

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095121.D
 Acq On : 12 May 2017 20:07
 Operator : SJ/MA
 Sample : I3124-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C91516-COMP

Quant Time: May 13 01:20:40 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

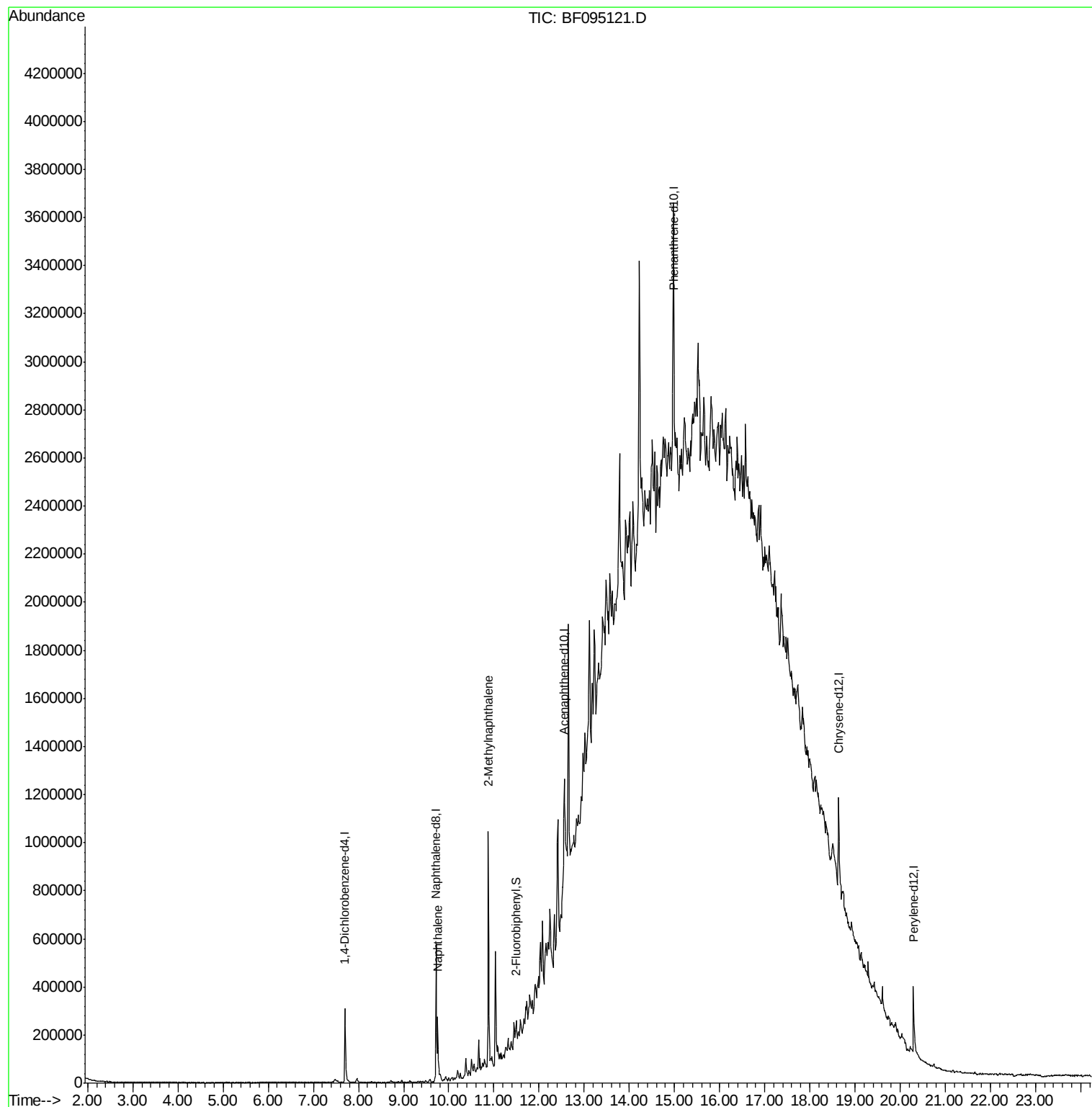
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	86081	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	372078	20.00	ng	-0.04
38) Acenaphthene-d10	12.55	164	155727	20.00	ng	-0.03
63) Phenanthrene-d10	14.98	188	216561	20.00	ng	0.00
75) Chrysene-d12	18.64	240	204071	20.00	ng	-0.02
86) Perylene-d12	20.30	264	170867	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	3491	0.68	ng	0.16
7) Phenol-d6	7.44	99	4577	0.74	ng	0.16
23) Nitrobenzene-d5	8.71	82	7045	1.19	ng	0.08
41) 2,4,6-Tribromophenol	13.91	330	1096	0.86	ng	0.02
44) 2-Fluorobiphenyl	11.50	172	24863	2.30	ng	-0.03
78) Terphenyl-d14	17.30	244	17638	1.90	ng	-0.01
Target Compounds						
31) Naphthalene	9.75	128	208134	11.13	ng	98
37) 2-Methylnaphthalene	10.88	142	410455	33.44	ng	98

