

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095242.D
 Acq On : 19 May 2017 1:50
 Operator : SJ/MA
 Sample : I3189-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: May 19 04:14:35 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

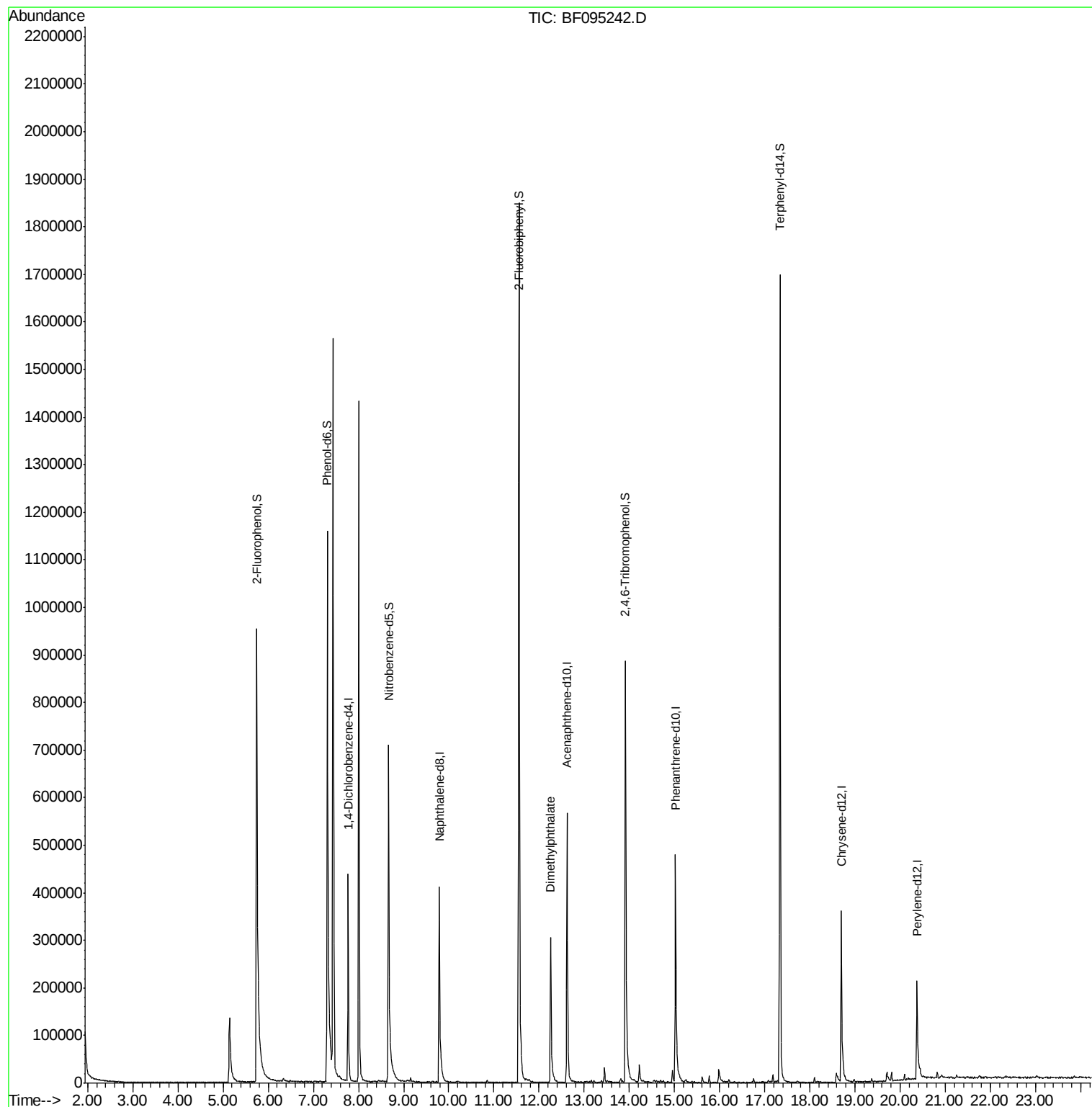
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	99761	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	401979	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	194926	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	354999	20.00	ng	0.00
75) Chrysene-d12	18.69	240	235176	20.00	ng	0.00
86) Perylene-d12	20.37	264	158288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	721369	120.56	ng	0.00
7) Phenol-d6	7.31	99	834185	116.19	ng	0.00
23) Nitrobenzene-d5	8.67	82	478621	75.08	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	191557	119.99	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	990795	73.16	ng	0.00
78) Terphenyl-d14	17.34	244	742545	69.54	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.26	163	269204	16.82	ng	98

