

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095417.D
 Acq On : 25 May 2017 9:53
 Operator : SJ/MA
 Sample : I3248-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-5.5-6.0

Quant Time: May 25 13:38:17 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

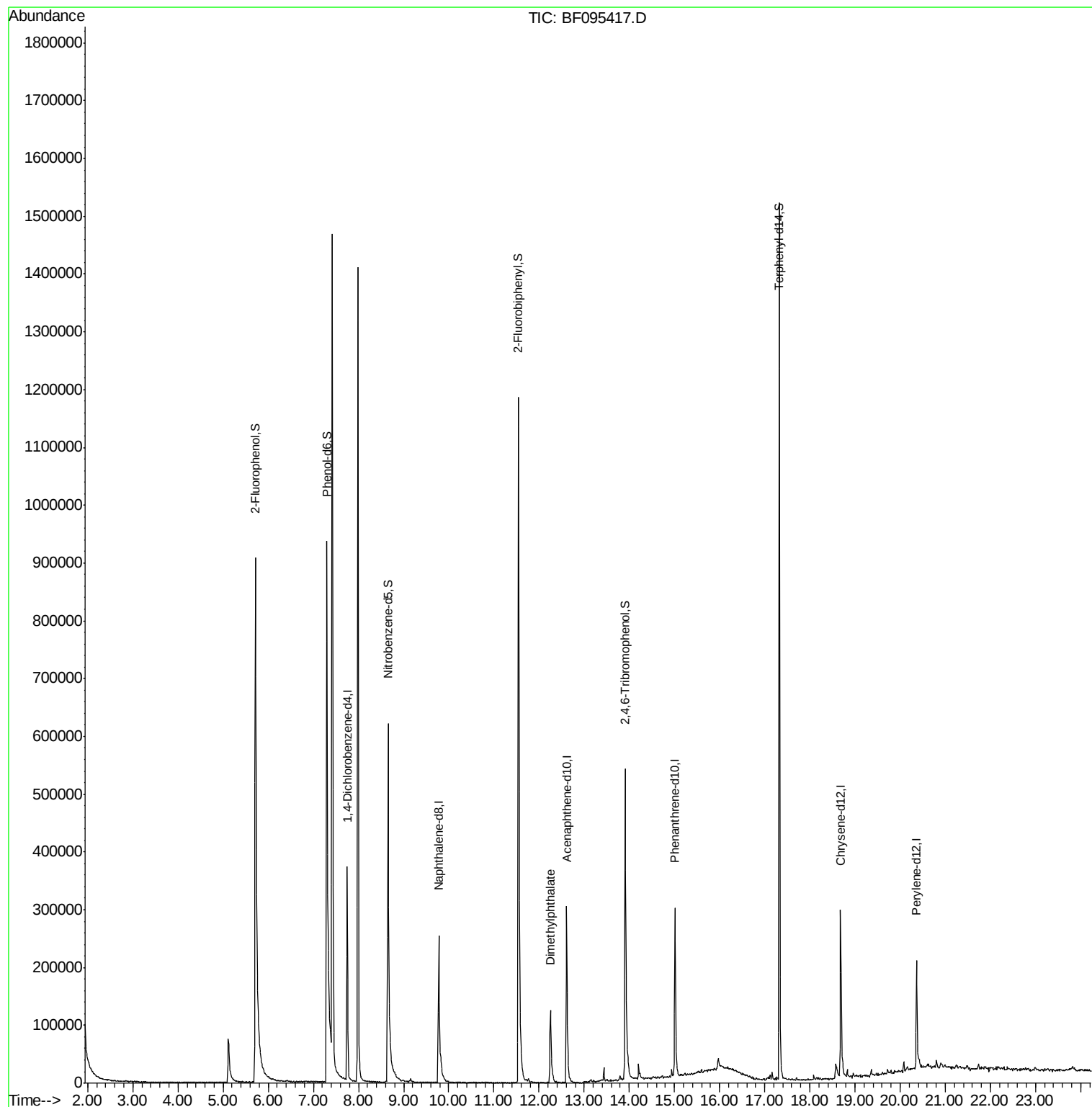
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	83797	20.00	ng	-0.02
21) Naphthalene-d8	9.78	136	309699	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	120143	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	202067	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	179222	20.00	ng	-0.01
86) Perylene-d12	20.37	264	109931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	732750	145.79	ng	-0.02
7) Phenol-d6	7.30	99	843777	139.92	ng	-0.02
23) Nitrobenzene-d5	8.65	82	437269	89.03	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	133727	135.91	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	821426	98.41	ng	-0.02
78) Terphenyl-d14	17.32	244	610940	75.08	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.25	163	140539	14.25	ng	Qvalue # 97