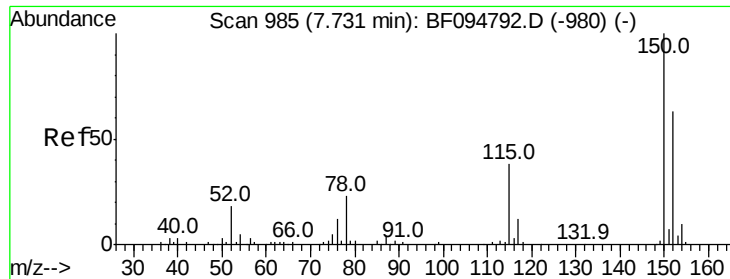
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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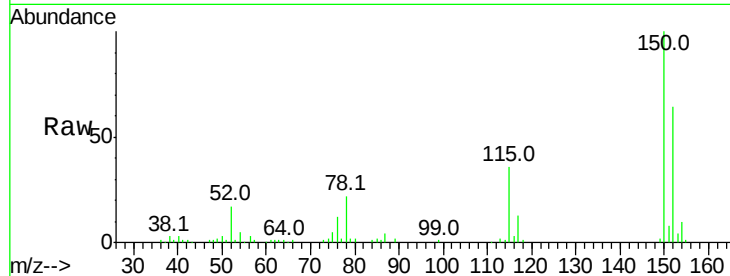


#1

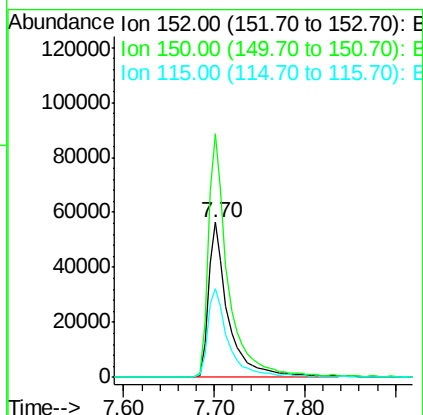
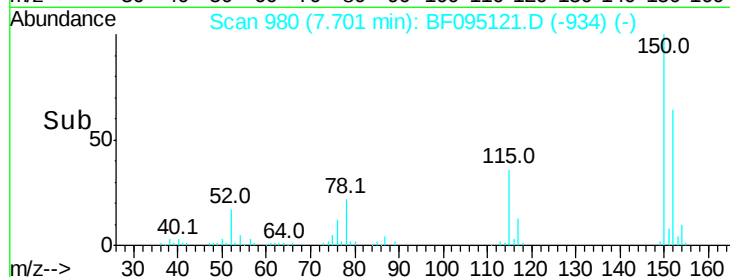
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :
C91516-COMP

Tot Ion:152 Resp: 86081
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 57.1 52.2 78.2



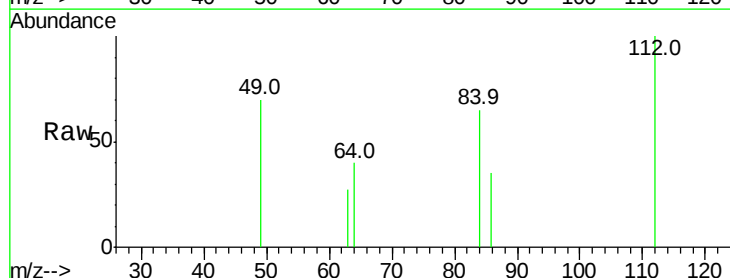
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



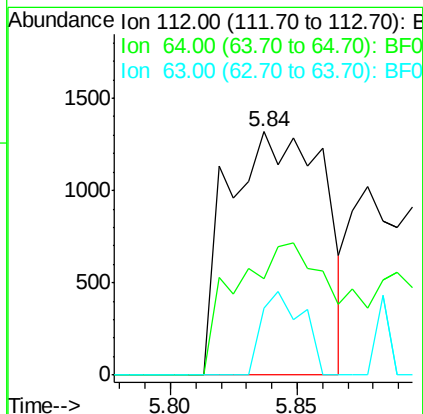
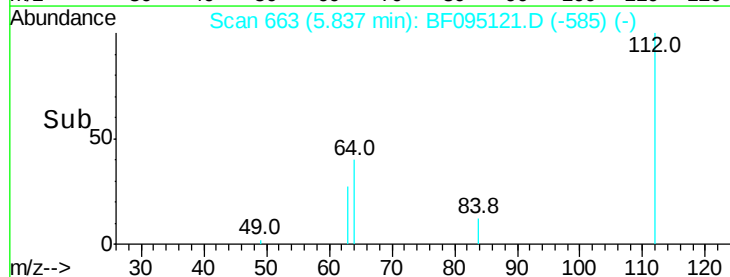
#5

2-Fluorophenol
Concen: 0.68 ng
RT: 5.84 min Scan# 663
Delta R.T. 0.16 min
Lab File: BF095121.D
Acq: 12 May 2017 20:07

Tgt Ion:112 Resp: 3491
Ion Ratio Lower Upper
112 100
64 39.7 46.0 69.0#
63 27.3 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: 0.74 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.16 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

