

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095418.D
 Acq On : 25 May 2017 10:25
 Operator : SJ/MA
 Sample : I3248-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-6.0-6.5

Quant Time: May 25 13:48:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

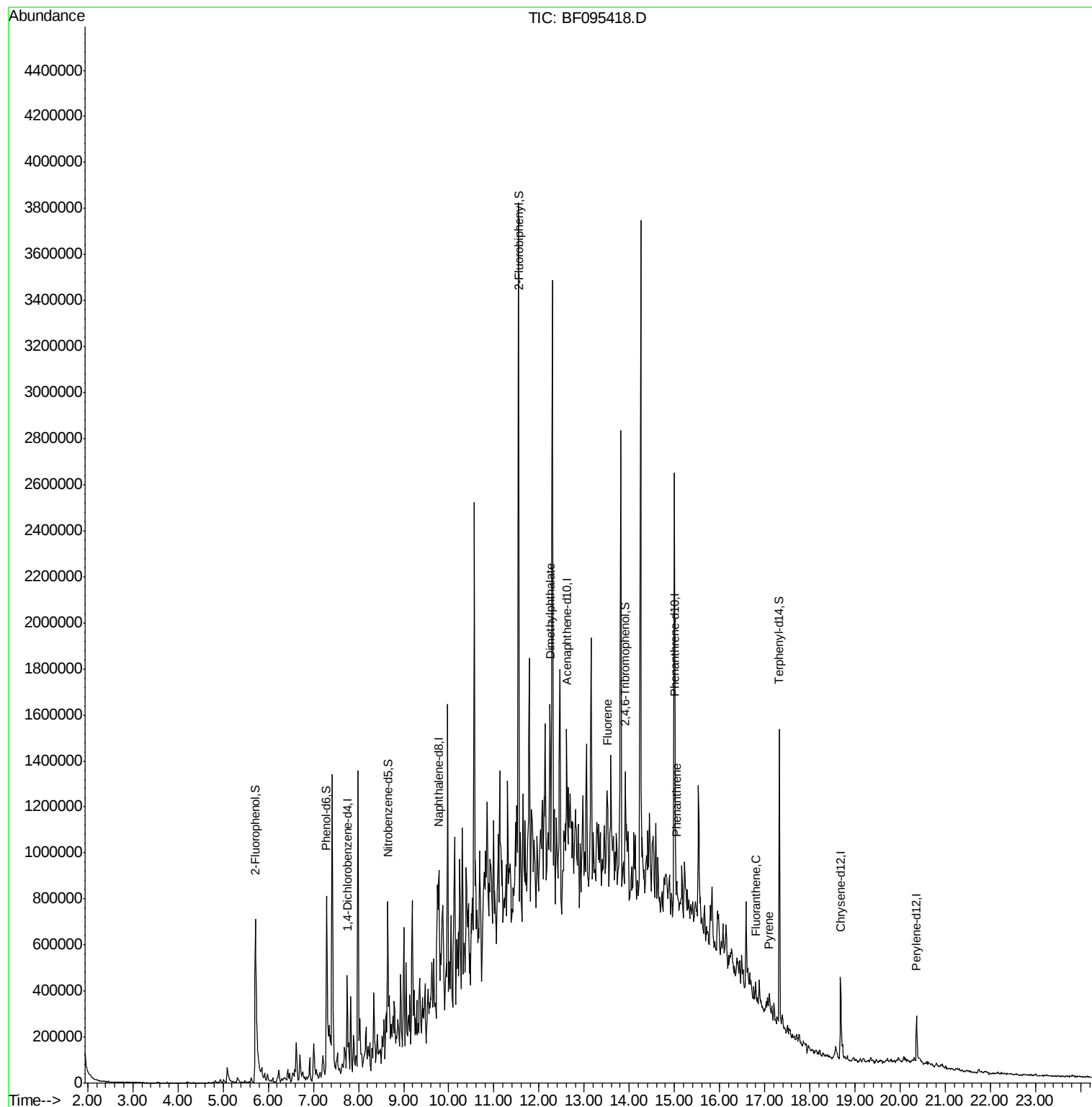
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	81703	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	310893	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	122792	20.00	ng	-0.01
63) Phenanthrene-d10	15.02	188	195605	20.00	ng	0.00
75) Chrysene-d12	18.68	240	176165	20.00	ng	-0.01
86) Perylene-d12	20.37	264	114674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	616973	125.90	ng	-0.02
7) Phenol-d6	7.29	99	717454	122.02	ng	-0.02
23) Nitrobenzene-d5	8.65	82	368052	74.65	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	106822	106.22	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	573429	67.22	ng	-0.02
78) Terphenyl-d14	17.32	244	507113	63.40	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.24	163	132510	13.15	ng	# 98
57) Fluorene	13.51	166	31487	3.35	ng	# 84
70) Phenanthrene	15.05	178	83604	7.44	ng	# 93
74) Fluoranthene	16.79	202	44913	3.90	ng	# 93
77) Pyrene	17.10	202	46386	3.52	ng	# 93

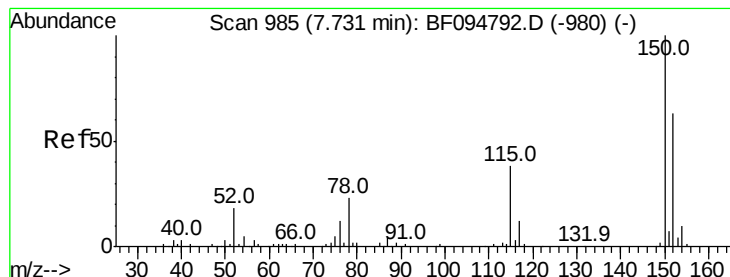
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 18 17:07:53 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

Instrument :

BNA_F

ClientSampleId :

