

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
 Data File : BF095484.D
 Acq On : 27 May 2017 4:58
 Operator : SJ/MA
 Sample : I3350-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Quant Time: May 27 07:06:23 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	79888	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	319440	20.00	ng	0.01
38) Acenaphthene-d10	12.61	164	106404	20.00	ng	0.01
63) Phenanthrene-d10	15.01	188	159124	20.00	ng	0.01
75) Chrysene-d12	18.68	240	166604	20.00	ng	0.00
86) Perylene-d12	20.36	264	119136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	299600	62.52	ng	0.02
7) Phenol-d6	7.32	99	203164	35.34	ng	0.03
23) Nitrobenzene-d5	8.65	82	402986	79.55	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	102437	117.55	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	865548	117.08	ng	0.00
78) Terphenyl-d14	17.32	244	612972	81.04	ng	0.00

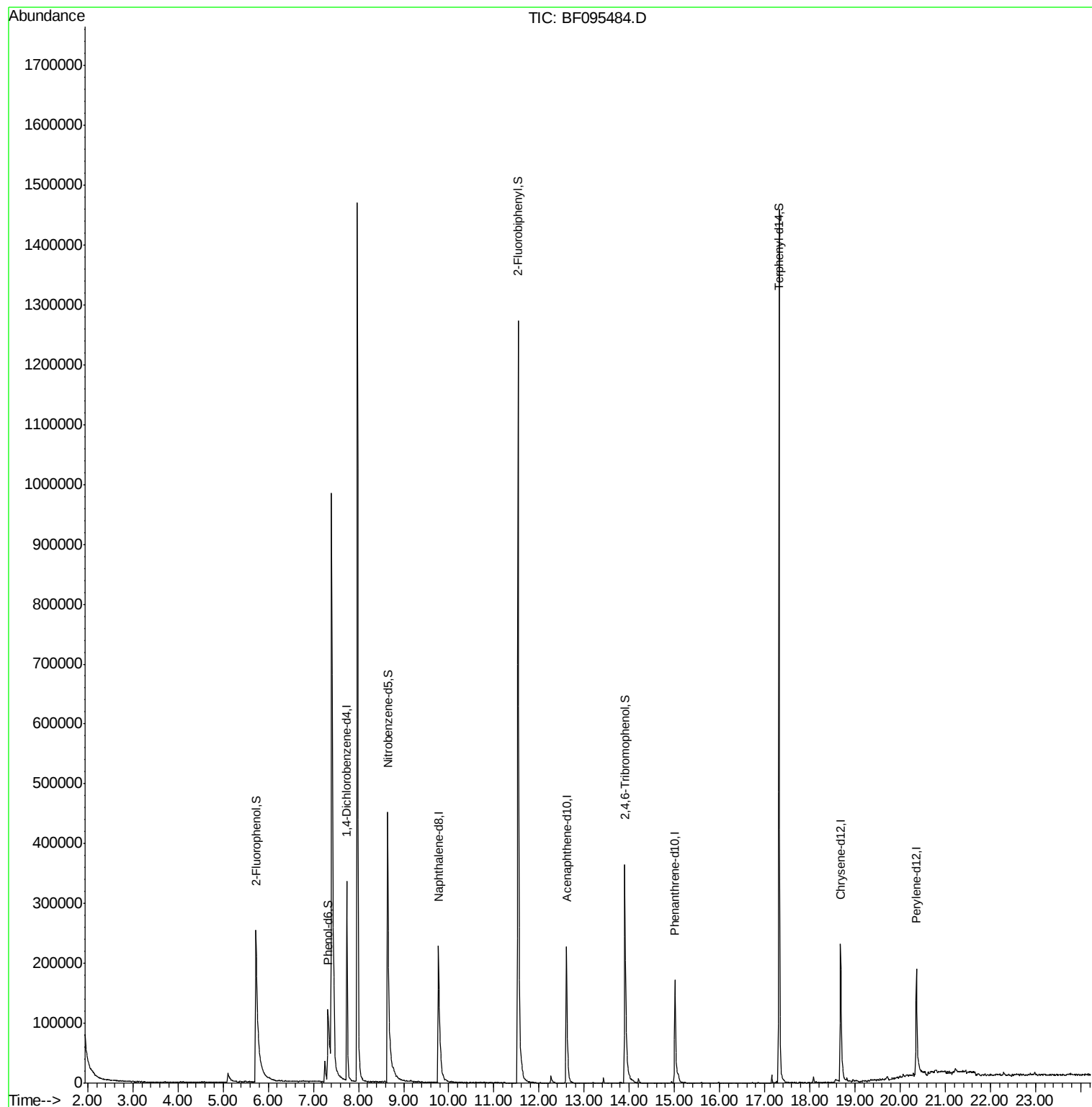
Target Compounds Qvalue

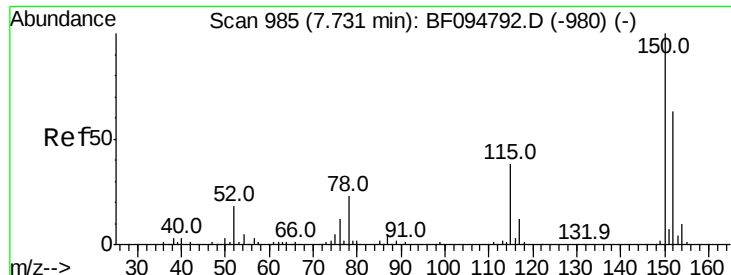
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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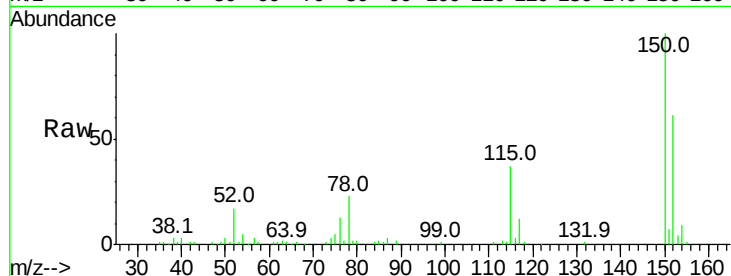


#1

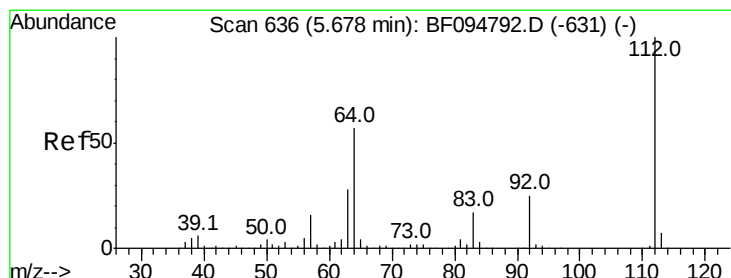
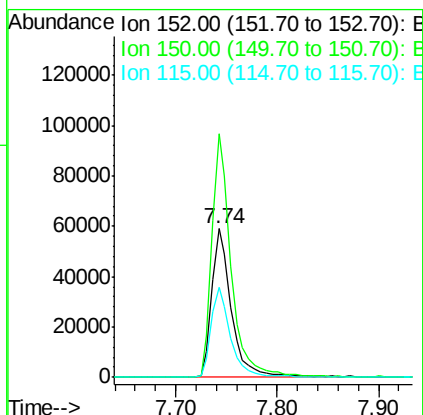
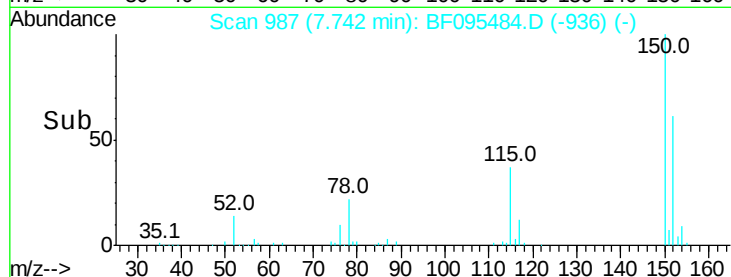
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095484.D
Acq: 27 May 2017 4:58

Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

Tot Ion:152 Resp: 79888
Ion Ratio Lower Upper
152 100
150 163.7 126.2 189.2
115 60.8 52.2 78.2



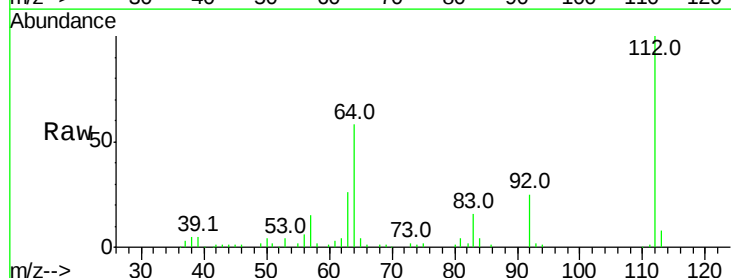
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