Instrument :

BNA_F

ClientSampleId :

C91516-COMP

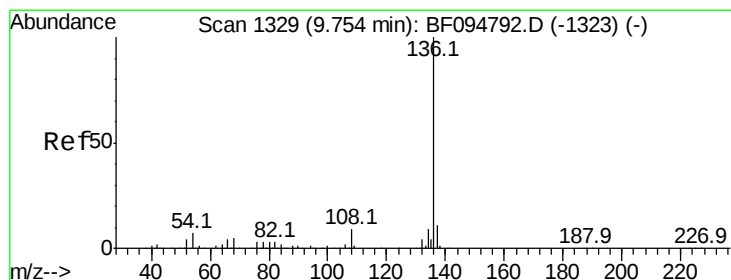
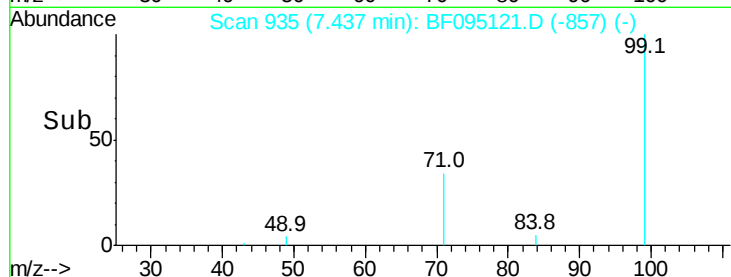
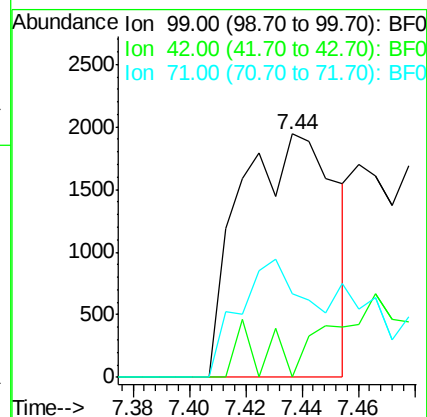
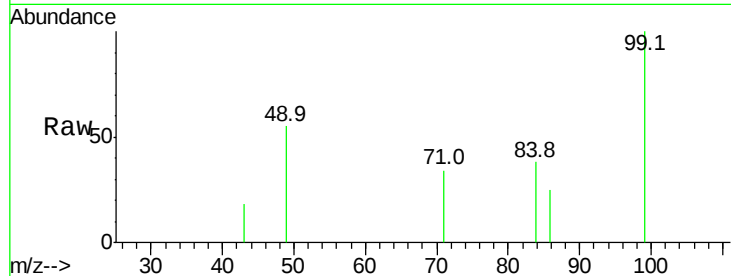
Tot Ion: 99 Resp: 4577

Ion Ratio Lower Upper

99 100

42 0.0 13.5 20.3#

71 34.4 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

Tgt Ion: 136 Resp: 372078

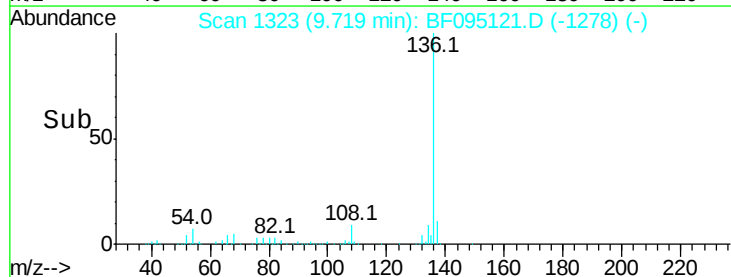
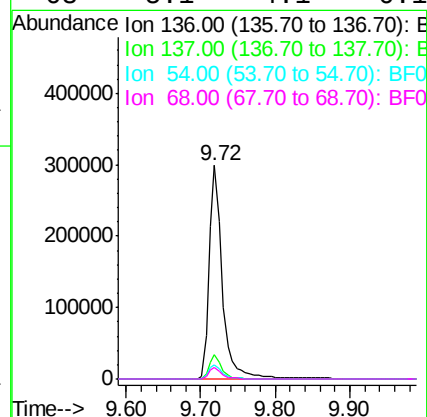
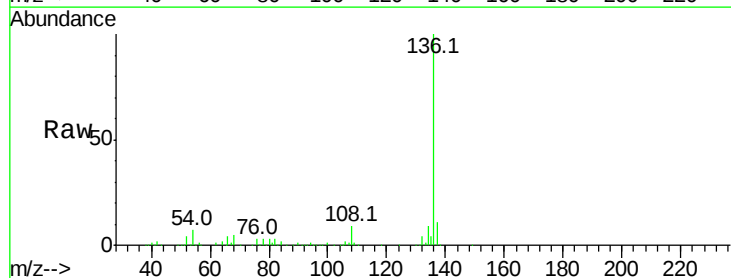
Ion Ratio Lower Upper