SB-8-6.0-6.5

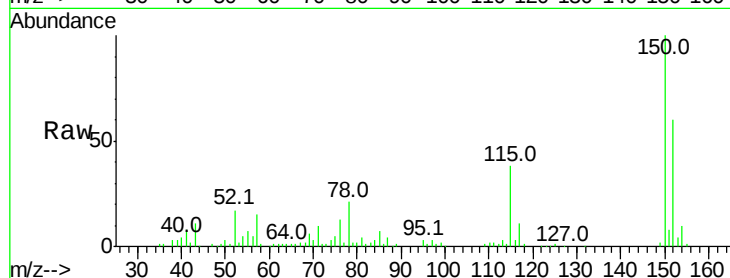
Tot Ion:152 Resp: 81703

Ion Ratio Lower Upper

152 100

150 165.8 126.2 189.2

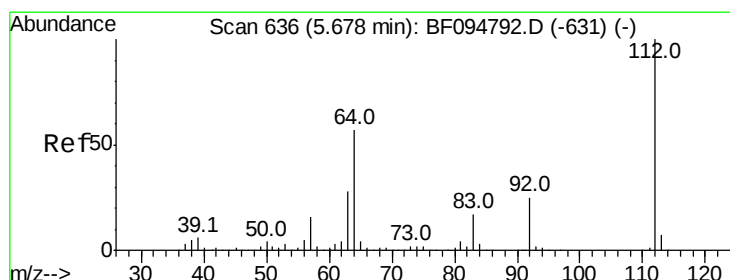
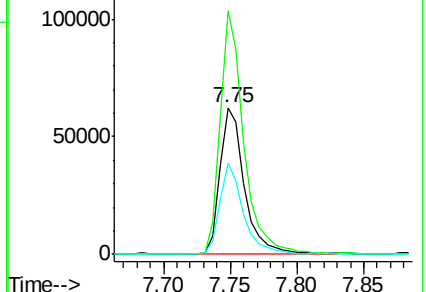
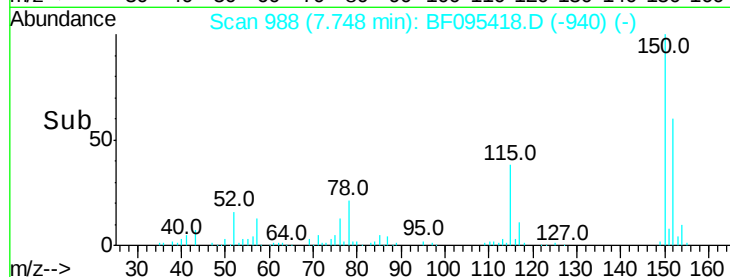
115 62.6 52.2 78.2



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: 125.90 ng

RT: 5.71 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

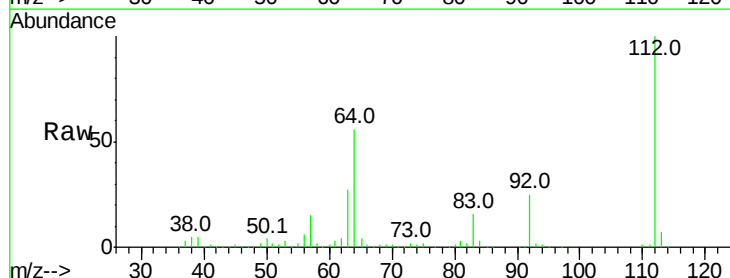
Tgt Ion:112 Resp: 616973

Ion Ratio Lower Upper

112 100

64 55.8 46.0 69.0

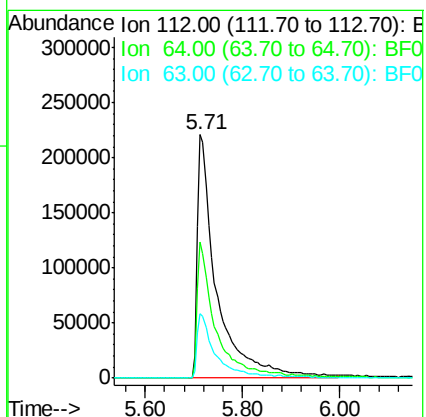
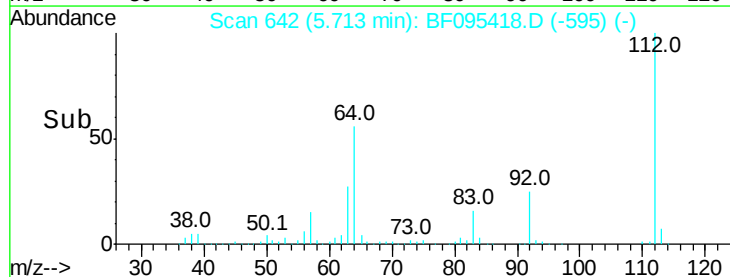
63 26.6 23.4 35.0

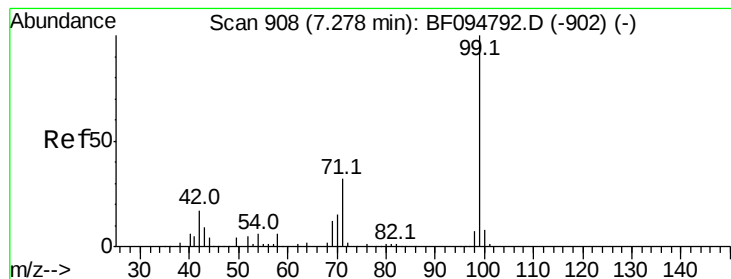


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.02 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

Instrument :

BNA_F

ClientSampleId :

