

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091042.D
 Acq On : 5 Nov 2016 1:14
 Operator : UM/SJ
 Sample : H5509-22RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-92-9.95-23.0RE

Quant Time: Nov 05 02:35:43 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

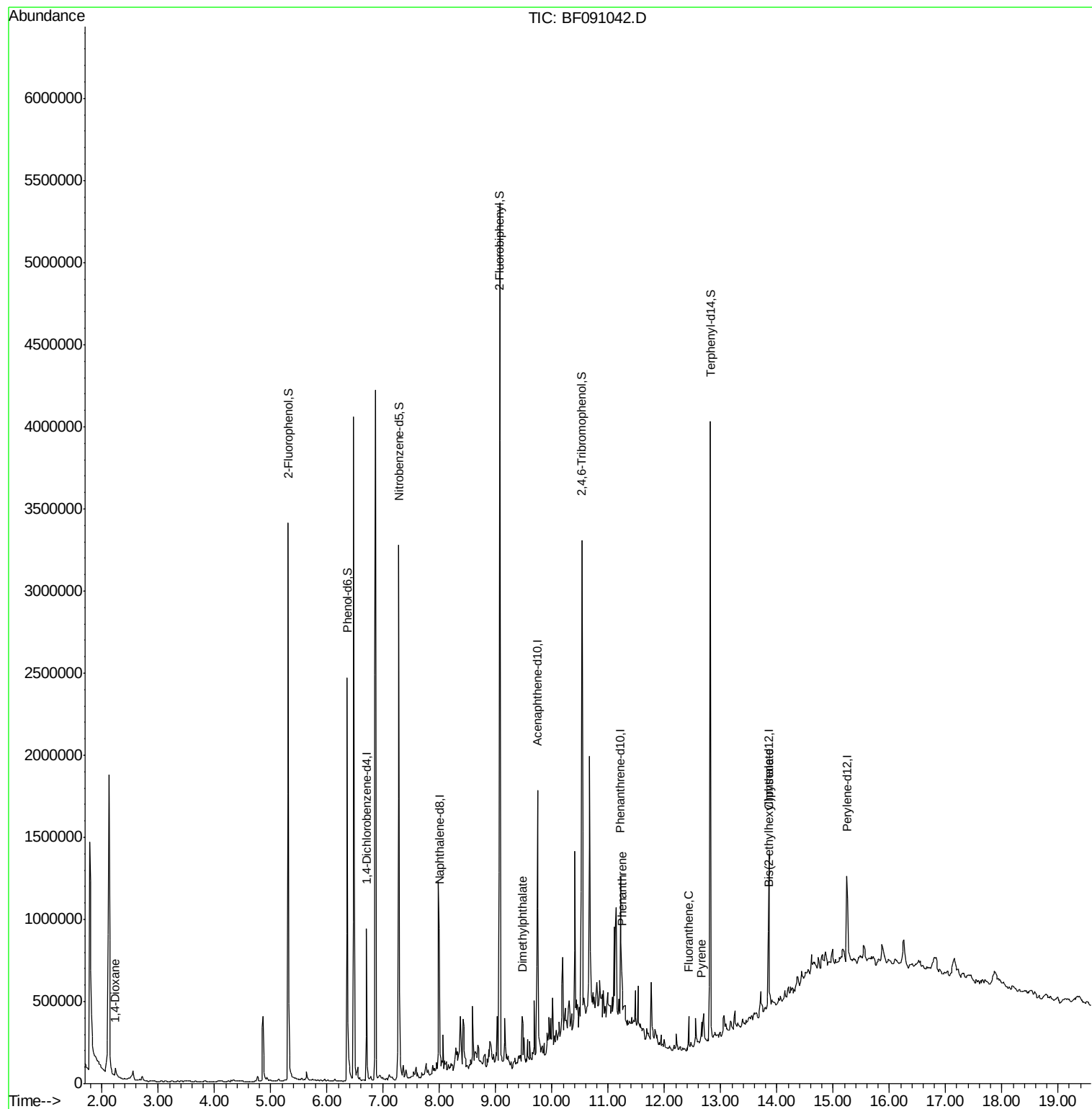
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	163214	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	636795	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	303561	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	368467	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	338223	20.00	ng	0.00
86) Perylene-d12	15.24	264	249657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1192774	120.70	ng	0.02
7) Phenol-d6	6.36	99	1047894	78.12	ng	0.01
23) Nitrobenzene-d5	7.28	82	1407277	120.55	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	478786	174.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2491862	141.32	ng	0.00
78) Terphenyl-d14	12.82	244	1770130	130.60	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	36341	6.43	ng	94
49) Dimethylphthalate	9.47	163	55396	2.78	ng	97
70) Phenanthrene	11.24	178	81608	4.17	ng	97
74) Fluoranthene	12.43	202	66802	3.29	ng	95
77) Pyrene	12.66	202	52504	2.37	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	46639	3.25	ng	96

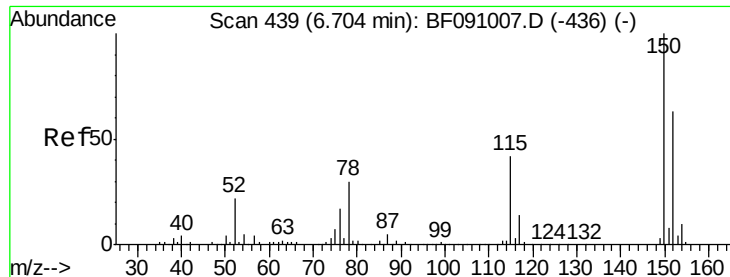
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091042.D

