

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092363.D
 Acq On : 18 Jan 2017 20:54
 Operator : UM/SJ
 Sample : I1271-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW

Quant Time: Jan 19 03:34:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

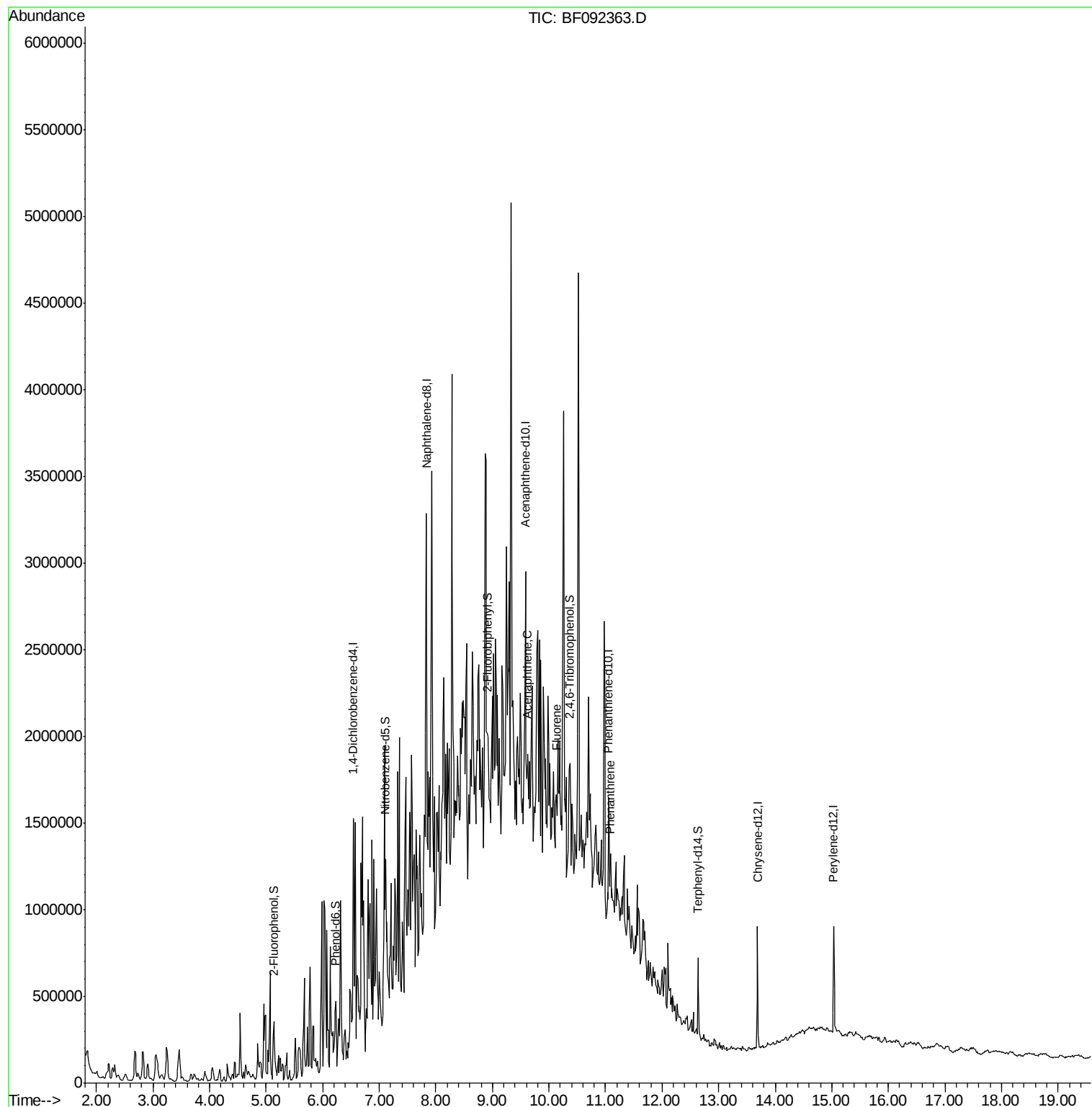
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	132792	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	424859	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	181606	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	244613	20.00	ng	0.00
75) Chrysene-d12	13.69	240	271882	20.00	ng	-0.01
86) Perylene-d12	15.03	264	260397	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	141314	17.77	ng	0.01
7) Phenol-d6	6.22	99	113540	11.69	ng	0.00
23) Nitrobenzene-d5	7.11	82	204832	26.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	35636	23.71	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	271135	20.86	ng	0.00
78) Terphenyl-d14	12.63	244	169592	15.13	ng	-0.01
Target Compounds						
51) Acenaphthene	9.62	154	28936	2.82	ng	# 86
57) Fluorene	10.13	166	39204	3.89	ng	# 79
70) Phenanthrene	11.08	178	115487	8.71	ng	# 90

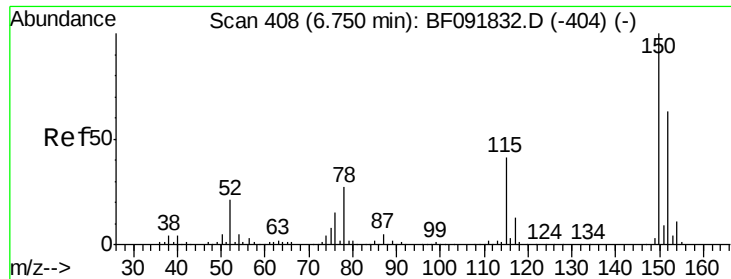
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092363.D