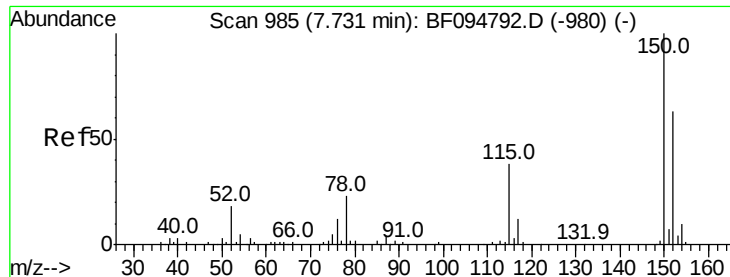
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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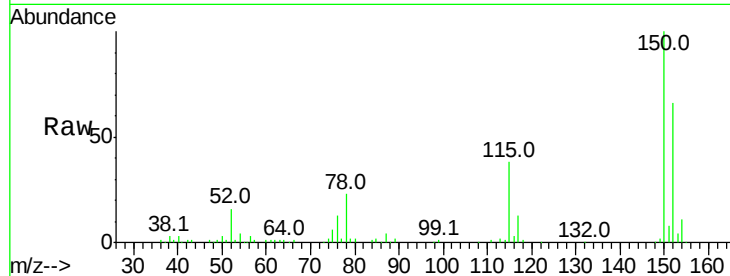


#1

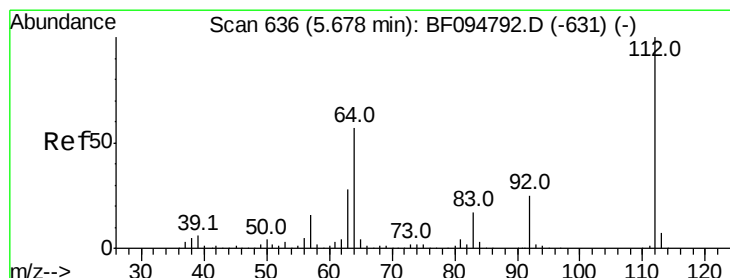
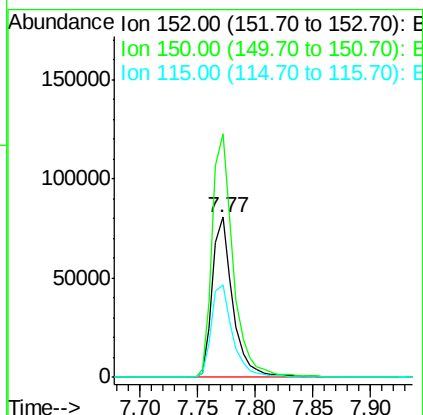
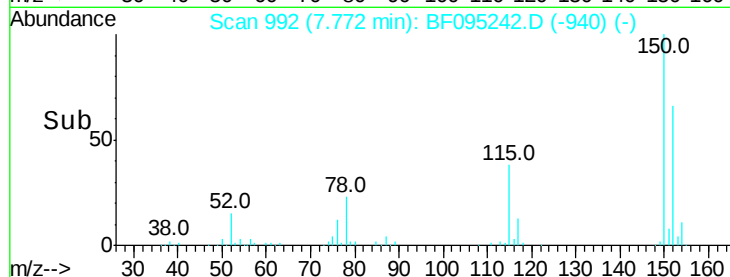
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF095242.D
 Acq: 19 May 2017 1:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tot Ion:152 Resp: 99761
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.2 189.2
 115 57.7 52.2 78.2



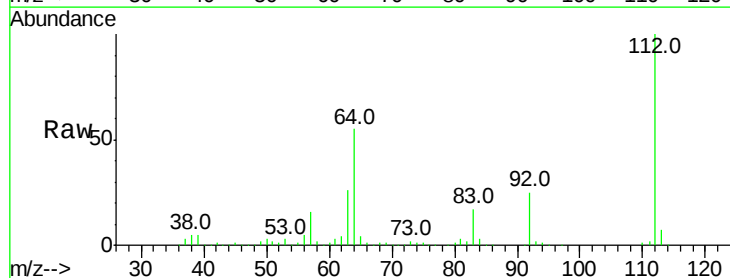
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



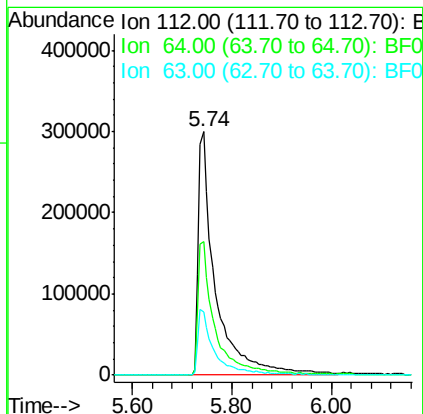
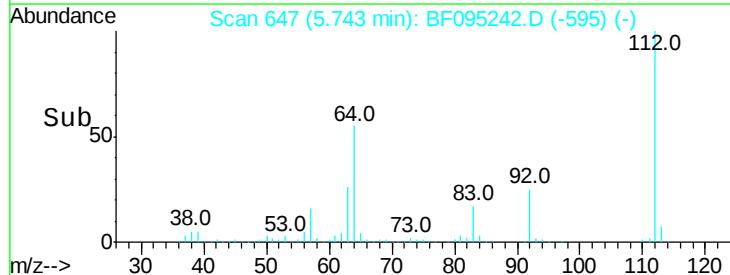
#5

