

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095407.D
 Acq On : 25 May 2017 4:33
 Operator : SJ/MA
 Sample : I3317-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-111

Quant Time: May 25 05:12:10 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

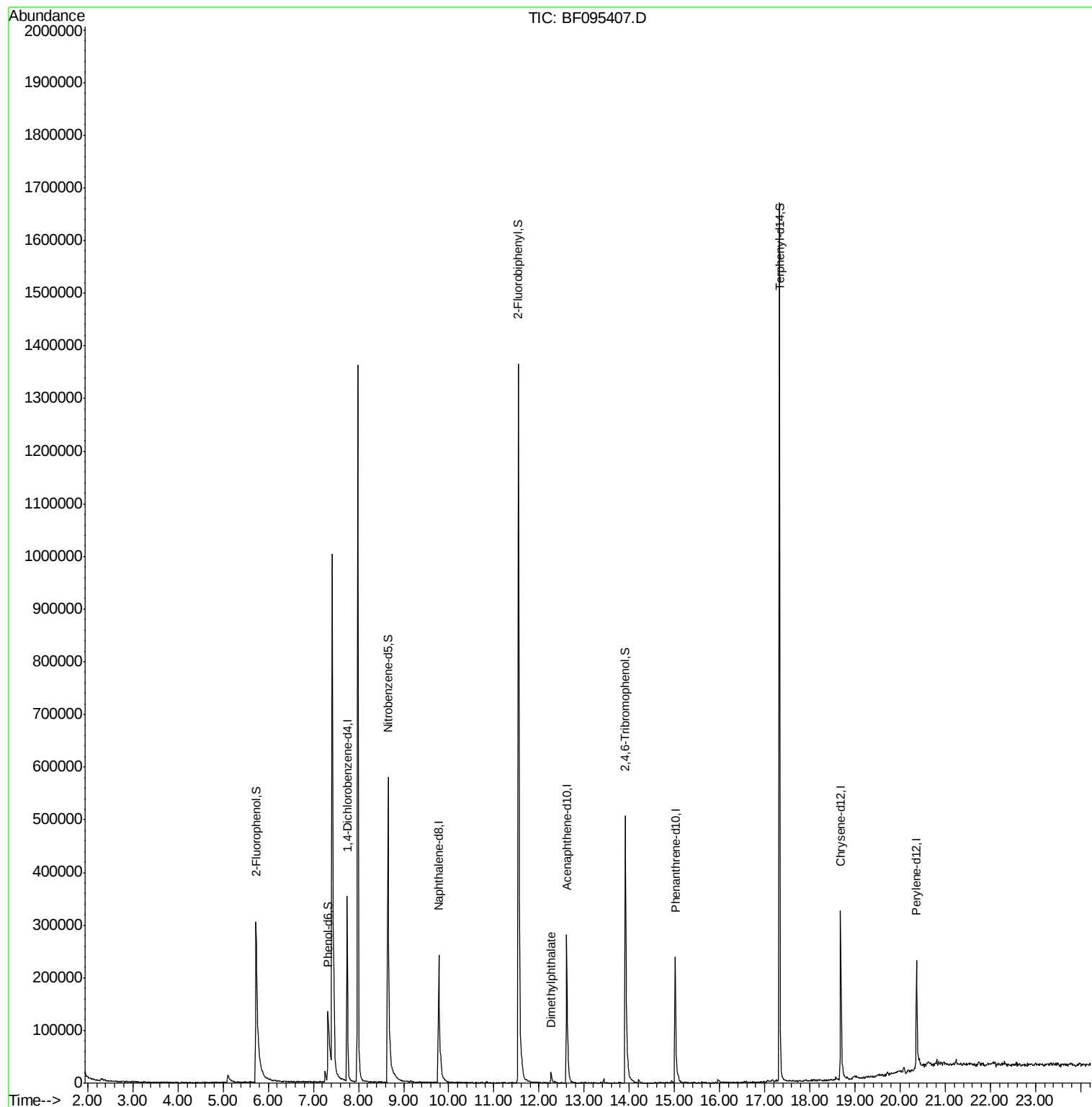
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	82398	20.00	ng	-0.02
21) Naphthalene-d8	9.78	136	305035	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	116711	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	203358	20.00	ng	0.00
75) Chrysene-d12	18.68	240	179607	20.00	ng	-0.01
86) Perylene-d12	20.37	264	114955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	316429	64.03	ng	0.00
7) Phenol-d6	7.32	99	211815	35.72	ng	0.01
23) Nitrobenzene-d5	8.65	82	449151	92.85	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	137113	143.45	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	943328	116.34	ng	-0.02
78) Terphenyl-d14	17.33	244	700684	85.93	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.27	163	25396	2.65	ng	Qvalue 98