Acq: 5 Nov 2016 1:14

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0RE

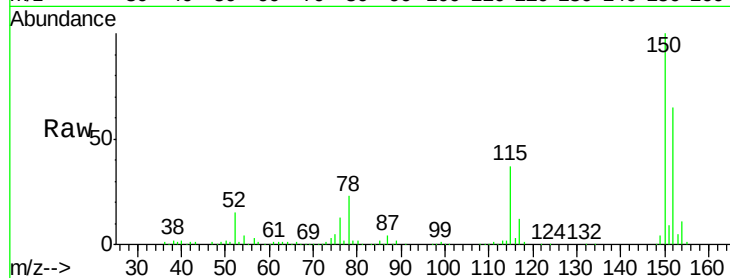
Tgt Ion:152 Resp: 163214

Ion Ratio Lower Upper

152 100

150 154.2 126.8 190.2

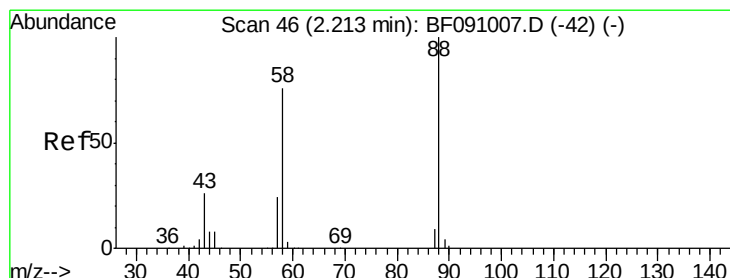
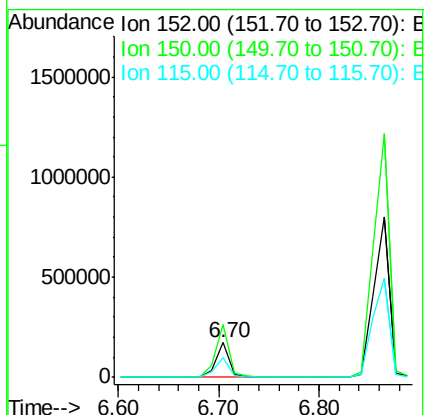
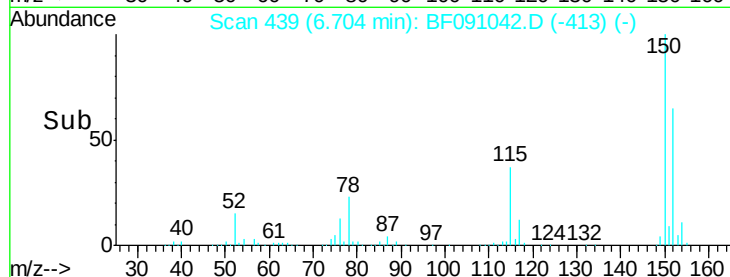
115 57.3 53.3 79.9



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



#2

1,4-Dioxane

Concen: 6.43 ng

RT: 2.24 min Scan# 48

Delta R.T. 0.02 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

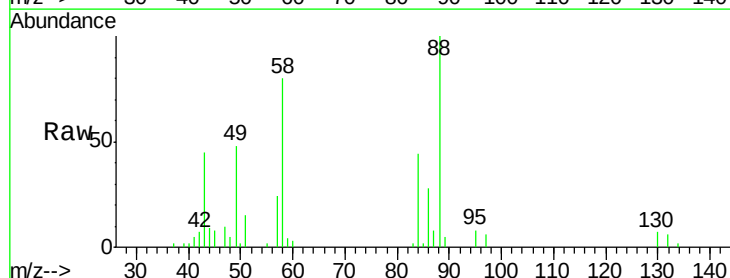
Tgt Ion: 88 Resp: 36341

Ion Ratio Lower Upper

88 100

58 73.8 63.8 95.6

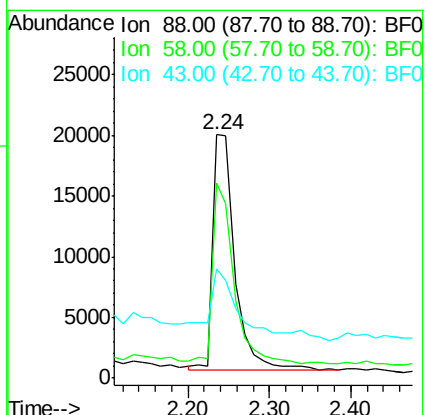
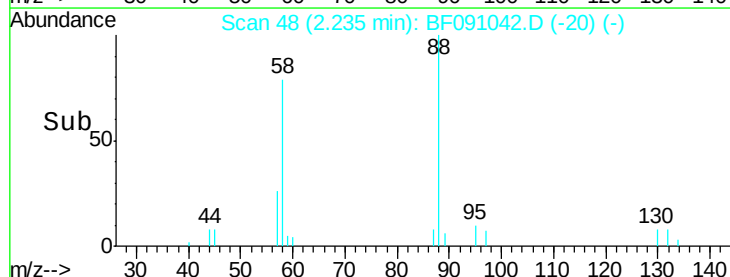
43 27.1 22.6 33.8

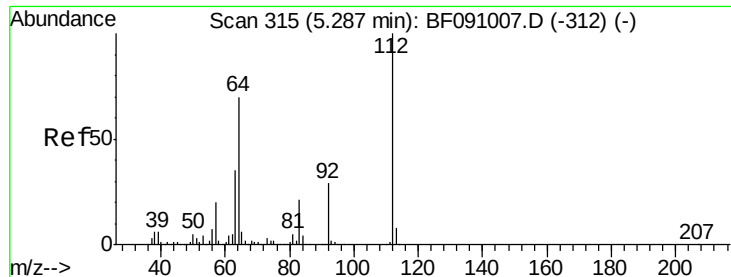


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 120.70 ng

RT: 5.31 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0RE

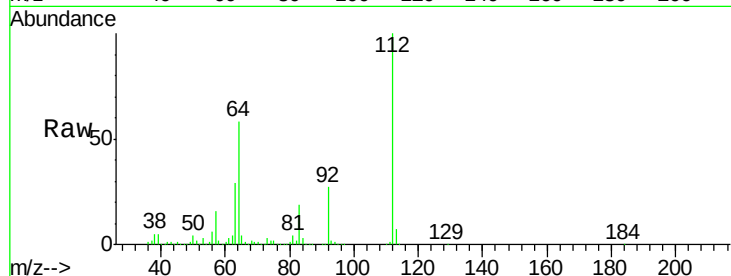
Tgt Ion:112 Resp: 1192774

Ion Ratio Lower Upper

112 100

64 57.7 55.8 83.6

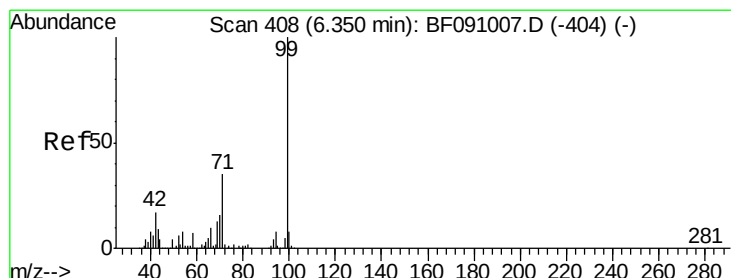
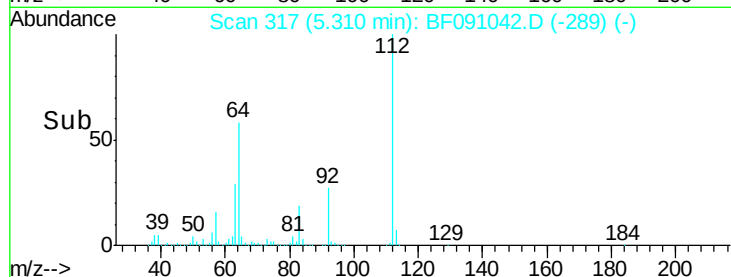
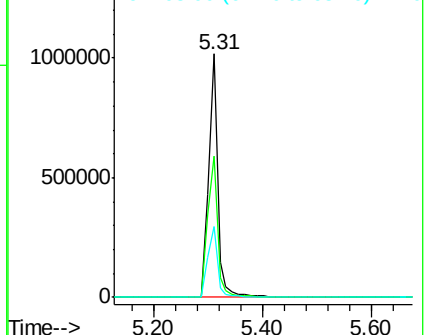
63 29.1 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 78.12 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