SB-8-6.0-6.5

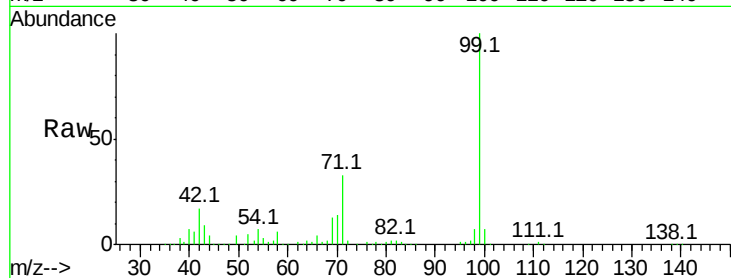
Tot Ion: 99 Resp: 717454

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

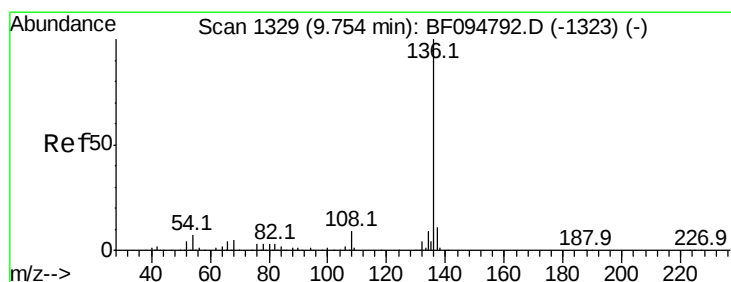
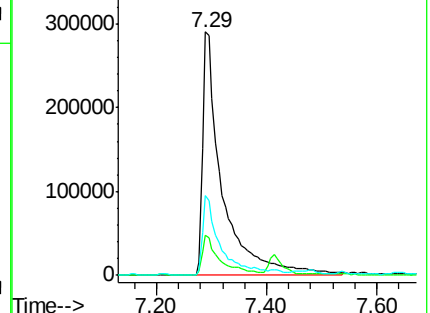
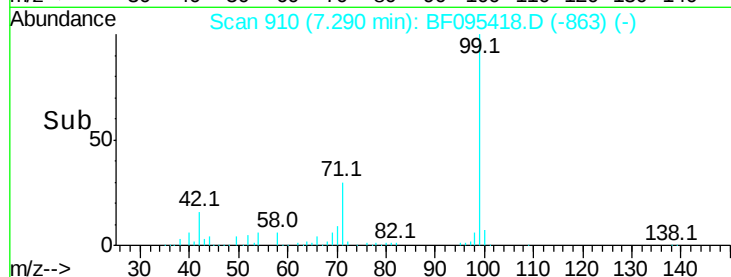
71 32.5 24.5 36.7



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: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

Tgt Ion:136 Resp: 310893

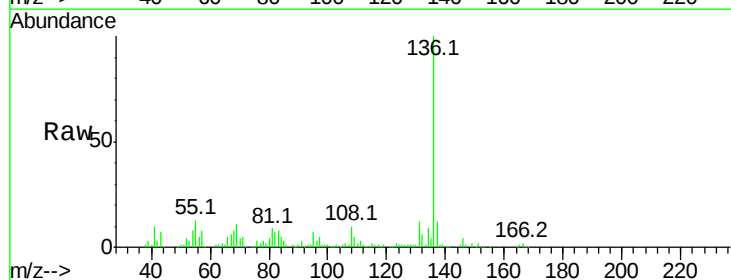
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 7.9 4.9 7.3#

68 7.6 4.1 6.1#

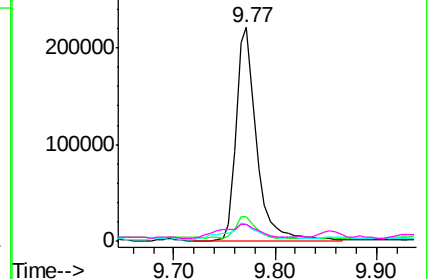
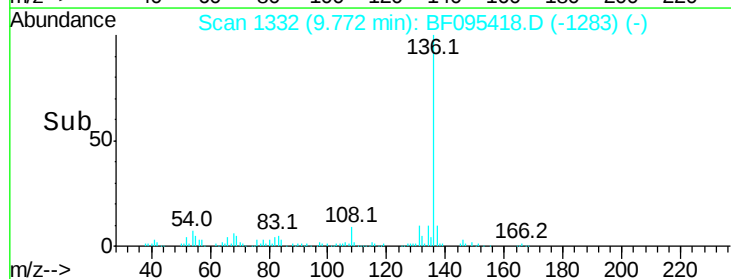


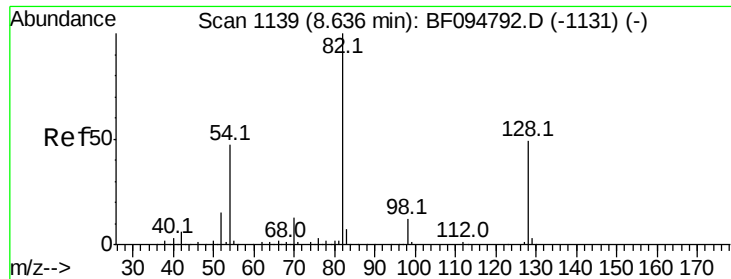
Abundance Ion 136.00 (135.70 to 136.70): E

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

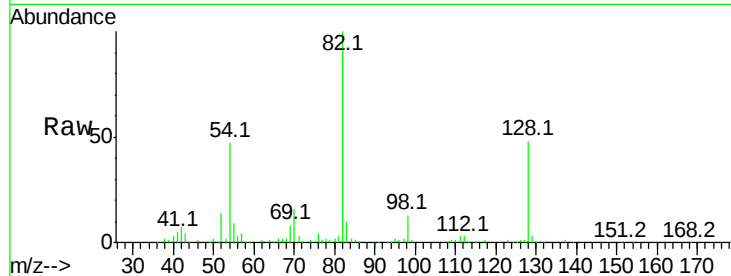




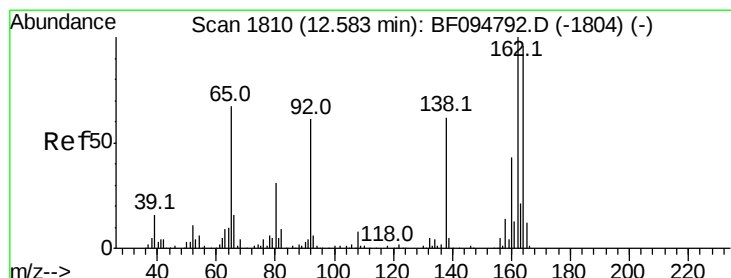
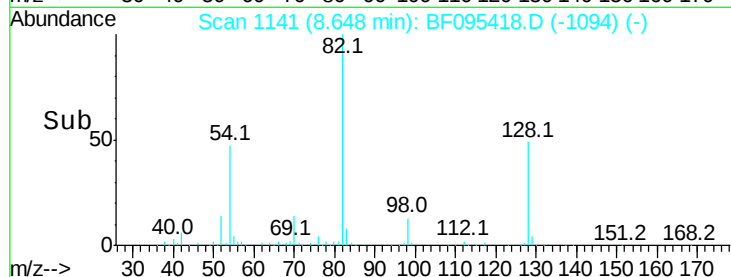
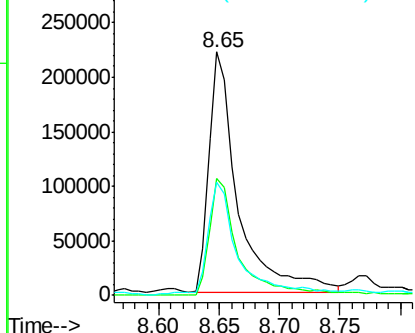
#23
 Nitrobenzene-d5
 Concen: 74.65 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF095418.D
 Acq: 25 May 2017 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-6.0-6.5

