

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095416.D
 Acq On : 25 May 2017 9:21
 Operator : SJ/MA
 Sample : I3248-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-5.5-6.0

Quant Time: May 25 13:34:44 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

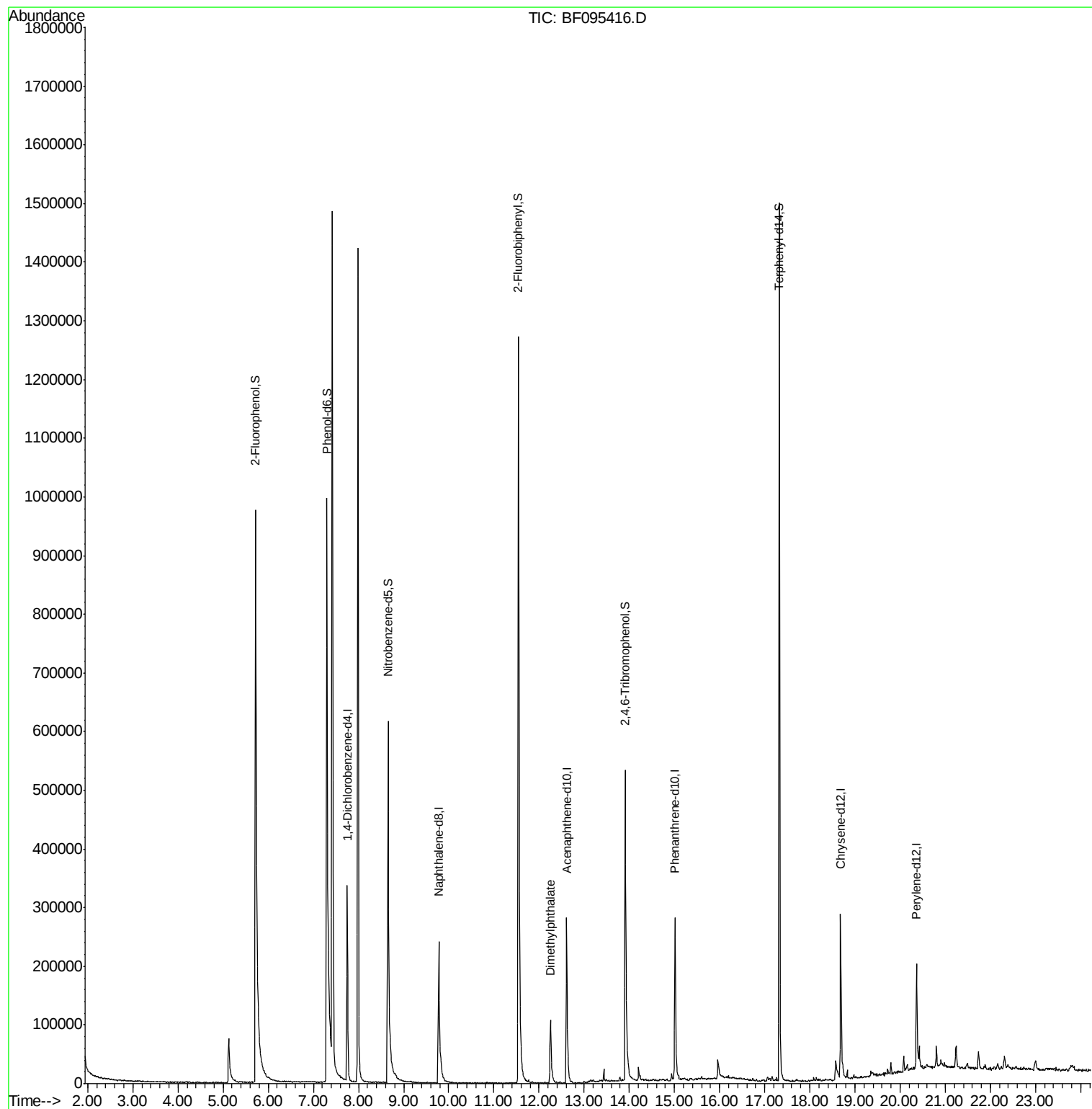
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	79804	20.00	ng	-0.02
21) Naphthalene-d8	9.78	136	297314	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	116763	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	192119	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	164068	20.00	ng	-0.01
86) Perylene-d12	20.36	264	111493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	747623	156.19	ng	-0.02
7) Phenol-d6	7.30	99	865847	150.76	ng	-0.02
23) Nitrobenzene-d5	8.65	82	462514	98.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	134533	140.69	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	860052	106.02	ng	-0.02
78) Terphenyl-d14	17.32	244	628788	84.41	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.25	163	118309	12.34	ng	Qvalue 98