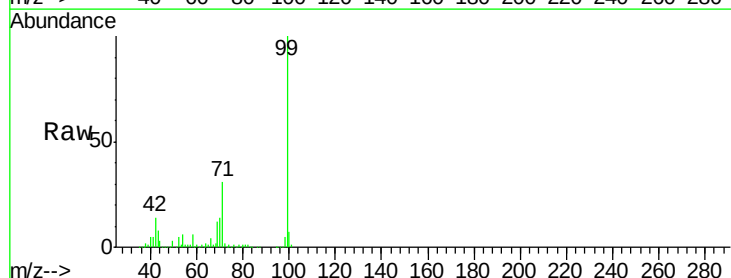
Tgt Ion: 99 Resp: 1047894

Ion Ratio Lower Upper

99 100

42 14.4 13.9 20.9

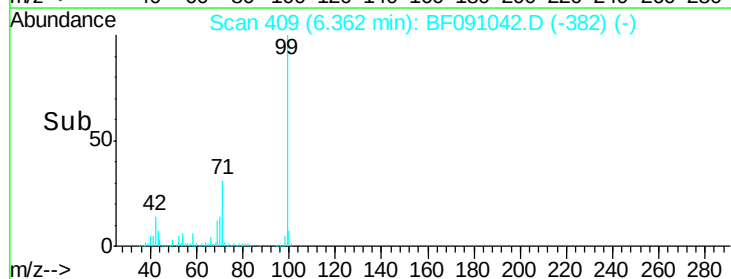
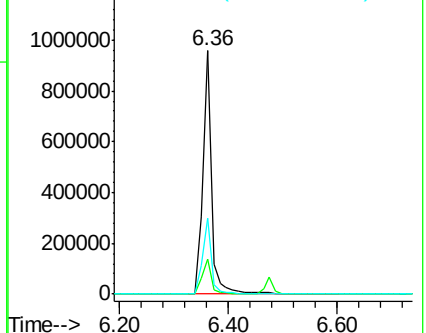
71 31.1 27.8 41.8

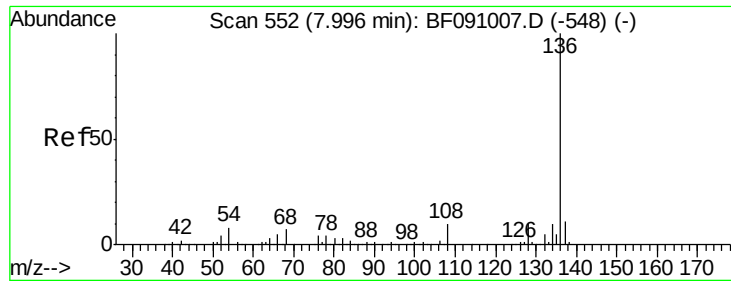


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0RE

Tgt Ion:136 Resp: 636795

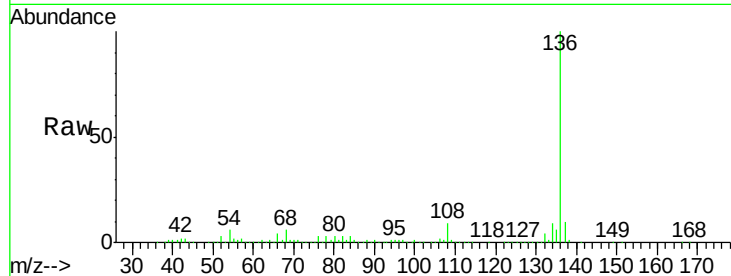
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.2 6.2 9.2#

68 5.7 5.5 8.3

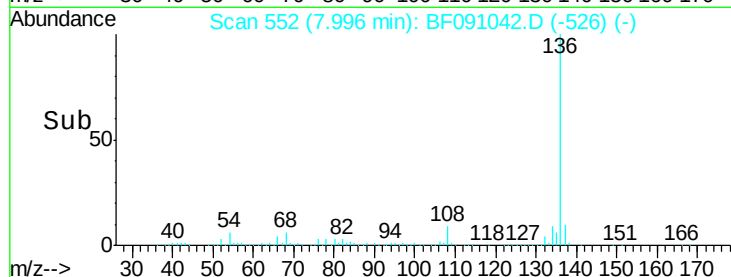


Abundance Ion 136.00 (135.70 to 136.70): E

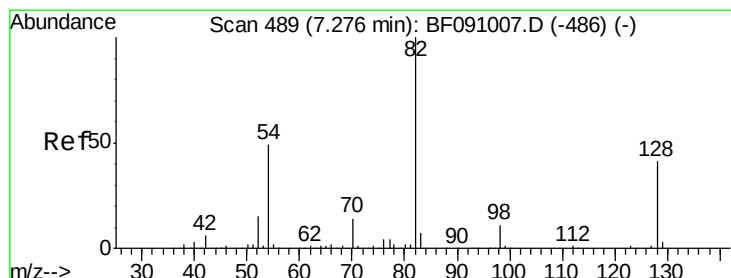
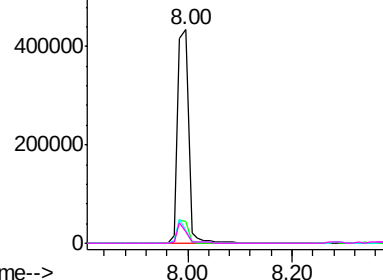
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 120.55 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

