

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095487.D
 Acq On : 27 May 2017 6:34
 Operator : SJ/MA
 Sample : I3364-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

Quant Time: May 27 07:11:05 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

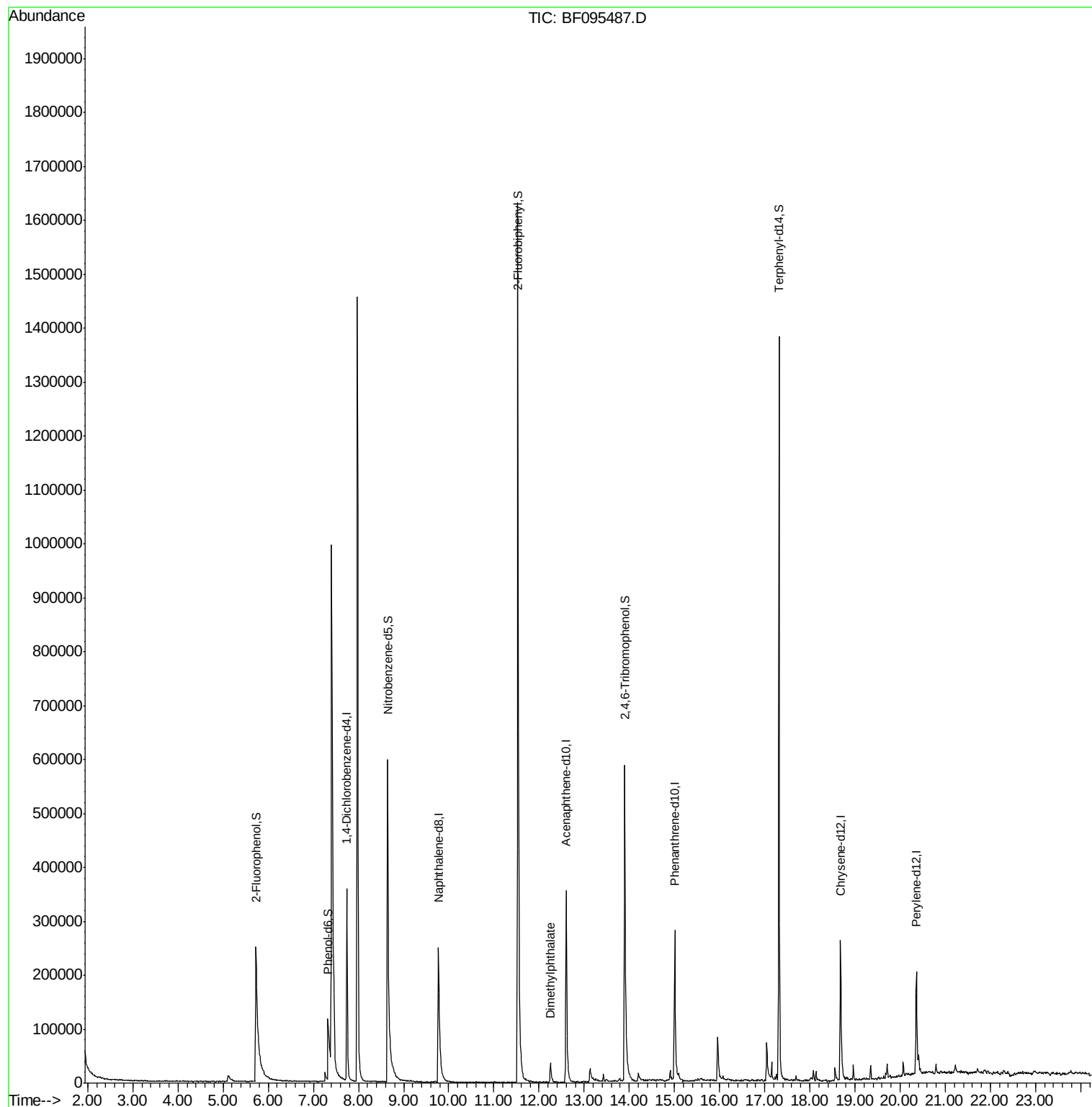
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	85237	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	327903	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	136363	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	197938	20.00	ng	0.00
75) Chrysene-d12	18.68	240	165742	20.00	ng	0.00
86) Perylene-d12	20.36	264	123235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	295318	57.76	ng	0.02
7) Phenol-d6	7.32	99	207559	33.84	ng	0.03
23) Nitrobenzene-d5	8.65	82	479150	92.14	ng	0.00
41) 2,4,6-Tribromophenol	13.90	330	138241	123.79	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1039827	109.76	ng	0.00
78) Terphenyl-d14	17.32	244	559240	74.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.25	163	35830	3.20	ng	Qvalue 97

