

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095486.D
 Acq On : 27 May 2017 6:02
 Operator : SJ/MA
 Sample : I3350-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-202

Quant Time: May 27 07:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88339	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	332956	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	135907	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	188830	20.00	ng	0.01
75) Chrysene-d12	18.68	240	171689	20.00	ng	0.00
86) Perylene-d12	20.36	264	117667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	275662	52.03	ng	0.02
7) Phenol-d6	7.32	99	189585	29.82	ng	0.03
23) Nitrobenzene-d5	8.65	82	480624	91.03	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	124746	112.08	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1051607	111.37	ng	0.00
78) Terphenyl-d14	17.32	244	629920	80.81	ng	0.00

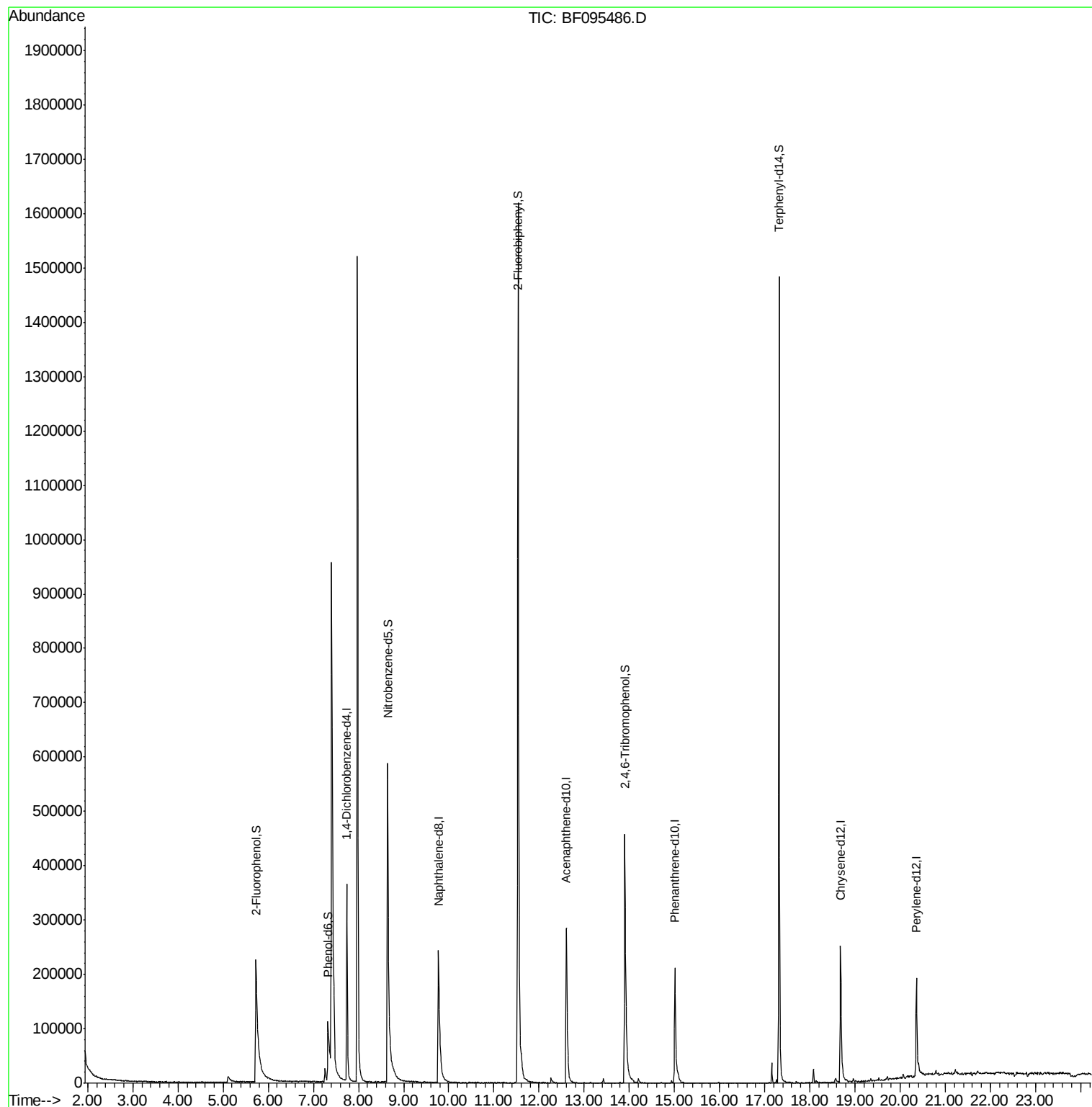
Target Compounds Qvalue

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

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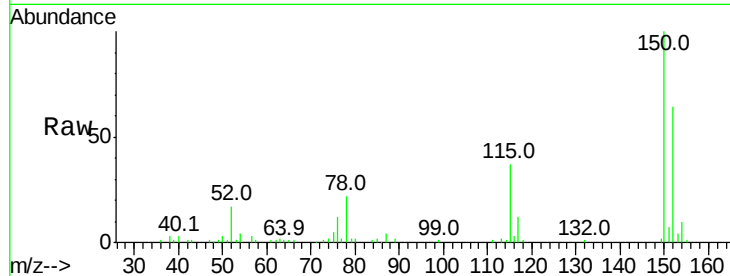


#1

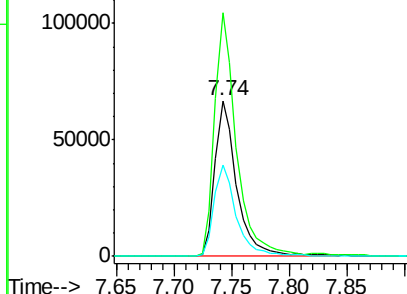
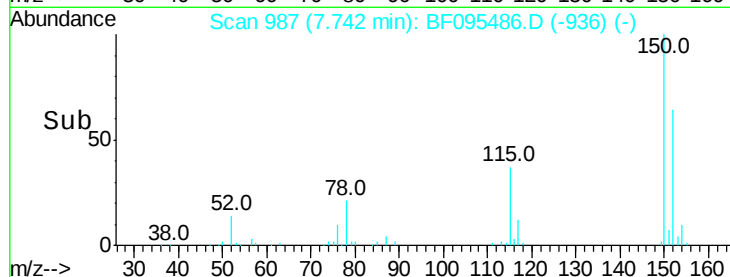
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.74 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-202

Tot Ion:152 Resp: 88339
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 58.6 52.2 78.2



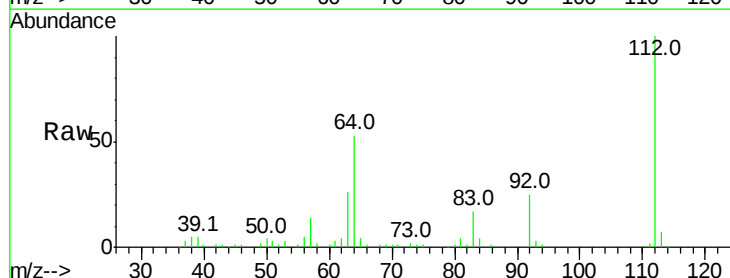
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



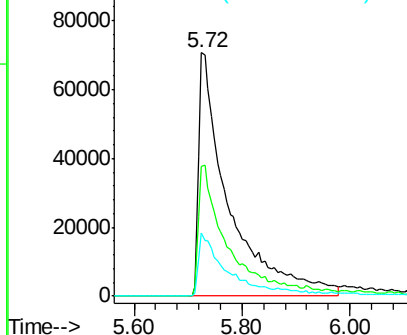
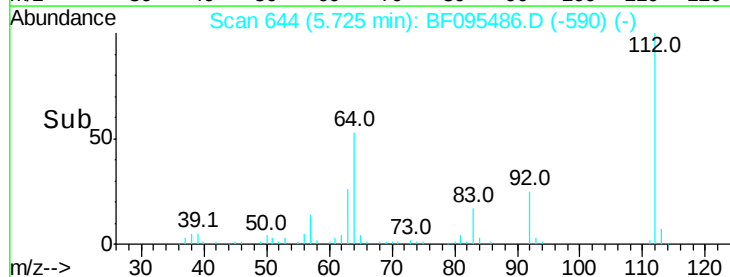
#5

