

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093886.D
 Acq On : 23 Mar 2017 18:37
 Operator : SJ/MA
 Sample : I2362-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0662

Quant Time: Mar 24 02:32:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

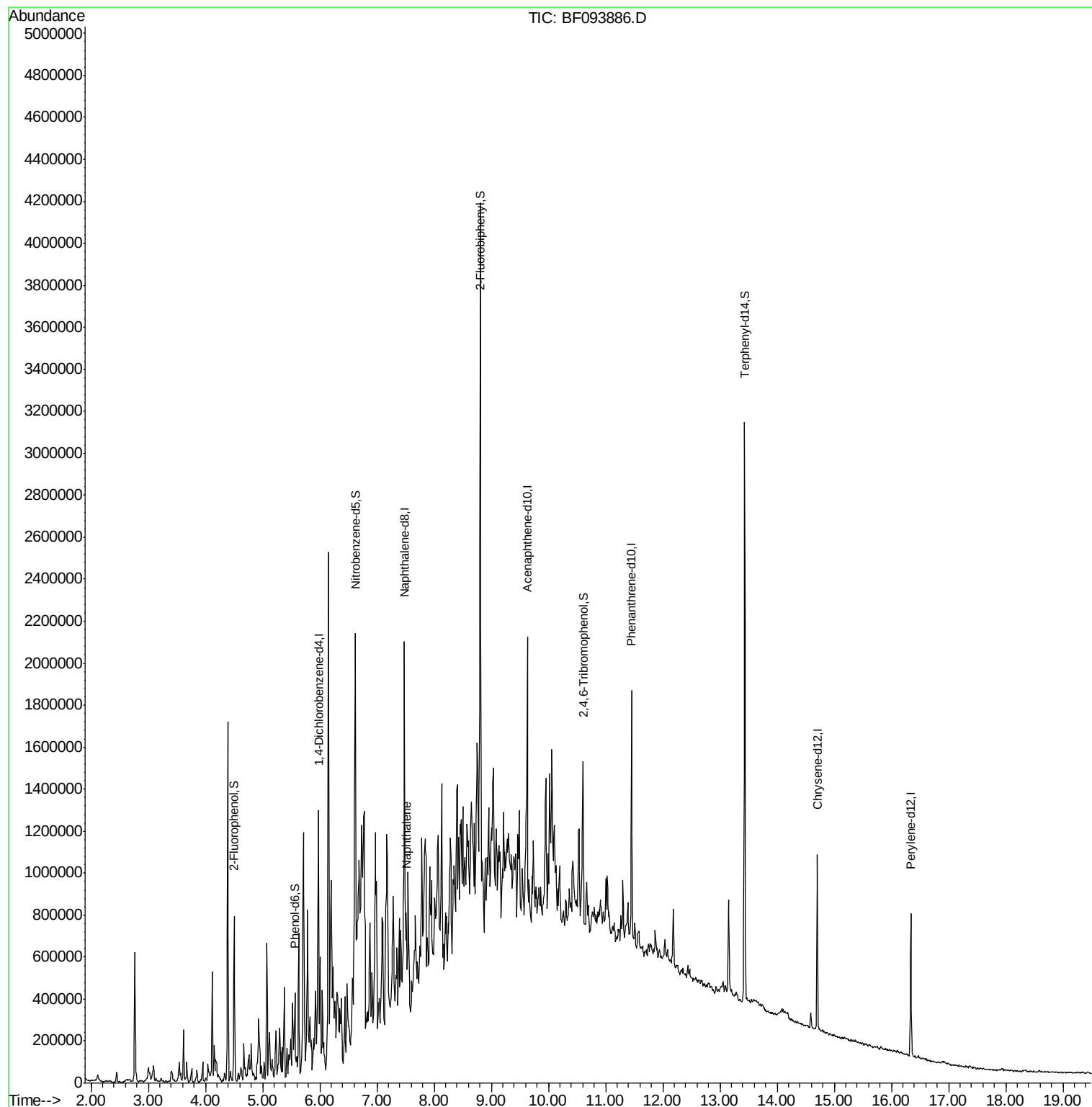
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	161540	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	630206	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	293344	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	493830	20.00	ng	0.00
75) Chrysene-d12	14.70	240	323039	20.00	ng	-0.01
86) Perylene-d12	16.34	264	273015	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	154002	16.10	ng	0.00
7) Phenol-d6	5.56	99	128482	10.86	ng	0.00
23) Nitrobenzene-d5	6.62	82	764105	69.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	109026	47.03	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1331632	69.24	ng	-0.01
78) Terphenyl-d14	13.43	244	1004703	69.71	ng	0.00
Target Compounds						
31) Naphthalene	7.50	128	84744	2.80	ng	Qvalue 96