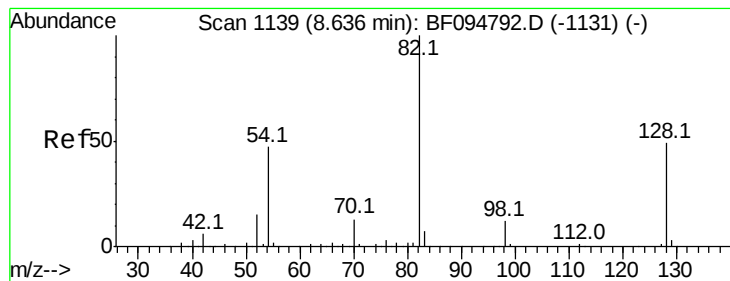
136 100

137 11.2 8.5 12.7

54 6.7 4.9 7.3

68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 1.19 ng

RT: 8.71 min Scan# 1152

Delta R.T. 0.08 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

Instrument :

BNA_F

ClientSampleId :

C91516-COMP

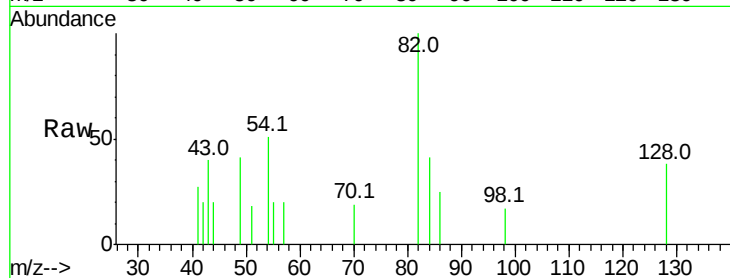
Tot Ion: 82 Resp: 7045

Ion Ratio Lower Upper

82 100

128 38.2 34.0 51.0

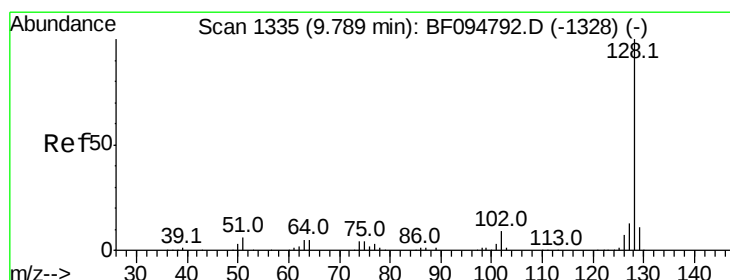
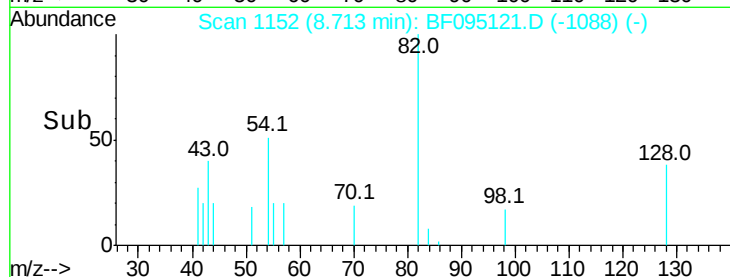
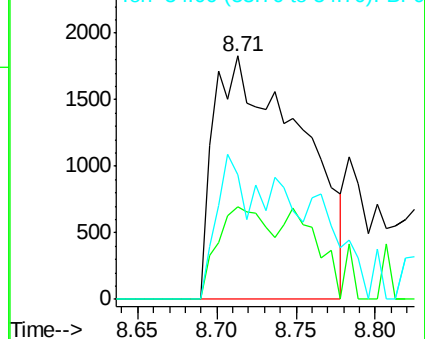
54 51.0 42.2 63.2



