

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091293.D
 Acq On : 23 Nov 2016 23:43
 Operator : UM/SJ
 Sample : H5740-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(5-6)

Quant Time: Nov 24 00:52:24 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

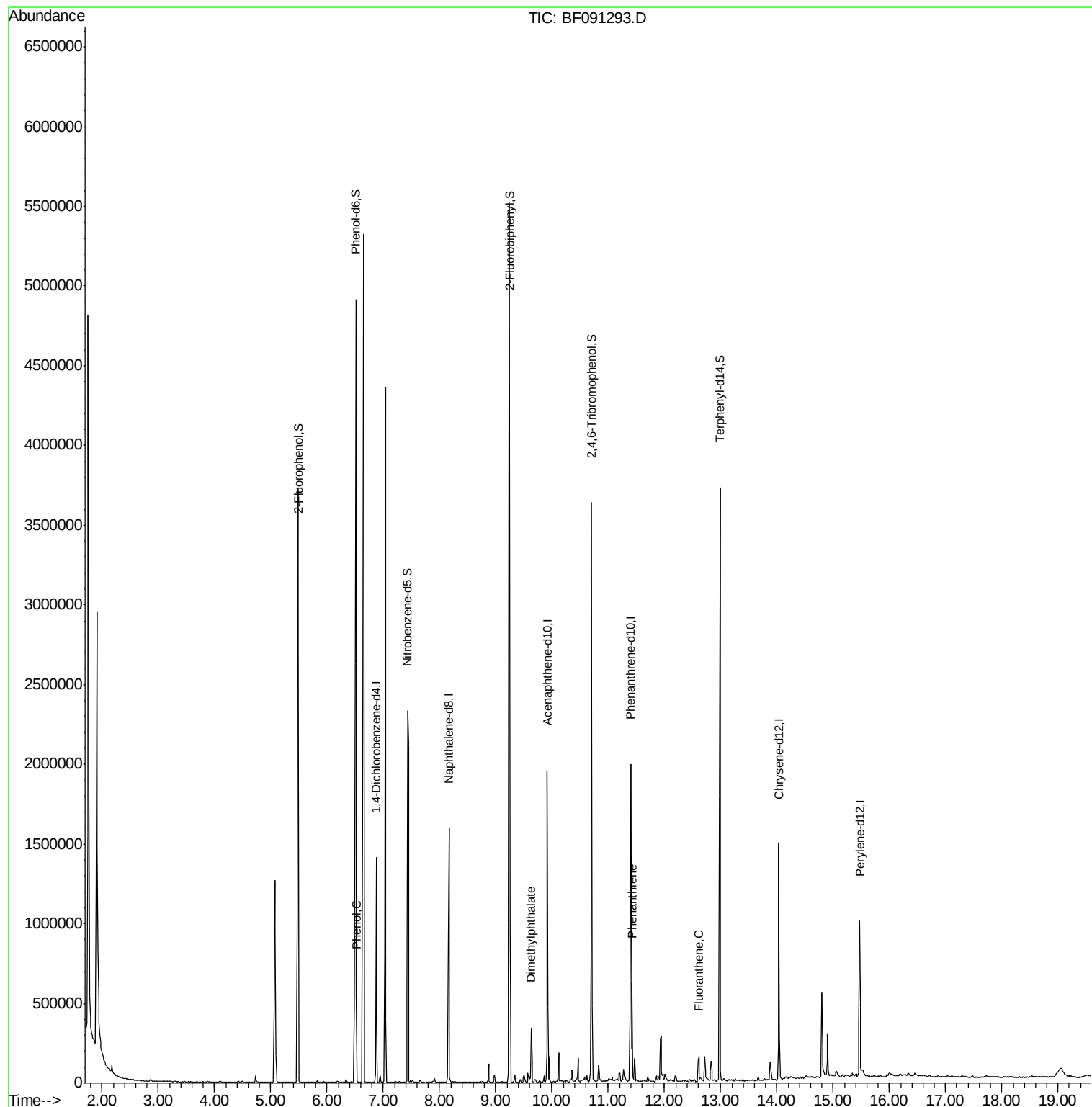
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197700	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	839049	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	431337	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	695808	20.00	ng	0.00
75) Chrysene-d12	14.03	240	492616	20.00	ng	-0.01
86) Perylene-d12	15.47	264	461645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1442280	117.21	ng	0.02
7) Phenol-d6	6.51	99	1748872	110.62	ng	0.01
23) Nitrobenzene-d5	7.44	82	1098095	75.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	419853	96.52	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1708201	64.85	ng	0.00
78) Terphenyl-d14	12.99	244	1328323	61.58	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	136289	7.73	ng	80
49) Dimethylphthalate	9.63	163	146760	5.45	ng	98
70) Phenanthrene	11.42	178	224605	6.22	ng	98
74) Fluoranthene	12.61	202	90721	2.47	ng	96

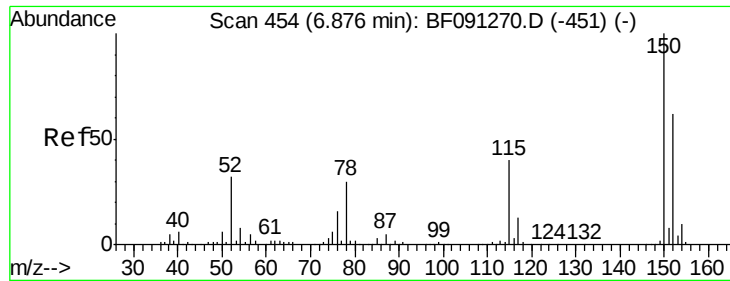
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

Instrument :

BNA_F

ClientSampleId :

SB-04(5-6)