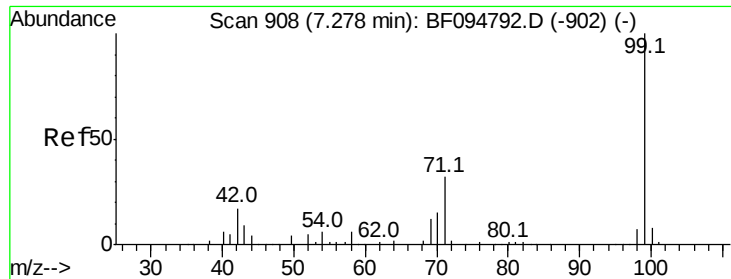
2-Fluorophenol
 Concen: 120.56 ng
 RT: 5.74 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF095242.D
 Acq: 19 May 2017 1:50

Tgt Ion:112 Resp: 721369
 Ion Ratio Lower Upper
 112 100
 64 54.6 46.0 69.0
 63 26.1 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: 116.19 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095242.D

Acq: 19 May 2017 1:50

Instrument :

BNA_F

ClientSampleId :

TP-15

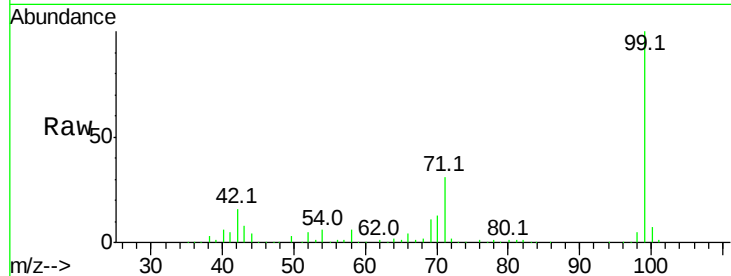
Tot Ion: 99 Resp: 834185

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

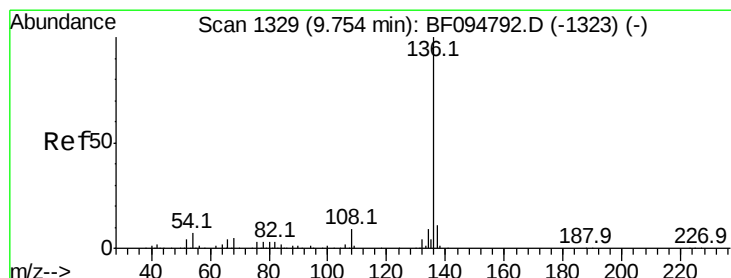
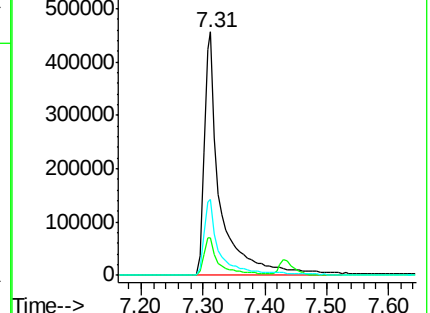
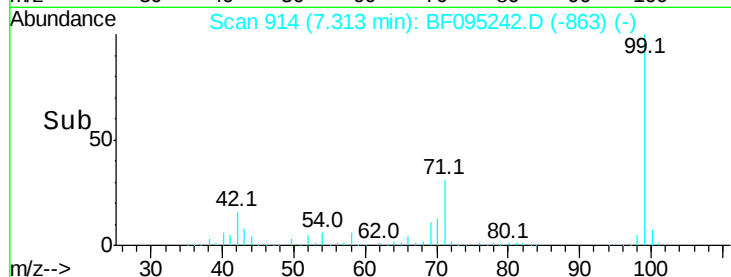
71 31.3 24.5 36.7



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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095242.D

Acq: 19 May 2017 1:50

Tgt Ion: 136 Resp: 401979

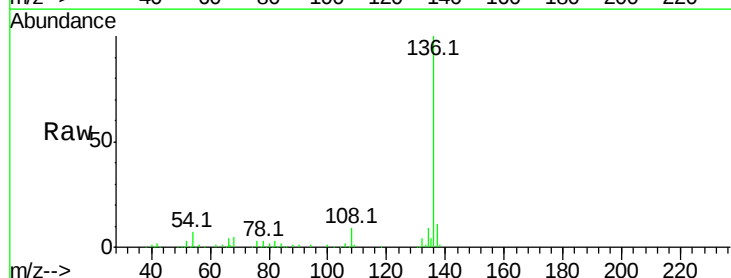
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

