

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091913.D
 Acq On : 23 Dec 2016 8:44
 Operator : UM/SJ
 Sample : H6182-06DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-52(0-1)-121916DL

Quant Time: Dec 23 16:27:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

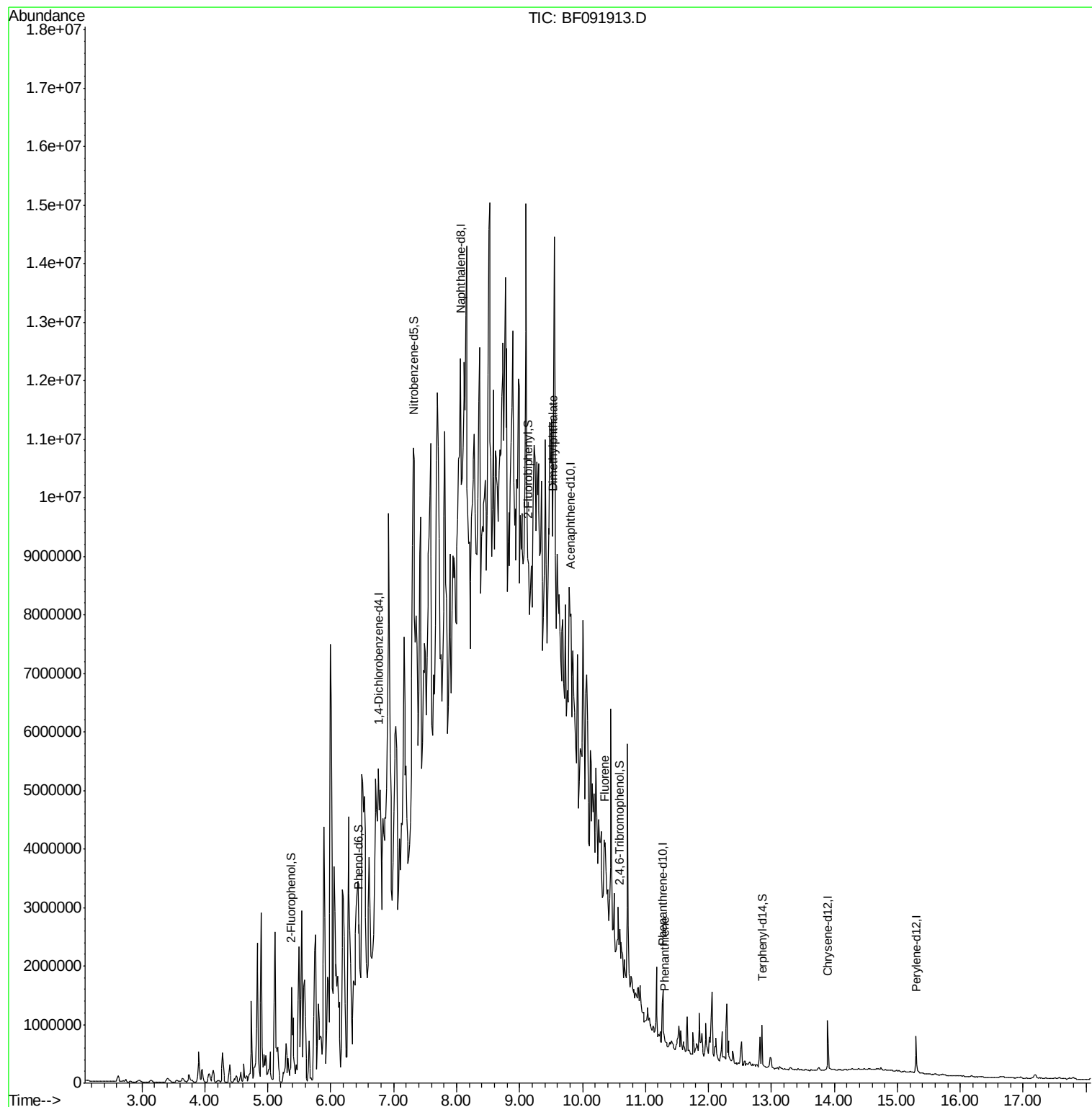
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	168608	20.00	ng	0.01
21) Naphthalene-d8	8.06	136	486640	20.00	ng	0.02
38) Acenaphthene-d10	9.81	164	256874	20.00	ng	0.02
63) Phenanthrene-d10	11.28	188	474850	20.00	ng	0.01
75) Chrysene-d12	13.89	240	353604	20.00	ng	-0.01
86) Perylene-d12	15.30	264	291290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	462848	45.84	ng	0.03
7) Phenol-d6	6.44	99	413315	33.52	ng	0.03
23) Nitrobenzene-d5	7.32	82	471760	53.91	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	59241	27.87	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	353579	18.04	ng	0.02
78) Terphenyl-d14	12.85	244	315655	21.65	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.80	142	2589392	Below Cal		Qvalue 99
49) Dimethylphthalate	9.53	163	96651	5.88 ng	#	57
57) Fluorene	10.35	166	147007	10.30 ng	#	89
70) Phenanthrene	11.30	178	93552	3.63 ng	#	95

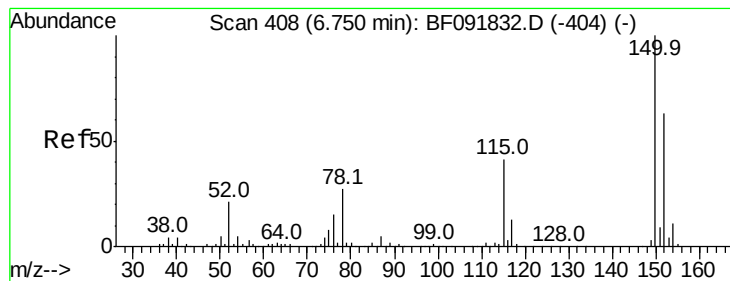
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 16:17:51 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916DL