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



#31

Naphthalene

Concen: 11.13 ng

RT: 9.75 min Scan# 1329

Delta R.T. -0.04 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

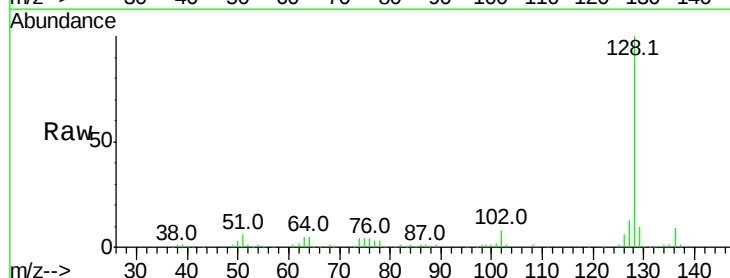
Tgt Ion: 128 Resp: 208134

Ion Ratio Lower Upper

128 100

129 10.1 9.0 13.6

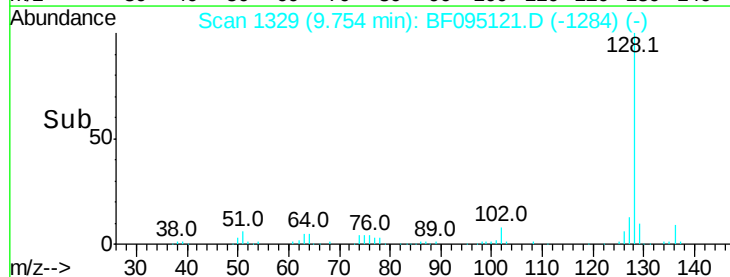
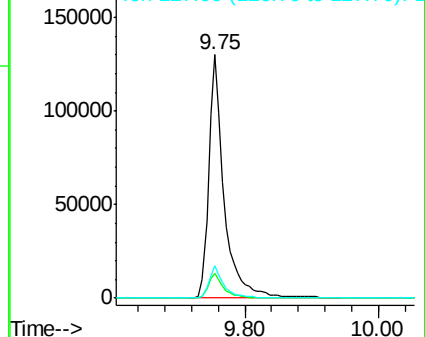
127 13.3 10.8 16.2

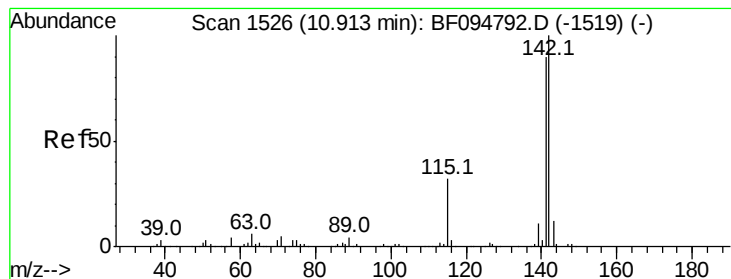


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 33.44 ng

RT: 10.88 min Scan# 1520

Delta R.T. -0.04 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

Instrument :

BNA_F

ClientSampleId :

C91516-COMP

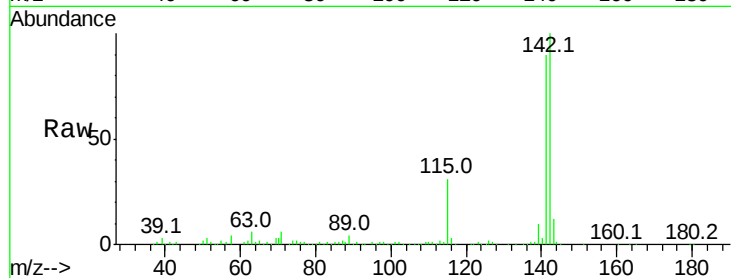
Tot Ion:142 Resp: 410455

Ion Ratio Lower Upper

142 100

141 90.3 71.3 106.9

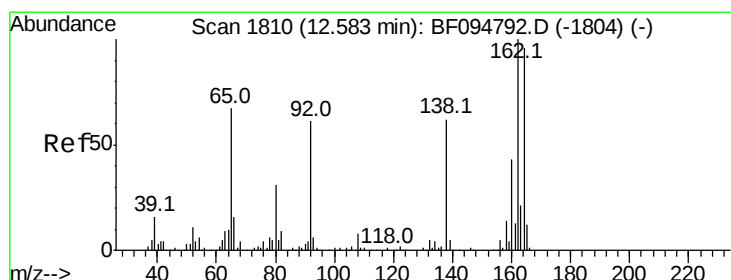
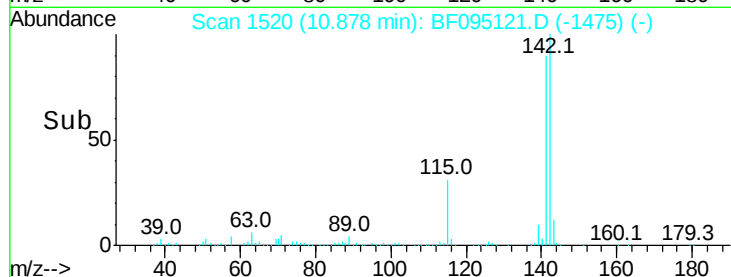
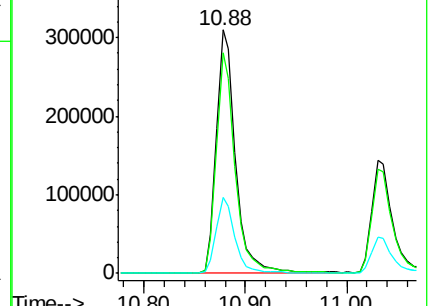
115 31.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1805

