

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095032.D
 Acq On : 9 May 2017 20:39
 Operator : SJ/MA
 Sample : I3014-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-3

Quant Time: May 10 01:57:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

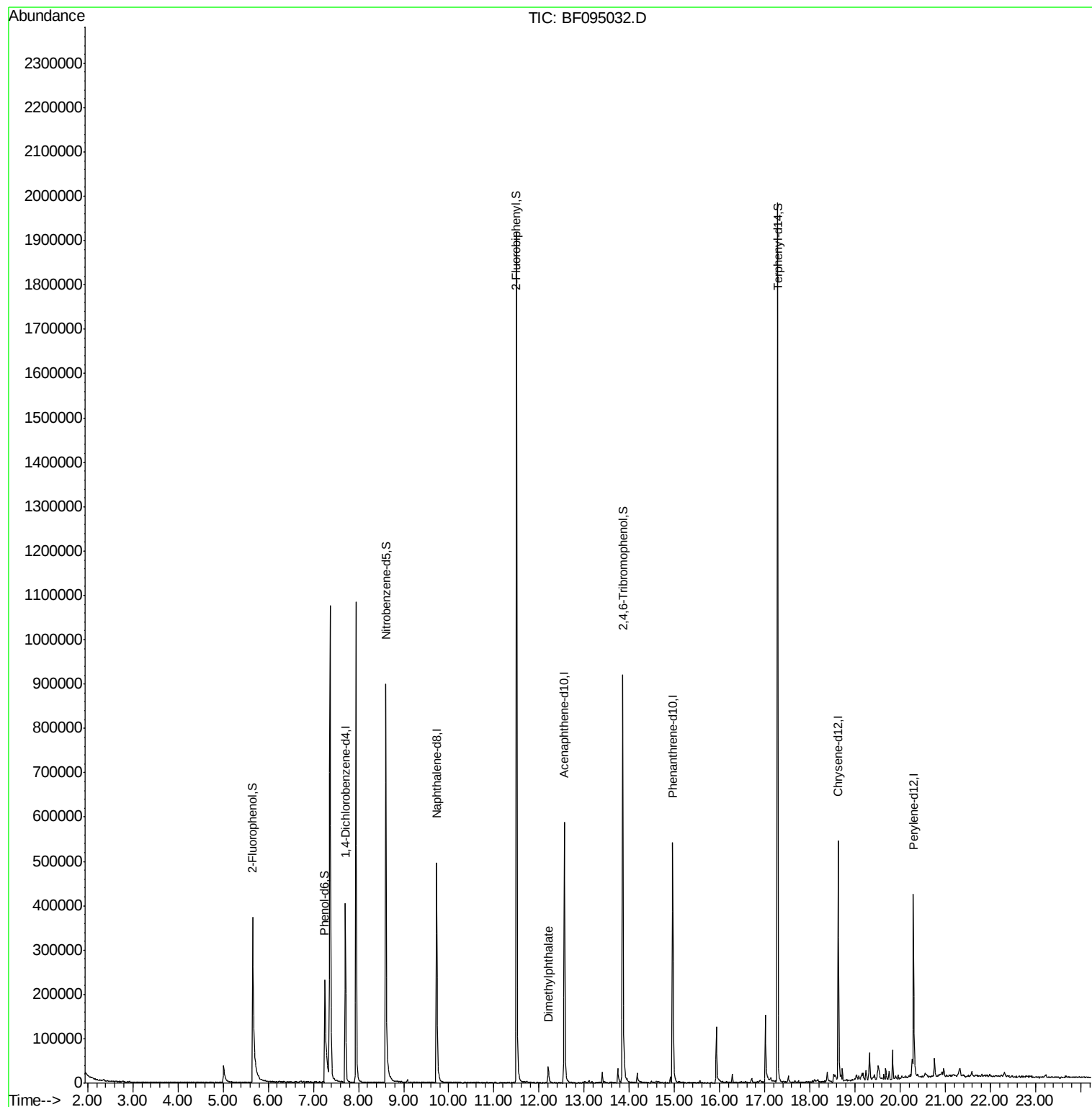
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	90006	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	380998	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	182621	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	323142	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	260568	20.00	ng	-0.02
86) Perylene-d12	20.29	264	196681	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	281156	52.08	ng	-0.02
7) Phenol-d6	7.25	99	222398	34.33	ng	-0.02
23) Nitrobenzene-d5	8.61	82	441078	73.00	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	168635	112.75	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	886821	69.90	ng	-0.03
78) Terphenyl-d14	17.29	244	765724	64.73	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.21	163	31342	2.09	ng	99