Tot Ion	82	Resp	368052
Ion Ratio	100	Lower	Upper
128	47.8	34.0	51.0
54	46.6	42.2	63.2

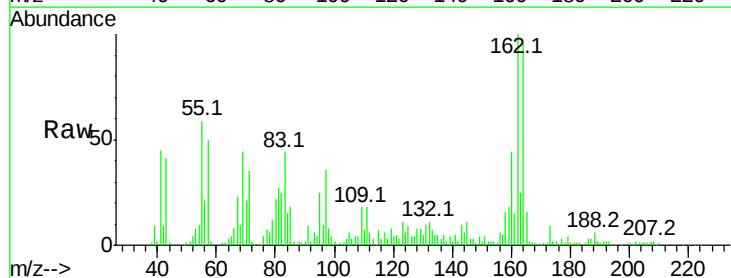


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

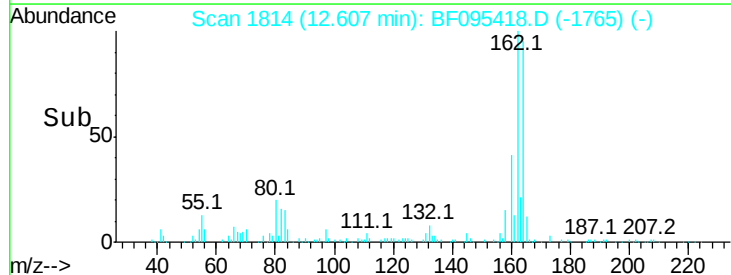
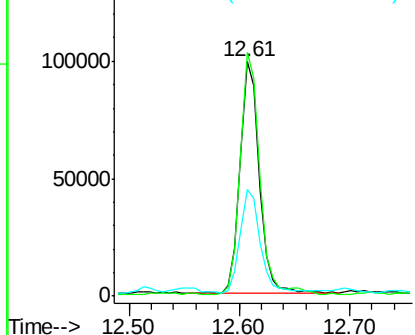


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095418.D
 Acq: 25 May 2017 10:25

Tgt Ion	164	Resp	122792
Ion Ratio	100	Lower	Upper
162	103.9	82.6	123.8
160	45.3	36.2	54.2



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

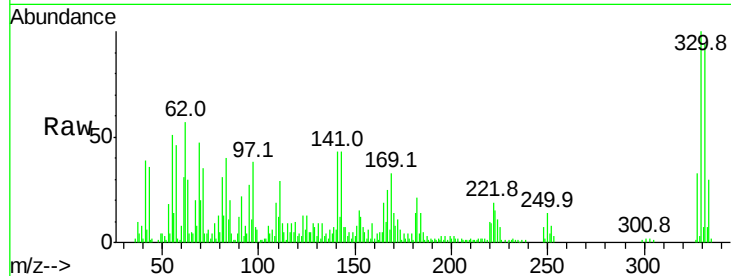




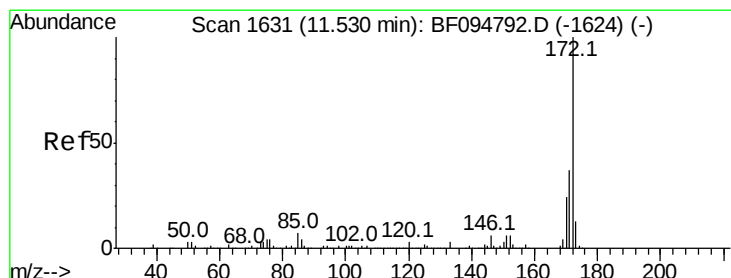
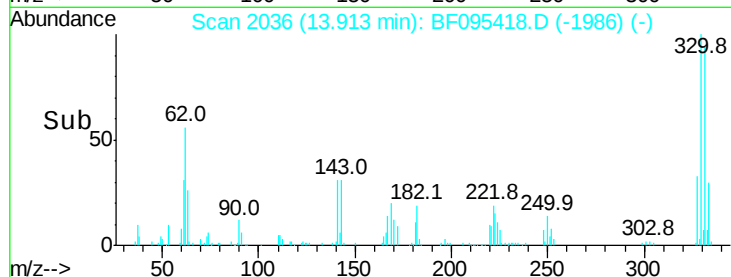
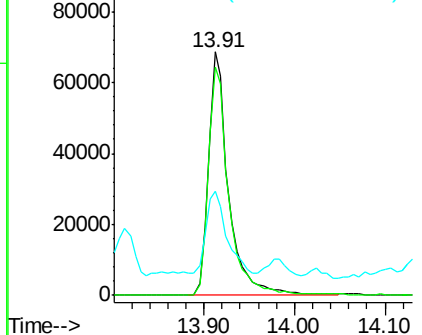
#41
 2,4,6-Tribromophenol
 Concen: 106.22 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095418.D
 Acq: 25 May 2017 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-6.0-6.5

Tot Ion:330 Resp: 106822
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.3 31.4 47.2