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

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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: BF095407.D

Acq: 25 May 2017 4:33

Instrument :

BNA_F

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RAV-GT-111

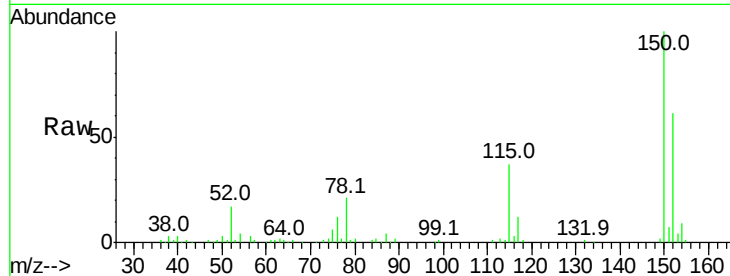
Tot Ion:152 Resp: 82398

Ion Ratio Lower Upper

152 100

150 164.0 126.2 189.2

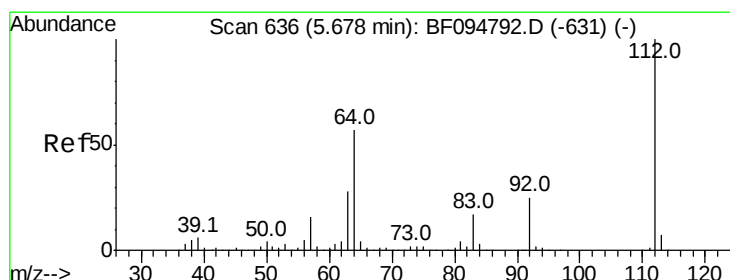
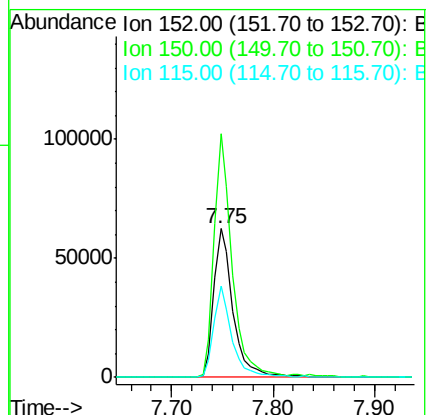
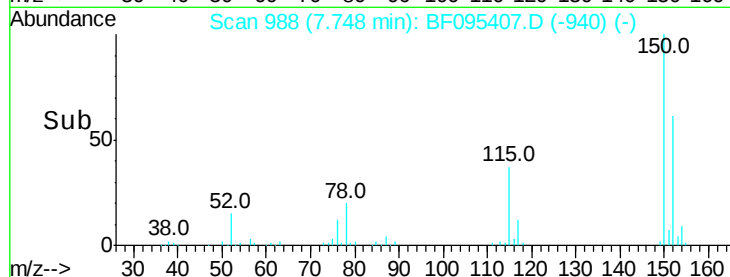
115 61.3 52.2 78.2



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: 64.03 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095407.D

