

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095641.D
 Acq On : 2 Jun 2017 19:00
 Operator : SJ/MA
 Sample : I3443-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-RO-6699AA-060117

Quant Time: Jun 03 03:48:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

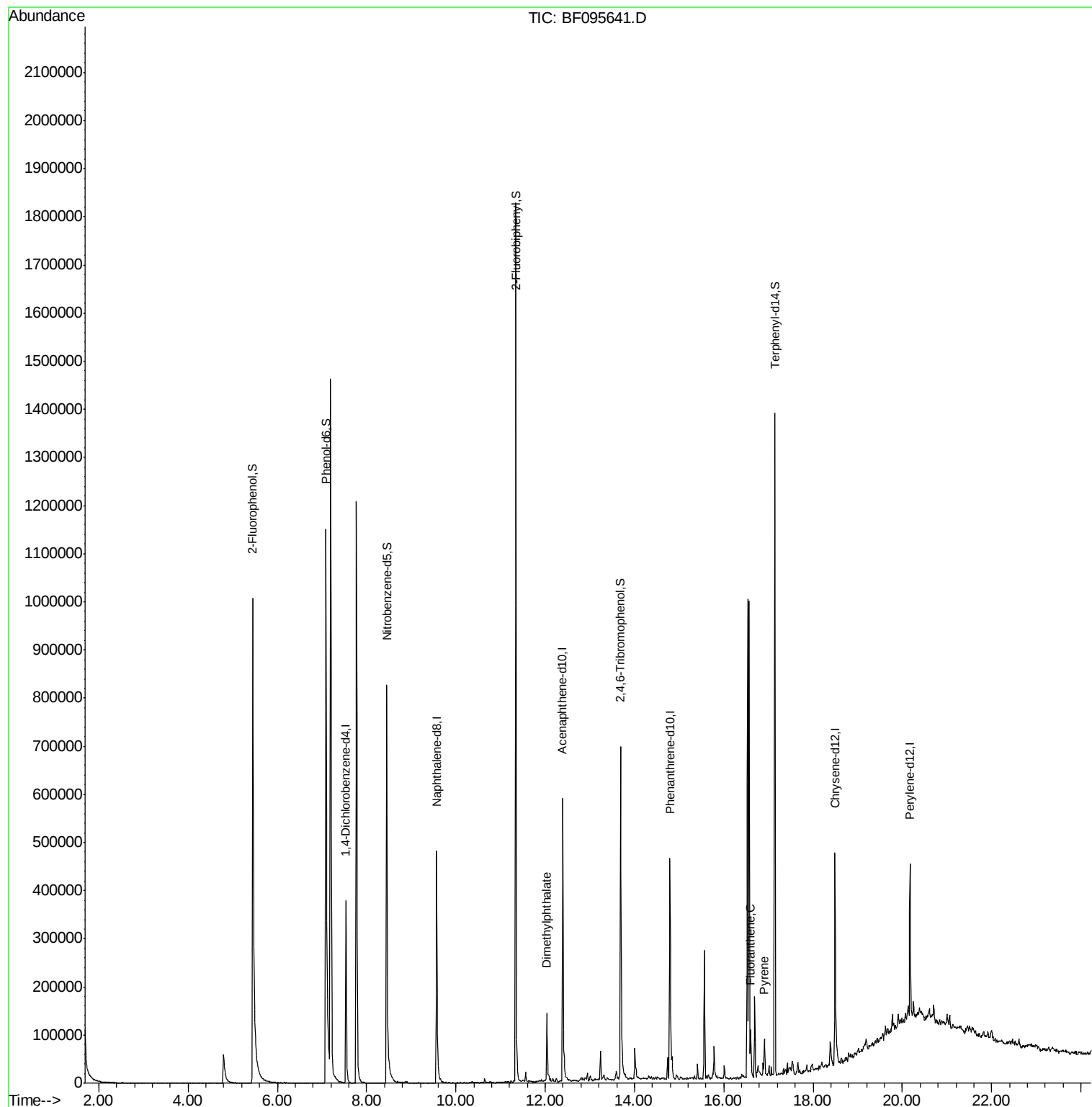
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	95479	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	379126	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	164311	20.00	ng	0.00
63) Phenanthrene-d10	14.79	188	253559	20.00	ng	-0.01
75) Chrysene-d12	18.49	240	197794	20.00	ng	0.00
86) Perylene-d12	20.17	264	146823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	644827	112.60	ng	0.00
7) Phenol-d6	7.09	99	799880	116.41	ng	0.00
23) Nitrobenzene-d5	8.45	82	451177	75.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	130386	96.89	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	801452	70.21	ng	0.00
78) Terphenyl-d14	17.14	244	501622	55.86	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.04	163	98052	7.27	ng	99
74) Fluoranthene	16.61	202	35035	2.34	ng	99
77) Pyrene	16.91	202	35916	2.43	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095641.D