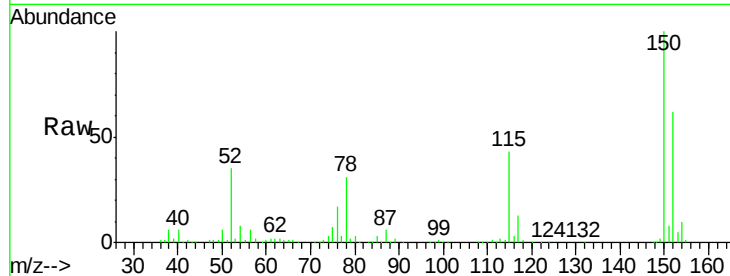
Tgt Ion:152 Resp: 197700

Ion Ratio Lower Upper

152 100

150 160.7 122.5 183.7

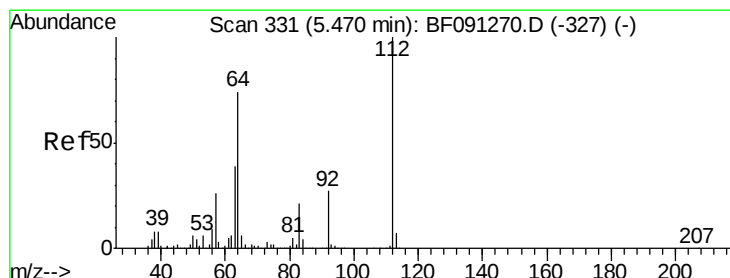
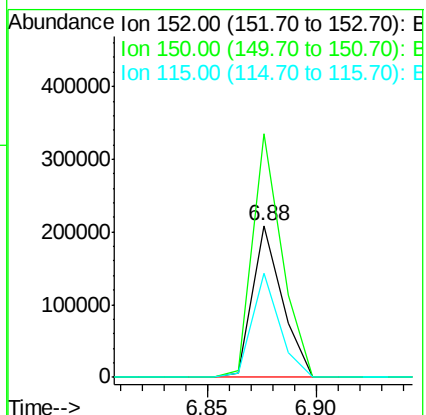
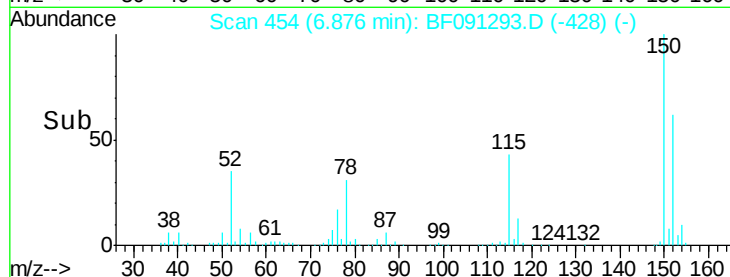
115 68.3 51.8 77.8



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: 117.21 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

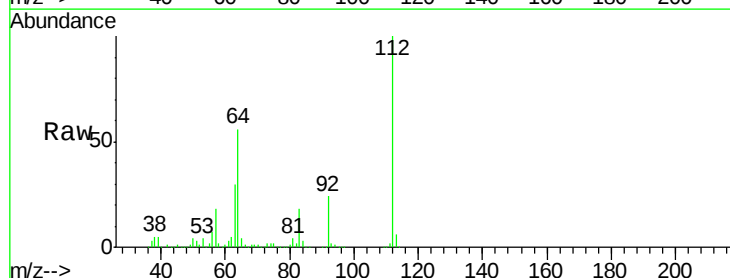
Tgt Ion:112 Resp: 1442280

Ion Ratio Lower Upper

112 100

64 55.7 61.5 92.3#

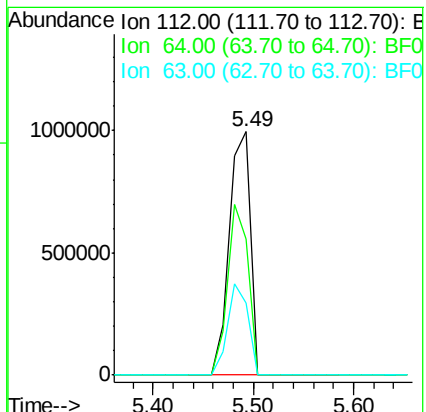
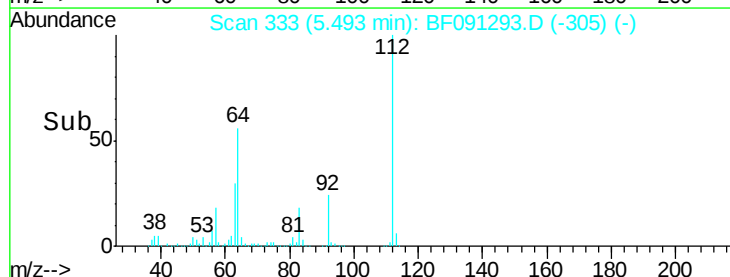
63 29.8 33.3 49.9#

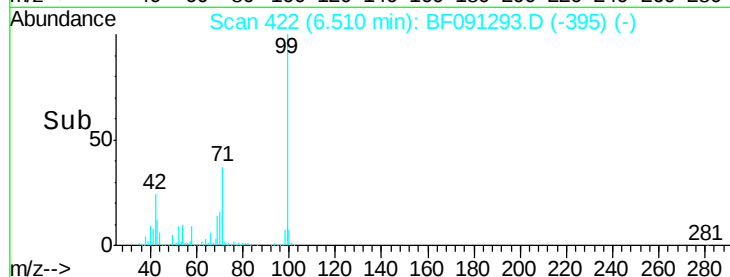
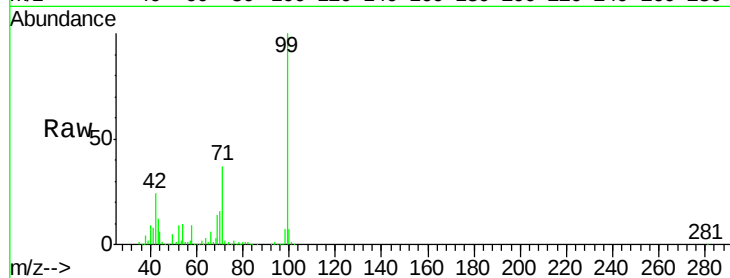
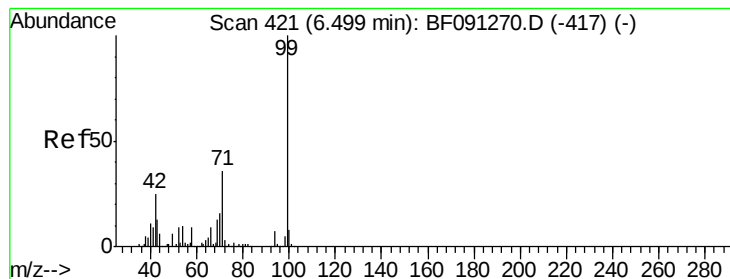