Acq: 18 Jan 2017 20:54

Instrument :

BNA_F

ClientSampleId :

GW

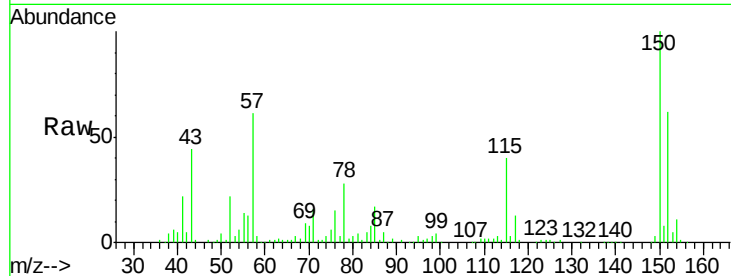
Tgt Ion:152 Resp: 132792

Ion Ratio Lower Upper

152 100

150 160.4 124.9 187.3

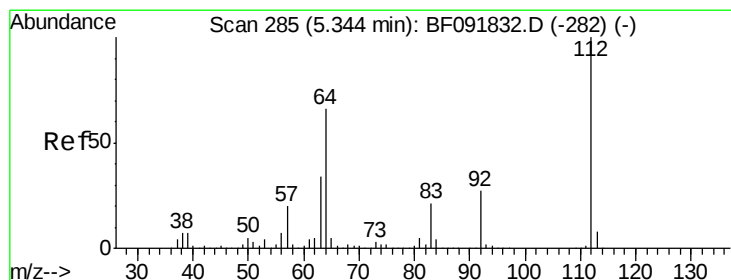
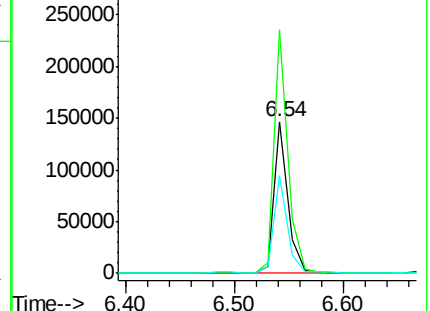
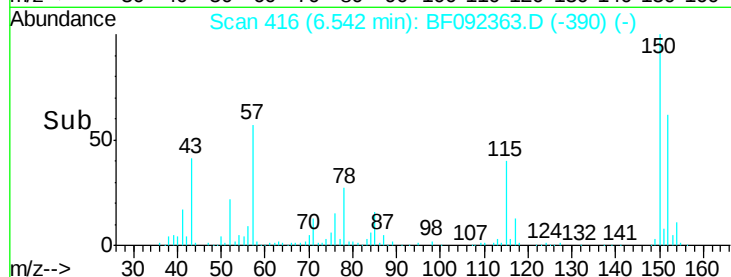
115 64.6 46.0 69.0



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: 17.77 ng

RT: 5.14 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF092363.D

Acq: 18 Jan 2017 20:54

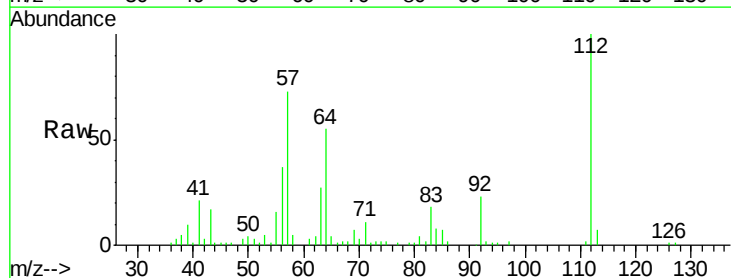
Tgt Ion:112 Resp: 141314

Ion Ratio Lower Upper

112 100

64 54.9 46.1 69.1

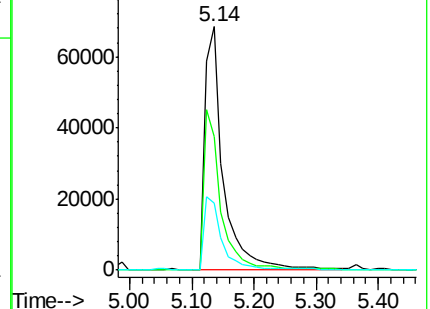
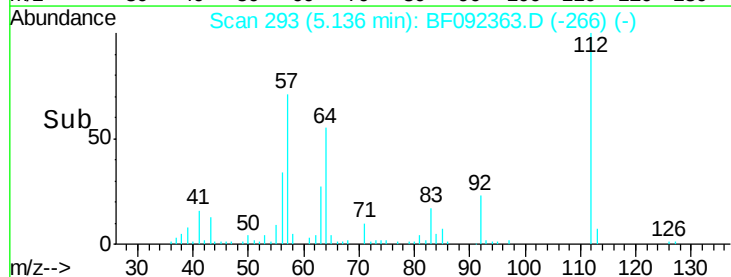
63 27.3 23.8 35.6



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: 11.69 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092363.D

Acq: 18 Jan 2017 20:54

Instrument :

BNA_F

ClientSampleId :