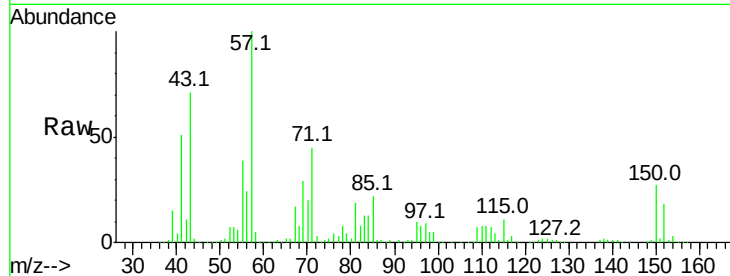
Tot Ion:152 Resp: 168608

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

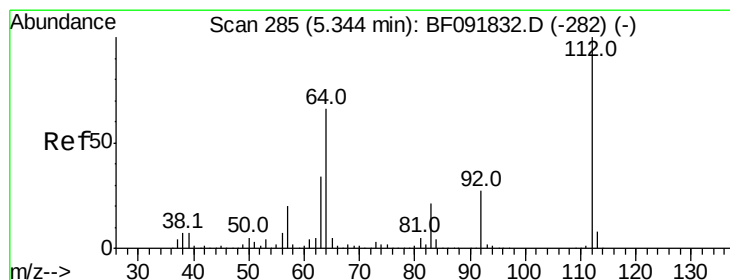
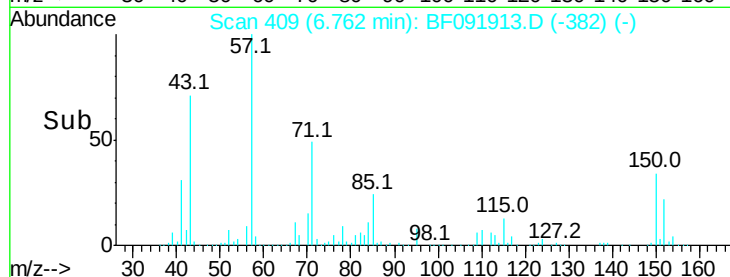
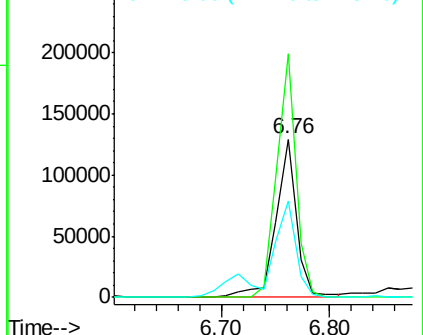
115 60.5 46.0 69.0



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: 45.84 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

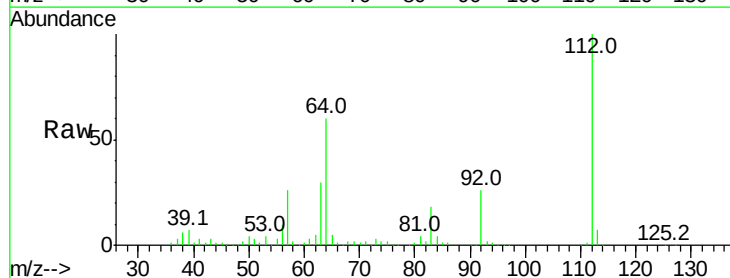
Tgt Ion:112 Resp: 462848

Ion Ratio Lower Upper

112 100

64 60.5 46.1 69.1

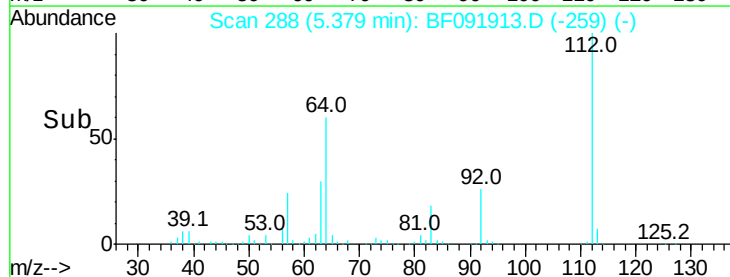
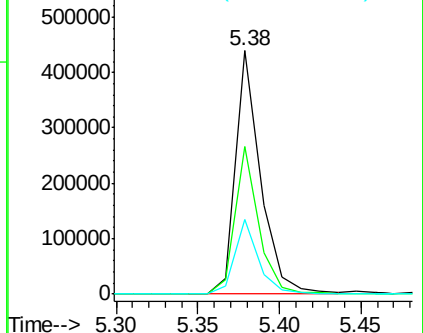
63 30.4 23.8 35.6

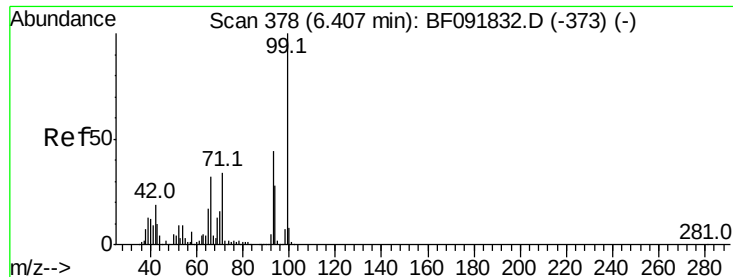


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.52 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916DL

