

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095485.D
 Acq On : 27 May 2017 5:30
 Operator : SJ/MA
 Sample : I3350-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

Quant Time: May 27 07:07:47 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

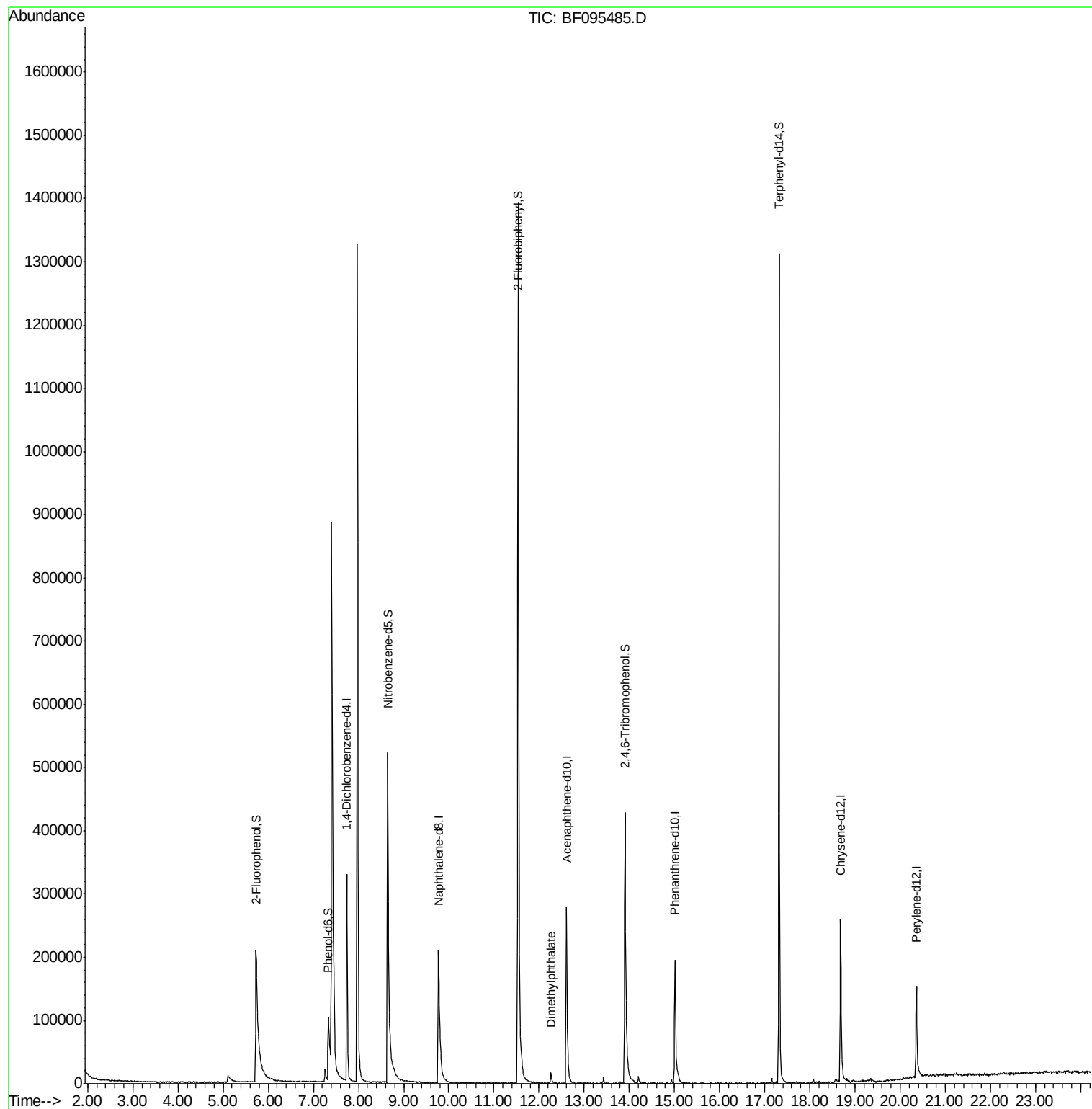
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	78834	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	313309	20.00	ng	0.01
38) Acenaphthene-d10	12.61	164	124465	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	178500	20.00	ng	0.01
75) Chrysene-d12	18.68	240	159966	20.00	ng	0.00
86) Perylene-d12	20.36	264	95546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	256276	54.20	ng	0.02
7) Phenol-d6	7.33	99	181836	32.05	ng	0.04
23) Nitrobenzene-d5	8.65	82	450135	90.60	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	119000	116.74	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	982120	113.57	ng	0.00
78) Terphenyl-d14	17.32	244	548810	75.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.27	163	21534	2.11	ng	Qvalue # 96

