

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 :

Quant Time: Jun 03 01:32:37 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

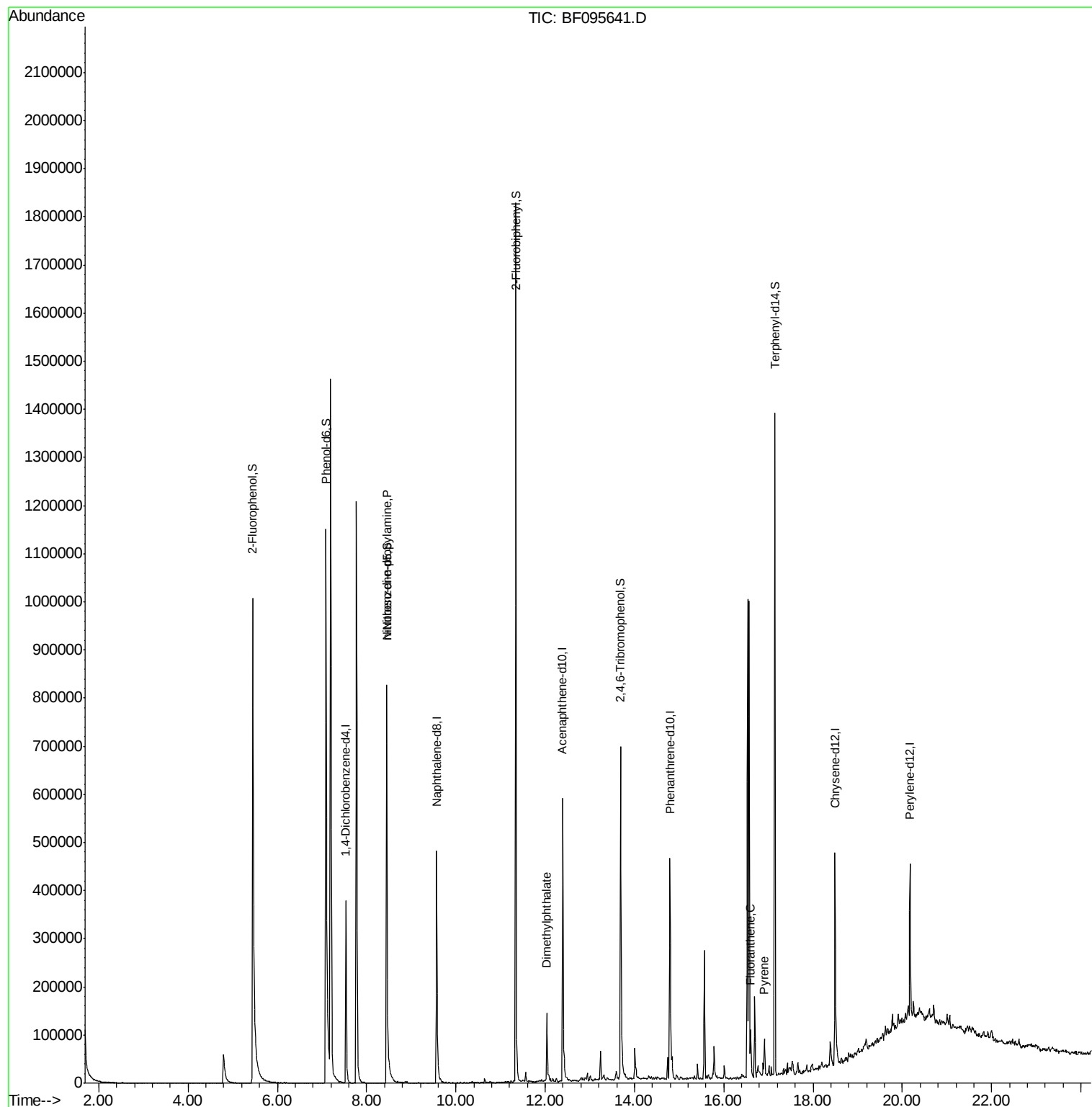
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	95479	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	379126	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	164311	20.00	ng	0.00
63) Phenanthrene-d10	14.79	188	253559	20.00	ng	-0.01
75) Chrysene-d12	18.49	240	197794	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						
19) n-Nitroso-di-n-propylamine	8.45	70	54879	11.81	ng	Qvalue # 80
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

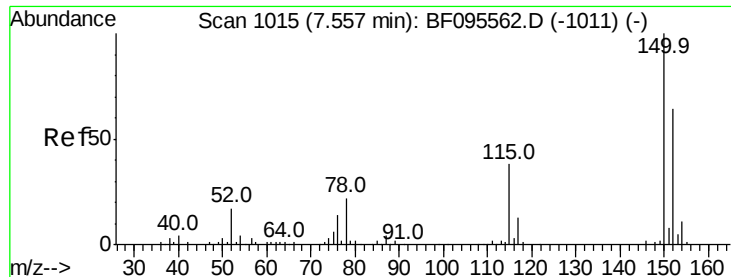
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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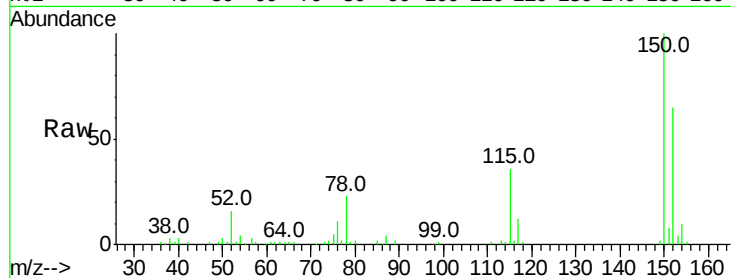


