

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095240.D
 Acq On : 19 May 2017 00:45
 Operator : SJ/MA
 Sample : I3189-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: May 19 04:11:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

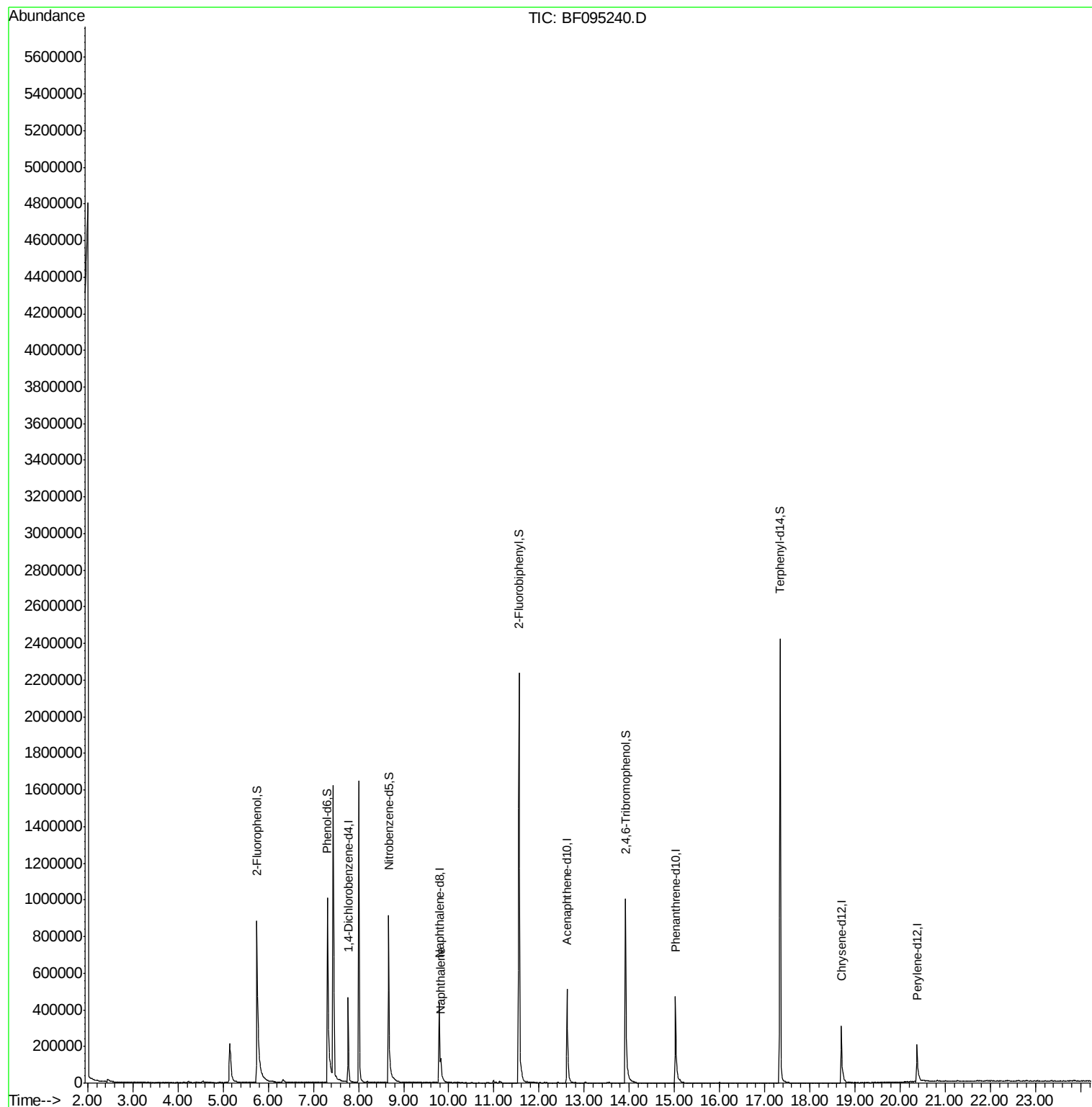
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	100627	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	407478	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	201539	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	356401	20.00	ng	0.00
75) Chrysene-d12	18.69	240	228719	20.00	ng	0.00
86) Perylene-d12	20.38	264	149397	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	689973	114.32	ng	0.01
7) Phenol-d6	7.31	99	804474	111.09	ng	0.00
23) Nitrobenzene-d5	8.67	82	555975	86.04	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	228459	138.41	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1215767	86.83	ng	0.00
78) Terphenyl-d14	17.34	244	1077651	103.78	ng	0.00
Target Compounds						
31) Naphthalene	9.82	128	79198	3.87	ng	Qvalue 97