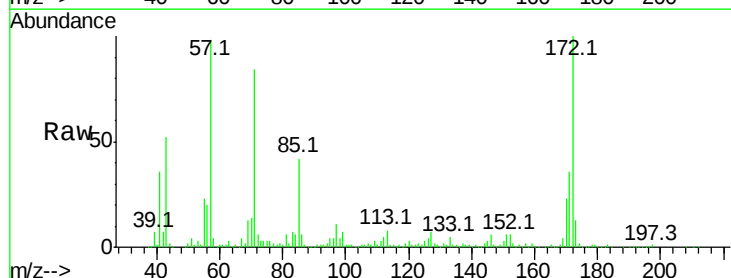


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

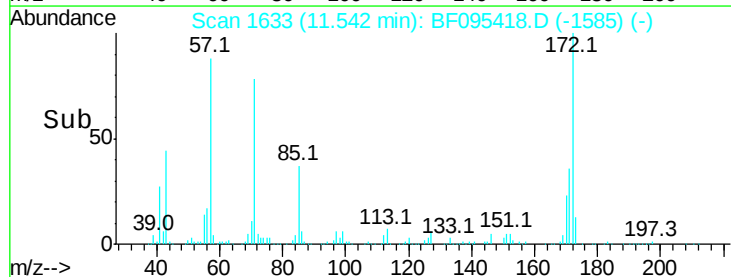
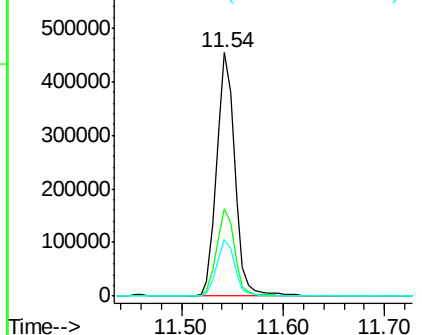


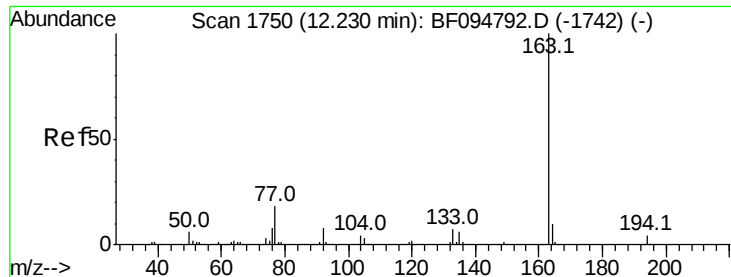
#44
 2-Fluorobiphenyl
 Concen: 67.22 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095418.D
 Acq: 25 May 2017 10:25

Tgt Ion:172 Resp: 573429
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.2 19.8 29.8



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: 13.15 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

Instrument :

BNA_F

ClientSampleId :

SB-8-6.0-6.5

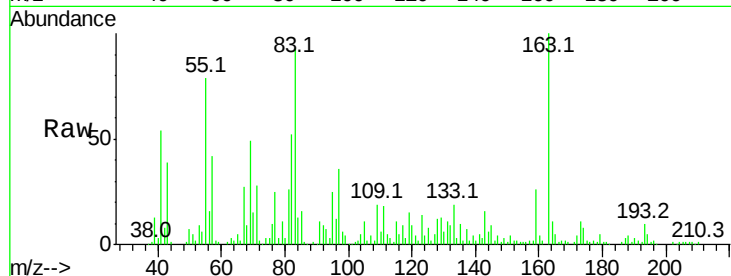
Tot Ion:163 Resp: 132510

Ion Ratio Lower Upper

163 100

194 5.1 2.6 4.0#

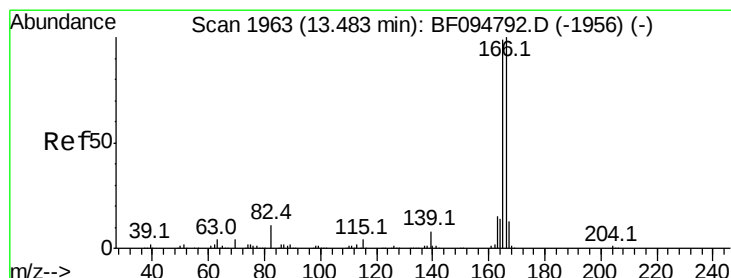
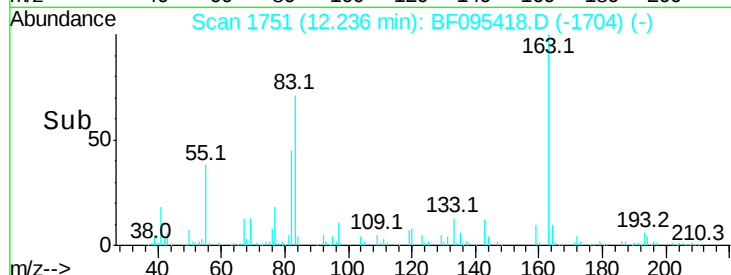
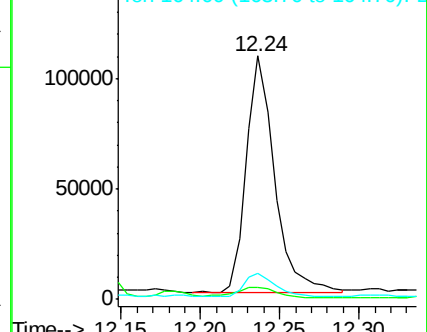
164 10.8 8.4 12.6



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: 3.35 ng

RT: 13.51 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

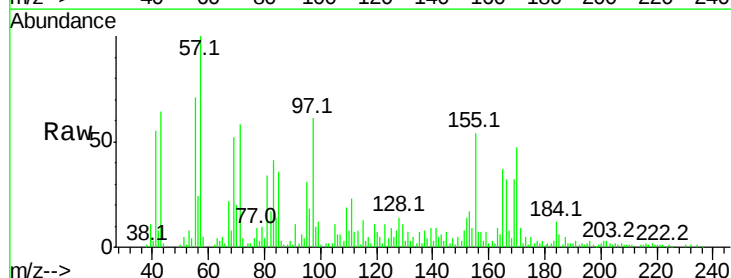
Tgt Ion:166 Resp: 31487

Ion Ratio Lower Upper

166 100

165 112.9 78.8 118.2

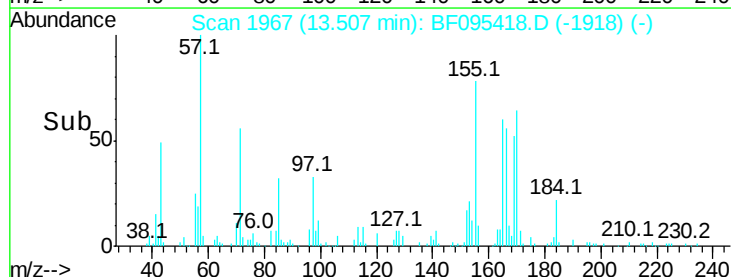
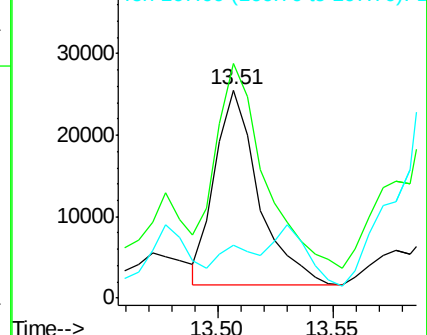
167 25.2 10.6 16.0#