#1

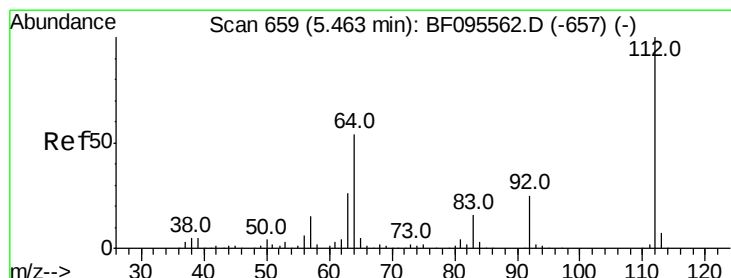
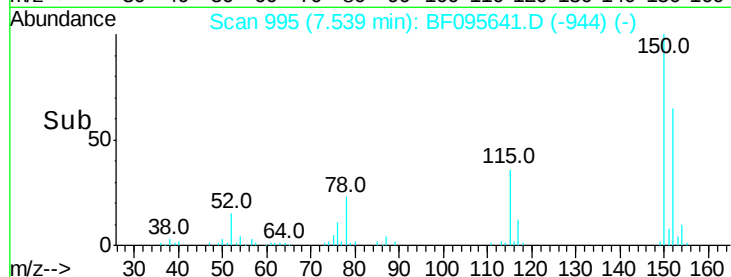
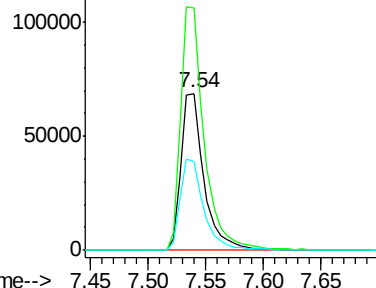
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

Instrument :
BNA_F
ClientSampled :

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



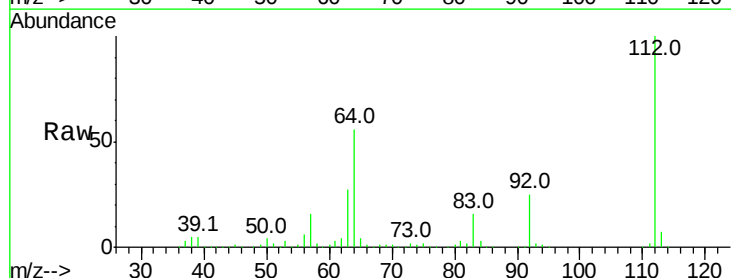
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



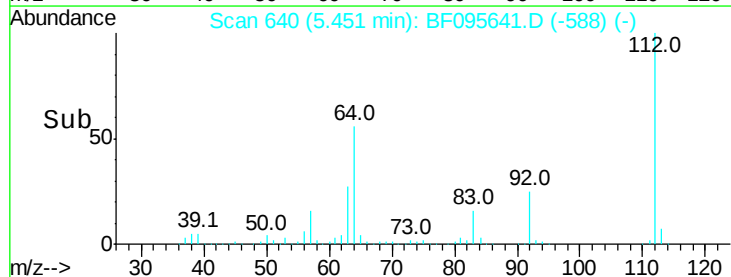
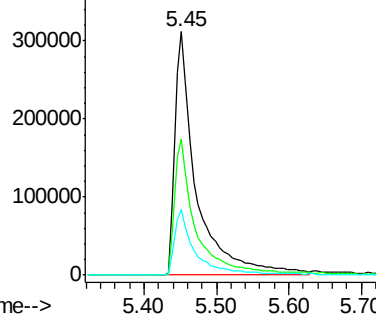
#5

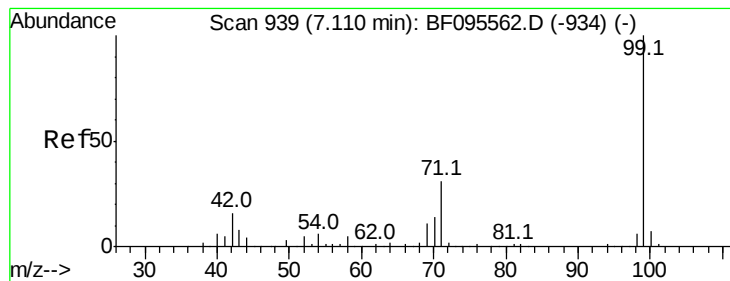
2-Fluorophenol
Concen: 112.60 ng
RT: 5.45 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

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

ClientSampled :

