

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095206.D
 Acq On : 18 May 2017 2:34
 Operator : SJ/MA
 Sample : I3184-05 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:36:34 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

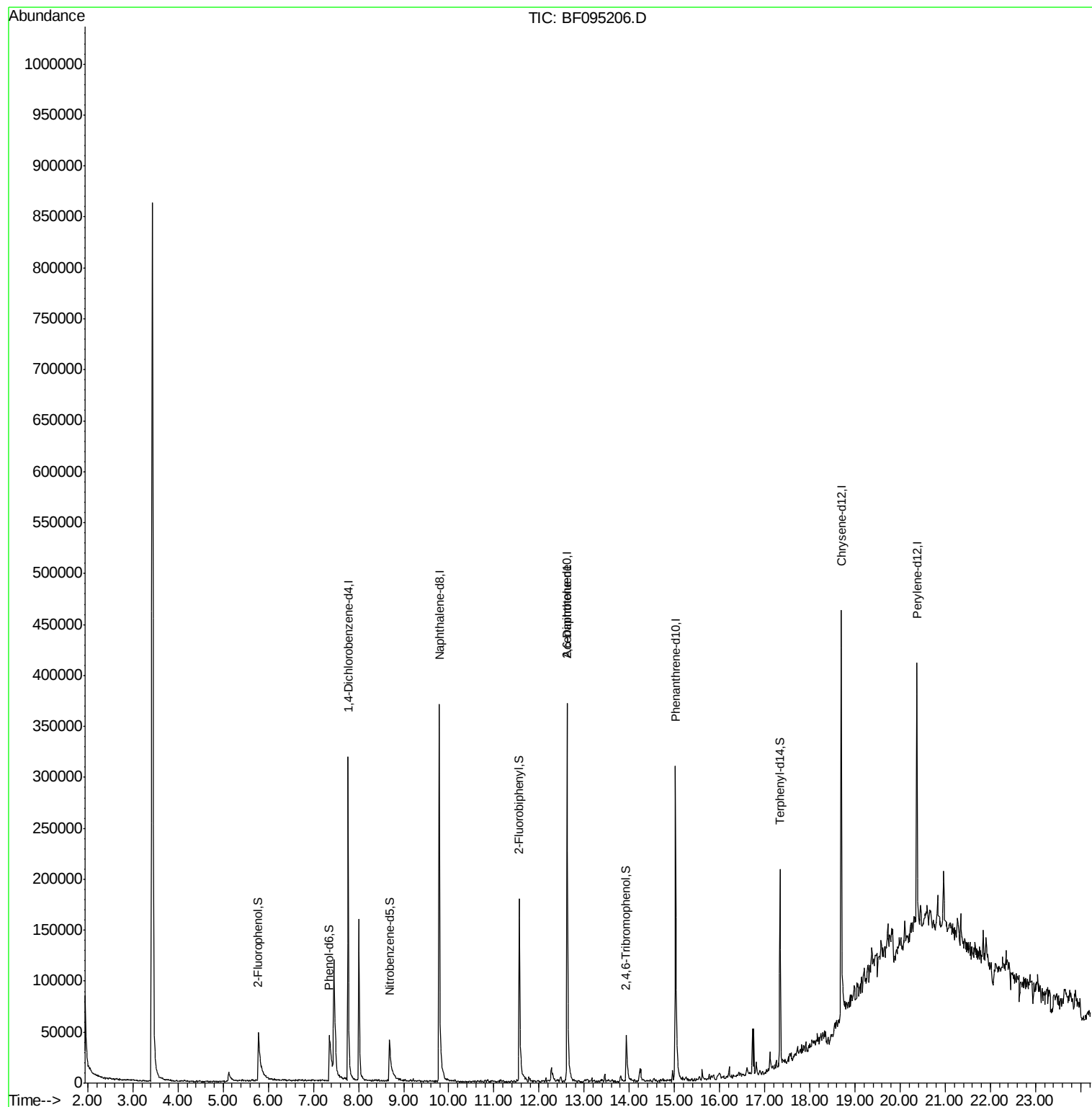
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	80094	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	325273	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	132089	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	202809	20.00	ng	0.04
75) Chrysene-d12	18.69	240	191871	20.00	ng	0.04
86) Perylene-d12	20.37	264	129628	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	67973	14.15	ng	0.11
7) Phenol-d6	7.35	99	84474	14.66	ng	0.08
23) Nitrobenzene-d5	8.69	82	53184	10.31	ng	0.05
41) 2,4,6-Tribromophenol	13.94	330	14038	12.98	ng	0.05
44) 2-Fluorobiphenyl	11.56	172	121190	13.21	ng	0.03
78) Terphenyl-d14	17.34	244	86150	9.89	ng	0.03
Target Compounds						
50) 2,6-Dinitrotoluene	12.62	165	10867	4.91	ng	Qvalue # 31