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.62 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

Instrument :

BNA_F

ClientSampleId :

SB-04(5-6)

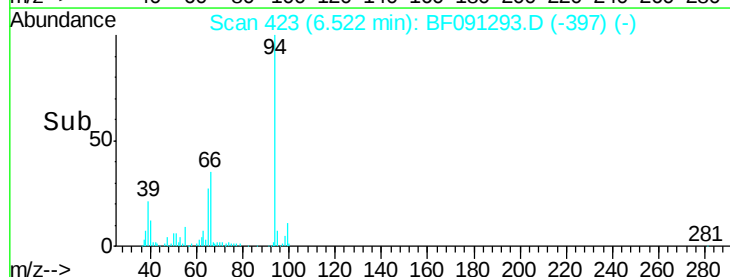
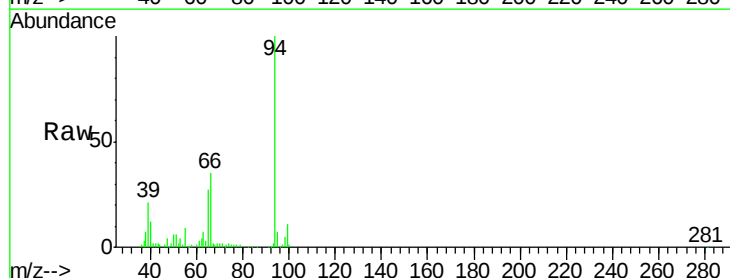
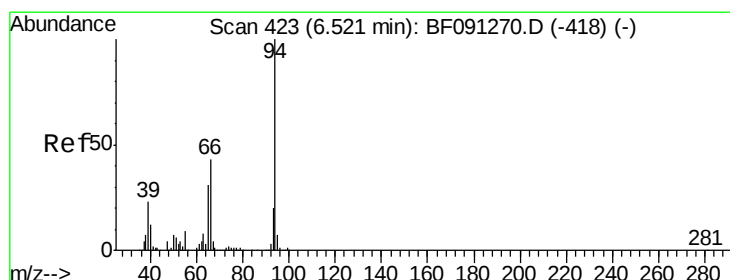
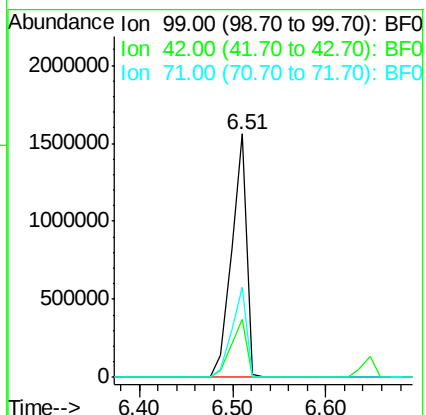
Tgt Ion: 99 Resp: 1748872

Ion Ratio Lower Upper

99 100

42 23.8 20.6 31.0

71 37.2 29.9 44.9



#10

Phenol

Concen: 7.73 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

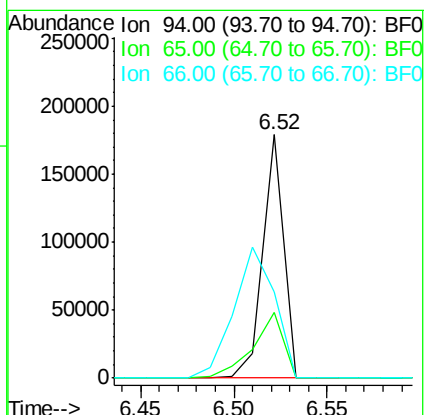
Tgt Ion: 94 Resp: 136289

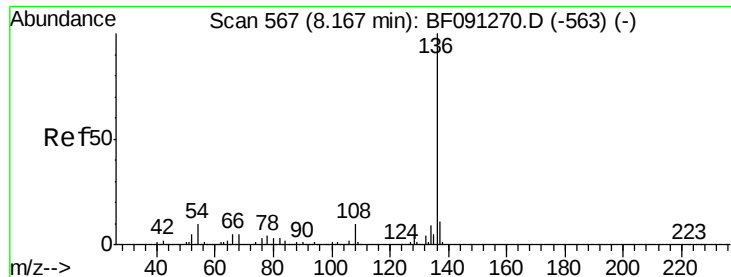
Ion Ratio Lower Upper

94 100

65 27.2 16.9 56.9

66 35.3 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

Instrument :

BNA_F

ClientSampleId :

SB-04(5-6)

Tgt Ion:136 Resp: 839049

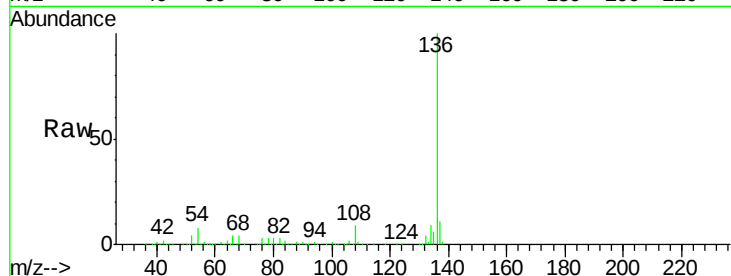
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.4 9.1 13.7#

