

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095042.D
 Acq On : 10 May 2017 2:00
 Operator : SJ/MA
 Sample : I3027-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMP

Quant Time: May 10 05:29:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

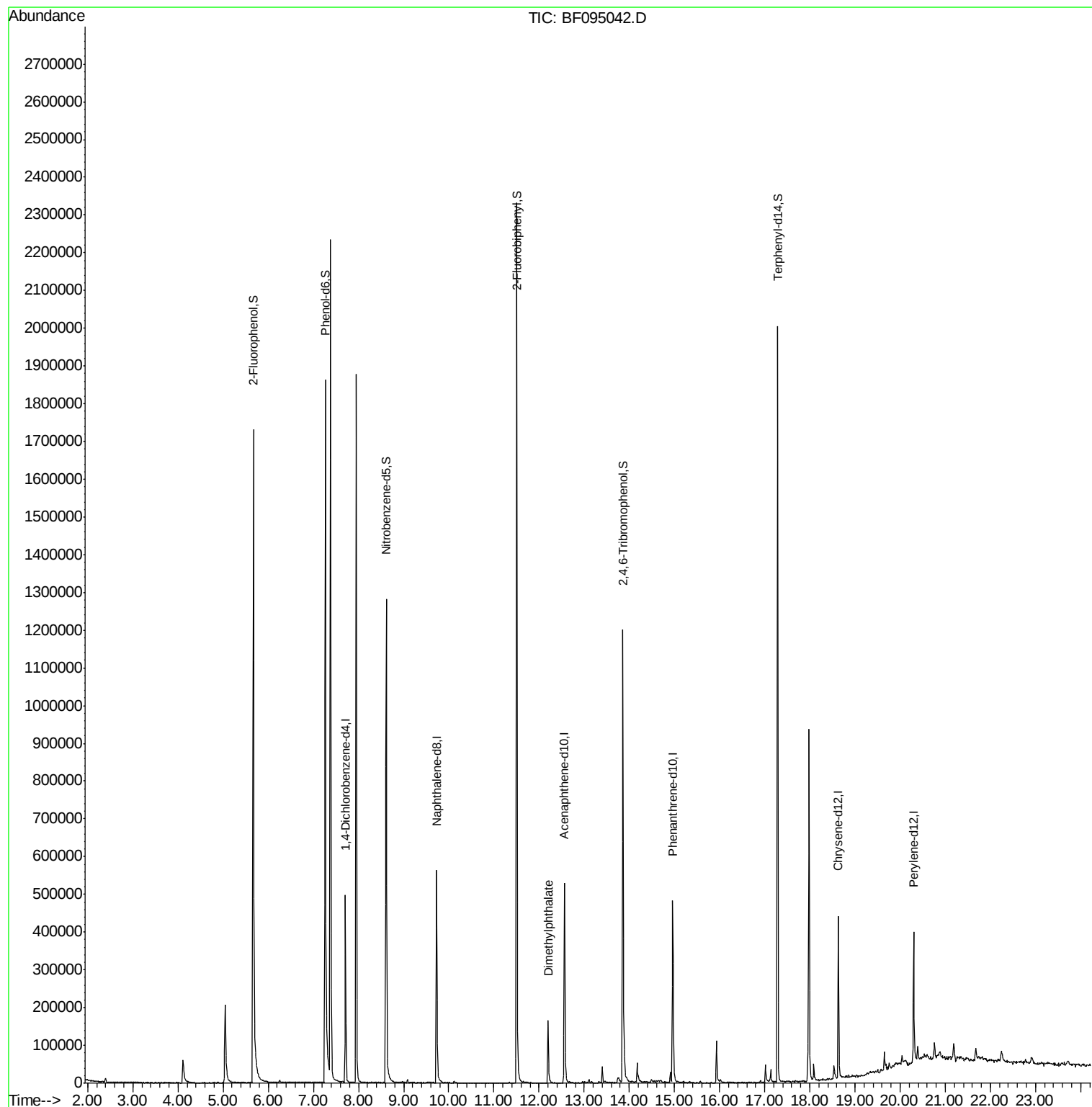
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	98942	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	393192	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	175488	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	282464	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	191853	20.00	ng	-0.02
86) Perylene-d12	20.30	264	163068	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	848849	143.03	ng	0.00
7) Phenol-d6	7.27	99	1126113	158.15	ng	-0.01
23) Nitrobenzene-d5	8.62	82	648806	104.05	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	213757	148.73	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1061574	87.07	ng	-0.02
78) Terphenyl-d14	17.29	244	759284	87.17	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.20	163	111612	7.75	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.71 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF095042.D