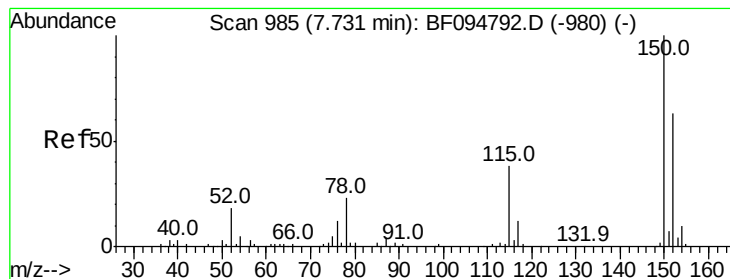
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF095485.D

Acq: 27 May 2017 5:30

Instrument :

BNA_F

ClientSampleId :

RAV-GT-106

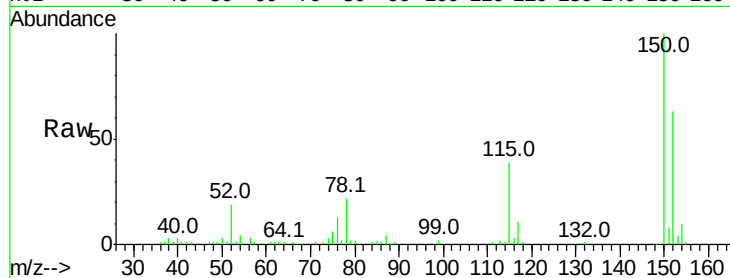
Tot Ion:152 Resp: 78834

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

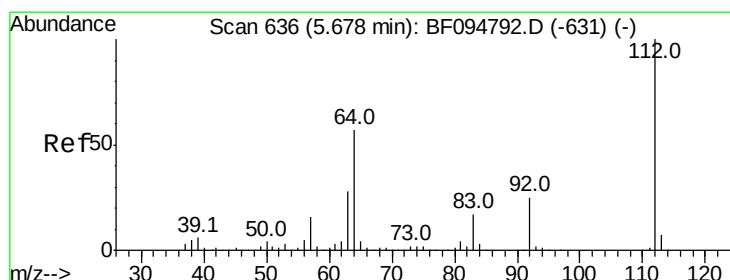
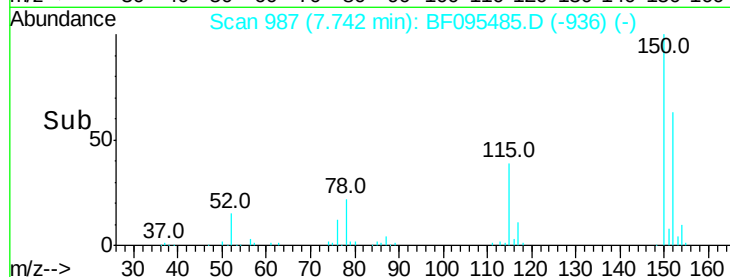
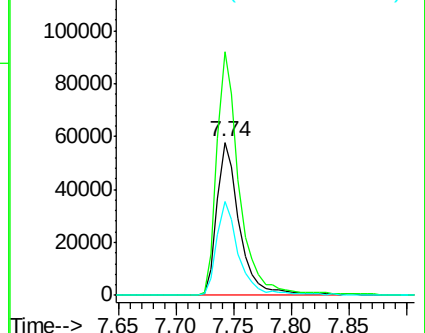
115 61.7 52.2 78.2



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: 54.20 ng

RT: 5.73 min Scan# 645

Delta R.T. 0.02 min

Lab File: BF095485.D

Acq: 27 May 2017 5:30

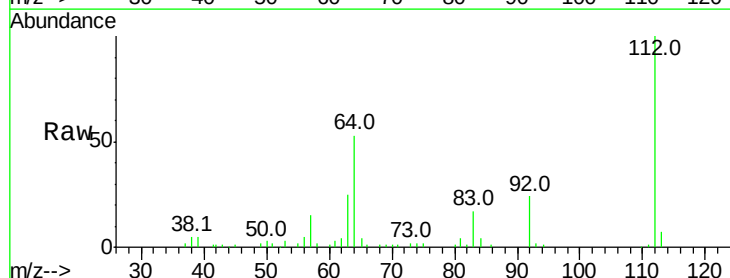
Tgt Ion:112 Resp: 256276

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

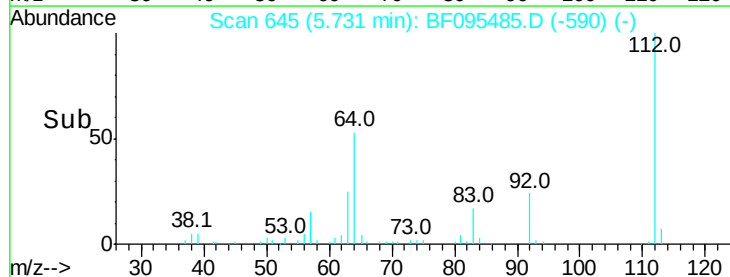
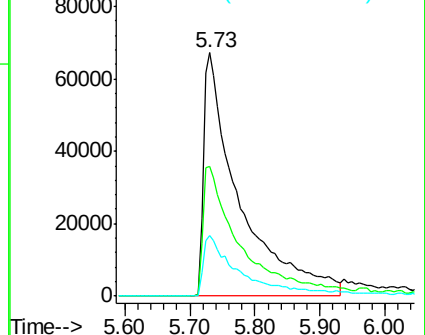
63 24.9 23.4 35.0