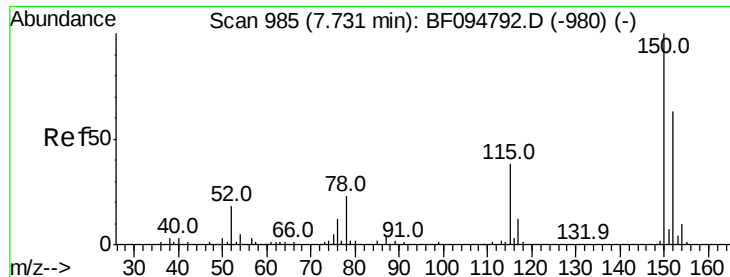
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF095417.D

Acq: 25 May 2017 9:53

Instrument :

BNA_F

ClientSampleId :

SB-12-5.5-6.0

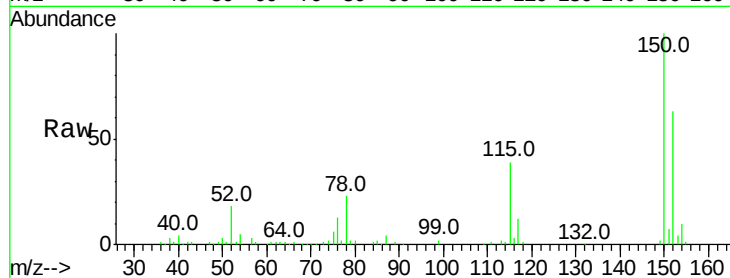
Tot Ion:152 Resp: 83797

Ion Ratio Lower Upper

152 100

150 159.5 126.2 189.2

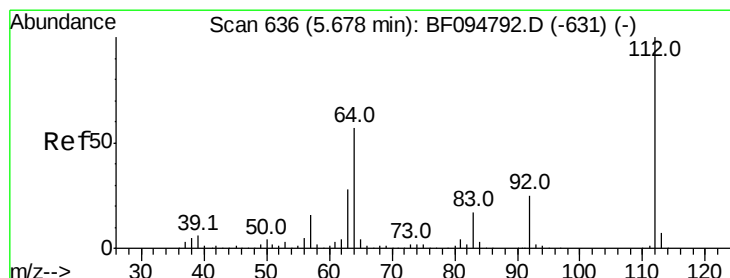
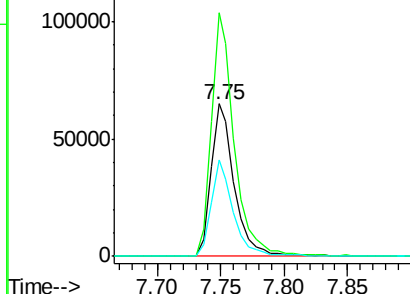
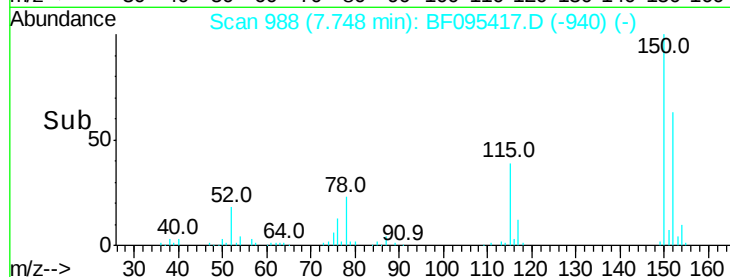
115 62.9 52.2 78.2



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: 145.79 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