Acq: 2 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

SA-RO-6699AA-060117

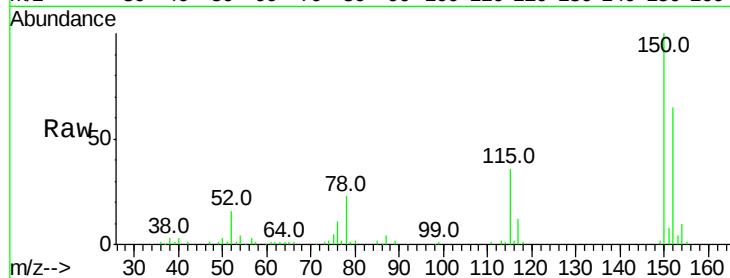
Tot Ion:152 Resp: 95479

Ion Ratio Lower Upper

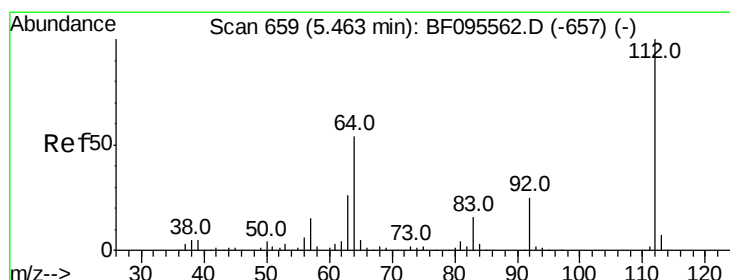
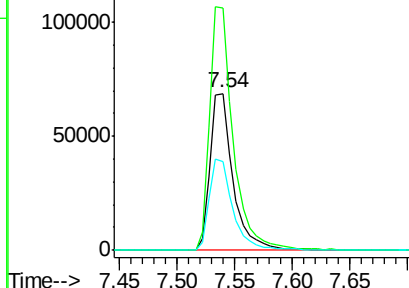
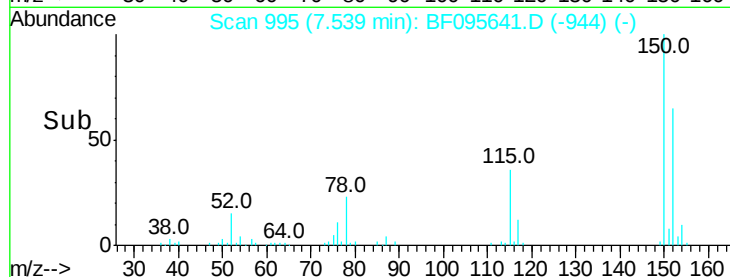
152 100

150 154.3 126.2 189.2

115 56.2 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: 112.60 ng

RT: 5.45 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF095641.D

Acq: 2 Jun 2017 19:00

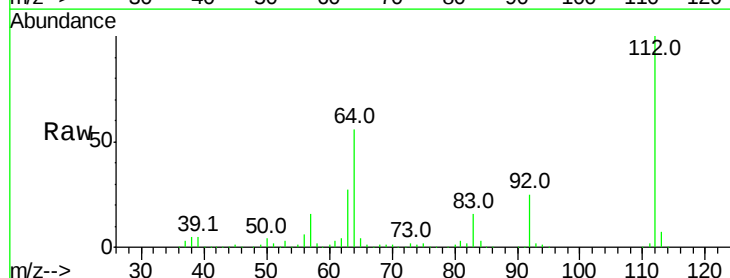
Tgt Ion:112 Resp: 644827

Ion Ratio Lower Upper

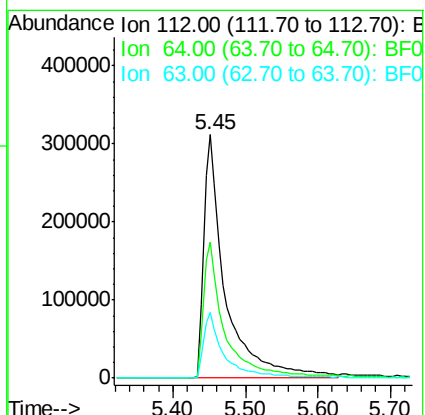
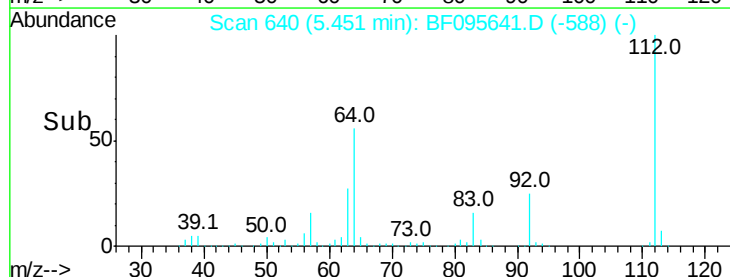
112 100

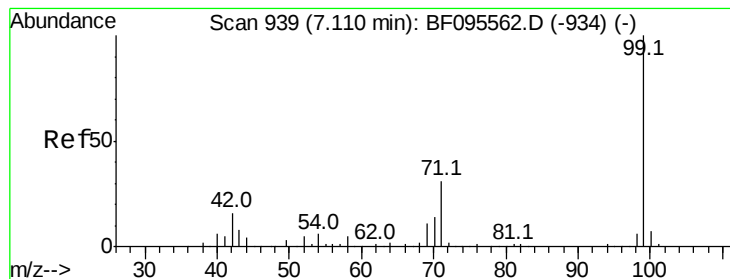
64 56.0 46.0 69.0

63 26.9 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: 116.41 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095641.D