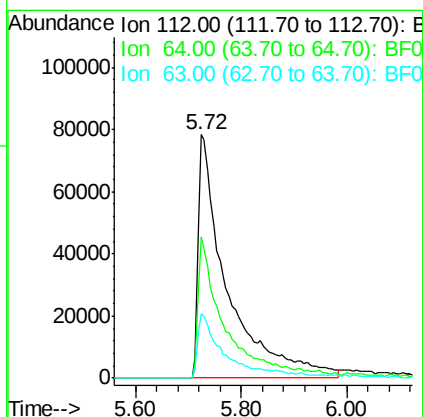
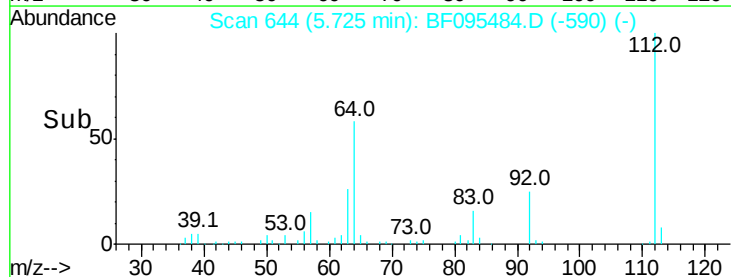
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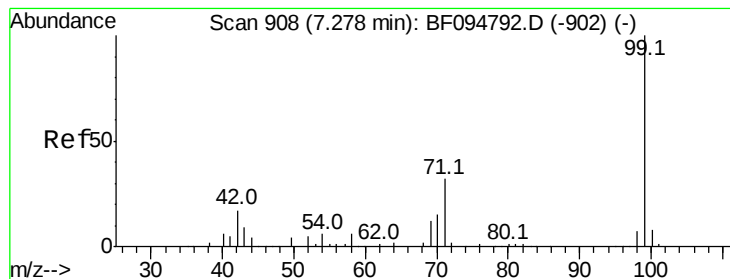
2-Fluorophenol
Concen: 62.52 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095484.D
Acq: 27 May 2017 4:58

Tgt Ion:112 Resp: 299600
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 26.3 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: 35.34 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.03 min

Lab File: BF095484.D

Acq: 27 May 2017 4:58

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

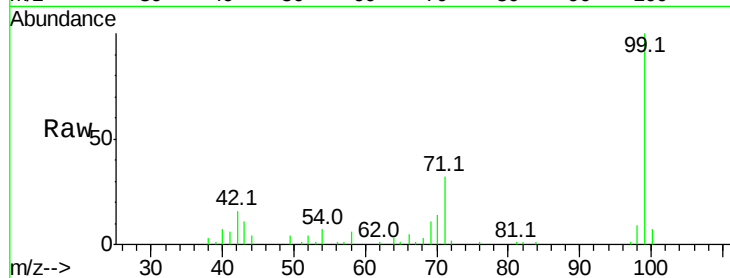
Tot Ion: 99 Resp: 203164

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

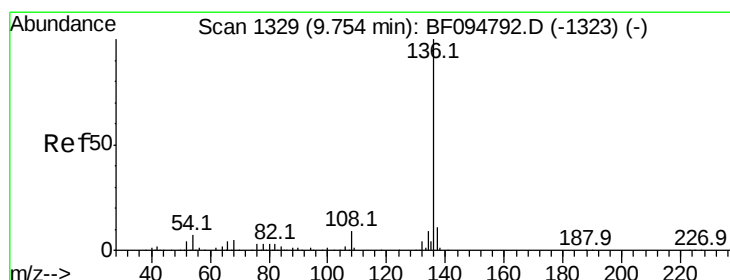
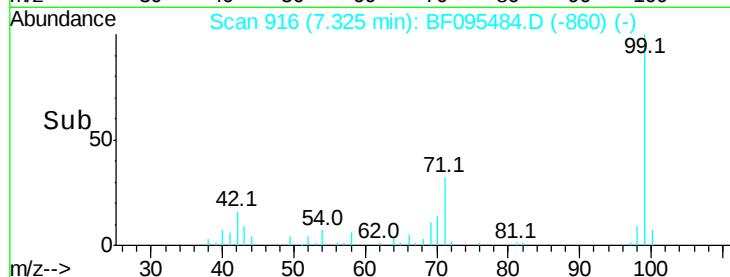
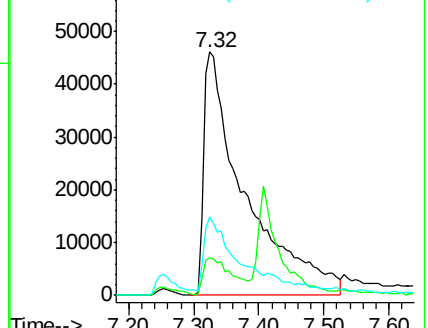
71 32.0 24.5 36.7