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

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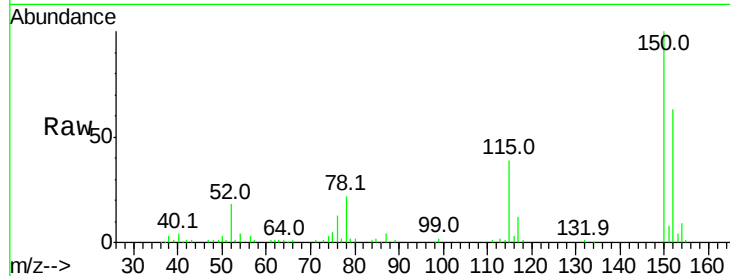


#1

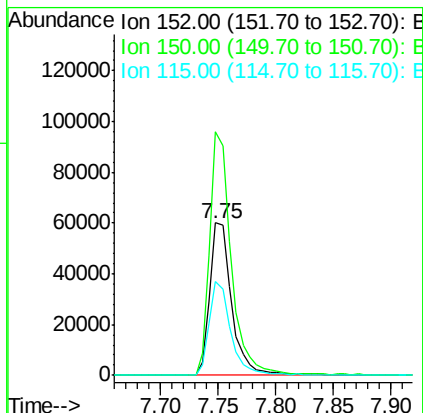
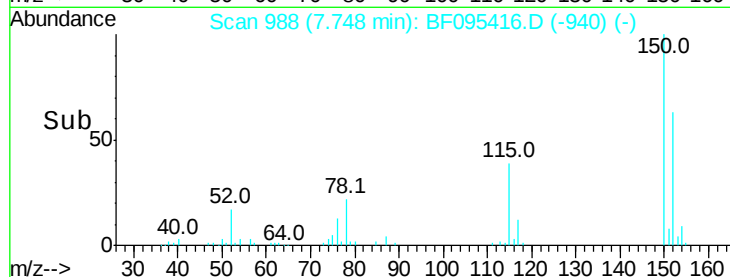
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095416.D
Acq: 25 May 2017 9:21

Instrument :
BNA_F
ClientSampleId :
SB-11-5.5-6.0

Tot Ion:152 Resp: 79804
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 62.0 52.2 78.2



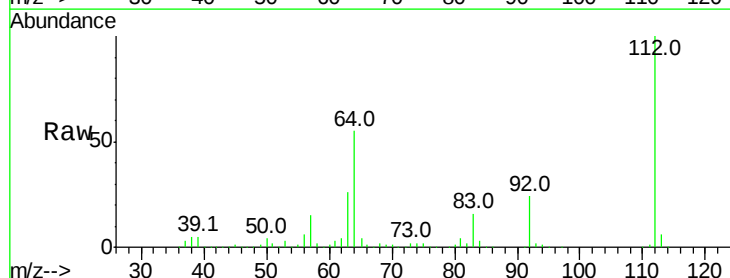
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



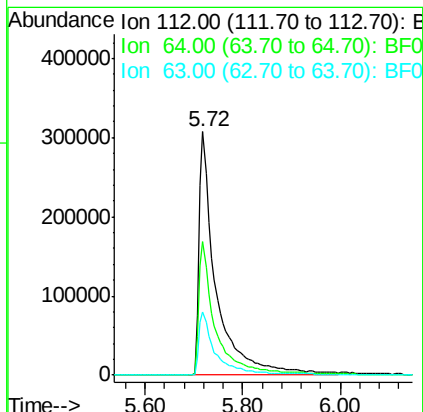
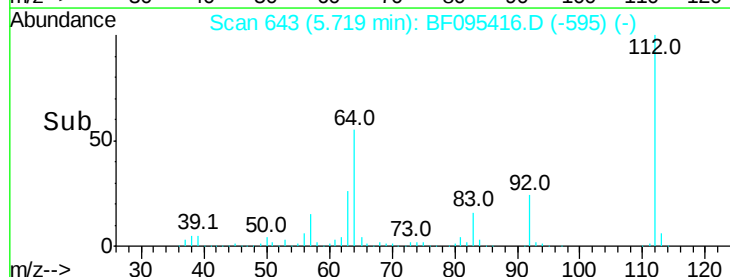
#5