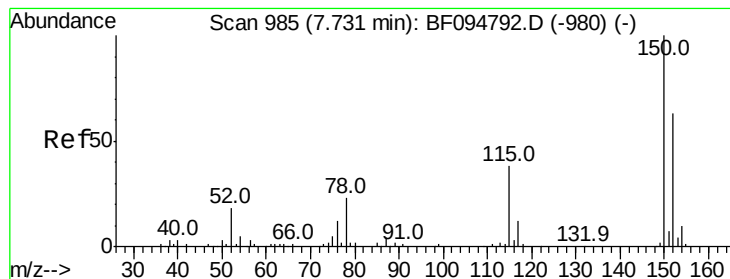
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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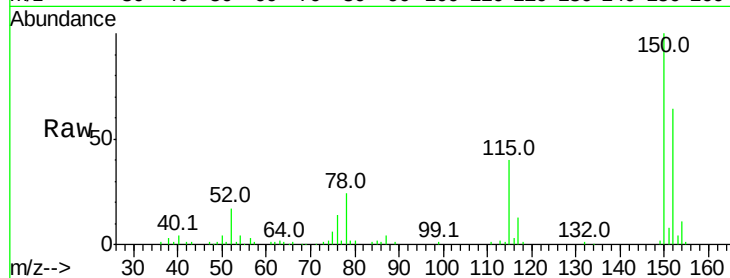


#1

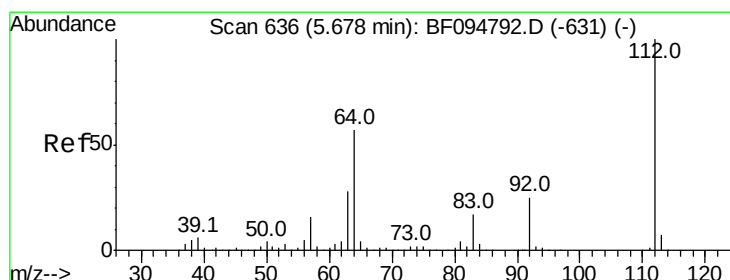
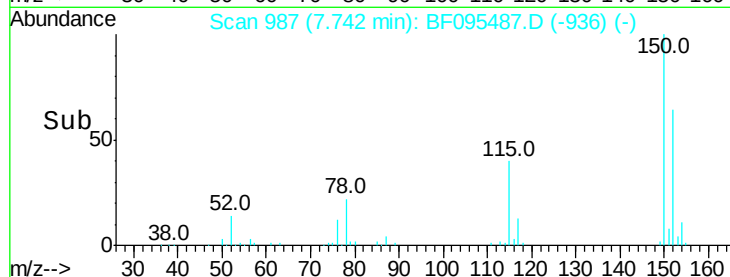
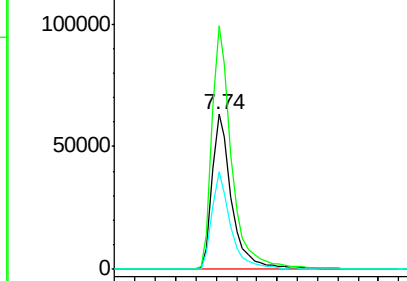
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095487.D
Acq: 27 May 2017 6:34

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tot Ion:152 Resp: 85237
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 62.8 52.2 78.2



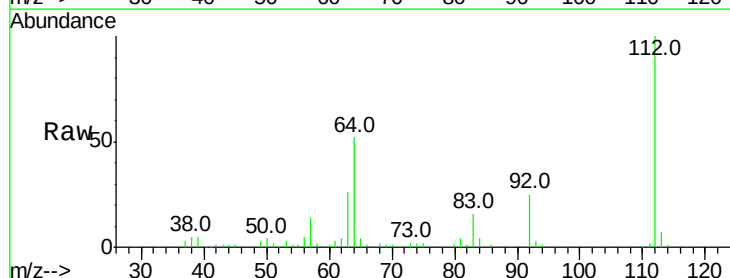
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



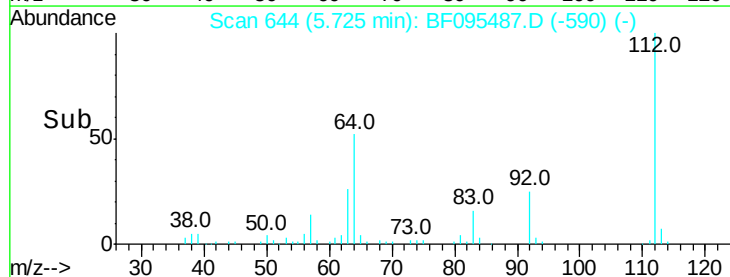
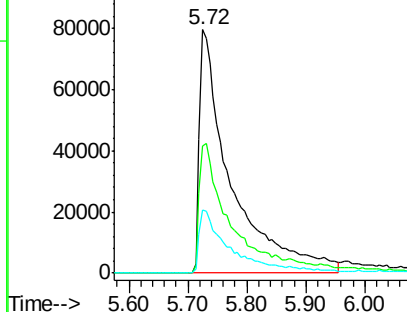
#5