GW

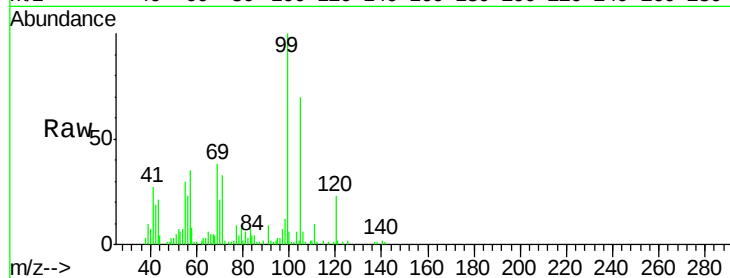
Tgt Ion: 99 Resp: 113540

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

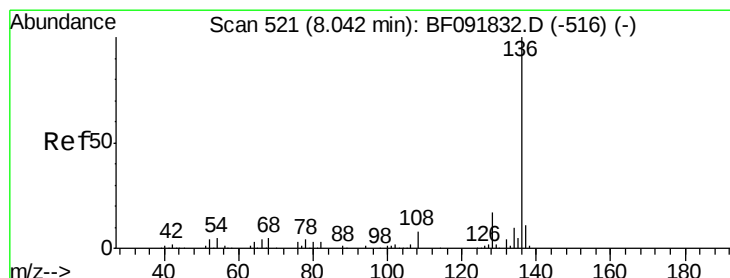
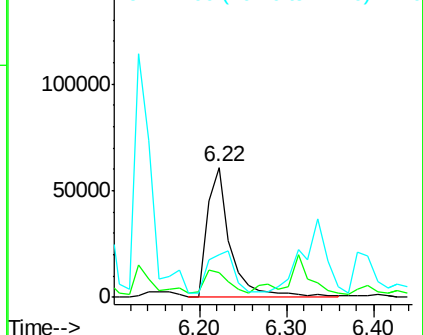
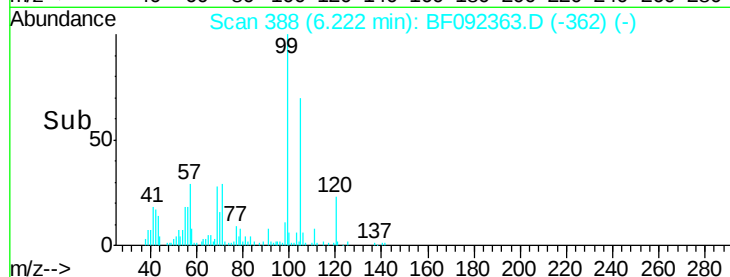
71 32.6 27.5 41.3



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: 7.83 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092363.D

Acq: 18 Jan 2017 20:54

Tgt Ion: 136 Resp: 424859

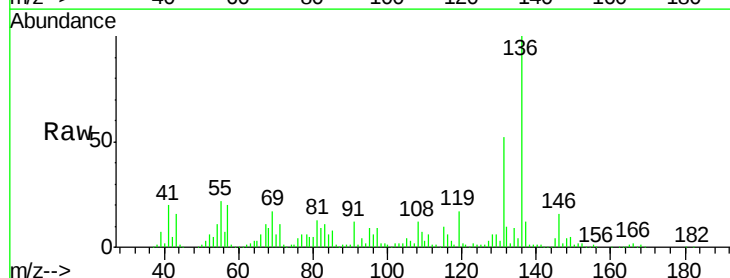
Ion Ratio Lower Upper

136 100

137 12.0 8.4 12.6

54 10.7 4.5 6.7#

68 9.1 3.6 5.4#

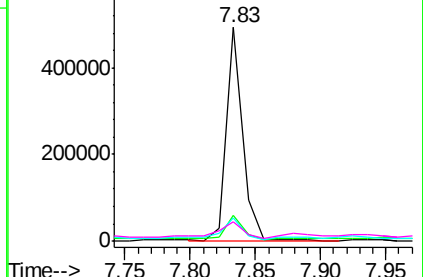
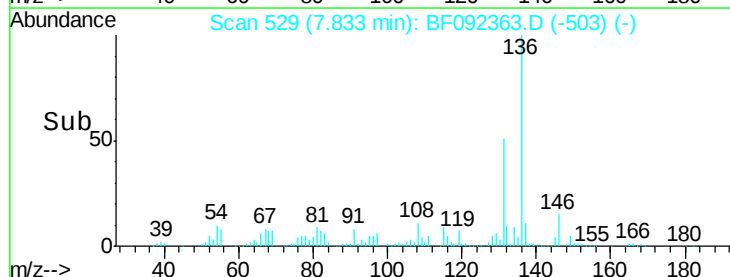


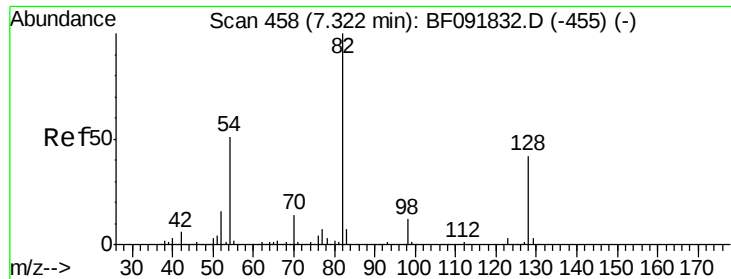
Abundance Ion 136.00 (135.70 to 136.70): E