Acq: 2 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

SA-RO-6699AA-060117

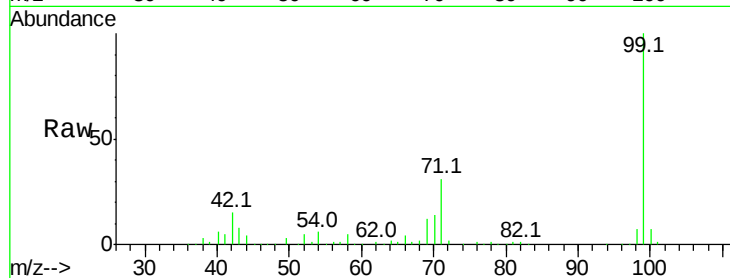
Tot Ion: 99 Resp: 799880

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

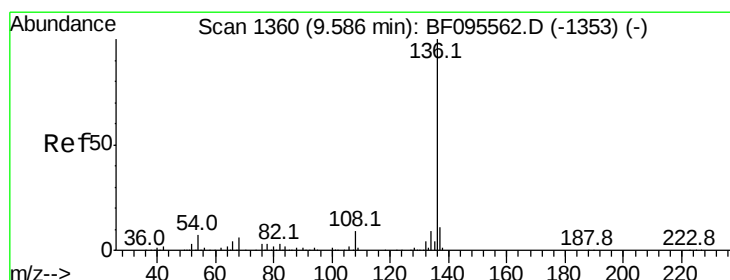
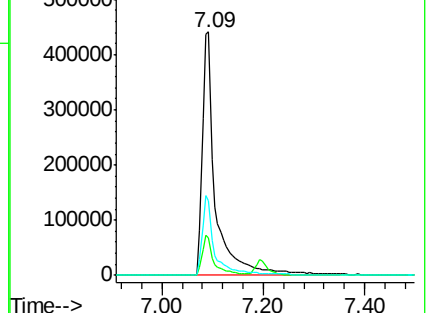
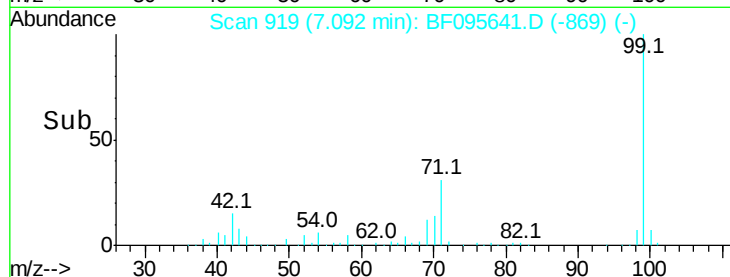
71 30.8 24.5 36.7



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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095641.D

Acq: 2 Jun 2017 19:00

Tgt Ion: 136 Resp: 379126

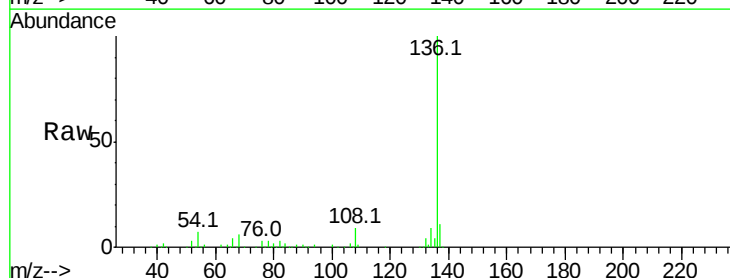
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 6.1 4.1 6.1#

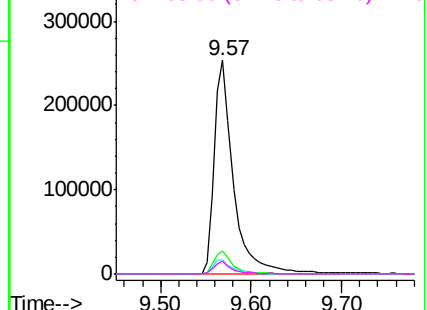
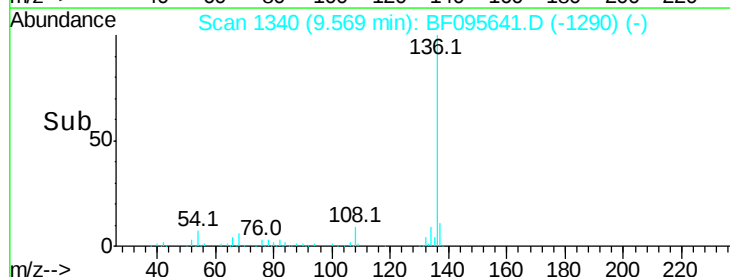


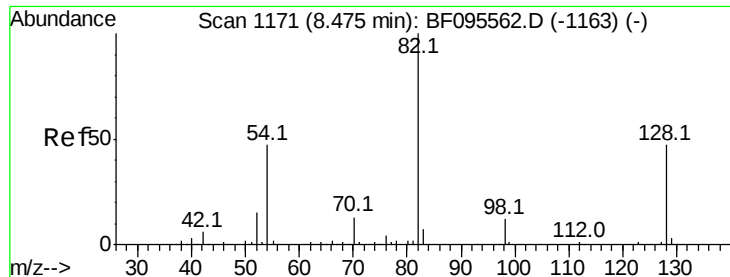
Abundance Ion 136.00 (135.70 to 136.70): E