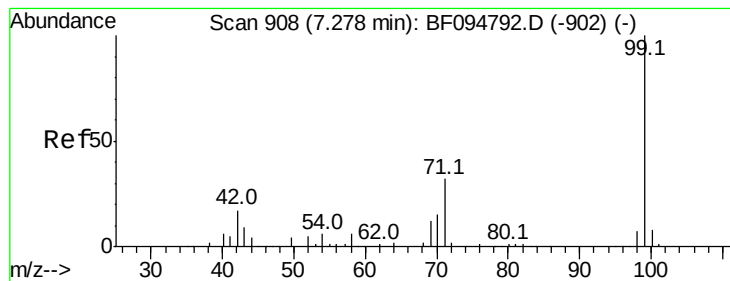
2-Fluorophenol
Concen: 57.76 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095487.D
Acq: 27 May 2017 6:34

Tgt Ion:112 Resp: 295318
Ion Ratio Lower Upper
112 100
64 52.3 46.0 69.0
63 25.8 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: 33.84 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.03 min

Lab File: BF095487.D

Acq: 27 May 2017 6:34

Instrument :

BNA_F

ClientSampleId :

RAV-GT-105

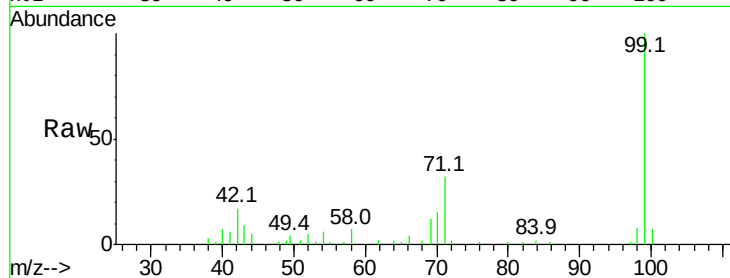
Tot Ion: 99 Resp: 207559

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

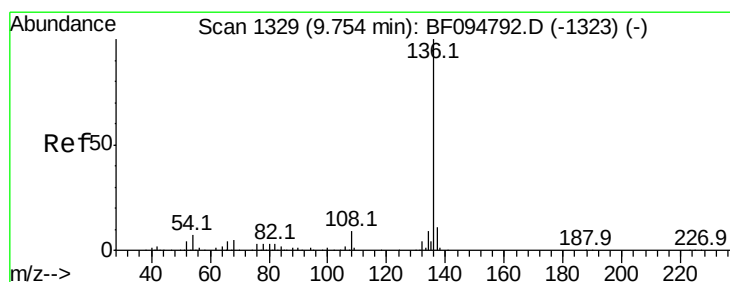
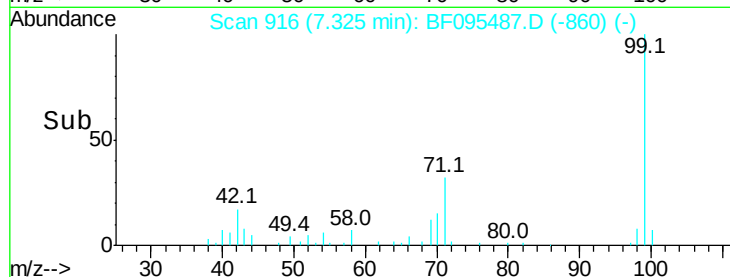
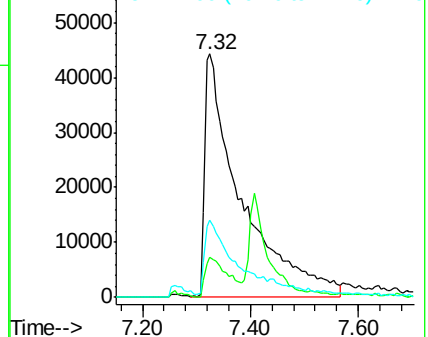
71 31.7 24.5 36.7



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: BF095487.D

Acq: 27 May 2017 6:34

Tgt Ion: 136 Resp: 327903

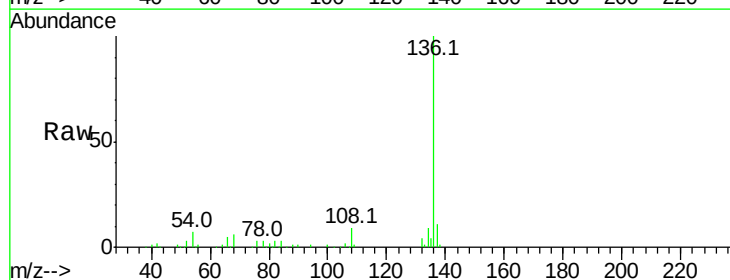
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.4 4.9 7.3#