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

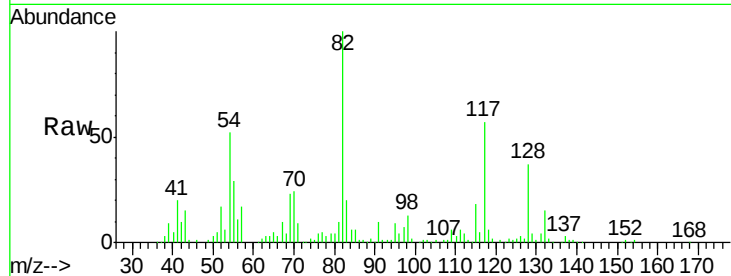




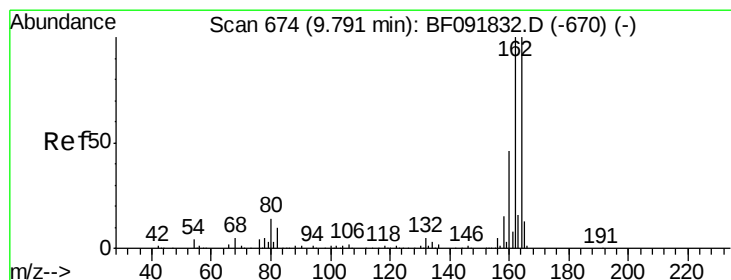
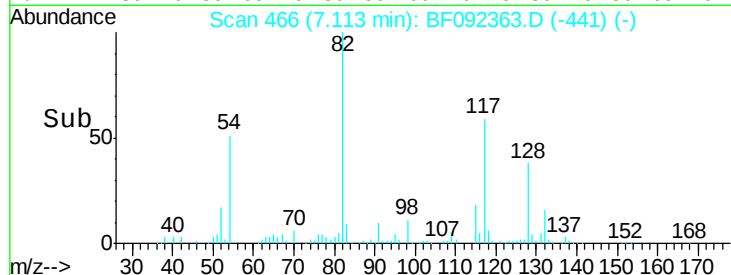
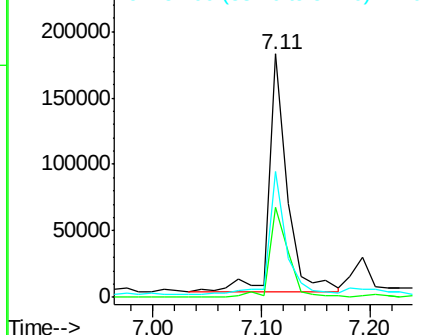
#23
 Nitrobenzene-d5
 Concen: 26.81 ng
 RT: 7.11 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF092363.D
 Acq: 18 Jan 2017 20:54

Instrument :
 BNA_F
 ClientSampleID :
 GW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.0	34.6	52.0
54	51.6	39.5	59.3

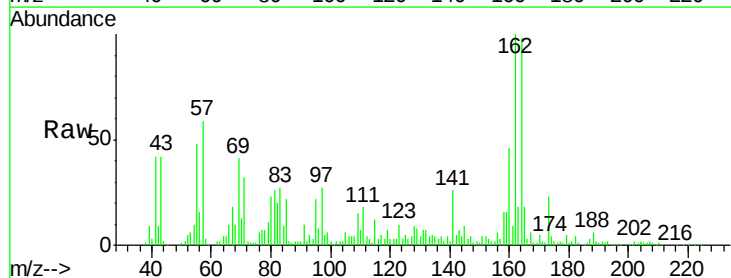


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

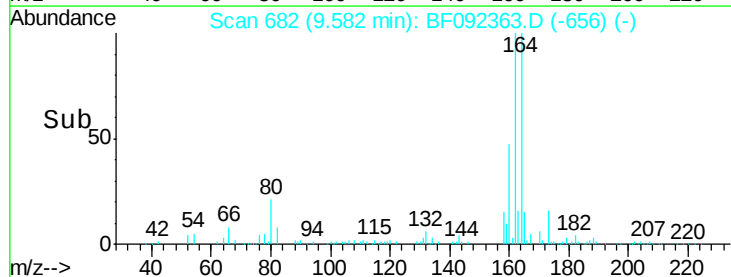
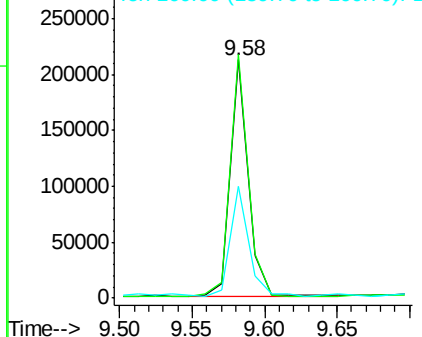


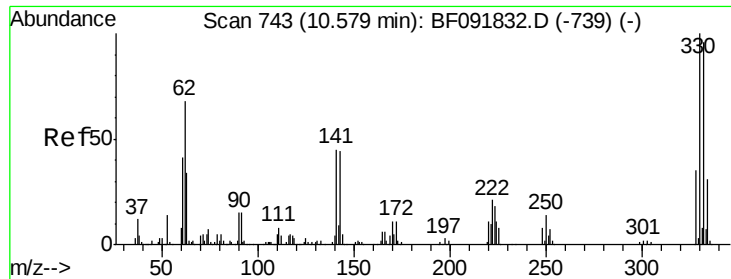
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092363.D
 Acq: 18 Jan 2017 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	47.1	36.9	55.3