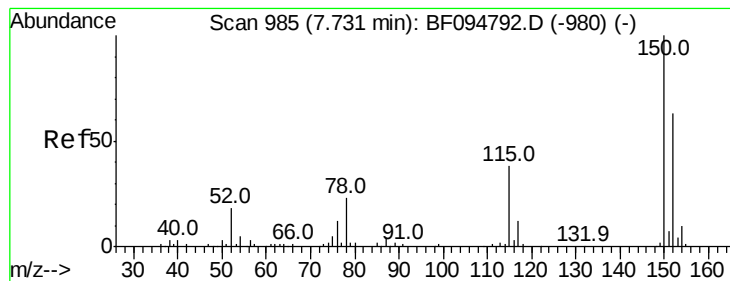
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095240.D
Acq On : 19 May 2017 00:45
Operator : SJ/MA
Sample : I3189-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15

Quant Time: May 19 04:11:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



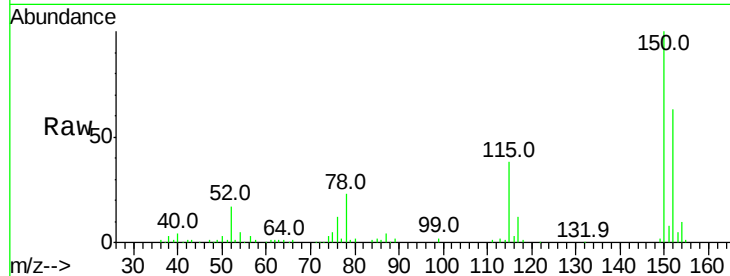


#1

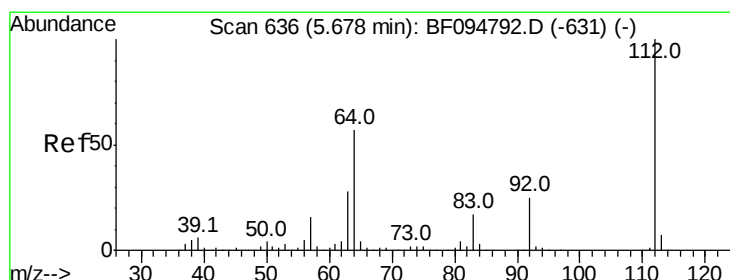
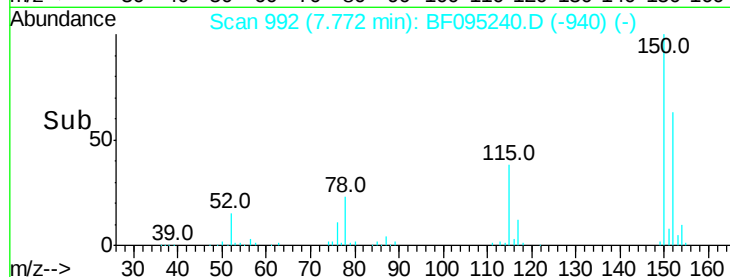
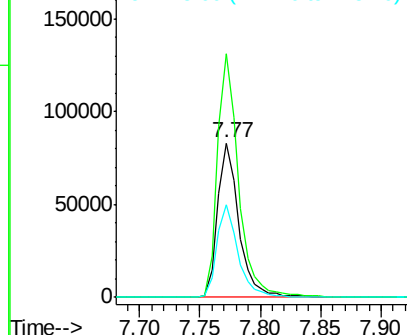
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095240.D
Acq: 19 May 2017 00:45

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion:152 Resp: 100627
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 59.6 52.2 78.2



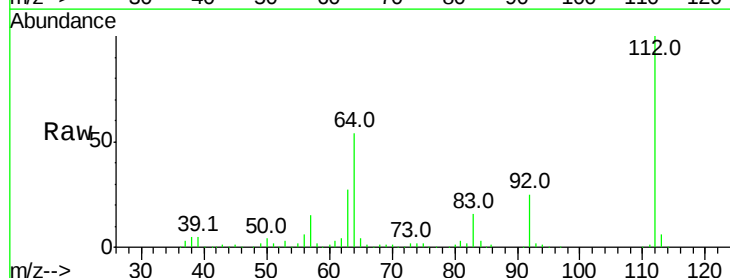
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



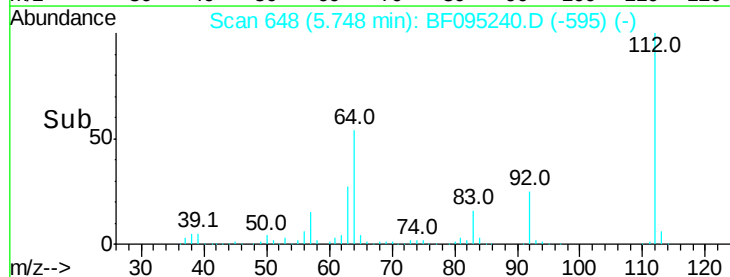
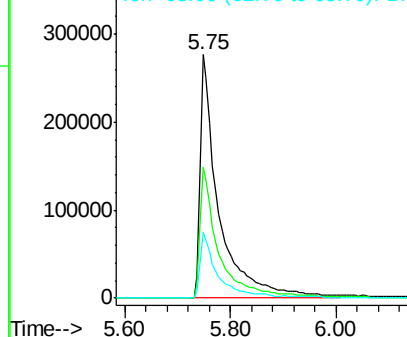
#5