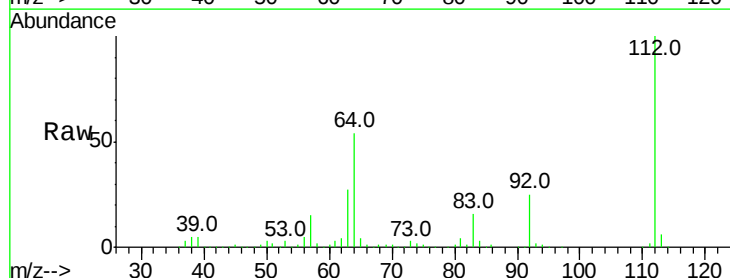
Tgt Ion:112 Resp: 732750

Ion Ratio Lower Upper

112 100

64 53.5 46.0 69.0

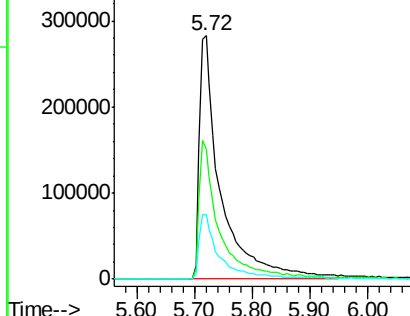
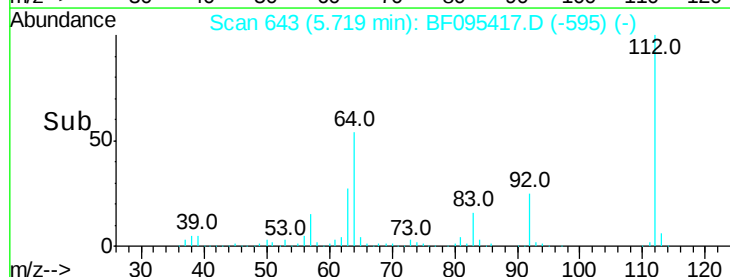
63 26.7 23.4 35.0



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: 139.92 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

Instrument :

BNA_F

ClientSampleId :

SB-12-5.5-6.0

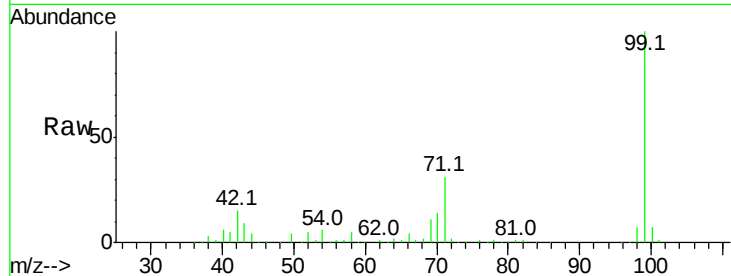
Tot Ion: 99 Resp: 843777

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

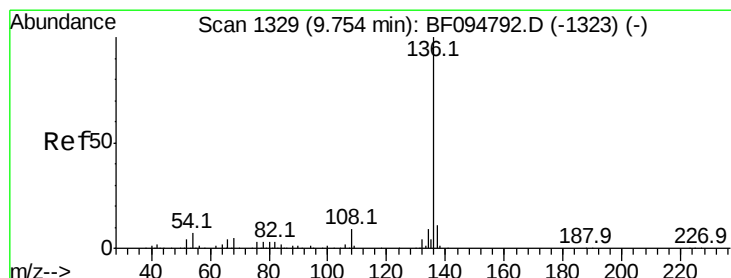
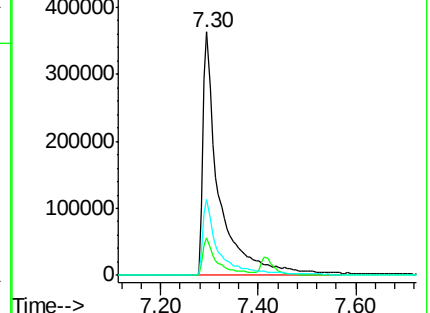
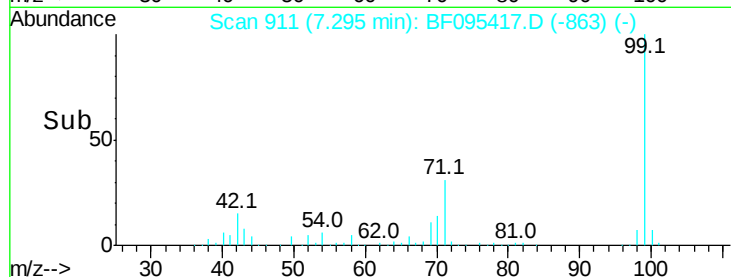
71 31.1 24.5 36.7