Acq: 10 May 2017 2:00

Instrument :

BNA_F

ClientSampleId :

TP-7-8-9-COMP

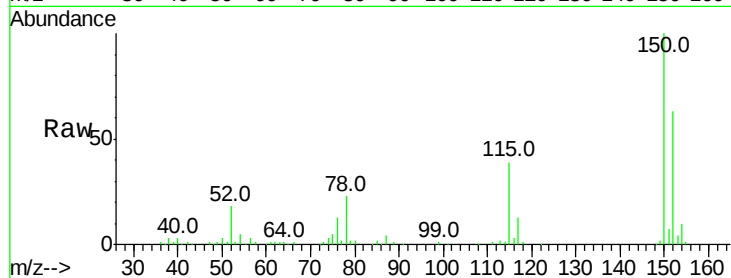
Tot Ion:152 Resp: 98942

Ion Ratio Lower Upper

152 100

150 158.0 126.2 189.2

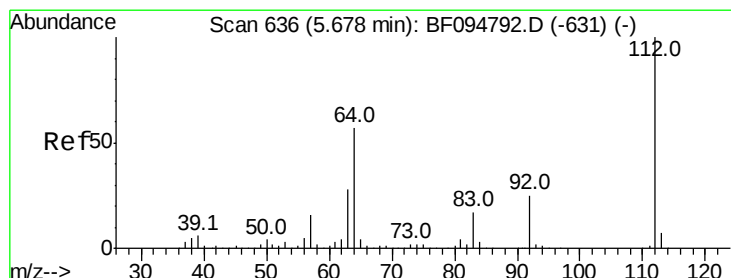
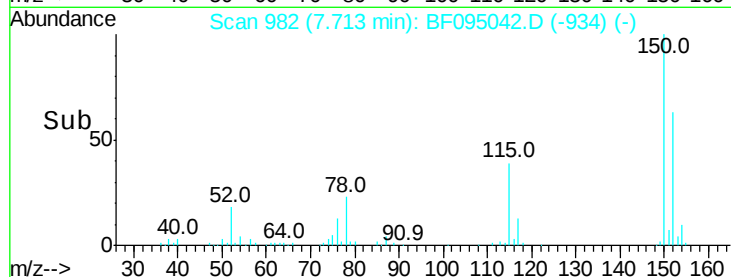
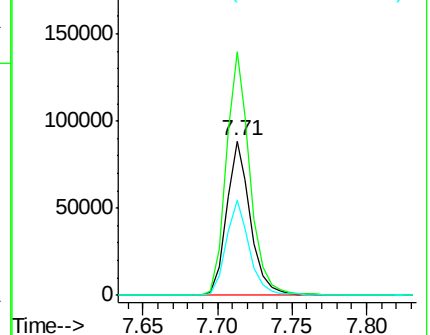
115 61.7 52.2 78.2



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: 143.03 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF095042.D

Acq: 10 May 2017 2:00

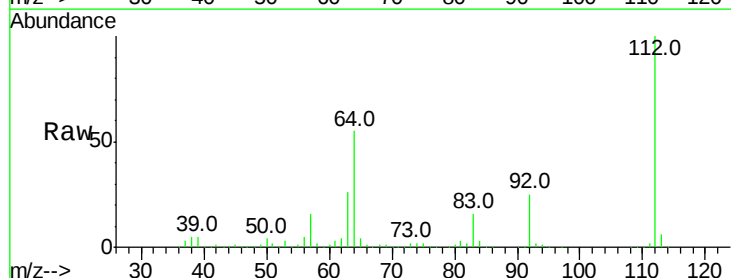
Tgt Ion:112 Resp: 848849

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

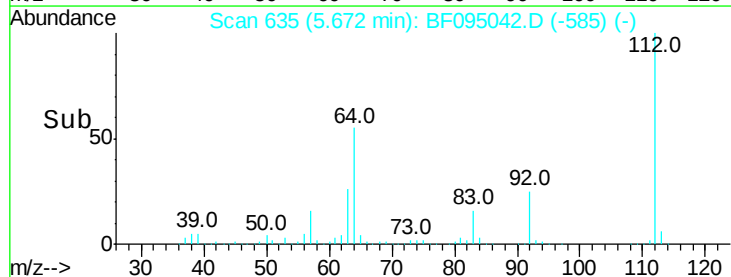
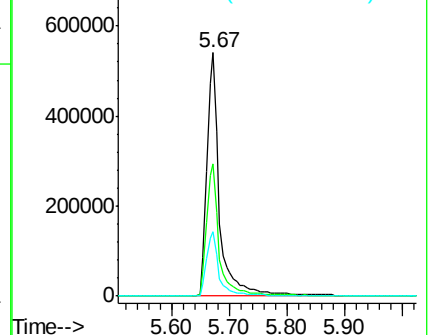
63 26.5 23.4 35.0