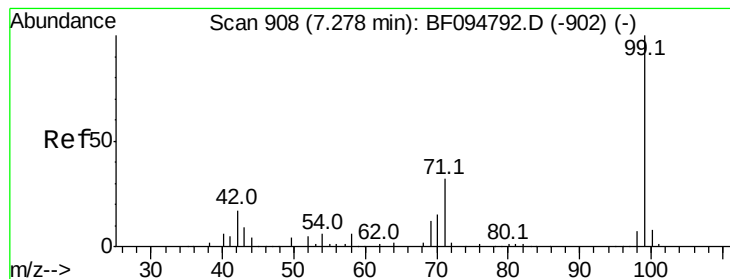


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.05 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.04 min

Lab File: BF095485.D

Acq: 27 May 2017 5:30

Instrument :

BNA_F

ClientSampleId :

RAV-GT-106

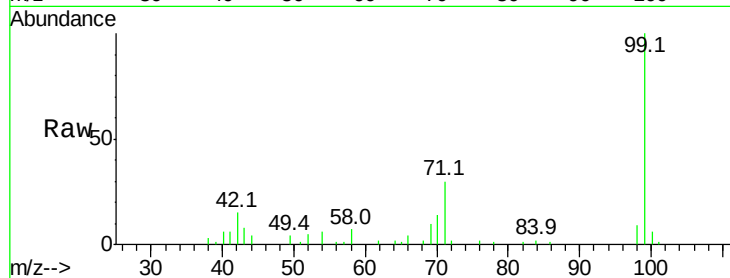
Tot Ion: 99 Resp: 181836

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

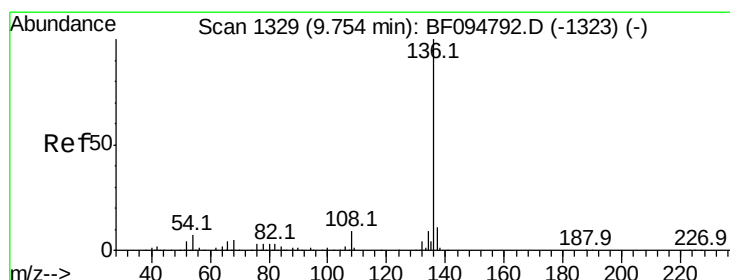
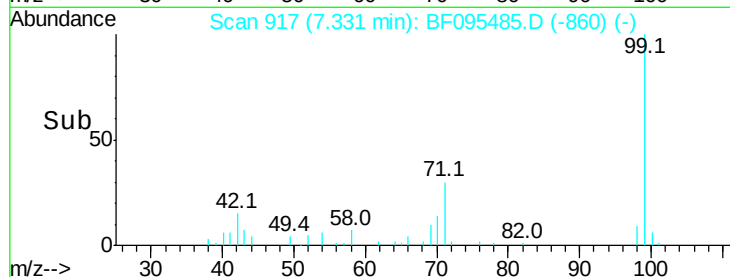
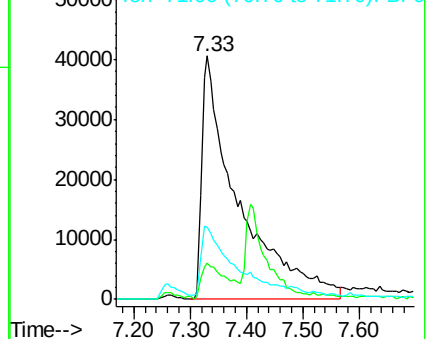
71 29.9 24.5 36.7



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: BF095485.D

Acq: 27 May 2017 5:30

Tgt Ion: 136 Resp: 313309

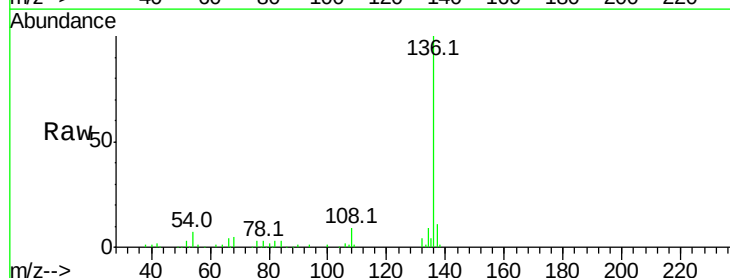
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.0 4.1 6.1