2-Fluorophenol
 Concen: 52.03 ng
 RT: 5.72 min Scan# 644
 Delta R.T. 0.02 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

Tgt Ion:112 Resp: 275662
 Ion Ratio Lower Upper
 112 100
 64 53.4 46.0 69.0
 63 25.9 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: 29.82 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.03 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

Instrument :

BNA_F

ClientSampleId :

RAV-GT-202

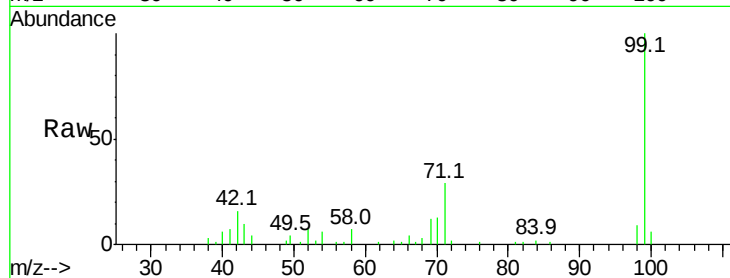
Tot Ion: 99 Resp: 189585

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

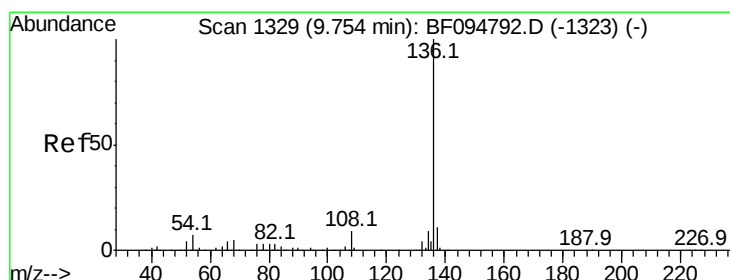
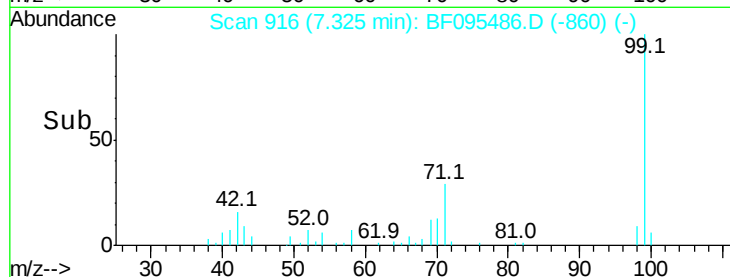
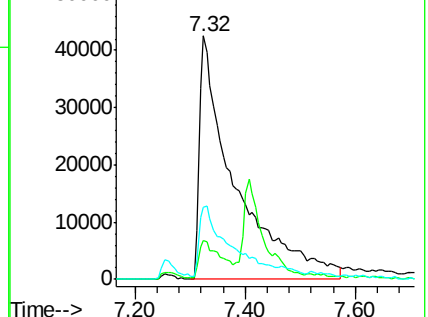
71 29.4 24.5 36.7



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: BF095486.D

Acq: 27 May 2017 6:02

Tgt Ion: 136 Resp: 332956

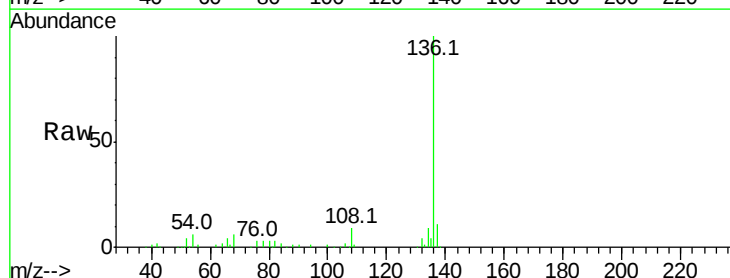
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.3 4.9 7.3