Acq: 25 May 2017 4:33

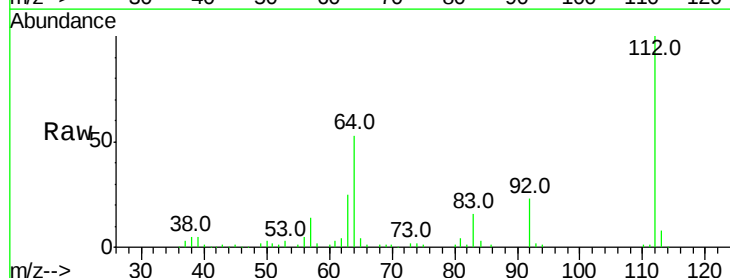
Tgt Ion:112 Resp: 316429

Ion Ratio Lower Upper

112 100

64 53.2 46.0 69.0

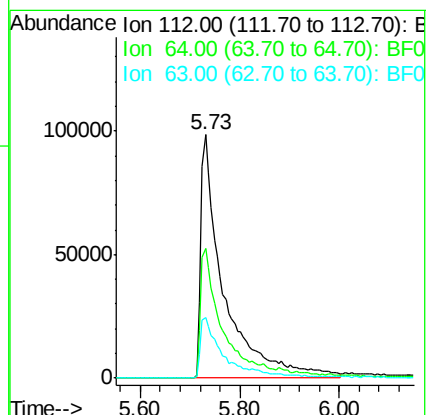
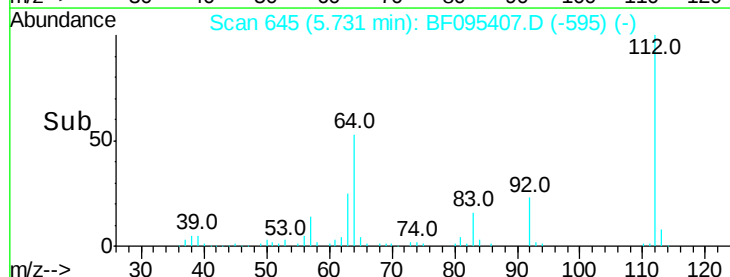
63 24.9 23.4 35.0

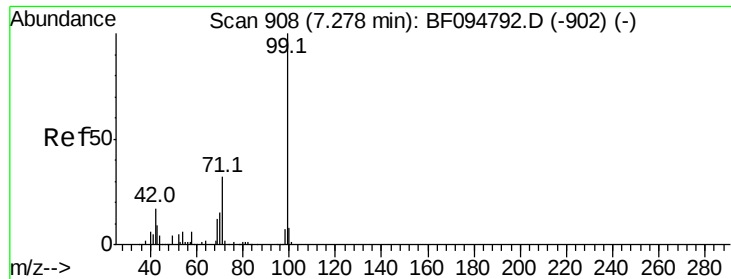


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.72 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF095407.D

Acq: 25 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

RAV-GT-111

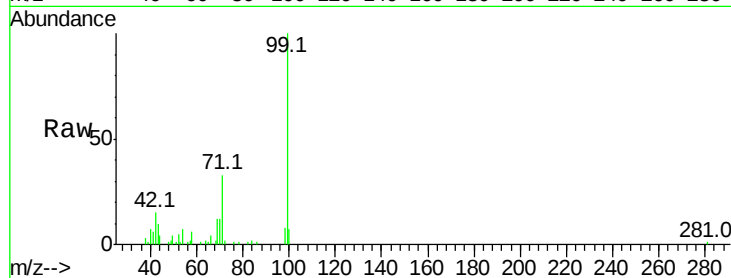
Tot Ion: 99 Resp: 211815

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

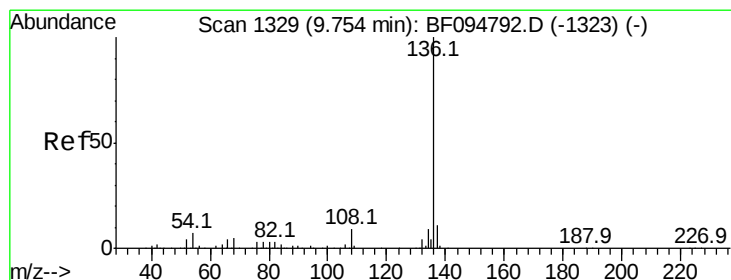
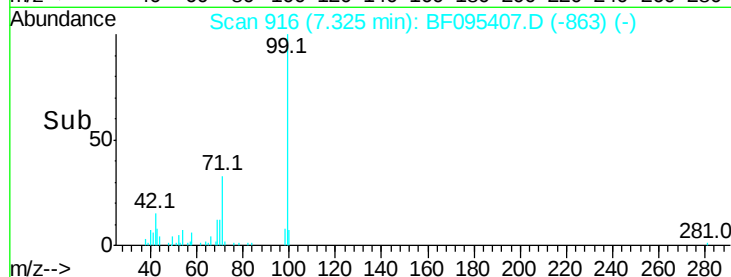
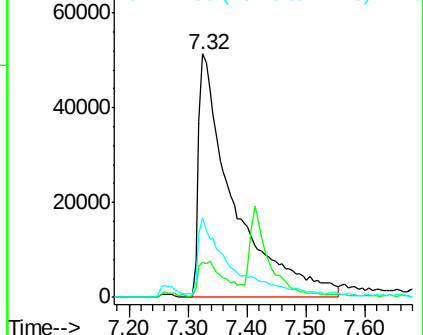
71 32.8 24.5 36.7