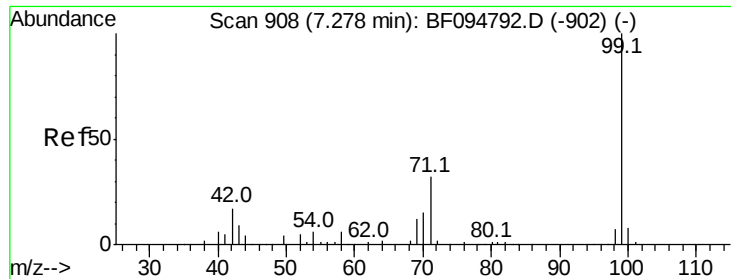
2-Fluorophenol
Concen: 114.32 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095240.D
Acq: 19 May 2017 00:45

Tgt Ion:112 Resp: 689973
Ion Ratio Lower Upper
112 100
64 54.1 46.0 69.0
63 27.2 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: 111.09 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Instrument :

BNA_F

ClientSampled :

TP-15

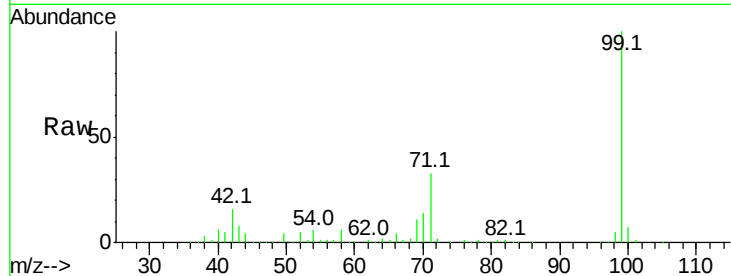
Tot Ion: 99 Resp: 804474

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

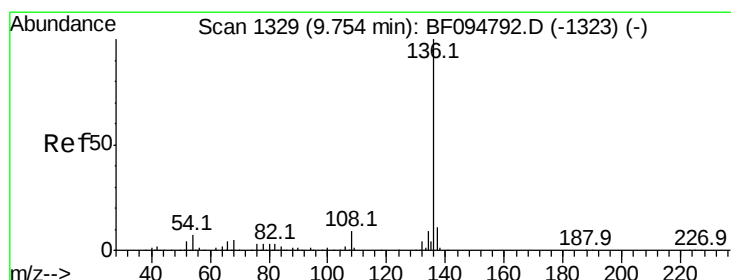
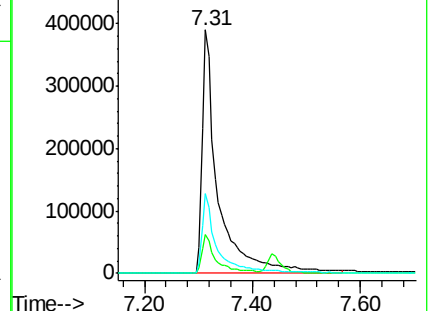
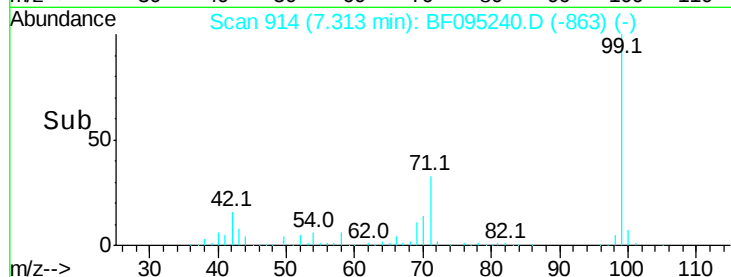
71 32.6 24.5 36.7



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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Tgt Ion: 136 Resp: 407478

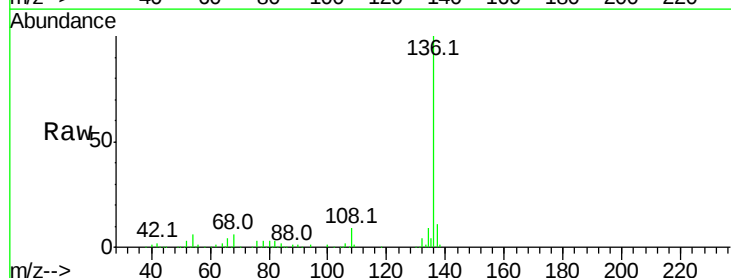
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 4.9 7.3