68 5.7 4.1 6.1

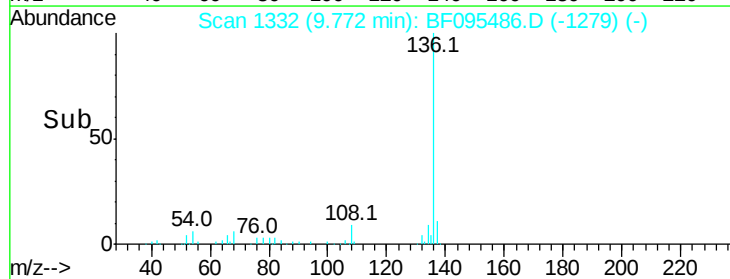
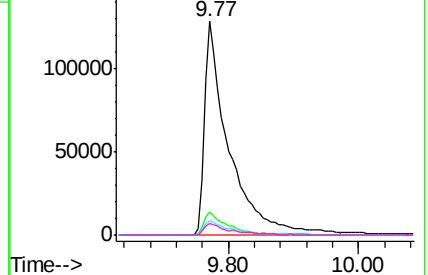


Abundance Ion 136.00 (135.70 to 136.70): E

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

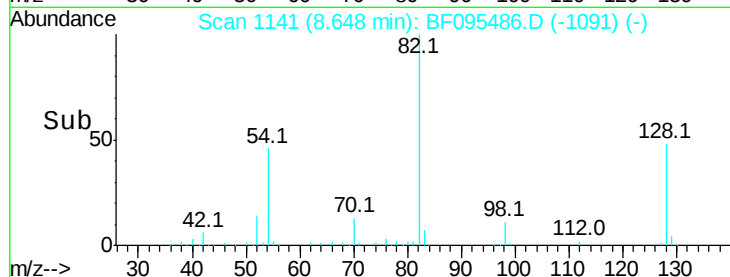
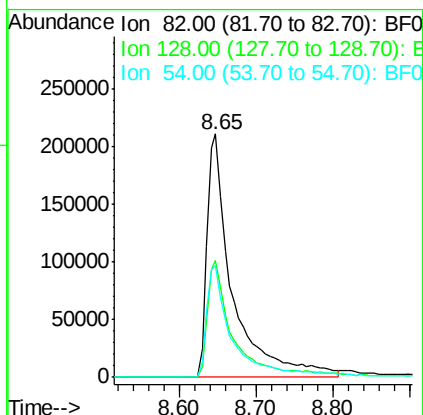
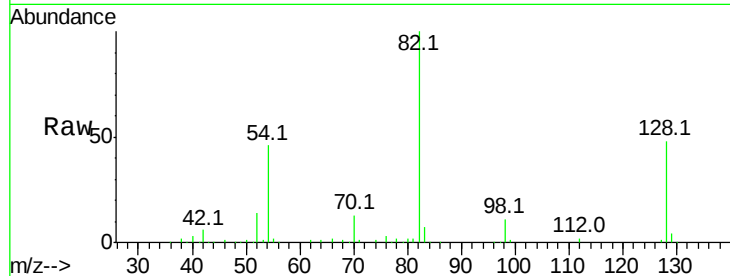




#23
 Nitrobenzene-d5
 Concen: 91.03 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