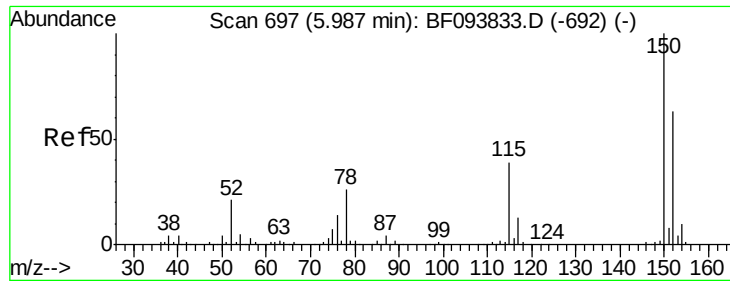
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093886.D
Acq On : 23 Mar 2017 18:37
Operator : SJ/MA
Sample : I2362-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0662

Quant Time: Mar 24 02:32:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

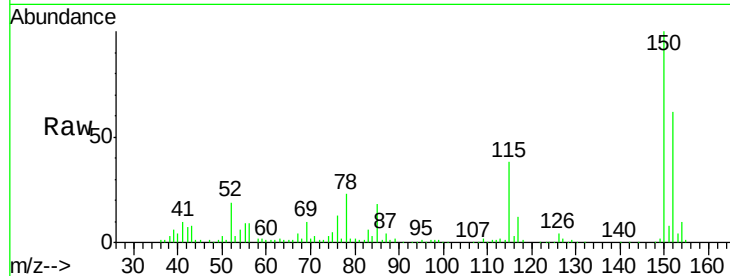




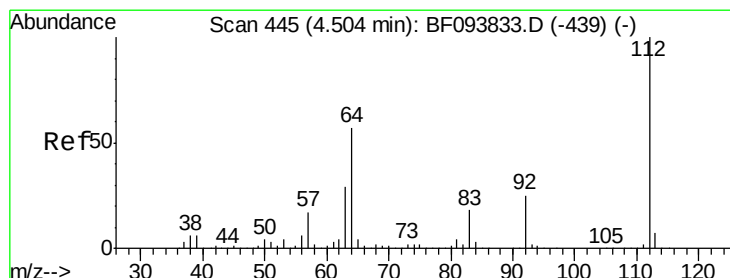
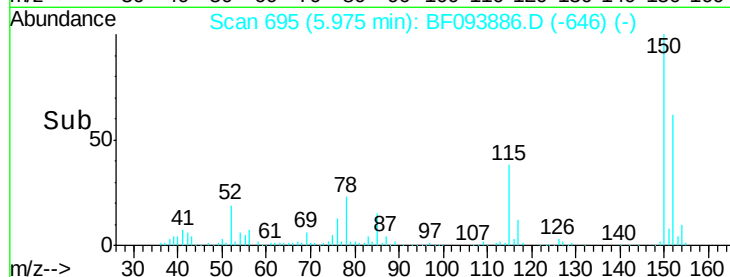
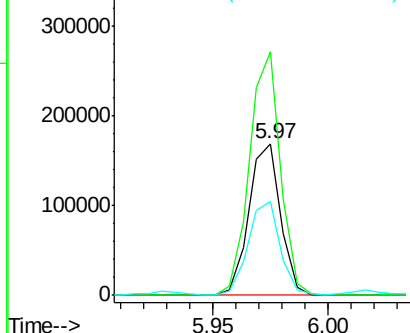
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093886.D
 Acq: 23 Mar 2017 18:37

Instrument :
 BNA_F
 ClientSampleId :
 S8-0662

Tgt Ion:152 Resp: 161540
 Ion Ratio Lower Upper
 152 100
 150 160.7 126.2 189.2
 115 61.7 52.2 78.2

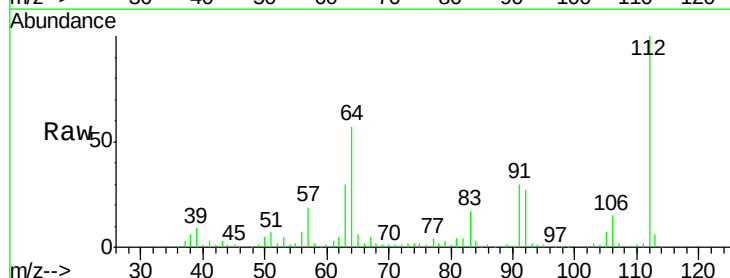


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

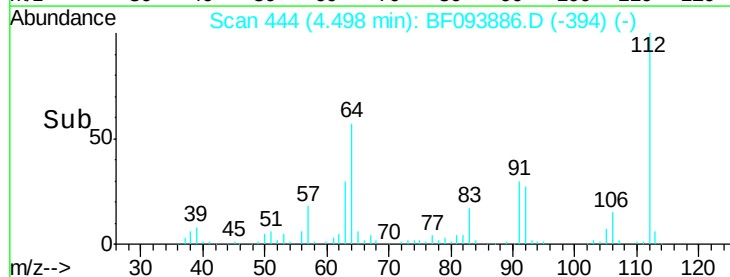
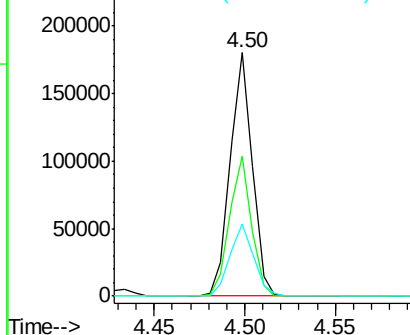