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

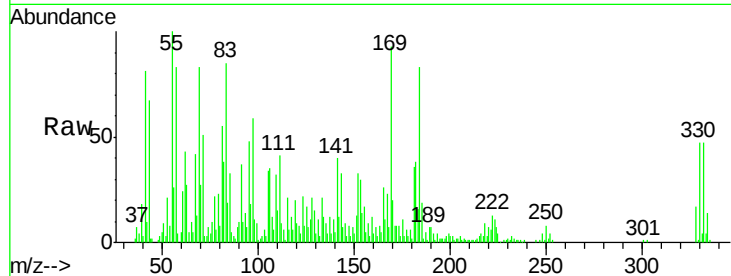




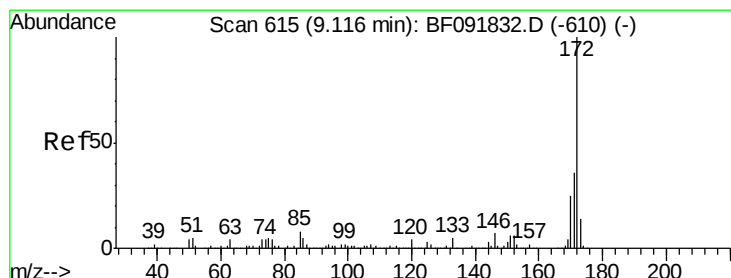
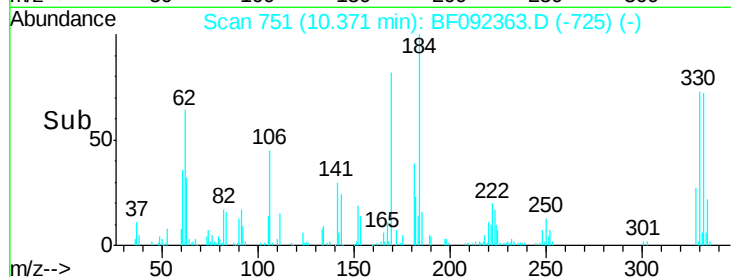
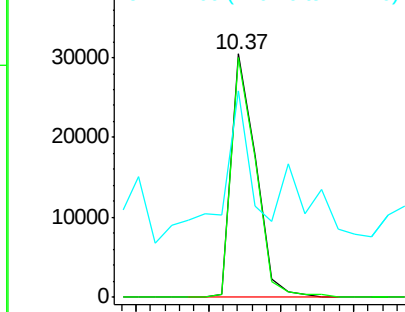
#41
 2,4,6-Tribromophenol
 Concen: 23.71 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092363.D
 Acq: 18 Jan 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 GW

Tgt Ion:330 Resp: 35636
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.4 116.2
 141 45.5 34.1 51.1

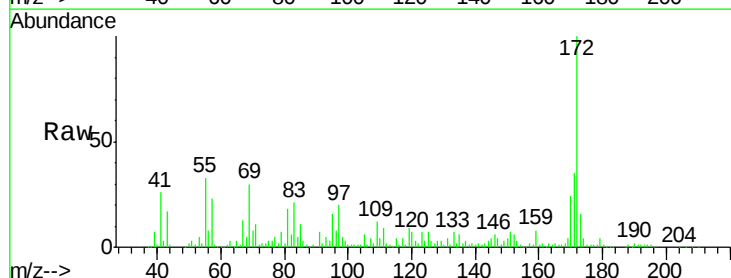


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

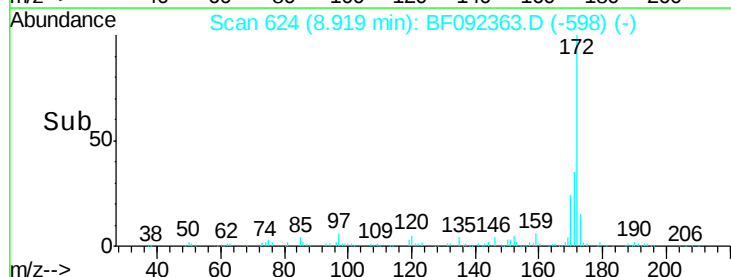
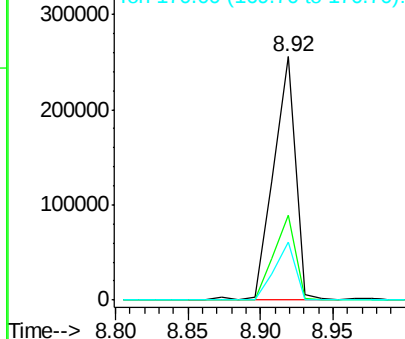


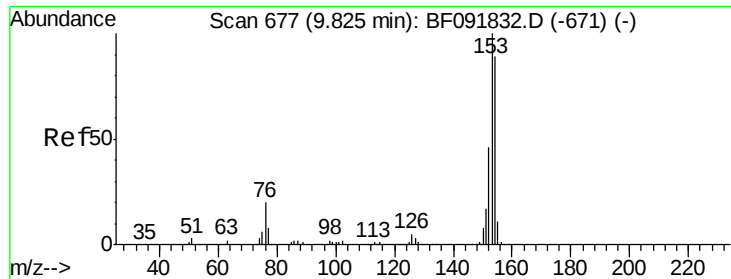
#44
 2-Fluorobiphenyl
 Concen: 20.86 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092363.D
 Acq: 18 Jan 2017 20:54

Tgt Ion:172 Resp: 271135
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 23.6 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





#51

Acenaphthene

Concen: 2.82 ng

RT: 9.62 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092363.D

Acq: 18 Jan 2017 20:54

Instrument :

BNA_F

ClientSampleId :