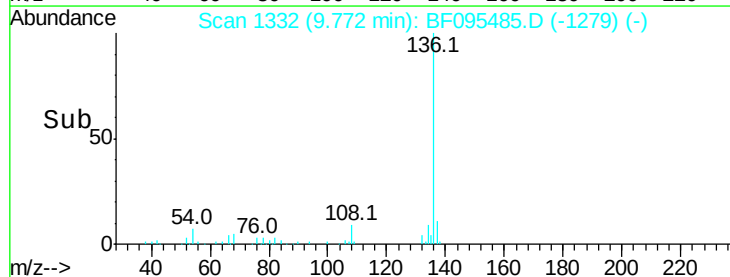
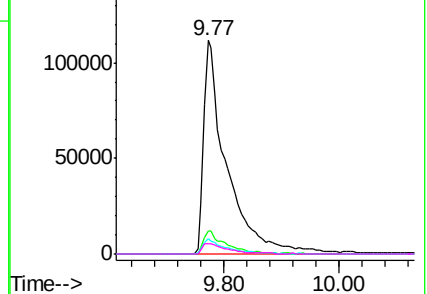


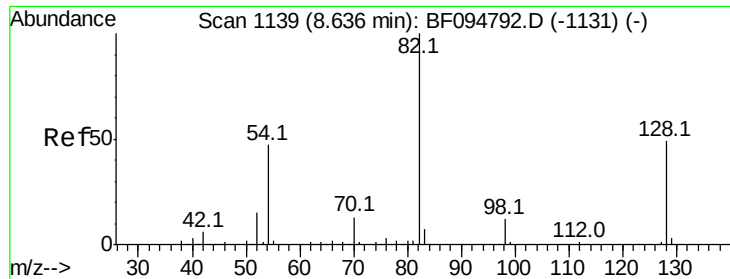
Abundance Ion 136.00 (135.70 to 136.70): E

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

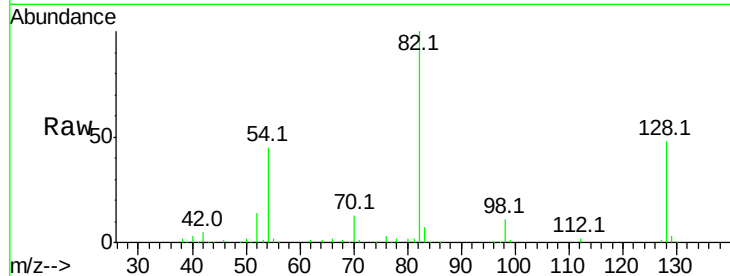




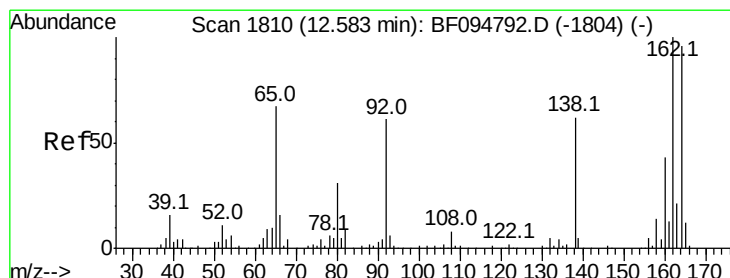
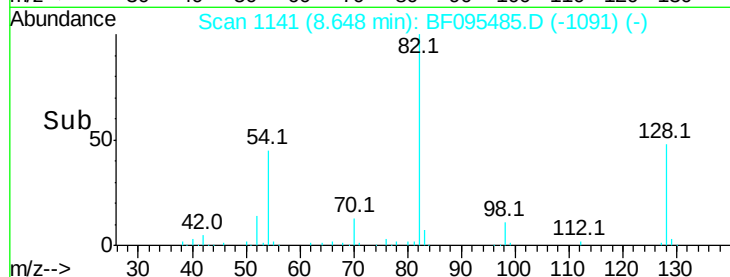
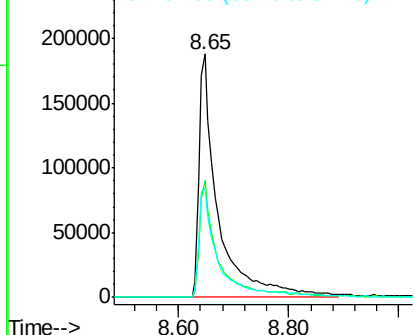
#23
Nitrobenzene-d5
Concen: 90.60 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF095485.D
Acq: 27 May 2017 5:30

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tot Ion: 82 Resp: 450135
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 45.0 42.2 63.2