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: BF095417.D

Acq: 25 May 2017 9:53

Tgt Ion: 136 Resp: 309699

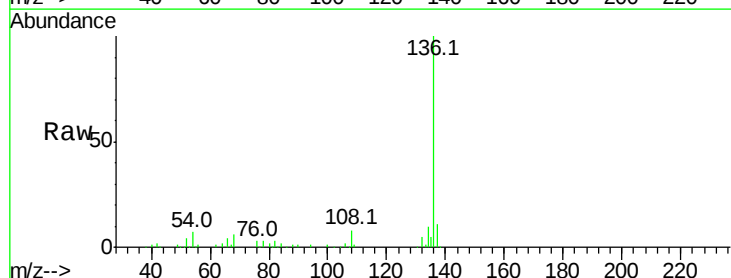
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.9 4.1 6.1

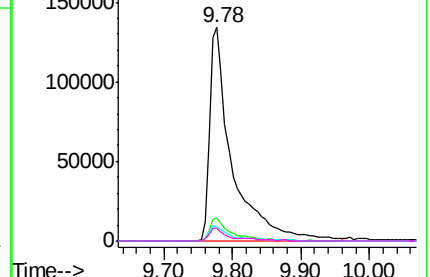
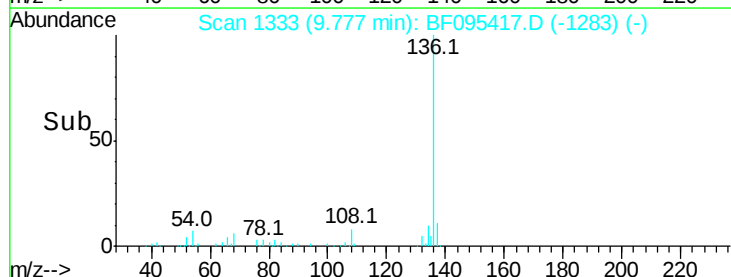


Abundance Ion 136.00 (135.70 to 136.70): E

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

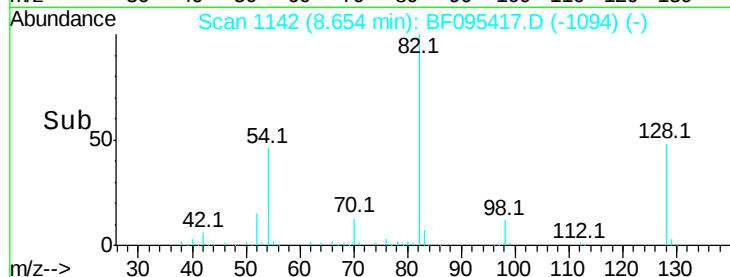
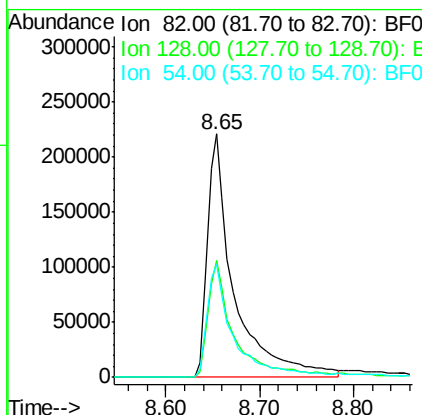
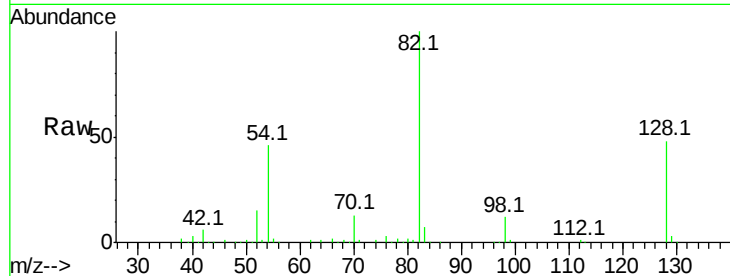




#23
 Nitrobenzene-d5
 Concen: 89.03 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