68 5.5 4.1 6.1

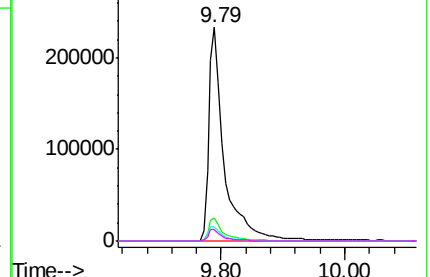
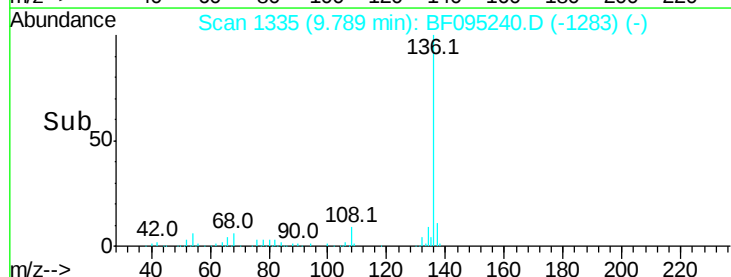


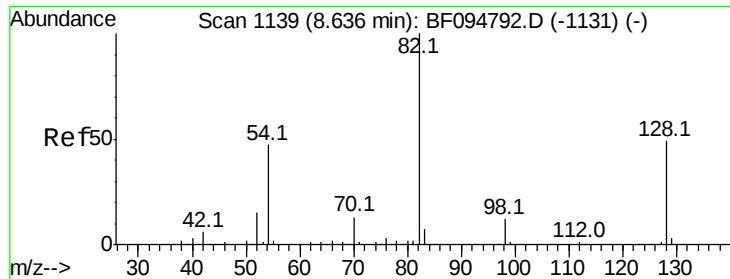
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.04 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Instrument :

BNA_F

ClientSampleId :

TP-15

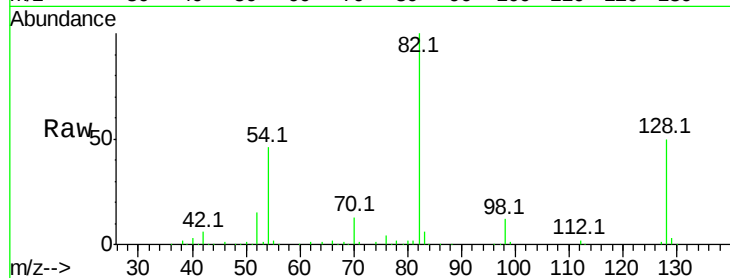
Tot Ion: 82 Resp: 555975

Ion Ratio Lower Upper

82 100

128 49.6 34.0 51.0

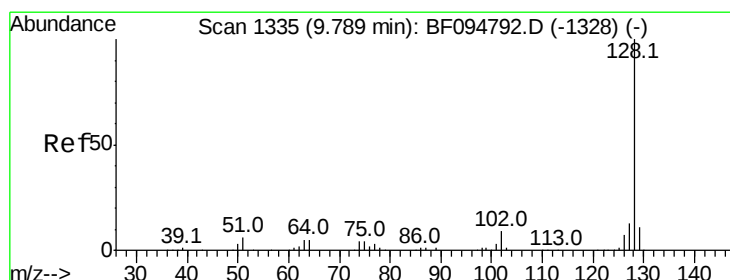
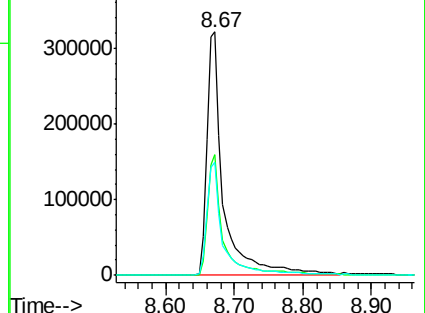
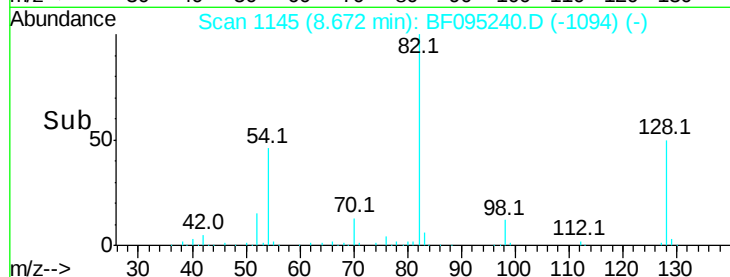
54 46.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 3.87 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