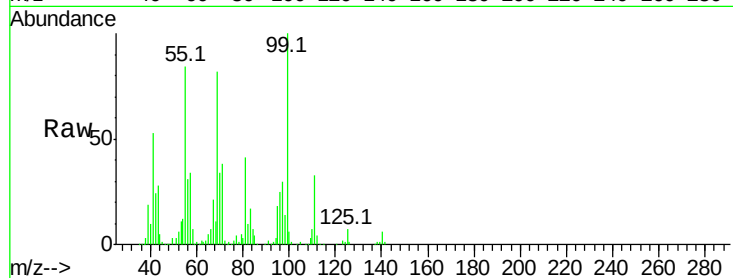
Tot Ion: 99 Resp: 413315

Ion Ratio Lower Upper

99 100

42 23.6 15.6 23.4#

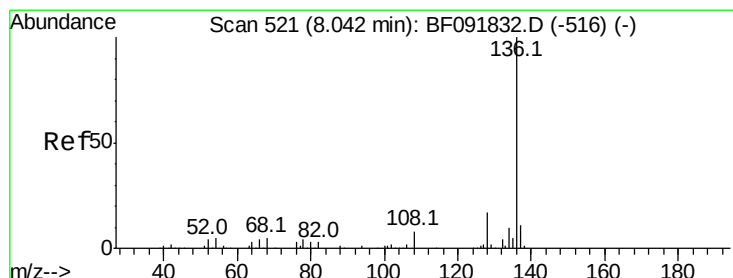
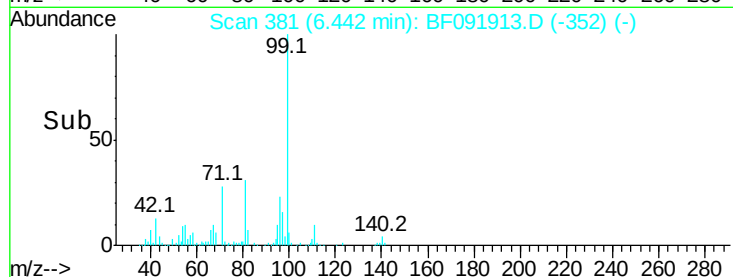
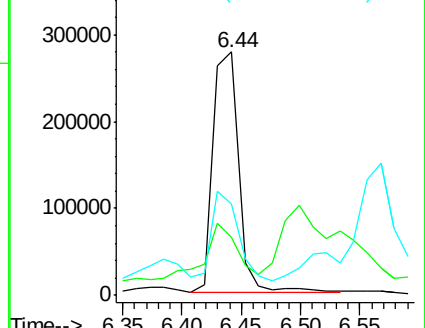
71 37.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.02 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

Tgt Ion: 136 Resp: 486640

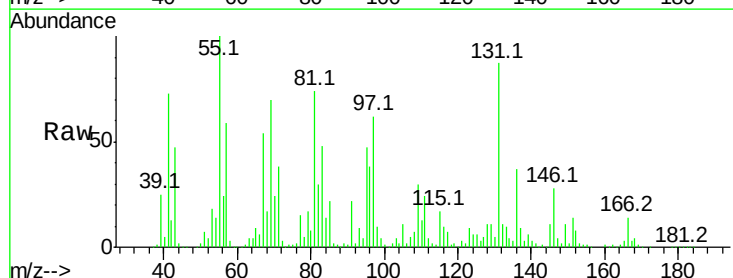
Ion Ratio Lower Upper

136 100

137 23.2 8.4 12.6#

54 36.4 4.5 6.7#

68 47.0 3.6 5.4#

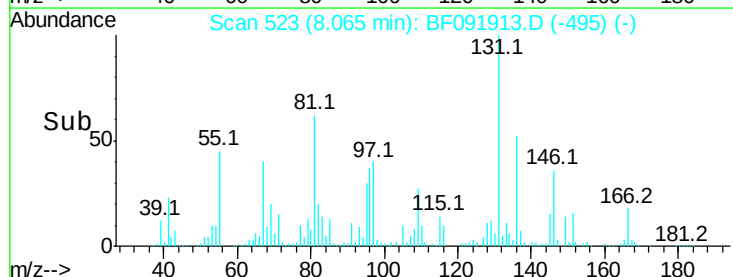
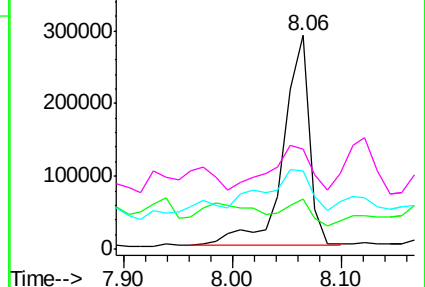


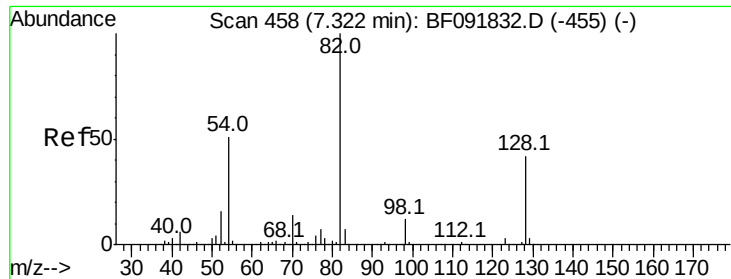
Abundance Ion 136.00 (135.70 to 136.70): E

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

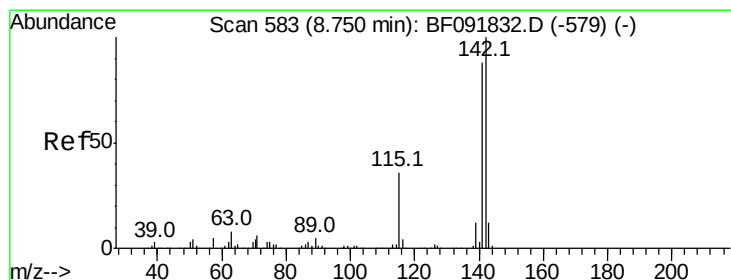
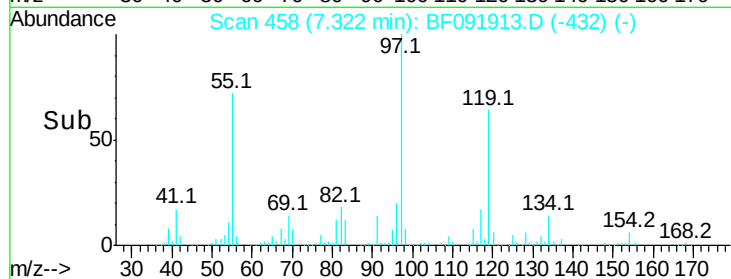
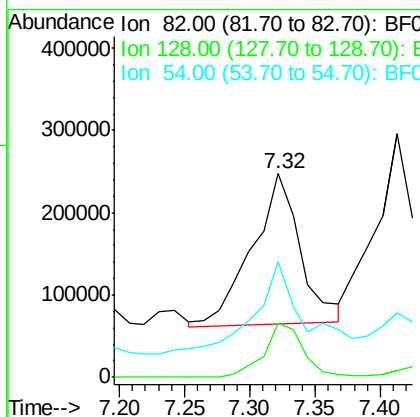
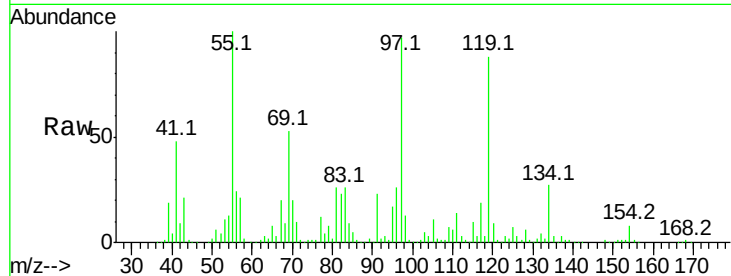