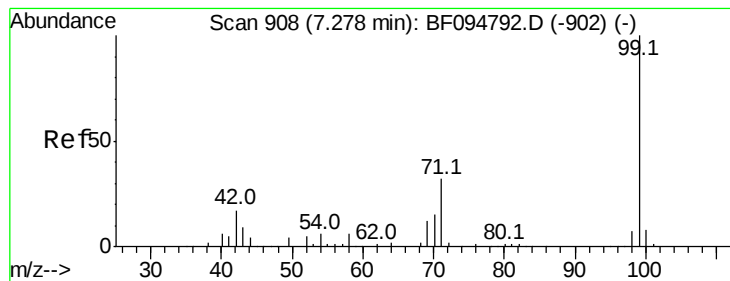


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 158.15 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095042.D

Acq: 10 May 2017 2:00

Instrument :

BNA_F

ClientSampleId :

TP-7-8-9-COMP

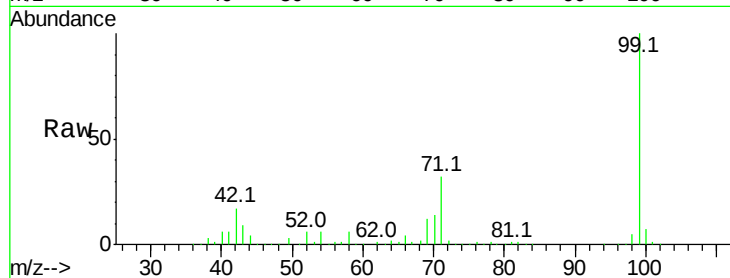
Tot Ion: 99 Resp: 1126113

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

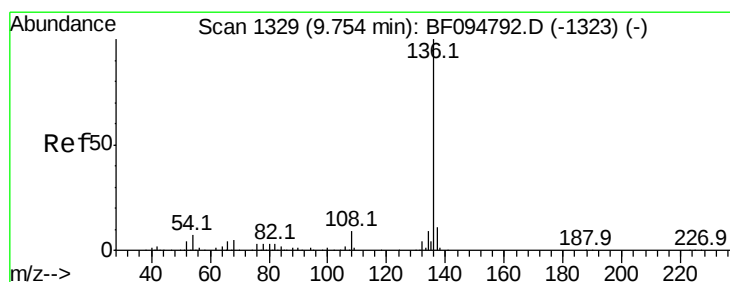
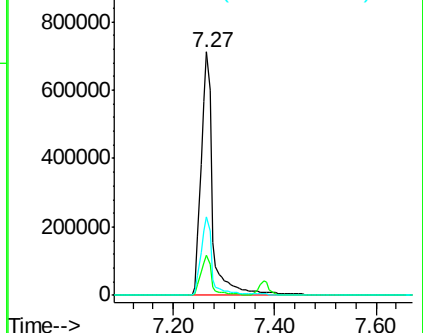
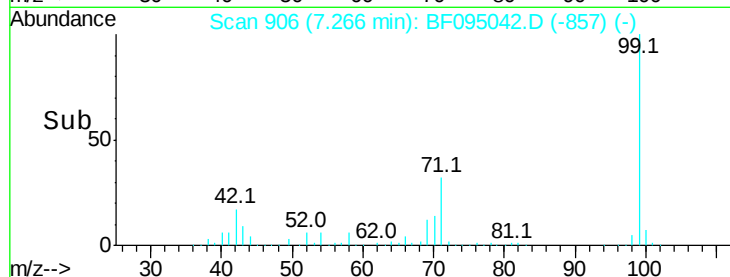
71 32.4 24.5 36.7



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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095042.D