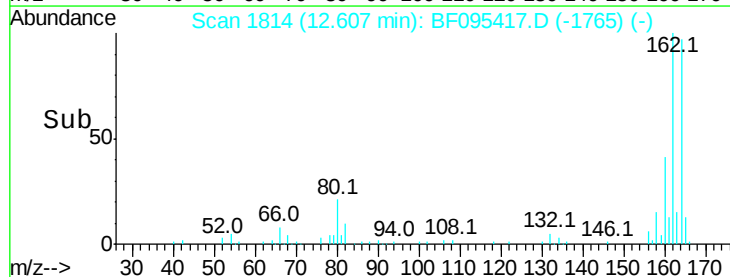
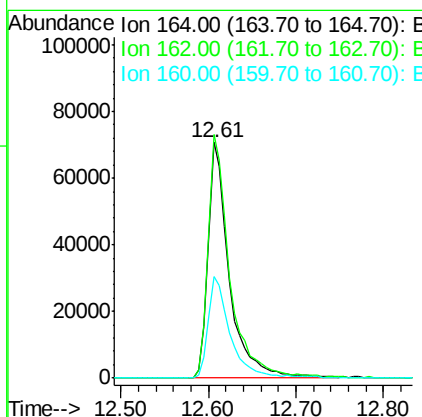
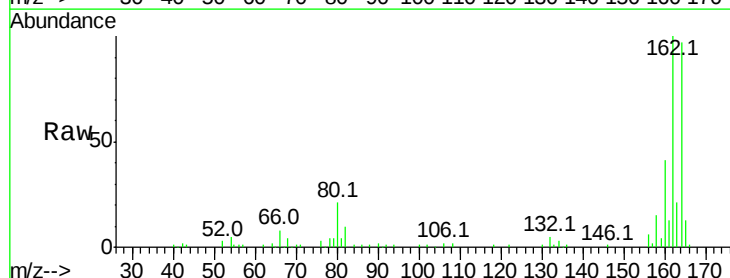
Instrument :
 BNA_F
 ClientSampleId :
 SB-12-5.5-6.0

Tot Ion	82	Resp	437269
Ion Ratio	100	Lower	Upper
128	47.9	34.0	51.0
54	46.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

Tgt Ion	164	Resp	120143
Ion Ratio	100	Lower	Upper
162	103.3	82.6	123.8
160	42.9	36.2	54.2

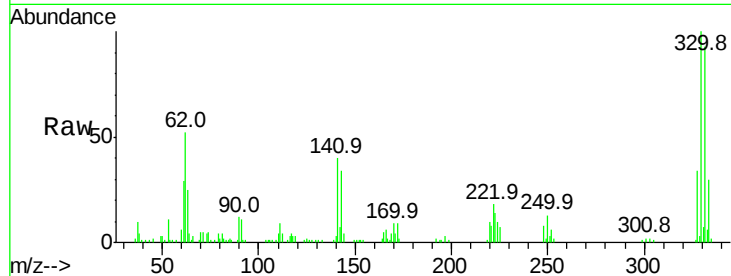




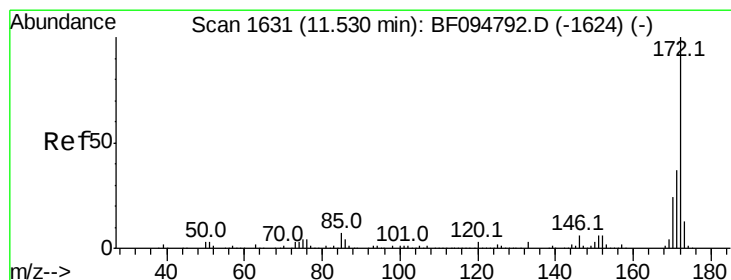
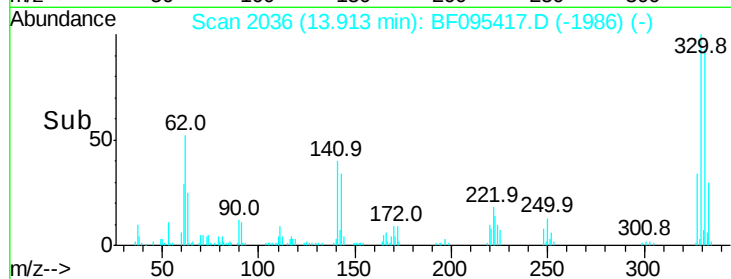
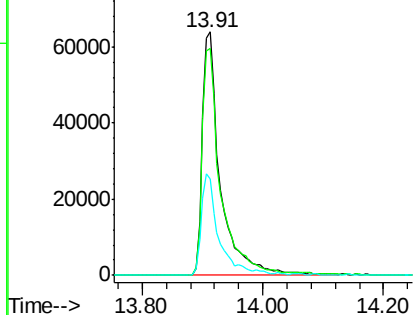
#41
 2,4,6-Tribromophenol
 Concen: 135.91 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-5.5-6.0

Tot Ion:330 Resp: 133727
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 115.0
 141 40.1 31.4 47.2