#23
 Nitrobenzene-d5
 Concen: 53.91 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF091913.D
 Acq: 23 Dec 2016 8:44

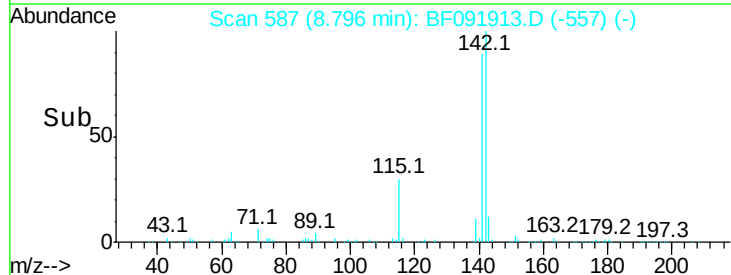
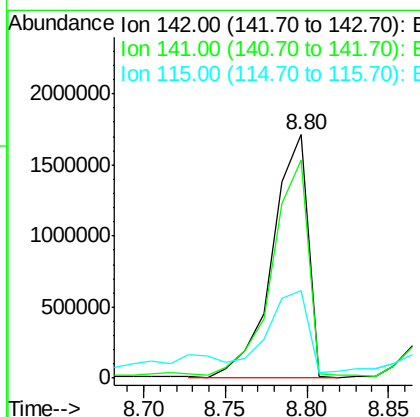
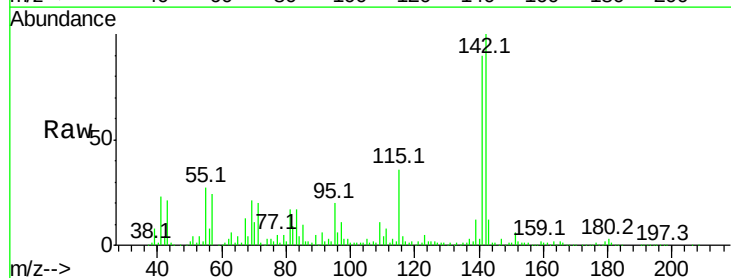
Instrument :
 BNA_F
 ClientSampleId :
 SB-52(0-1)-121916DL

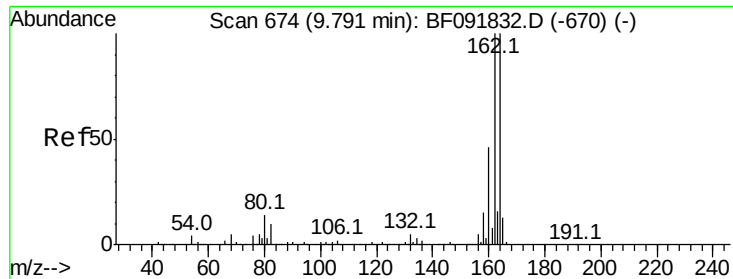
Tot Ion: 82 Resp: 471760
 Ion Ratio Lower Upper
 82 100
 128 26.7 34.6 52.0#
 54 56.6 39.5 59.3



#37
 2-Methylnaphthalene
 Concen: Below Cal
 RT: 8.80 min Scan# 587
 Delta R.T. 0.05 min
 Lab File: BF091913.D
 Acq: 23 Dec 2016 8:44

Tgt Ion:142 Resp: 2589392
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 35.9 28.3 42.5

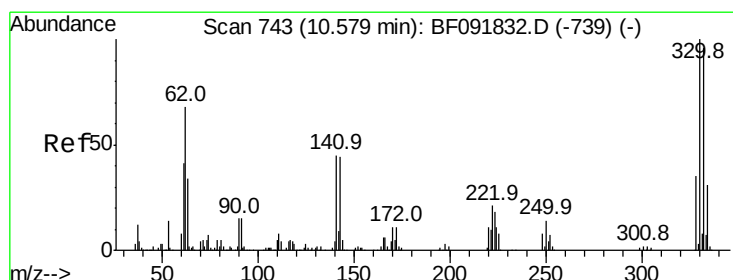
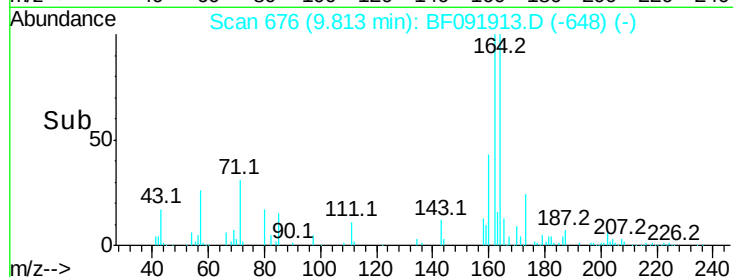
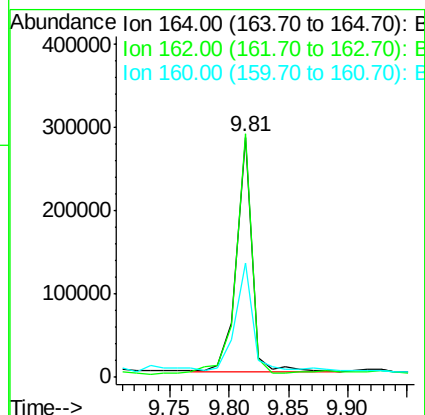
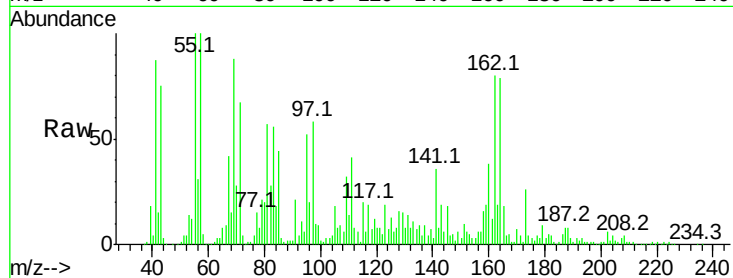