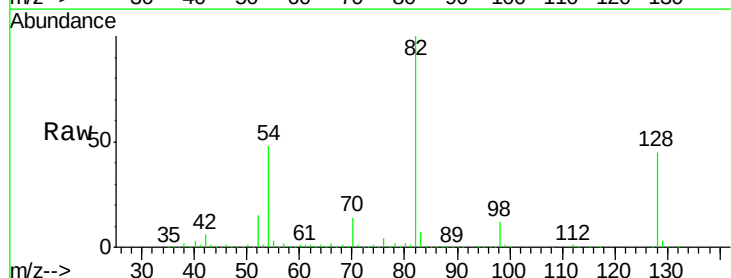
Tgt Ion: 82 Resp: 1407277

Ion Ratio Lower Upper

82 100

128 44.6 32.4 48.6

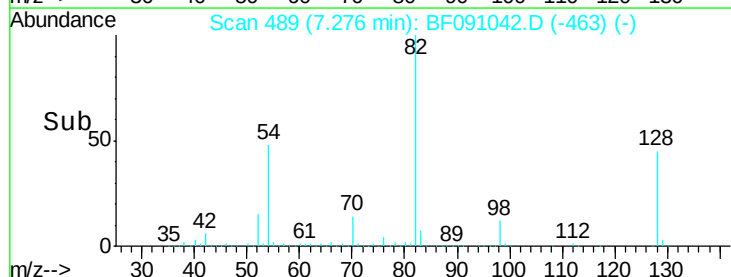
54 48.1 39.2 58.8



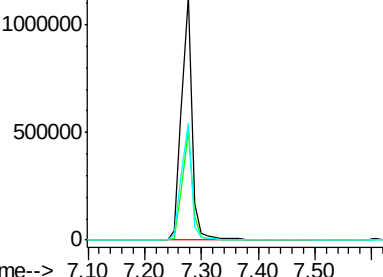
Abundance Ion 82.00 (81.70 to 82.70): BF0

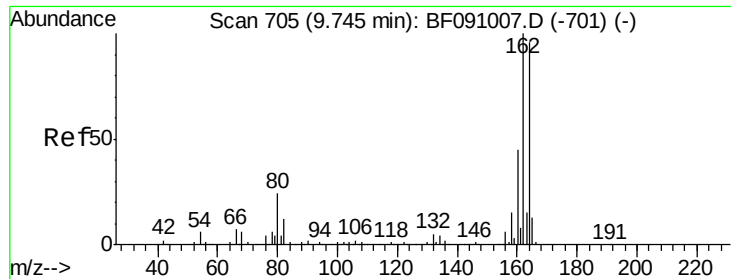
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

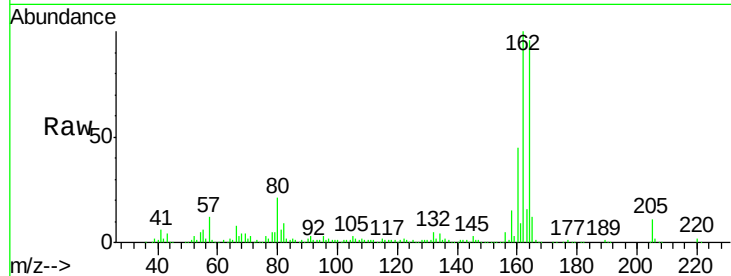




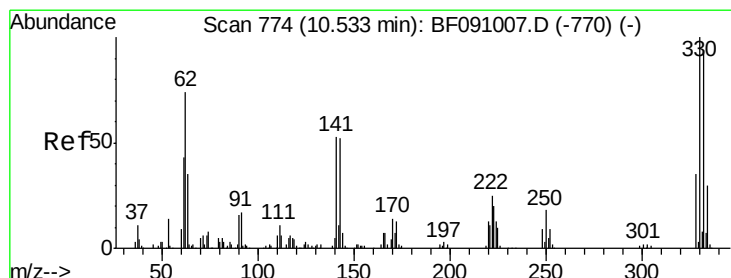
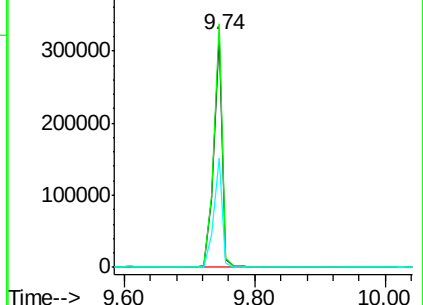
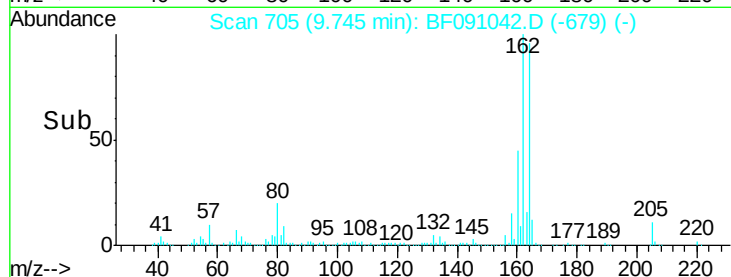
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF091042.D
 Acq: 5 Nov 2016 1:14

Instrument :
 BNA_F
 ClientSampleId :
 GW-92-9.95-23.0RE

Tgt Ion:164 Resp: 303561
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.6 125.4
 160 46.9 37.9 56.9

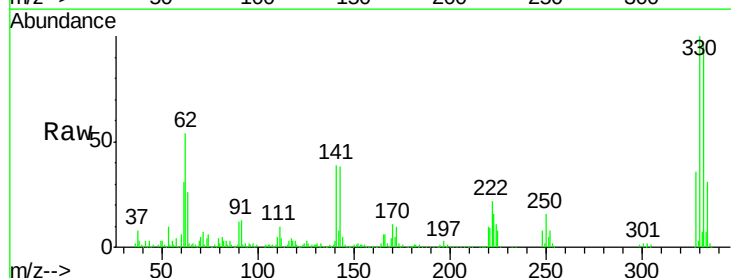


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

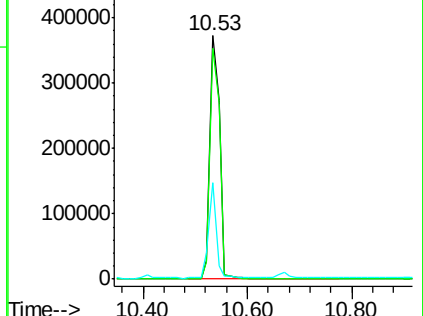
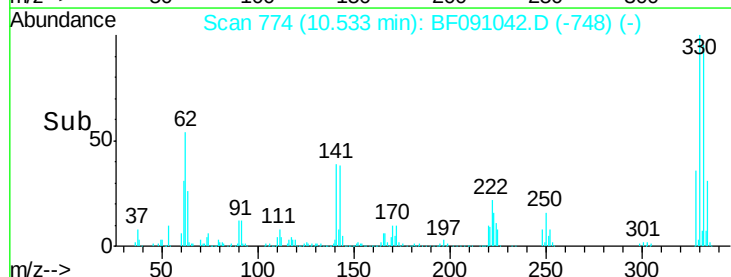


