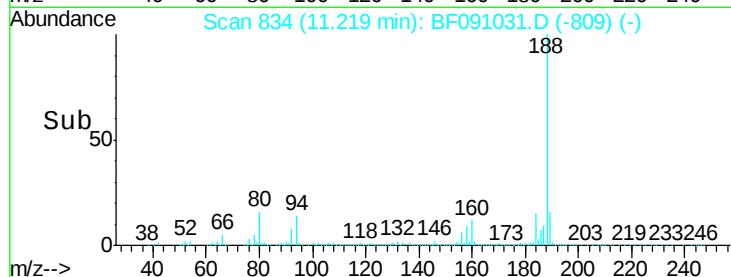
80 16.1 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 46.51 ng

RT: 11.25 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

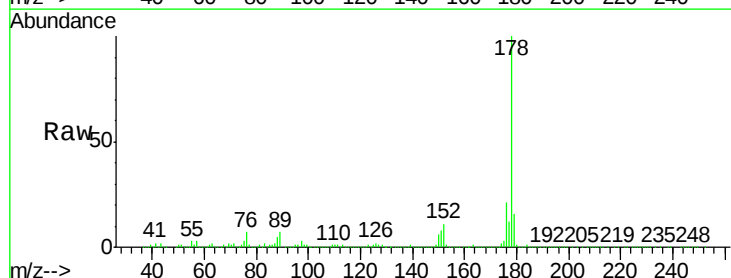
Tgt Ion:178 Resp: 1733324

Ion Ratio Lower Upper

178 100

176 21.0 16.6 25.0

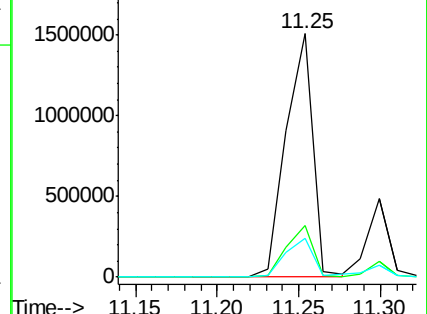
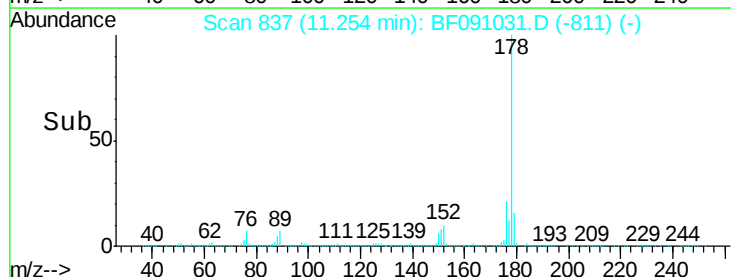
179 16.1 12.9 19.3

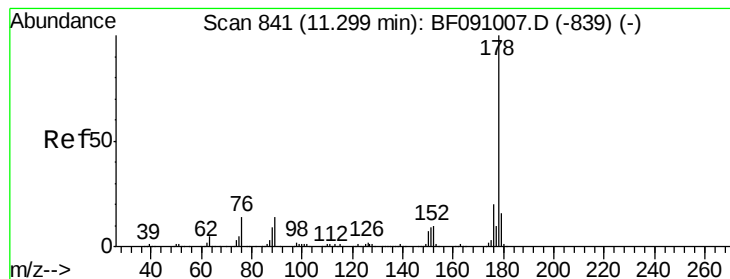


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 11.83 ng

RT: 11.30 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

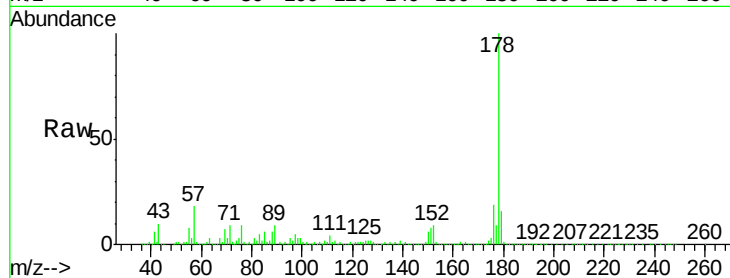
Tgt Ion:178 Resp: 468715

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

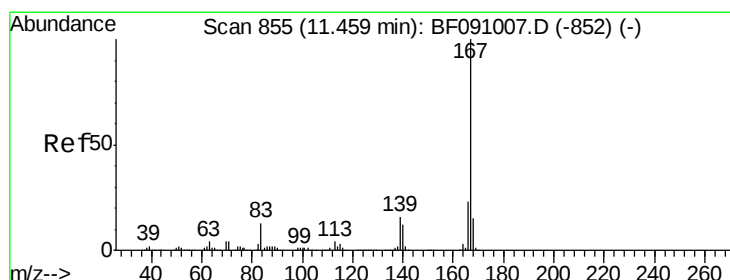
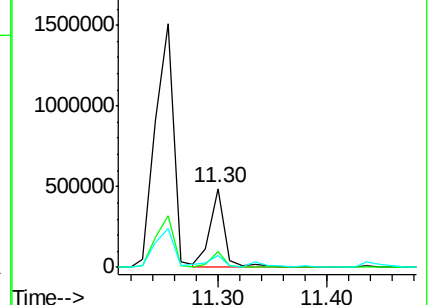
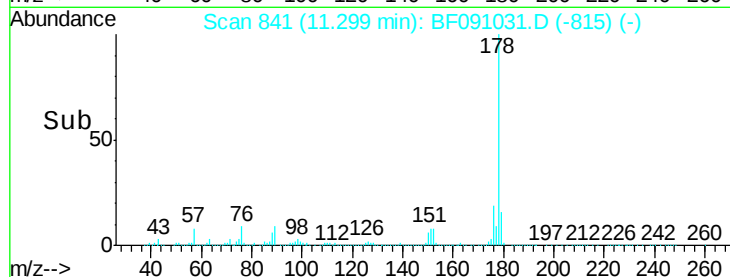
179 15.9 13.0 19.6