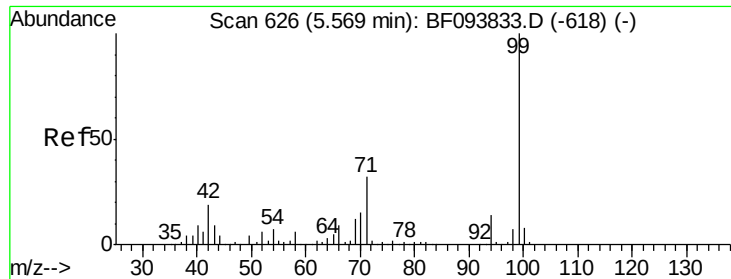
#5
 2-Fluorophenol
 Concen: 16.10 ng
 RT: 4.50 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF093886.D
 Acq: 23 Mar 2017 18:37

Tgt Ion:112 Resp: 154002
 Ion Ratio Lower Upper
 112 100
 64 57.3 46.0 69.0
 63 29.8 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: 10.86 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093886.D

Acq: 23 Mar 2017 18:37

Instrument :

BNA_F

ClientSampleId :

S8-0662

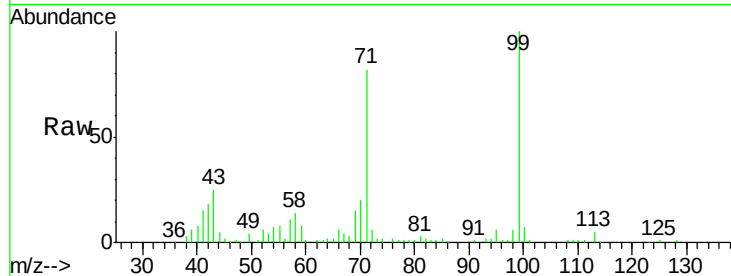
Tgt Ion: 99 Resp: 128482

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

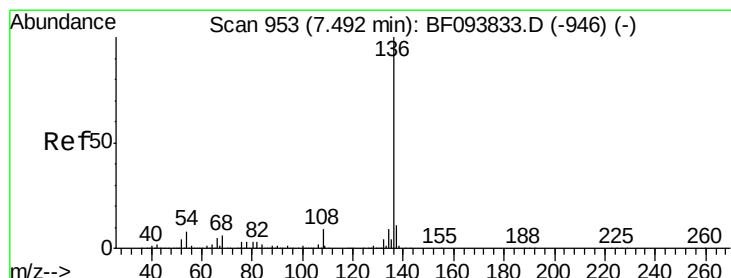
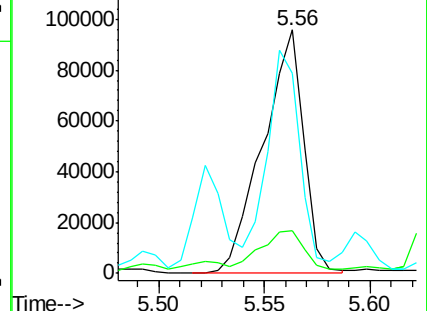
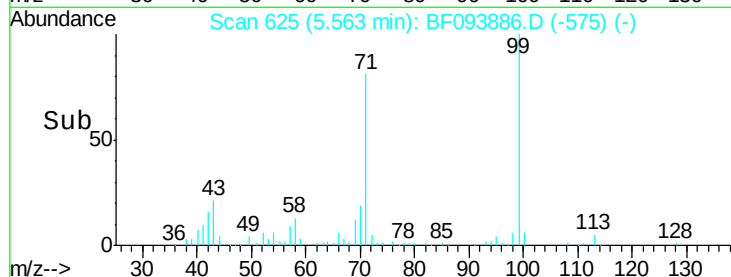
71 82.3 24.5 36.7#



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: 7.48 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093886.D

Acq: 23 Mar 2017 18:37

Tgt Ion: 136 Resp: 630206

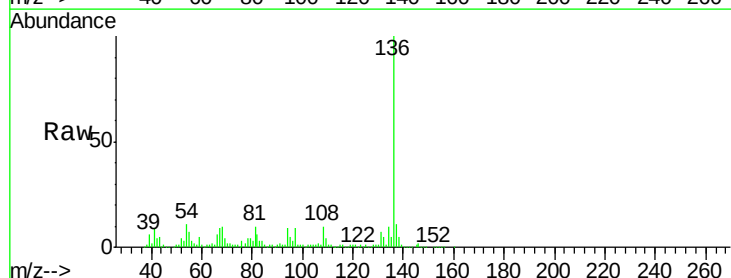
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 11.1 4.9 7.3#