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

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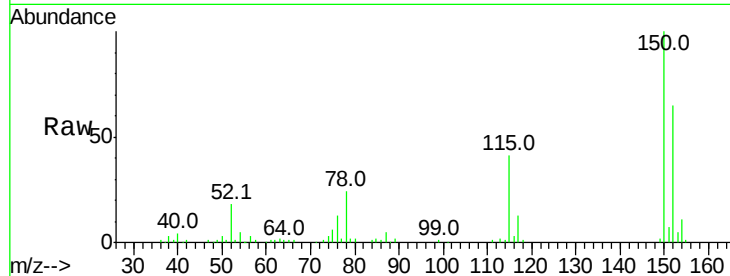


#1

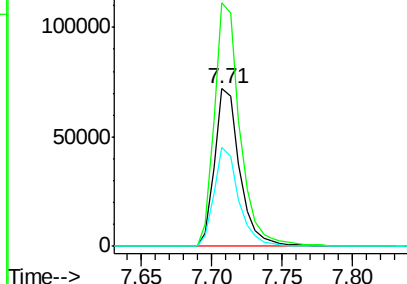
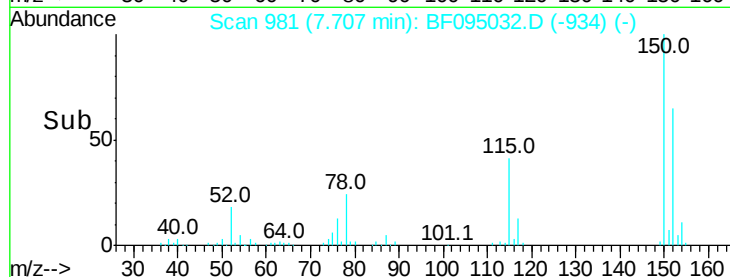
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-3

Tot Ion:152 Resp: 90006
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 62.9 52.2 78.2



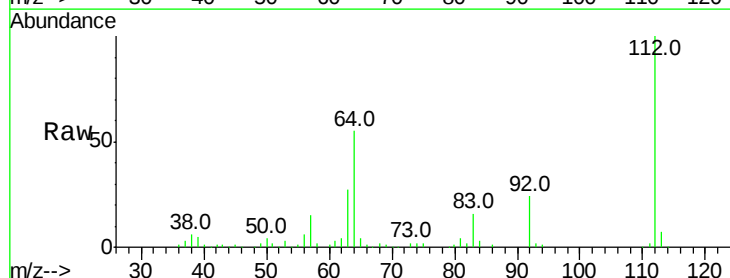
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



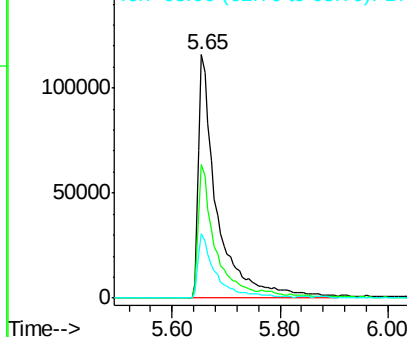
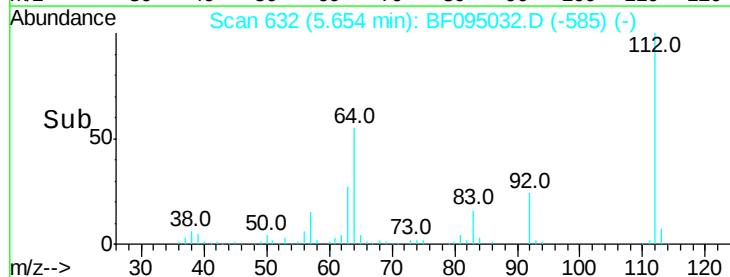
#5