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: 4.64 ng

RT: 11.46 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

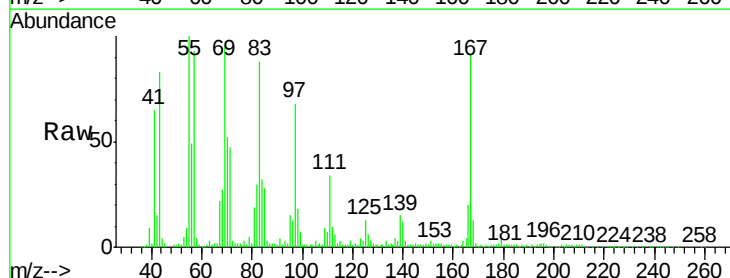
Tgt Ion:167 Resp: 165731

Ion Ratio Lower Upper

167 100

166 22.0 18.0 27.0

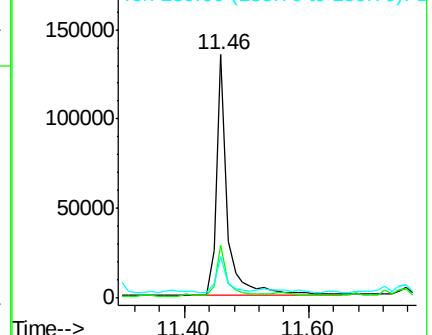
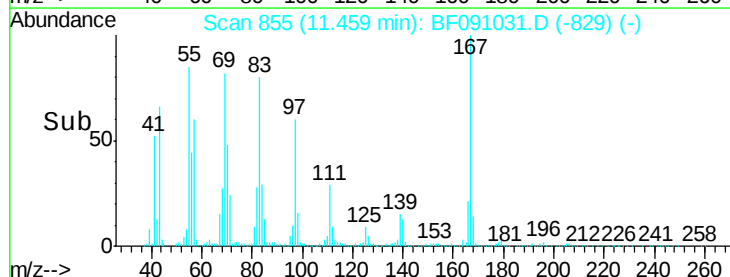
139 16.8 12.6 18.8

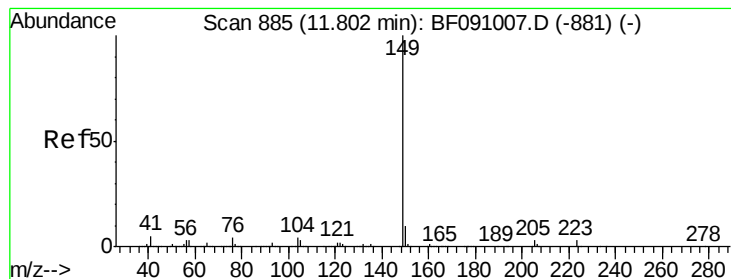


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.01 ng

RT: 11.80 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

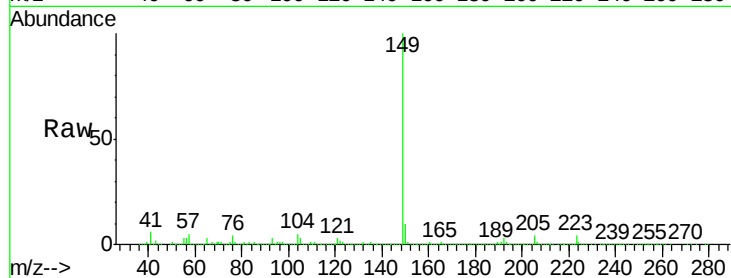
Tgt Ion:149 Resp: 2155989

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

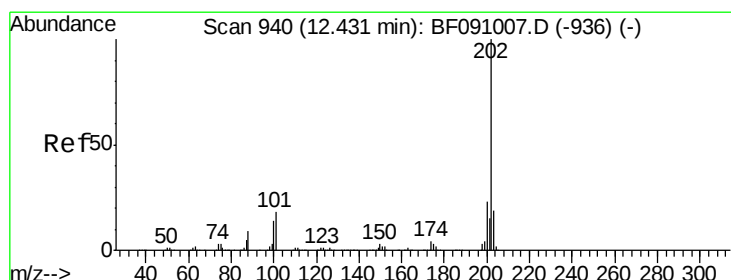
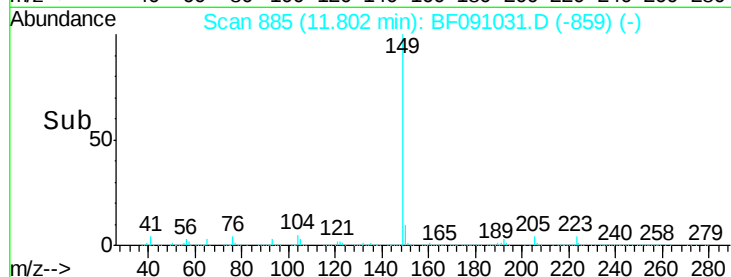
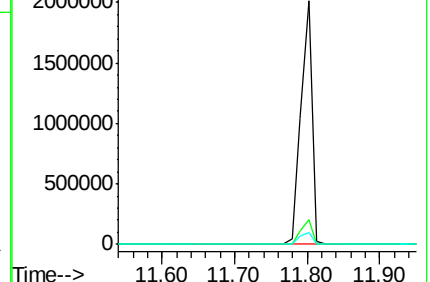
104 4.7 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 56.94 ng