68 10.0 4.1 6.1#

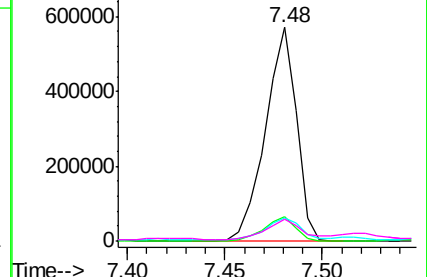
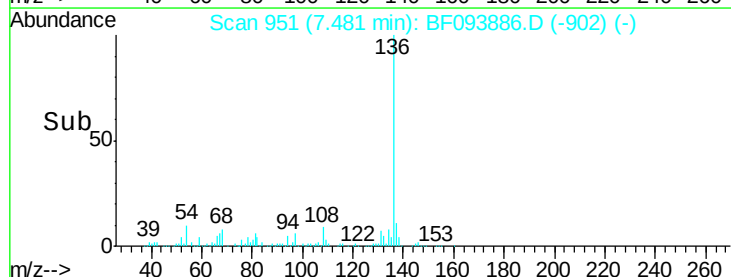


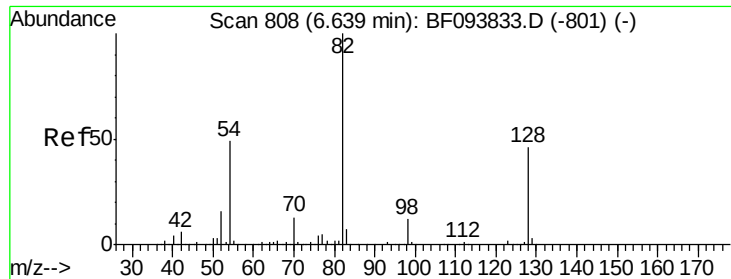
Abundance Ion 136.00 (135.70 to 136.70): E

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

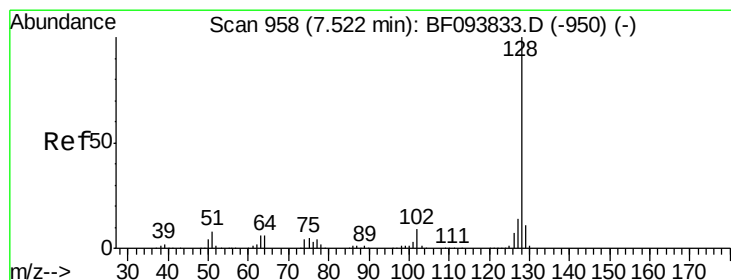
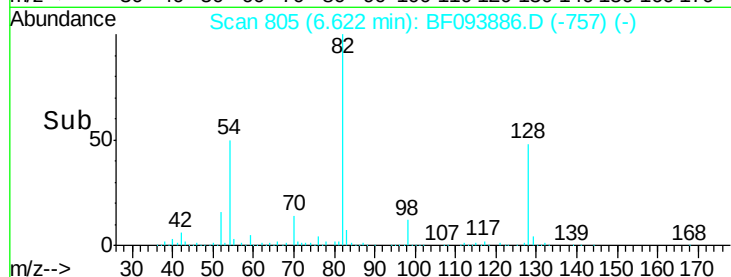
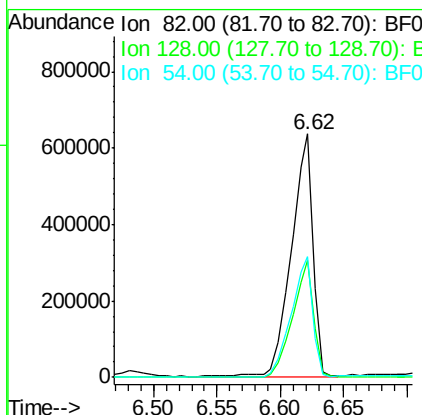
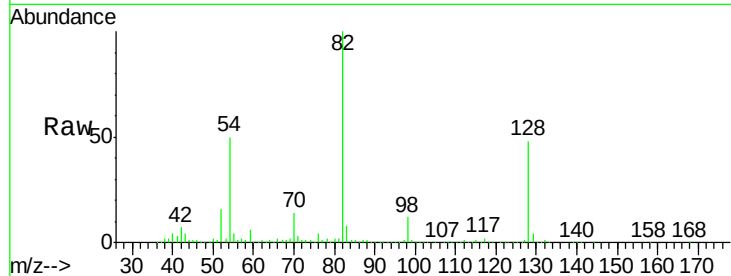




#23
Nitrobenzene-d5
Concen: 69.19 ng
RT: 6.62 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF093886.D
Acq: 23 Mar 2017 18:37