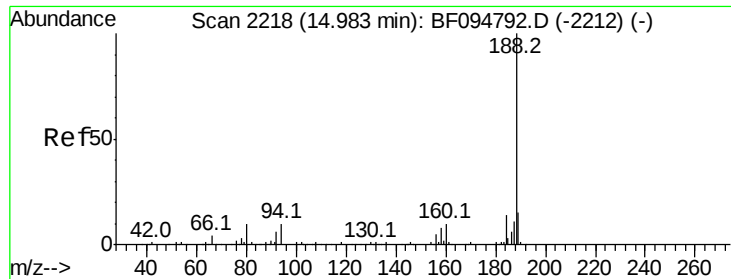


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

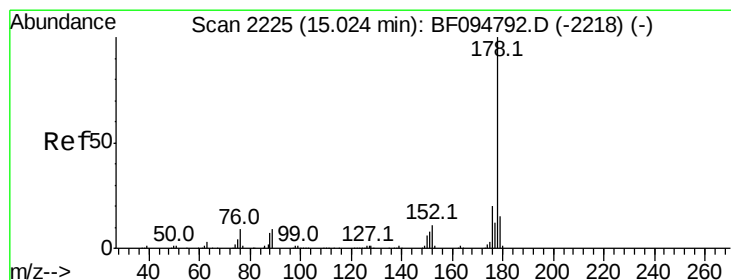
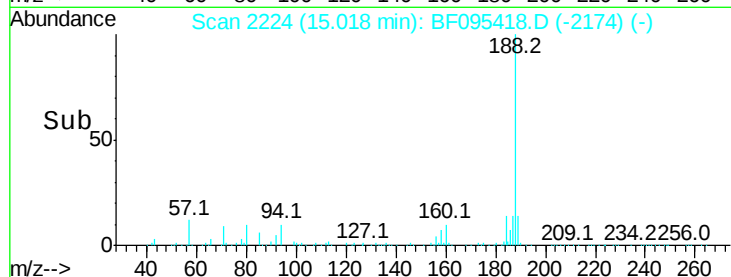
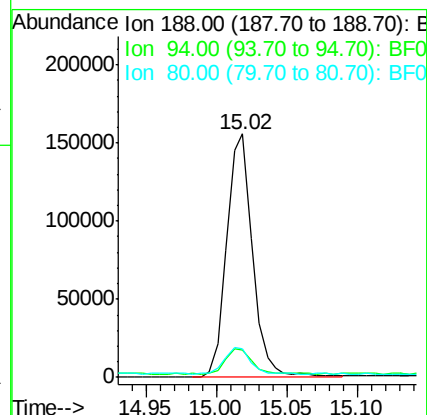
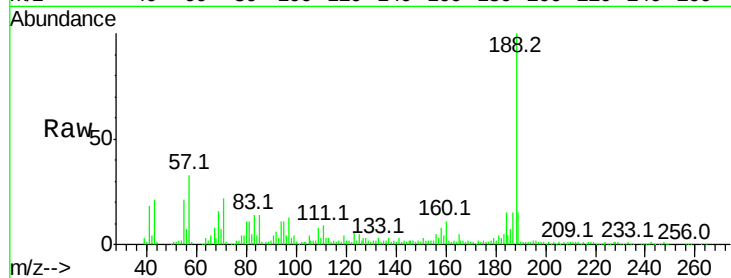




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095418.D
Acq: 25 May 2017 10:25

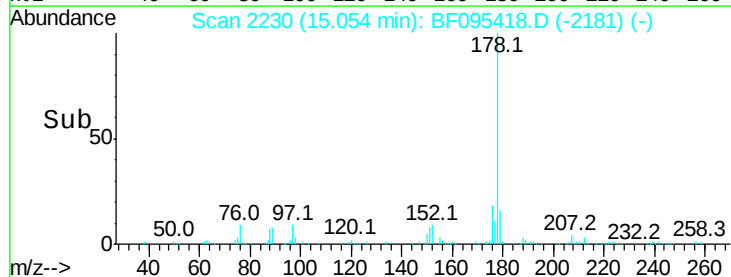
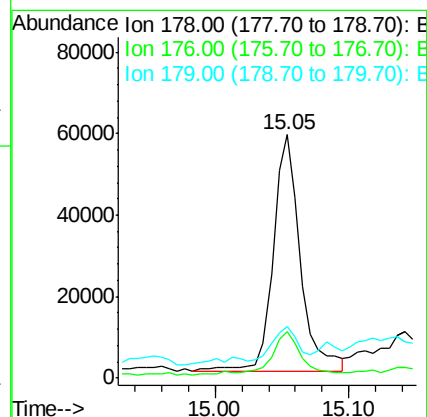
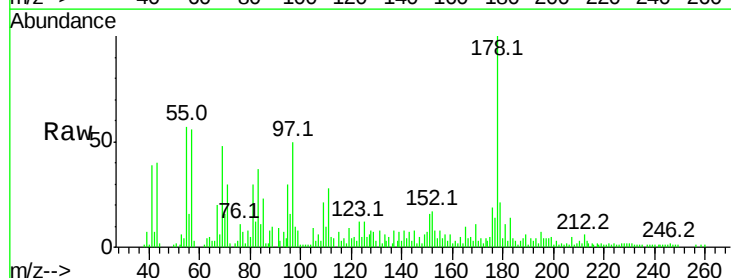
Instrument :
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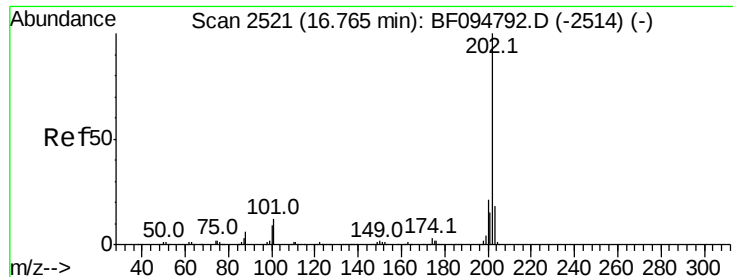
Tot Ion:188 Resp: 195605
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.5 10.2 15.2