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.02 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

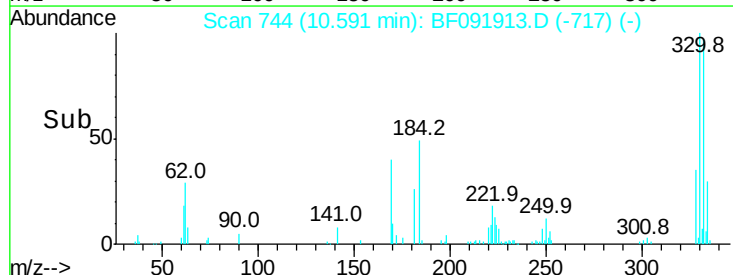
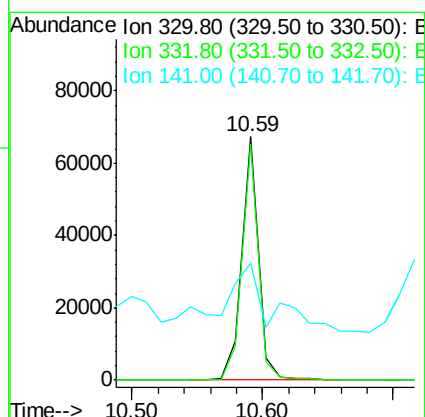
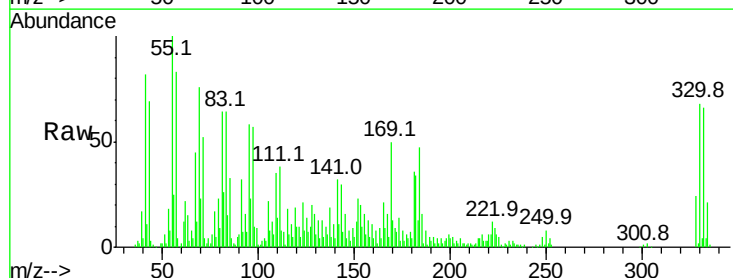
Instrument :
BNA_F
ClientSampleId :
SB-52(0-1)-121916DL

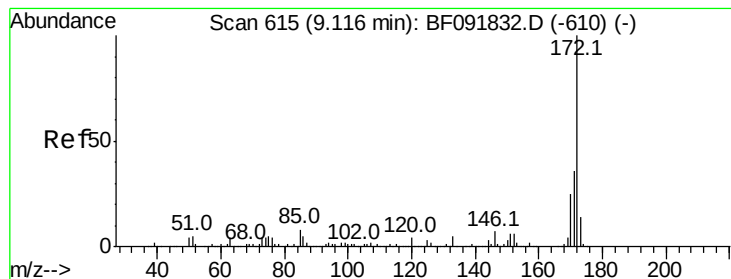
Tot Ion:164 Resp: 256874
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 47.6 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 27.87 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF091913.D
Acq: 23 Dec 2016 8:44

Tgt Ion:330 Resp: 59241
Ion Ratio Lower Upper
330 100
332 94.5 77.4 116.2
141 81.0 34.1 51.1#





#44

2-Fluorobiphenyl

Concen: 18.04 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.02 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916DL

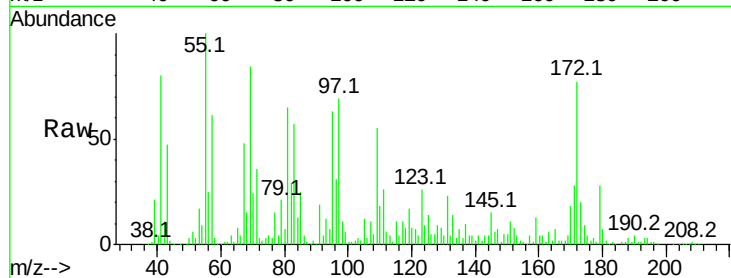
Tot Ion:172 Resp: 353579

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

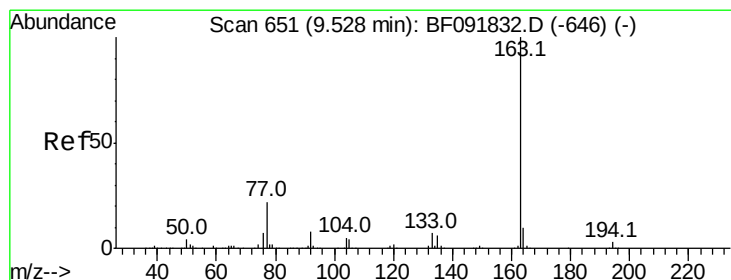
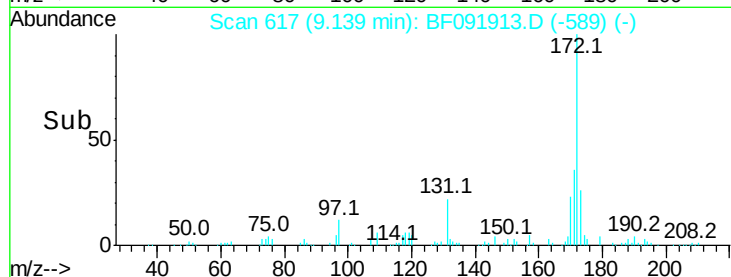
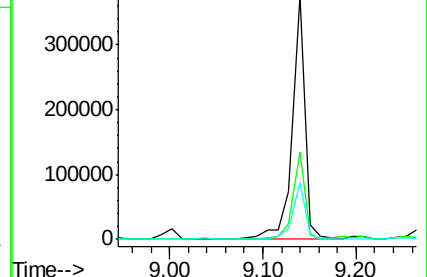
170 23.5 20.2 30.4