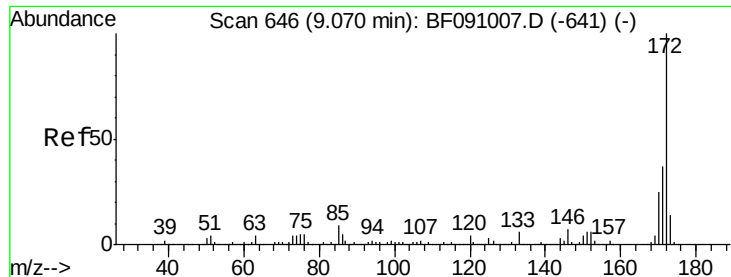
#41
 2,4,6-Tribromophenol
 Concen: 174.46 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091042.D
 Acq: 5 Nov 2016 1:14

Tgt Ion:330 Resp: 478786
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.9 113.9
 141 30.8 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

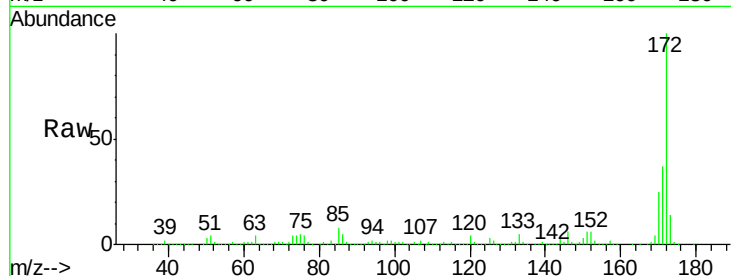




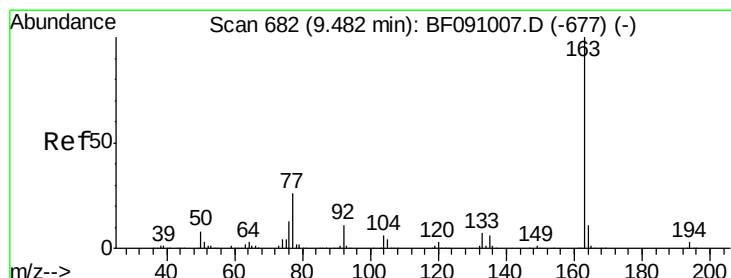
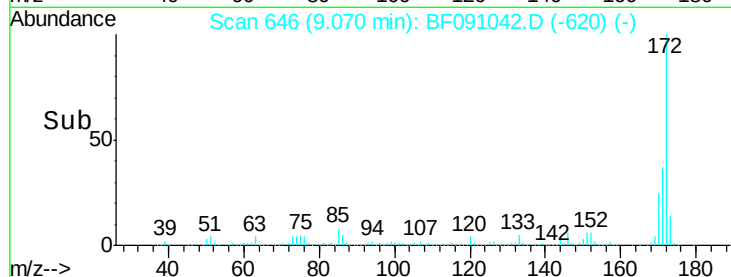
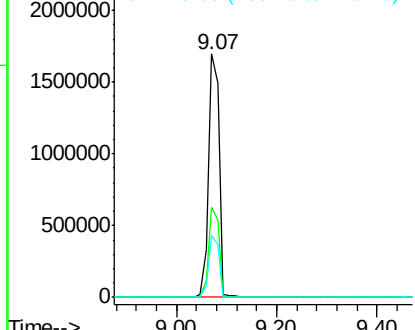
#44
 2-Fluorobiphenyl
 Concen: 141.32 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091042.D
 Acq: 5 Nov 2016 1:14

Instrument :
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 GW-92-9.95-23.0RE

Tgt Ion:172 Resp: 2491862
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.5 20.3 30.5

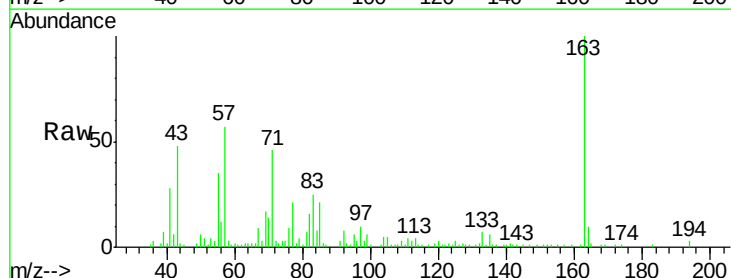


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

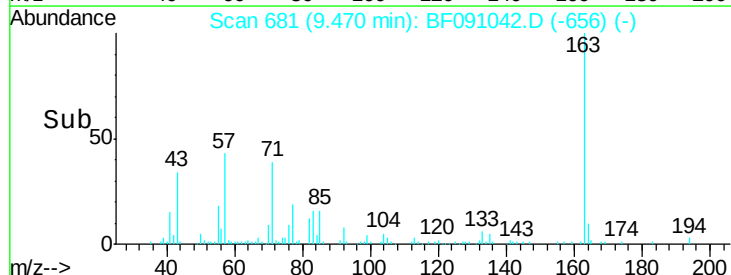
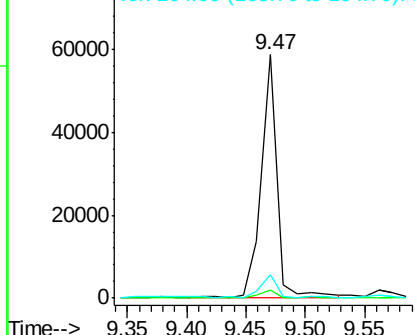


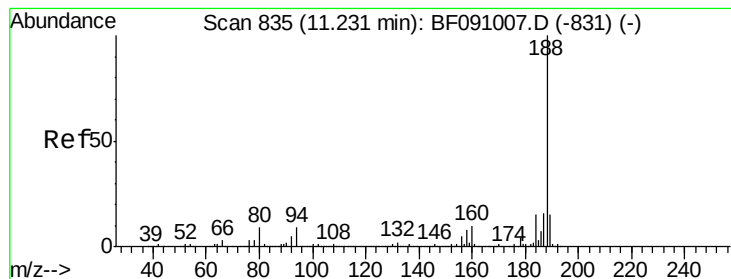
#49
 Dimethylphthalate
 Concen: 2.78 ng
 RT: 9.47 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF091042.D
 Acq: 5 Nov 2016 1:14