68 4.4 5.9 8.9#

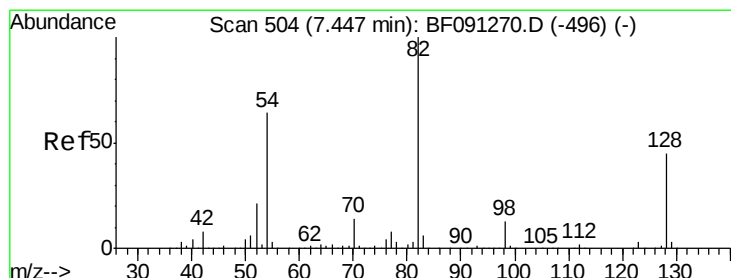
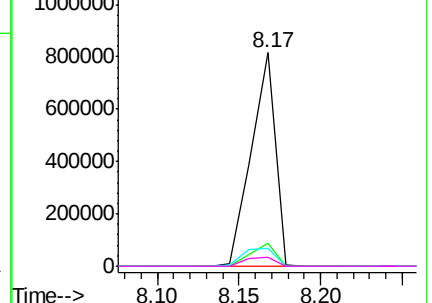
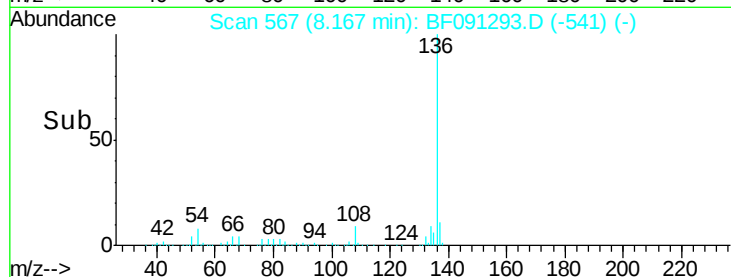


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.34 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

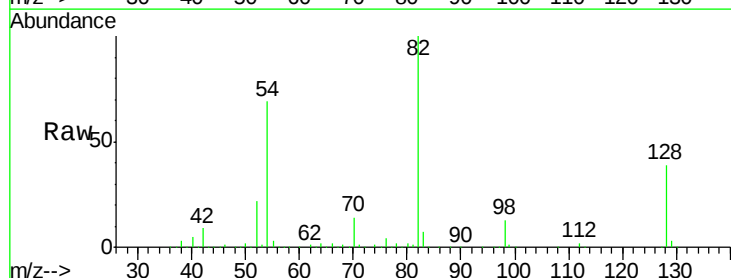
Tgt Ion: 82 Resp: 1098095

Ion Ratio Lower Upper

82 100

128 38.8 31.8 47.6

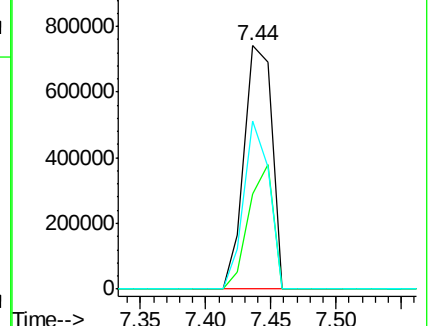
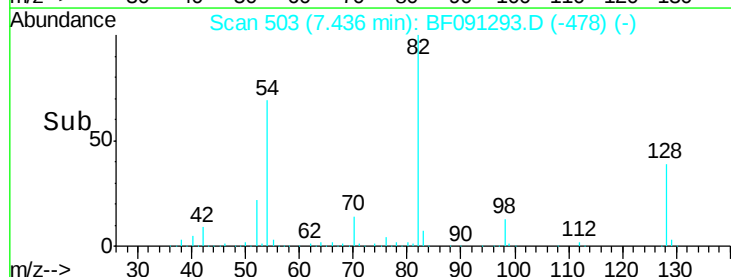
54 69.2 49.1 73.7

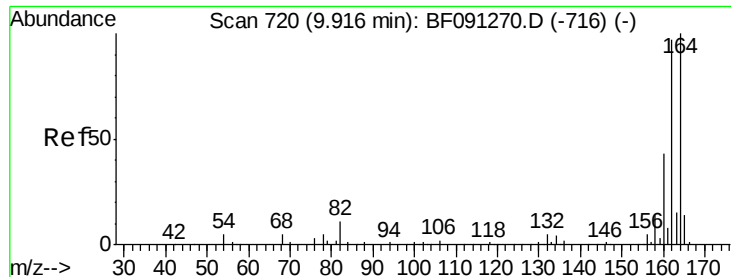


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

Instrument :

BNA_F

ClientSampleId :

SB-04(5-6)