RT: 12.44 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

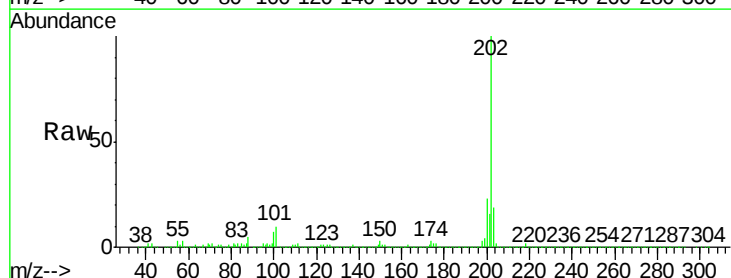
Tgt Ion:202 Resp: 2200567

Ion Ratio Lower Upper

202 100

101 9.6 0.0 37.6

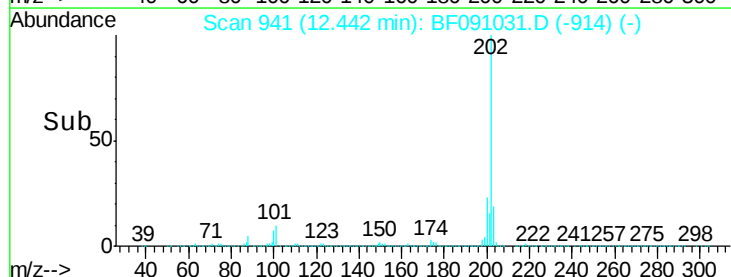
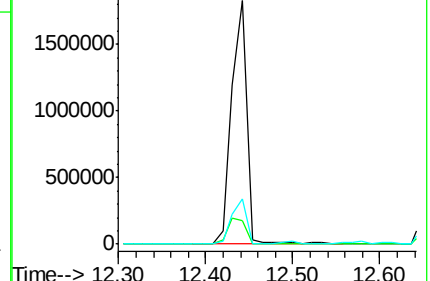
203 18.7 0.0 38.6

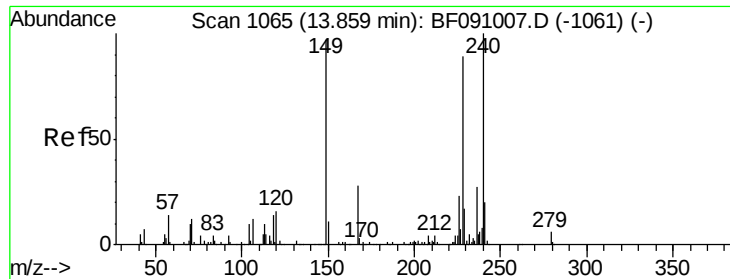


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

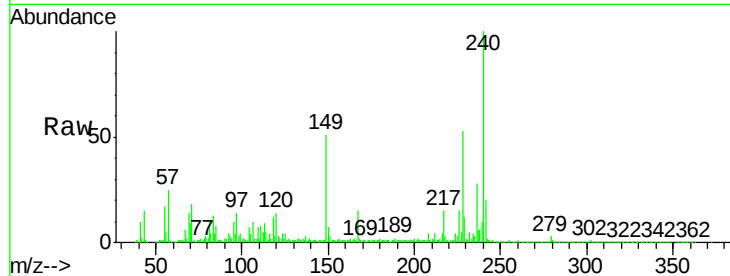
Tgt Ion:240 Resp: 501012

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

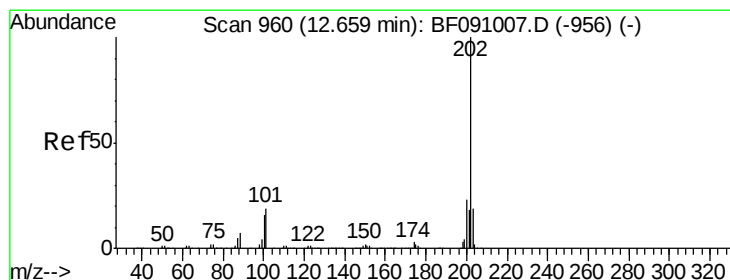
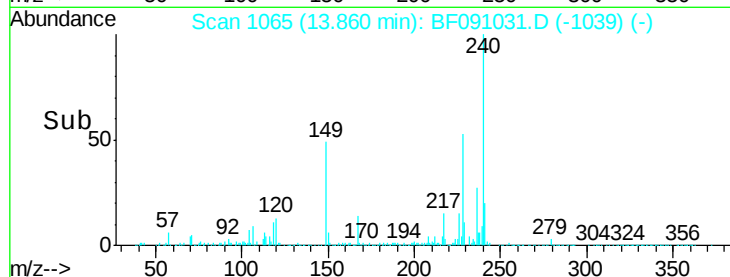
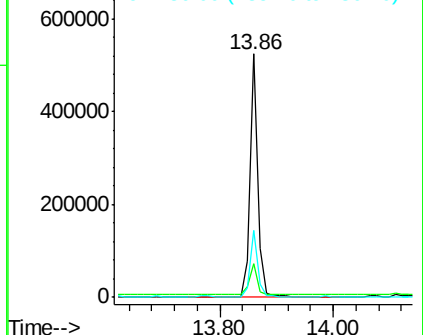
236 27.5 21.9 32.9



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: 51.57 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