Tgt Ion:163 Resp: 55396
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0RE

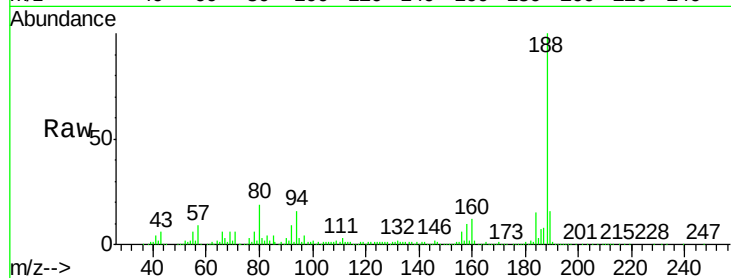
Tgt Ion:188 Resp: 368467

Ion Ratio Lower Upper

188 100

94 16.1 7.0 10.4#

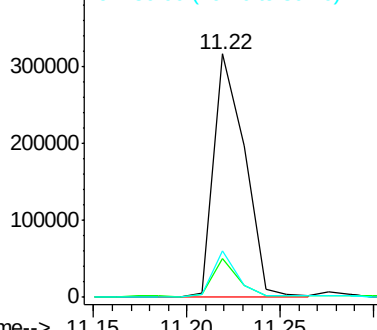
80 19.0 7.5 11.3#



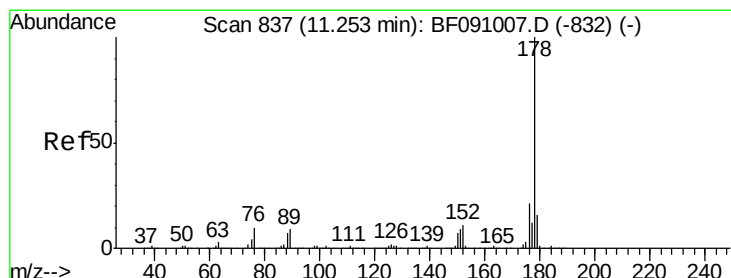
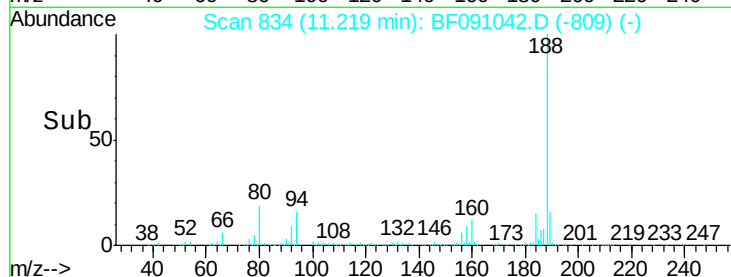
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.15 11.20 11.25



#70

Phenanthrene

Concen: 4.17 ng

RT: 11.24 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

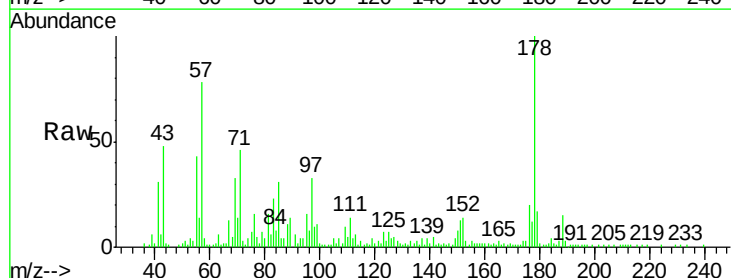
Tgt Ion:178 Resp: 81608

Ion Ratio Lower Upper

178 100

176 19.7 16.6 25.0

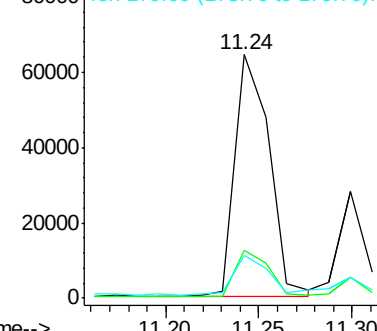
179 17.5 12.9 19.3



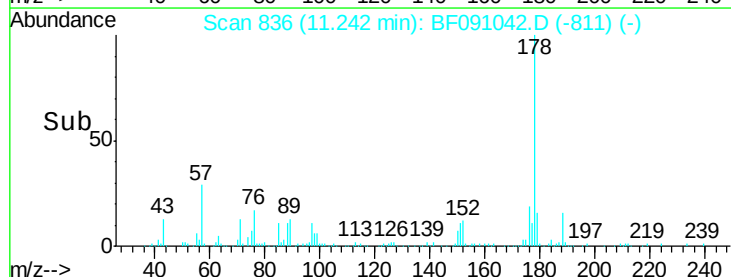
Abundance Ion 178.00 (177.70 to 178.70): E

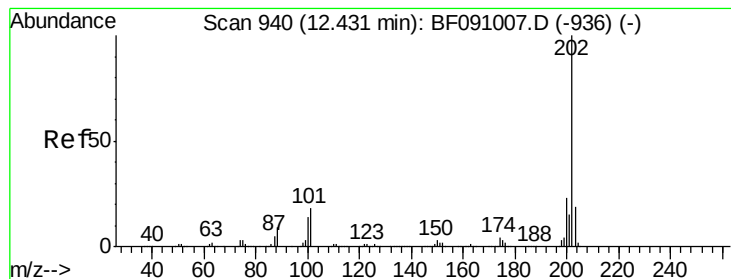
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.20 11.25 11.30





#74

Fluoranthene

Concen: 3.29 ng

RT: 12.43 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

Instrument :