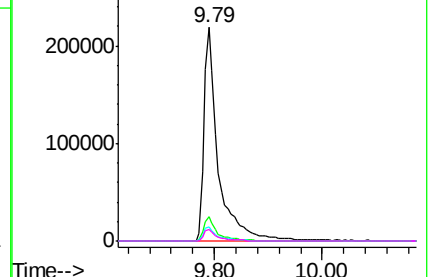
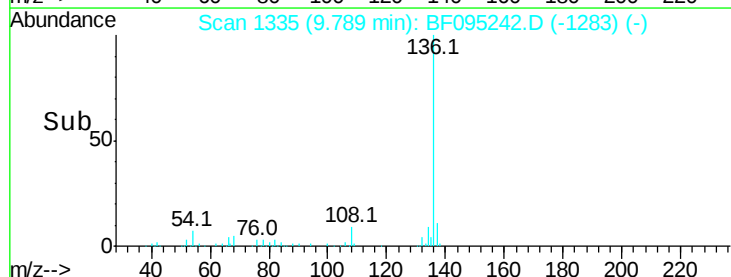


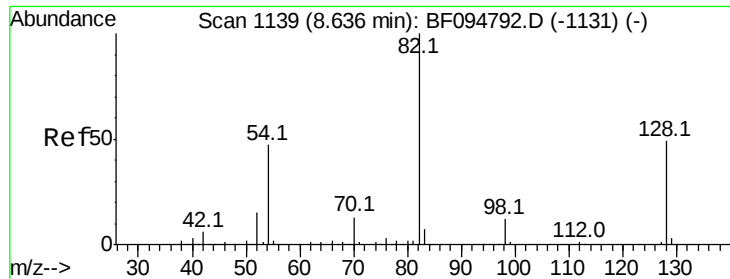
Abundance Ion 136.00 (135.70 to 136.70): E

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

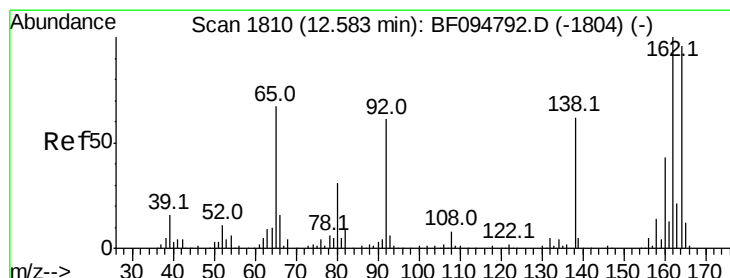
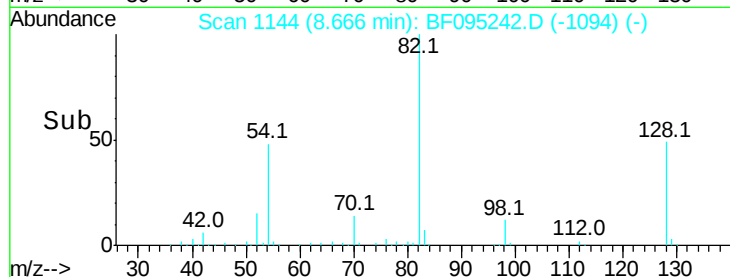
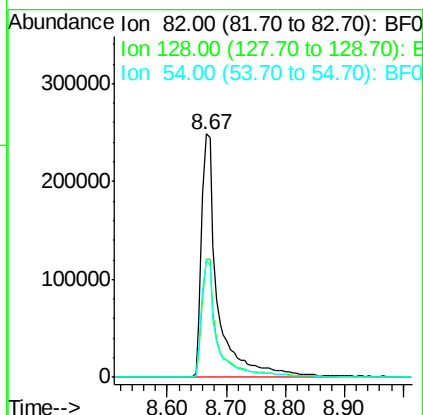
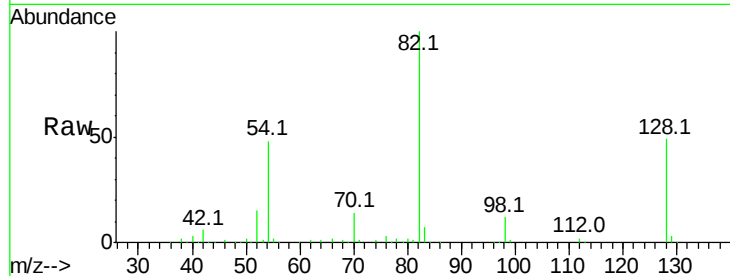




#23
 Nitrobenzene-d5
 Concen: 75.08 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095242.D
 Acq: 19 May 2017 1:50