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: BF095484.D

Acq: 27 May 2017 4:58

Tgt Ion: 136 Resp: 319440

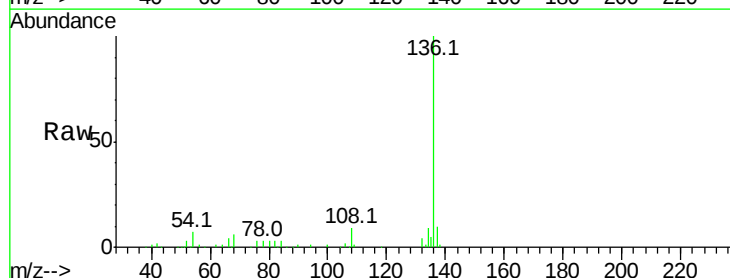
Ion Ratio Lower Upper

136 100

137 9.9 8.5 12.7

54 6.9 4.9 7.3

68 5.8 4.1 6.1

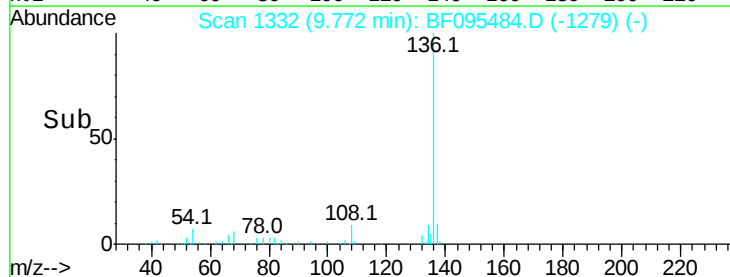
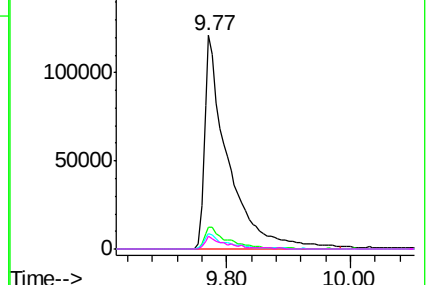


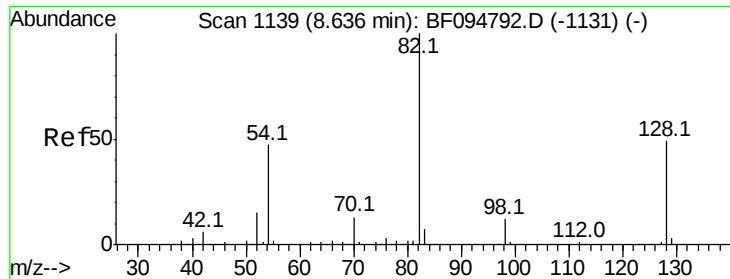
Abundance Ion 136.00 (135.70 to 136.70): E

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

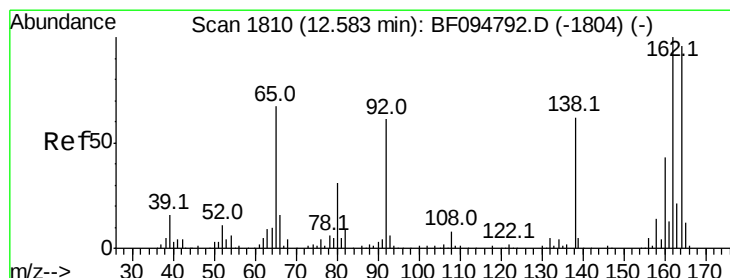
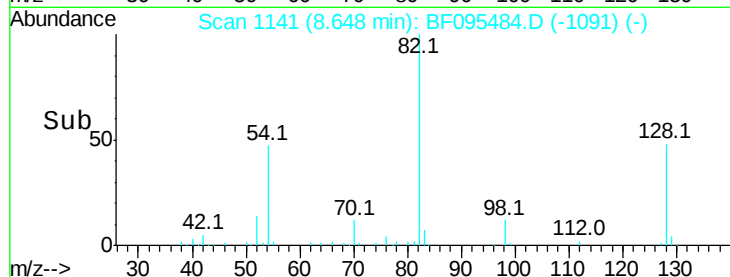
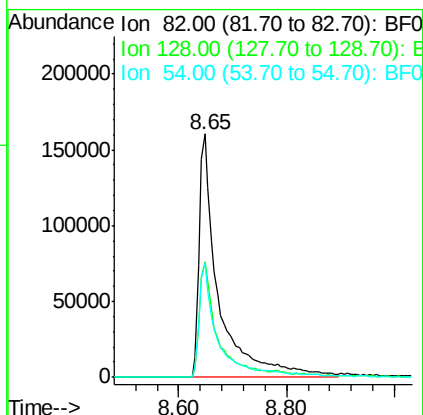
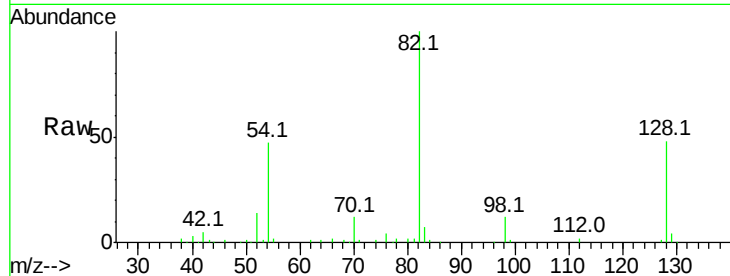