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GW-92-9.95-23.0RE

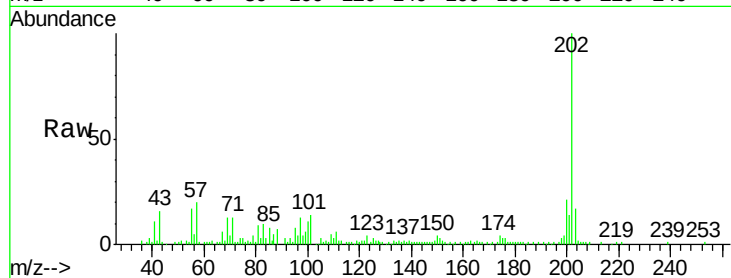
Tgt Ion:202 Resp: 66802

Ion Ratio Lower Upper

202 100

101 14.5 0.0 37.6

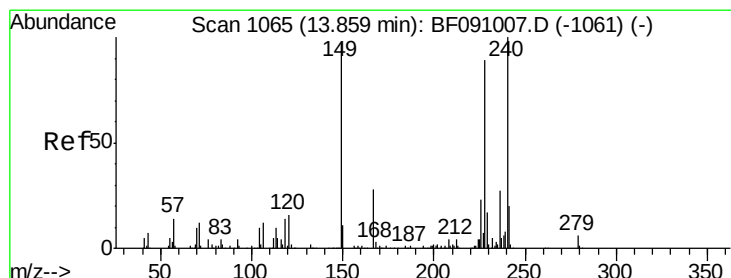
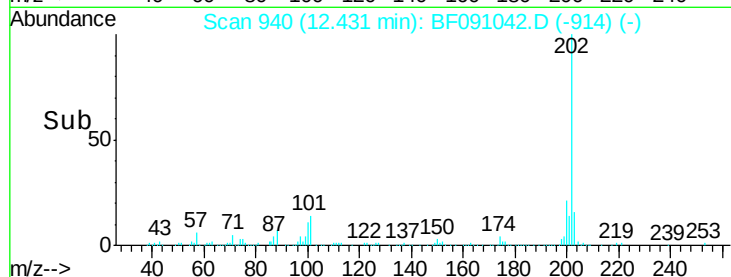
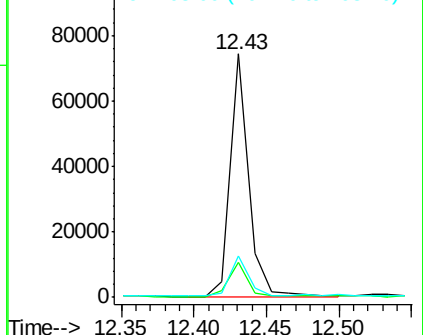
203 17.0 0.0 38.6



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: BF091042.D

Acq: 5 Nov 2016 1:14

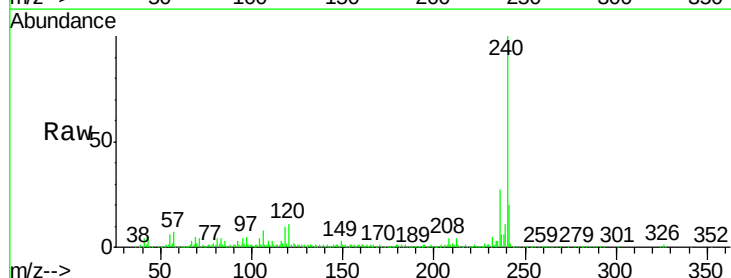
Tgt Ion:240 Resp: 338223

Ion Ratio Lower Upper

240 100

120 11.3 12.9 19.3#

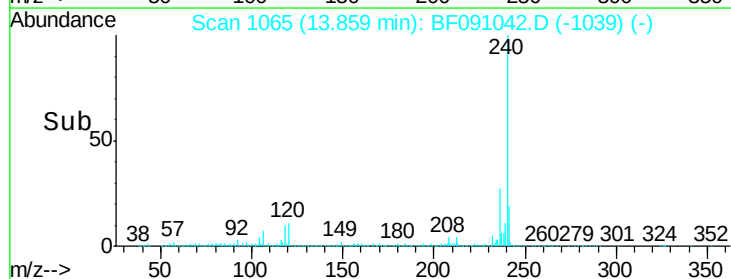
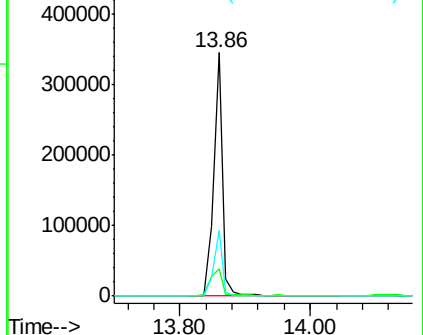
236 26.9 21.9 32.9

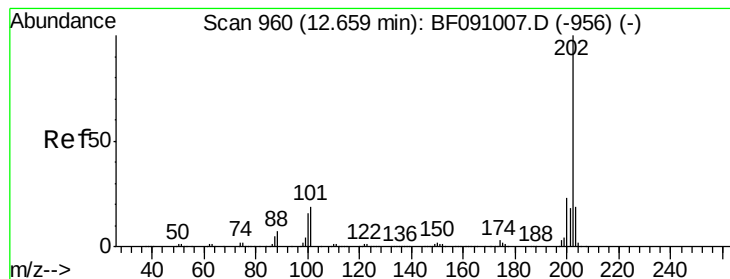


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.37 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

Instrument :

BNA_F

ClientSampleId :

GW-92-9.95-23.0RE

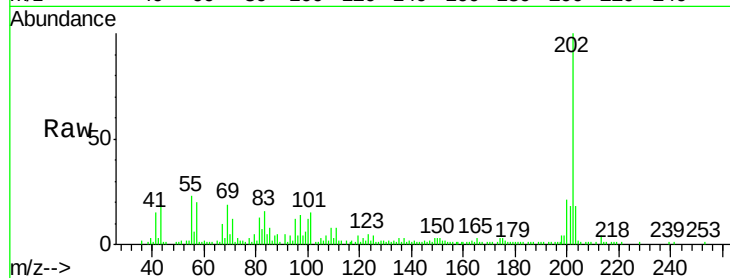
Tgt Ion:202 Resp: 52504

Ion Ratio Lower Upper

202 100

200 21.4 18.4 27.6

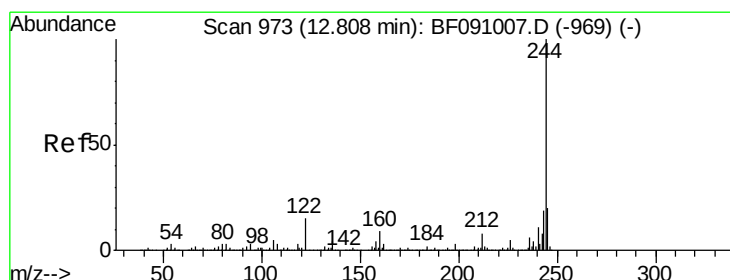
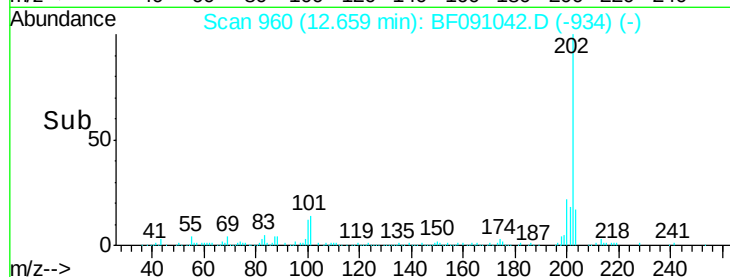
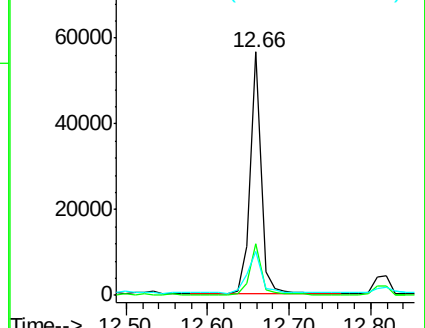
203 18.3 15.0 22.6