68 5.5 4.1 6.1

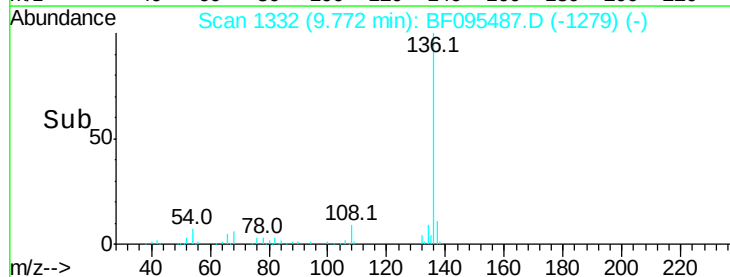
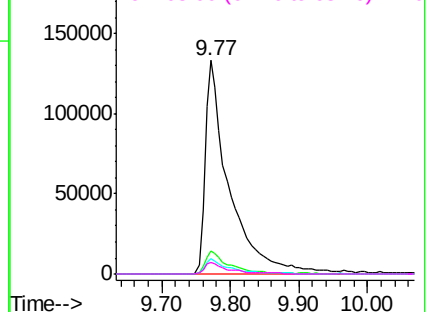


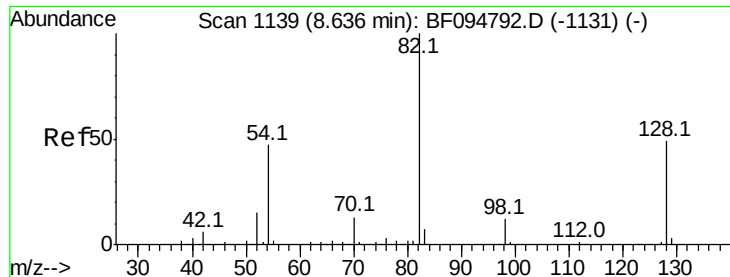
Abundance Ion 136.00 (135.70 to 136.70): E

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

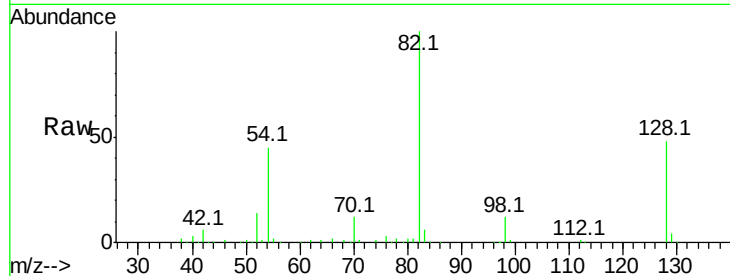




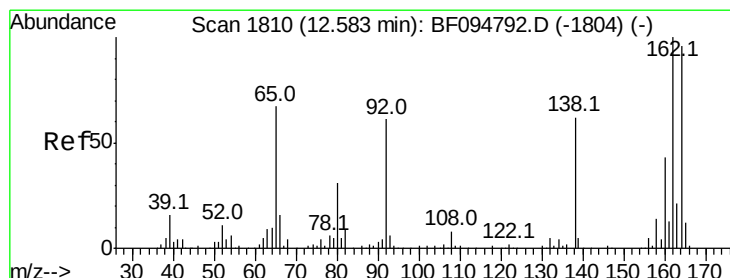
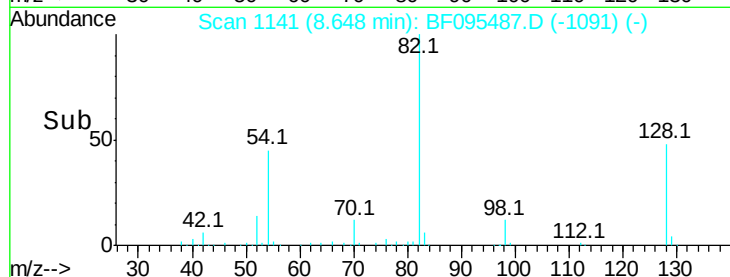
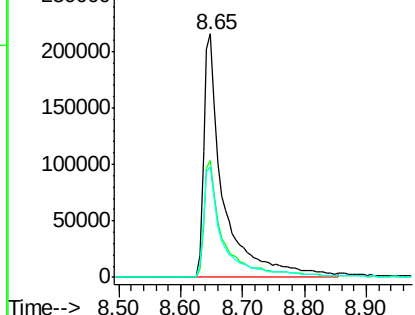
#23
Nitrobenzene-d5
Concen: 92.14 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095487.D
Acq: 27 May 2017 6:34

Instrument :
BNA_F
ClientSampleId :
RAV-GT-105

Tot Ion: 82 Resp: 479150
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 45.3 42.2 63.2