#23
 Nitrobenzene-d5
 Concen: 79.55 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095484.D
 Acq: 27 May 2017 4:58

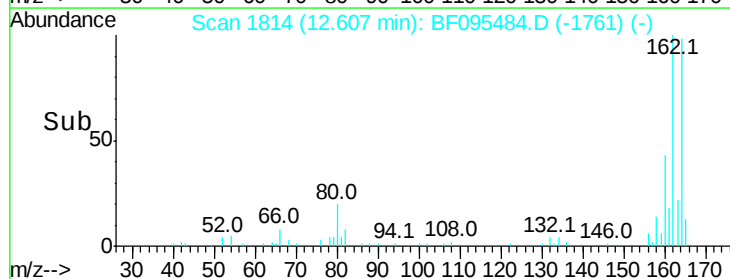
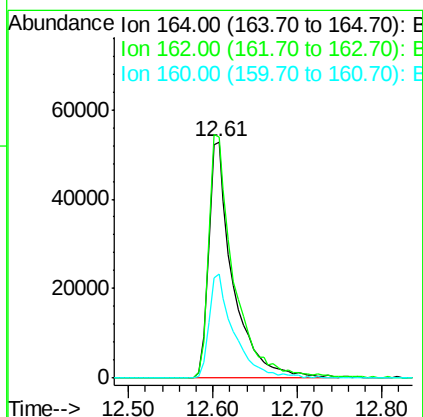
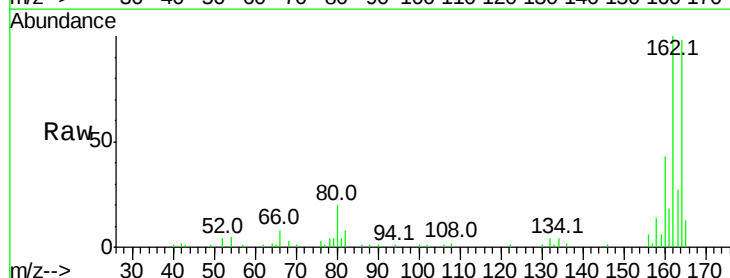
Instrument :
 BNA_F
 ClientSampled :
 RAV-GT-102

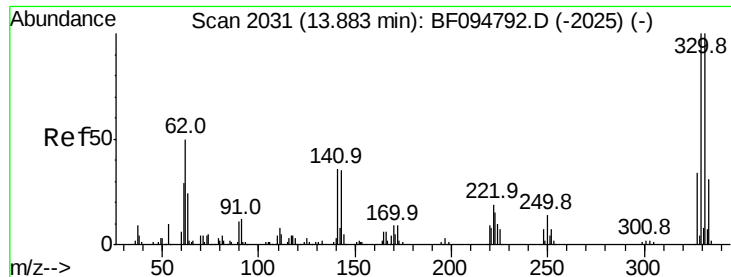
Tot Ion: 82 Resp: 402986
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 47.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF095484.D
 Acq: 27 May 2017 4:58

Tgt Ion:164 Resp: 106404
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 44.1 36.2 54.2