2-Fluorophenol
Concen: 52.08 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Tgt Ion:112 Resp: 281156
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 26.6 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: 34.33 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-3

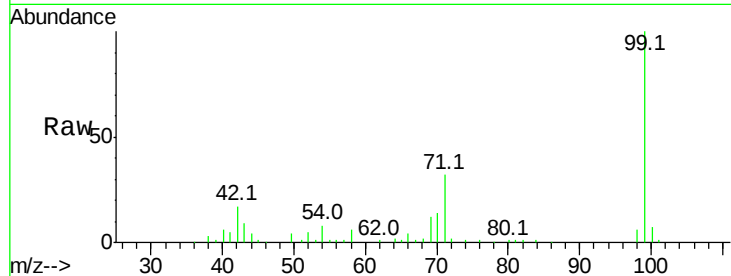
Tot Ion: 99 Resp: 222398

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

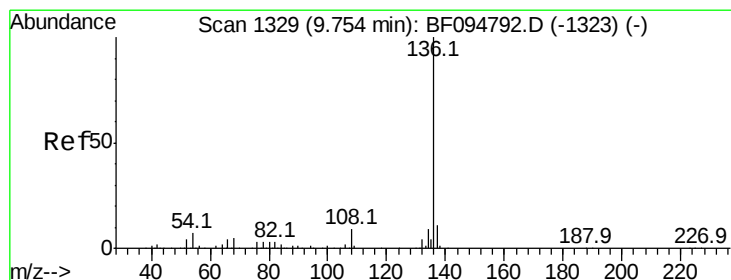
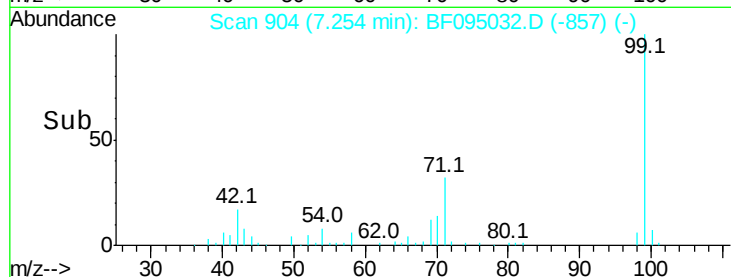
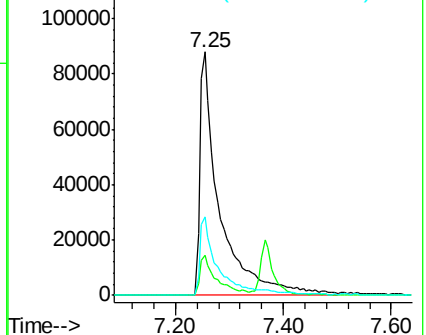
71 32.4 24.5 36.7



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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

Tgt Ion: 136 Resp: 380998

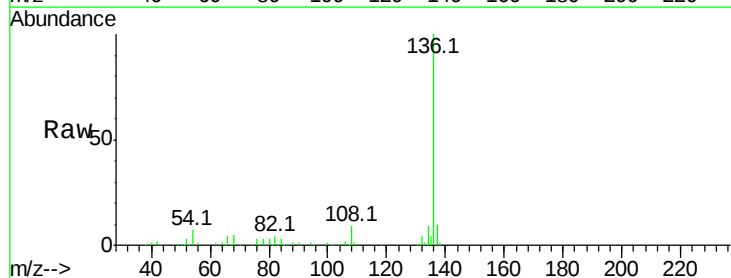
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.9 4.9 7.3