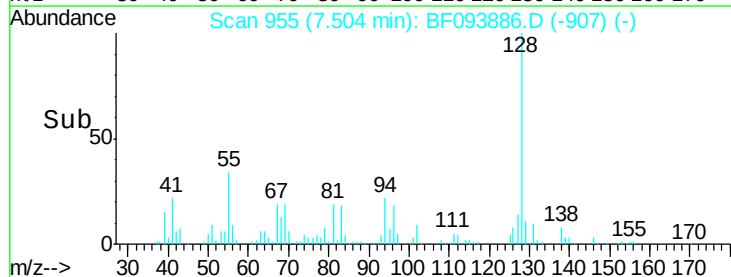
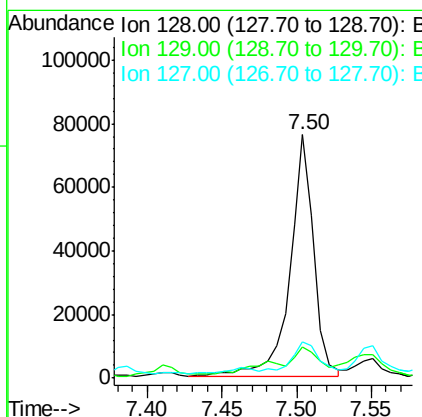
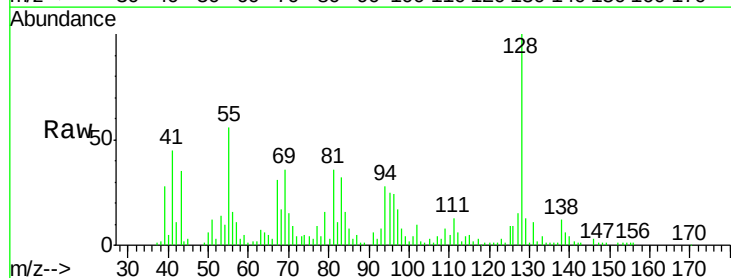
Instrument :
BNA_F
ClientSampleId :
S8-0662

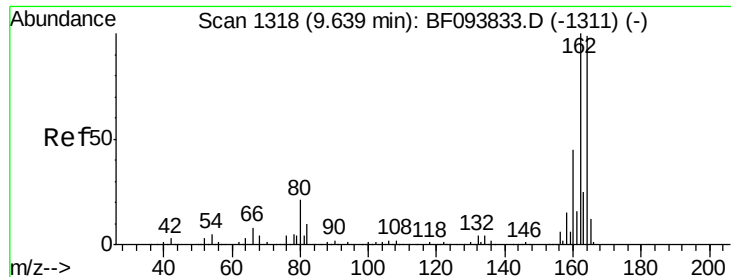
Tgt Ion: 82 Resp: 764105
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 49.6 42.2 63.2



#31
Naphthalene
Concen: 2.80 ng
RT: 7.50 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF093886.D
Acq: 23 Mar 2017 18:37

Tgt Ion: 128 Resp: 84744
Ion Ratio Lower Upper
128 100
129 12.7 9.0 13.6
127 15.1 10.8 16.2

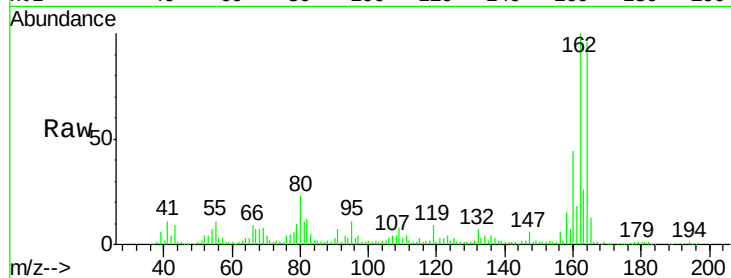




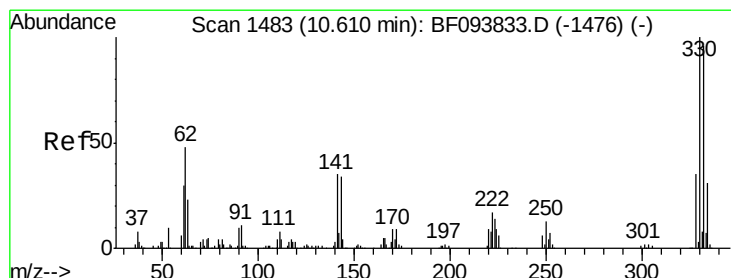
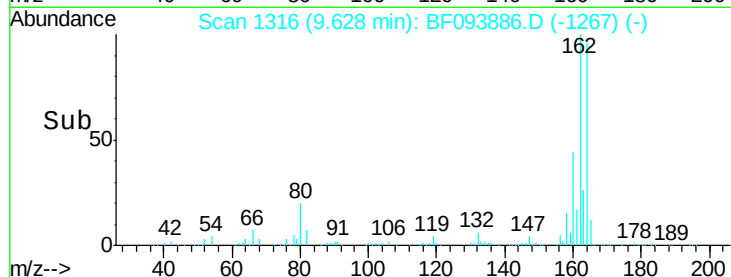
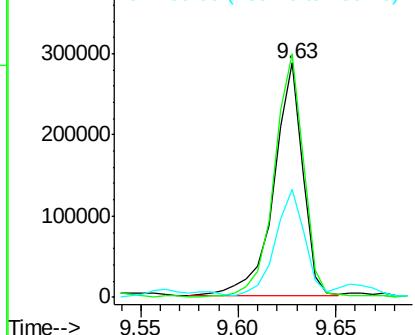
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF093886.D
Acq: 23 Mar 2017 18:37