#70
Phenanthrene
Concen: 7.44 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095418.D
Acq: 25 May 2017 10:25

Tgt Ion:178 Resp: 83604
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.4
179 21.3 12.6 19.0#





#74

Fluoranthene

Concen: 3.90 ng

RT: 16.79 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

Instrument :

BNA_F

ClientSampleId :

SB-8-6.0-6.5

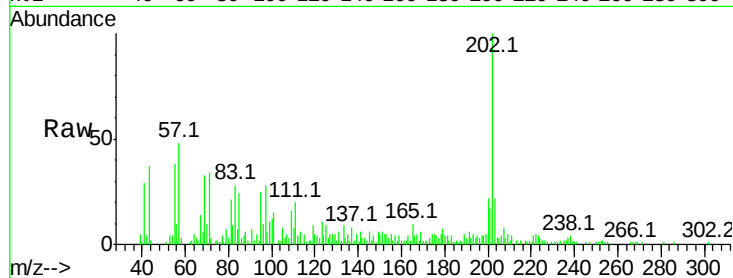
Tot Ion:202 Resp: 44913

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.2

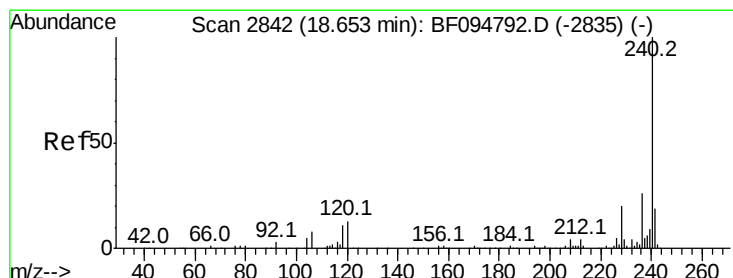
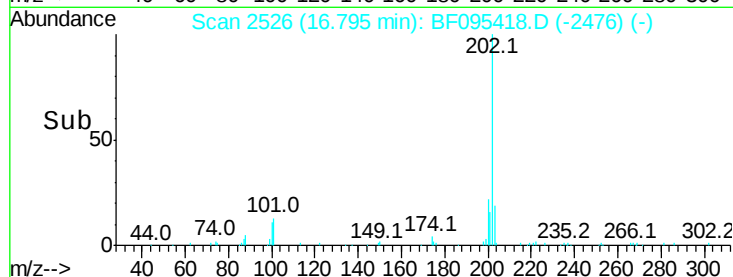
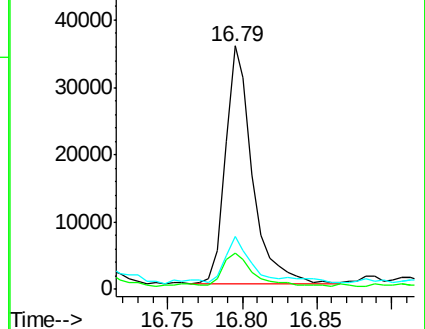
203 22.0 0.0 38.1



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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

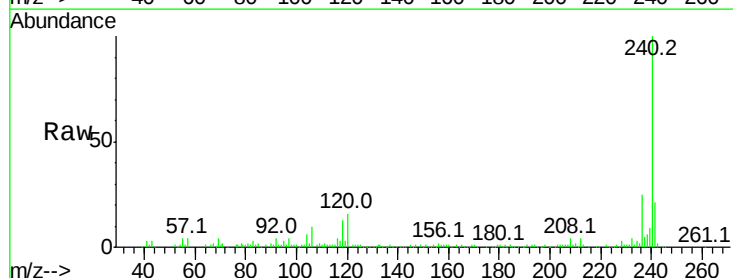
Tgt Ion:240 Resp: 176165

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

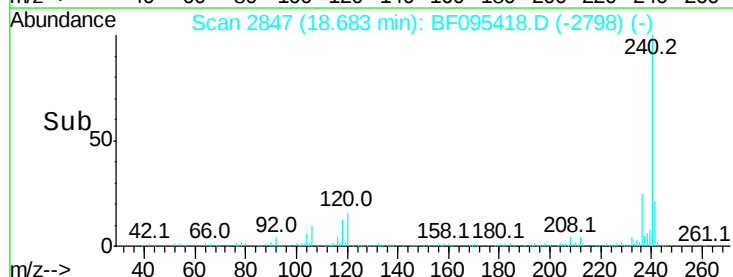
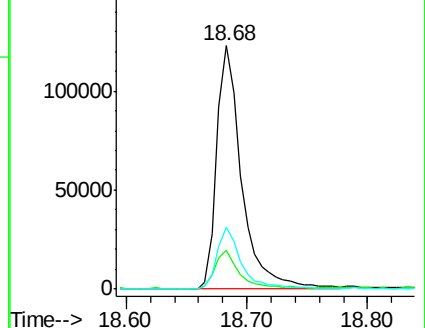
236 25.3 20.5 30.7

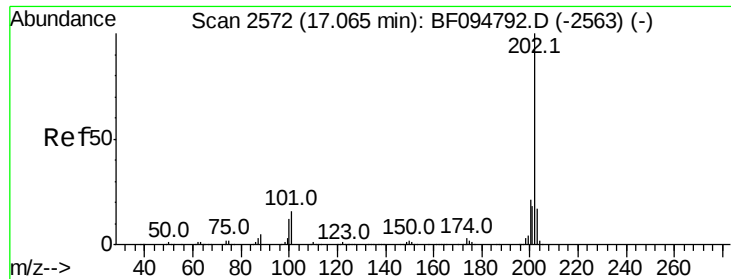


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.52 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

Instrument :