68 5.4 4.1 6.1

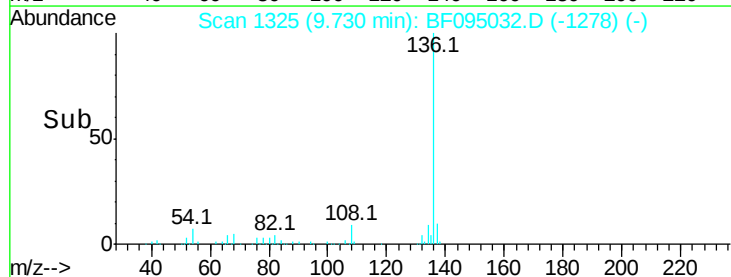
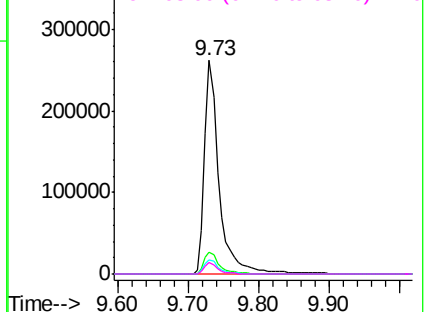


Abundance Ion 136.00 (135.70 to 136.70): E

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

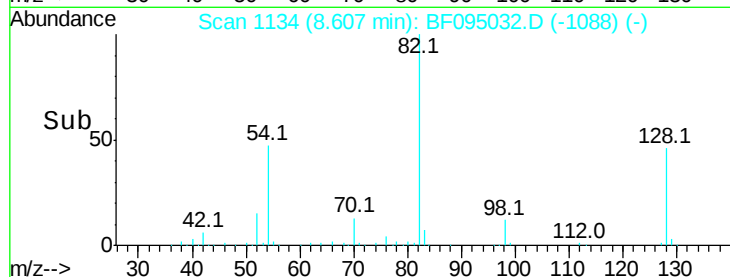
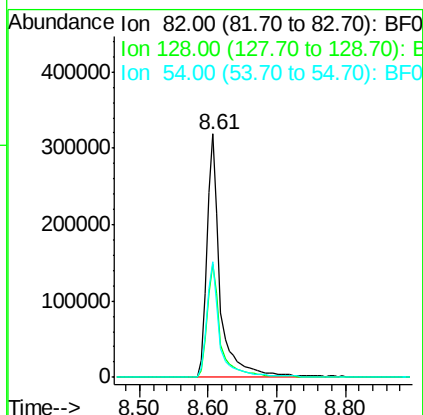
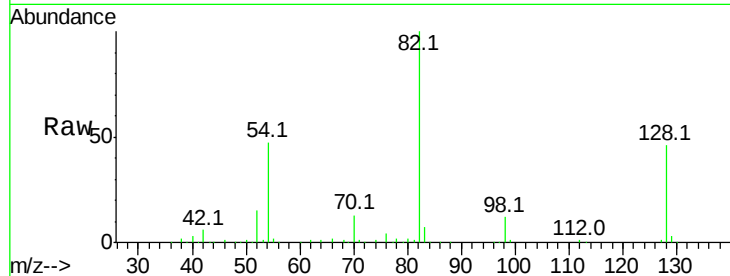




#23
Nitrobenzene-d5
Concen: 73.00 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

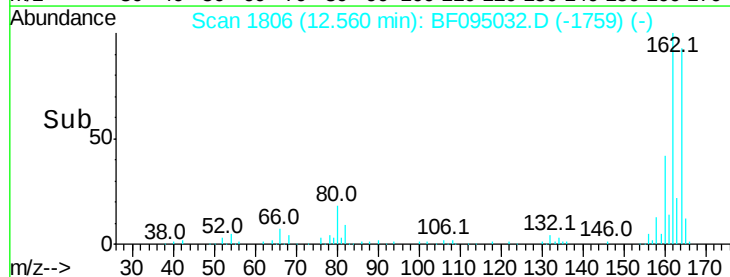
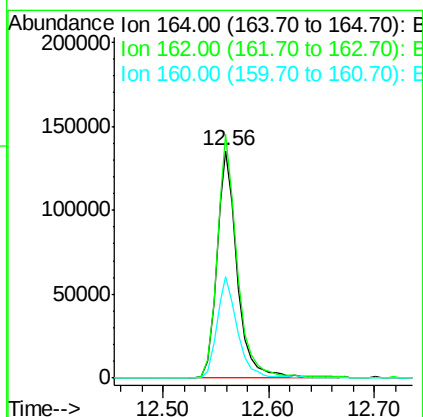
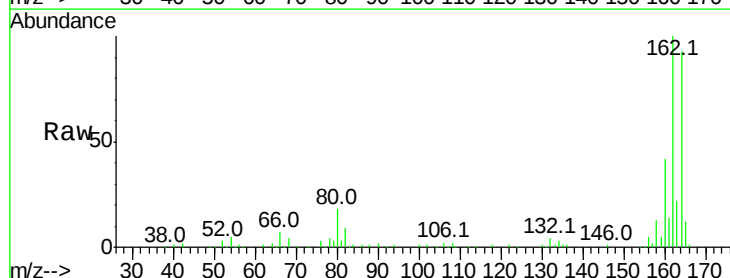
Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-3