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

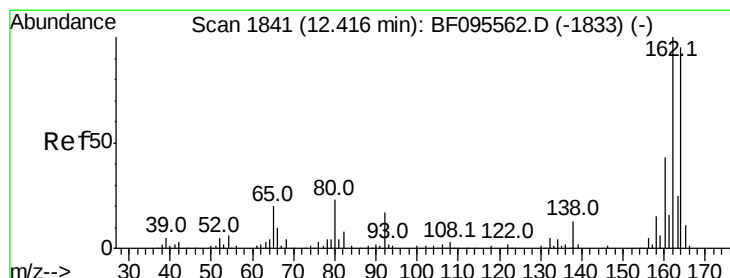
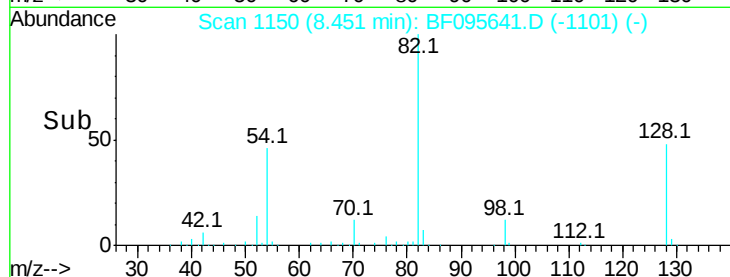
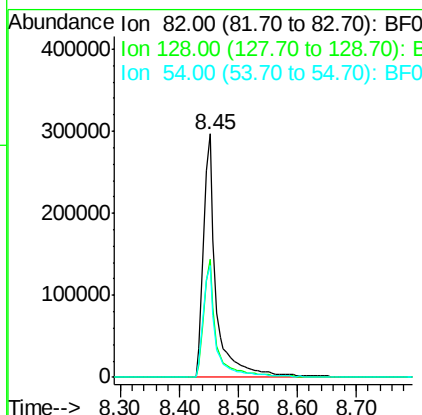
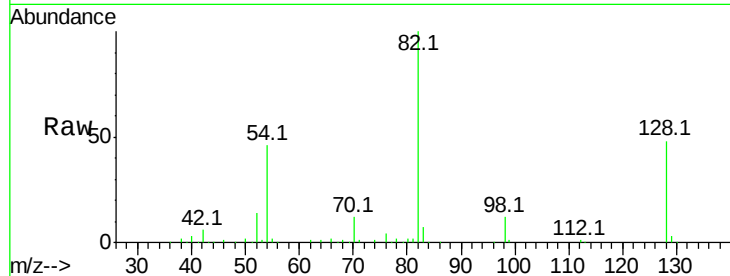




#23
Nitrobenzene-d5
Concen: 75.04 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

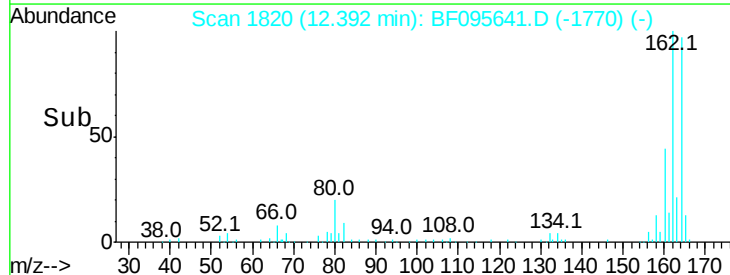
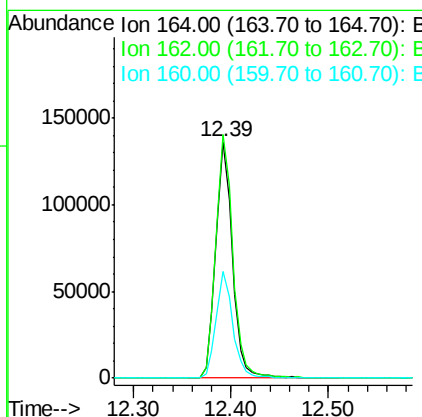
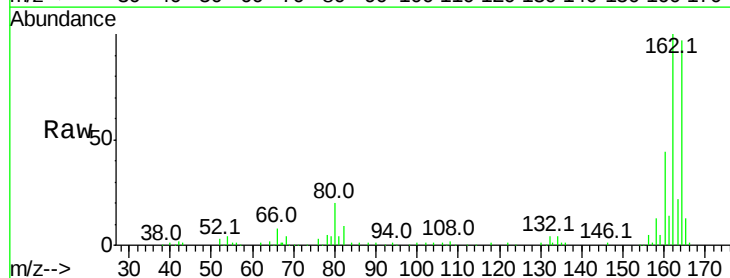
Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

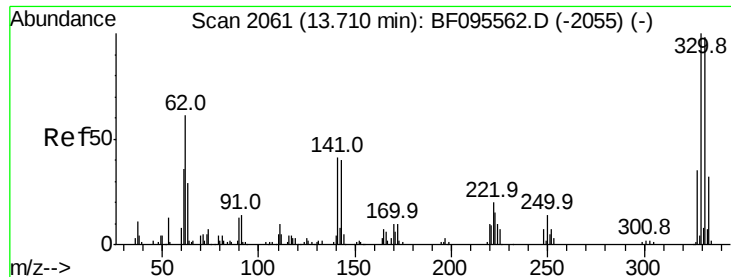
Tot Ion: 82 Resp: 451177
Ion Ratio Lower Upper
82 100
128 48.4 34.0 51.0
54 46.2 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

Tgt Ion:164 Resp: 164311
Ion Ratio Lower Upper
164 100
162 103.0 82.6 123.8
160 45.2 36.2 54.2