Delta R.T. -0.03 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

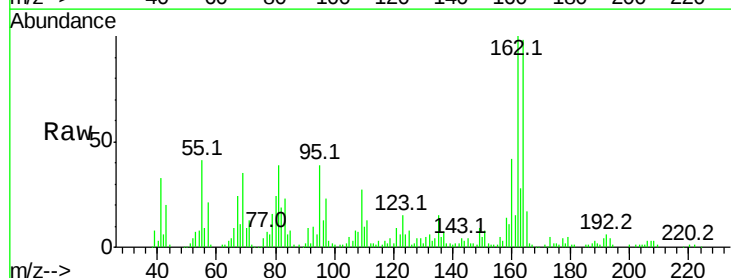
Tgt Ion:164 Resp: 155727

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

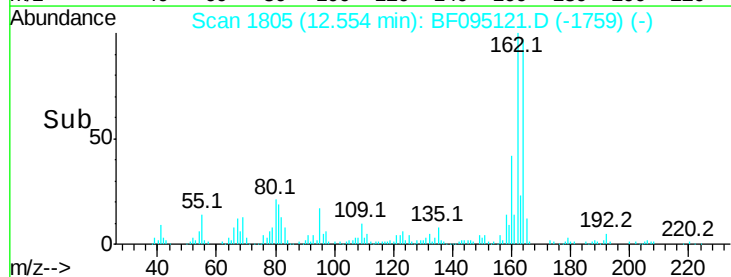
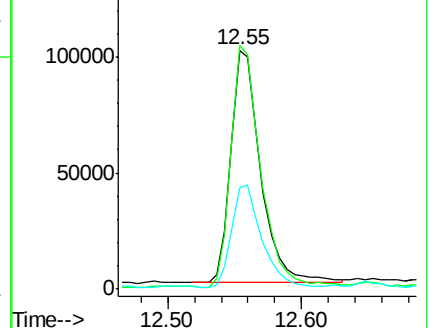
160 42.7 36.2 54.2



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

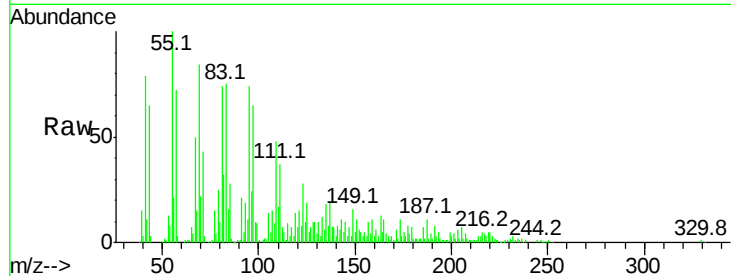




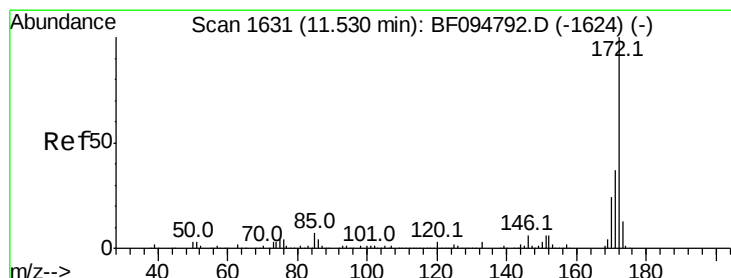
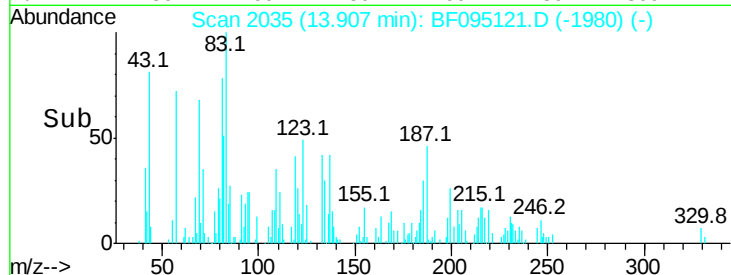
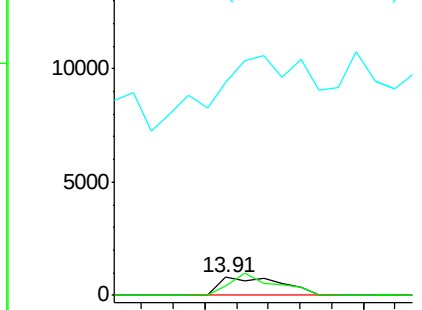
#41
 2,4,6-Tribromophenol
 Concen: 0.86 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. 0.02 min
 Lab File: BF095121.D
 Acq: 12 May 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 C91516-COMP

Tot Ion:330 Resp: 1096
 Ion Ratio Lower Upper
 330 100
 332 86.7 76.6 115.0
 141 613.7 31.4 47.2#