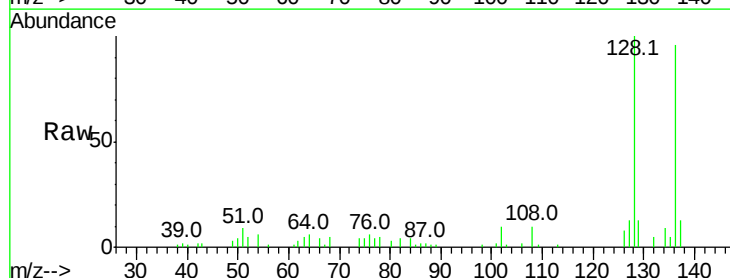
Tgt Ion: 128 Resp: 79198

Ion Ratio Lower Upper

128 100

129 13.2 9.0 13.6

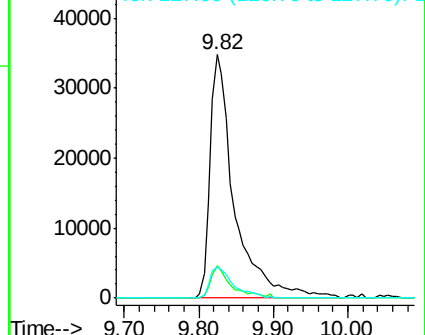
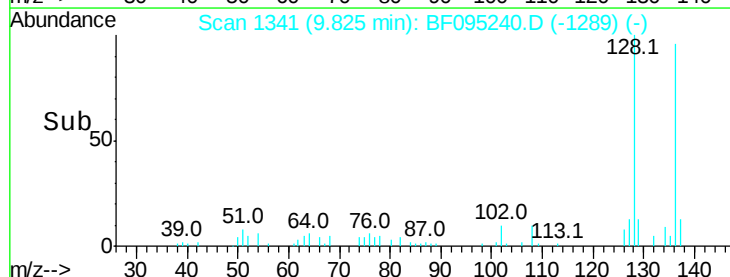
127 12.7 10.8 16.2

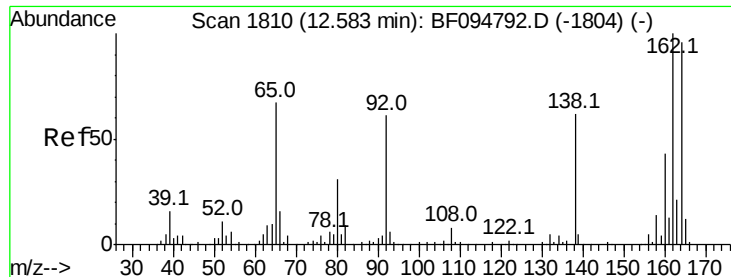


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Instrument :

BNA_F

ClientSampleId :

TP-15

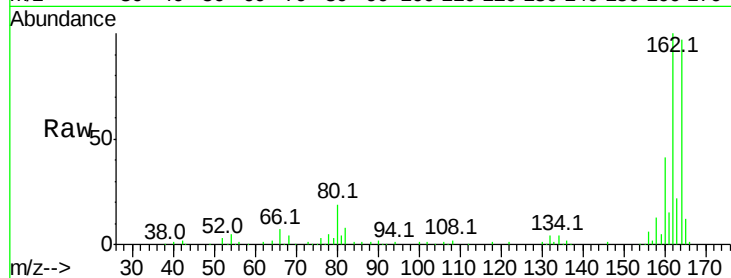
Tot Ion:164 Resp: 201539

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

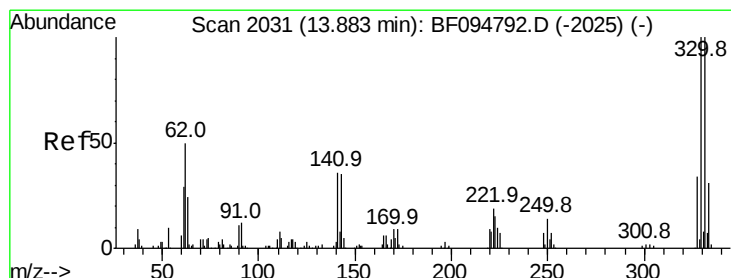
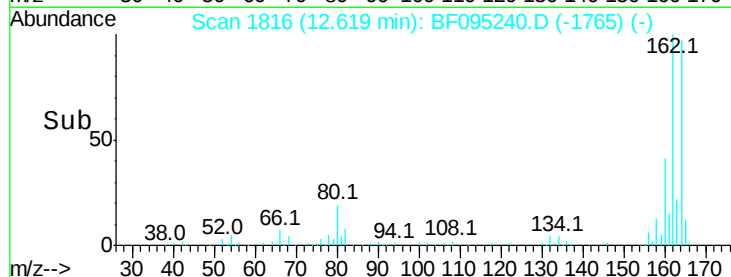
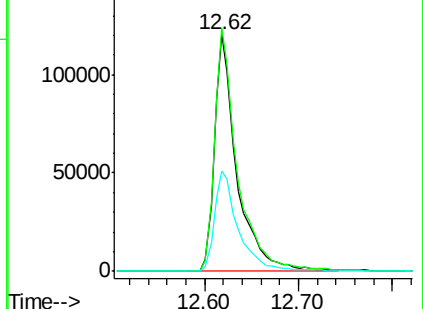
160 42.1 36.2 54.2