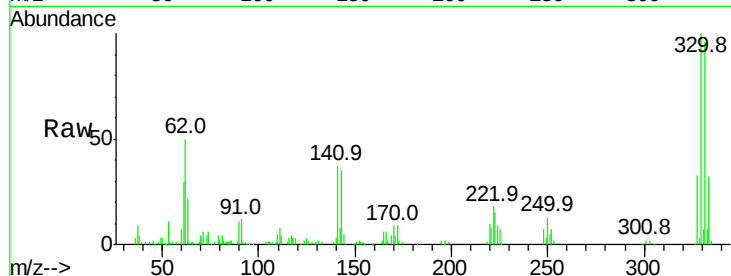




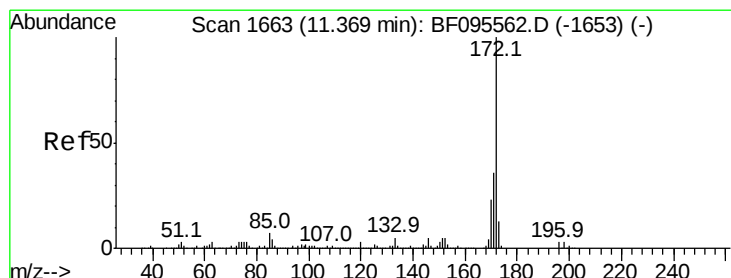
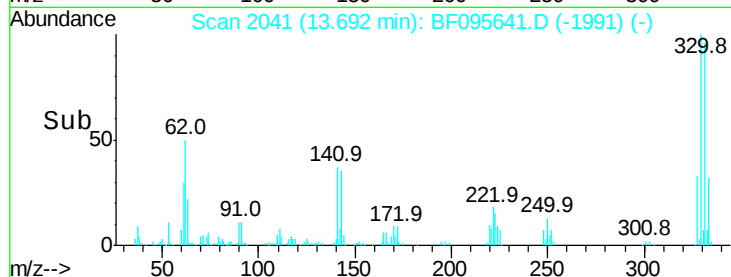
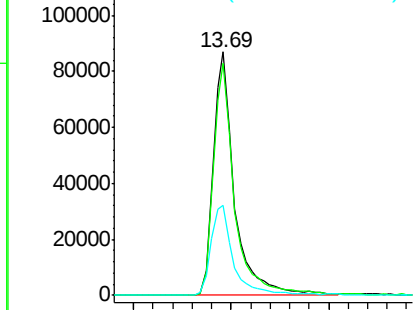
#41
 2,4,6-Tribromophenol
 Concen: 96.89 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095641.D
 Acq: 2 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SA-RO-6699AA-060117

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.4	31.4	47.2

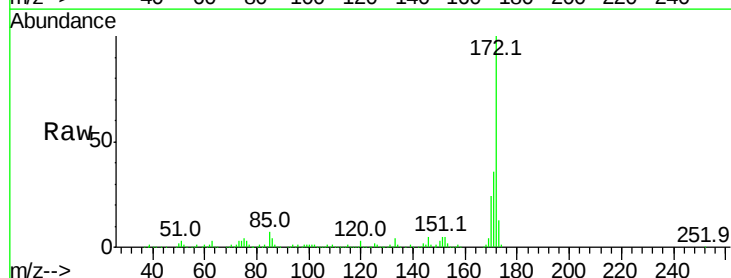


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

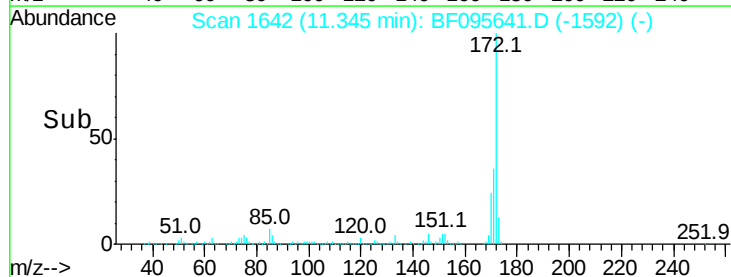
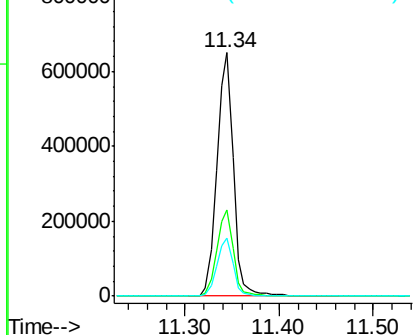


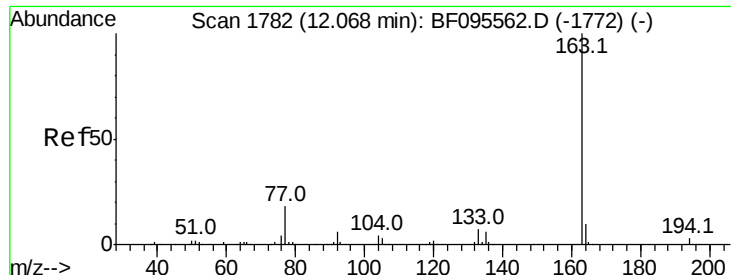
#44
 2-Fluorobiphenyl
 Concen: 70.21 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095641.D
 Acq: 2 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.8	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