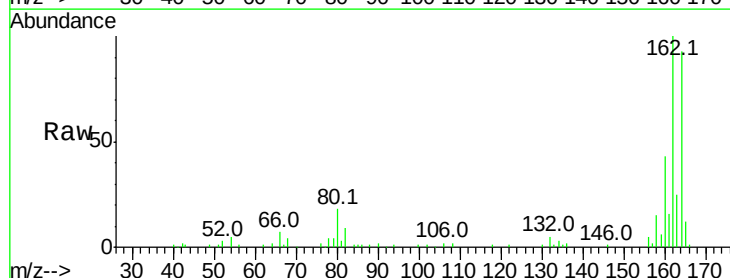


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

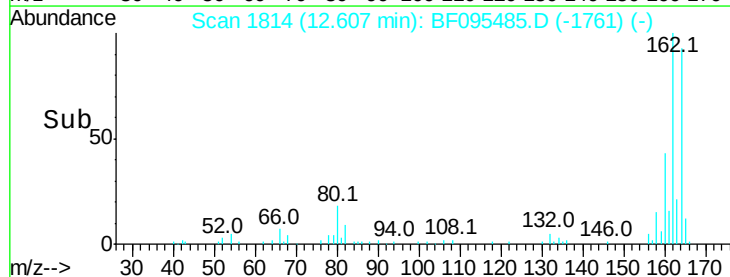
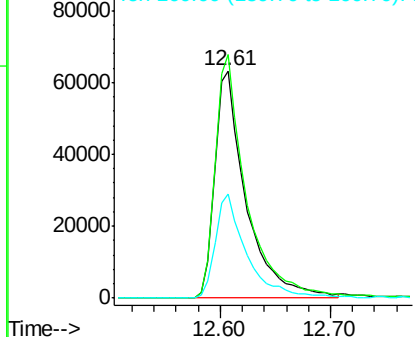


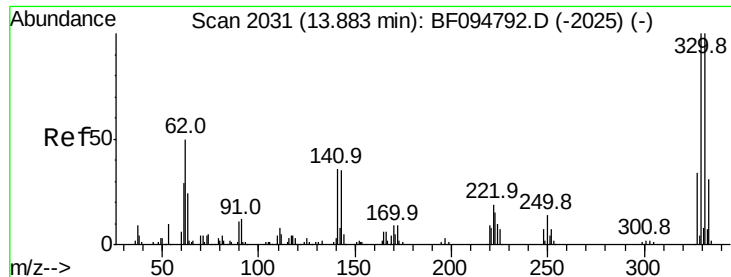
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF095485.D
Acq: 27 May 2017 5:30

Tgt Ion:164 Resp: 124465
Ion Ratio Lower Upper
164 100
162 107.3 82.6 123.8
160 45.7 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

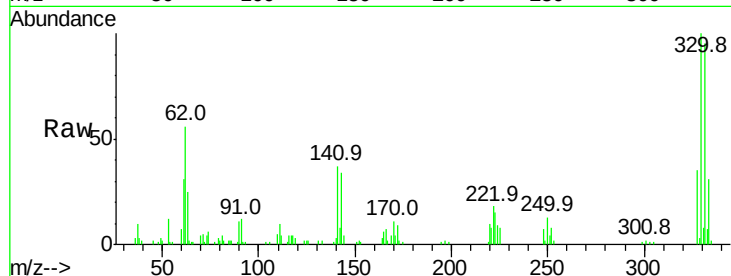




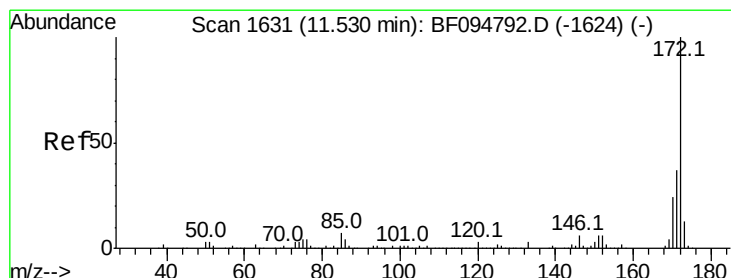
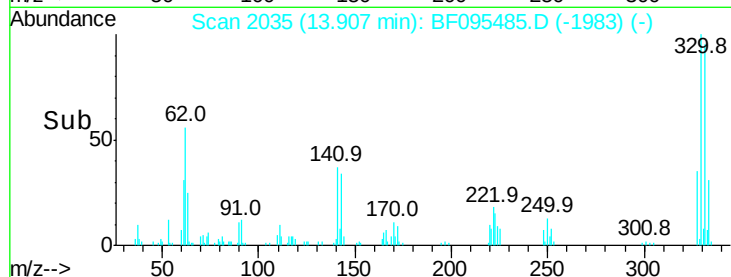
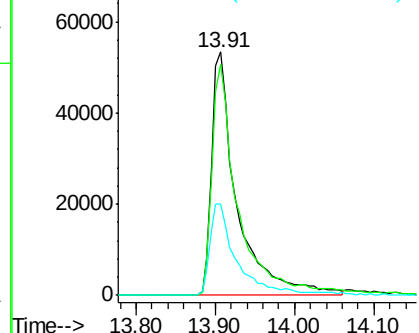
#41
 2,4,6-Tribromophenol
 Concen: 116.74 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF095485.D
 Acq: 27 May 2017 5:30