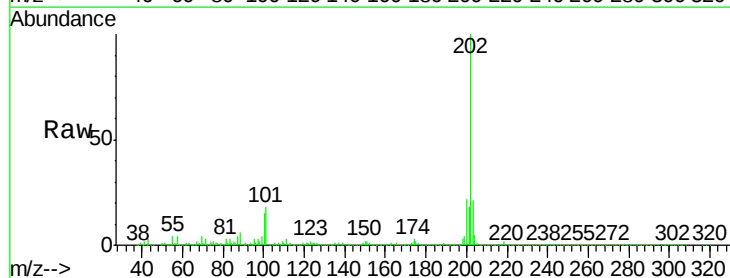
Tgt Ion:202 Resp: 1692066

Ion Ratio Lower Upper

202 100

200 22.4 18.4 27.6

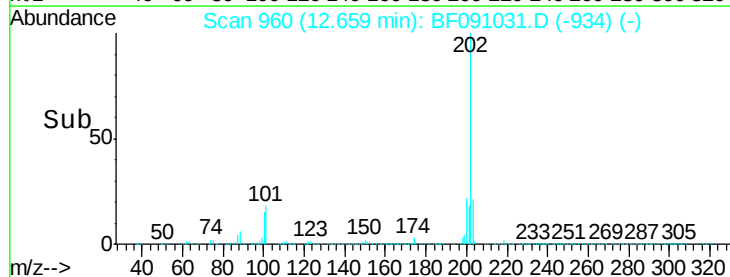
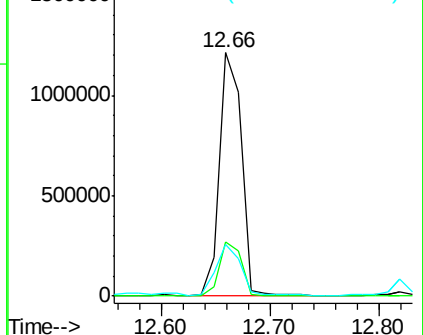
203 21.0 15.0 22.6

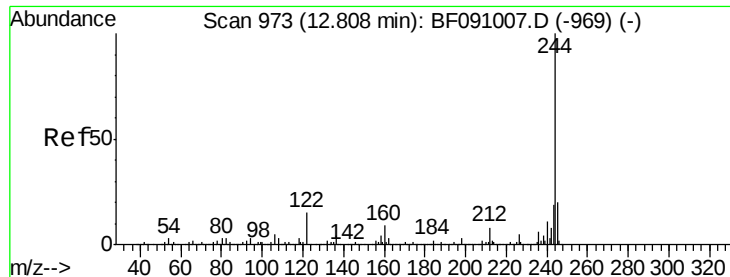


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.40 ng

RT: 12.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

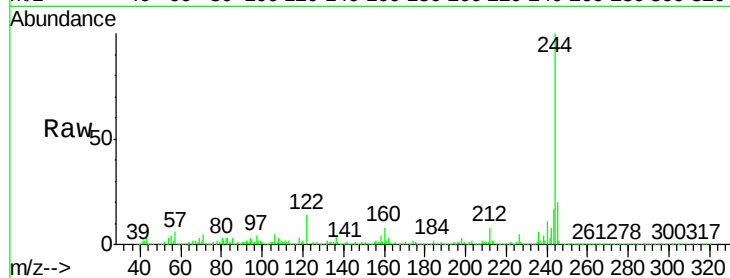
Tgt Ion:244 Resp: 1754680

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

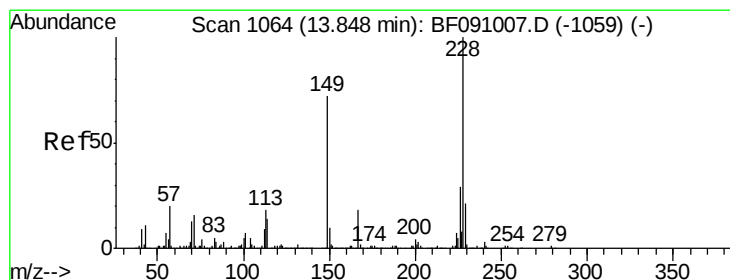
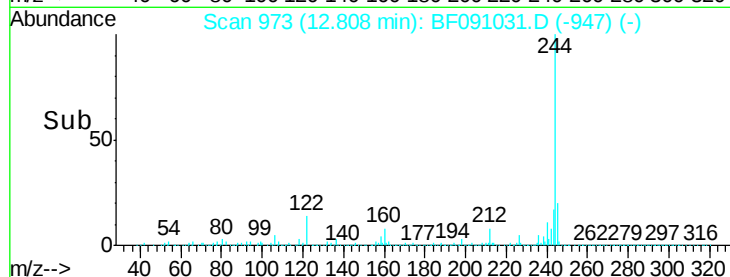
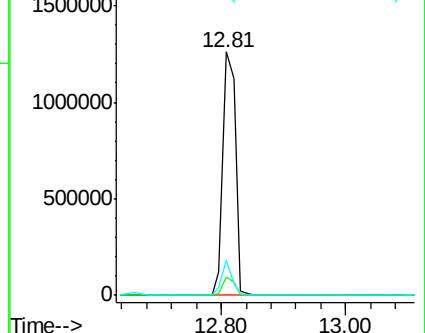
122 14.3 12.3 18.5



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: 29.49 ng

RT: 13.85 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

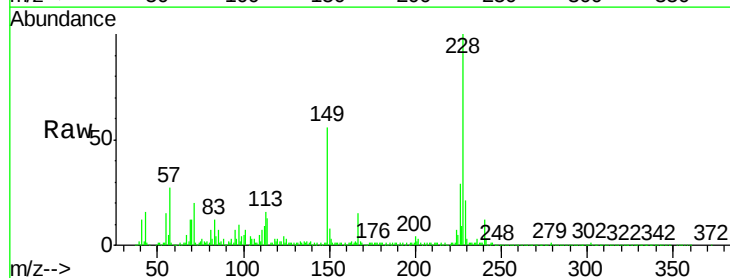
Tgt Ion:228 Resp: 838813

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

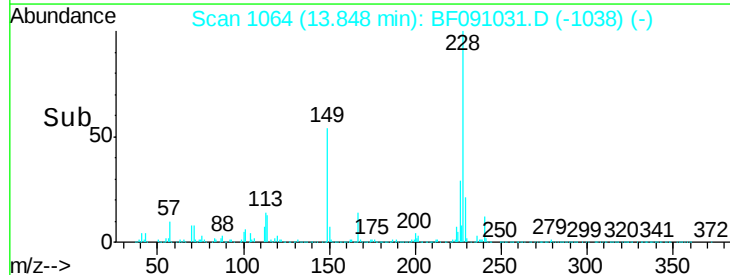
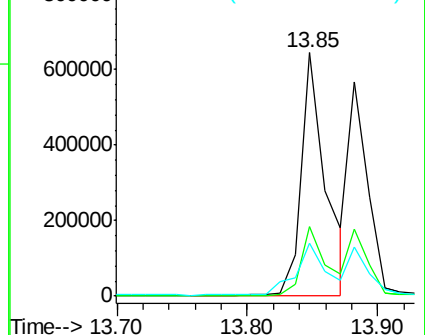
229 21.5 16.6 24.8