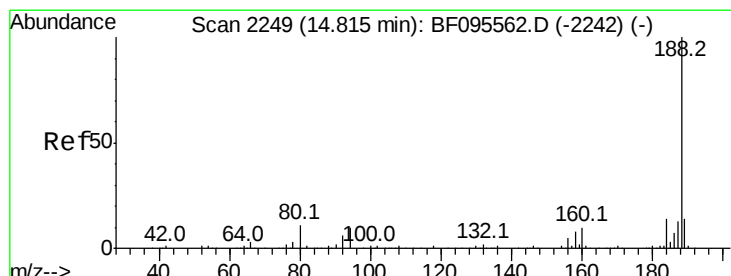
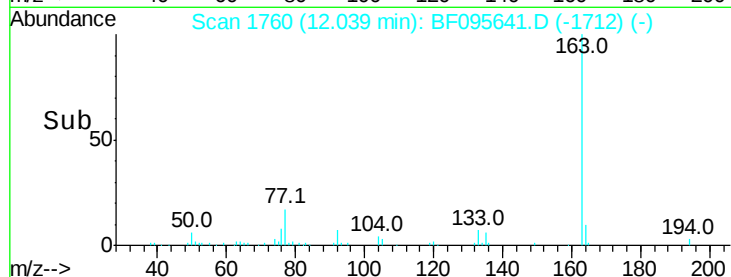
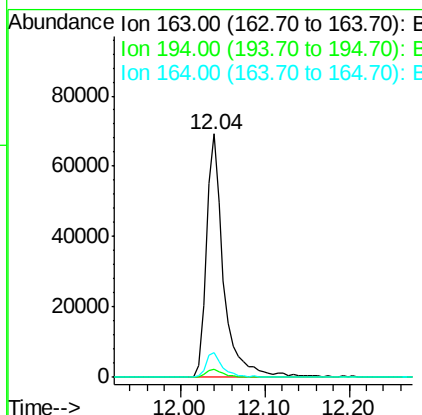
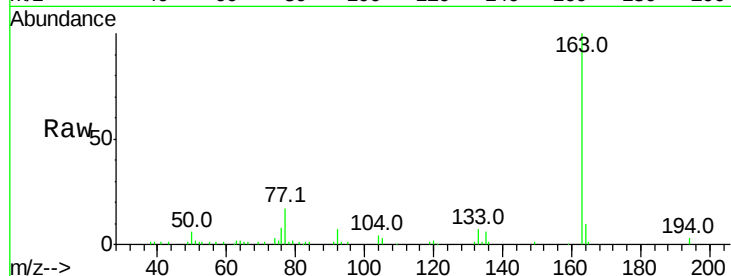




#49
Dimethylphthalate
Concen: 7.27 ng
RT: 12.04 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

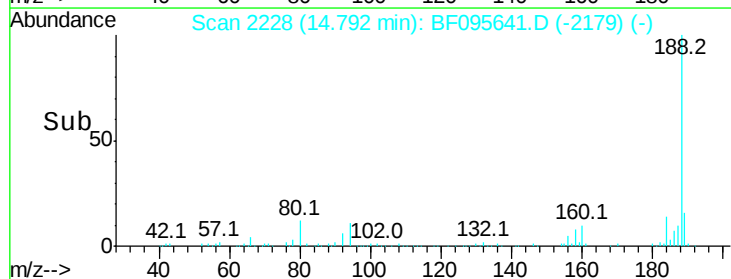
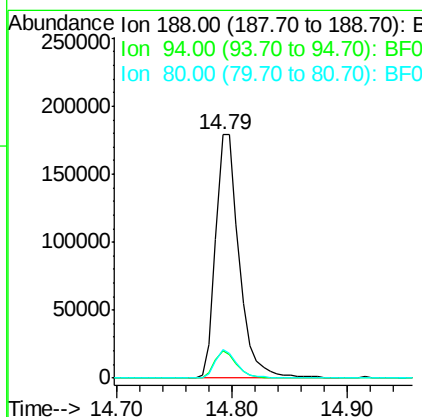
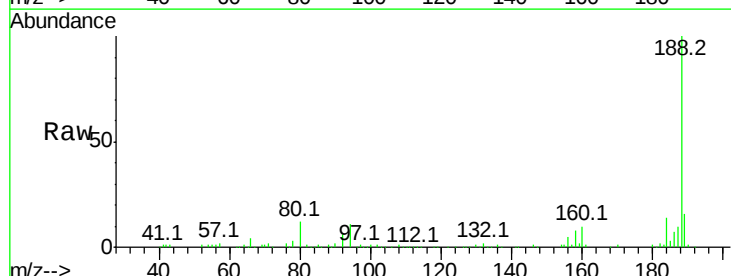
Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

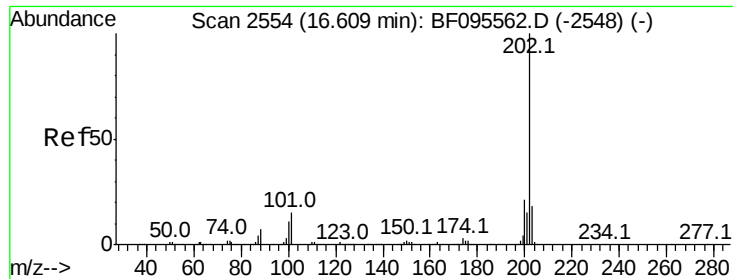
Tot Ion:163 Resp: 98052
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

Tgt Ion:188 Resp: 253559
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.6 10.2 15.2