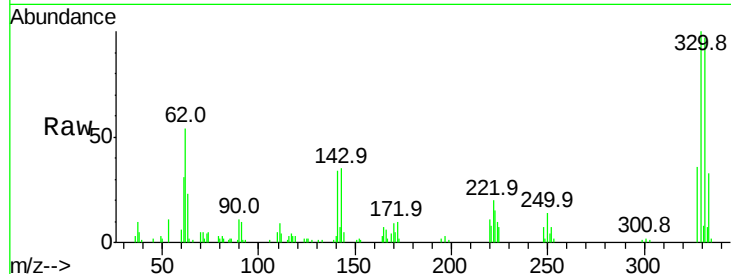




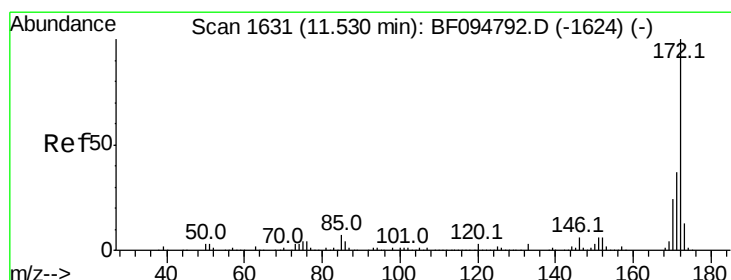
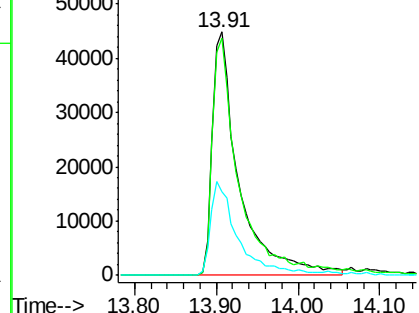
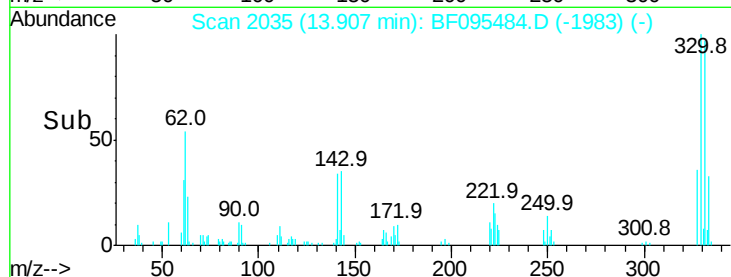
#41
 2,4,6-Tribromophenol
 Concen: 117.55 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF095484.D
 Acq: 27 May 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-102

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	39.2	31.4	47.2

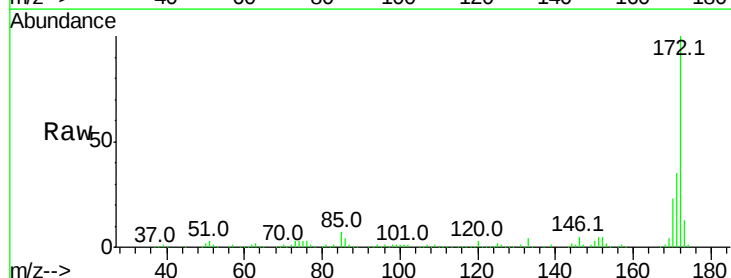


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

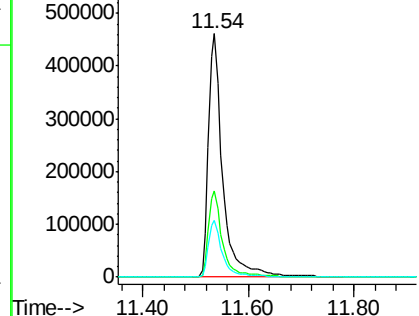
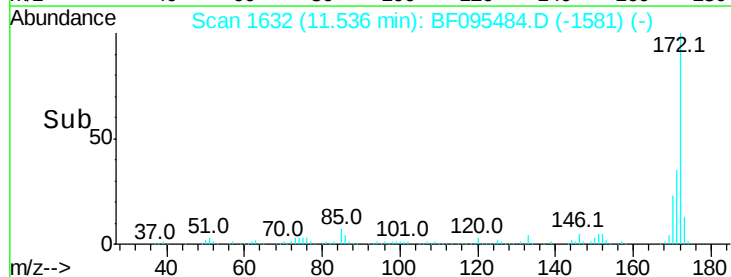


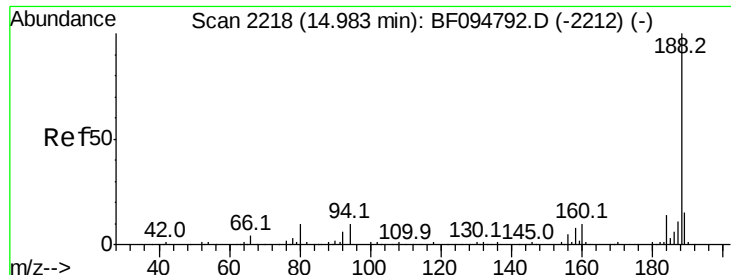
#44
 2-Fluorobiphenyl
 Concen: 117.08 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095484.D
 Acq: 27 May 2017 4:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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