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: 5.88 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

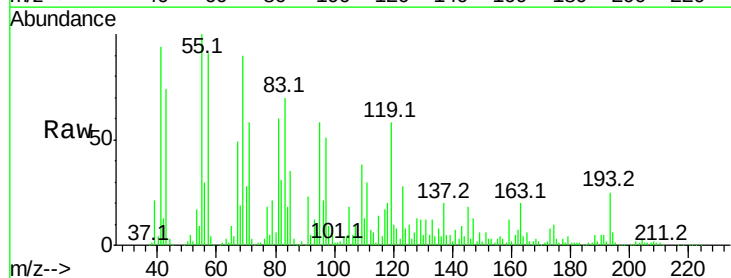
Tgt Ion:163 Resp: 96651

Ion Ratio Lower Upper

163 100

194 31.4 3.0 4.4#

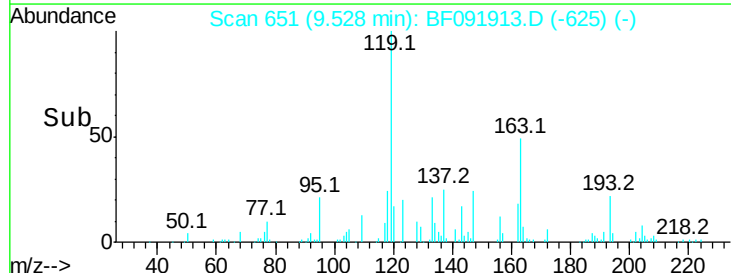
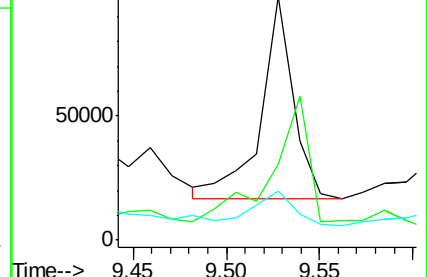
164 20.2 8.0 12.0#

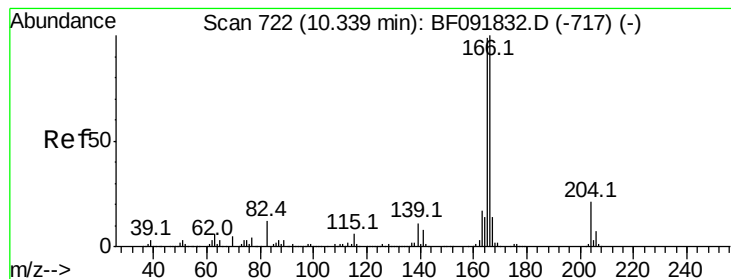


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#57

Fluorene

Concen: 10.30 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

Instrument :

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ClientSampleId :

SB-52(0-1)-121916DL

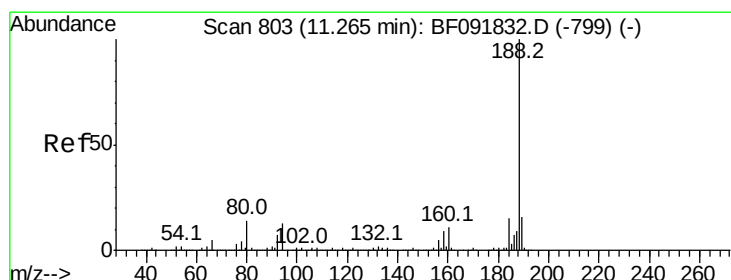
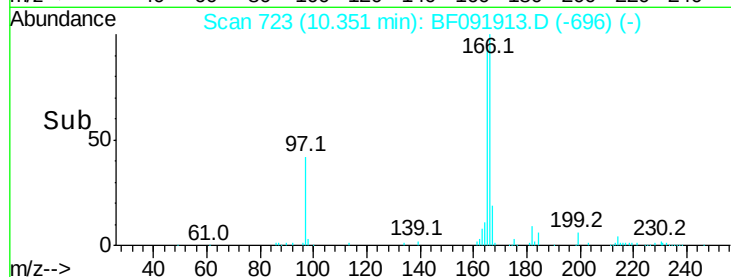
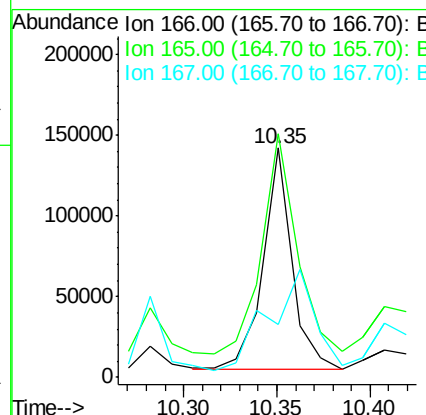
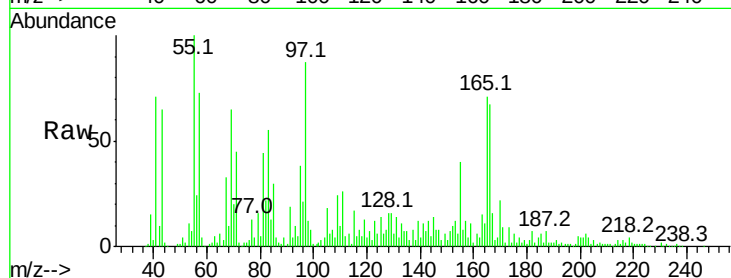
Tot Ion:166 Resp: 147007