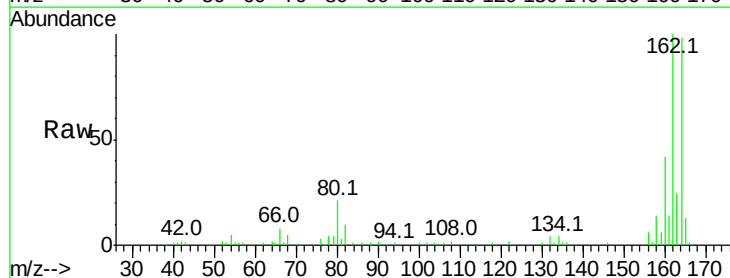


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

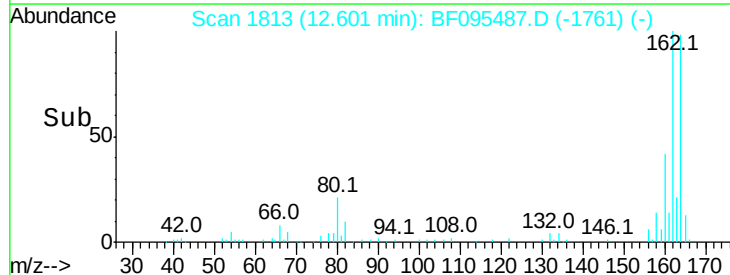
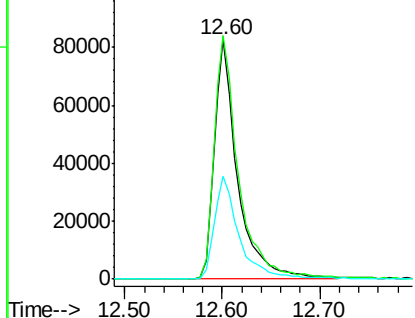


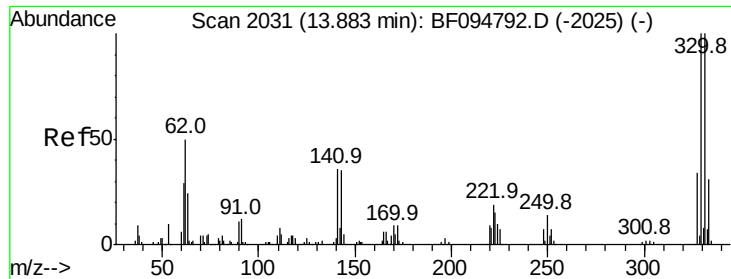
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF095487.D
Acq: 27 May 2017 6:34

Tgt Ion:164 Resp: 136363
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 43.1 36.2 54.2



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

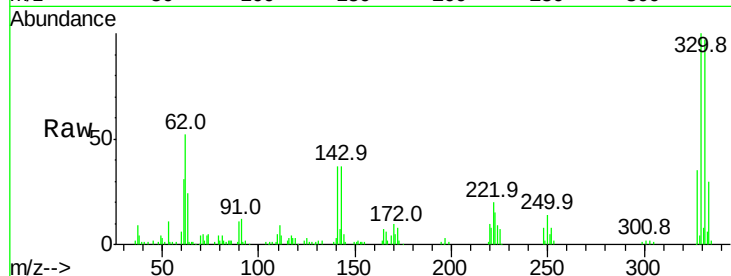




#41
 2,4,6-Tribromophenol
 Concen: 123.79 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF095487.D
 Acq: 27 May 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	39.1	31.4	47.2

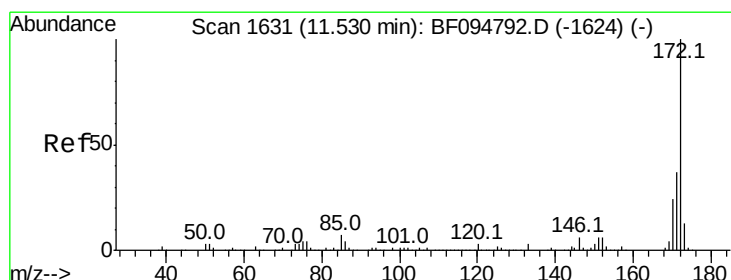
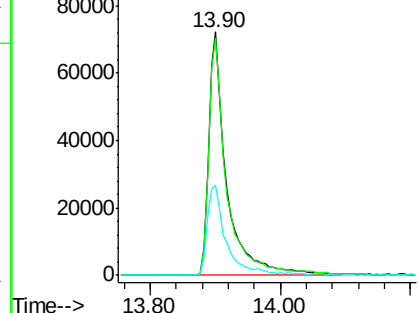
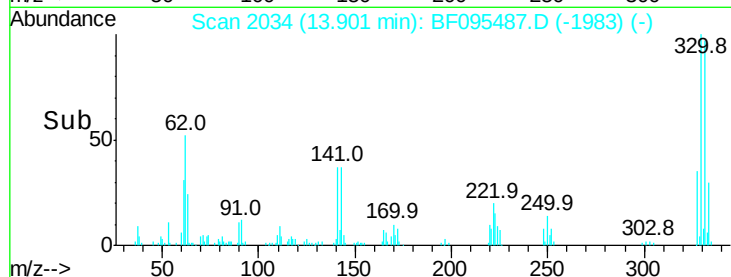