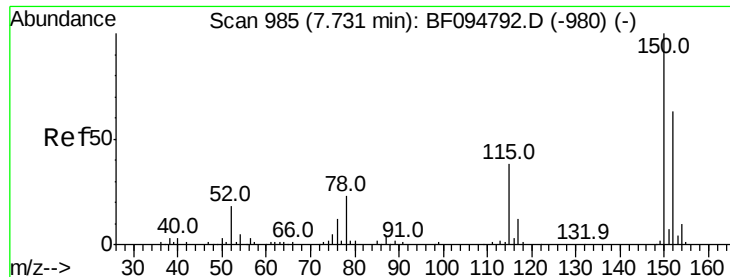
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF095206.D
Acq On : 18 May 2017 2:34
Operator : SJ/MA
Sample : I3184-05 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 18 04:36:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



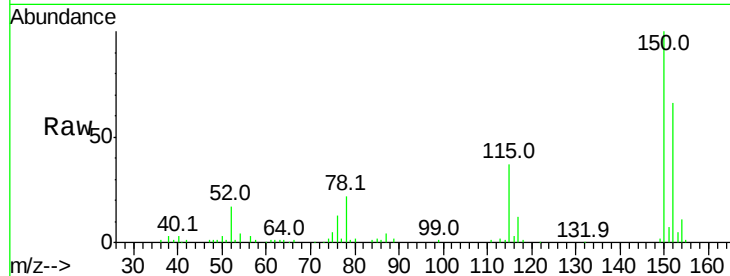


#1

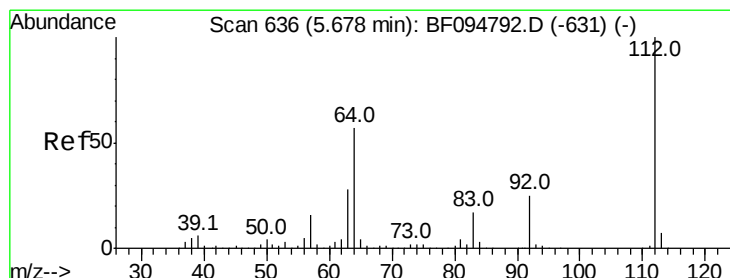
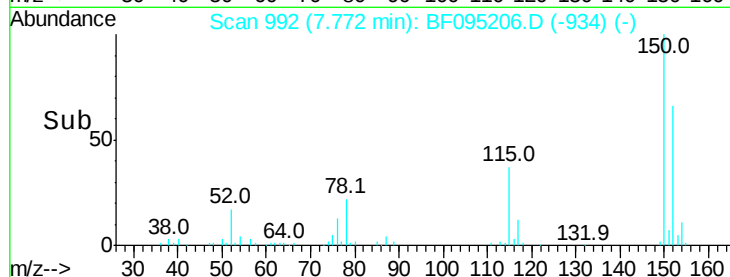
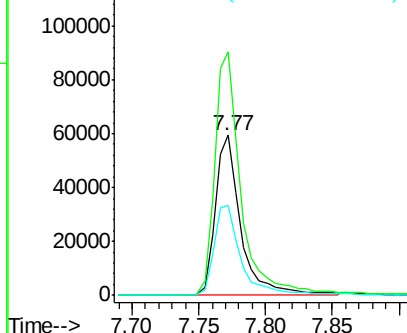
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095206.D
Acq: 18 May 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80094
Ion Ratio Lower Upper
152 100
150 152.2 126.2 189.2
115 55.9 52.2 78.2



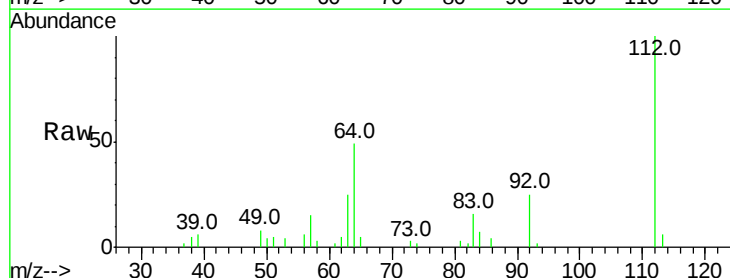
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



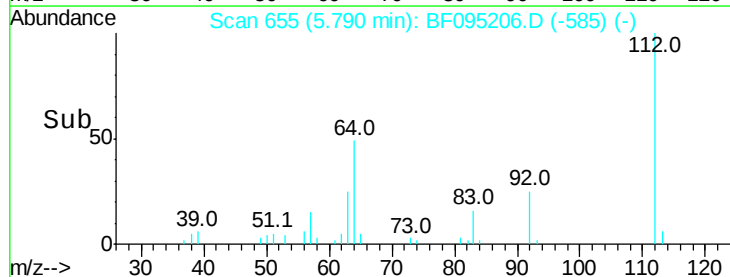
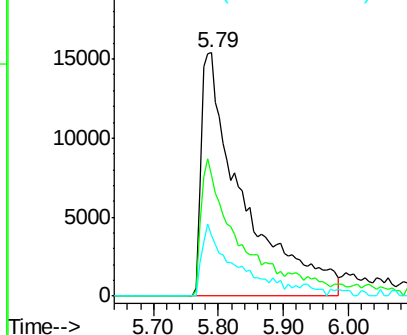
#5