2-Fluorophenol
Concen: 156.19 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095416.D
Acq: 25 May 2017 9:21

Tgt Ion:112 Resp: 747623
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 25.9 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: 150.76 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Instrument :

BNA_F

ClientSampleId :

SB-11-5.5-6.0

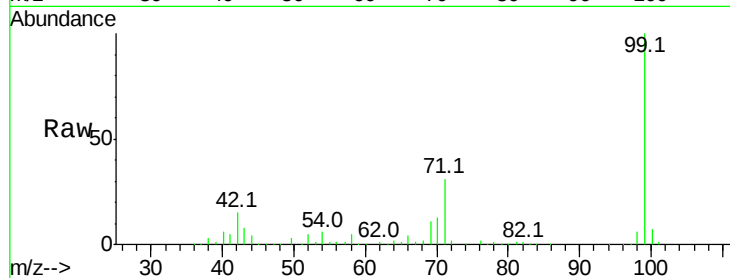
Tot Ion: 99 Resp: 865847

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

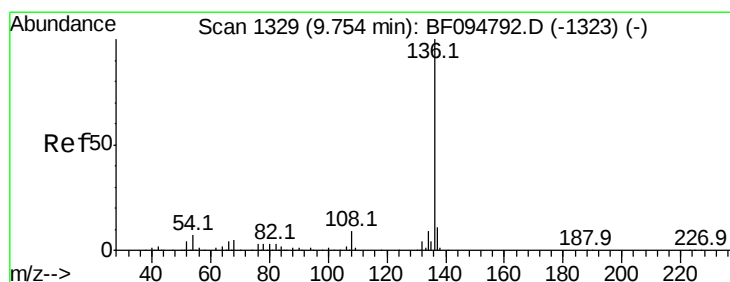
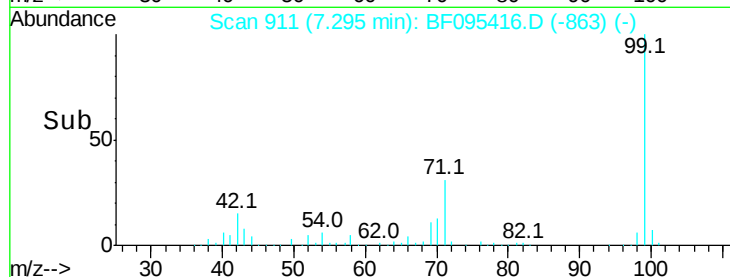
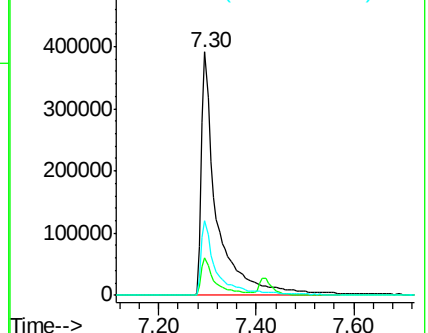
71 30.7 24.5 36.7



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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Tgt Ion: 136 Resp: 297314

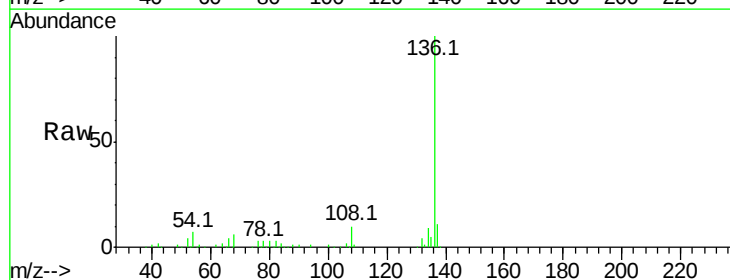
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.6 4.9 7.3