Instrument :
BNA_F
ClientSampleId :
S8-0662

Tgt Ion:164 Resp: 293344
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 45.9 36.2 54.2

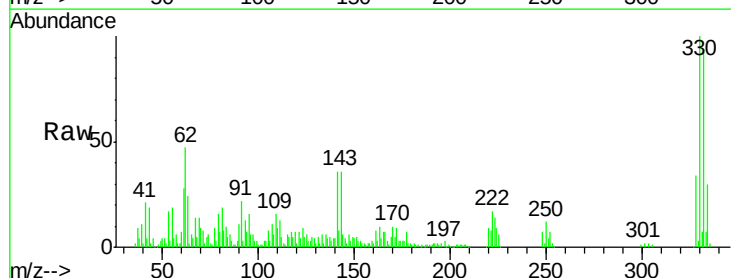


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

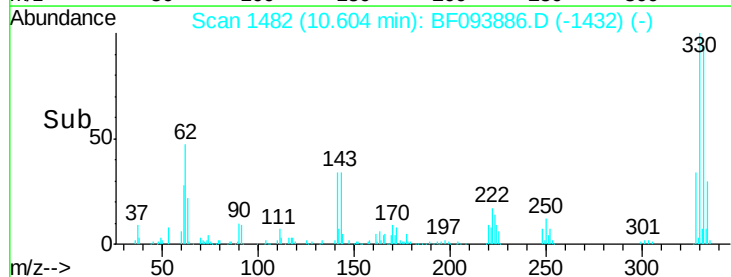
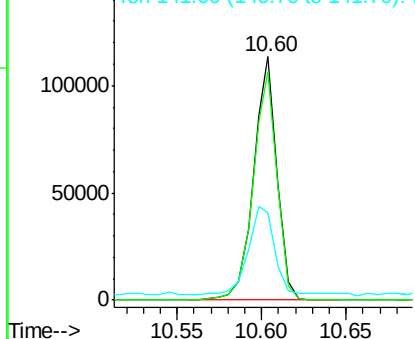


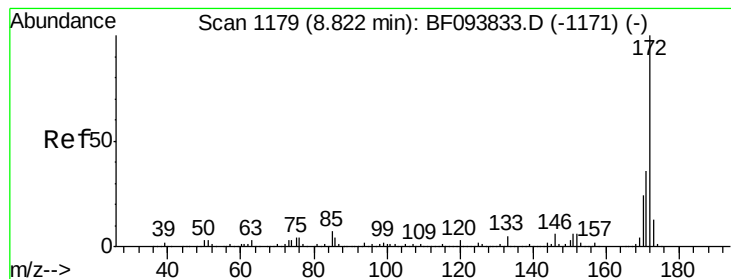
#41
2,4,6-Tribromophenol
Concen: 47.03 ng
RT: 10.60 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF093886.D
Acq: 23 Mar 2017 18:37

Tgt Ion:330 Resp: 109026
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 40.6 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: 69.24 ng

RT: 8.81 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF093886.D

Acq: 23 Mar 2017 18:37

Instrument :

BNA_F

ClientSampleId :