Ion Ratio Lower Upper

166 100

165 106.1 77.8 116.8

167 23.3 10.8 16.2#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

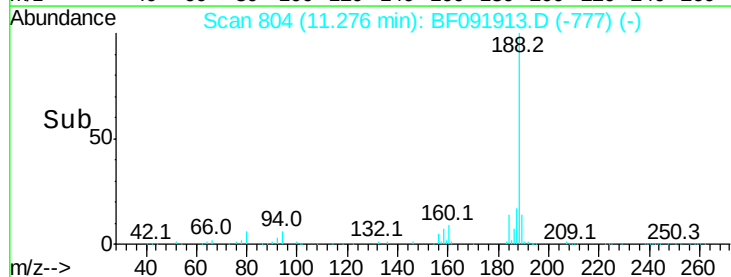
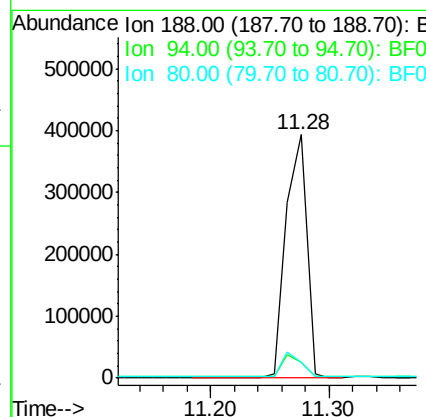
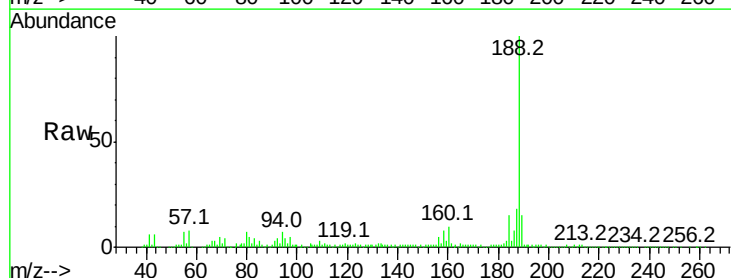
Tgt Ion:188 Resp: 474850

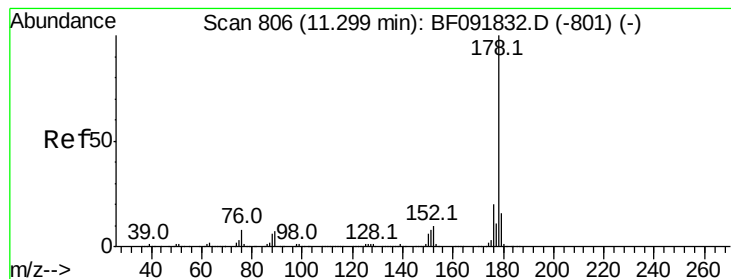
Ion Ratio Lower Upper

188 100

94 6.5 10.0 15.0#

80 6.5 11.2 16.8#





#70

Phenanthrene

Concen: 3.63 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

Instrument :

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ClientSampleId :

SB-52(0-1)-121916DL

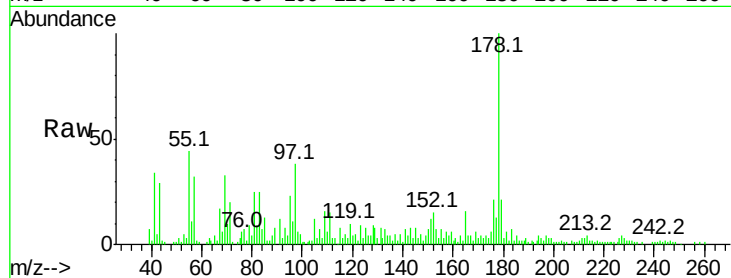
Tot Ion:178 Resp: 93552

Ion Ratio Lower Upper

178 100

176 20.8 16.6 25.0

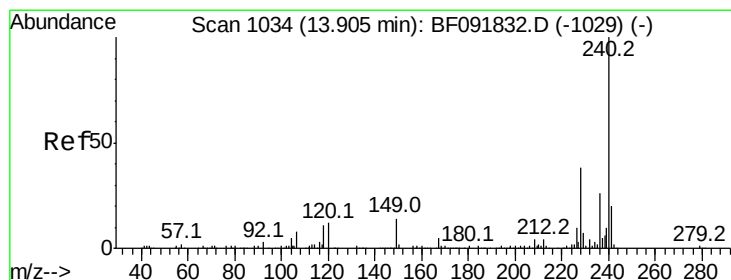
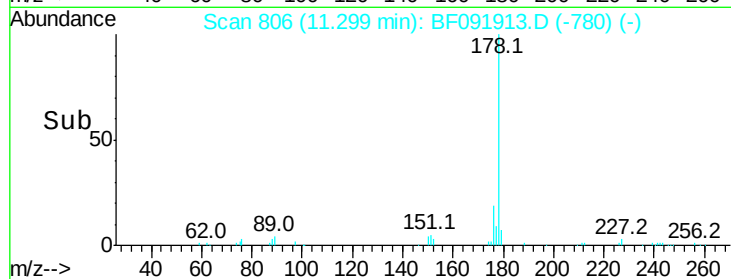
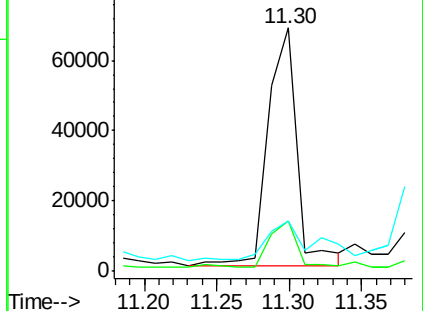
179 20.6 12.8 19.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