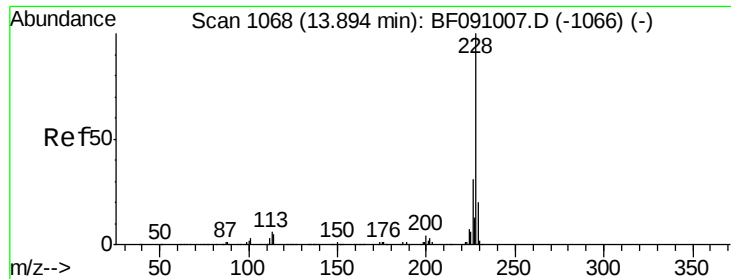


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 20.99 ng

RT: 13.88 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

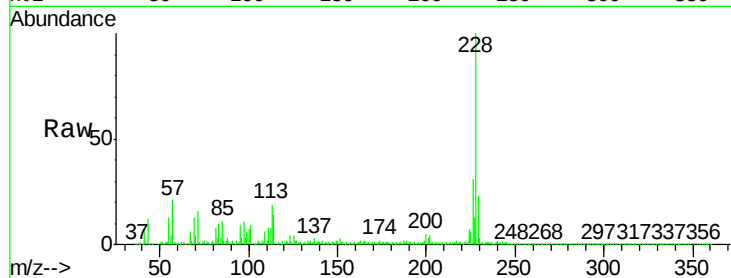
Tgt Ion:228 Resp: 588720

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

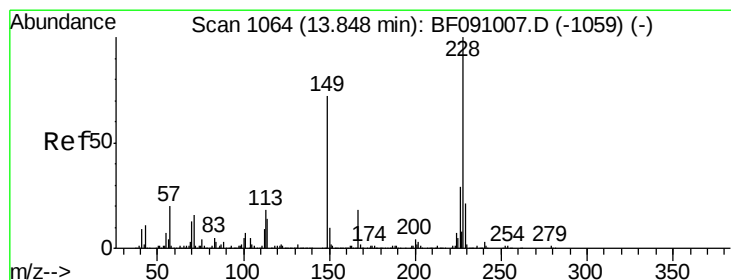
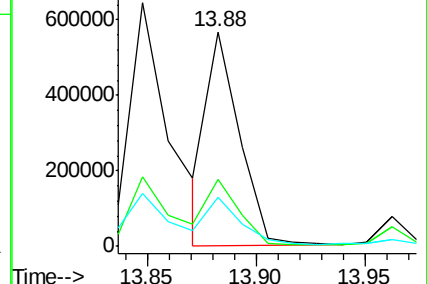
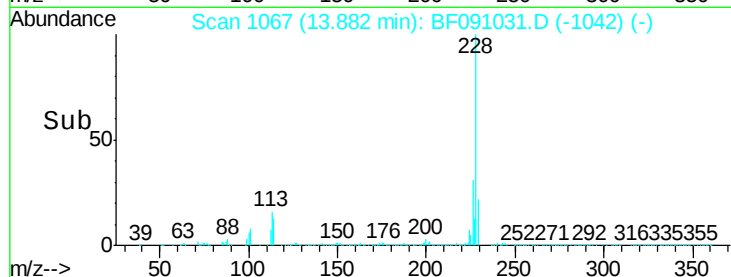
229 23.1 15.9 23.9



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: 22.27 ng

RT: 13.85 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

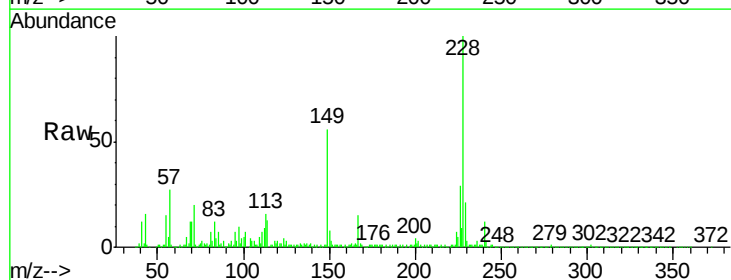
Tgt Ion:149 Resp: 472912

Ion Ratio Lower Upper

149 100

167 26.0 20.4 30.6

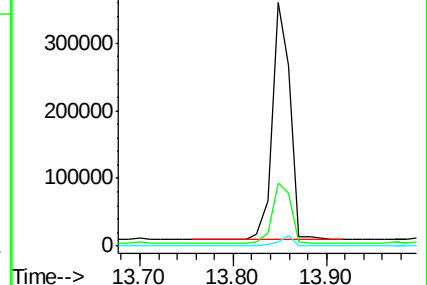
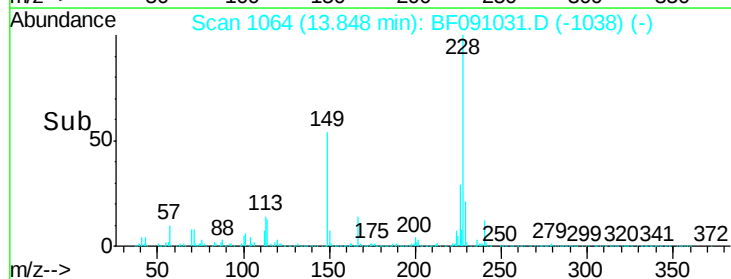
279 1.9 1.6 2.4