S8-0662

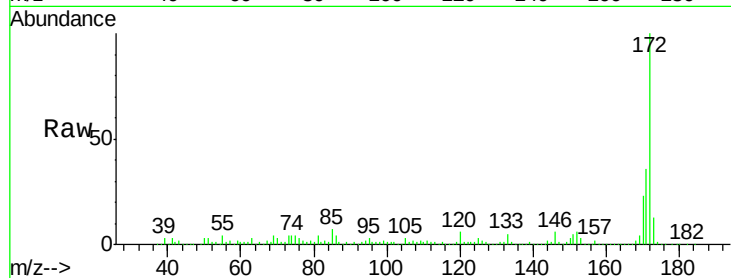
Tgt Ion:172 Resp: 1331632

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

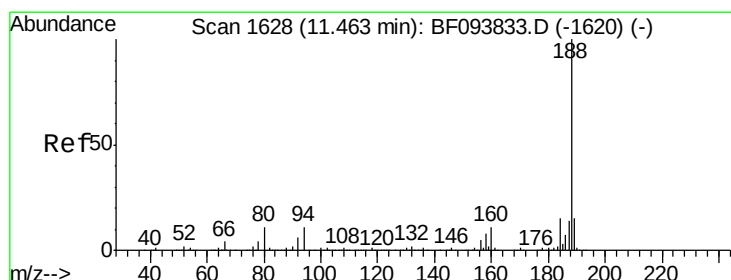
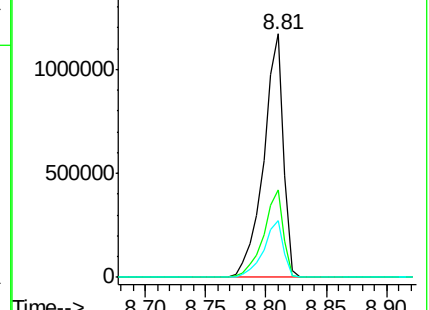
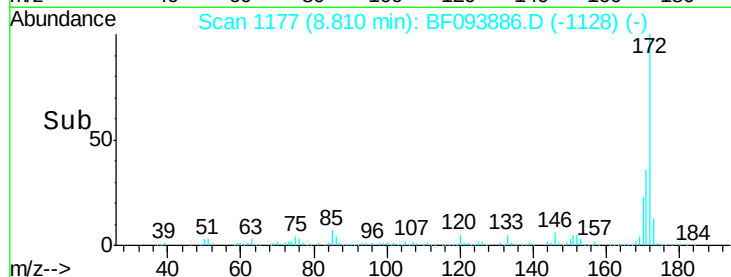
170 23.5 19.8 29.8



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: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093886.D

Acq: 23 Mar 2017 18:37

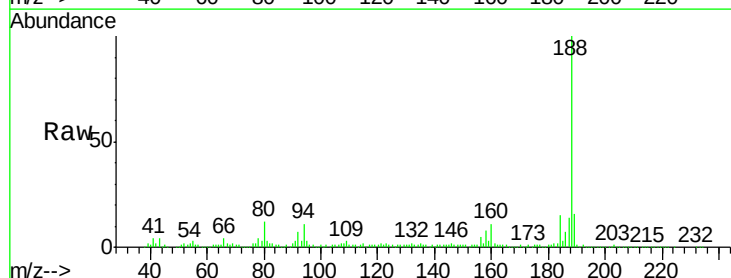
Tgt Ion:188 Resp: 493830

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

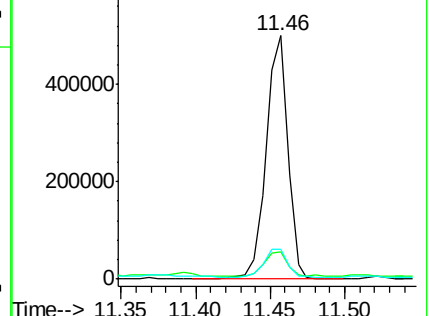
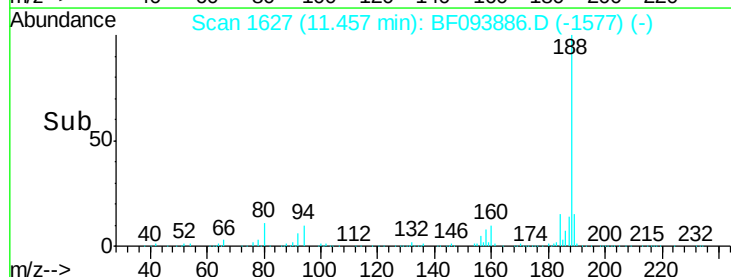
80 12.0 10.2 15.2

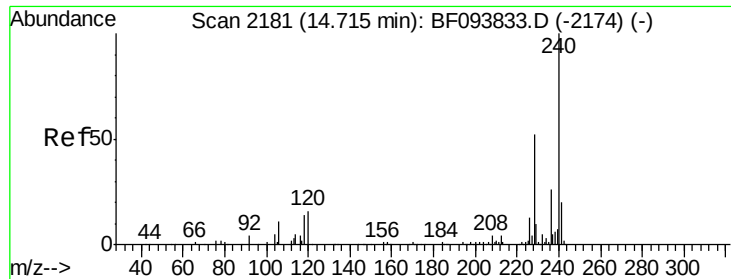


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093886.D

Acq: 23 Mar 2017 18:37

Instrument :

BNA_F

ClientSampleId :