Abundance

Ion 329.80 (329.50 to 330.50): E

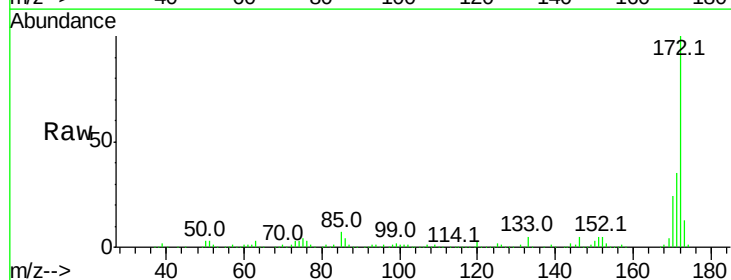
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.76 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095487.D
 Acq: 27 May 2017 6:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.6	19.8	29.8

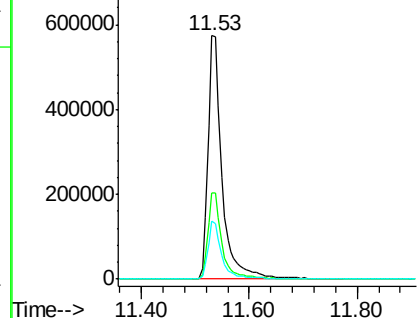
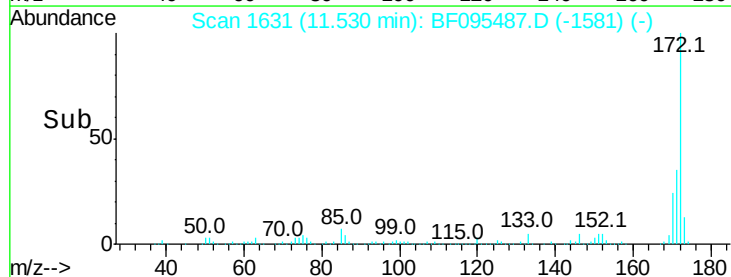


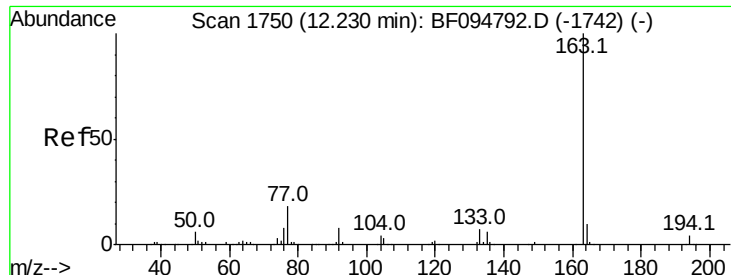
Abundance

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: 3.20 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF095487.D

Acq: 27 May 2017 6:34

Instrument :

BNA_F

ClientSampleId :

RAV-GT-105

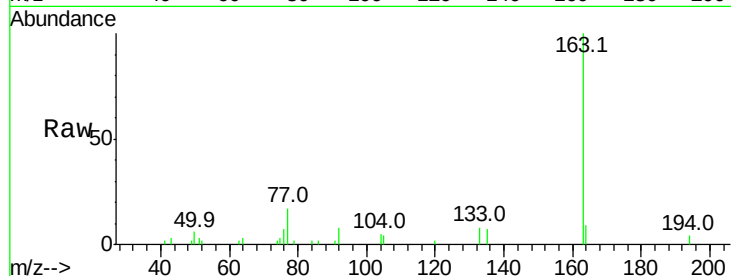
Tot Ion:163 Resp: 35830

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

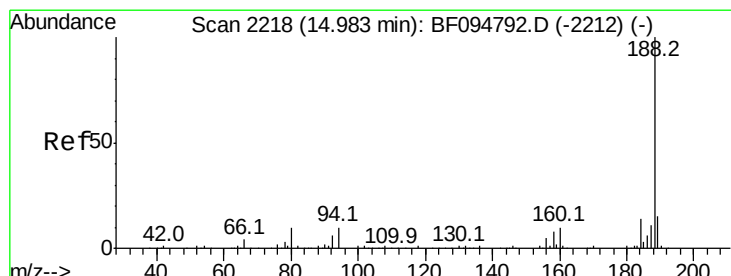
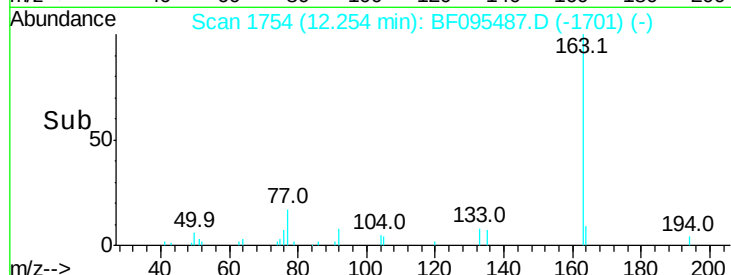
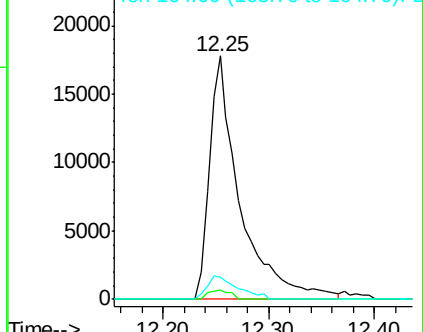
164 9.0 8.4 12.6