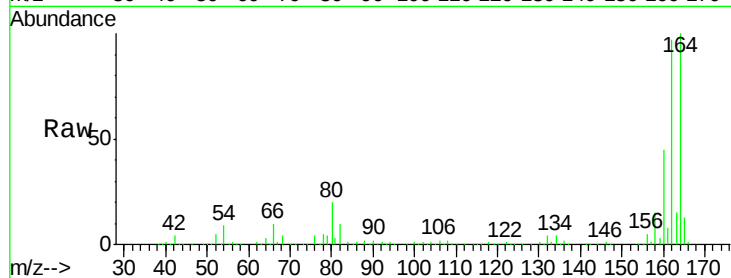
Tgt Ion:164 Resp: 431337

Ion Ratio Lower Upper

164 100

162 96.7 82.6 124.0

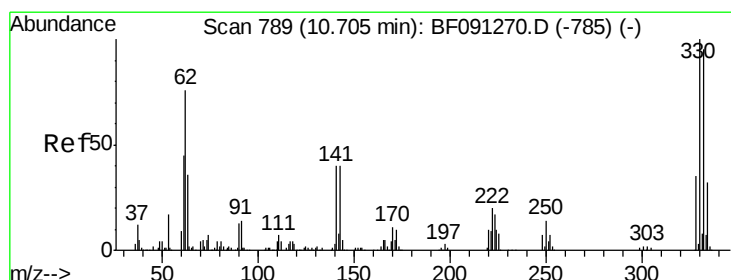
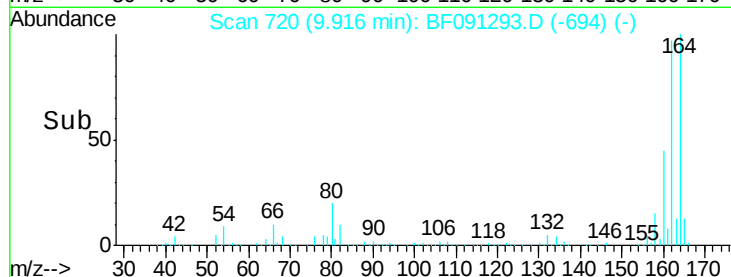
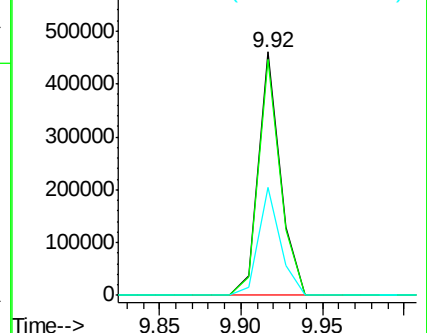
160 44.5 36.7 55.1



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: 96.52 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

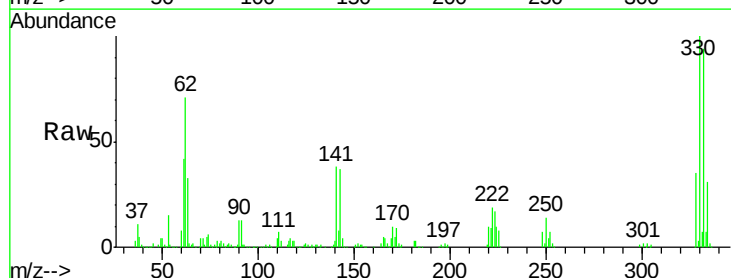
Tgt Ion:330 Resp: 419853

Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

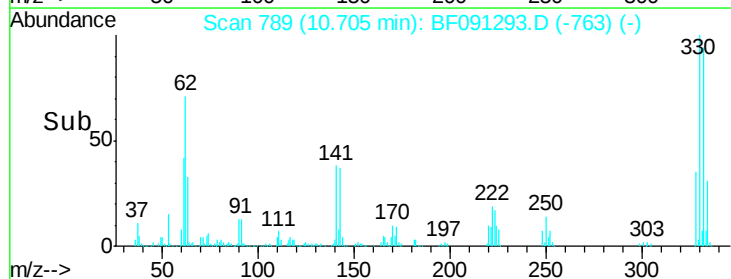
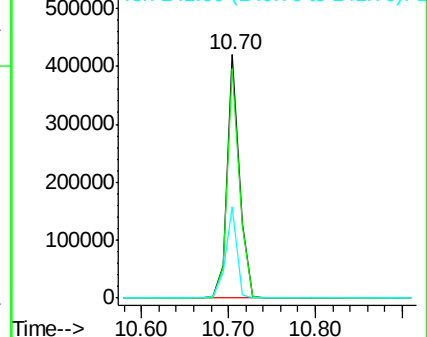
141 34.6 33.6 50.4

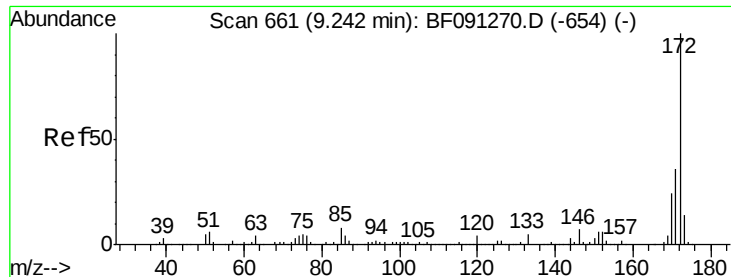


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

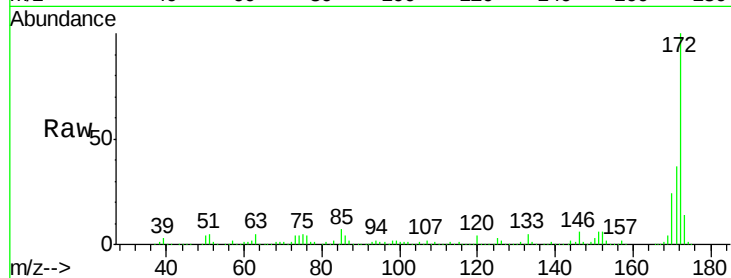




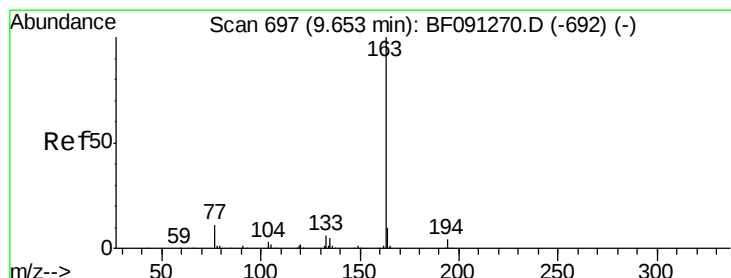
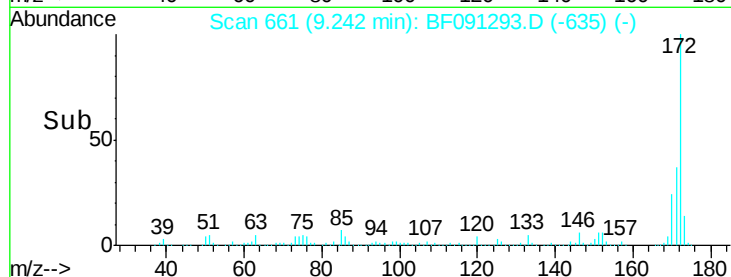
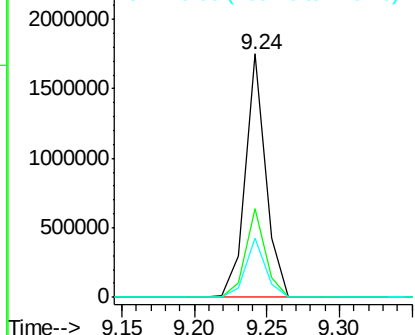
#44
 2-Fluorobiphenyl
 Concen: 64.85 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091293.D
 Acq: 23 Nov 2016 23:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(5-6)