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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095407.D

Acq: 25 May 2017 4:33

Tgt Ion: 136 Resp: 305035

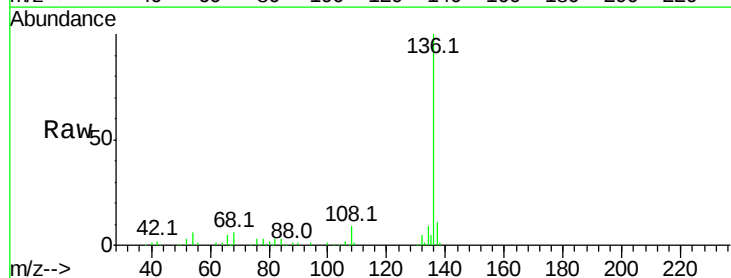
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.5 4.9 7.3

68 5.8 4.1 6.1

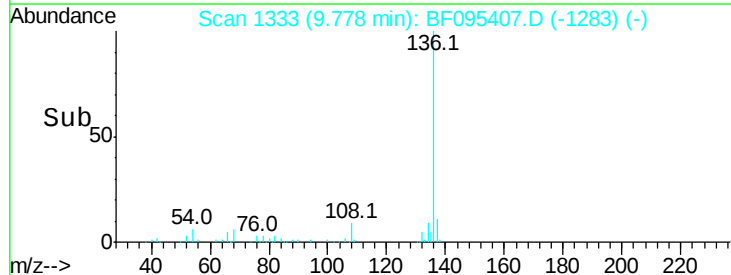
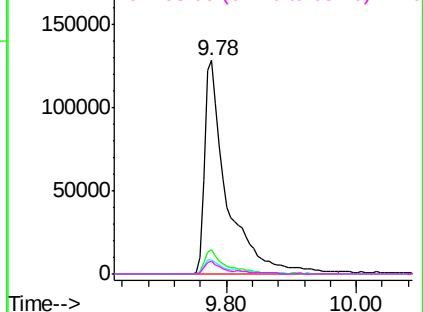


Abundance Ion 136.00 (135.70 to 136.70): E

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

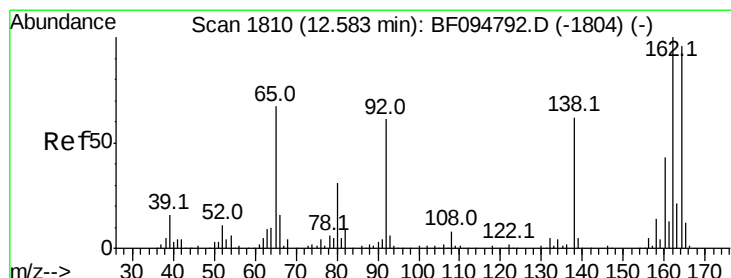
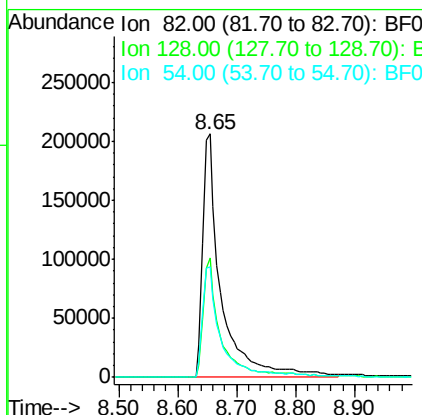
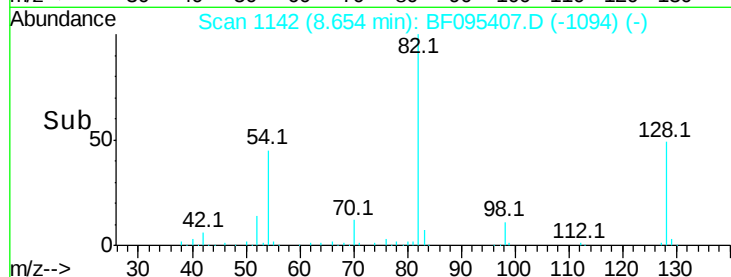
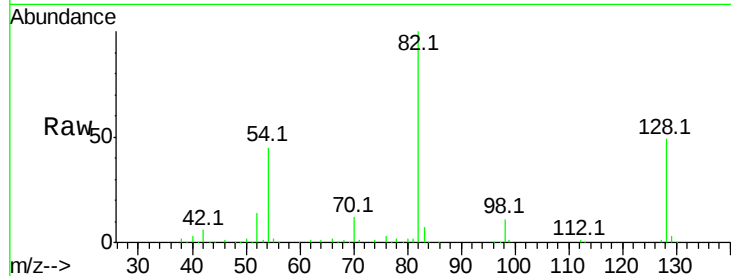




