

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095399.D
 Acq On : 24 May 2017 20:35
 Operator : SJ/MA
 Sample : I3221-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EX-02

Quant Time: May 25 04:44:30 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

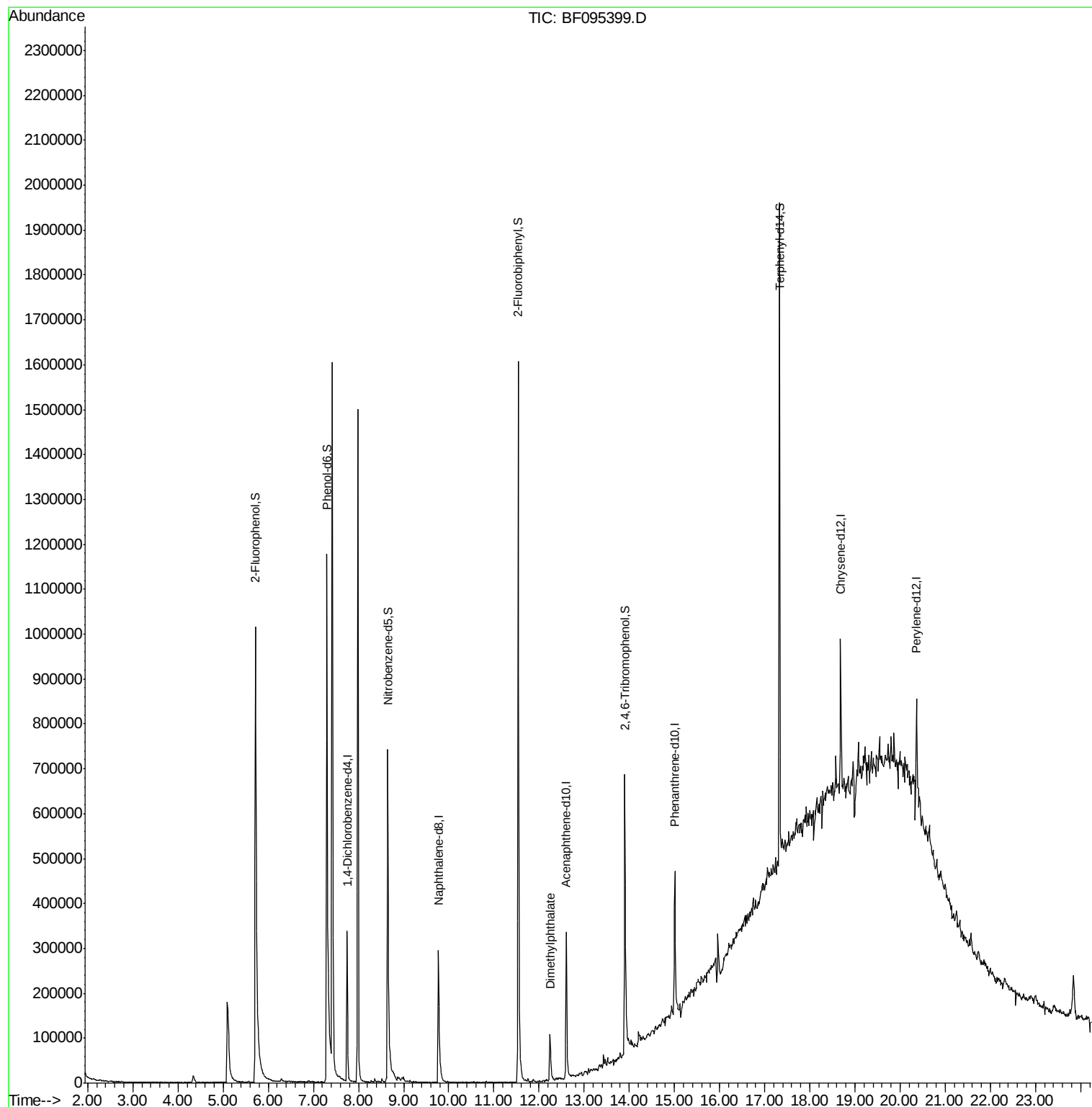
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	78762	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	302060	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	112652	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	184316	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	160041	20.00	ng	-0.01
86) Perylene-d12	20.36	264	104440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	761722	161.24	ng	-0.02
7) Phenol-d6	7.30	99	914517	161.34	ng	-0.02
23) Nitrobenzene-d5	8.65	82	484115	101.06	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	135138	146.48	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	866275	110.68	ng	-0.02
78) Terphenyl-d14	17.33	244	617629	85.00	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.24	163	97475	10.54	ng	Qvalue 100