68 6.1 4.1 6.1#

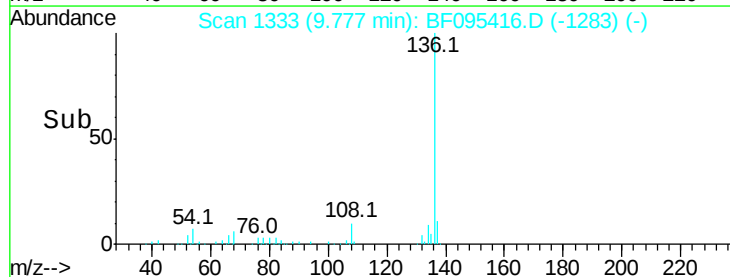
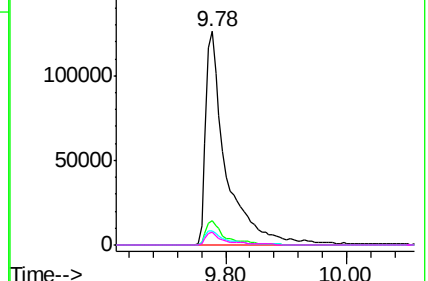


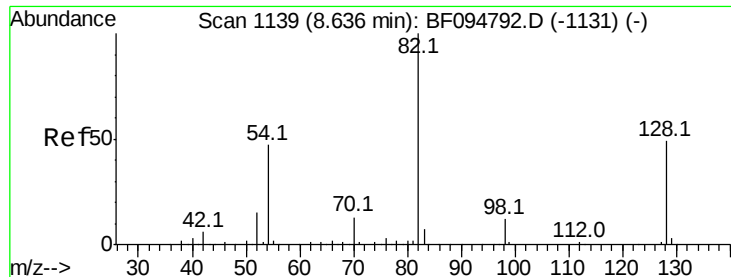
Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.10 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Instrument :

BNA_F

ClientSampleId :

SB-11-5.5-6.0

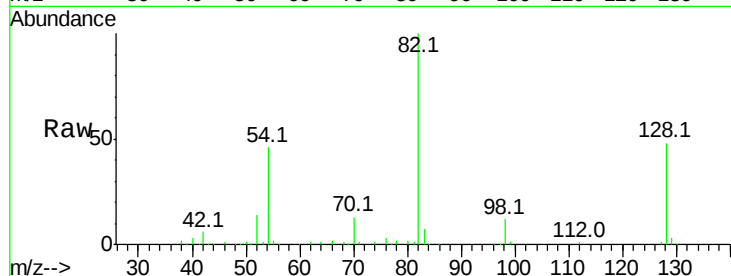
Tot Ion: 82 Resp: 462514

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

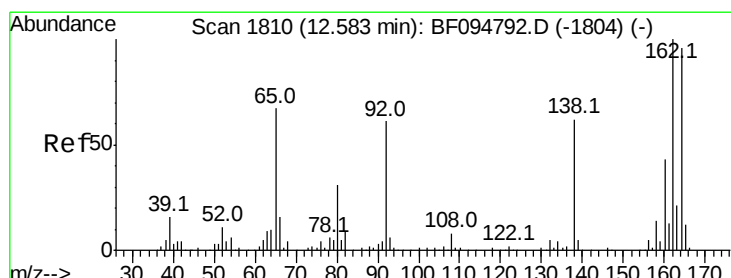
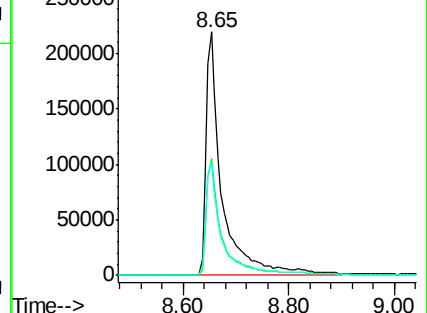
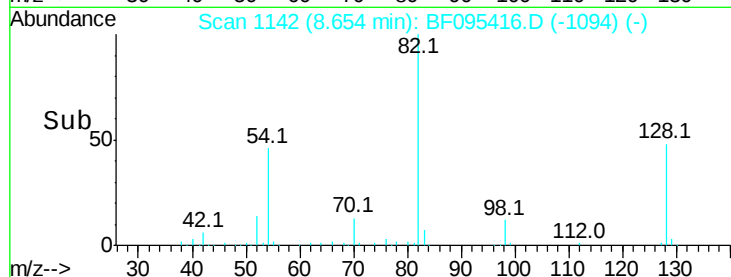
54 46.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