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: 15.01 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BF095487.D

Acq: 27 May 2017 6:34

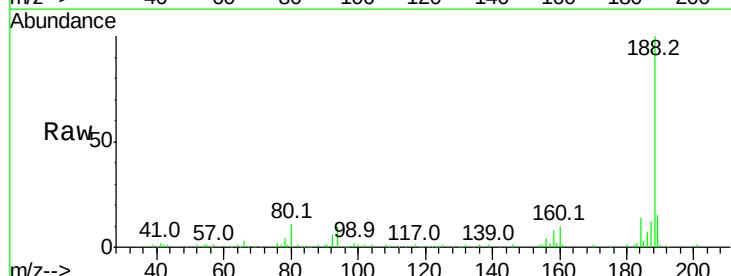
Tgt Ion:188 Resp: 197938

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

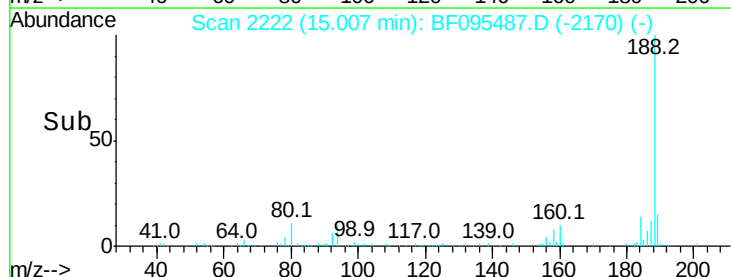
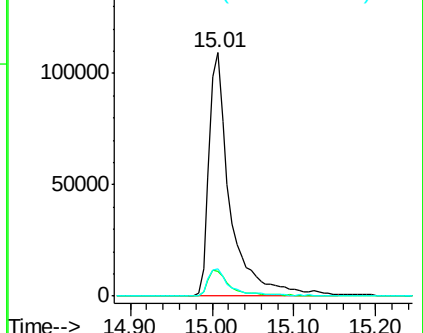
80 11.0 10.2 15.2

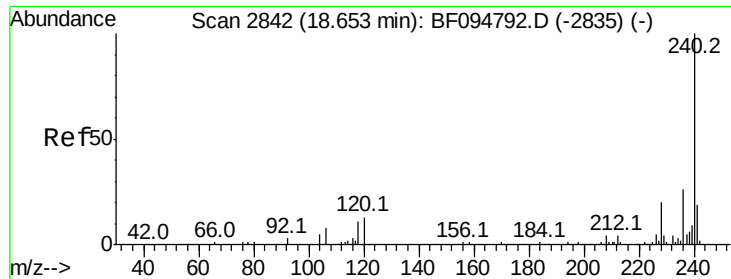


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

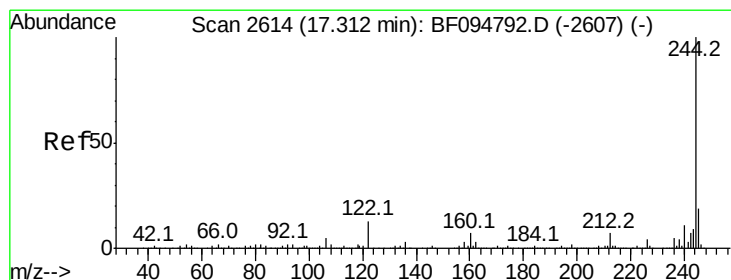
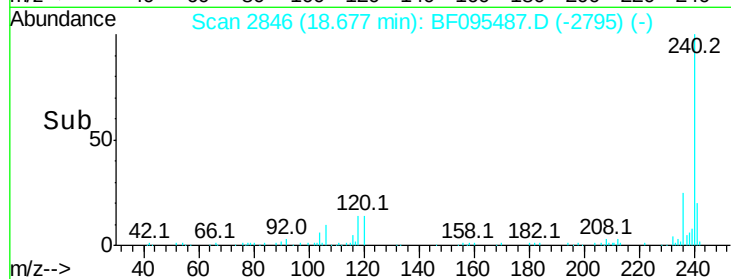
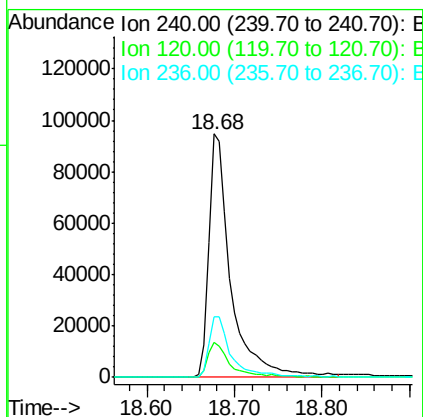
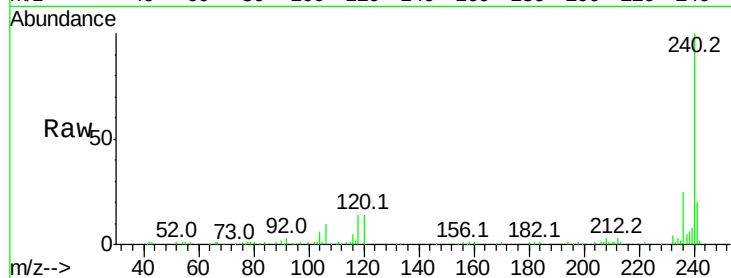