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

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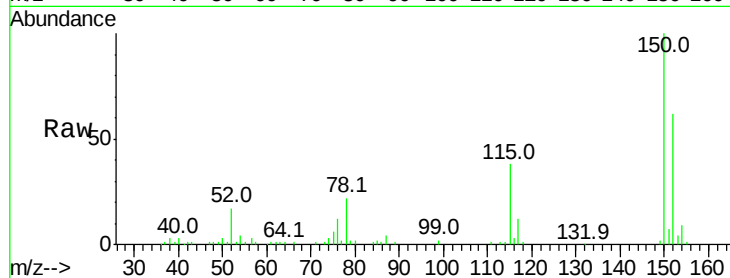


#1

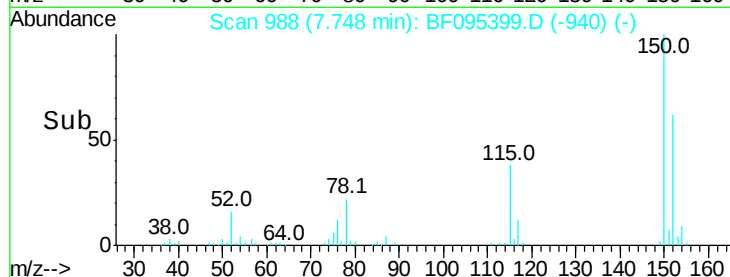
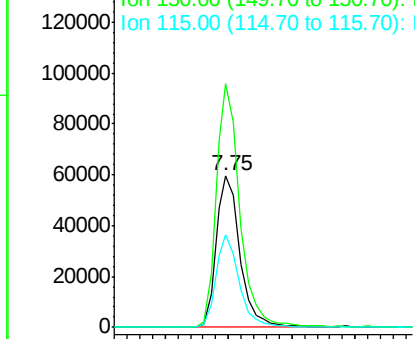
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095399.D
Acq: 24 May 2017 20:35

Instrument :
BNA_F
ClientSampleId :
EX-02

Tot Ion:152 Resp: 78762
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 60.8 52.2 78.2



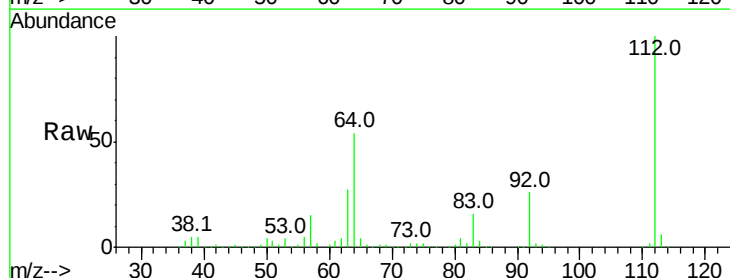
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



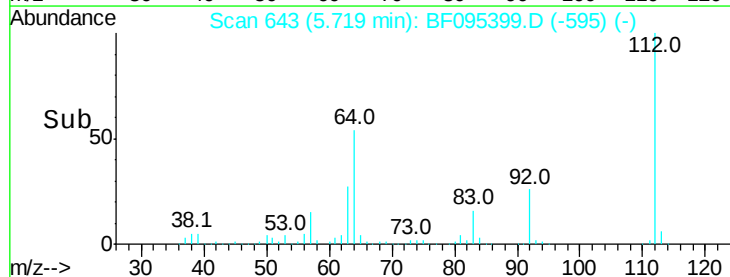
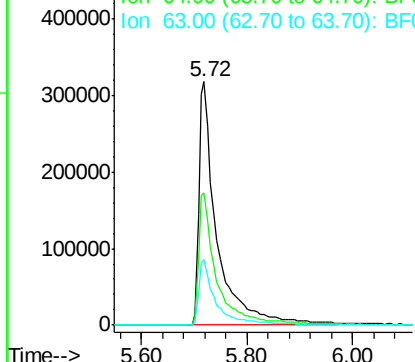
#5