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: 138.41 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

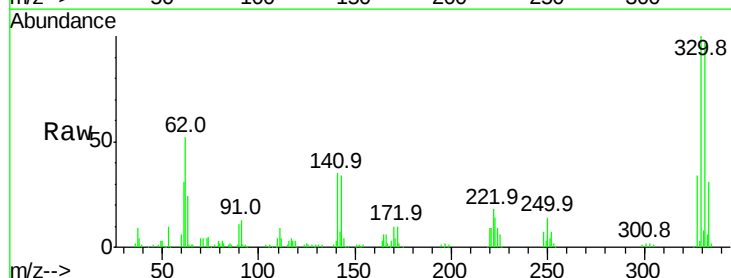
Tgt Ion:330 Resp: 228459

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

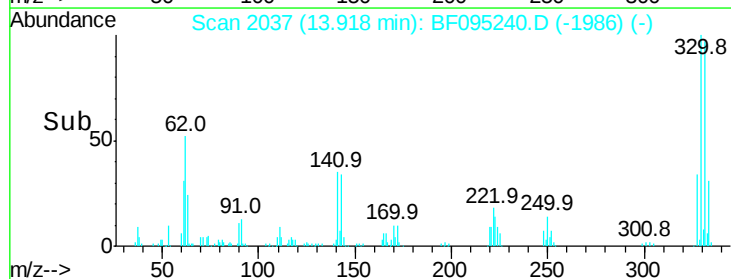
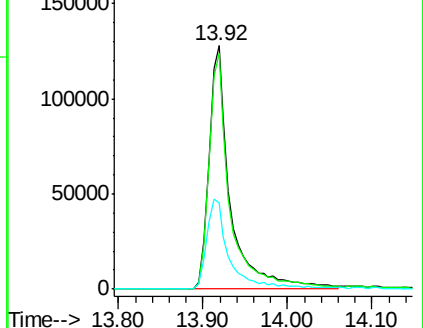
141 39.4 31.4 47.2

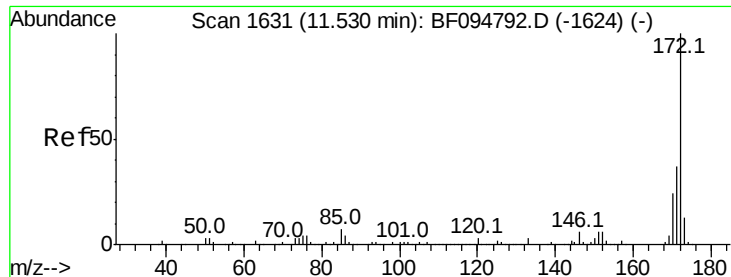


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

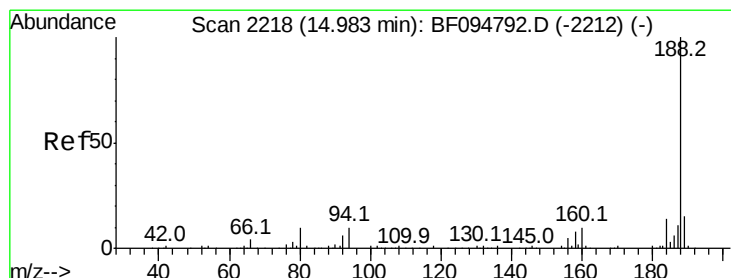
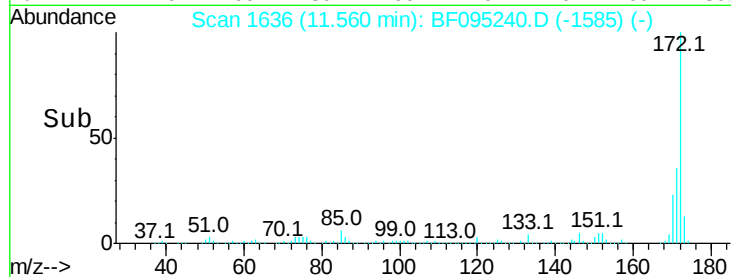
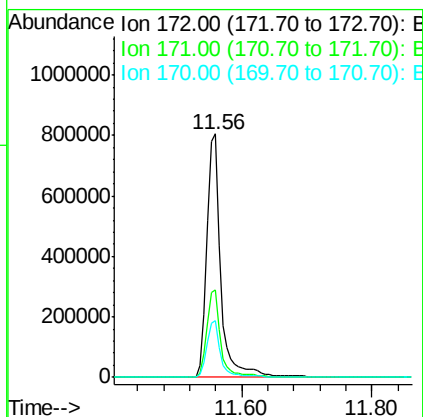
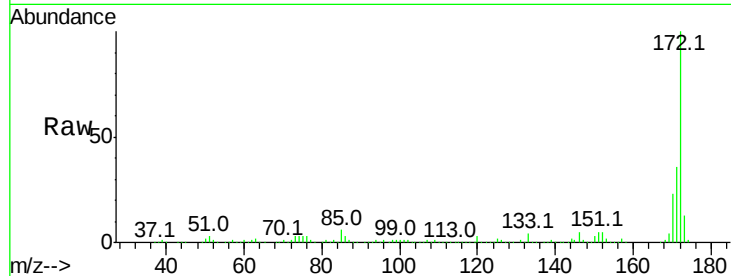