BNA_F

ClientSampleId :

SB-8-6.0-6.5

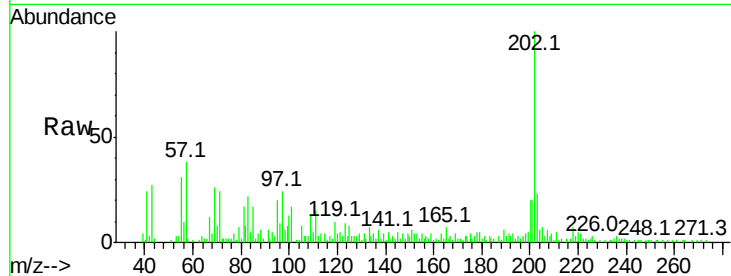
Tot Ion:202 Resp: 46386

Ion Ratio Lower Upper

202 100

200 20.3 17.6 26.4

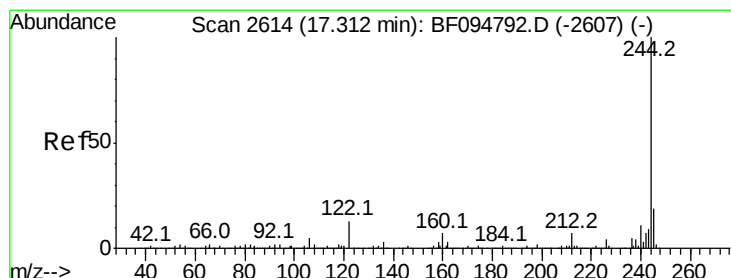
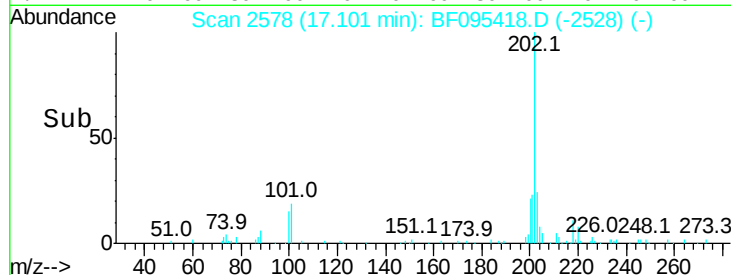
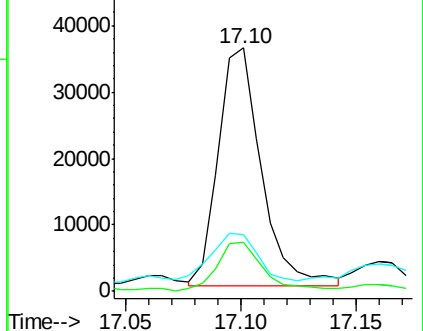
203 23.2 14.4 21.6#



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: 63.40 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095418.D

Acq: 25 May 2017 10:25

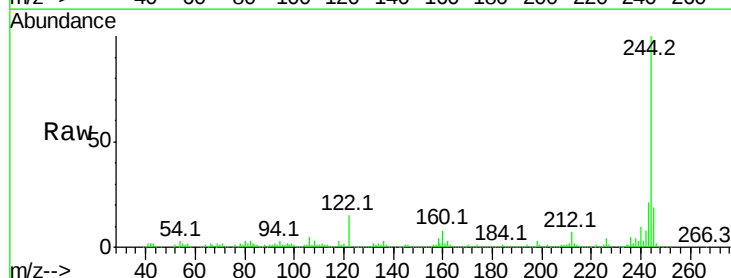
Tgt Ion:244 Resp: 507113

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

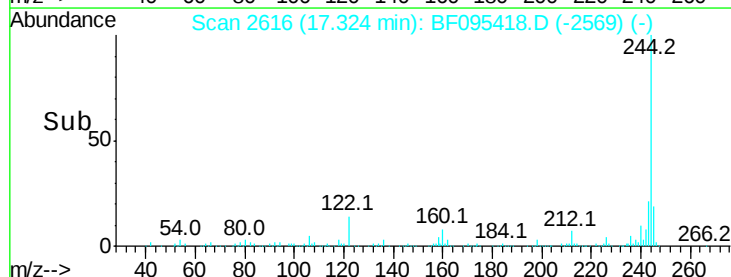
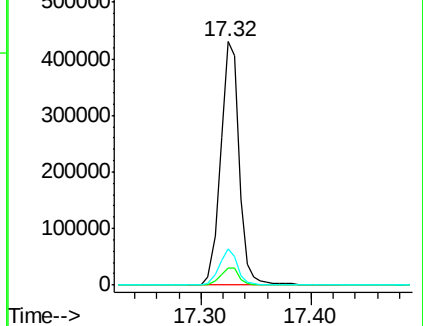
122 14.6 10.3 15.5

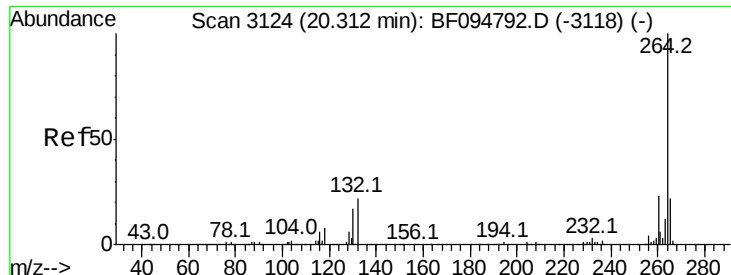


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

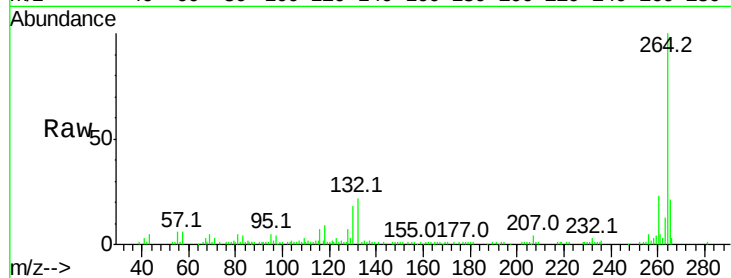




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095418.D
 Acq: 25 May 2017 10:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-6.0-6.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	17.2	25.8



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