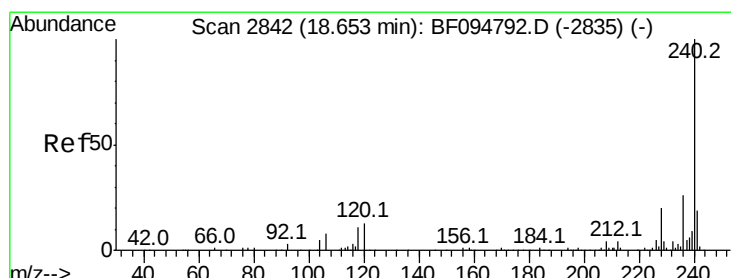
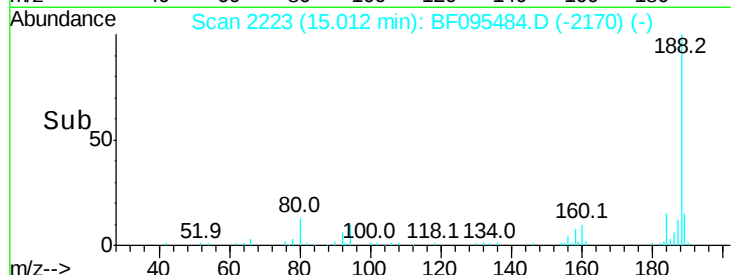
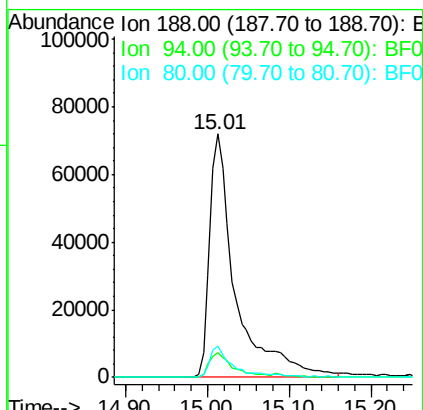
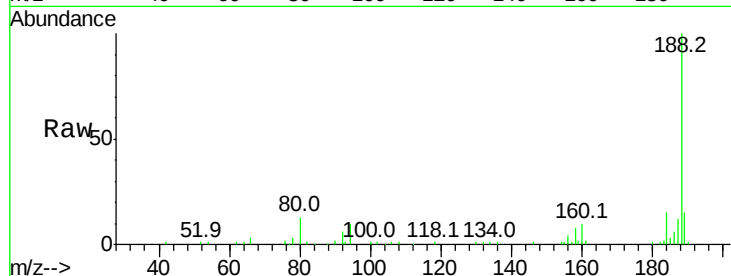




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF095484.D
Acq: 27 May 2017 4:58

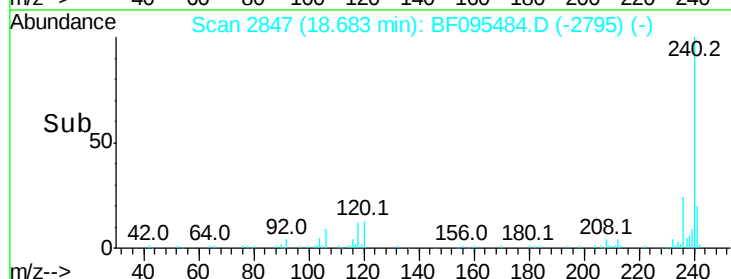
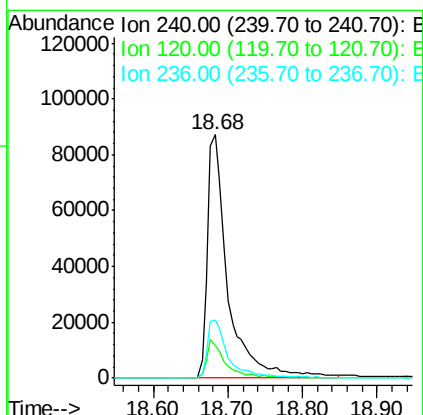
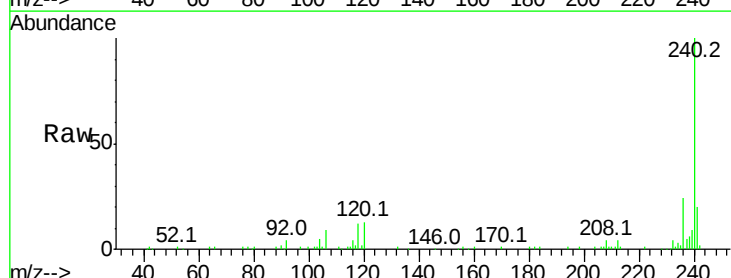
Instrument :
BNA_F
ClientSampleId :
RAV-GT-102