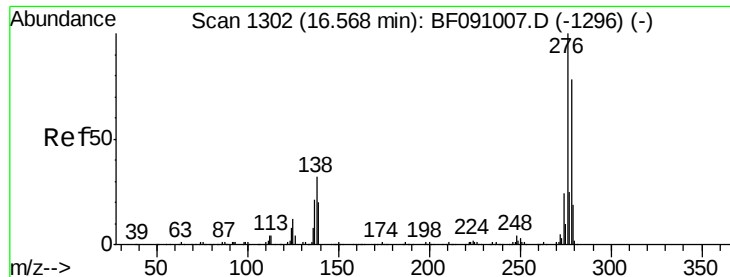


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

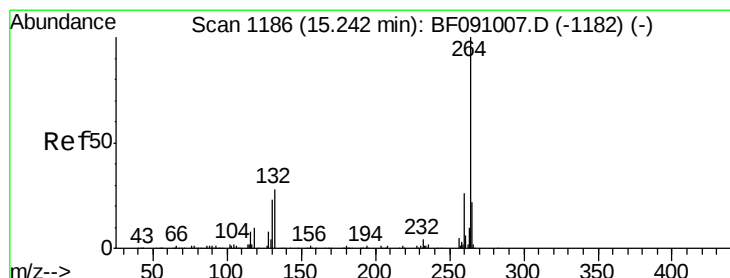
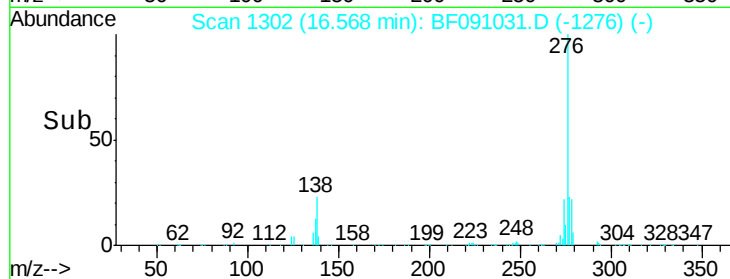
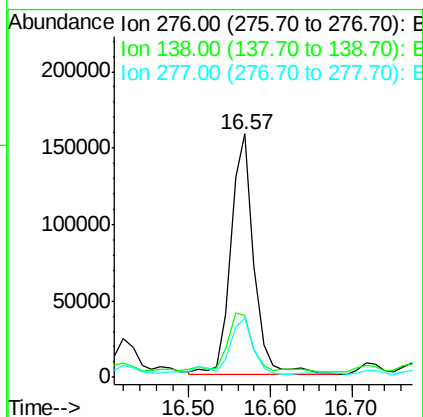
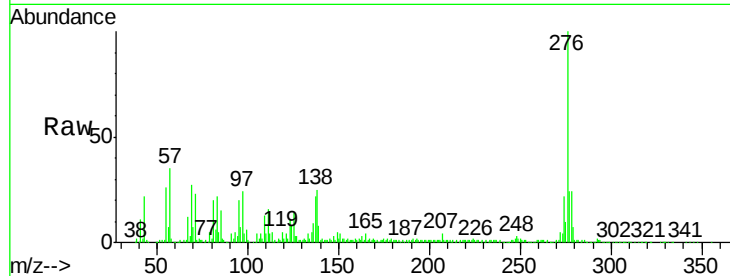




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.29 ng
 RT: 16.57 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF091031.D
 Acq: 4 Nov 2016 20:12

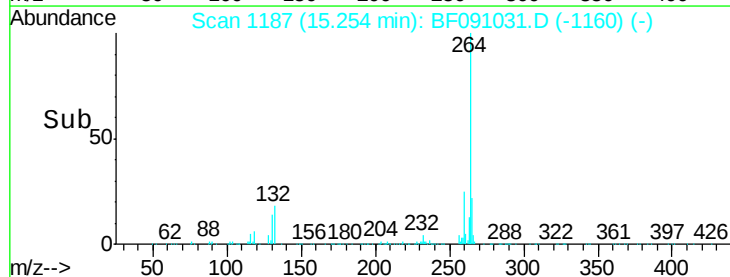
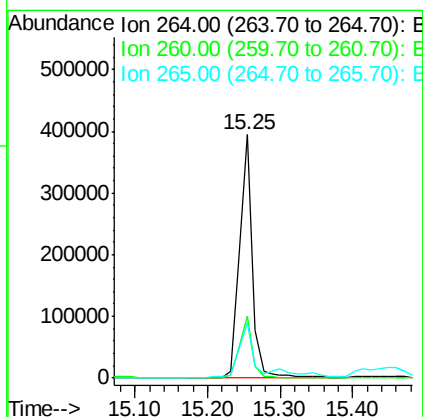
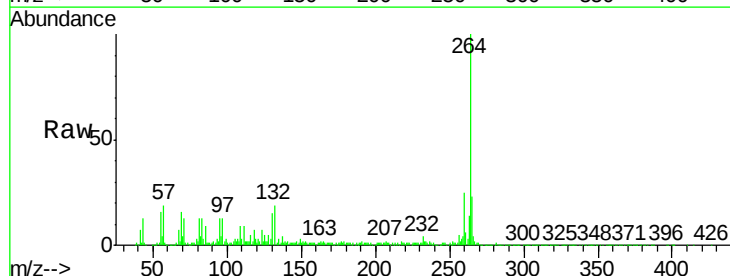
Instrument :
 BNA_F
 ClientSampleId :
 SB-106-0.5-5.0