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BF095487.D
 Acq: 27 May 2017 6:34

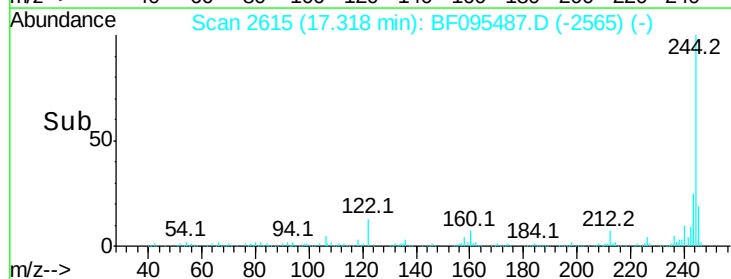
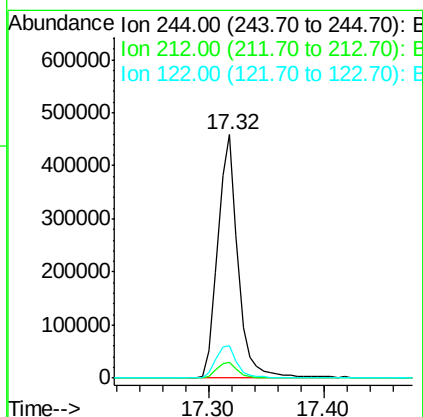
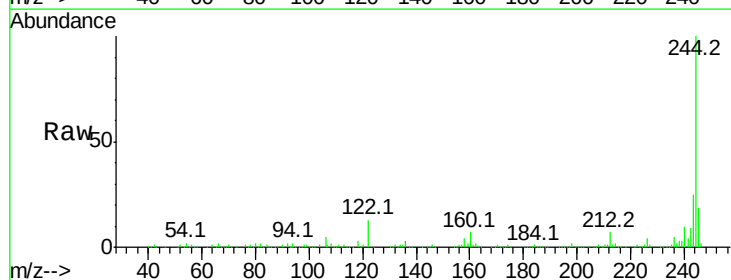
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

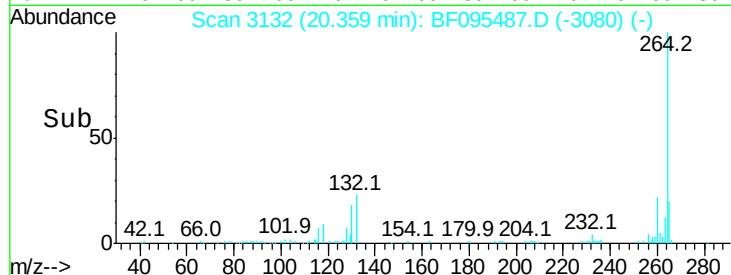
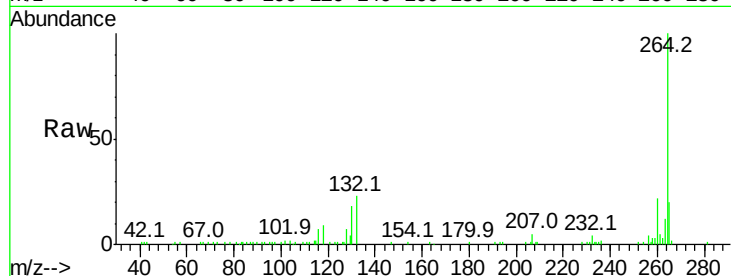
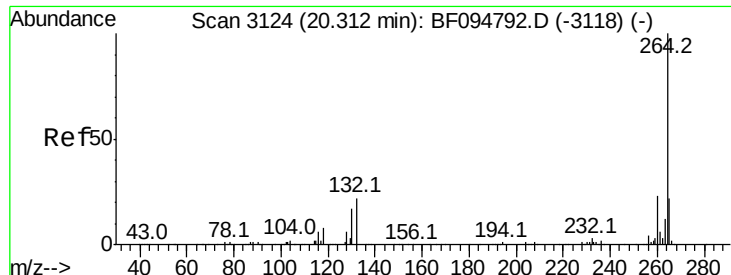
Tot Ion:240 Resp: 165742
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 24.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 74.32 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095487.D
 Acq: 27 May 2017 6:34

Tgt Ion:244 Resp: 559240
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.4 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095487.D
 Acq: 27 May 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-105

Tot Ion:	264	Resp:	123235
Ion Ratio	Lower	Upper	
264	100		
260	22.1	19.5	29.3
265	20.4	17.2	25.8