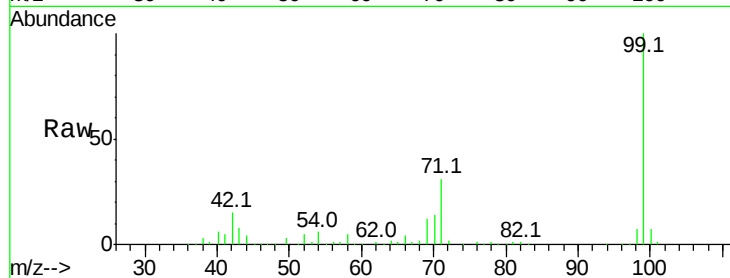
Tot Ion: 99 Resp: 799880

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

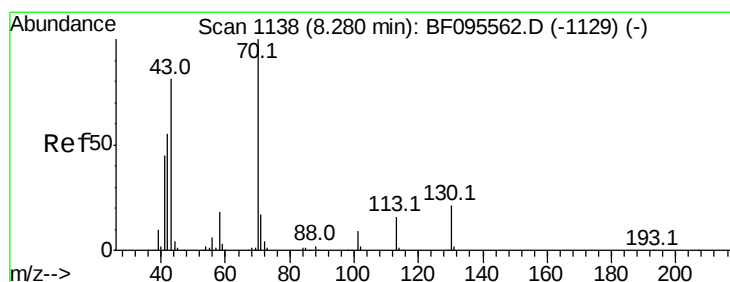
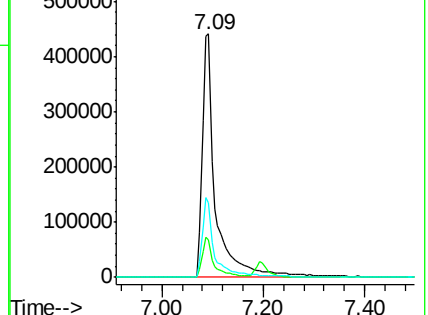
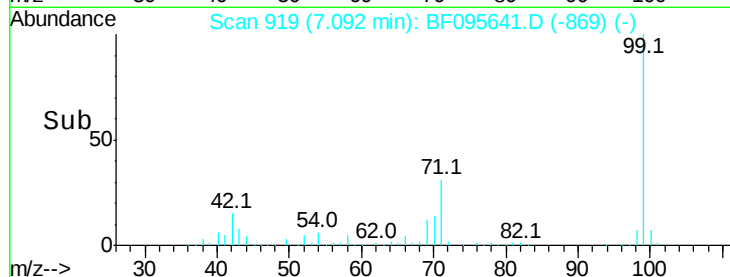
71 30.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.81 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095641.D

Acq: 2 Jun 2017 19:00

Tgt Ion: 70 Resp: 54879

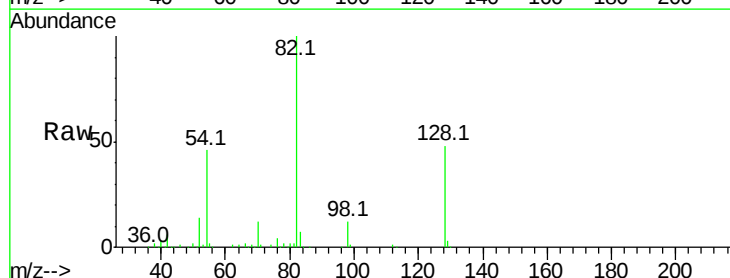
Ion Ratio Lower Upper

70 100

42 48.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

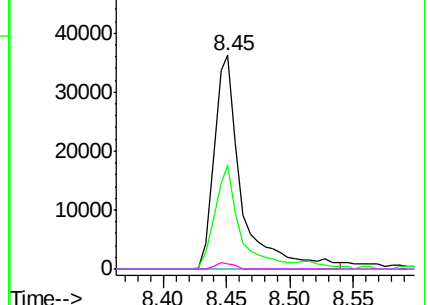
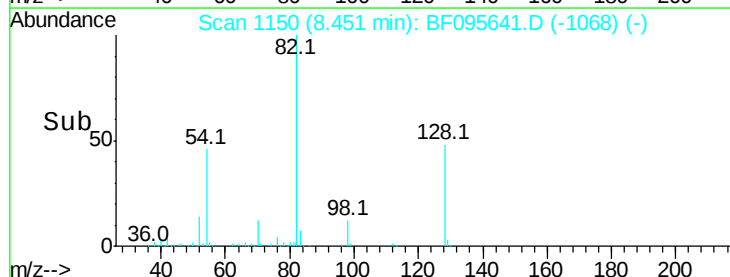


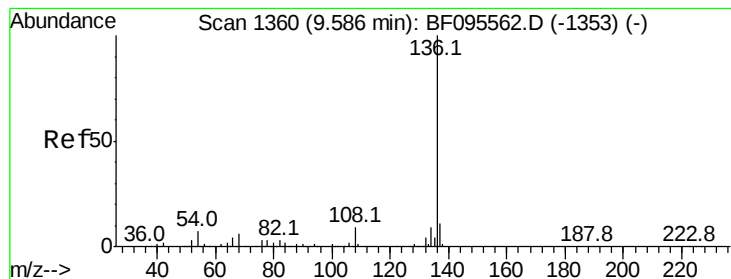
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): 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

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 379126

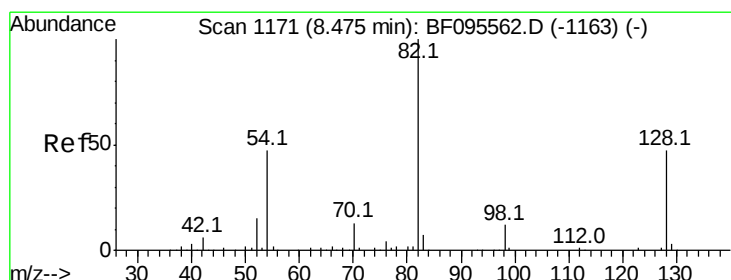
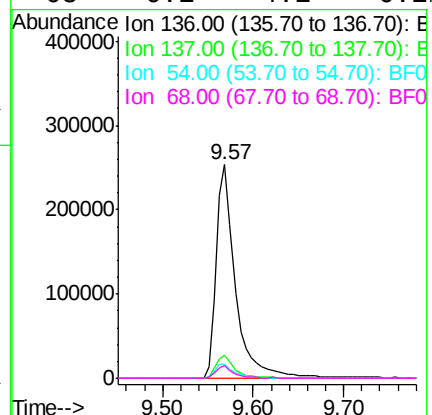
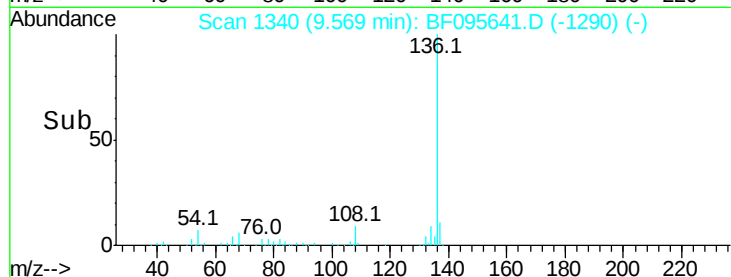
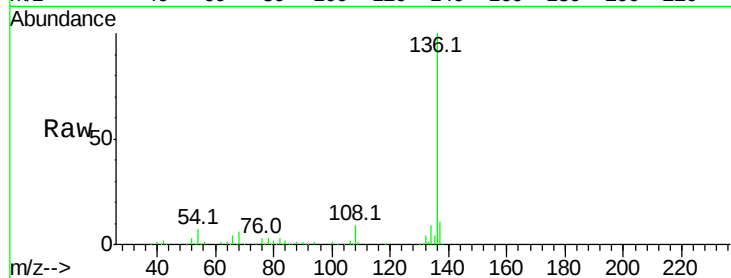
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 6.1 4.1 6.1#