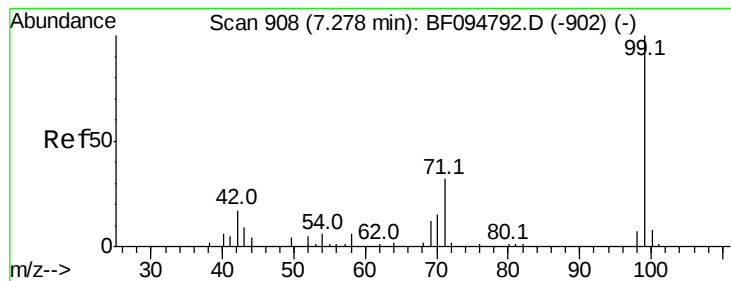
2-Fluorophenol
Concen: 161.24 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095399.D
Acq: 24 May 2017 20:35

Tgt Ion:112 Resp: 761722
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 26.7 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: 161.34 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

EX-02

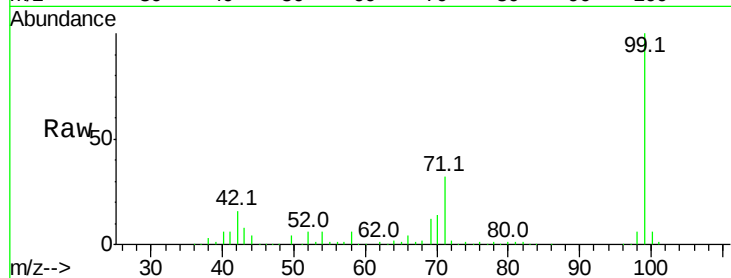
Tot Ion: 99 Resp: 914517

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

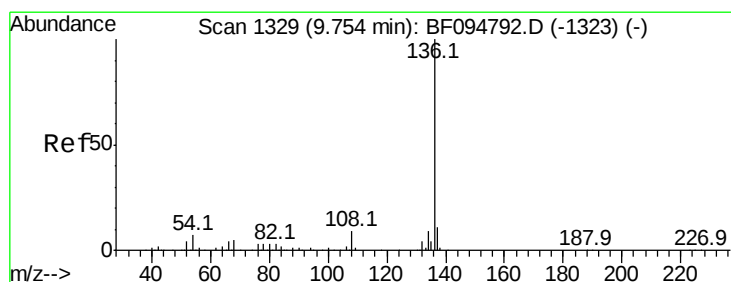
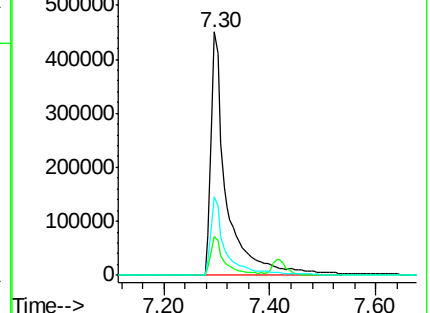
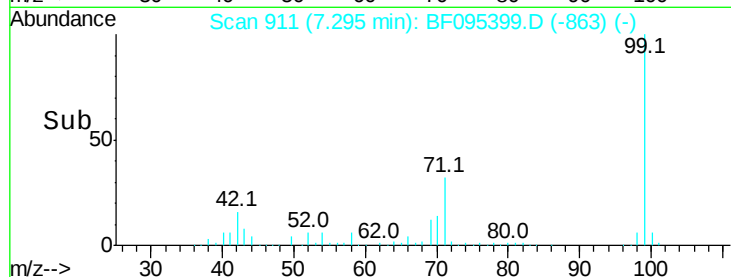
71 32.5 24.5 36.7



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: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Tgt Ion: 136 Resp: 302060

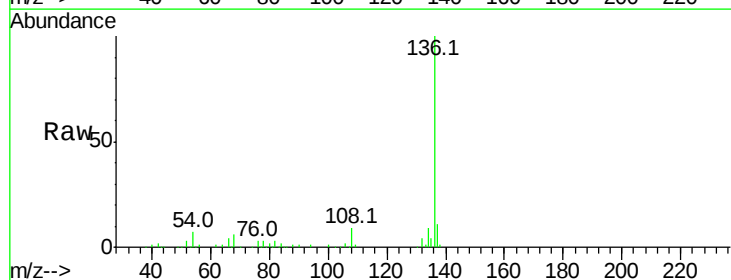
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 5.9 4.1 6.1