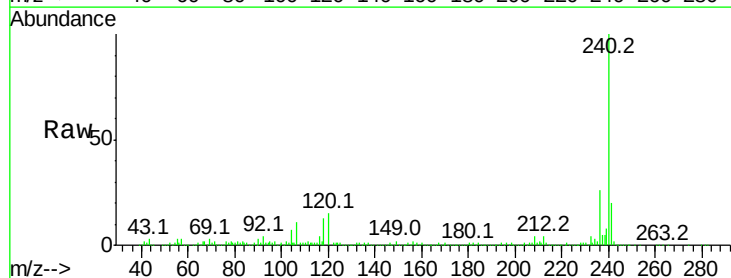
Tgt Ion:240 Resp: 353604

Ion Ratio Lower Upper

240 100

120 15.3 12.9 19.3

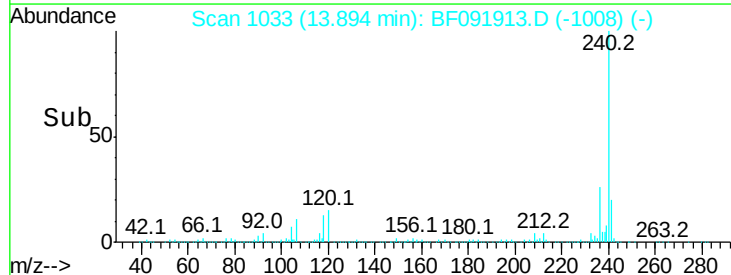
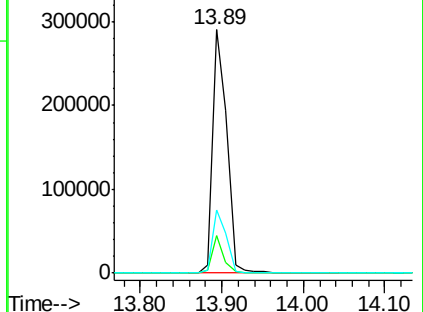
236 25.8 20.9 31.3

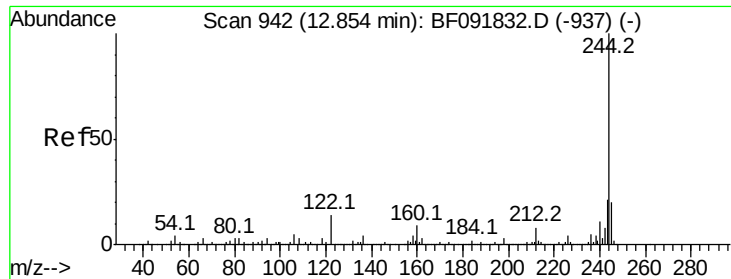


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 21.65 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

Instrument :

BNA_F

ClientSampleId :

SB-52(0-1)-121916DL

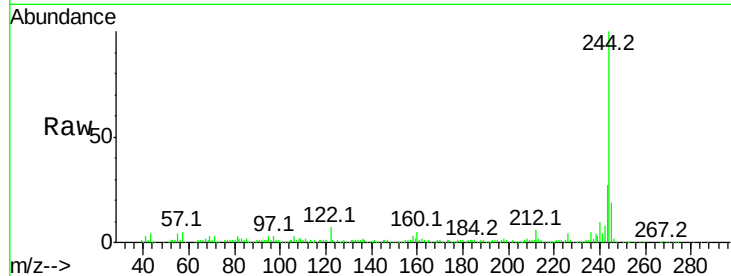
Tot Ion:244 Resp: 315655

Ion Ratio Lower Upper

244 100

212 6.1 6.2 9.2#

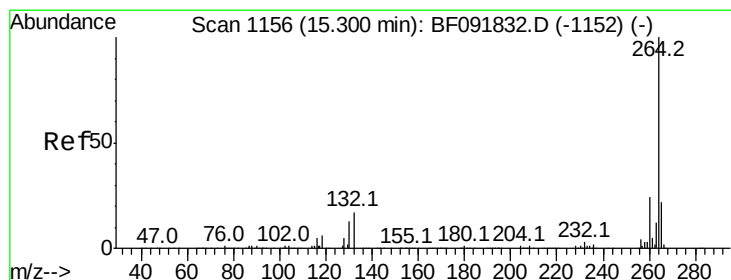
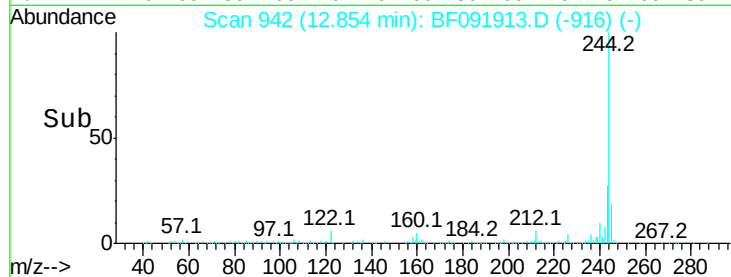
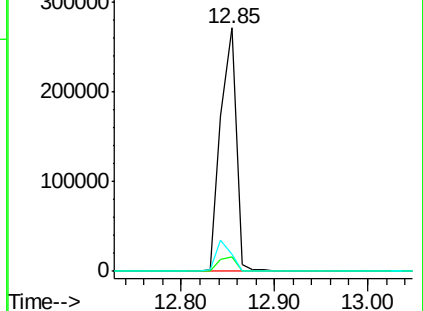
122 6.7 11.4 17.2#



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: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF091913.D

Acq: 23 Dec 2016 8:44

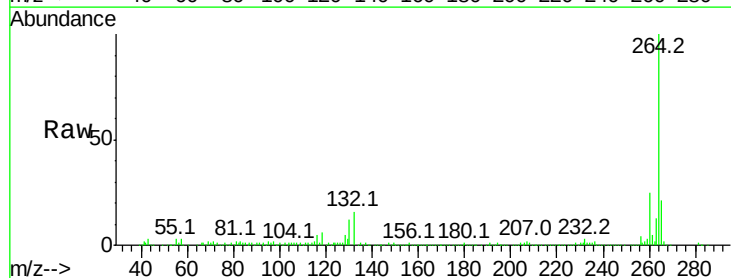
Tgt Ion:264 Resp: 291290

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.2 17.4 26.0



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