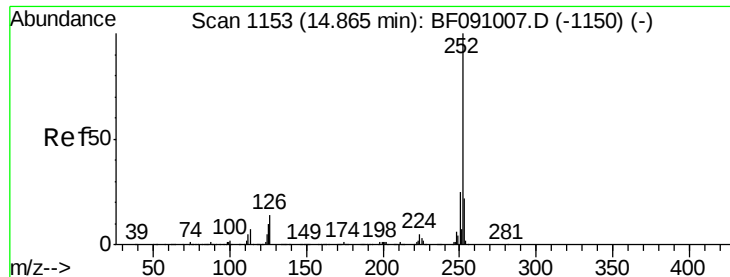
Tgt Ion: 276 Resp: 309257
 Ion Ratio Lower Upper
 276 100
 138 27.1 26.0 39.0
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF091031.D
 Acq: 4 Nov 2016 20:12

Tgt Ion: 264 Resp: 478024
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 30.8
 265 22.8 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 35.47 ng

RT: 14.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

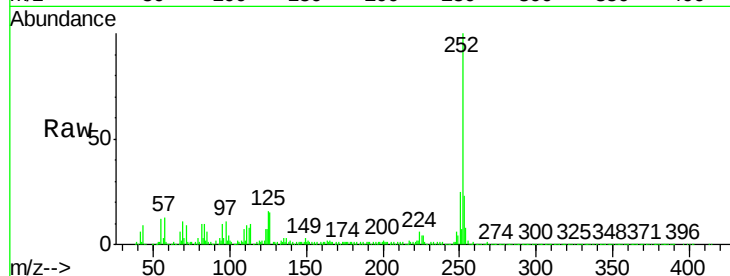
Tgt Ion:252 Resp: 1150025

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

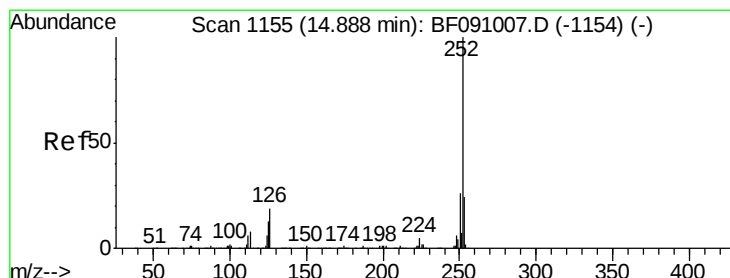
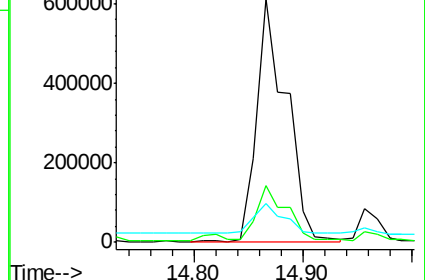
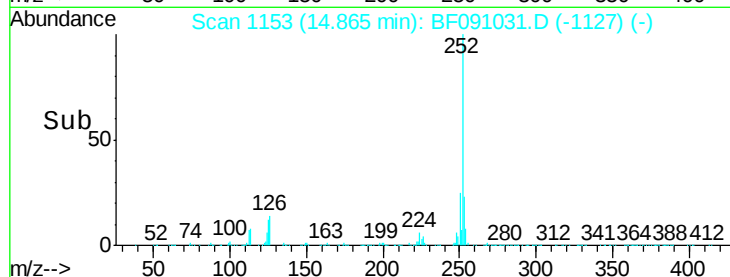
125 15.9 8.3 12.5#



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: 40.44 ng

RT: 14.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

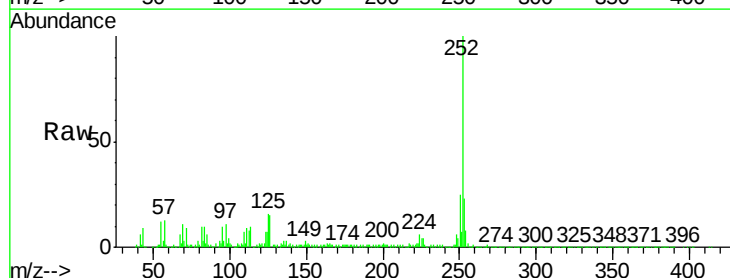
Tgt Ion:252 Resp: 1150025

Ion Ratio Lower Upper

252 100

253 23.2 18.6 28.0

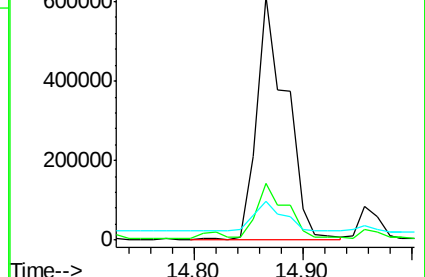
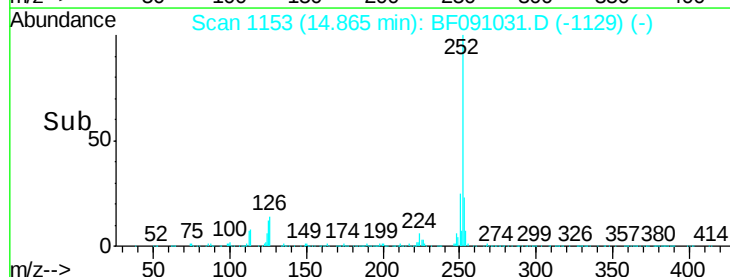
125 15.9 11.2 16.8

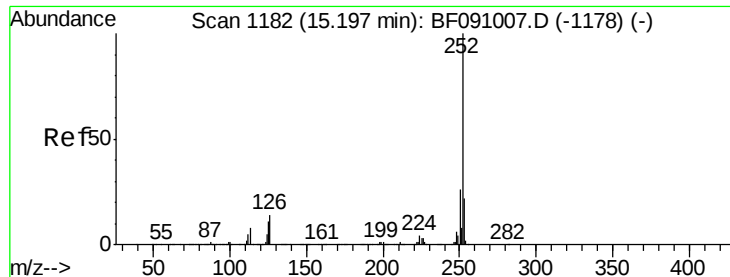


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 18.34 ng

RT: 15.20 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

Instrument :