Tgt Ion:172 Resp: 1708201
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 19.7 29.5

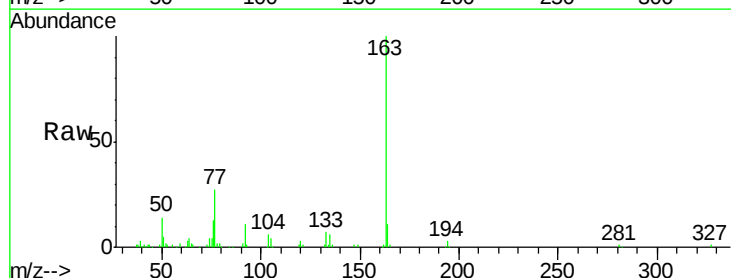


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

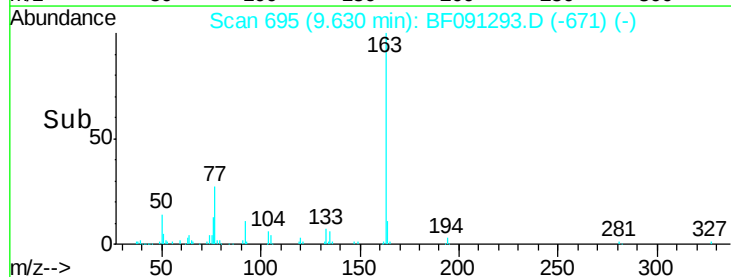
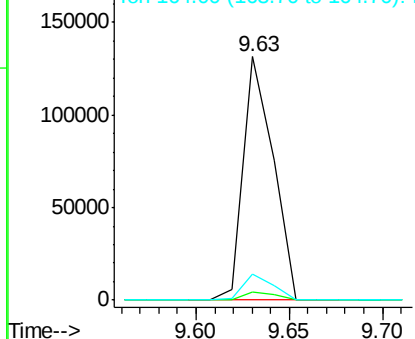


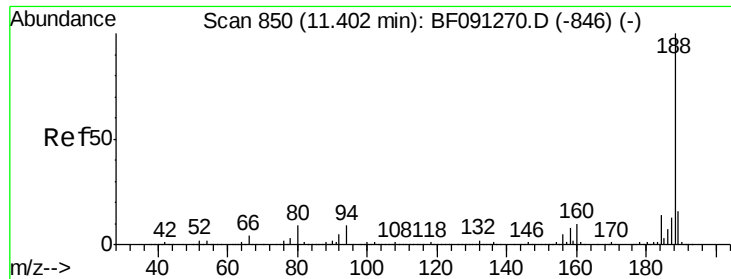
#49
 Dimethylphthalate
 Concen: 5.45 ng
 RT: 9.63 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF091293.D
 Acq: 23 Nov 2016 23:43

Tgt Ion:163 Resp: 146760
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 10.6 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

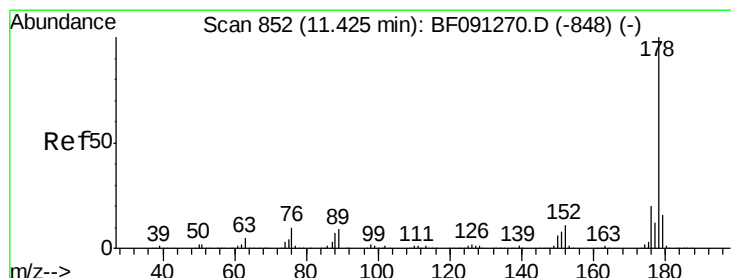
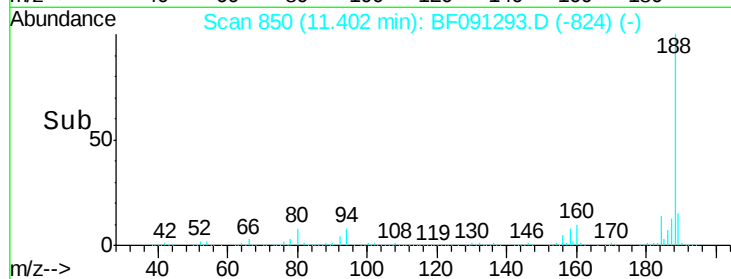
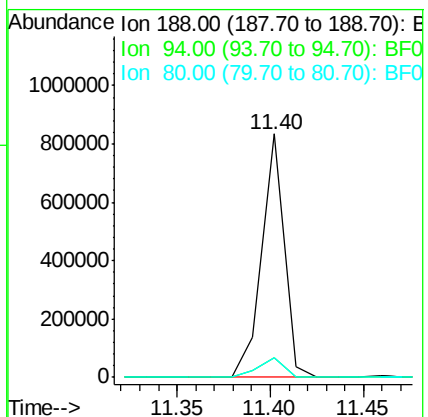
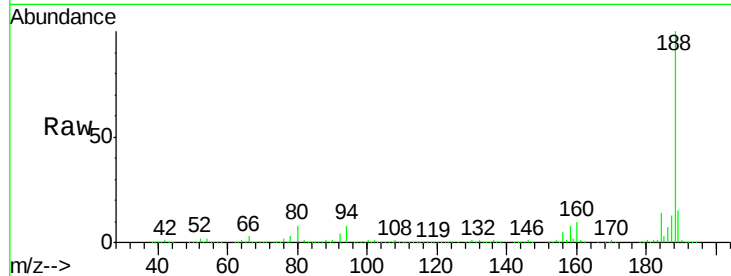




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091293.D
 Acq: 23 Nov 2016 23:43