#23
Nitrobenzene-d5
Concen: 92.85 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095407.D
Acq: 25 May 2017 4:33

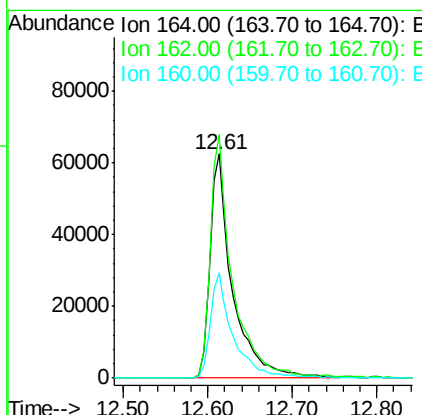
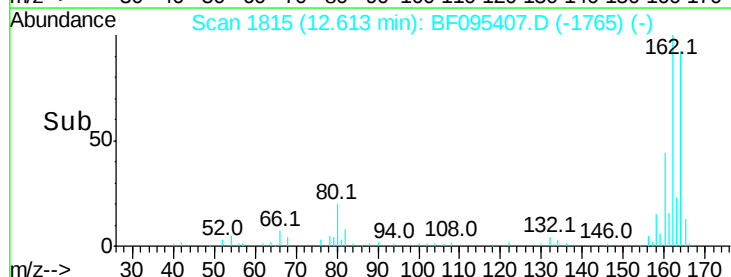
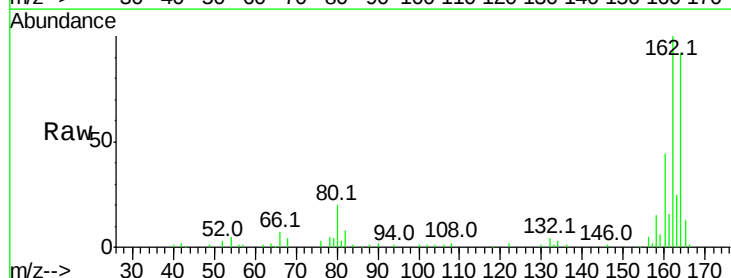
Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tot Ion: 82 Resp: 449151
Ion Ratio Lower Upper
82 100
128 49.2 34.0 51.0
54 45.4 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095407.D
Acq: 25 May 2017 4:33

Tgt Ion:164 Resp: 116711
Ion Ratio Lower Upper
164 100
162 108.5 82.6 123.8
160 47.2 36.2 54.2