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

Tot Ion:330 Resp: 119000
 Ion Ratio Lower Upper
 330 100
 332 92.0 76.6 115.0
 141 39.5 31.4 47.2

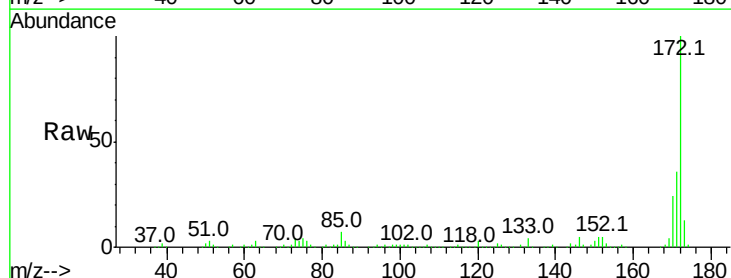


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

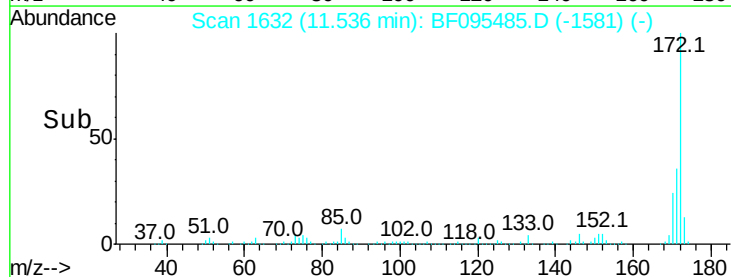
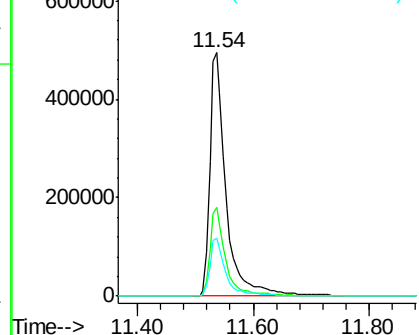


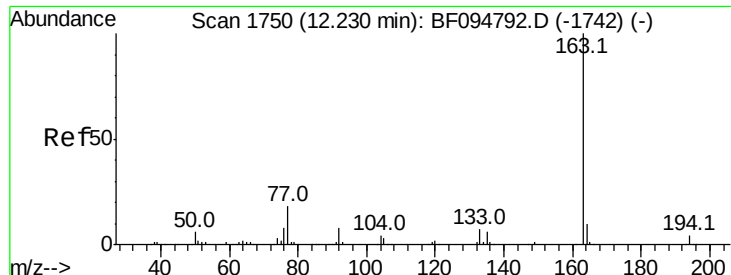
#44
 2-Fluorobiphenyl
 Concen: 113.57 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095485.D
 Acq: 27 May 2017 5:30

Tgt Ion:172 Resp: 982120
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.7 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: 2.11 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.02 min

Lab File: BF095485.D

Acq: 27 May 2017 5:30

Instrument :

BNA_F

ClientSampleId :