#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

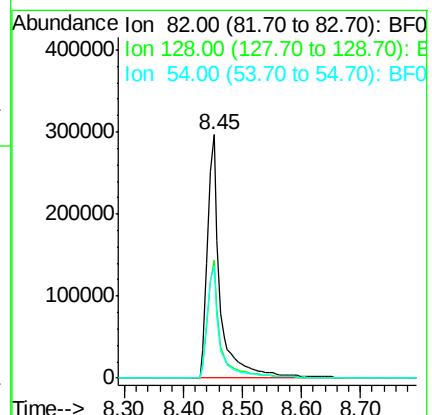
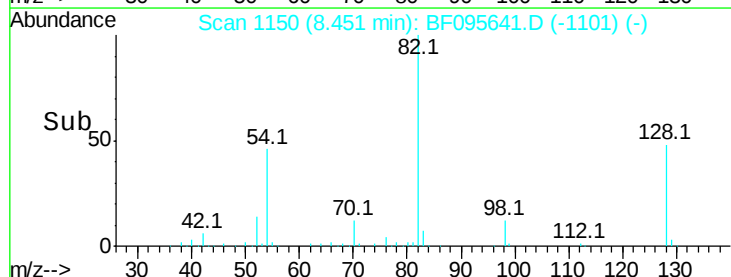
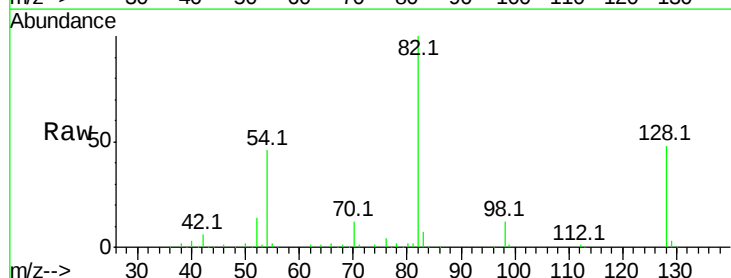
Tgt Ion: 82 Resp: 451177

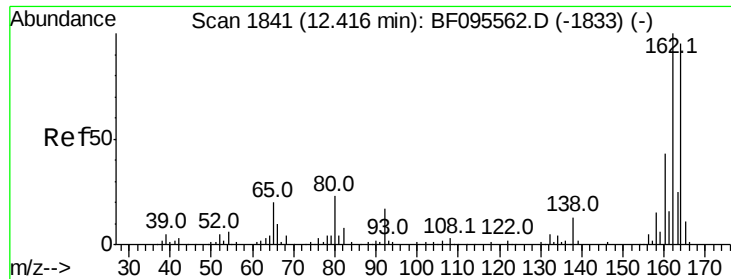
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

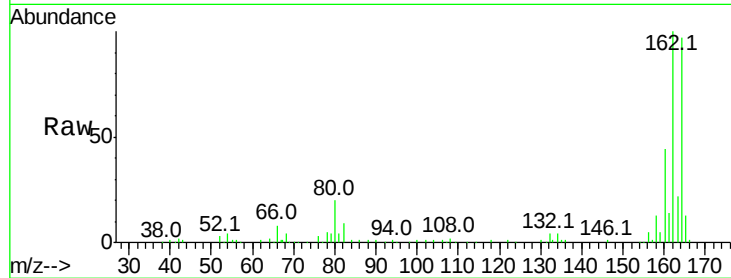
Tot Ion:164 Resp: 164311

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

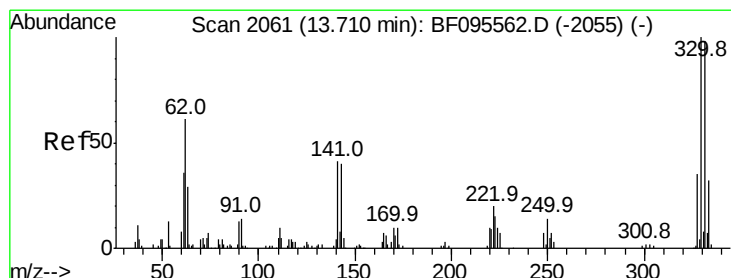
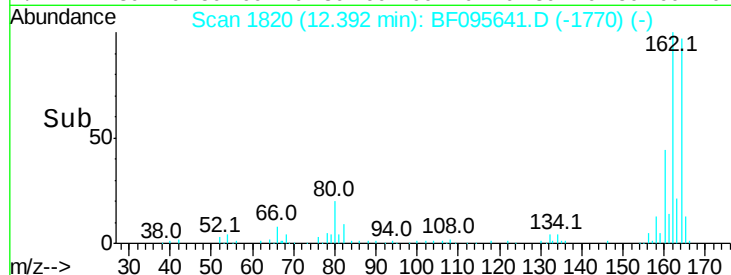
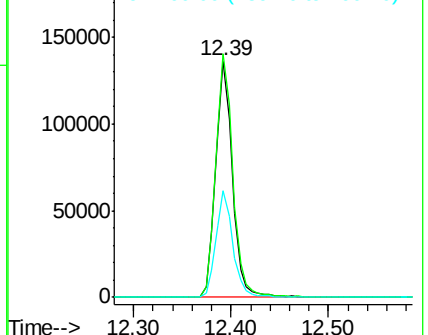
160 45.2 36.2 54.2