BNA_F

ClientSampleId :

SB-106-0.5-5.0

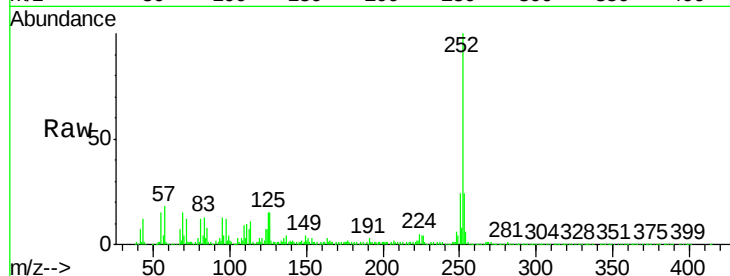
Tgt Ion:252 Resp: 517507

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.8

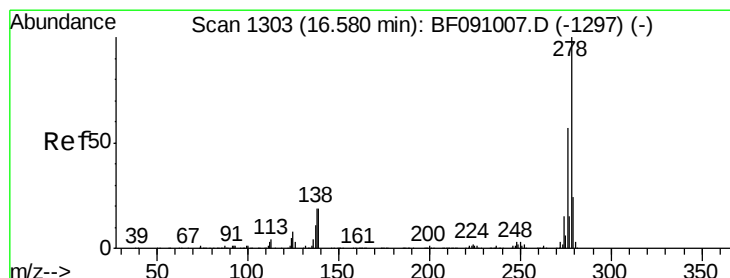
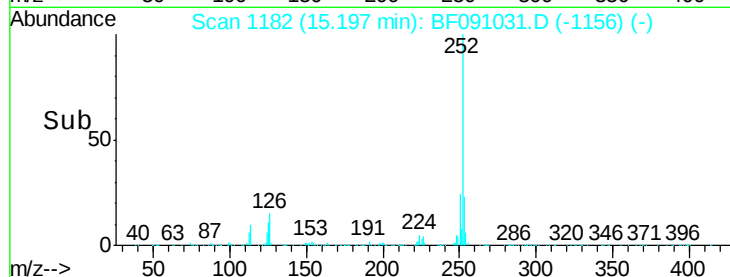
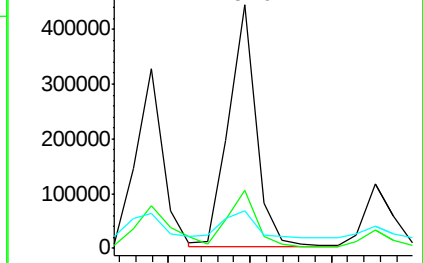
125 15.2 8.6 13.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 4.00 ng

RT: 16.57 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF091031.D

Acq: 4 Nov 2016 20:12

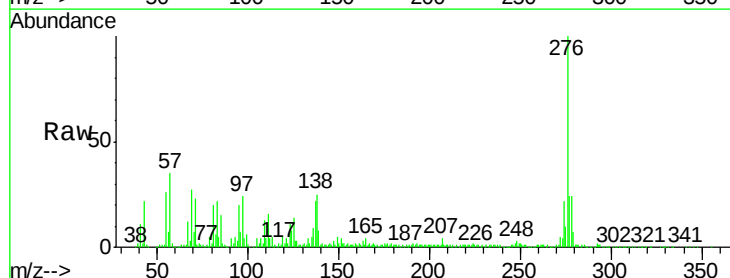
Tgt Ion:278 Resp: 97599

Ion Ratio Lower Upper

278 100

139 34.0 15.3 22.9#

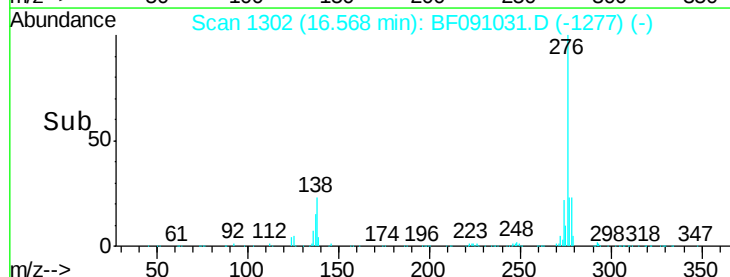
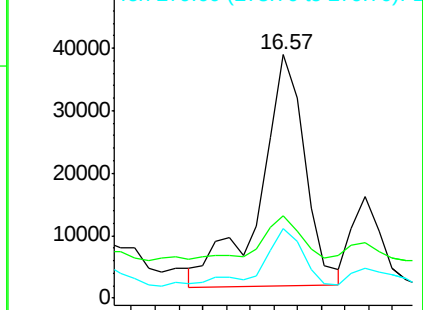
279 28.7 19.3 28.9

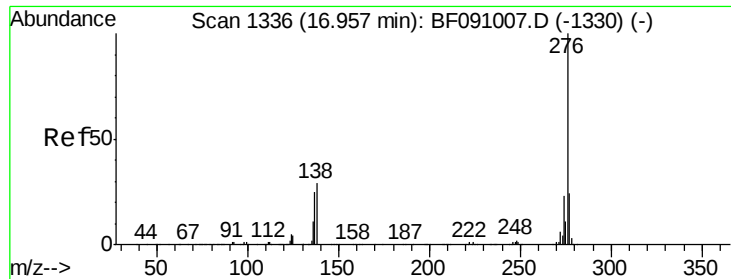


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 11.60 ng
 RT: 16.96 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF091031.D
 Acq: 4 Nov 2016 20:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-106-0.5-5.0

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	30.0	23.3	34.9