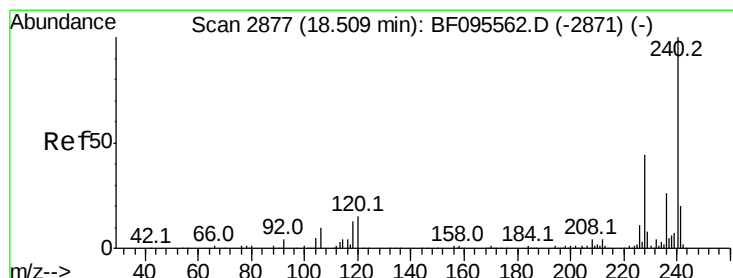
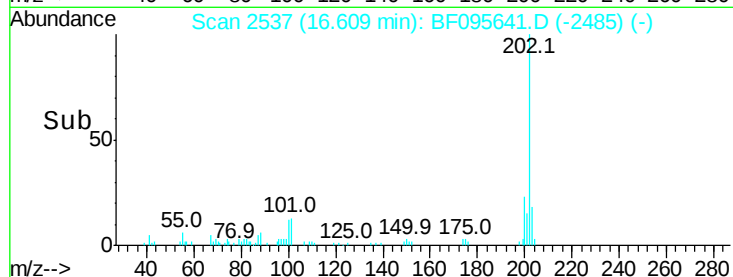
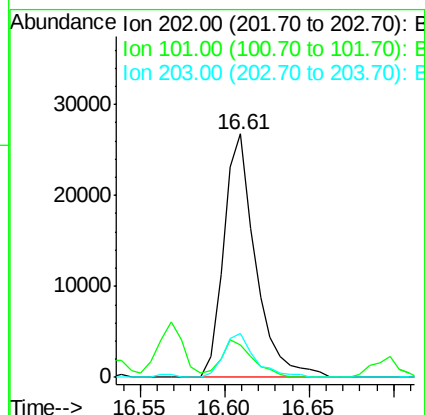
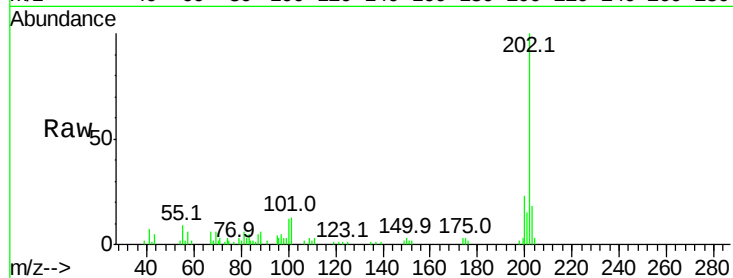




#74
Fluoranthene
Concen: 2.34 ng
RT: 16.61 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

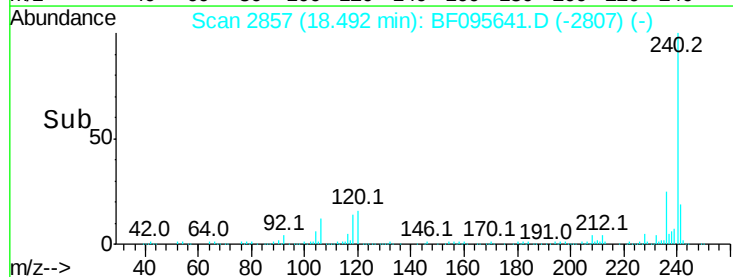
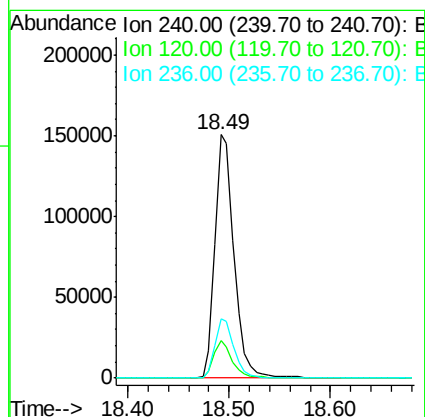
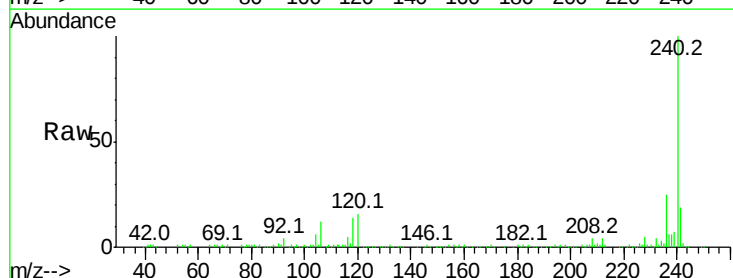
Instrument :
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SA-RO-6699AA-060117

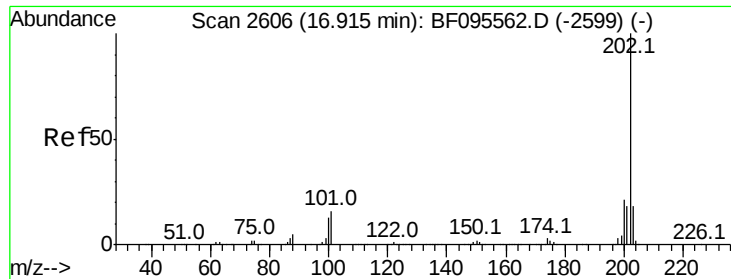
Tot Ion:202 Resp: 35035
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.9 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

Tgt Ion:240 Resp: 197794
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 24.5 20.5 30.7