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: 130.60 ng

RT: 12.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091042.D

Acq: 5 Nov 2016 1:14

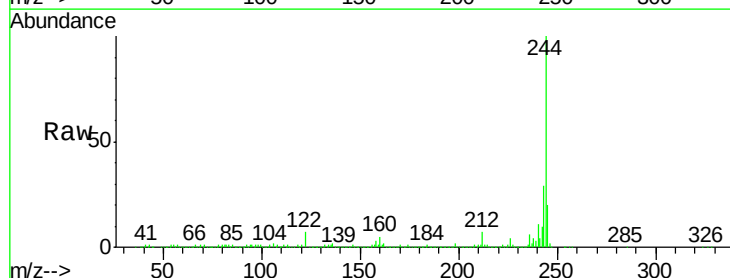
Tgt Ion:244 Resp: 1770130

Ion Ratio Lower Upper

244 100

212 6.5 6.4 9.6

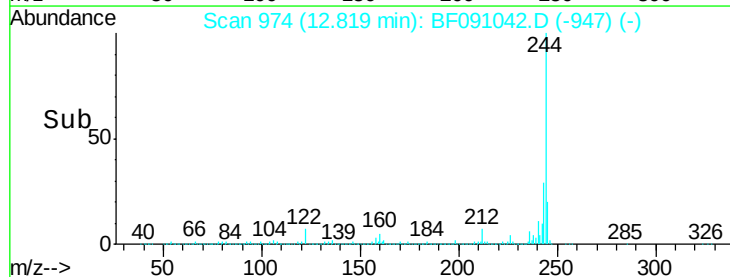
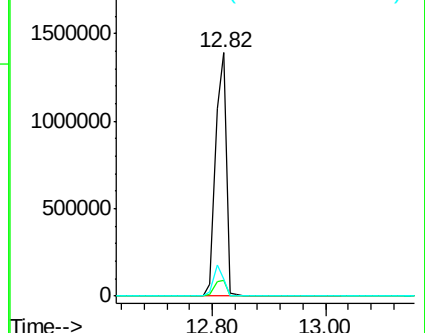
122 7.0 12.3 18.5#

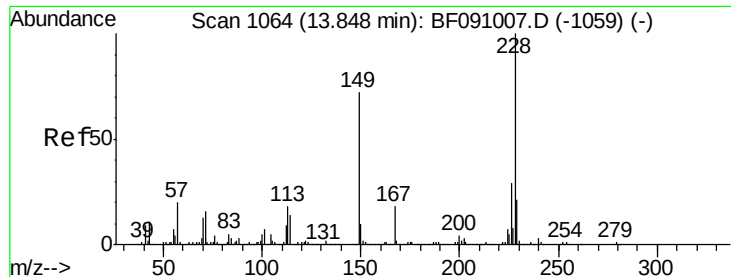


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

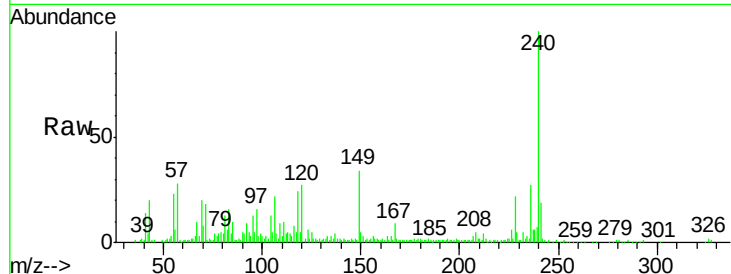




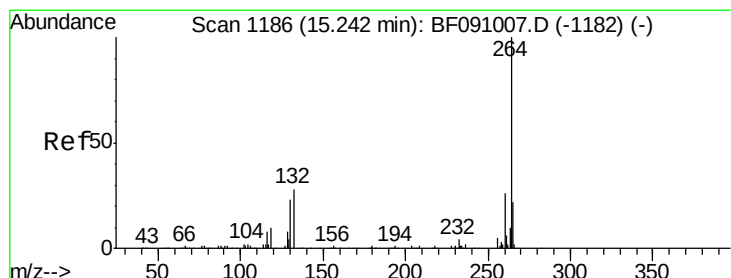
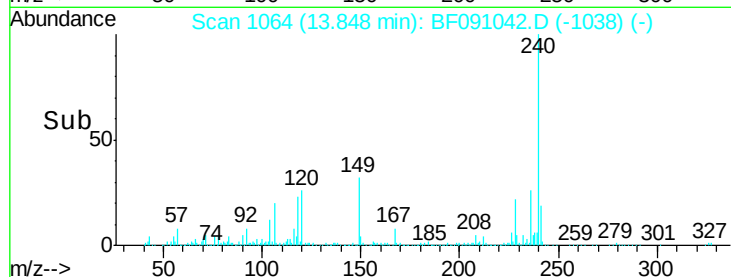
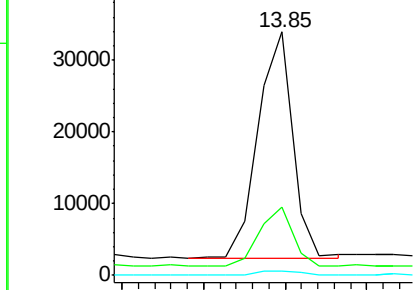
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.25 ng
 RT: 13.85 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF091042.D
 Acq: 5 Nov 2016 1:14

Instrument :
 BNA_F
 ClientSampleId :
 GW-92-9.95-23.0RE

Tgt Ion:149 Resp: 46639
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.4 30.6
 279 2.0 1.6 2.4

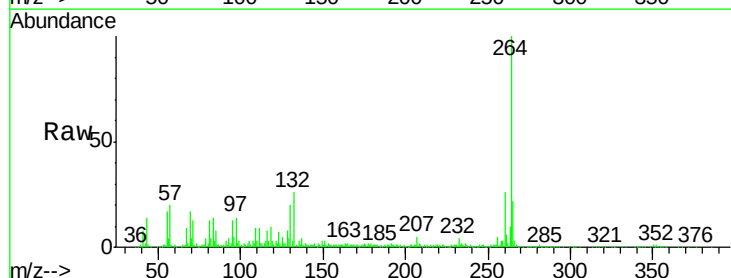


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF091042.D
 Acq: 5 Nov 2016 1:14

Tgt Ion:264 Resp: 249657
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 21.9 17.8 26.8



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