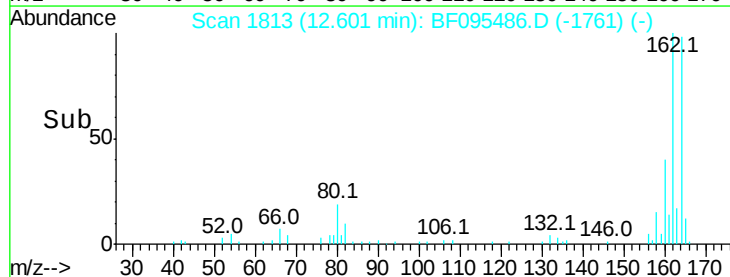
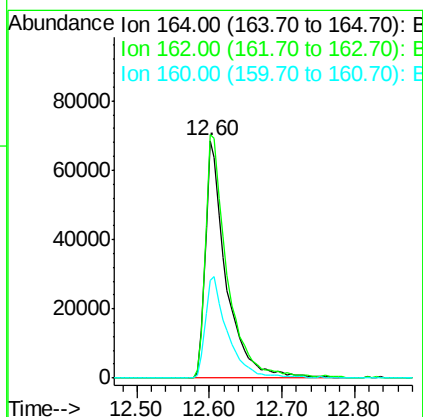
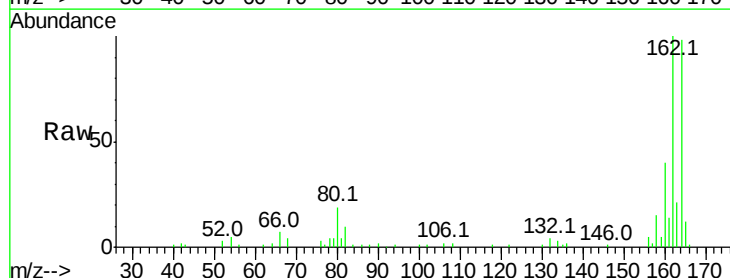
Instrument :
 BNA_F
 ClientSampled :
 RAV-GT-202

Tot Ion: 82 Resp: 480624
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 45.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

Tgt Ion:164 Resp: 135907
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 41.4 36.2 54.2

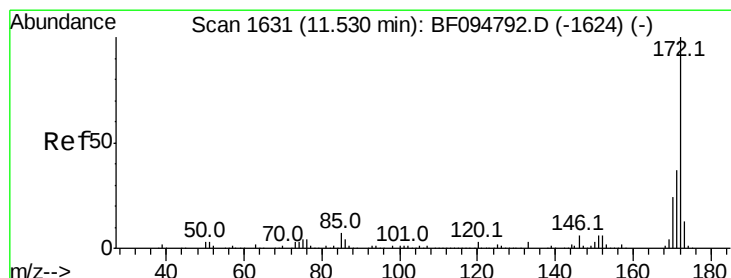
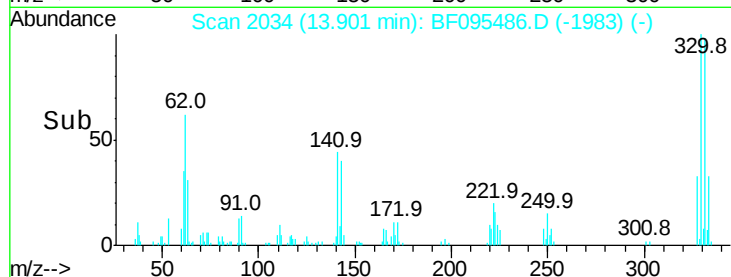
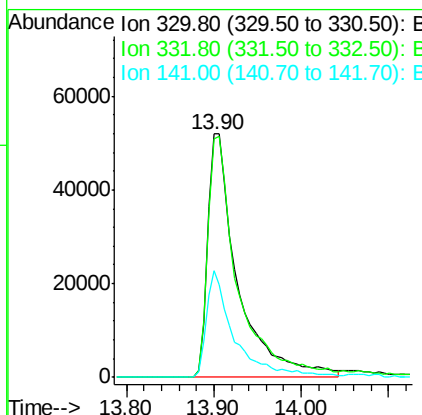
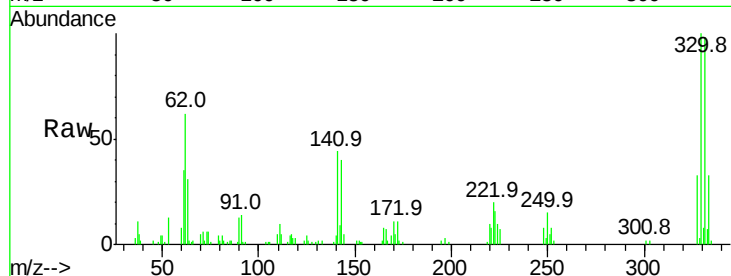