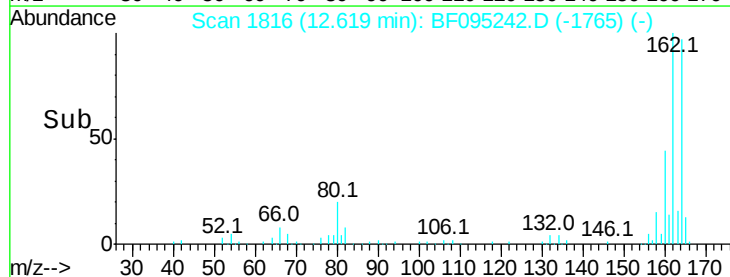
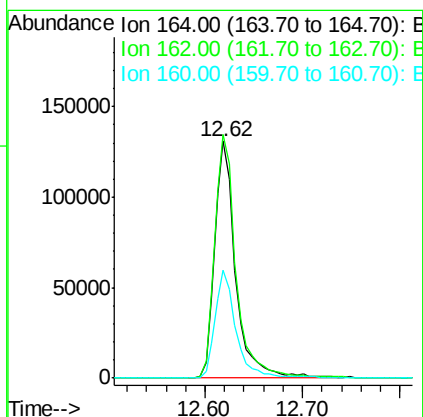
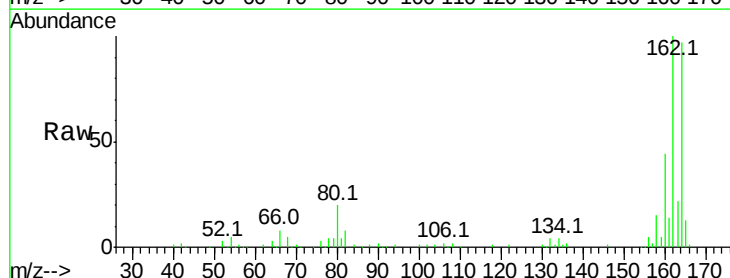
Instrument :
 BNA_F
 ClientSampleId :
 TP-15

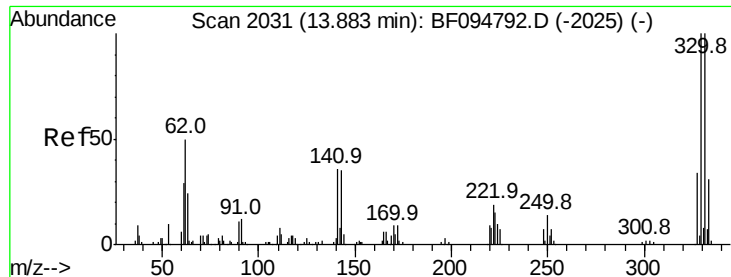
Tot Ion: 82 Resp: 478621
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.0 51.0
 54 48.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095242.D
 Acq: 19 May 2017 1:50

Tgt Ion:164 Resp: 194926
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 45.3 36.2 54.2

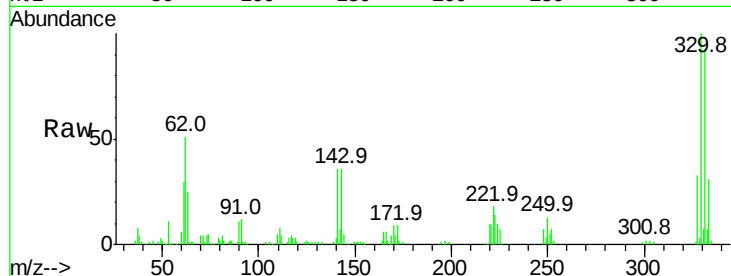




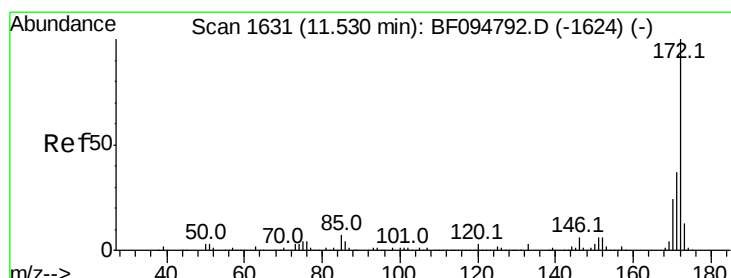
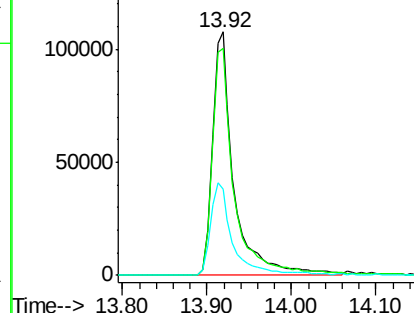
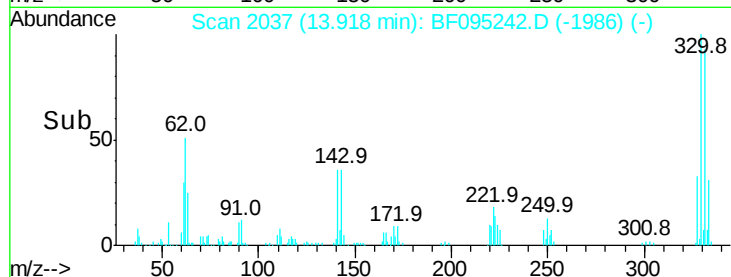
#41
 2,4,6-Tribromophenol
 Concen: 119.99 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095242.D
 Acq: 19 May 2017 1:50