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: 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

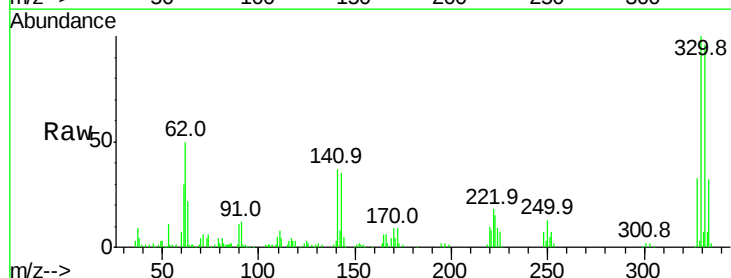
Tgt Ion:330 Resp: 130386

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

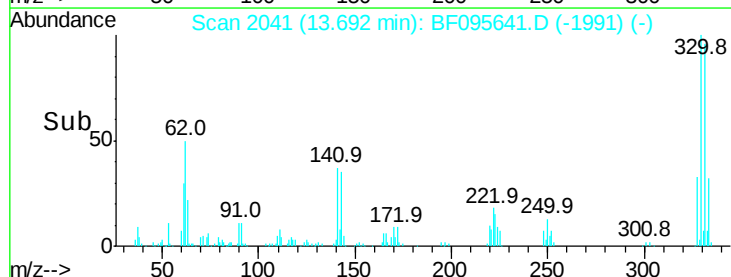
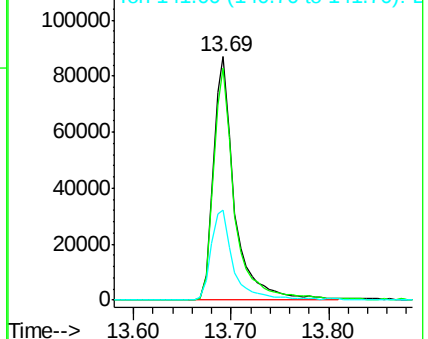
141 39.4 31.4 47.2

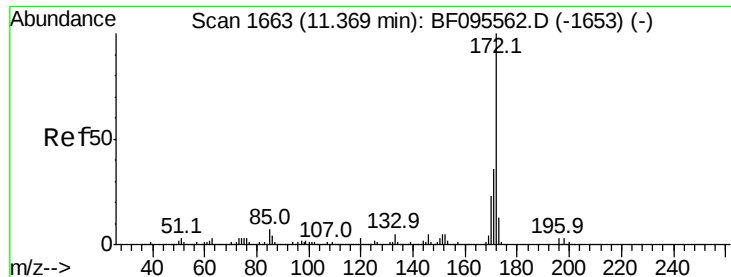


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

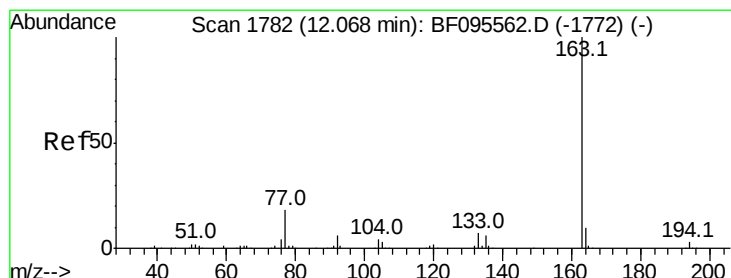
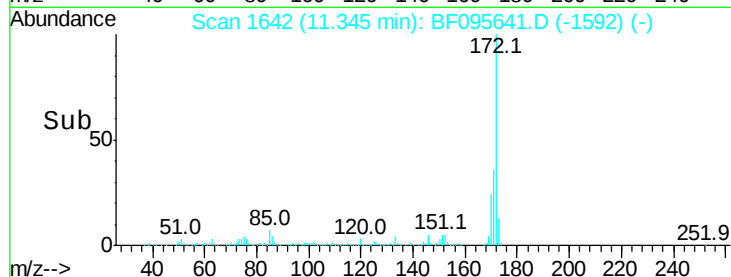
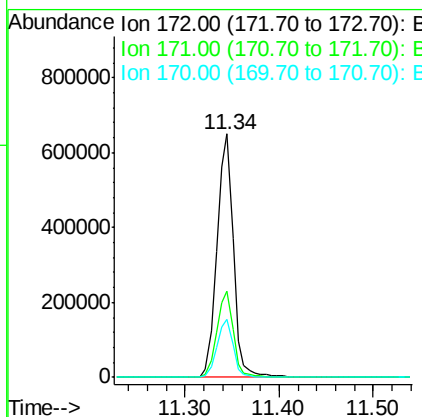
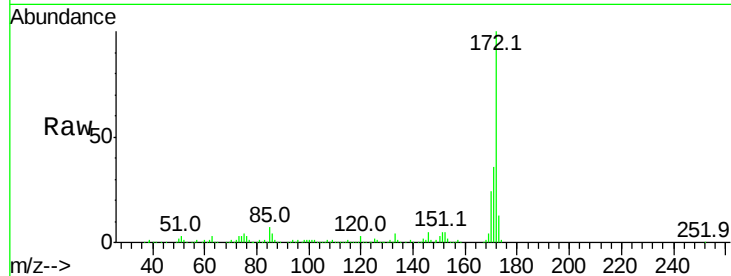