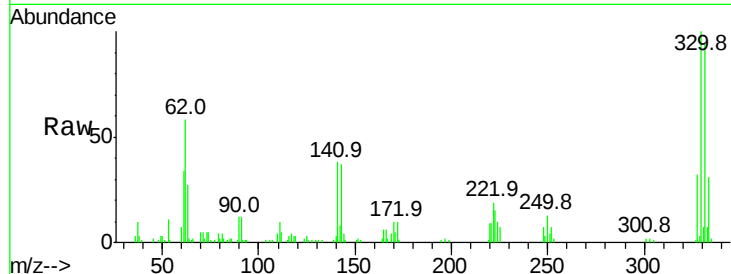




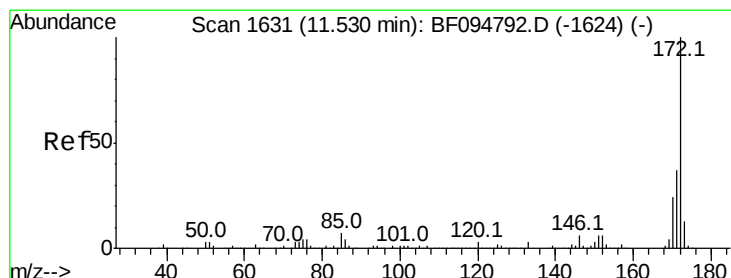
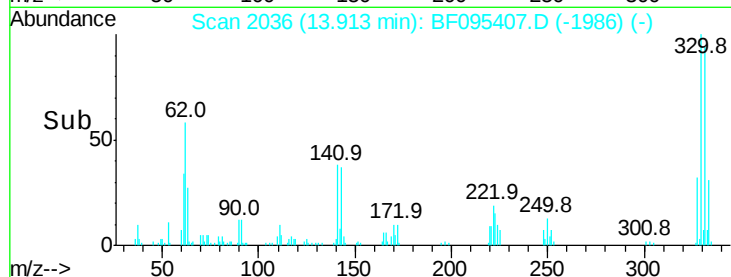
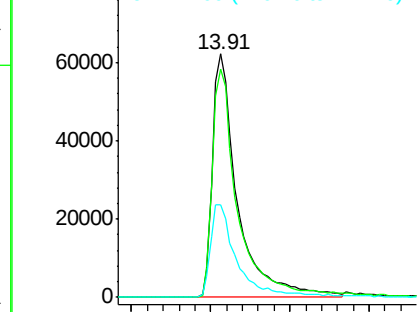
#41
 2,4,6-Tribromophenol
 Concen: 143.45 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095407.D
 Acq: 25 May 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-111

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	39.9	31.4	47.2

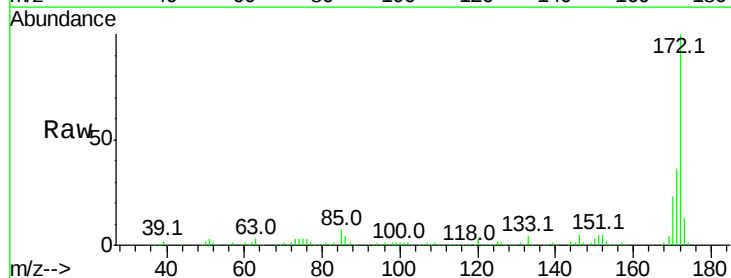


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

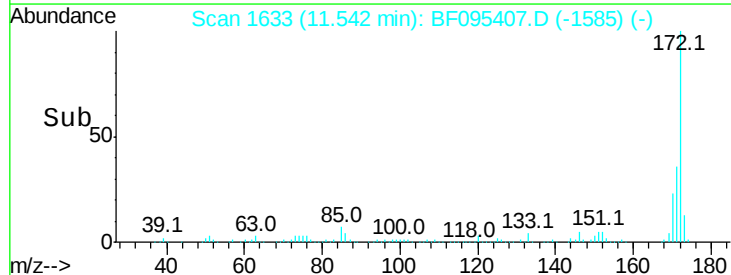
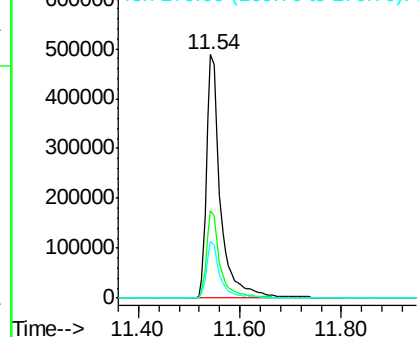


#44
 2-Fluorobiphenyl
 Concen: 116.34 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095407.D
 Acq: 25 May 2017 4:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.1	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: 2.65 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF095407.D