Tot Ion: 82 Resp: 441078
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 47.3 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Tgt Ion:164 Resp: 182621
Ion Ratio Lower Upper
164 100
162 107.2 82.6 123.8
160 45.0 36.2 54.2

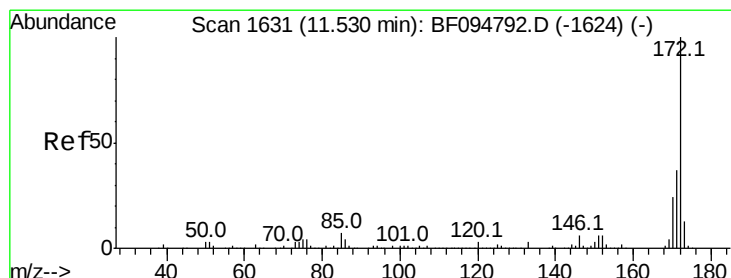
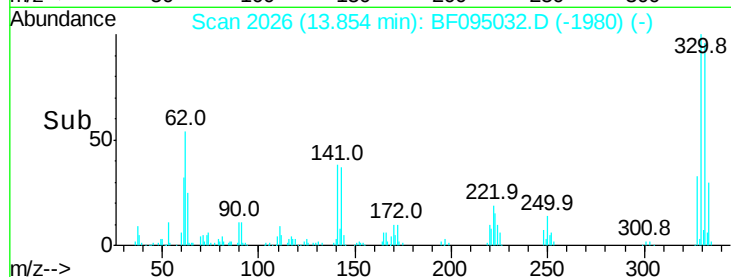
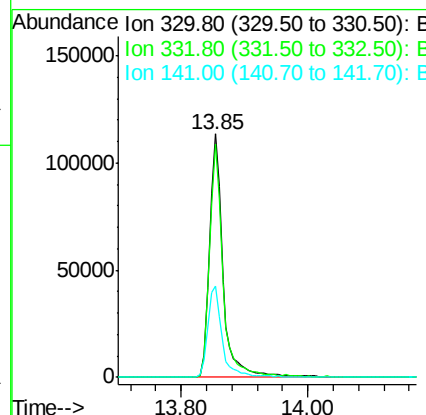
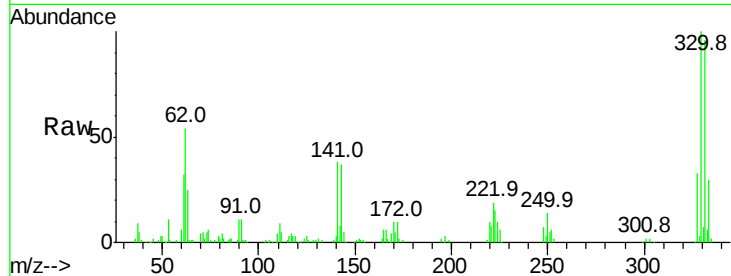




#41
 2,4,6-Tribromophenol
 Concen: 112.75 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BF095032.D
 Acq: 9 May 2017 20:39