#41
 2,4,6-Tribromophenol
 Concen: 112.08 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

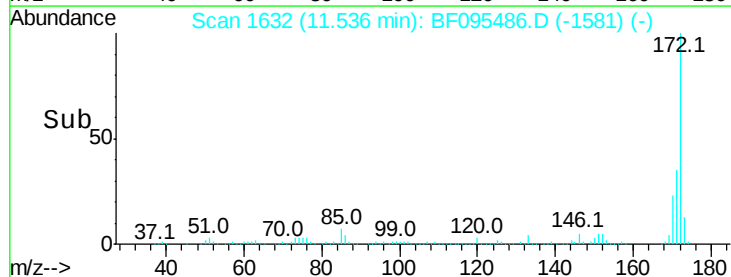
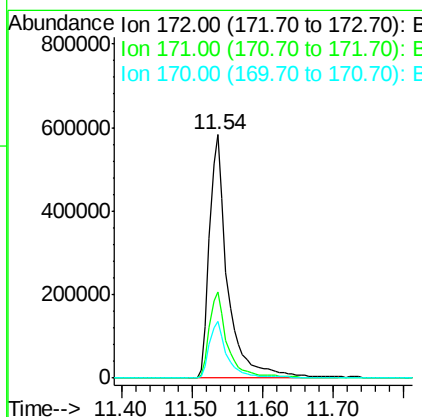
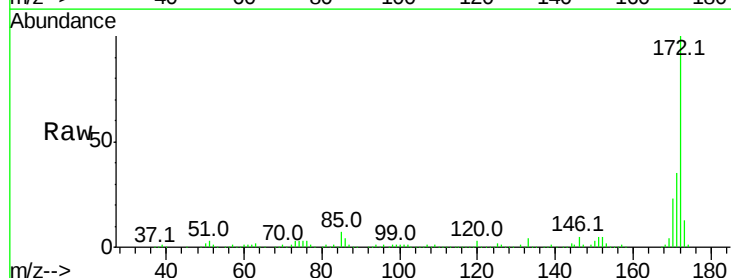
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-202

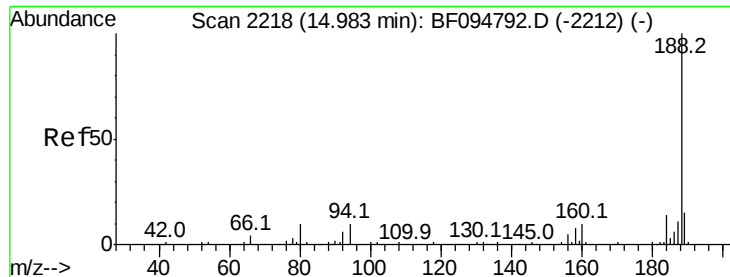
Tot Ion:330 Resp: 124746
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 40.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 111.37 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095486.D
 Acq: 27 May 2017 6:02

Tgt Ion:172 Resp: 1051607
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.2 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

Instrument :

BNA_F

ClientSampleId :