Acq: 25 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

RAV-GT-111

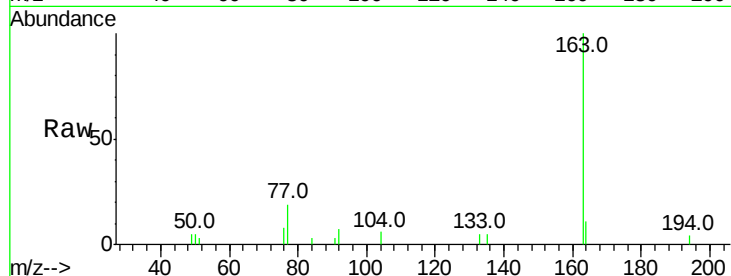
Tot Ion:163 Resp: 25396

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

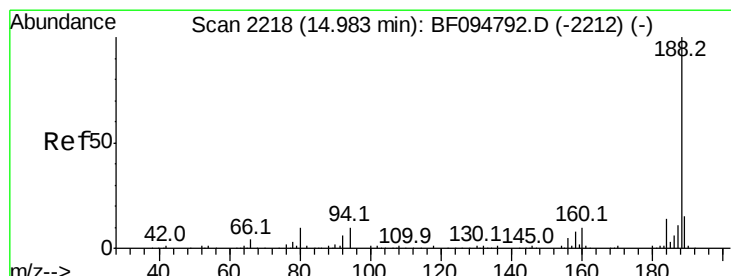
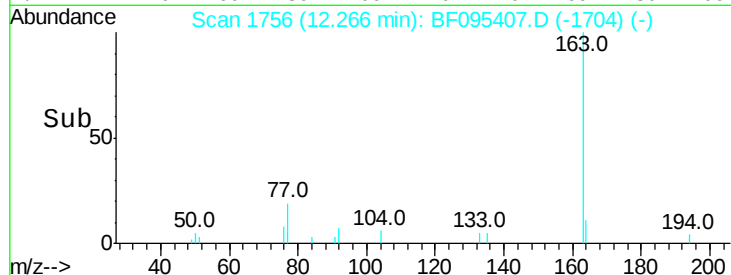
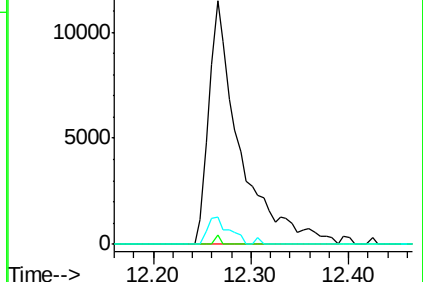
164 11.1 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF095407.D

Acq: 25 May 2017 4:33

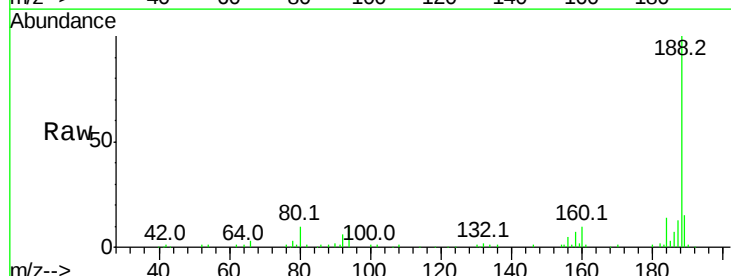
Tgt Ion:188 Resp: 203358

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

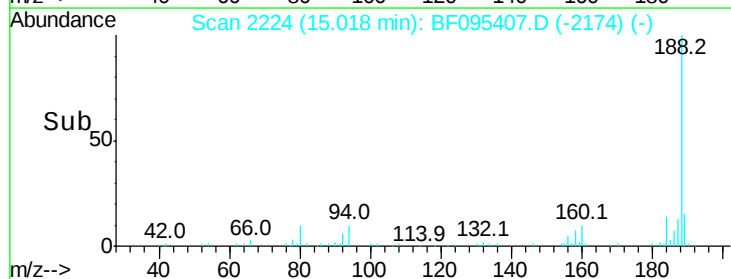
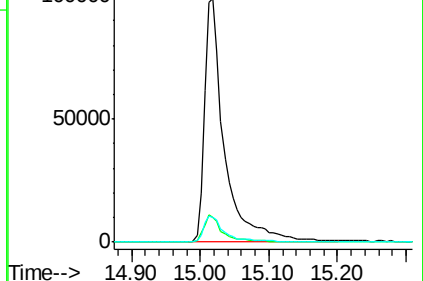
80 9.9 10.2 15.2#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095407.D

Acq: 25 May 2017 4:33

Instrument :

BNA_F

ClientSampleId :