Acq: 10 May 2017 2:00

Tgt Ion: 136 Resp: 393192

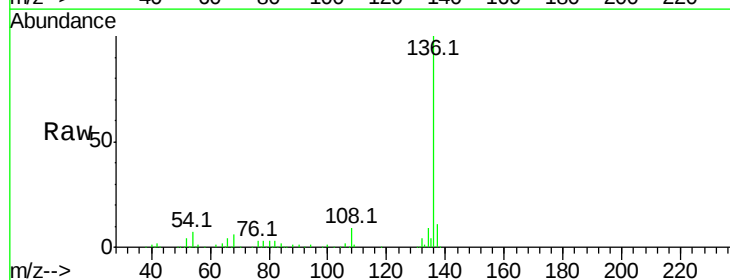
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

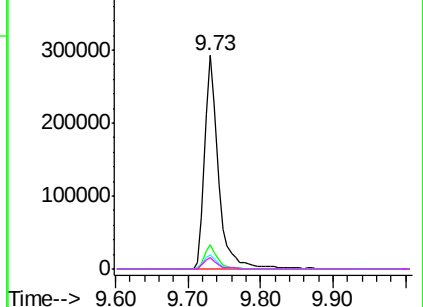
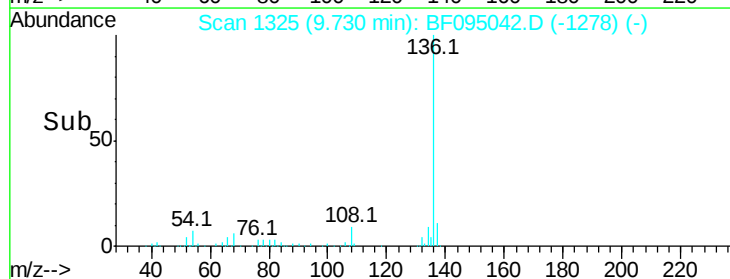


Abundance Ion 136.00 (135.70 to 136.70): E

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

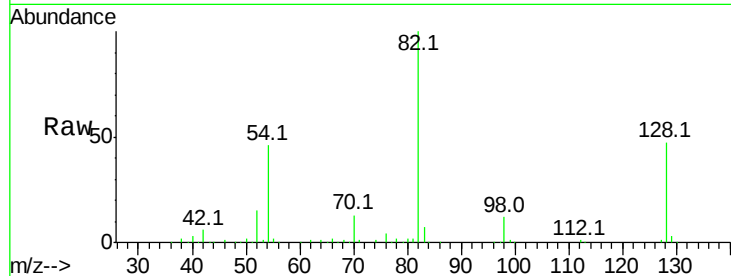




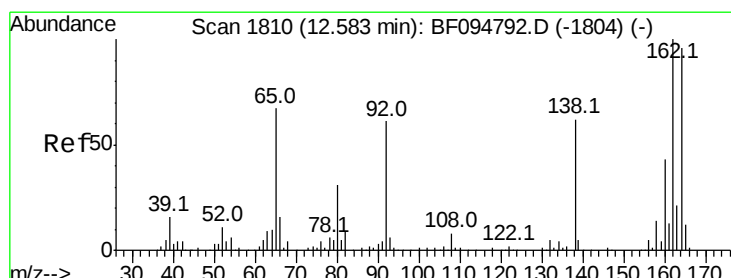
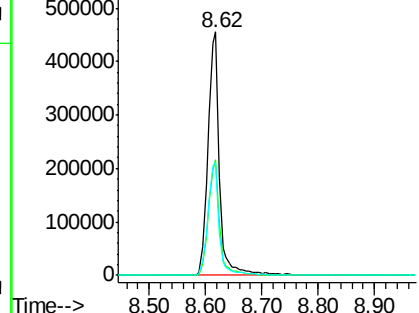
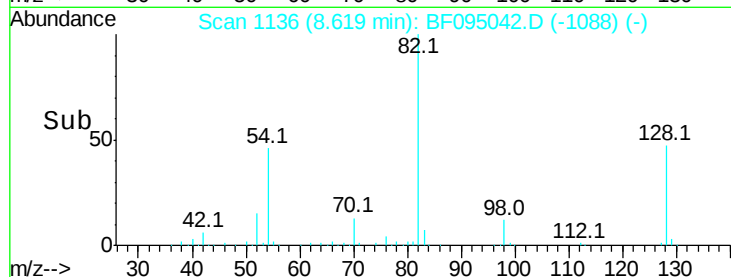
#23
Nitrobenzene-d5
Concen: 104.05 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF095042.D
Acq: 10 May 2017 2:00

Instrument :
BNA_F
ClientSampleId :
TP-7-8-9-COMP

Tot Ion: 82 Resp: 648806
Ion Ratio Lower Upper
82 100
128 47.5 34.0 51.0
54 46.5 42.2 63.2