GW

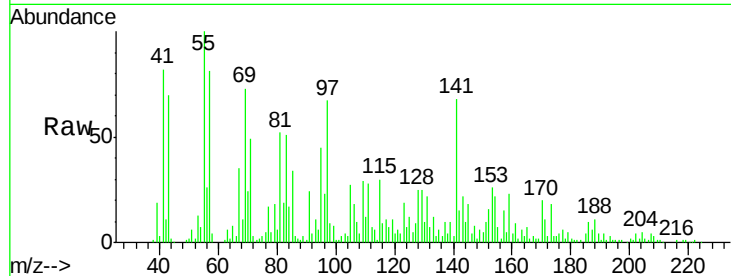
Tgt Ion:154 Resp: 28936

Ion Ratio Lower Upper

154 100

153 118.0 88.6 133.0

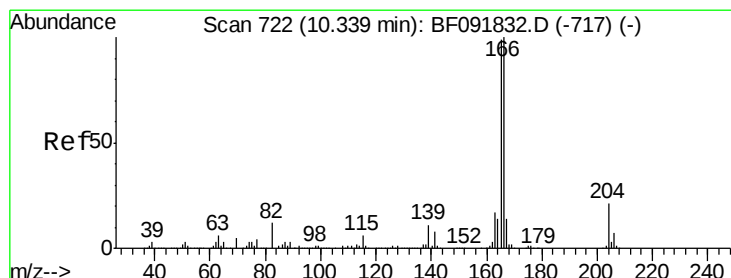
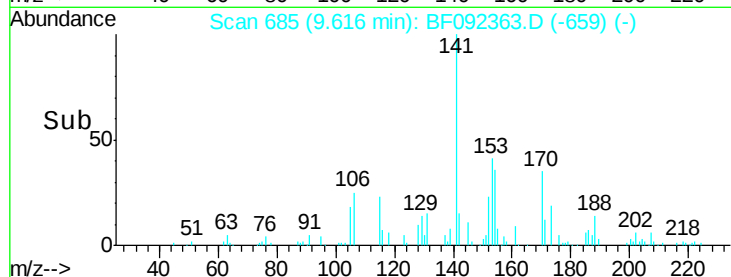
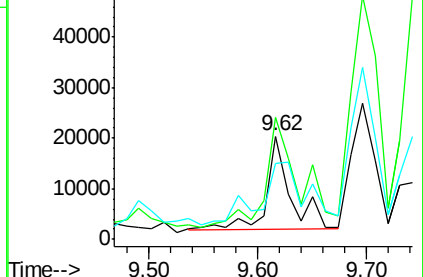
152 73.1 41.6 62.4#



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



#57

Fluorene

Concen: 3.89 ng

RT: 10.13 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092363.D

Acq: 18 Jan 2017 20:54

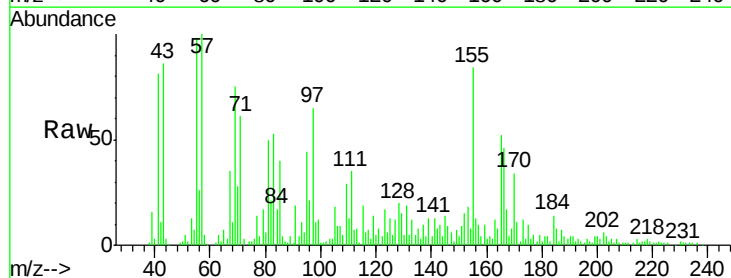
Tgt Ion:166 Resp: 39204

Ion Ratio Lower Upper

166 100

165 112.7 77.8 116.8

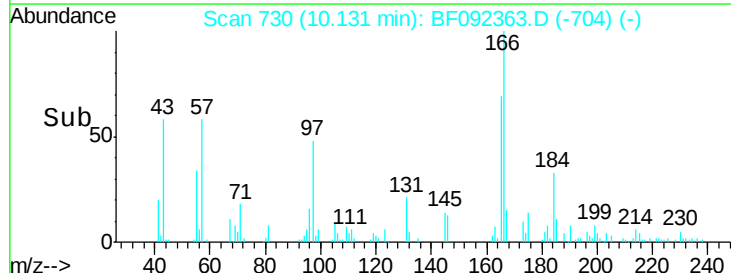
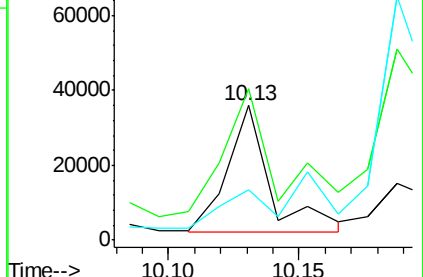
167 37.1 10.8 16.2#