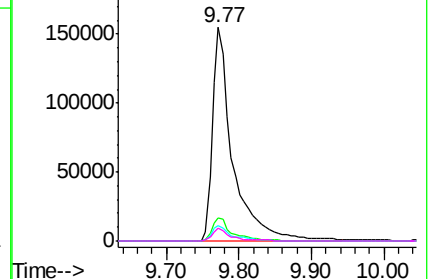
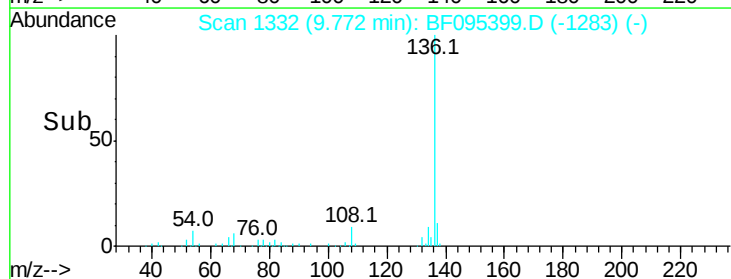


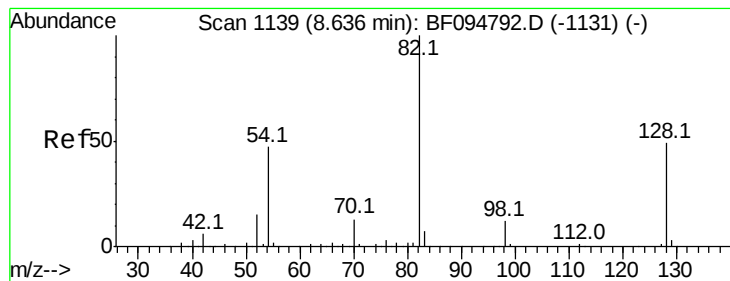
Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.06 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

EX-02

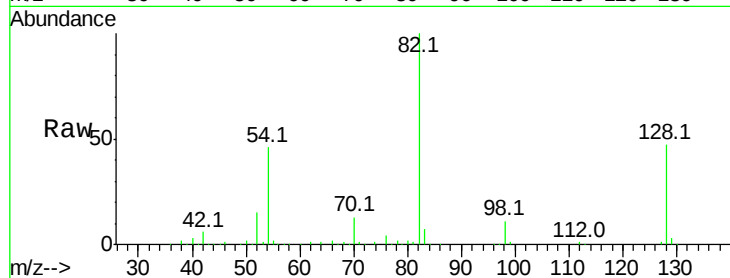
Tot Ion: 82 Resp: 484115

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

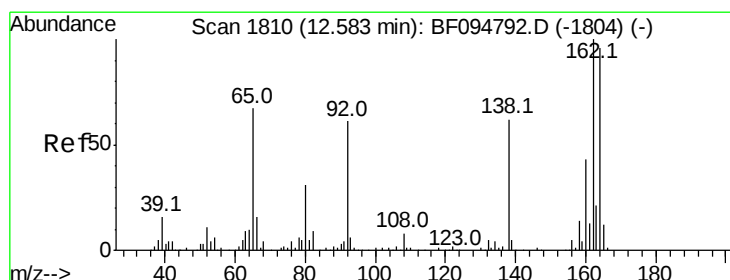
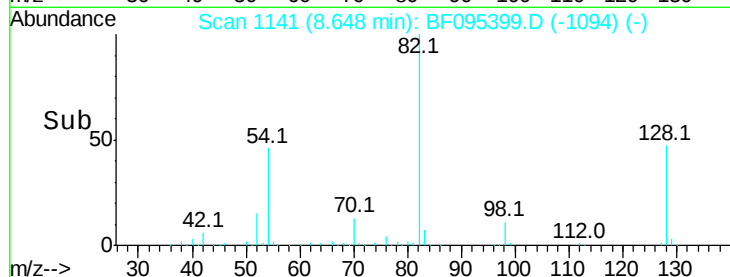
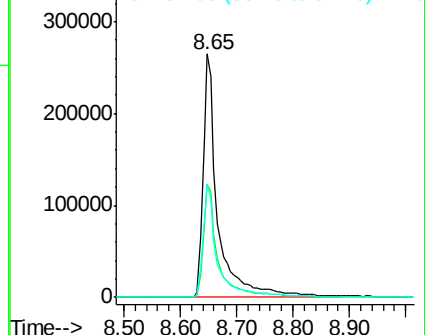
54 46.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