#44
 2-Fluorobiphenyl
 Concen: 86.83 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095240.D
 Acq: 19 May 2017 00:45

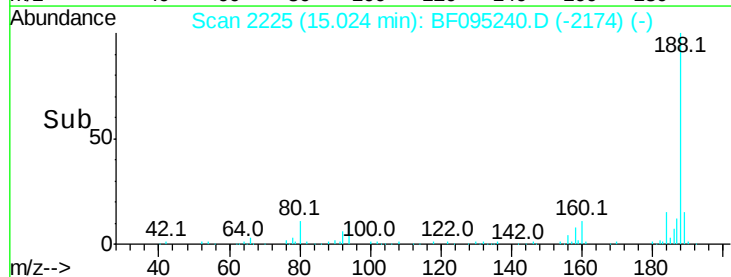
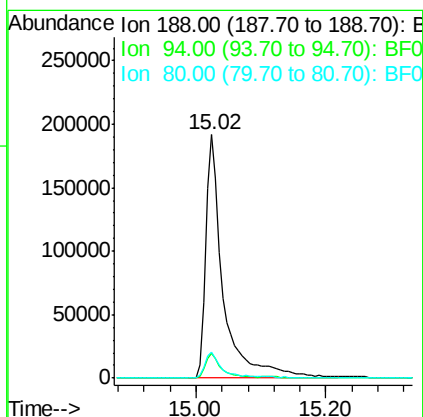
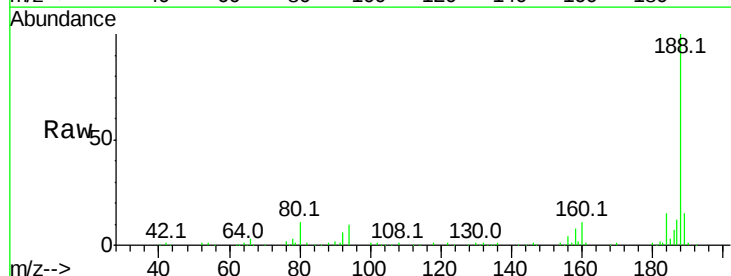
Instrument :
 BNA_F
 ClientSampled :
 TP-15

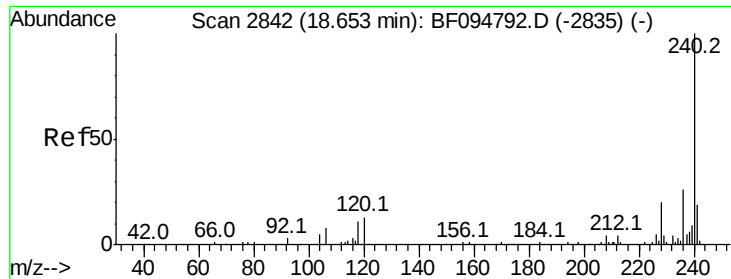
Tot Ion:172 Resp: 1215767
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.3 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095240.D
 Acq: 19 May 2017 00:45

Tgt Ion:188 Resp: 356401
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

Instrument :

BNA_F

ClientSampleId :