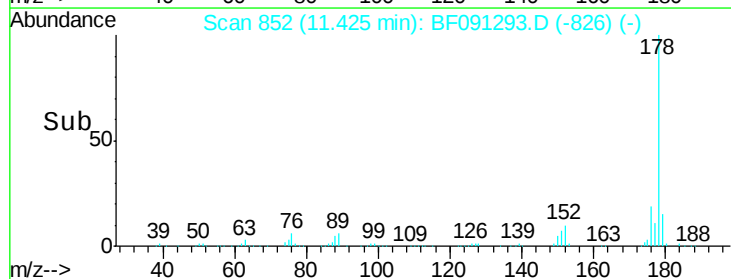
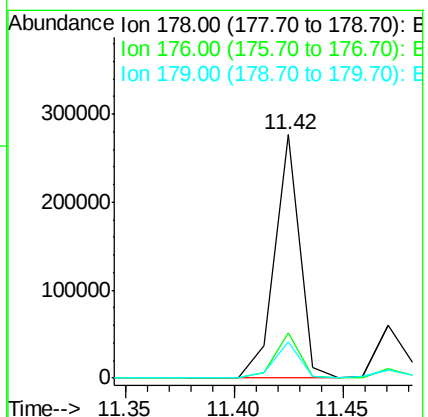
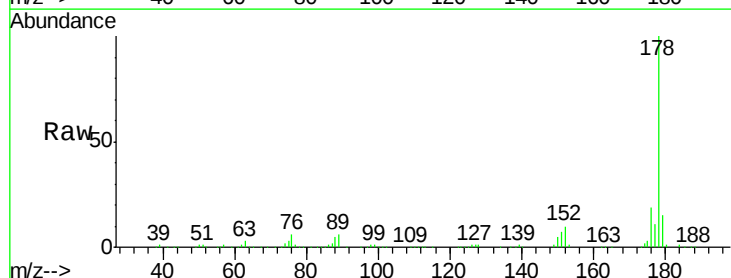
Instrument :
 BNA_F
 ClientSampled :
 SB-04(5-6)

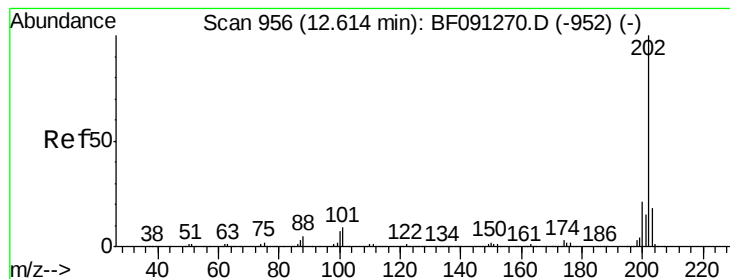
Tgt Ion:188 Resp: 695808
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.2 13.8#
 80 8.1 10.5 15.7#



#70
 Phenanthrene
 Concen: 6.22 ng
 RT: 11.42 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF091293.D
 Acq: 23 Nov 2016 23:43

Tgt Ion:178 Resp: 224605
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.9 23.9
 179 15.1 12.6 18.8





#74

Fluoranthene

Concen: 2.47 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

Instrument :

BNA_F

ClientSampleId :

SB-04(5-6)

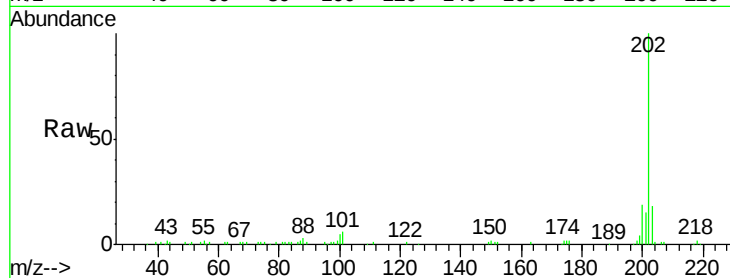
Tgt Ion:202 Resp: 90721

Ion Ratio Lower Upper

202 100

101 5.9 0.0 29.5

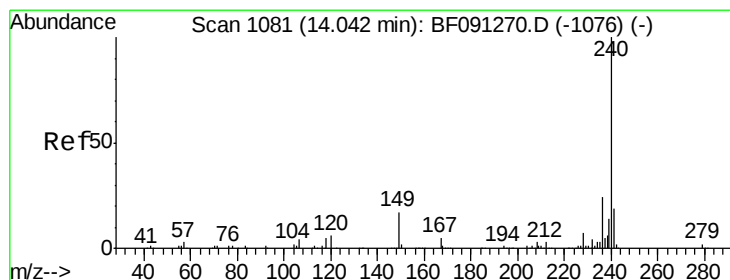
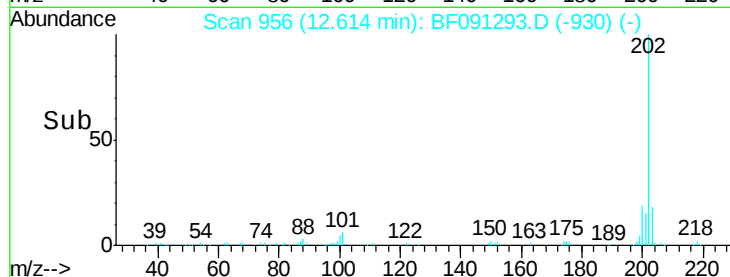
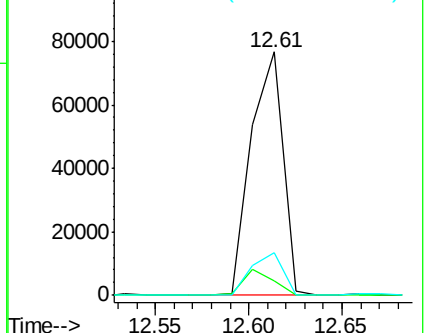
203 17.7 0.0 37.8



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: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