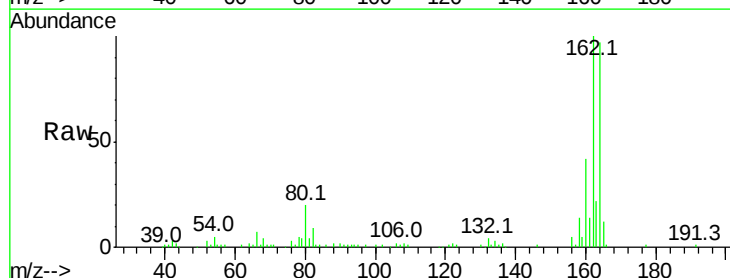
Tgt Ion:164 Resp: 112652

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

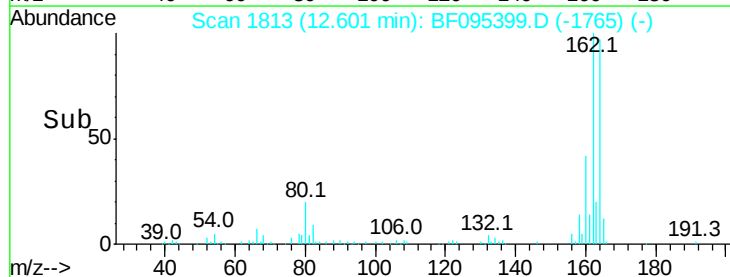
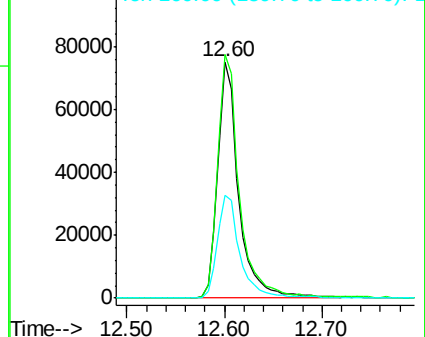
160 43.6 36.2 54.2



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

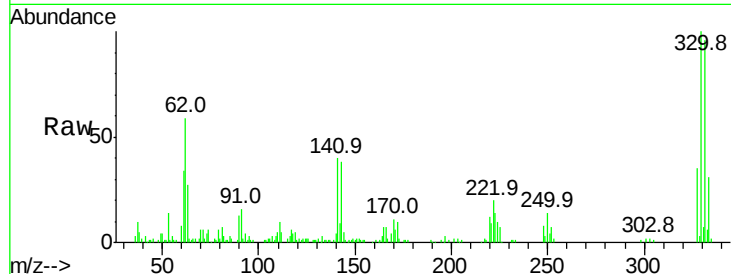




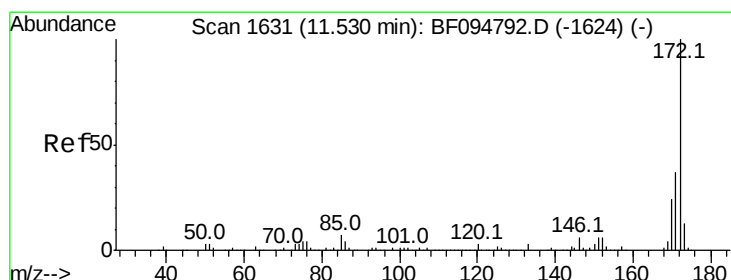
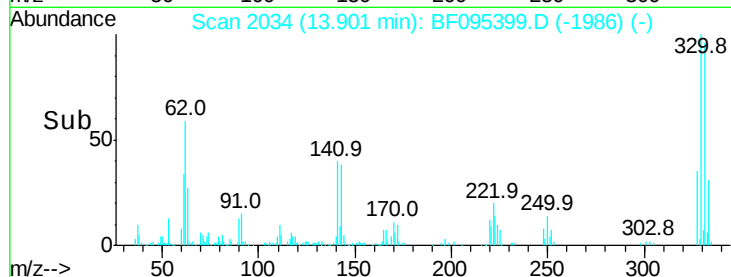
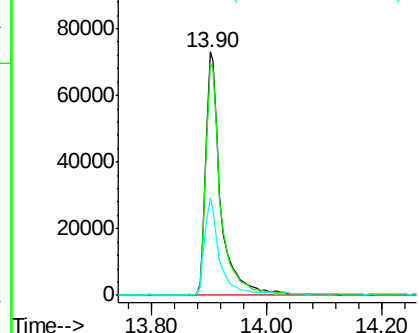
#41
 2,4,6-Tribromophenol
 Concen: 146.48 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095399.D
 Acq: 24 May 2017 20:35

Instrument :
 BNA_F
 ClientSampleID :
 EX-02

Tot Ion:330 Resp: 135138
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 40.6 31.4 47.2