#44
2-Fluorobiphenyl
Concen: 70.21 ng
RT: 11.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

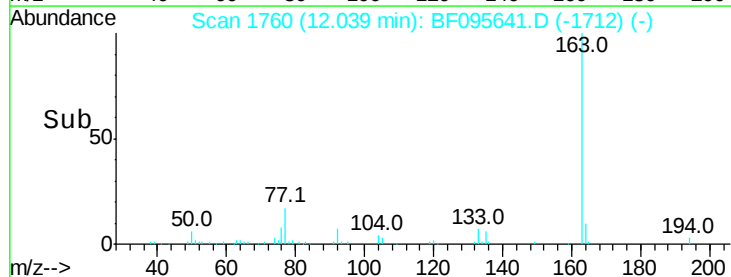
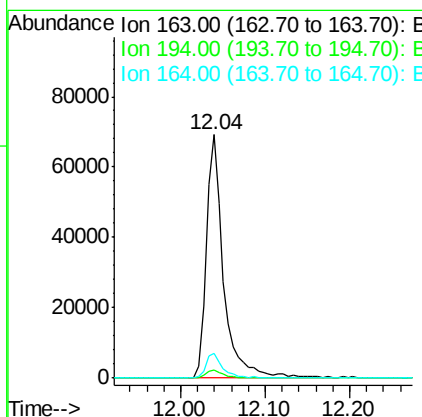
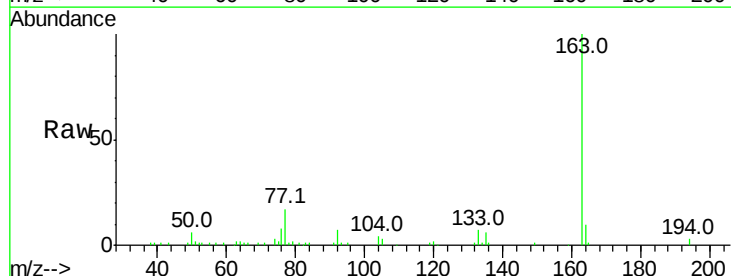
Instrument :
BNA_F
ClientSampled :

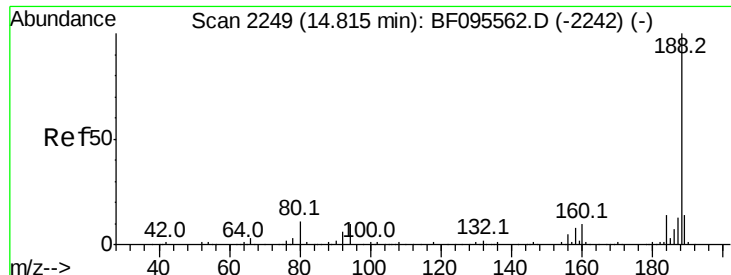
Tot Ion:172 Resp: 801452
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.8 19.8 29.8



#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

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

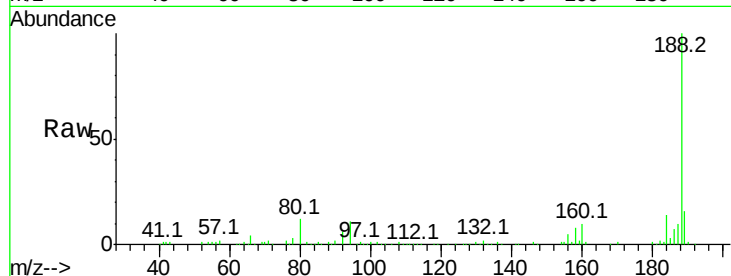




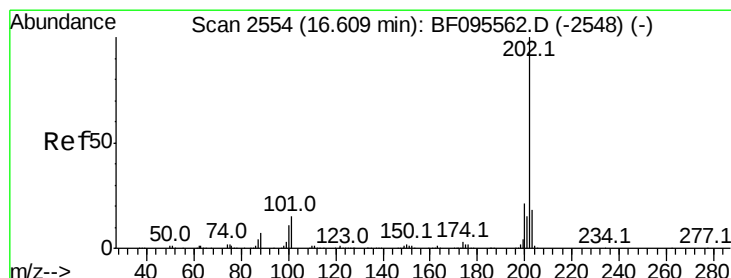
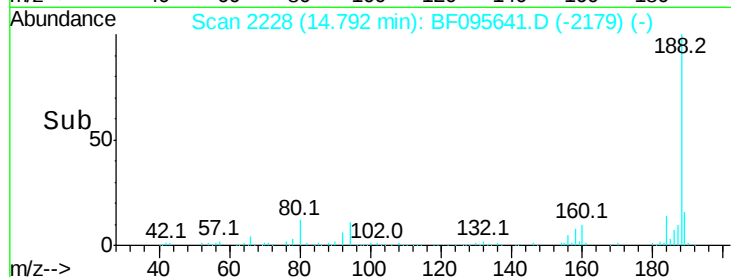
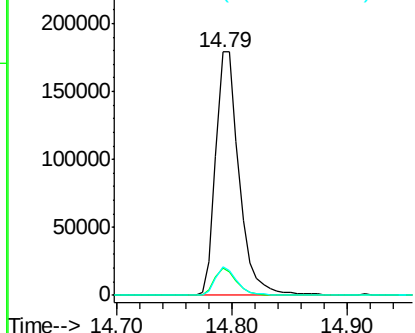
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

Instrument :
BNA_F
ClientSampled :