Instrument :
 BNA_F
 ClientSampled :
 TP-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.6	31.4	47.2

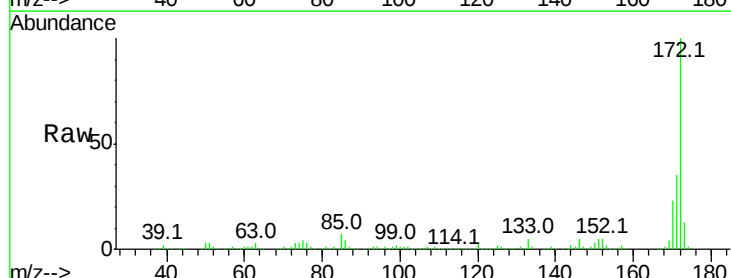


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

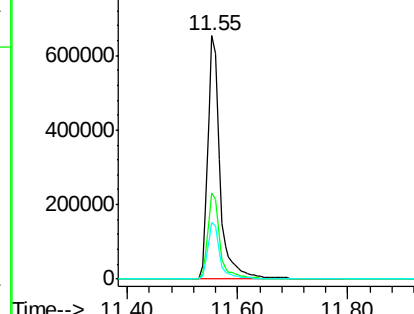
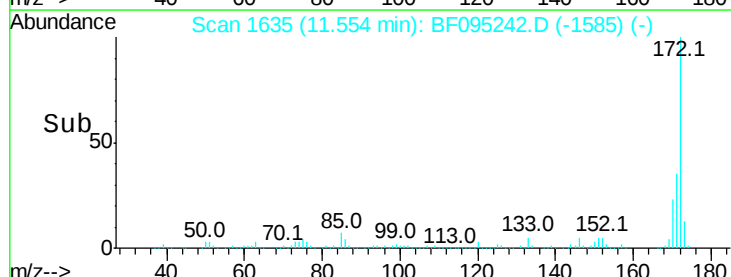


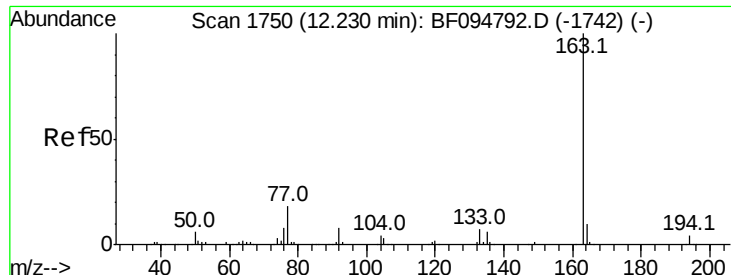
#44
 2-Fluorobiphenyl
 Concen: 73.16 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095242.D
 Acq: 19 May 2017 1:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.3	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: 16.82 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF095242.D

Acq: 19 May 2017 1:50

Instrument :

BNA_F

ClientSampleId :

TP-15

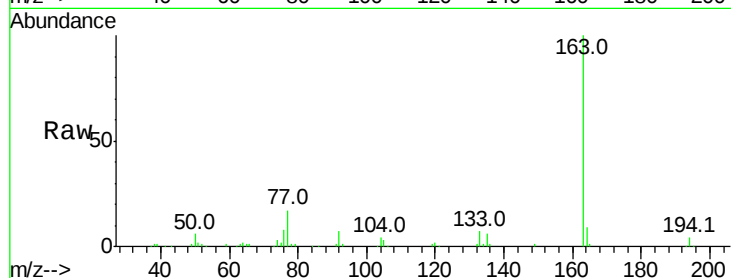
Tot Ion:163 Resp: 269204

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

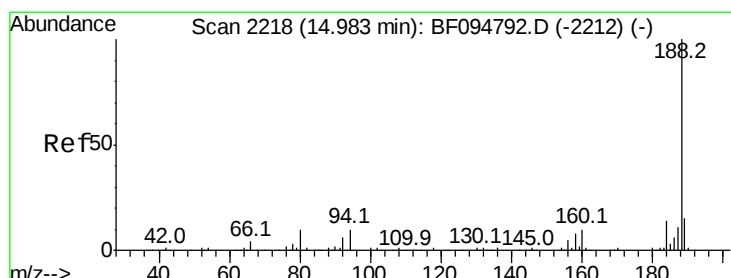
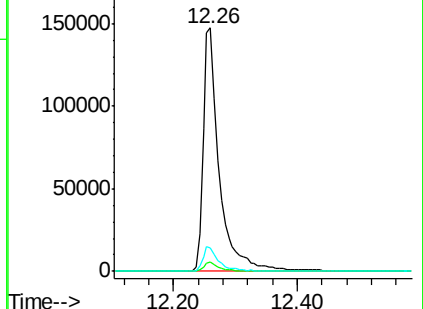
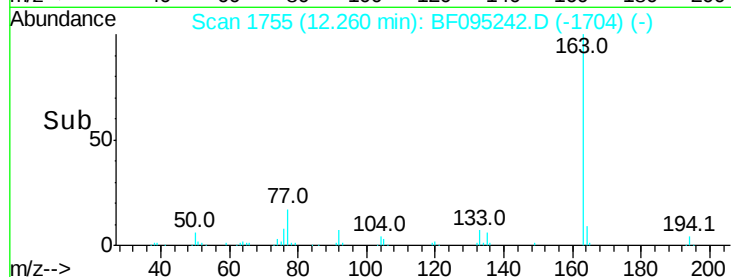
164 9.4 8.4 12.6