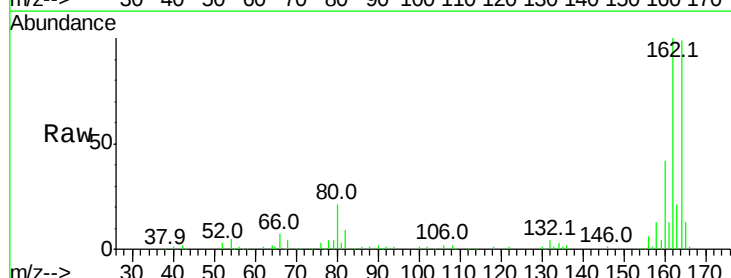


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

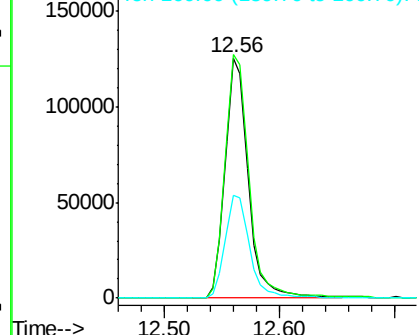
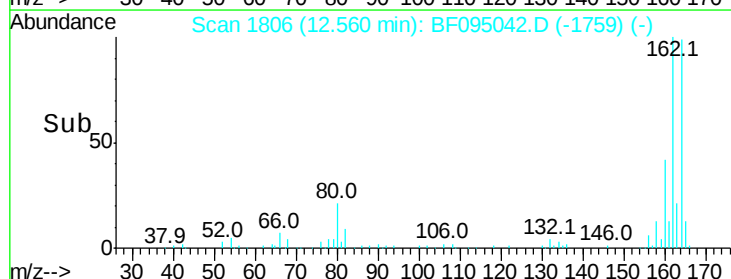


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095042.D
Acq: 10 May 2017 2:00

Tgt Ion:164 Resp: 175488
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 43.1 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

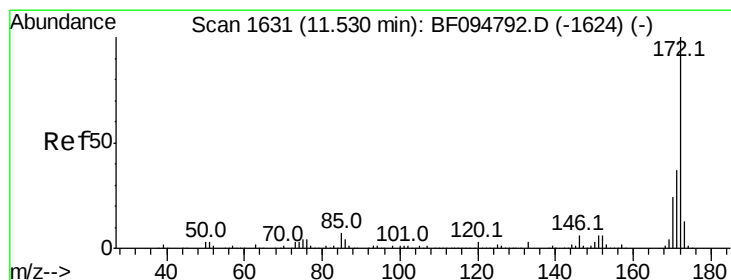
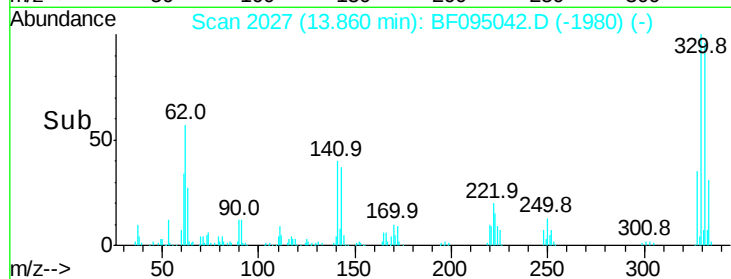
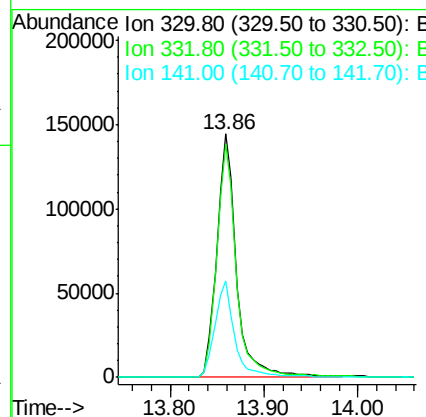
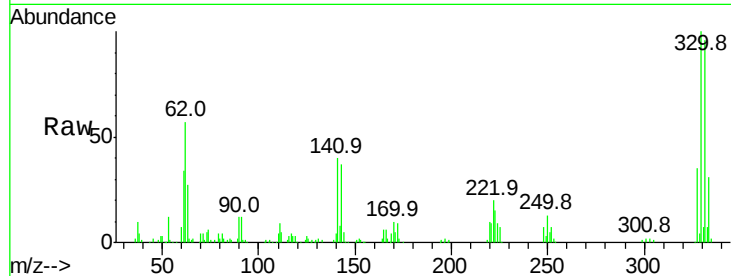