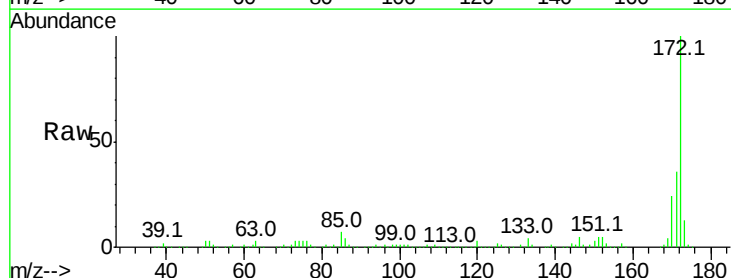


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

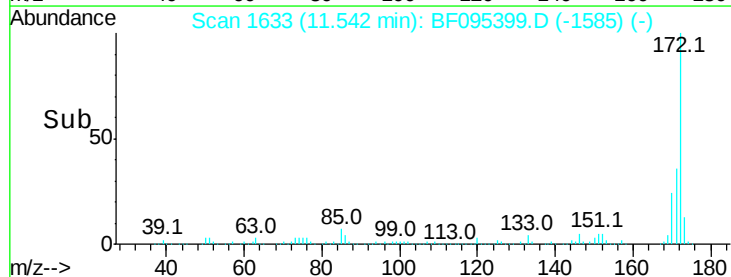
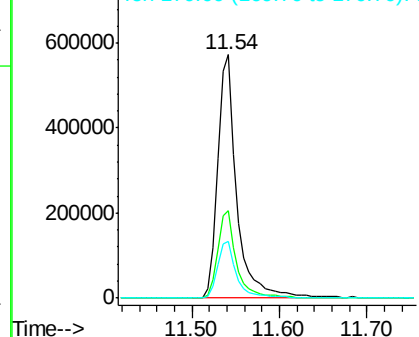


#44
 2-Fluorobiphenyl
 Concen: 110.68 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095399.D
 Acq: 24 May 2017 20:35

Tgt Ion:172 Resp: 866275
 Ion Ratio Lower Upper
 172 100
 171 35.8 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





#49

Dimethylphthalate

Concen: 10.54 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

EX-02

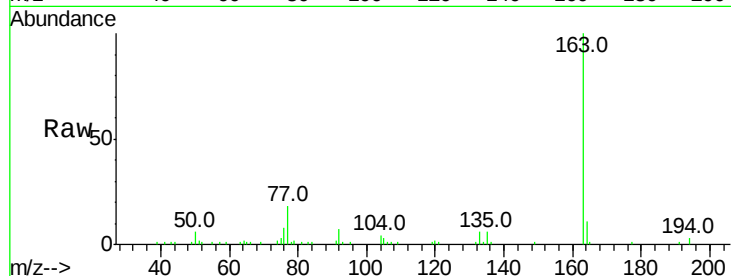
Tot Ion:163 Resp: 97475

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

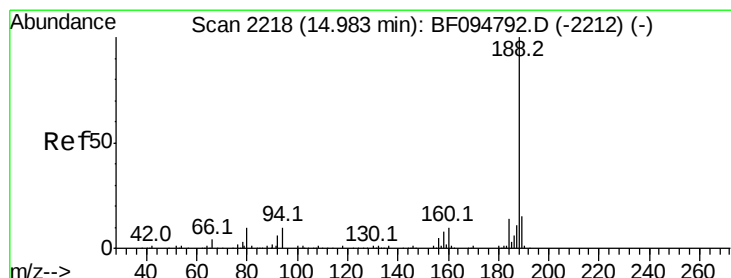
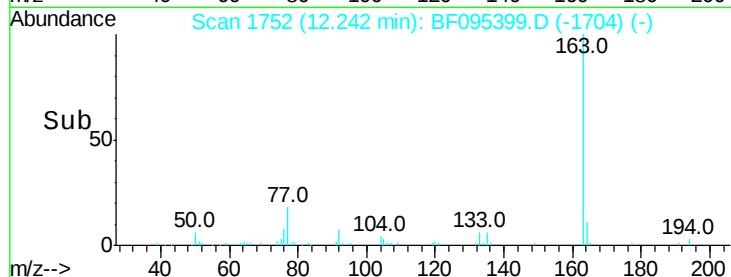
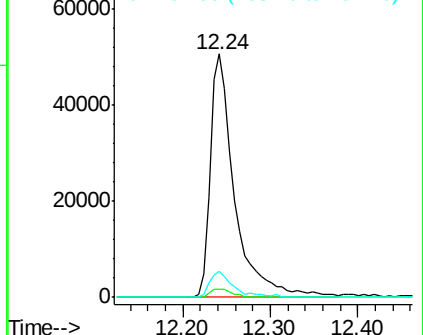
164 10.5 8.4 12.6