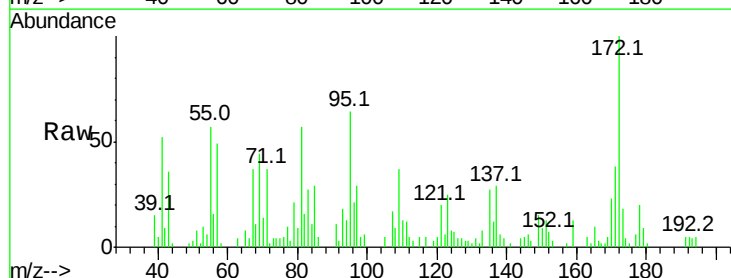


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

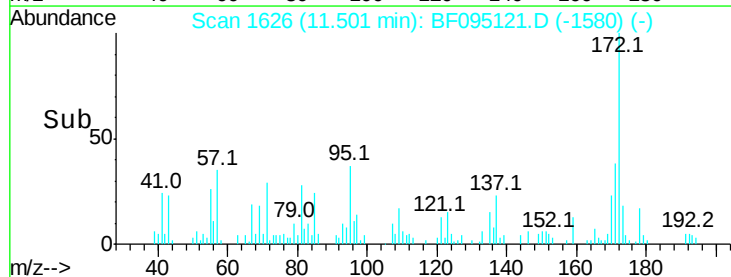
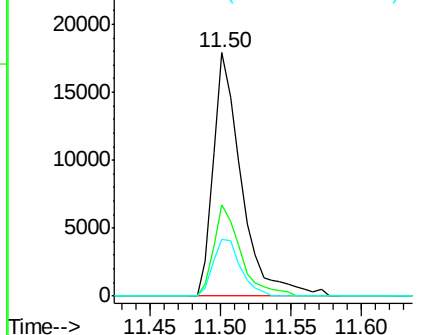


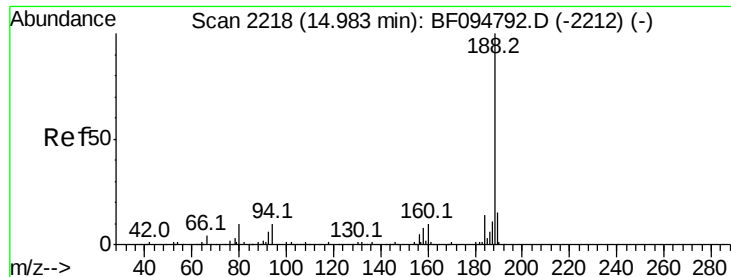
#44
 2-Fluorobiphenyl
 Concen: 2.30 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095121.D
 Acq: 12 May 2017 20:07

Tgt Ion:172 Resp: 24863
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.6 44.4
 170 23.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.98 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

Instrument :

BNA_F

ClientSampleId :

C91516-COMP

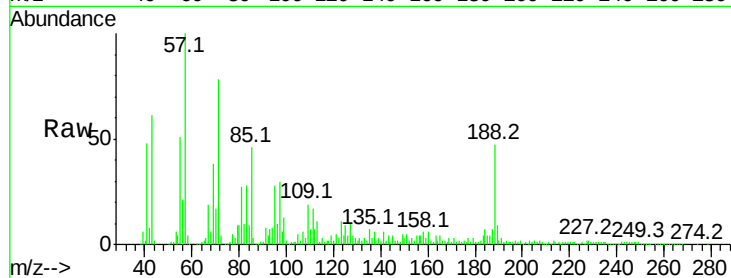
Tot Ion:188 Resp: 216561

Ion Ratio Lower Upper

188 100

94 17.9 9.4 14.2#

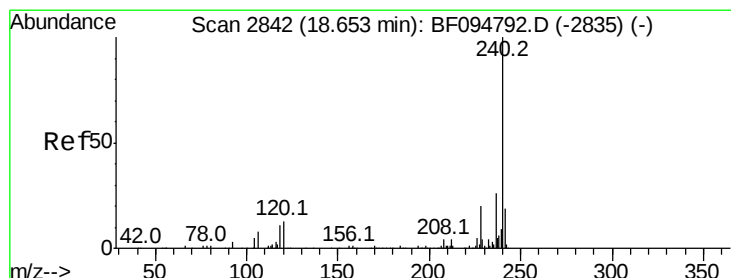
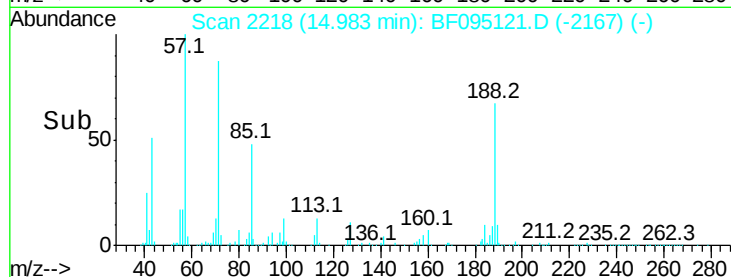
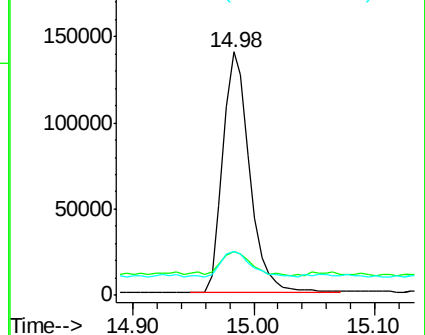
80 18.2 10.2 15.2#



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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