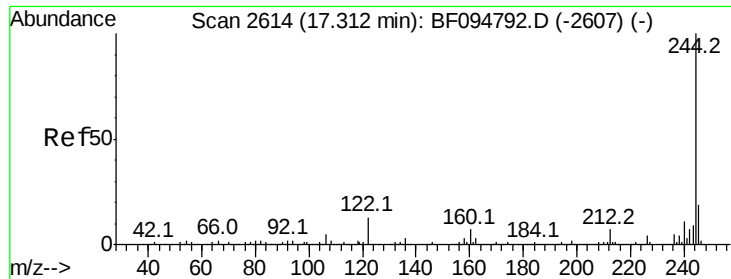
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	12.7	10.2	15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BF095484.D
Acq: 27 May 2017 4:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	23.9	20.5	30.7





#78

Terphenyl-d14

Concen: 81.04 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095484.D

Acq: 27 May 2017 4:58

Instrument :

BNA_F

ClientSampleId :

RAV-GT-102

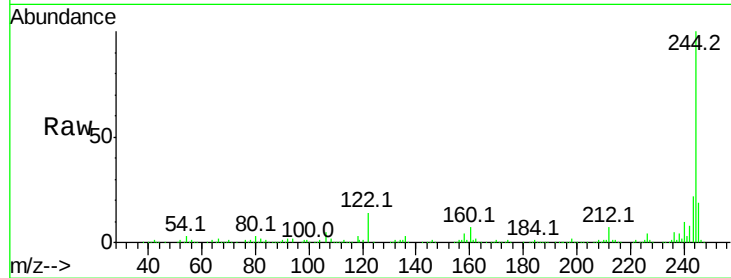
Tot Ion:244 Resp: 612972

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

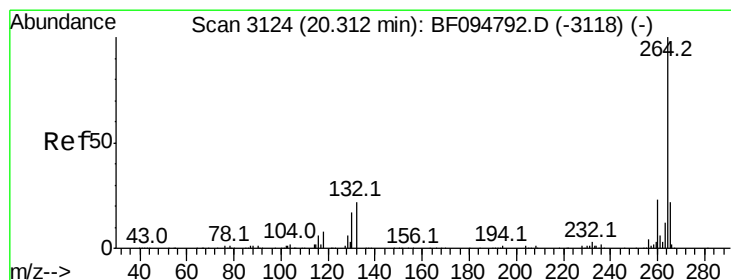
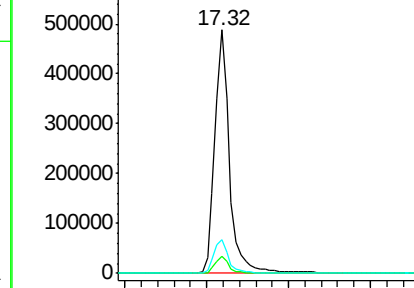
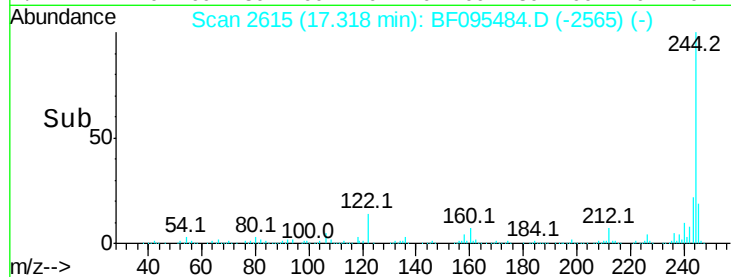
122 14.1 10.3 15.5



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: BF095484.D

Acq: 27 May 2017 4:58

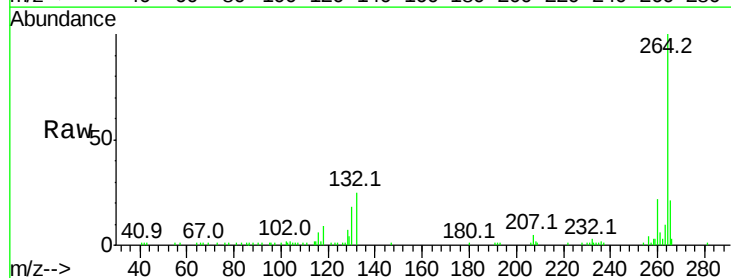
Tgt Ion:264 Resp: 119136

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 21.1 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