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: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

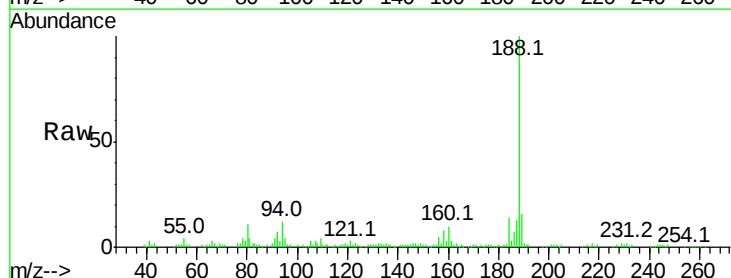
Tgt Ion:188 Resp: 184316

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

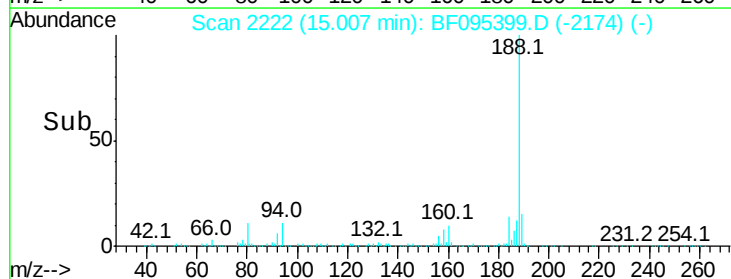
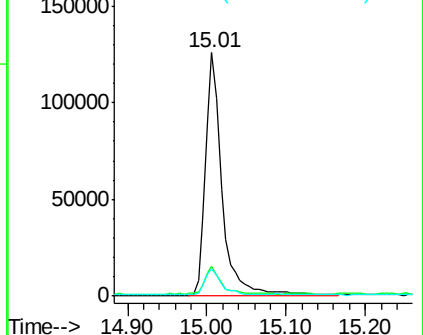
80 11.1 10.2 15.2