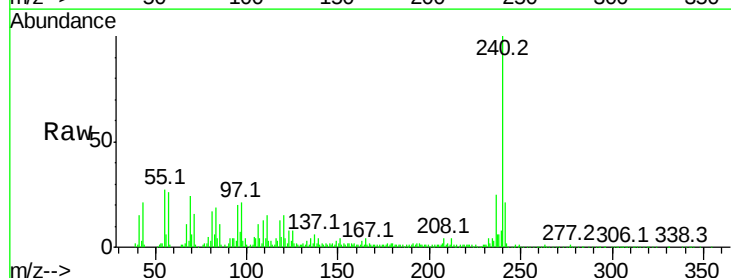
Tgt Ion:240 Resp: 204071

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

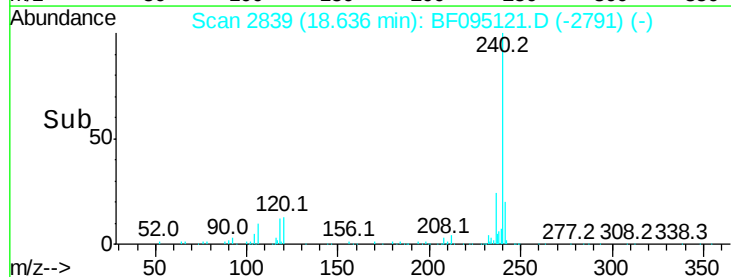
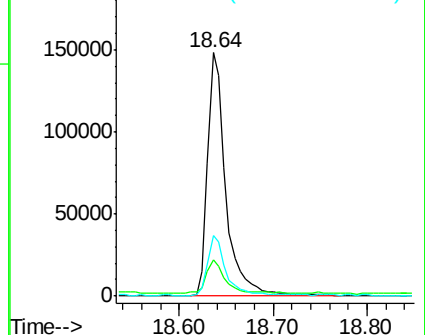
236 25.0 20.5 30.7

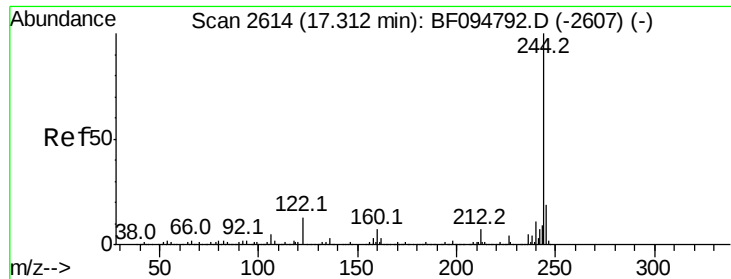


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.90 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

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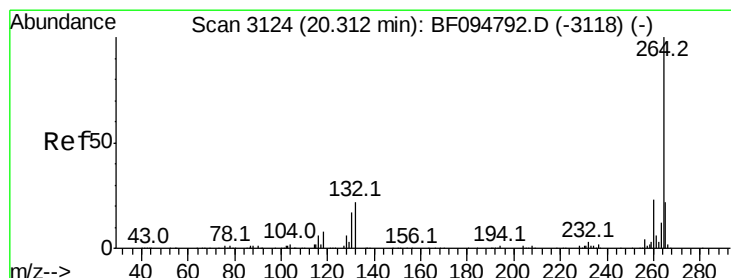
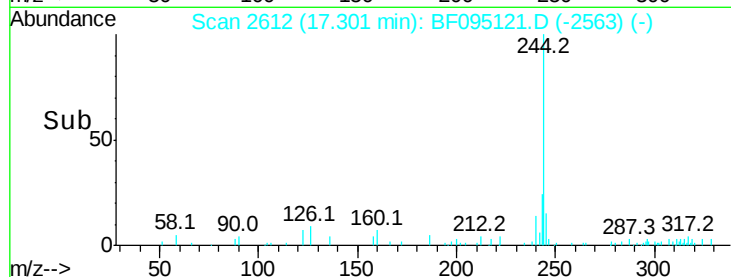
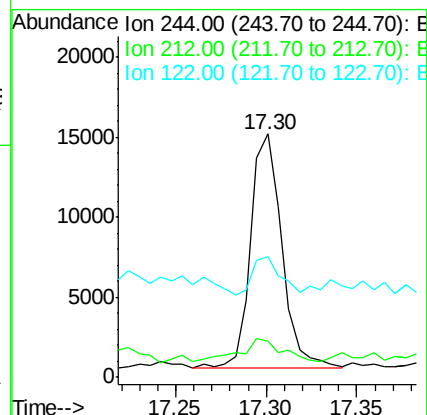
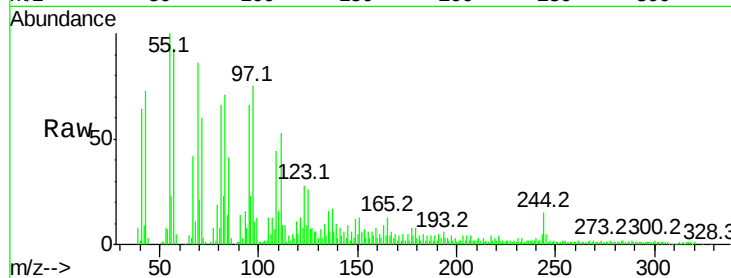
Tot Ion:244 Resp: 17638

Ion Ratio Lower Upper

244 100

212 14.7 6.0 9.0#

122 49.5 10.3 15.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF095121.D

Acq: 12 May 2017 20:07

Tgt Ion:264 Resp: 170867

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.1 17.2 25.8