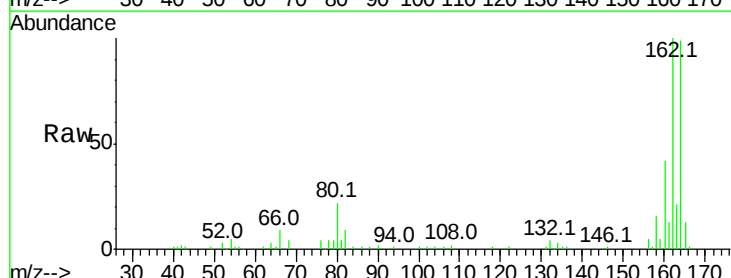
Tgt Ion:164 Resp: 116763

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

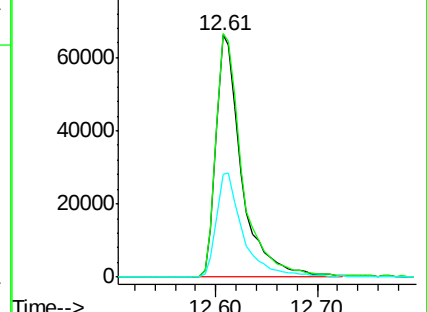
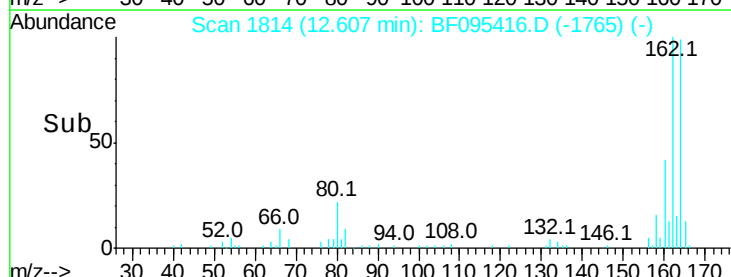
160 42.2 36.2 54.2



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

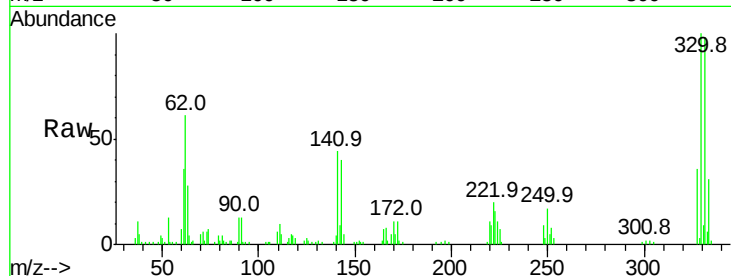




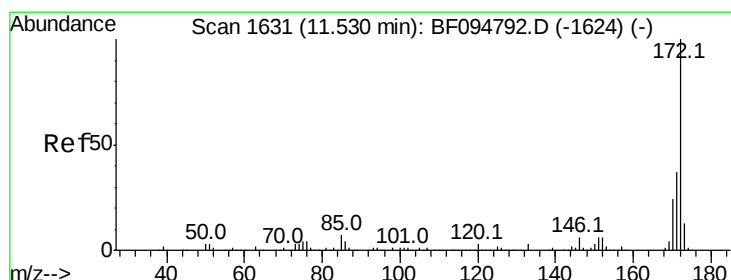
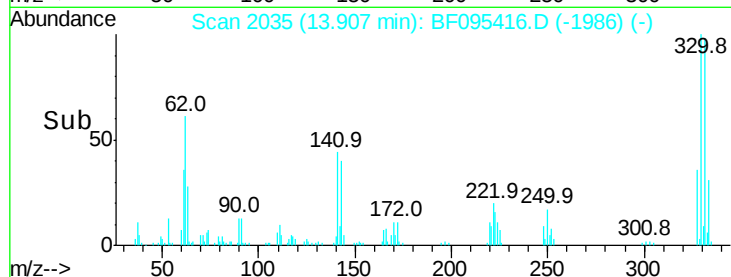
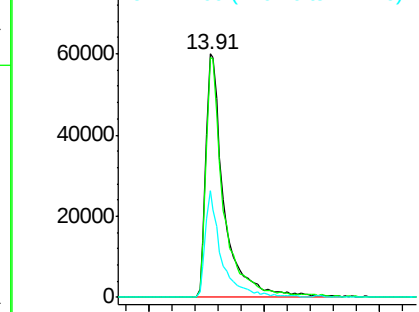
#41
 2,4,6-Tribromophenol
 Concen: 140.69 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095416.D
 Acq: 25 May 2017 9:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-5.5-6.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	115.0
141	38.0	31.4	47.2