RAV-GT-111

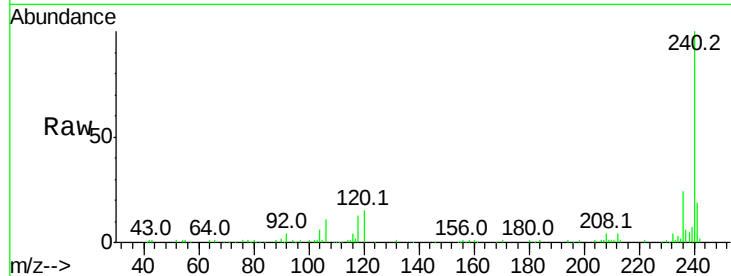
Tot Ion:240 Resp: 179607

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

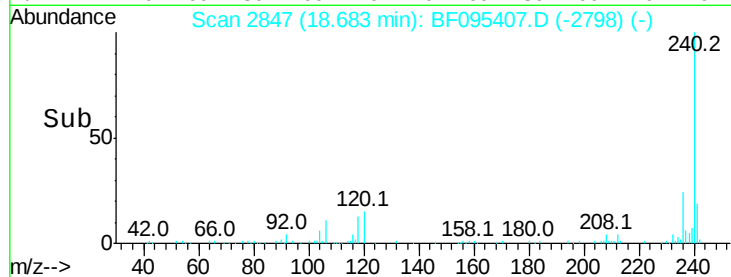
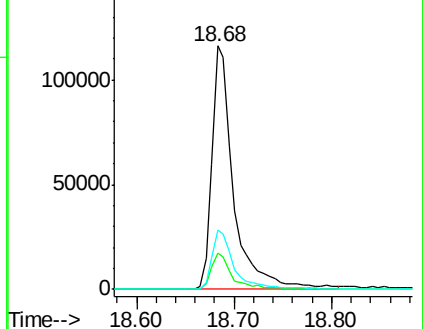
236 24.4 20.5 30.7



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



#78

Terphenyl-d14

Concen: 85.93 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095407.D

Acq: 25 May 2017 4:33

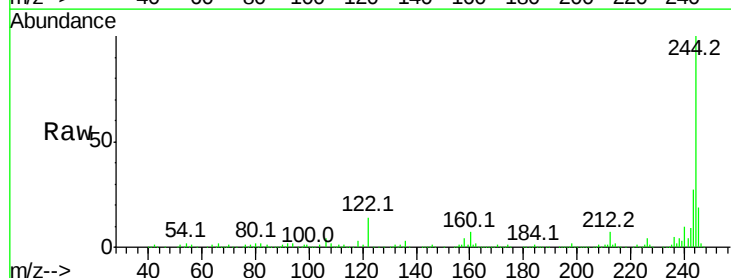
Tgt Ion:244 Resp: 700684

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

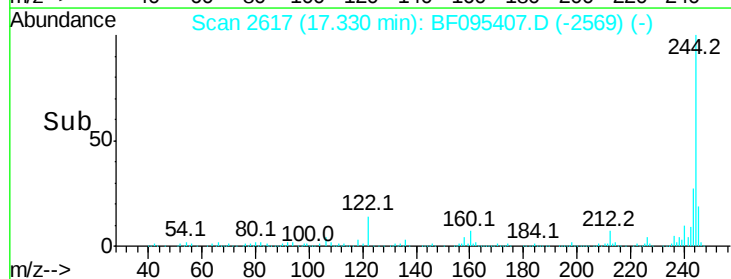
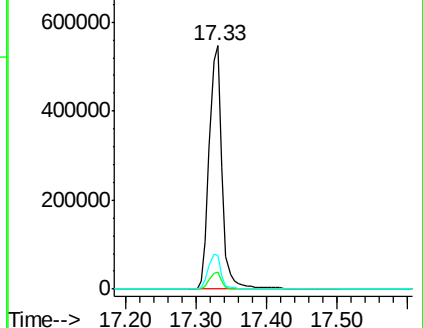
122 13.9 10.3 15.5

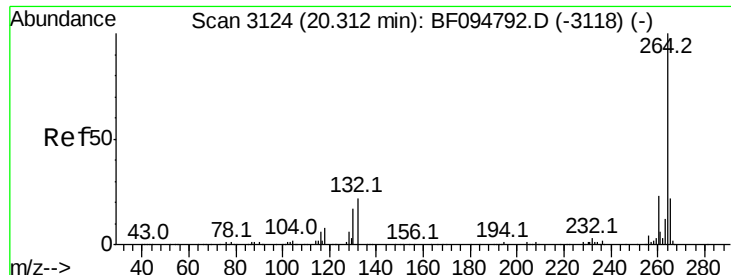


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

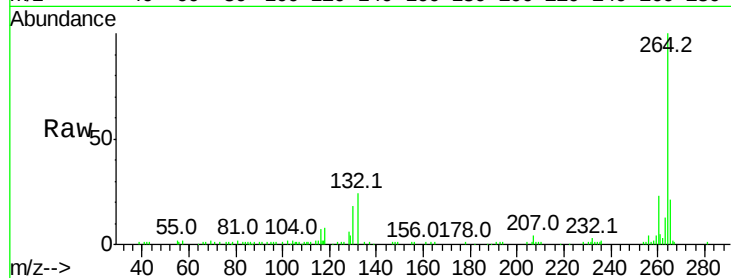




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095407.D
Acq: 25 May 2017 4:33

Instrument :
BNA_F
ClientSampleId :
RAV-GT-111

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.9	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