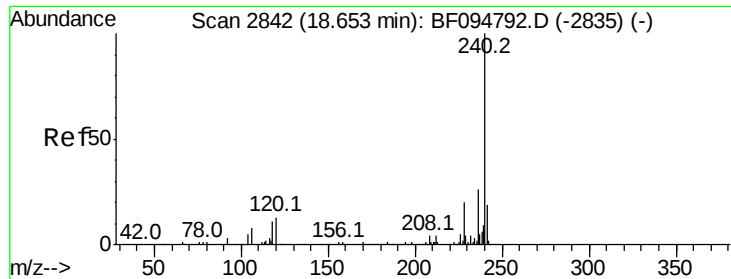


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

EX-02

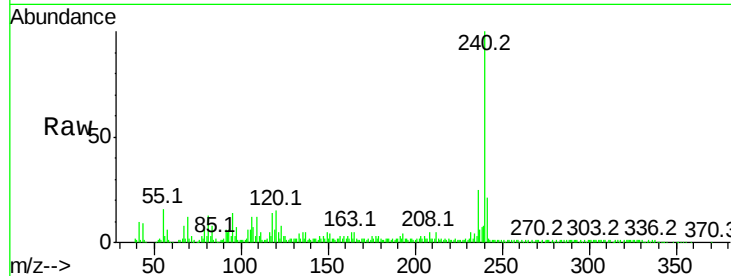
Tot Ion:240 Resp: 160041

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

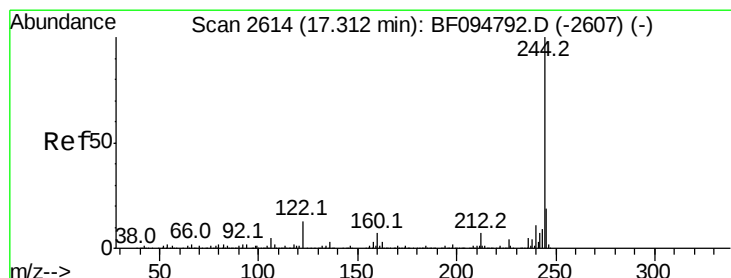
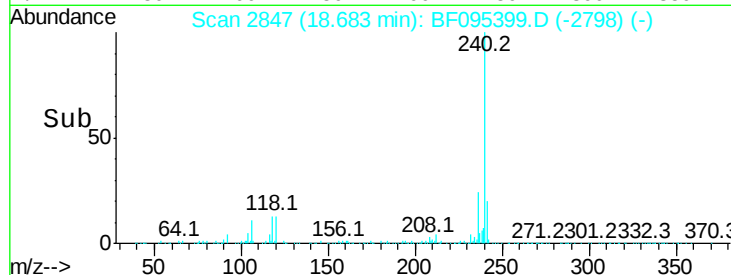
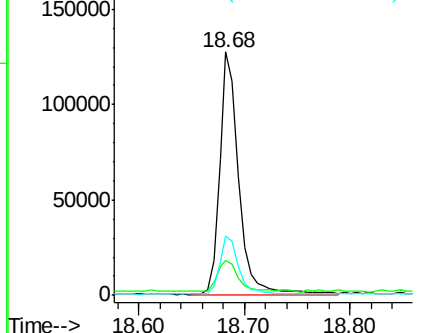
236 24.6 20.5 30.7



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: 85.00 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

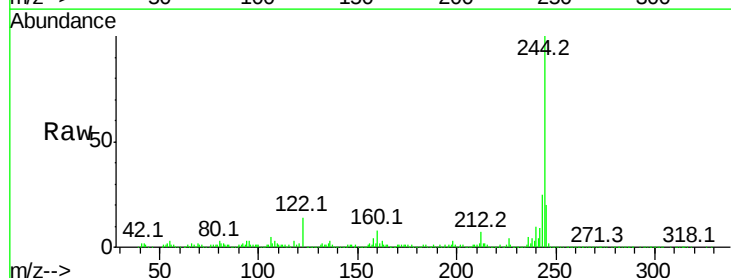
Tgt Ion:244 Resp: 617629

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

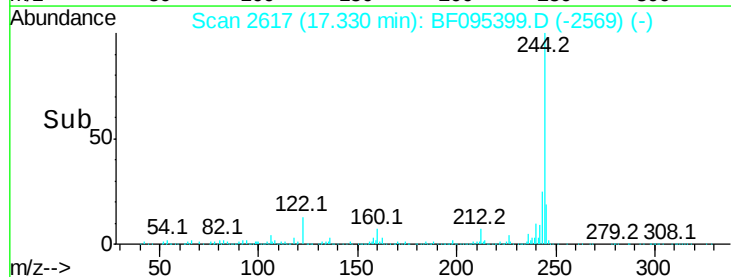
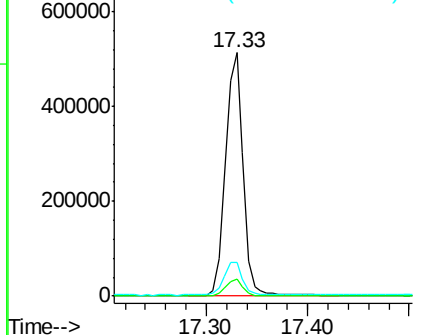
122 13.7 10.3 15.5

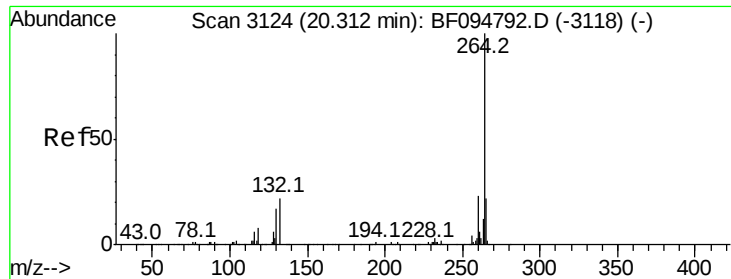


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

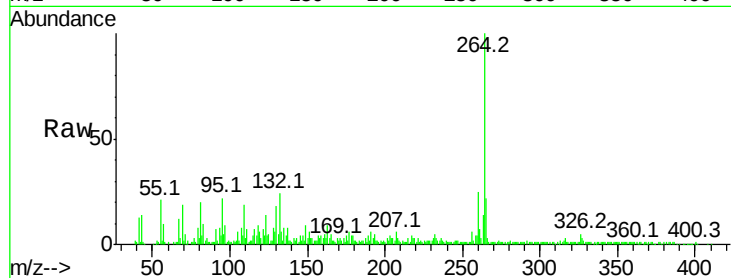




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095399.D
Acq: 24 May 2017 20:35

Instrument :
BNA_F
ClientSampleId :
EX-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.4	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