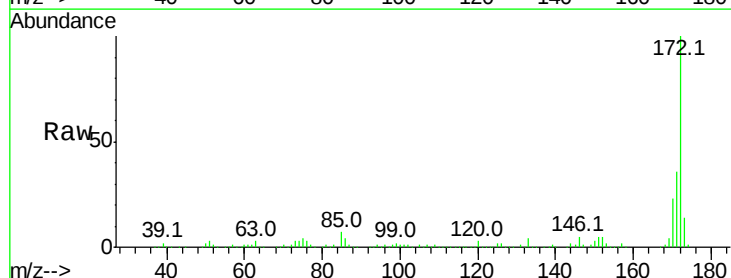


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

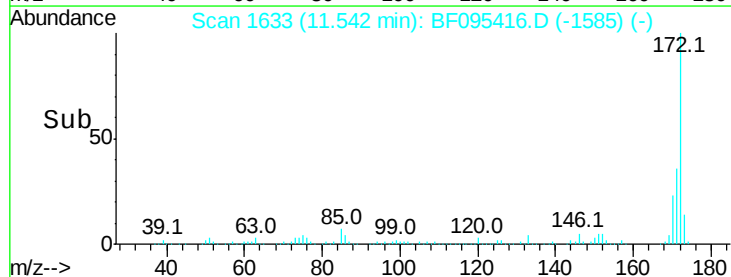
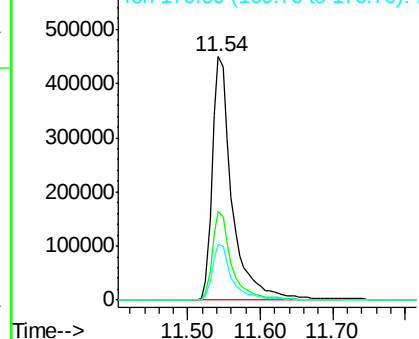


#44
 2-Fluorobiphenyl
 Concen: 106.02 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095416.D
 Acq: 25 May 2017 9:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	22.6	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: 12.34 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Instrument :

BNA_F

ClientSampleId :