#41
 2,4,6-Tribromophenol
 Concen: 148.73 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095042.D
 Acq: 10 May 2017 2:00

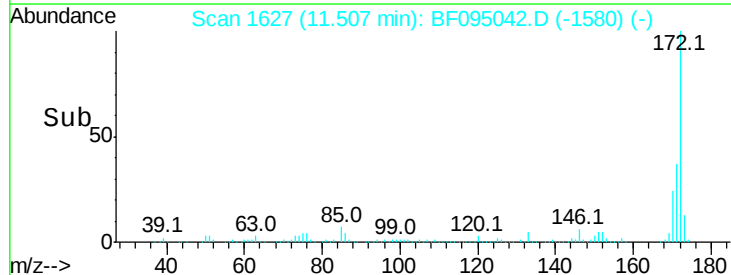
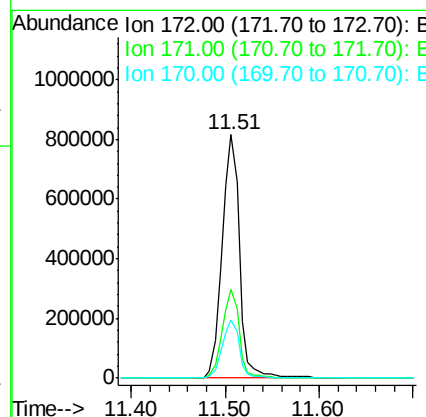
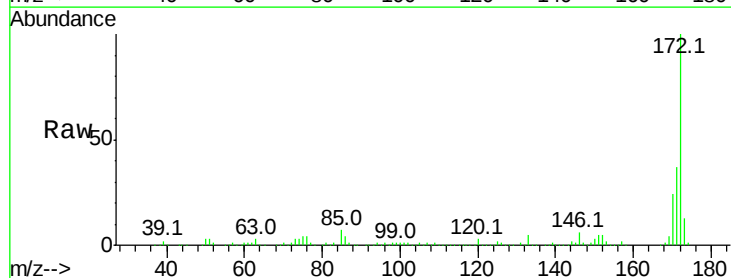
Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	40.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 87.07 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095042.D
 Acq: 10 May 2017 2:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.8	19.8	29.8





#49

Dimethylphthalate

Concen: 7.75 ng

RT: 12.20 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BF095042.D

Acq: 10 May 2017 2:00

Instrument :

BNA_F

ClientSampleId :

TP-7-8-9-COMP

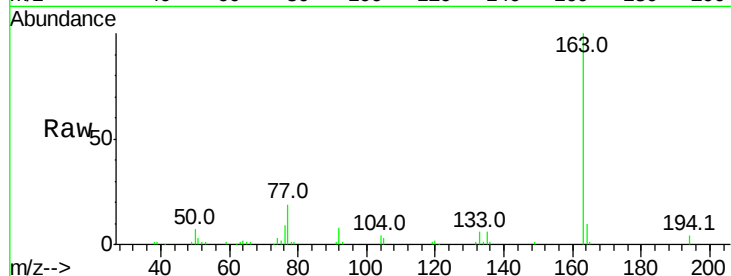
Tot Ion:163 Resp: 111612

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

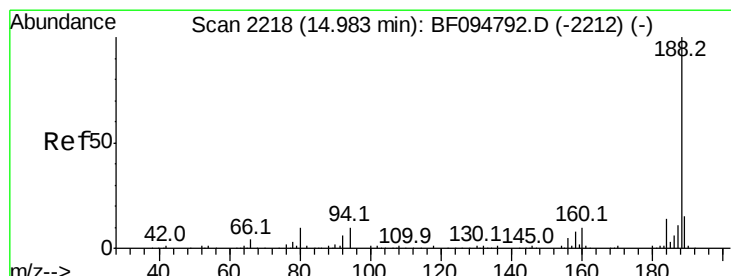
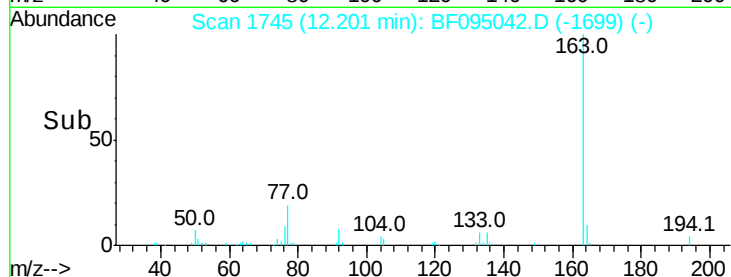
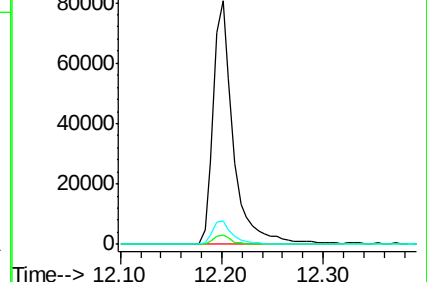
164 9.8 8.4 12.6