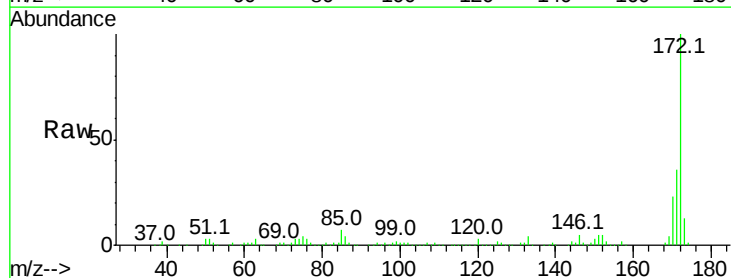


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

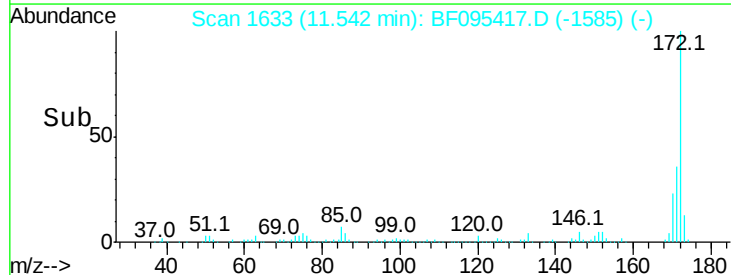
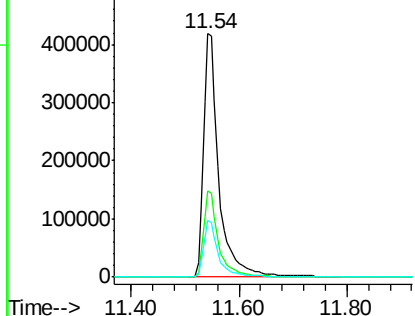


#44
 2-Fluorobiphenyl
 Concen: 98.41 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

Tgt Ion:172 Resp: 821426
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.4 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: 14.25 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

Instrument :

BNA_F

ClientSampleId :

SB-12-5.5-6.0

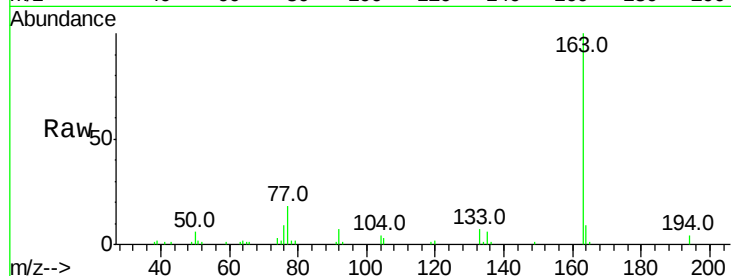
Tot Ion:163 Resp: 140539

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

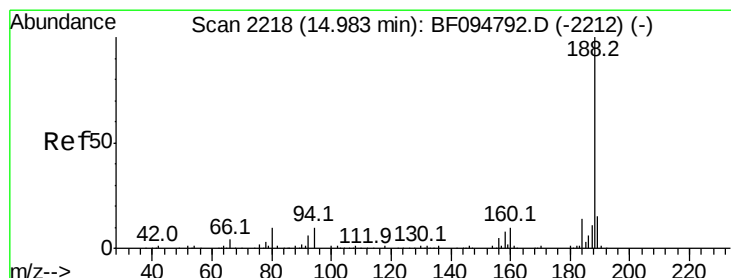
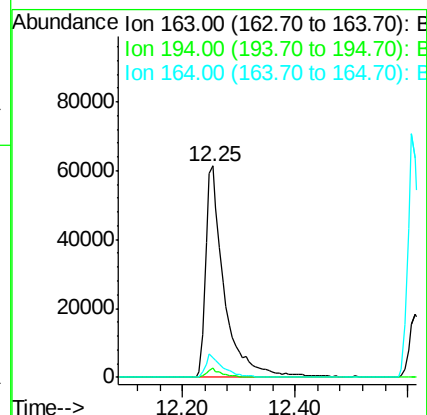
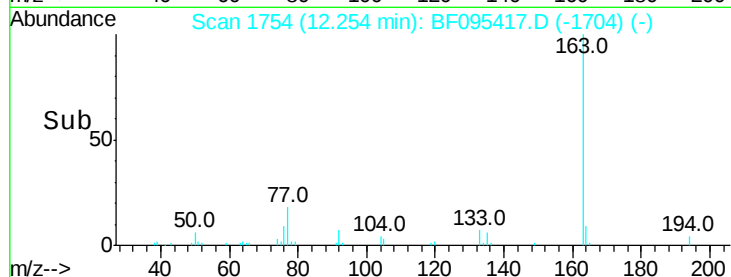
164 9.4 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