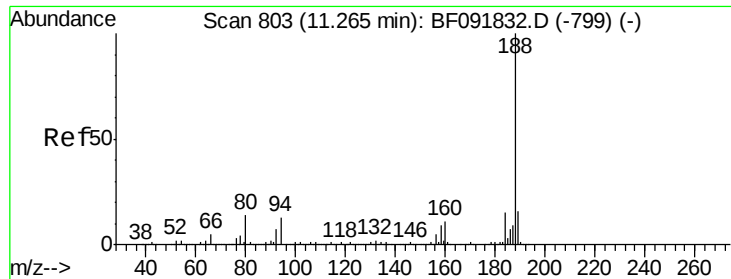


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

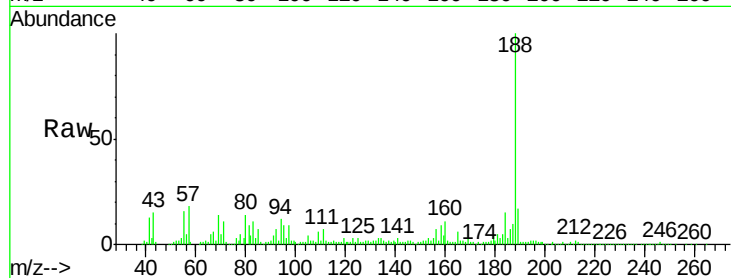




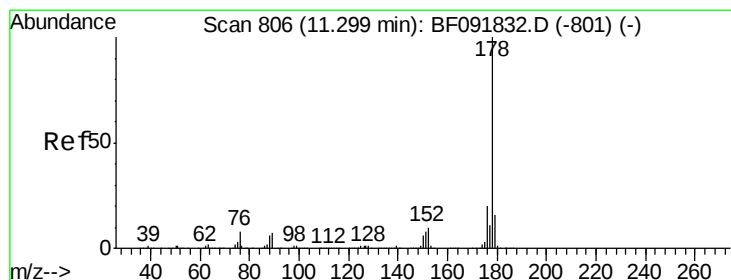
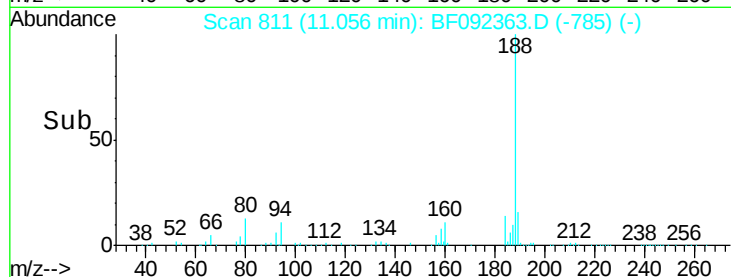
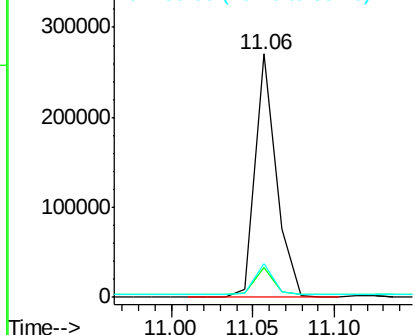
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092363.D
Acq: 18 Jan 2017 20:54

Instrument :
BNA_F
ClientSampleId :
GW

Tgt Ion:188 Resp: 244613
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 13.6 11.2 16.8

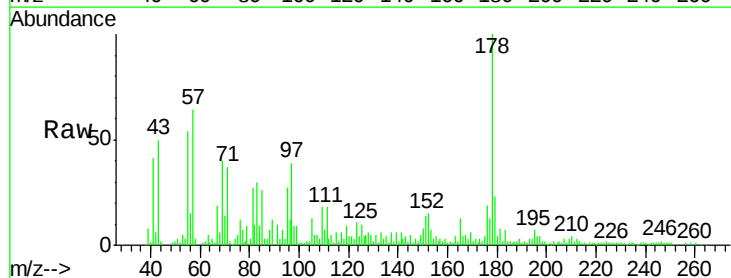


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

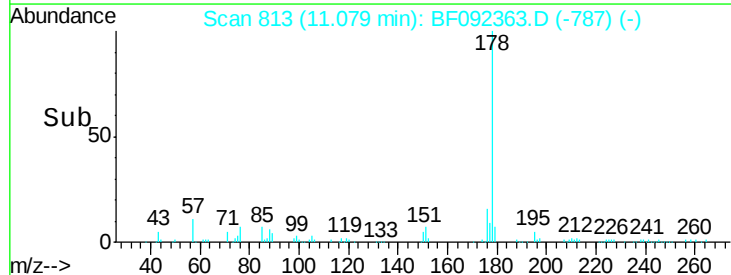
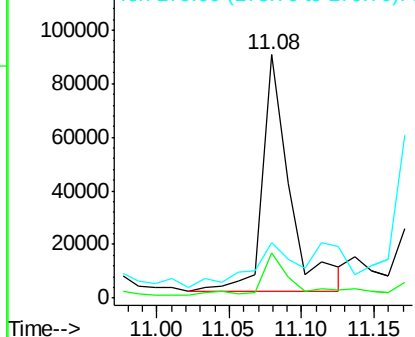


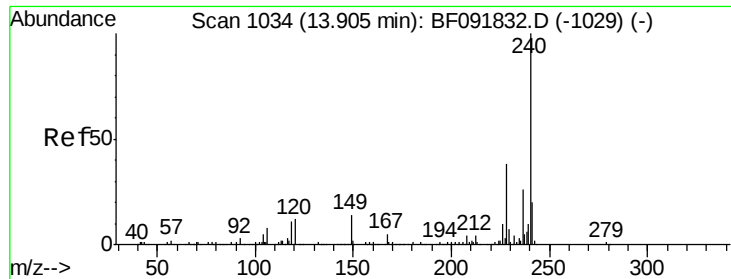
#70
Phenanthrene
Concen: 8.71 ng
RT: 11.08 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092363.D
Acq: 18 Jan 2017 20:54

Tgt Ion:178 Resp: 115487
Ion Ratio Lower Upper
178 100
176 18.5 16.6 25.0
179 22.7 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: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092363.D

Acq: 18 Jan 2017 20:54

Instrument :

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ClientSampleId :