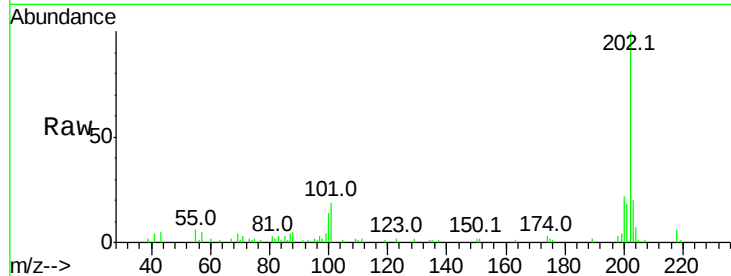




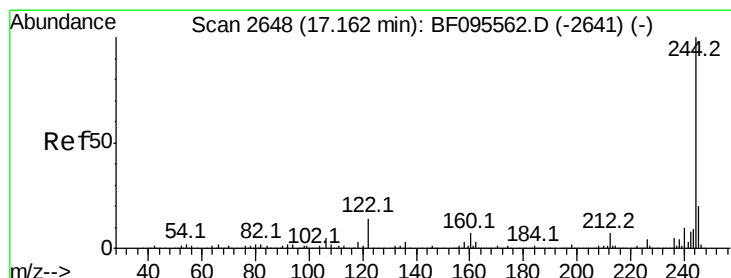
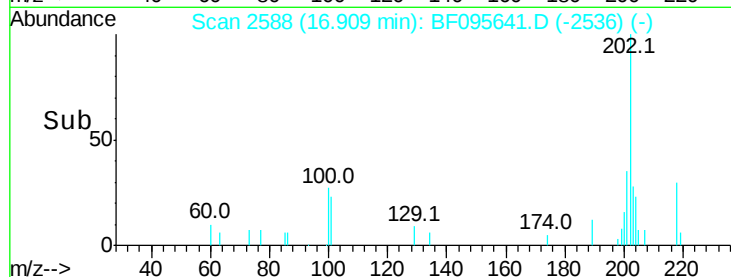
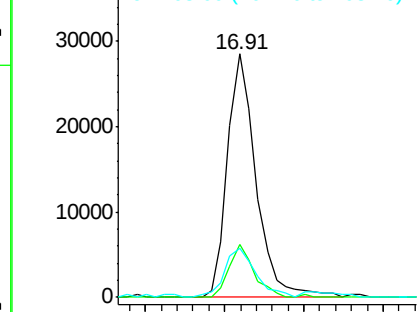
#77
Pvrene
Concen: 2.43 ng
RT: 16.91 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tot Ion:202 Resp: 35916
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 20.0 14.4 21.6

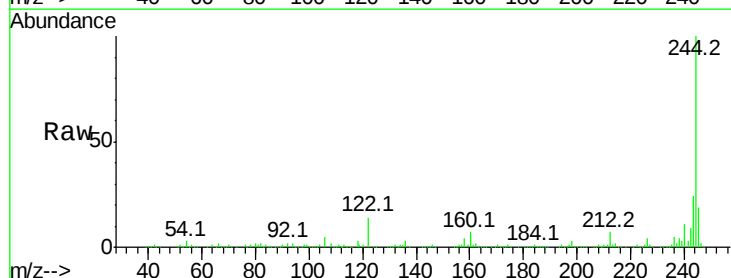


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

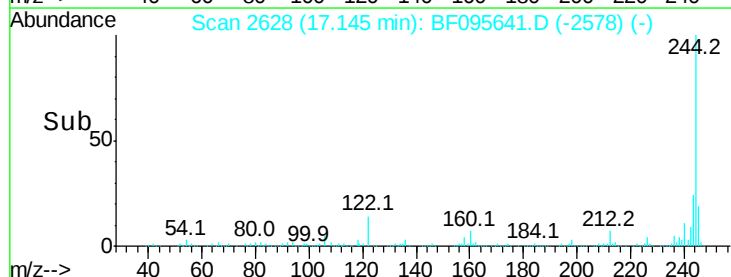
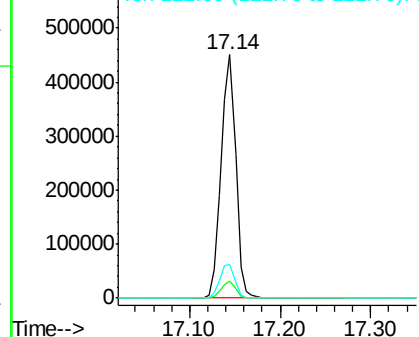


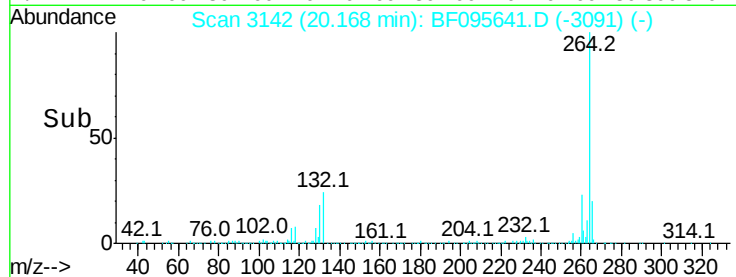
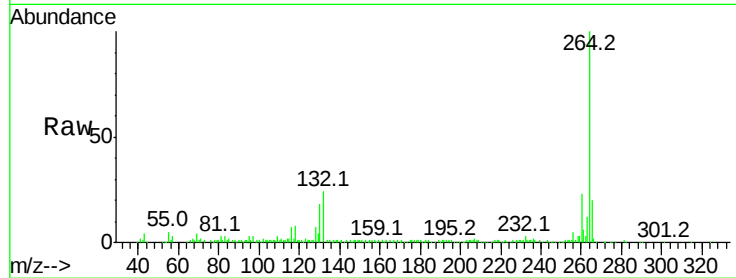
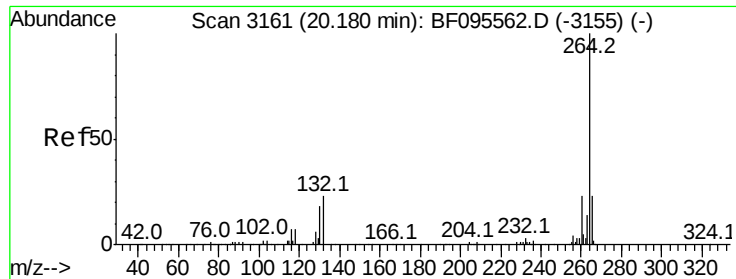
#78
Terphenyl-d14
Concen: 55.86 ng
RT: 17.14 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

Tgt Ion:244 Resp: 501622
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.8 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: 20.17 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BF095641.D

Acq: 2 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

SA-RO-6699AA-060117

Tot Ion:264 Resp: 146823

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 20.5 17.2 25.8