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: 14.96 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF095042.D

Acq: 10 May 2017 2:00

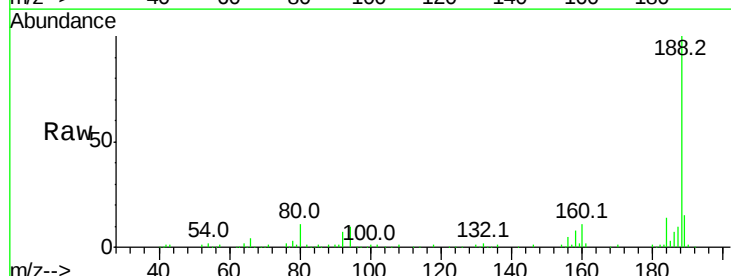
Tgt Ion:188 Resp: 282464

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

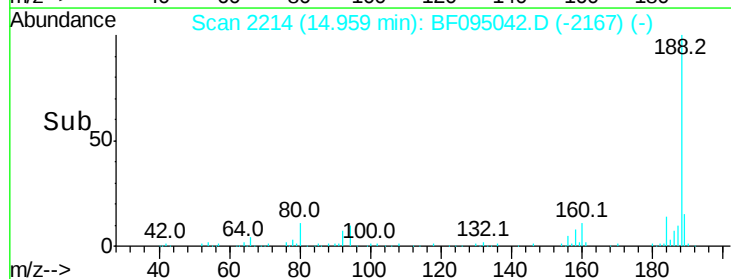
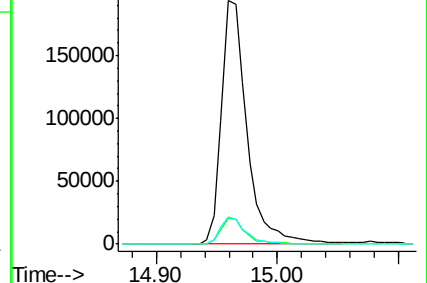
80 11.4 10.2 15.2

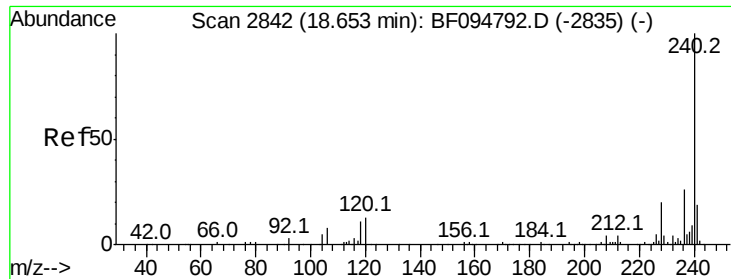


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095042.D

Acq: 10 May 2017 2:00

Instrument :

BNA_F

ClientSampleId :