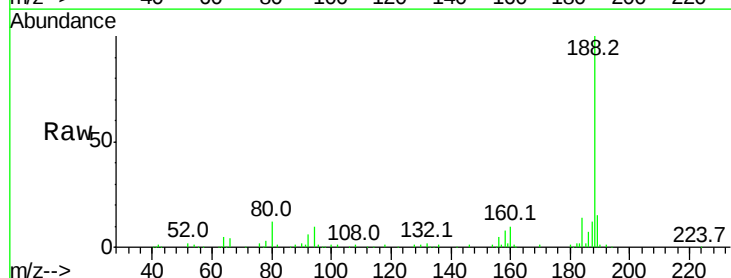
Tgt Ion:188 Resp: 202067

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

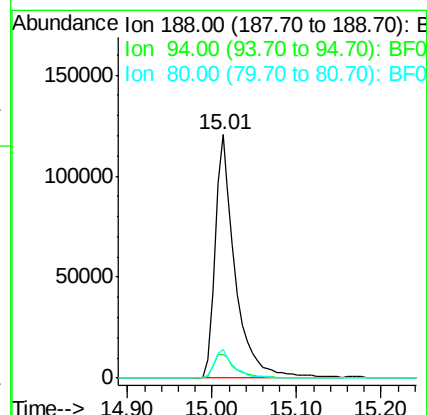
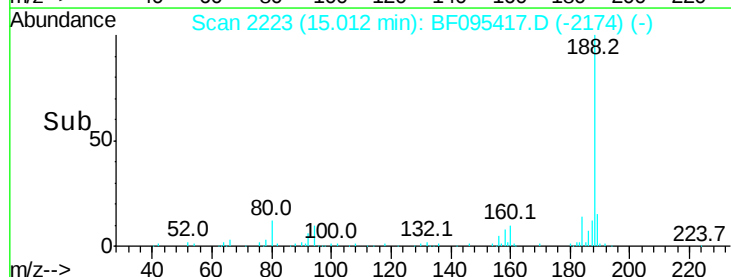
80 11.5 10.2 15.2



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: BF095417.D

Acq: 25 May 2017 9:53

Instrument :

BNA_F

ClientSampleId :

SB-12-5.5-6.0

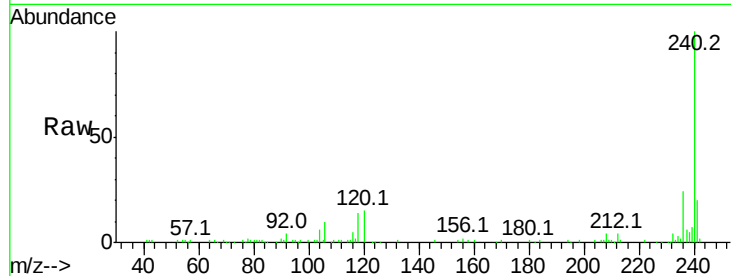
Tot Ion:240 Resp: 179222

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

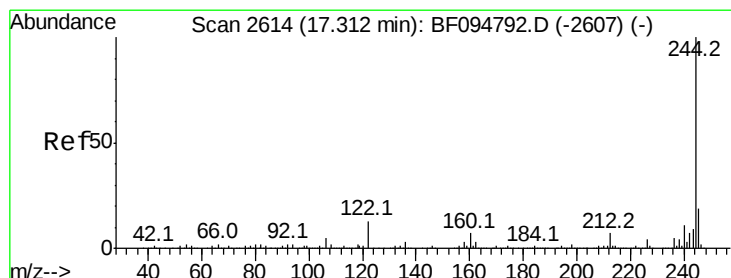
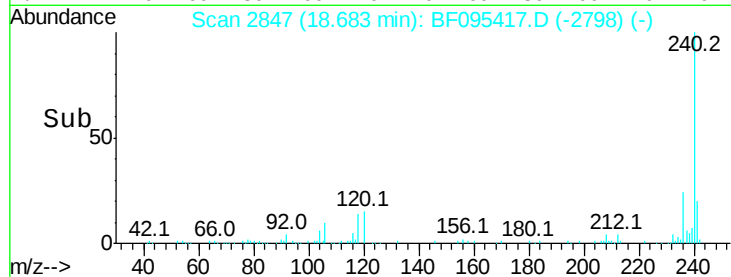
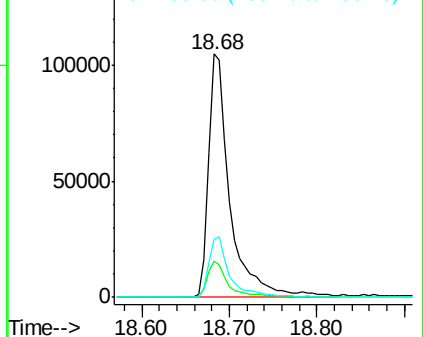
236 24.0 20.5 30.7