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: 15.02 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF095242.D

Acq: 19 May 2017 1:50

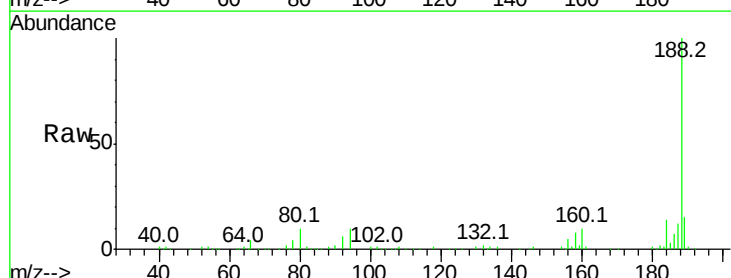
Tgt Ion:188 Resp: 354999

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

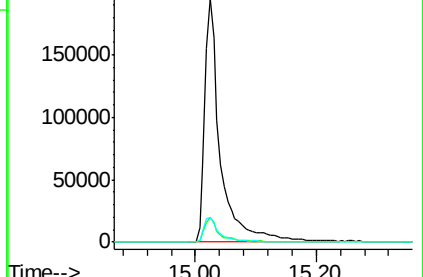
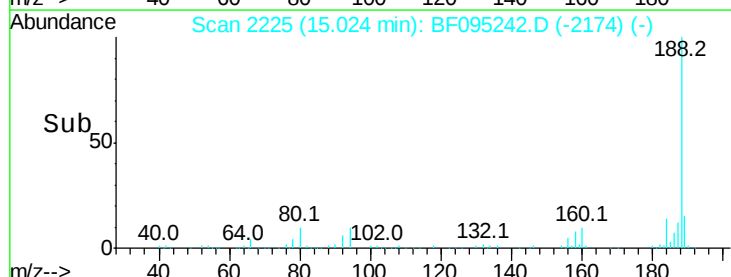
80 10.3 10.2 15.2

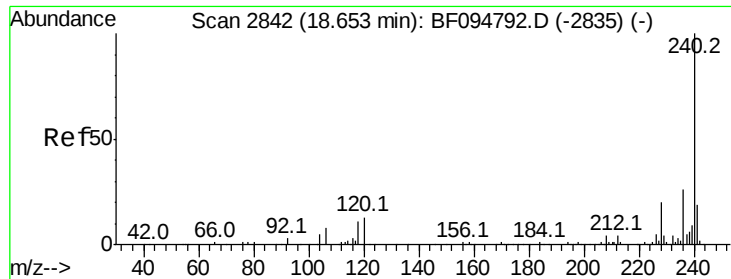


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095242.D

Acq: 19 May 2017 1:50

Instrument :

BNA_F

ClientSampleId :