GW

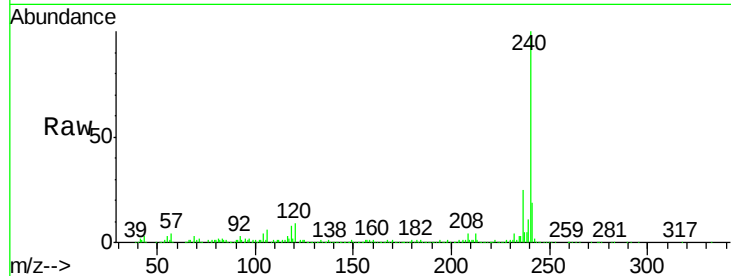
Tgt Ion:240 Resp: 271882

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

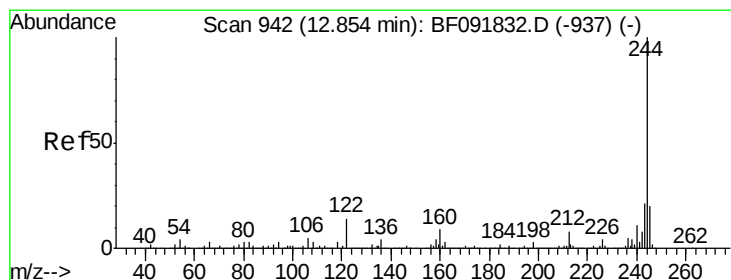
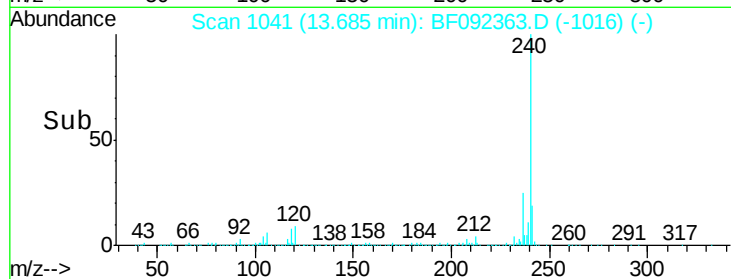
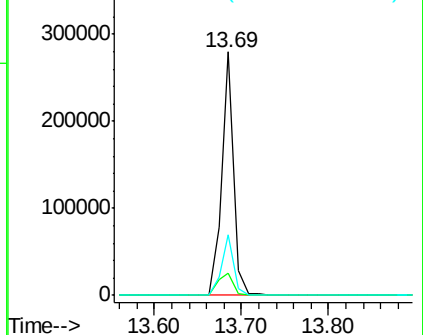
236 24.7 20.9 31.3



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: 15.13 ng

RT: 12.63 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092363.D

Acq: 18 Jan 2017 20:54

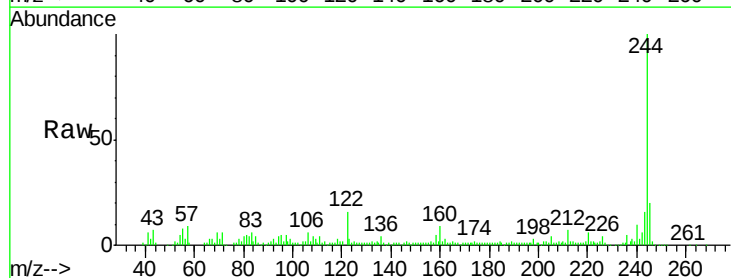
Tgt Ion:244 Resp: 169592

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

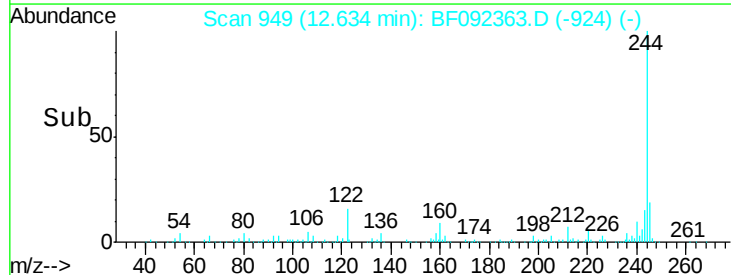
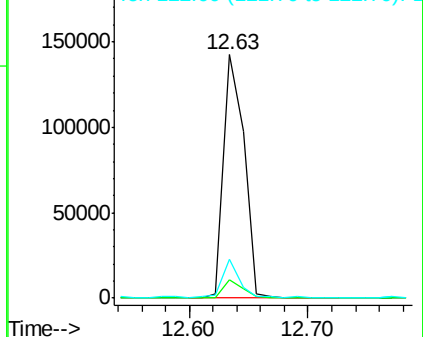
122 16.2 11.4 17.2

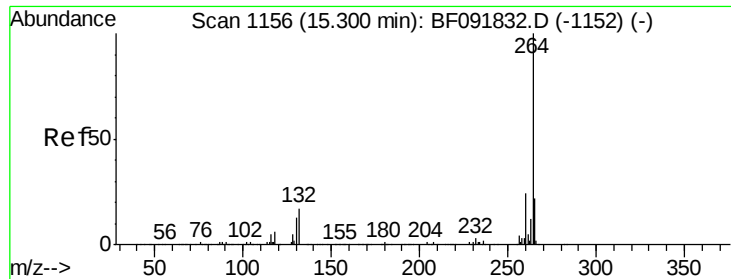


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.03 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF092363.D
Acq: 18 Jan 2017 20:54

Instrument :
BNA_F
ClientSampleId :
GW

Tgt Ion: 264 Resp: 260397
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.4 17.4 26.0