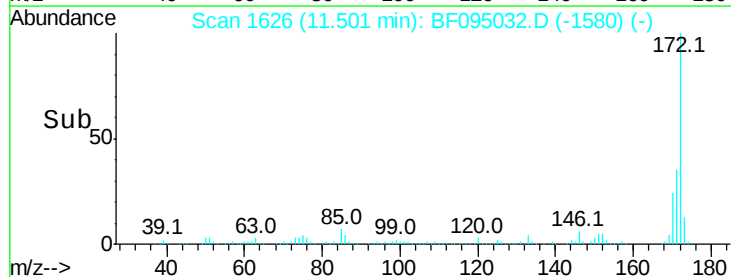
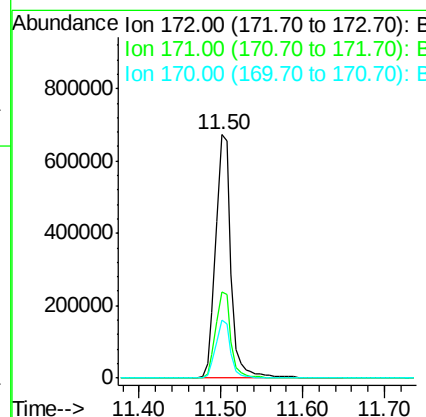
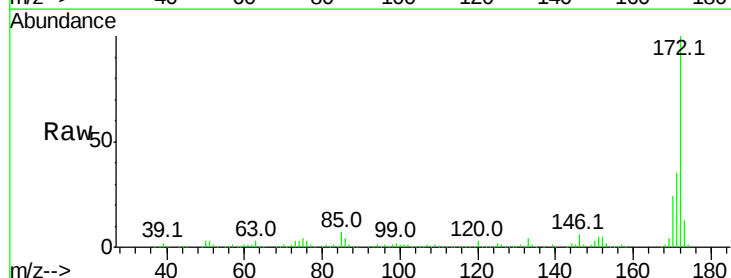
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GTMW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	39.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 69.90 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095032.D
 Acq: 9 May 2017 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.6	19.8	29.8

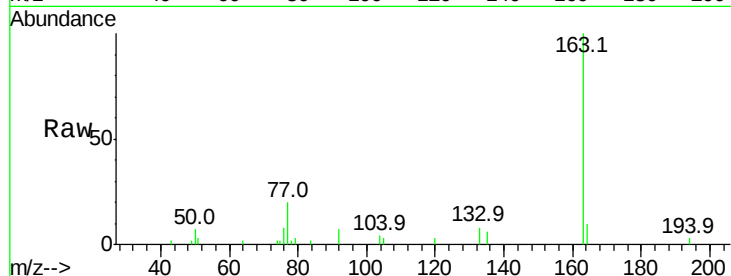




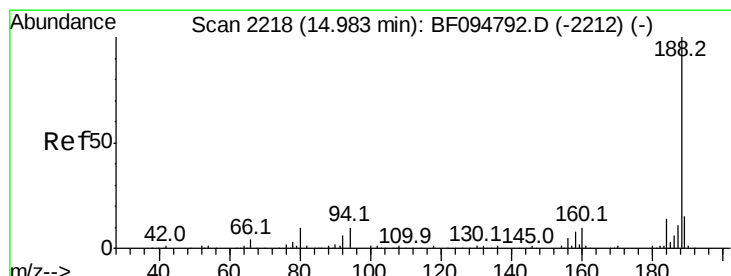
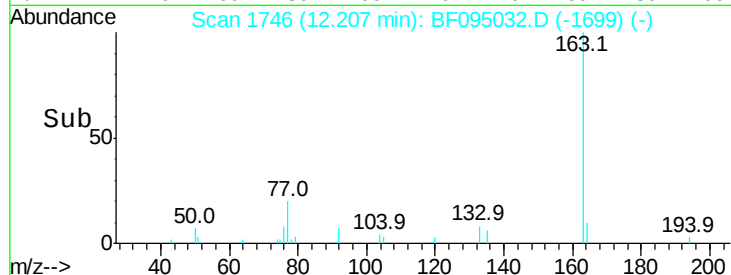
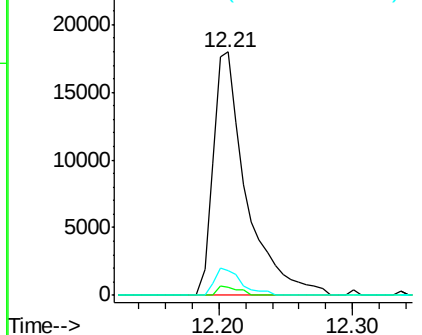
#49
Dimethylphthalate
Concen: 2.09 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-3