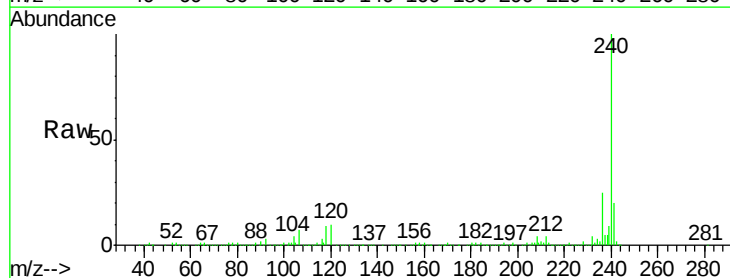
Tgt Ion:240 Resp: 492616

Ion Ratio Lower Upper

240 100

120 10.3 12.1 18.1#

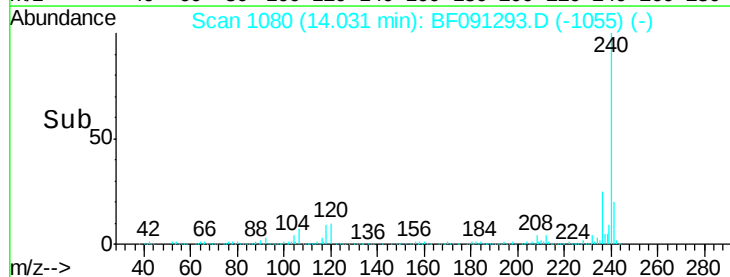
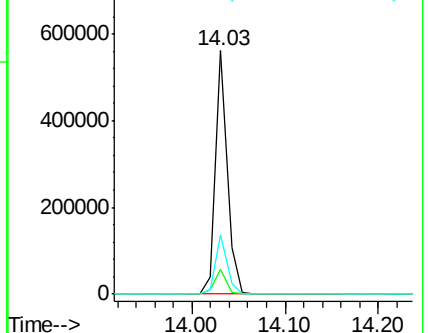
236 24.6 21.0 31.6

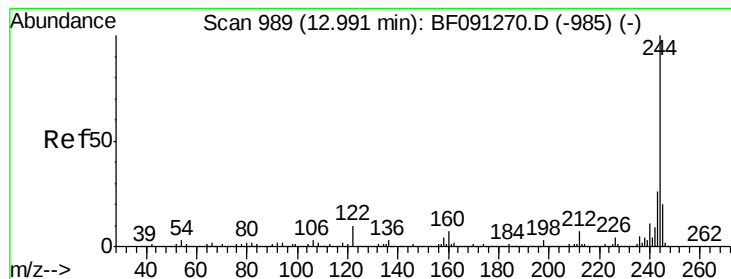


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.58 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

Instrument :

BNA_F

ClientSampleId :

SB-04(5-6)

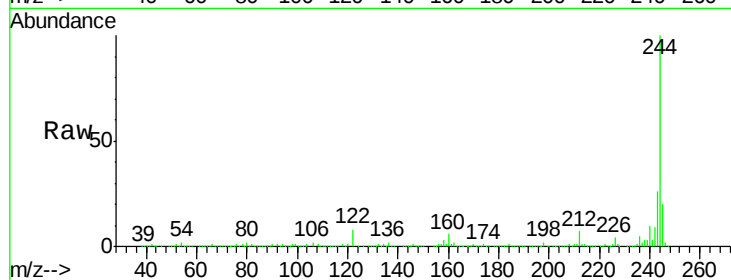
Tgt Ion:244 Resp: 1328323

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

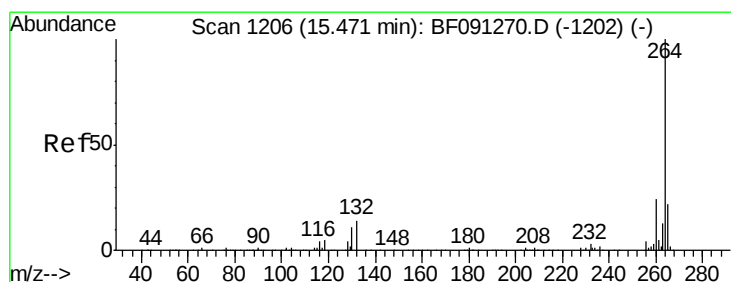
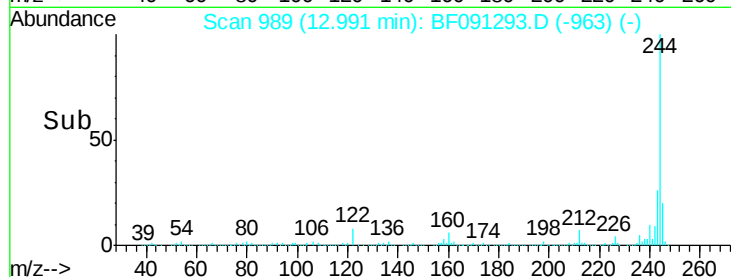
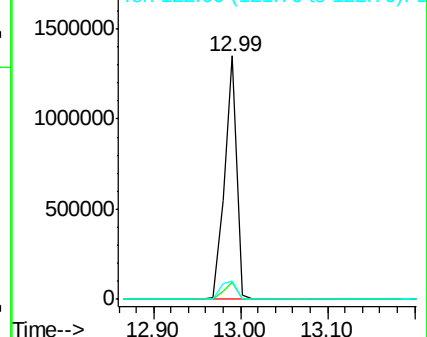
122 7.6 9.5 14.3#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF091293.D

Acq: 23 Nov 2016 23:43

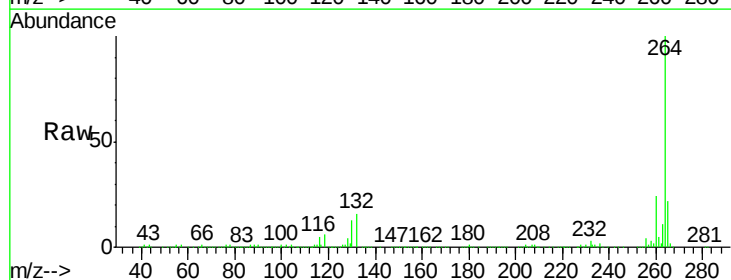
Tgt Ion:264 Resp: 461645

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.6 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