RAV-GT-202

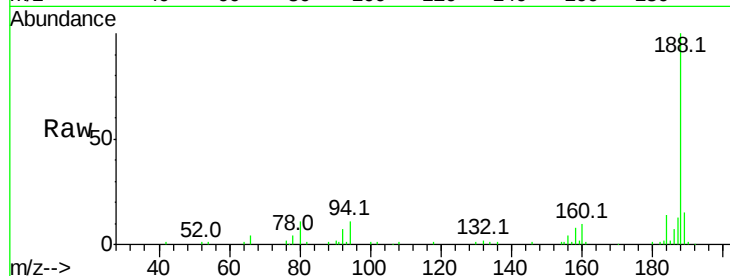
Tot Ion:188 Resp: 188830

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

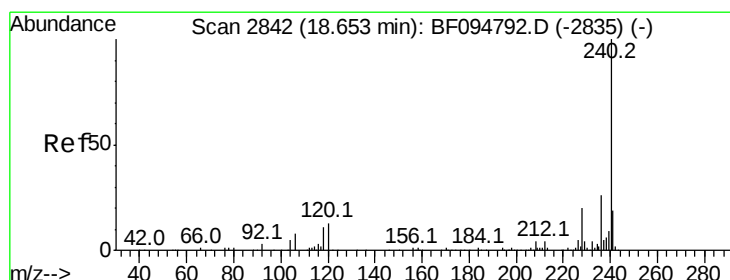
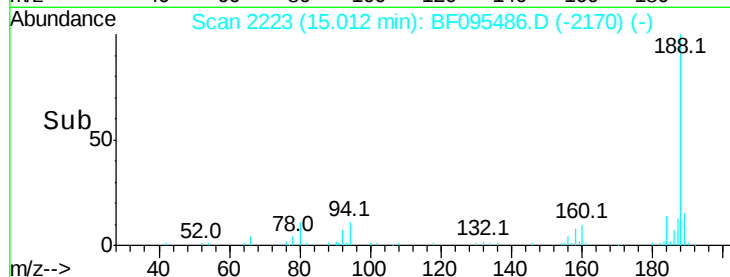
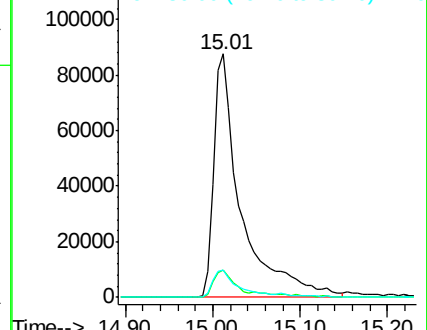
80 11.1 10.2 15.2



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: BF095486.D

Acq: 27 May 2017 6:02

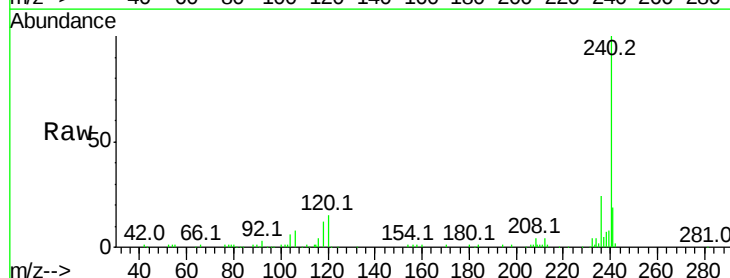
Tgt Ion:240 Resp: 171689

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

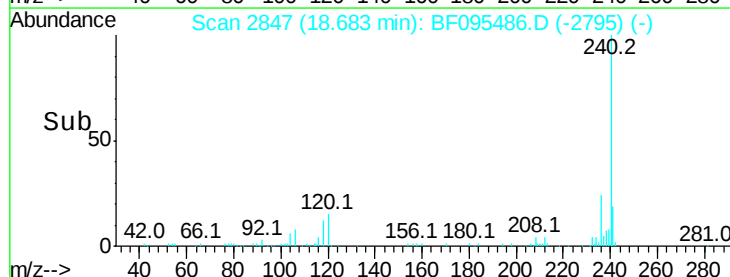
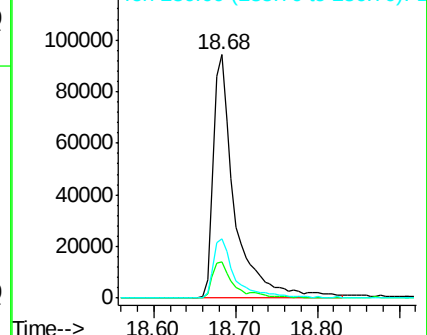
236 24.3 20.5 30.7