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: 75.08 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095417.D

Acq: 25 May 2017 9:53

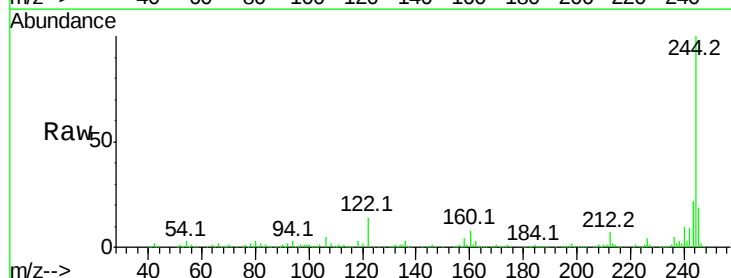
Tgt Ion:244 Resp: 610940

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

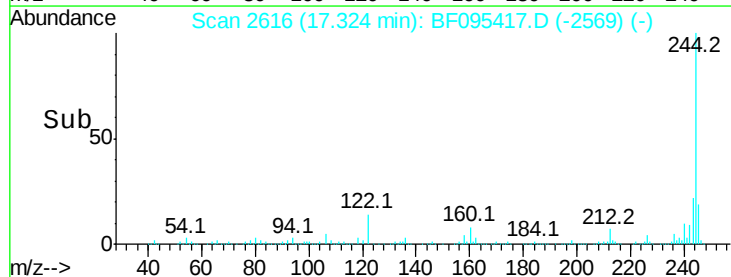
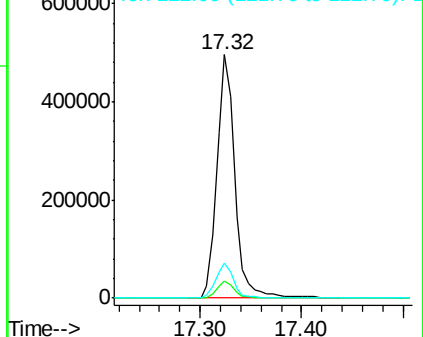
122 14.5 10.3 15.5

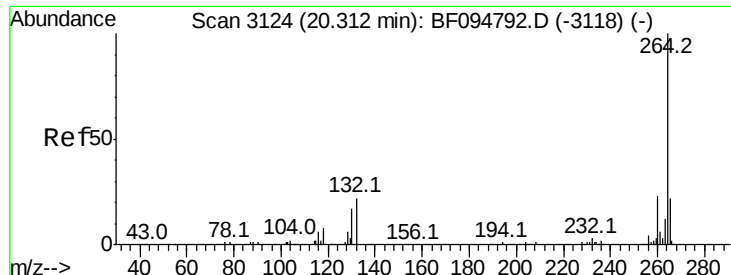


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

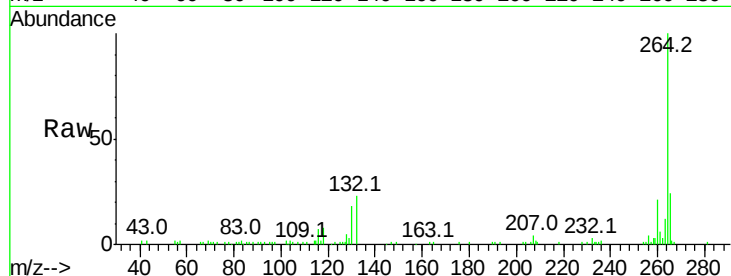




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095417.D
 Acq: 25 May 2017 9:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-5.5-6.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.5	29.3
265	23.9	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