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

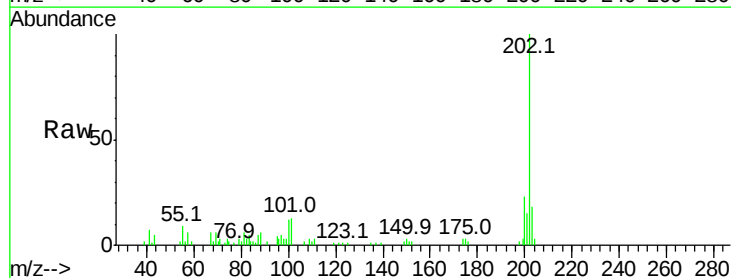


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

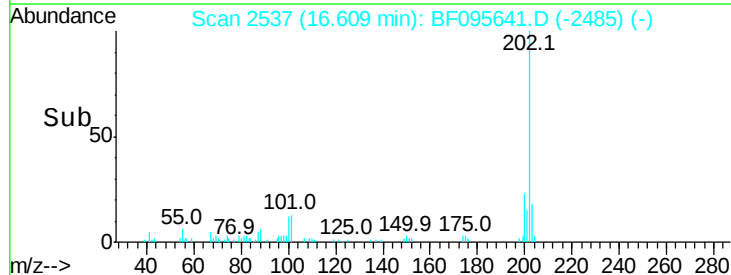
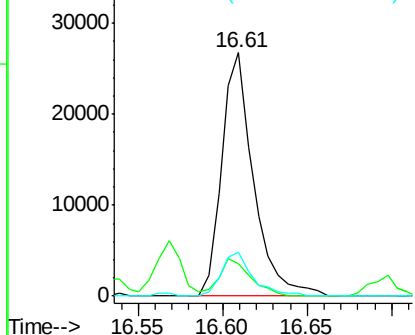


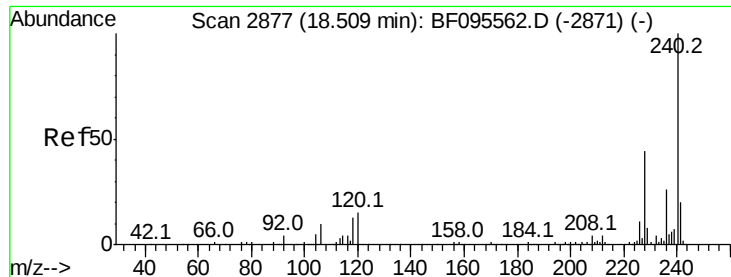
#74
Fluoranthene
Concen: 2.34 ng
RT: 16.61 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

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



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

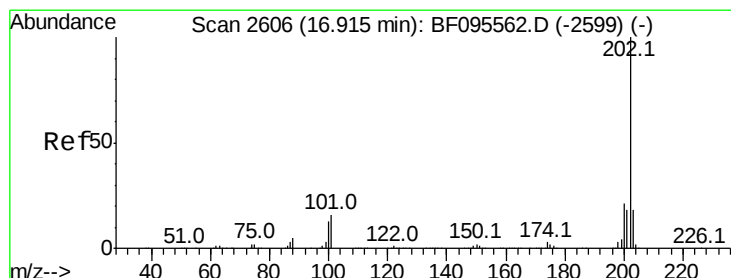
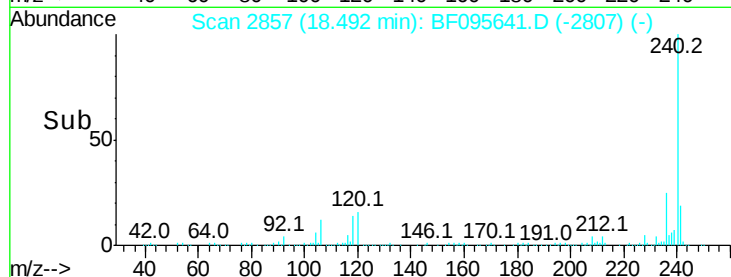
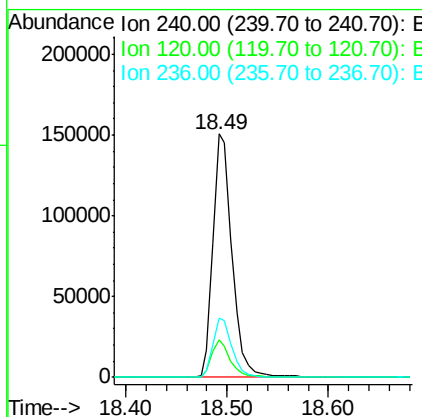
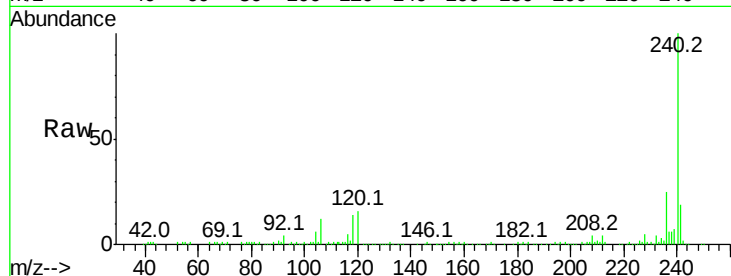




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BF095641.D
Acq: 2 Jun 2017 19:00