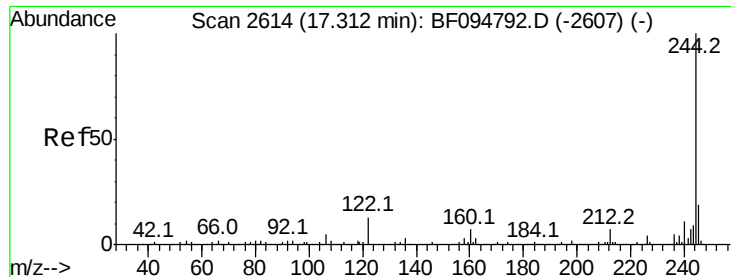


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.81 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

Instrument :

BNA_F

ClientSampleId :

RAV-GT-202

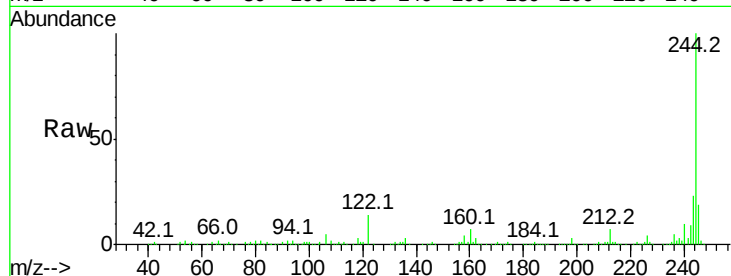
Tot Ion:244 Resp: 629920

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

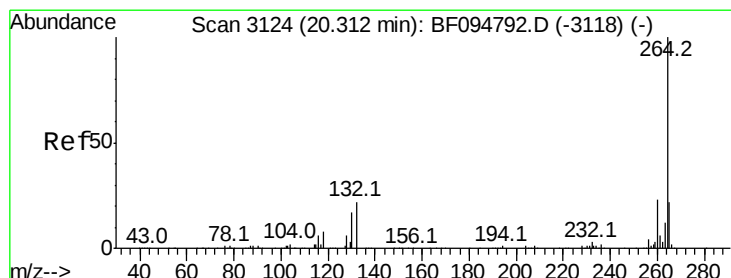
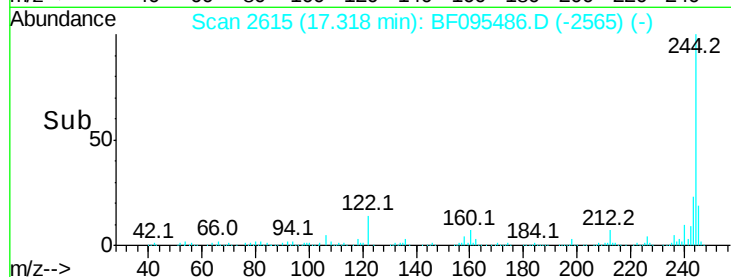
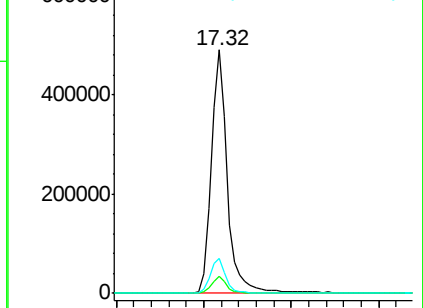
122 14.1 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BF095486.D

Acq: 27 May 2017 6:02

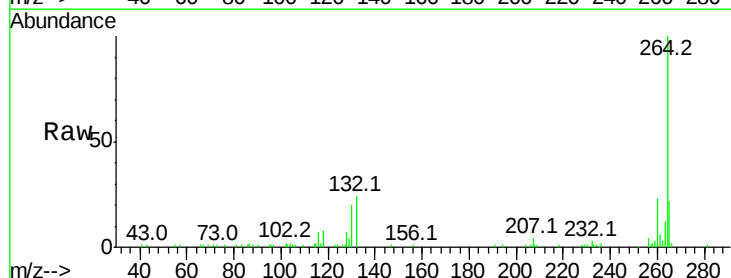
Tgt Ion:264 Resp: 117667

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.8 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