RAV-GT-106

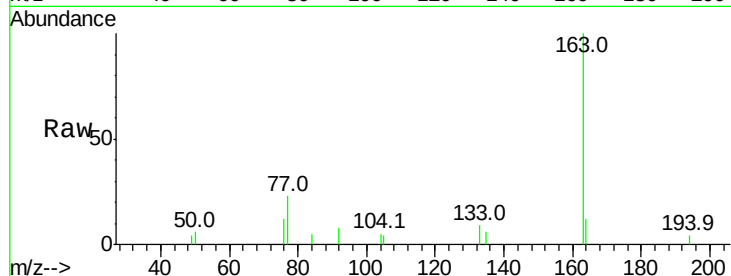
Tot Ion:163 Resp: 21534

Ion Ratio Lower Upper

163 100

194 4.2 2.6 4.0#

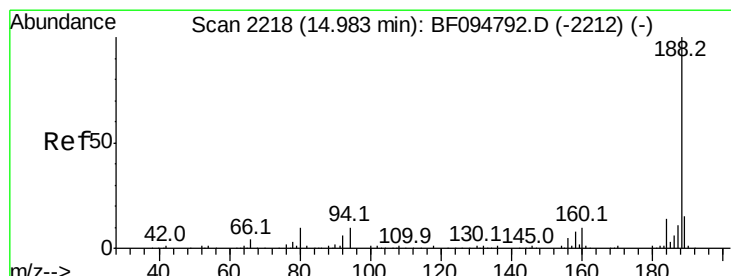
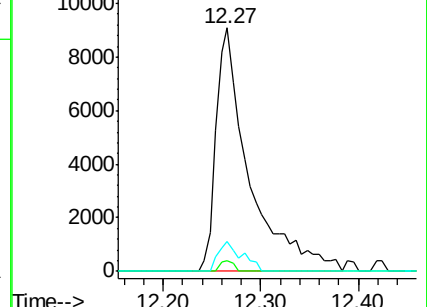
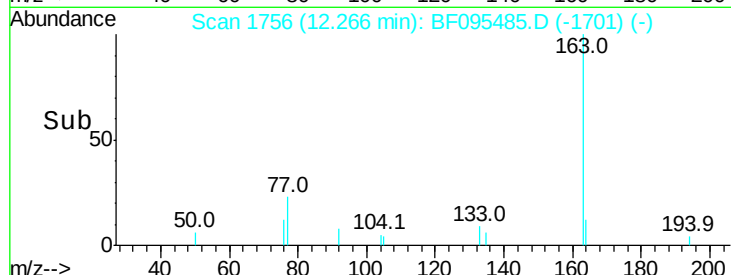
164 12.1 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BF095485.D

Acq: 27 May 2017 5:30

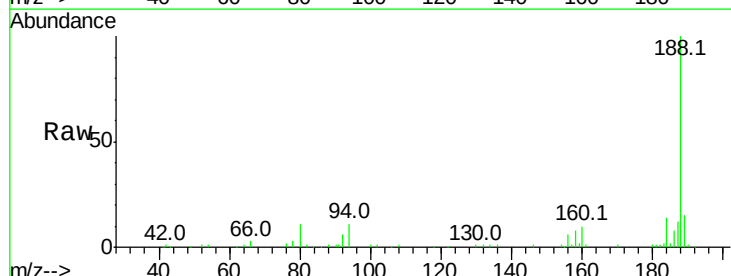
Tgt Ion:188 Resp: 178500

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

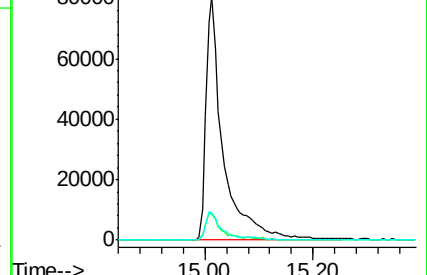
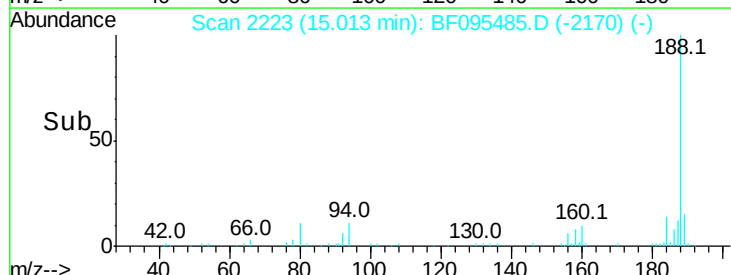
80 11.4 10.2 15.2