S8-0662

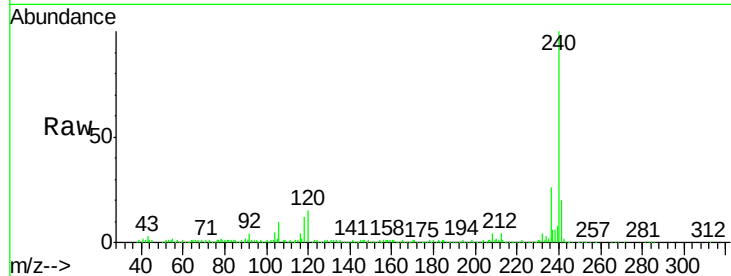
Tgt Ion:240 Resp: 323039

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

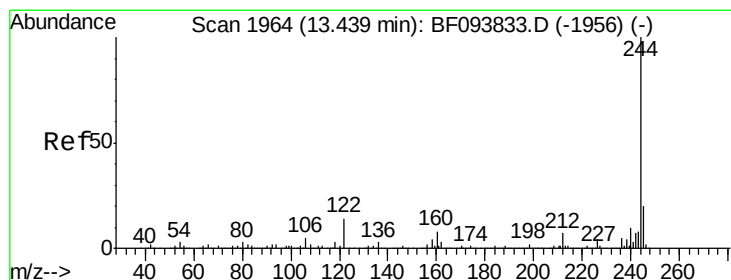
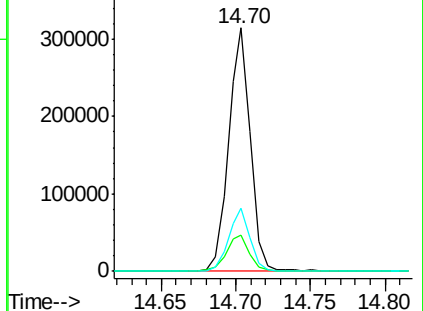
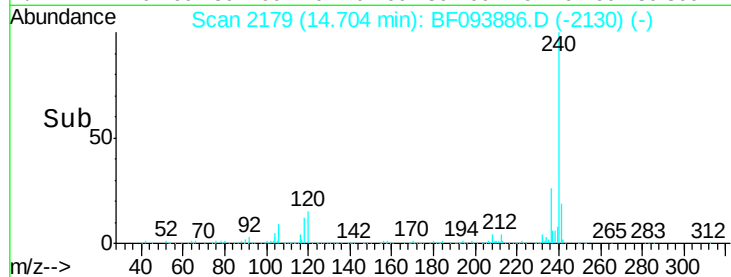
236 25.7 20.5 30.7



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: 69.71 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093886.D

Acq: 23 Mar 2017 18:37

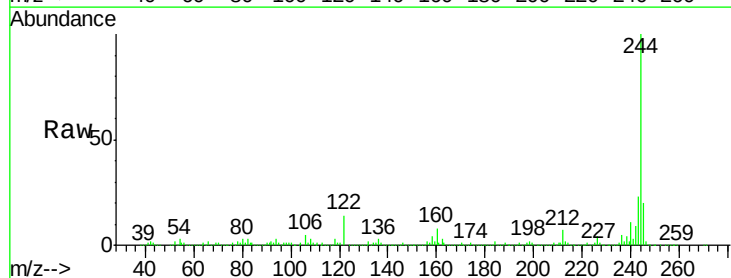
Tgt Ion:244 Resp: 1004703

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

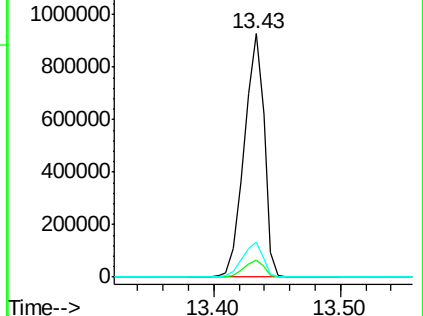
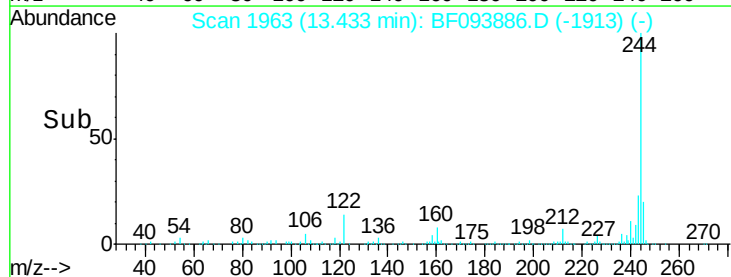
122 14.4 10.3 15.5

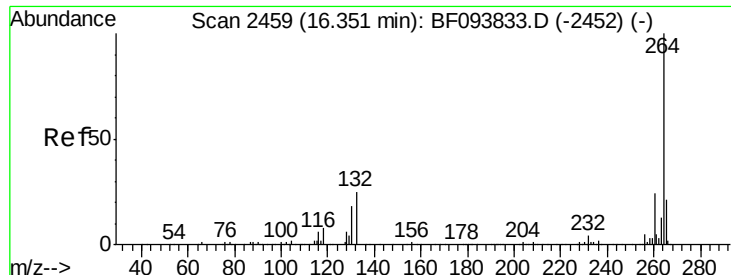


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

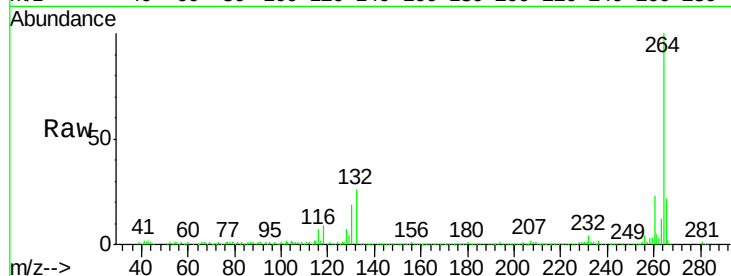




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF093886.D
Acq: 23 Mar 2017 18:37

Instrument :
BNA_F
ClientSampleId :
S8-0662

Tgt Ion: 264 Resp: 273015
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.6 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