SB-11-5.5-6.0

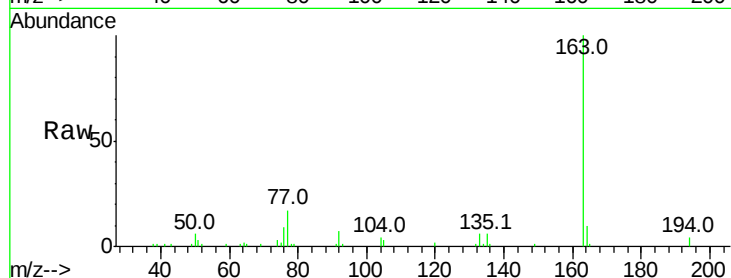
Tot Ion:163 Resp: 118309

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

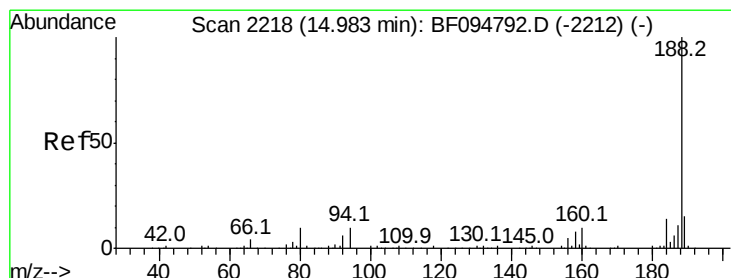
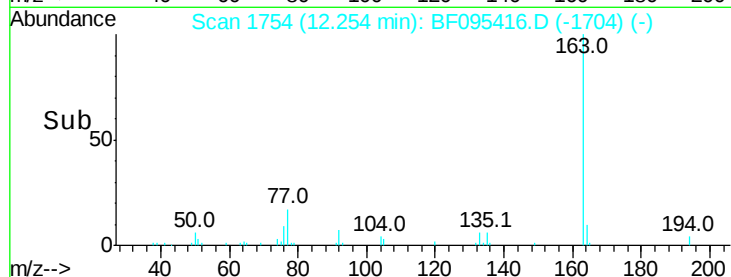
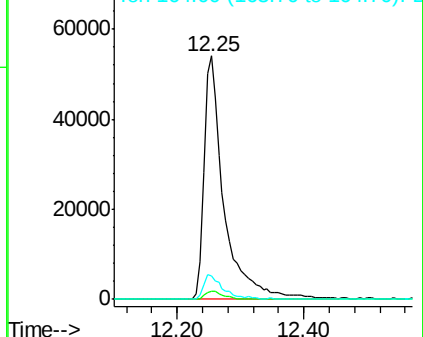
164 9.8 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

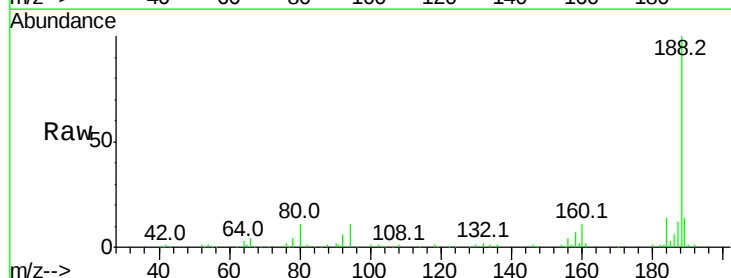
Tgt Ion:188 Resp: 192119

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

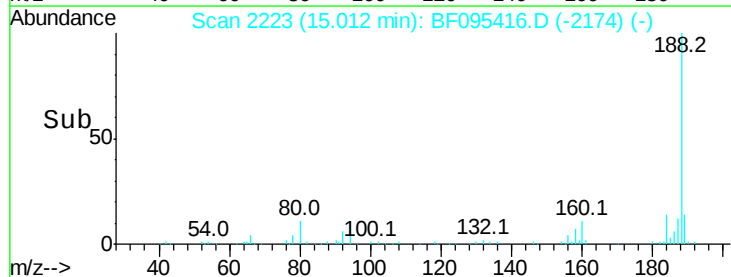
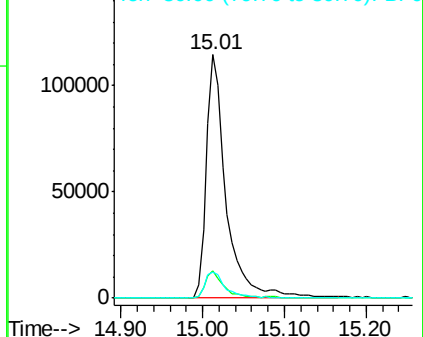
80 10.7 10.2 15.2



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: BF095416.D

Acq: 25 May 2017 9:21

Instrument :

BNA_F

ClientSampleId :