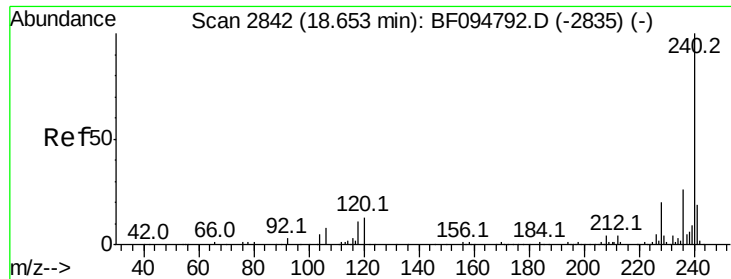


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

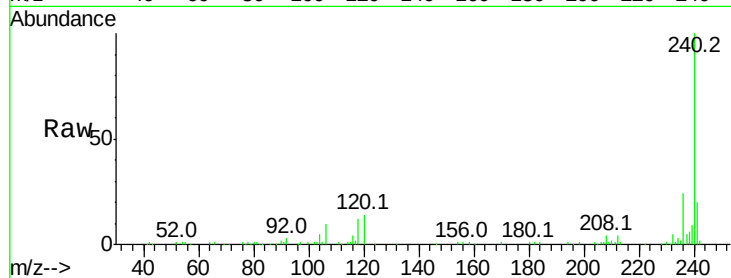




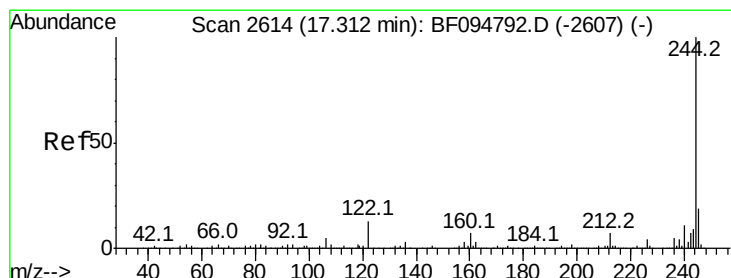
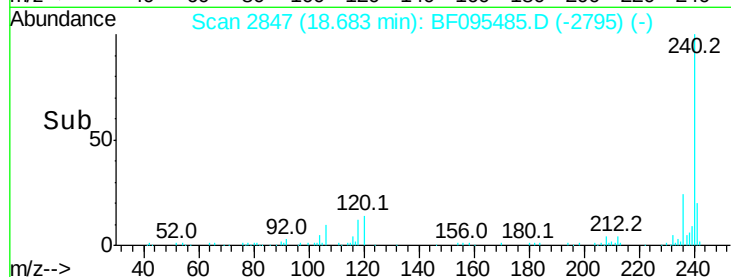
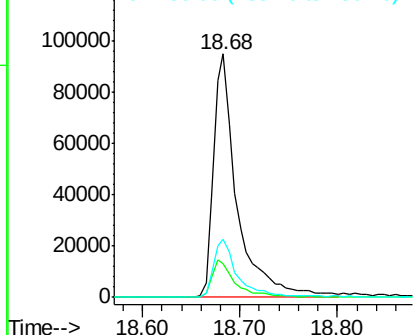
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095485.D
 Acq: 27 May 2017 5:30

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-106

Tot Ion:240 Resp: 159966
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 24.1 20.5 30.7

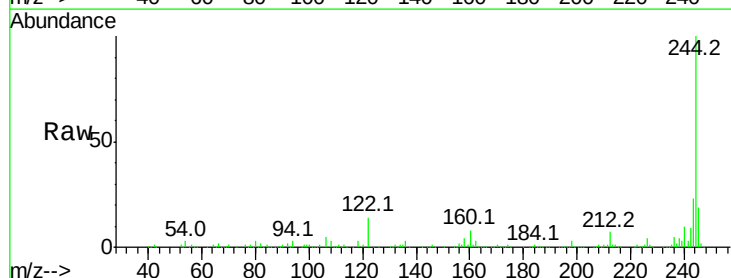


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

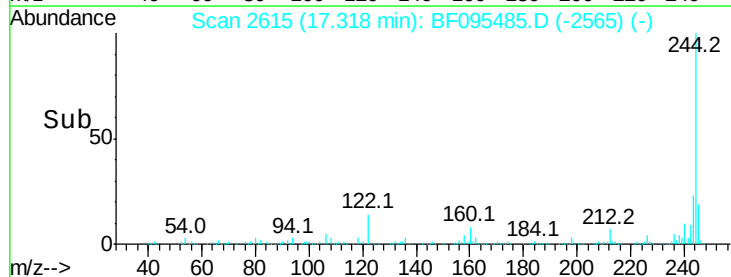
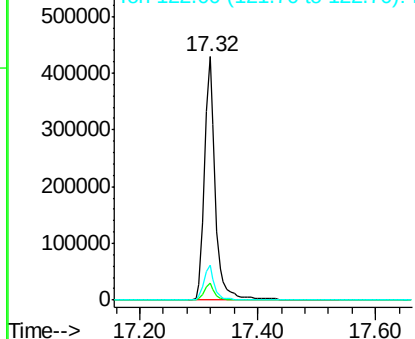


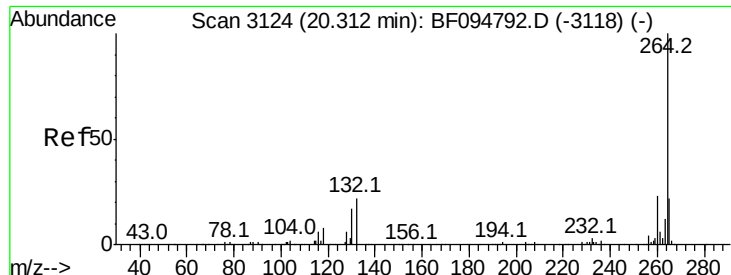
#78
 Terphenyl-d14
 Concen: 75.57 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095485.D
 Acq: 27 May 2017 5:30

Tgt Ion:244 Resp: 548810
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.4 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

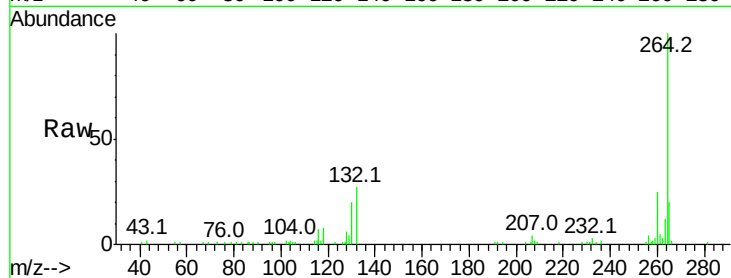




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BF095485.D
Acq: 27 May 2017 5:30

Instrument :
BNA_F
ClientSampleId :
RAV-GT-106

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	20.3	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