Tot Ion:163 Resp: 31342
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6

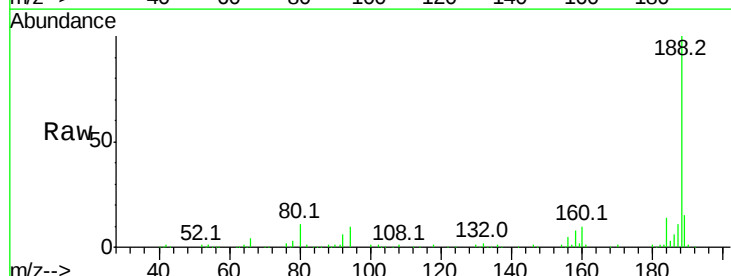


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

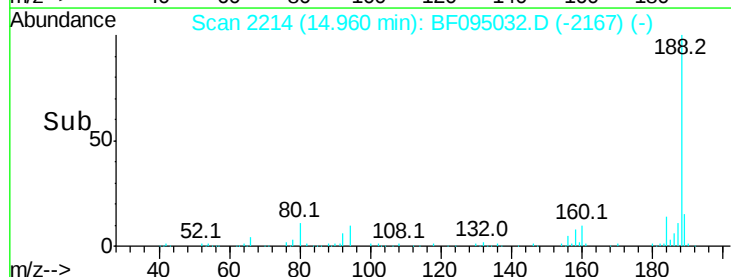
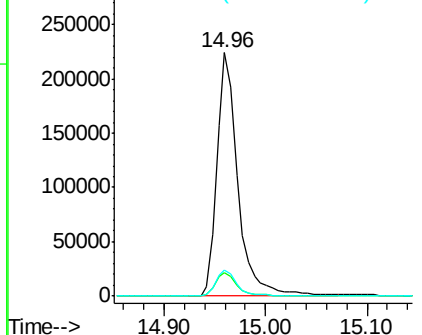


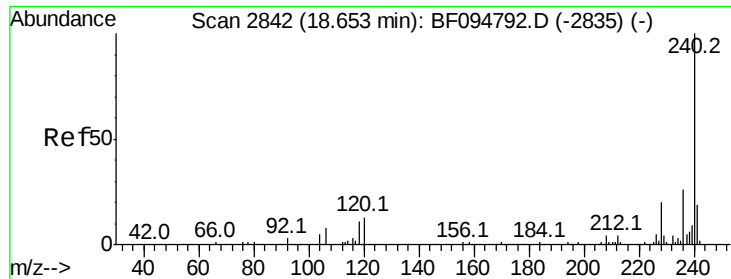
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Tgt Ion:188 Resp: 323142
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.6 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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

Instrument :

BNA_F

ClientSampleId :

RAV-GTMW-3

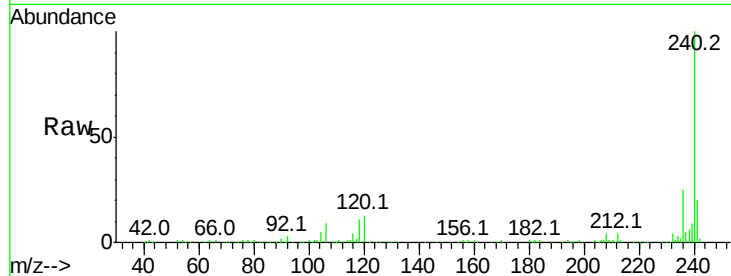
Tot Ion:240 Resp: 260568

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

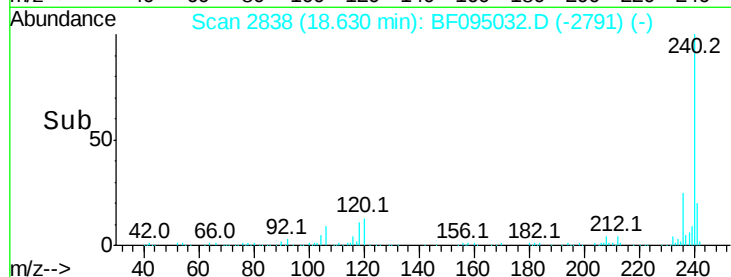
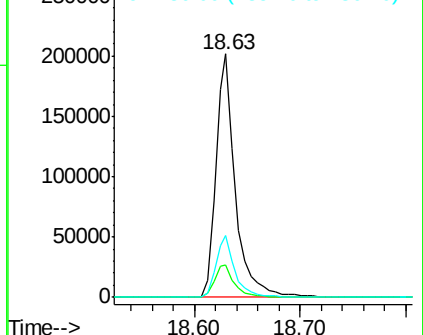
236 25.2 20.5 30.7