TP-15

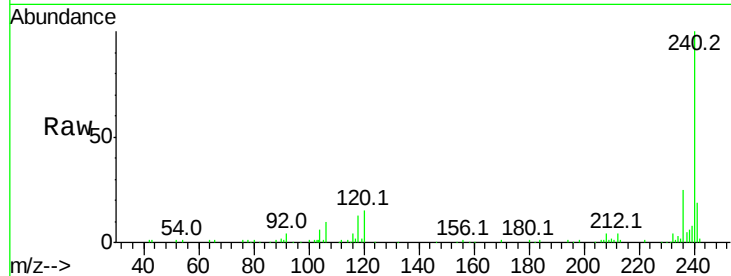
Tot Ion:240 Resp: 228719

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

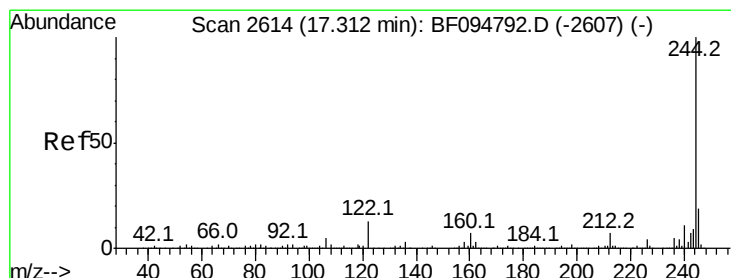
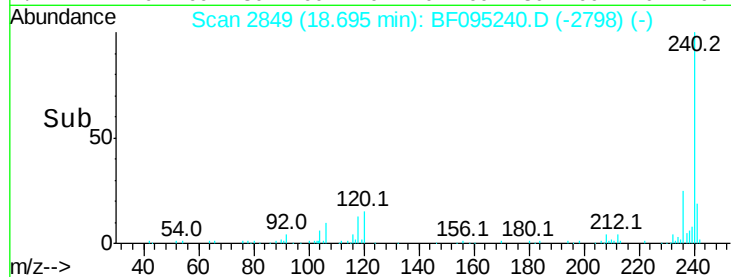
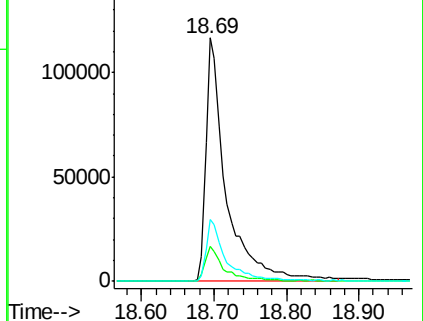
236 25.3 20.5 30.7



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: 103.78 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095240.D

Acq: 19 May 2017 00:45

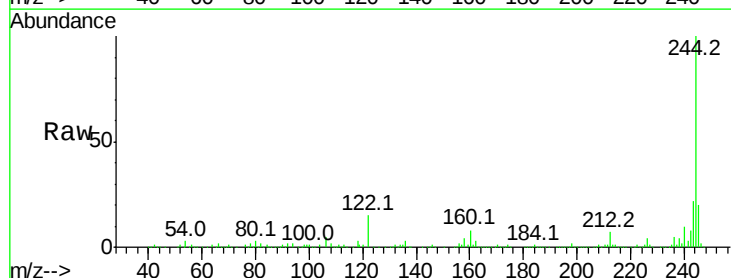
Tgt Ion:244 Resp: 1077651

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

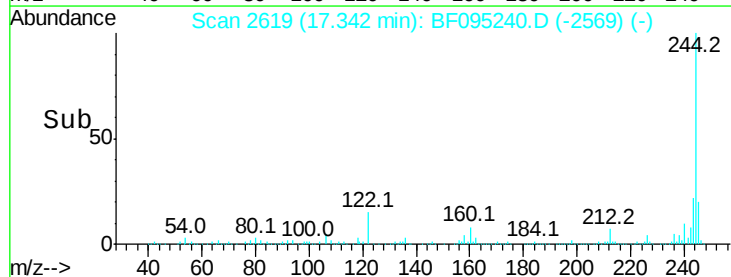
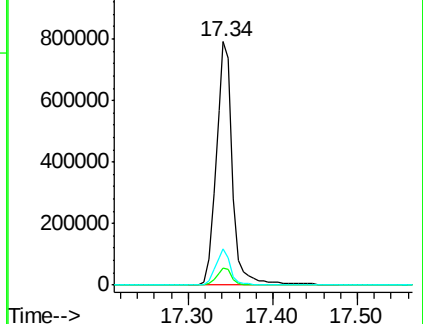
122 14.7 10.3 15.5

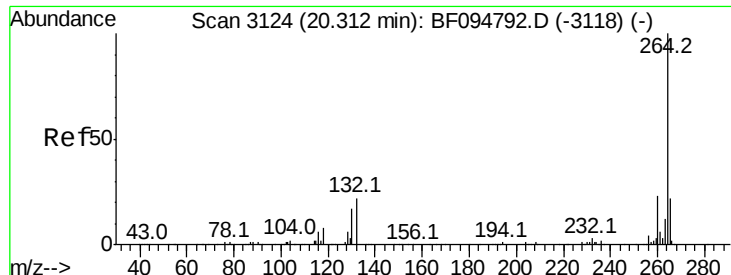


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

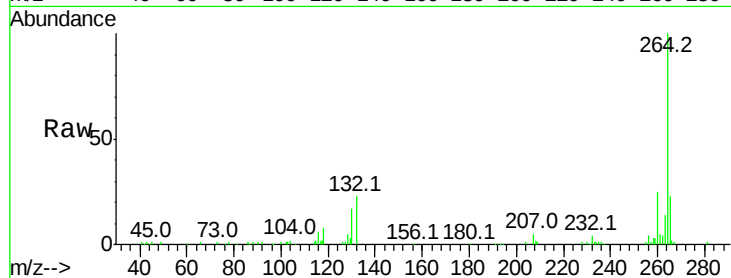




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BF095240.D
Acq: 19 May 2017 00:45

Instrument :
BNA_F
ClientSampleId :
TP-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	23.2	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