TP-15

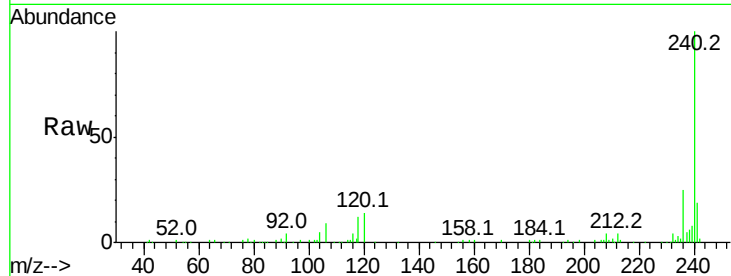
Tot Ion:240 Resp: 235176

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

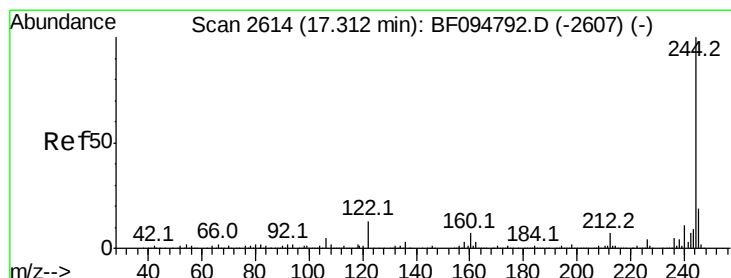
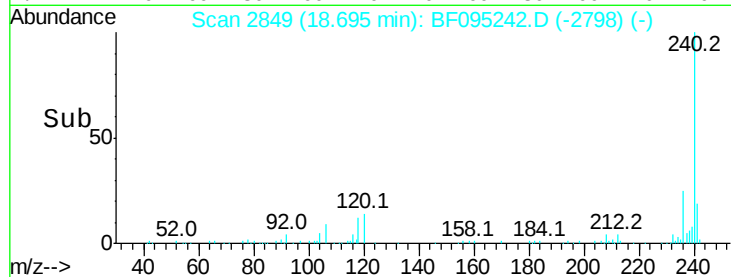
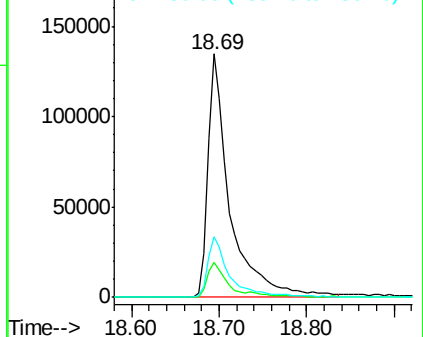
236 24.7 20.5 30.7



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: 69.54 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095242.D

Acq: 19 May 2017 1:50

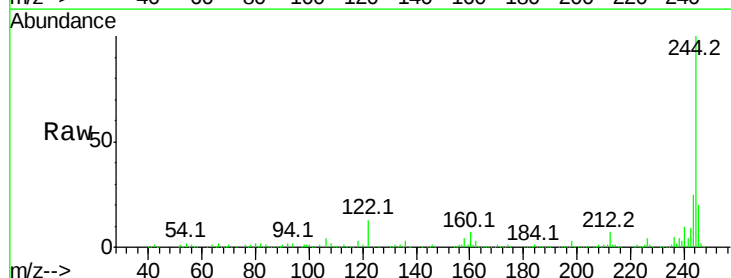
Tgt Ion:244 Resp: 742545

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

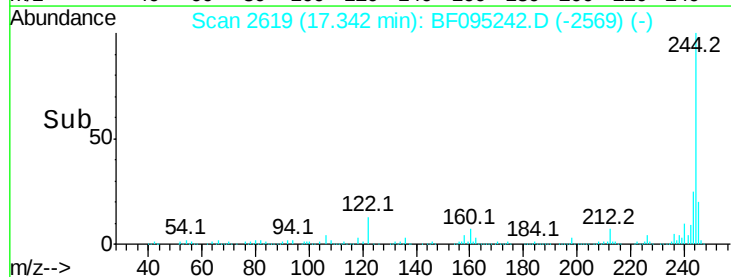
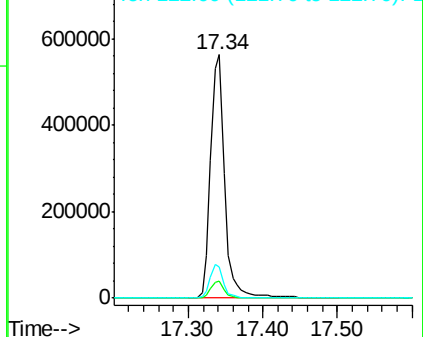
122 12.9 10.3 15.5

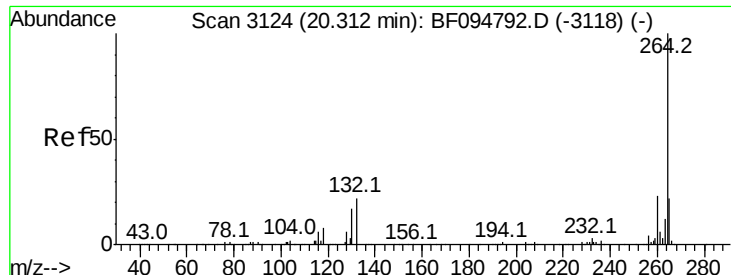


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

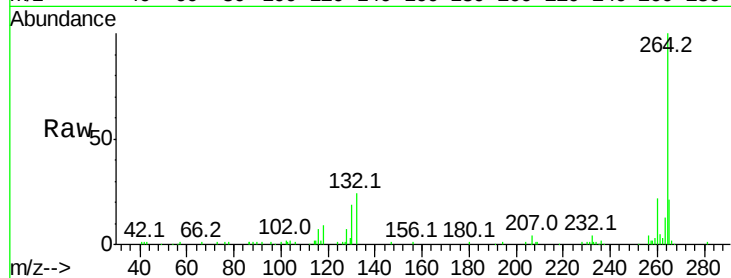




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095242.D
 Acq: 19 May 2017 1:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tot Ion: 264 Resp: 158288
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 20.6 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