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: 64.73 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095032.D

Acq: 9 May 2017 20:39

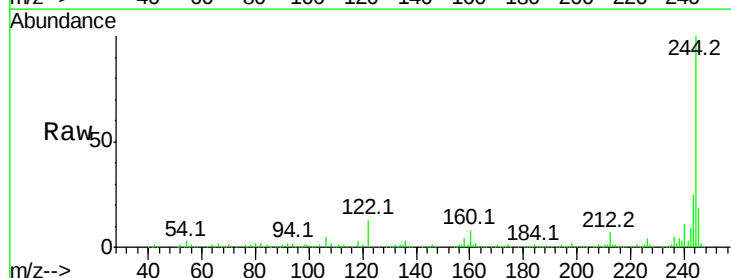
Tgt Ion:244 Resp: 765724

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

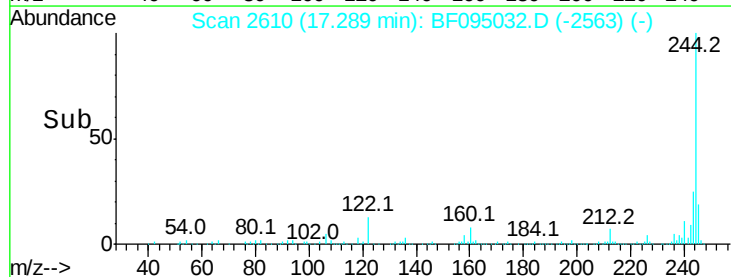
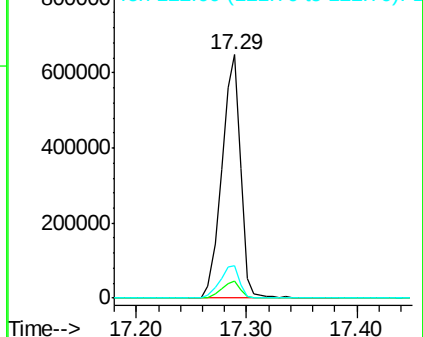
122 13.5 10.3 15.5

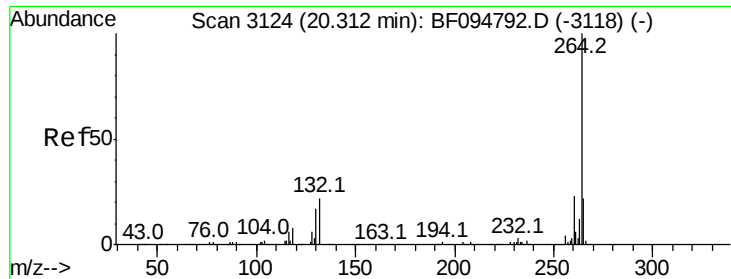


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

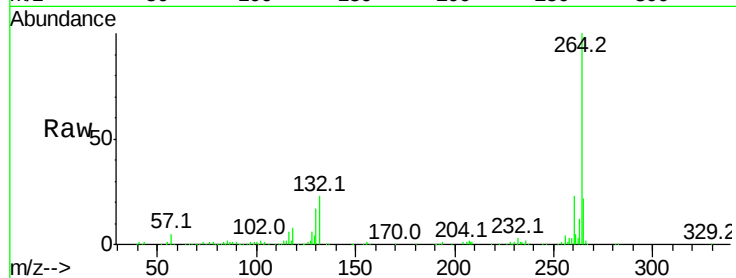




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095032.D
Acq: 9 May 2017 20:39

Instrument :
BNA_F
ClientSampleId :
RAV-GTMW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.3	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