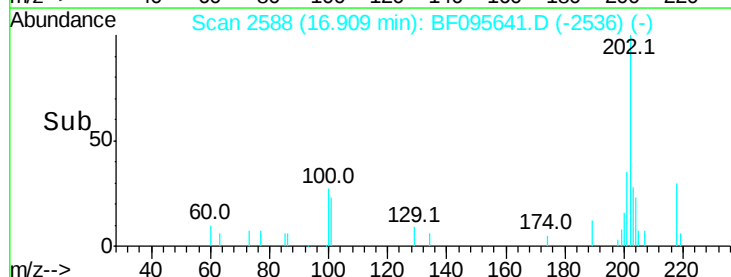
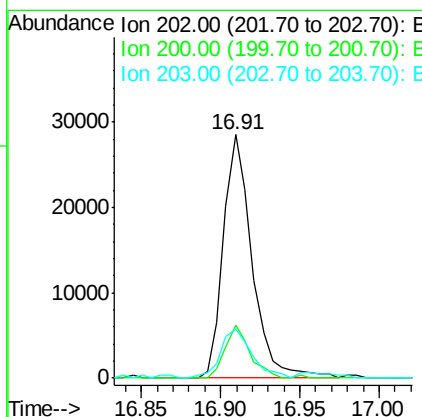
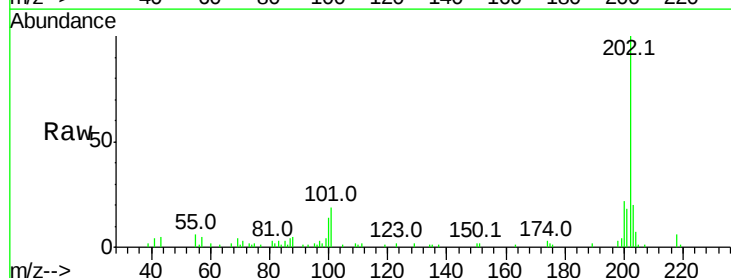
Instrument :
BNA_F
ClientSampleId :

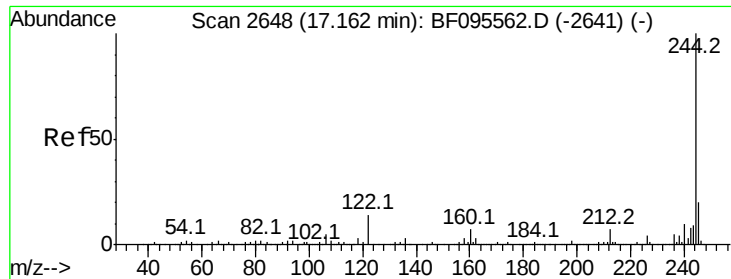
Tot Ion:240 Resp: 197794
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 24.5 20.5 30.7



#77
Pyrene
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

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

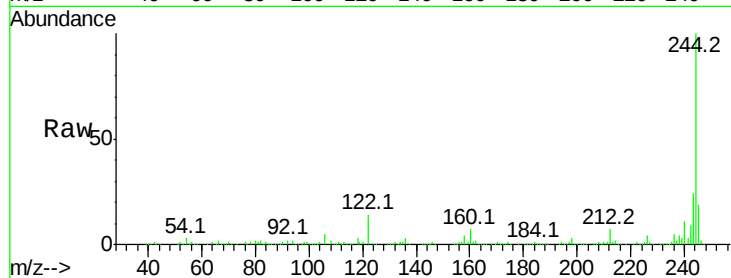




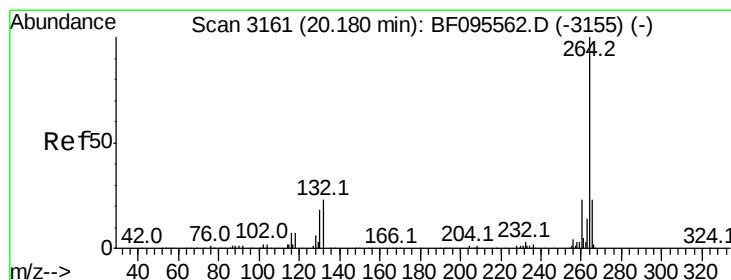
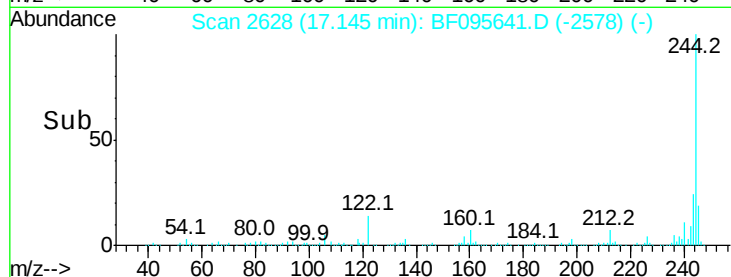
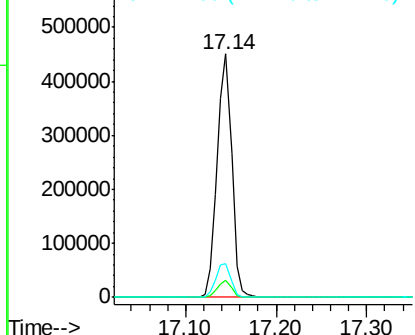
#78
 Terphenyl-d14
 Concen: 55.86 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095641.D
 Acq: 2 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 501622
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.8 10.3 15.5

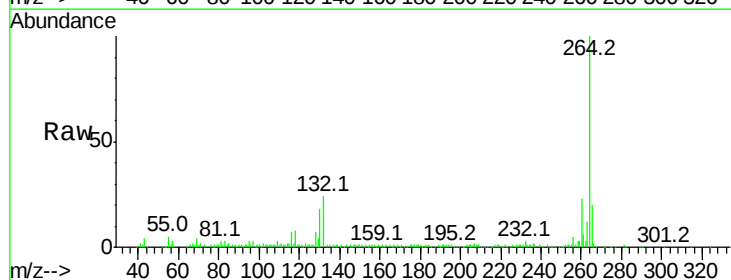


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-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

Tgt Ion:264 Resp: 146823
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.5 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