TP-7-8-9-COMP

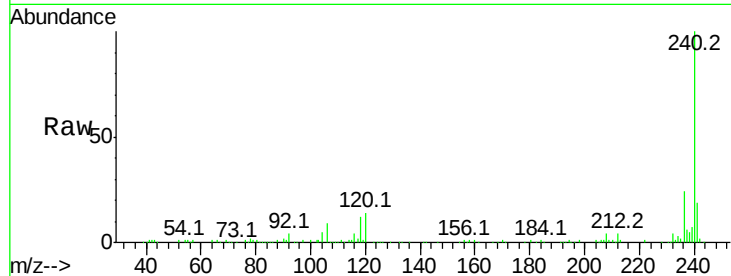
Tot Ion:240 Resp: 191853

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

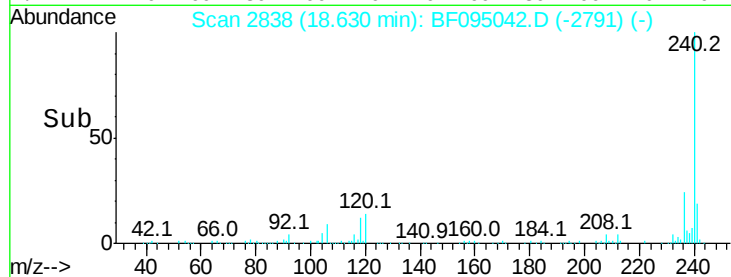
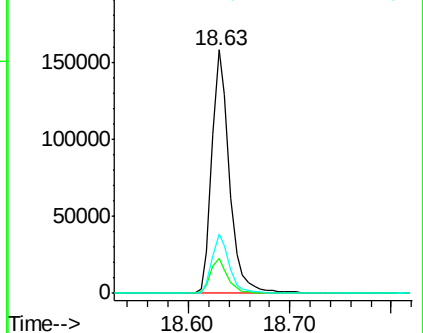
236 24.2 20.5 30.7



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: 87.17 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095042.D

Acq: 10 May 2017 2:00

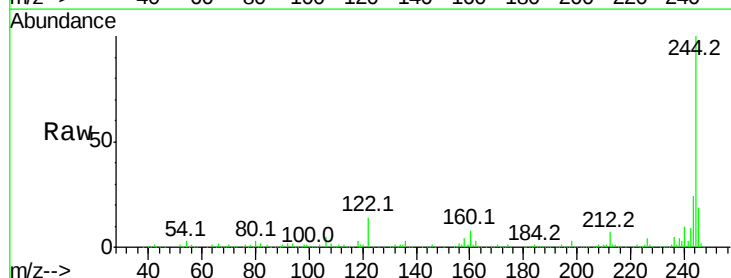
Tgt Ion:244 Resp: 759284

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

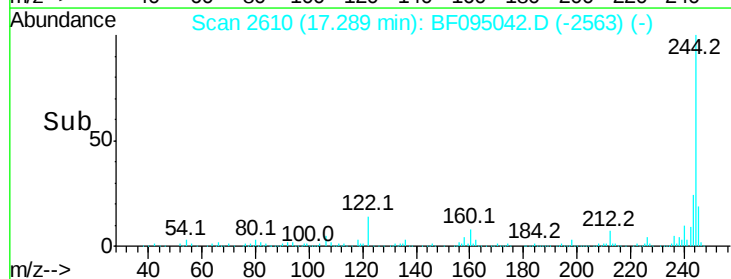
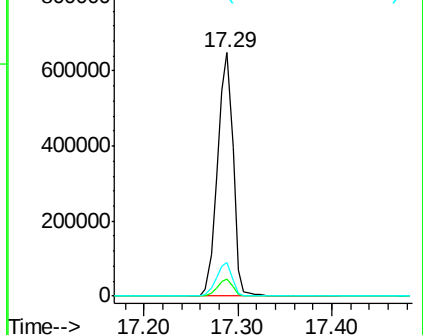
122 13.9 10.3 15.5

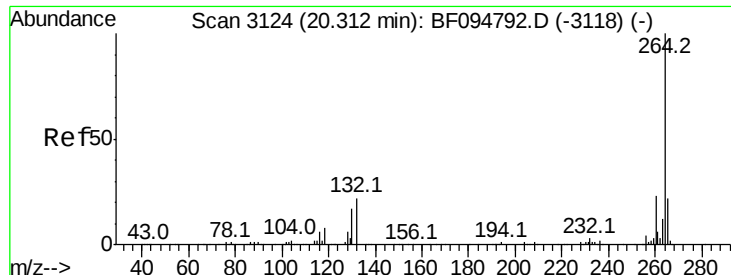


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

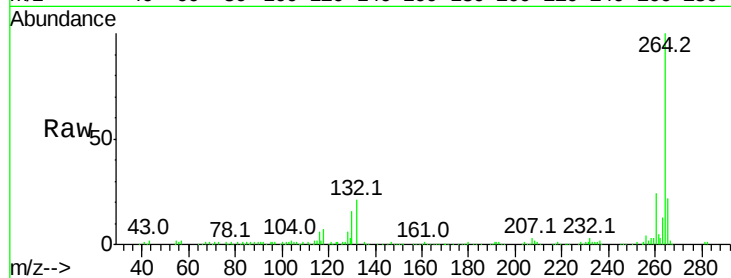




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095042.D
 Acq: 10 May 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-8-9-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.7	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