SB-11-5.5-6.0

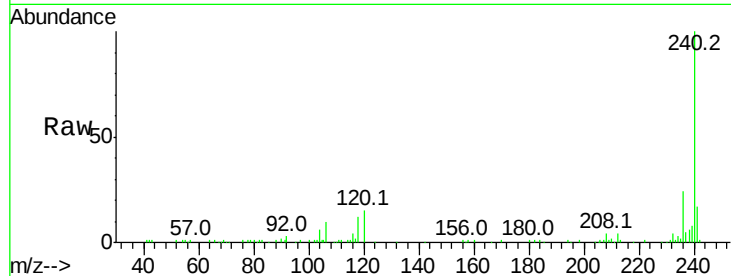
Tot Ion:240 Resp: 164068

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

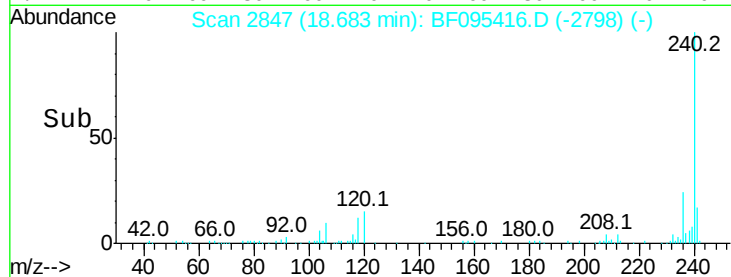
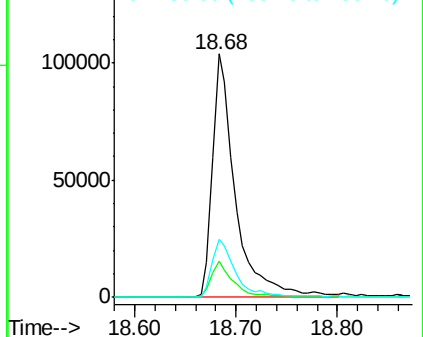
236 23.6 20.5 30.7



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: 84.41 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

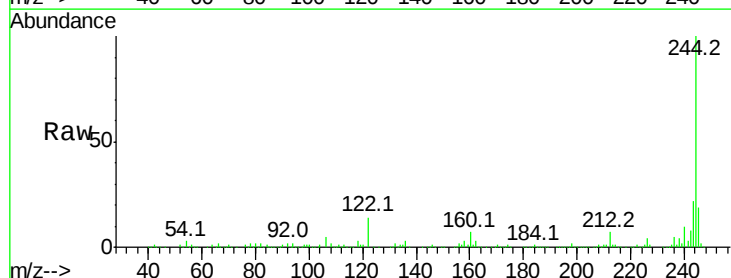
Tgt Ion:244 Resp: 628788

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

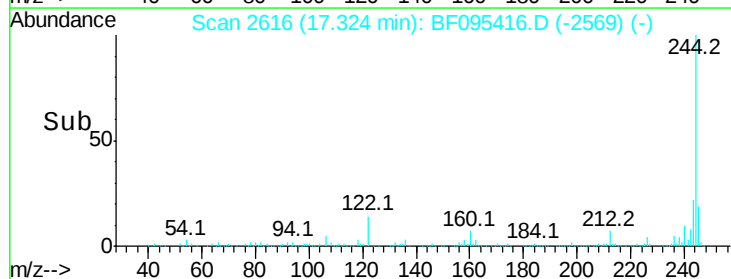
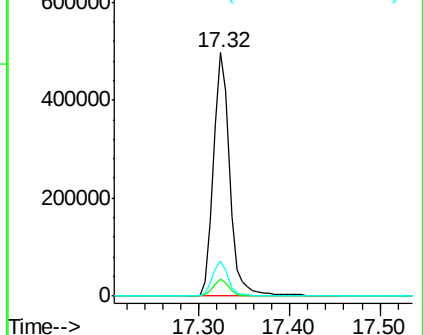
122 14.1 10.3 15.5

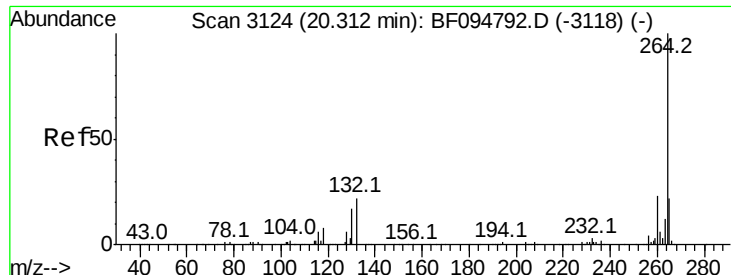


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

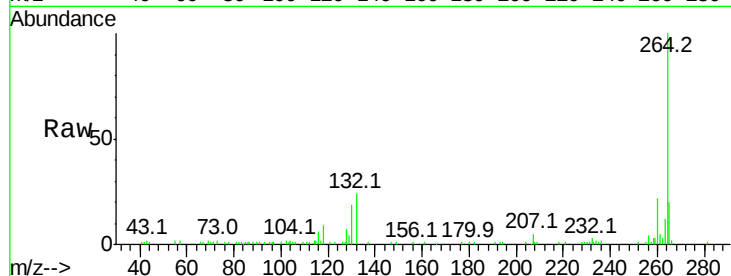




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095416.D
 Acq: 25 May 2017 9:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-5.5-6.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.0	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