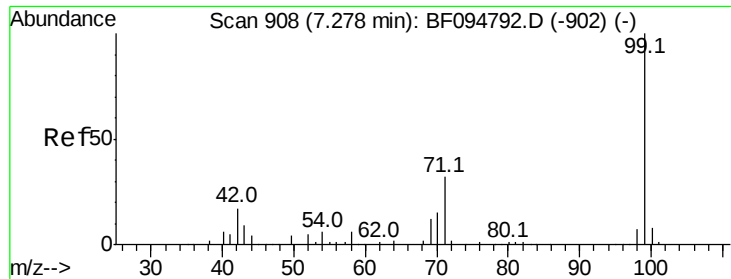
2-Fluorophenol
Concen: 14.15 ng
RT: 5.79 min Scan# 655
Delta R.T. 0.11 min
Lab File: BF095206.D
Acq: 18 May 2017 2:34

Tgt Ion:112 Resp: 67973
Ion Ratio Lower Upper
112 100
64 49.4 46.0 69.0
63 25.1 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: 14.66 ng

RT: 7.35 min Scan# 921

Delta R.T. 0.08 min

Lab File: BF095206.D

Acq: 18 May 2017 2:34

Instrument :

BNA_F

ClientSampleId :

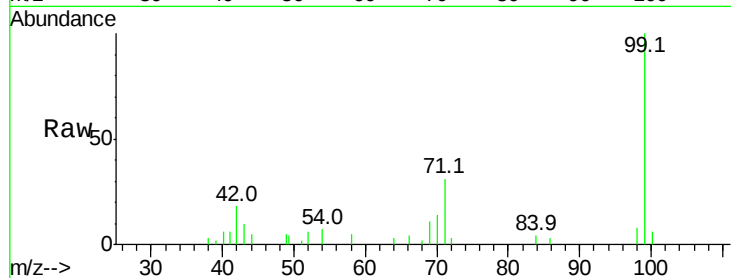
Tot Ion: 99 Resp: 84474

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

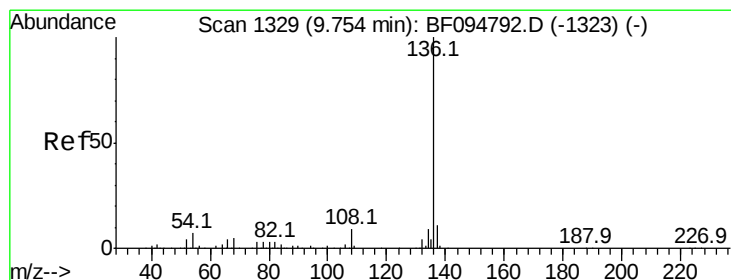
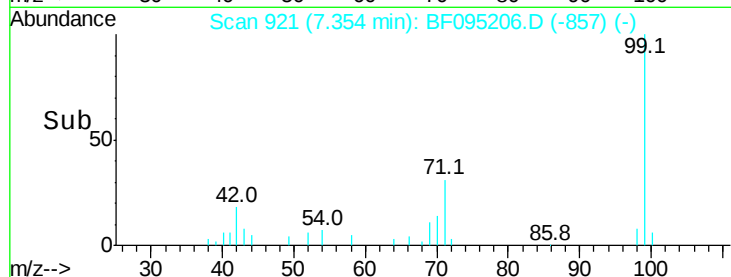
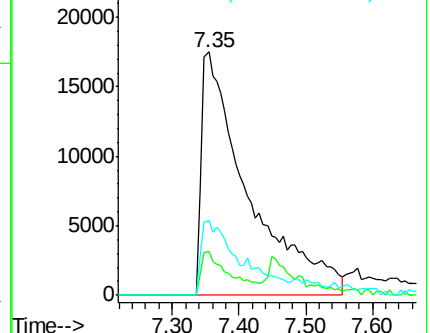
71 30.8 24.5 36.7



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. 0.04 min

Lab File: BF095206.D

Acq: 18 May 2017 2:34

Tgt Ion: 136 Resp: 325273

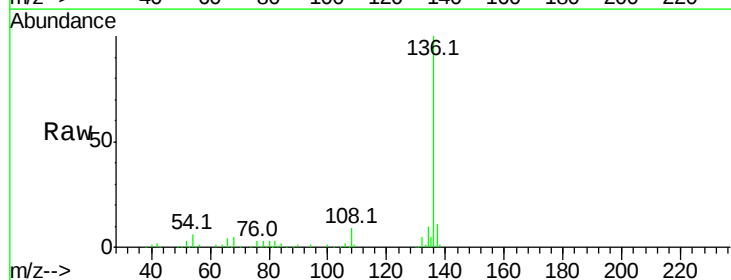
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 4.9 7.3

68 5.2 4.1 6.1

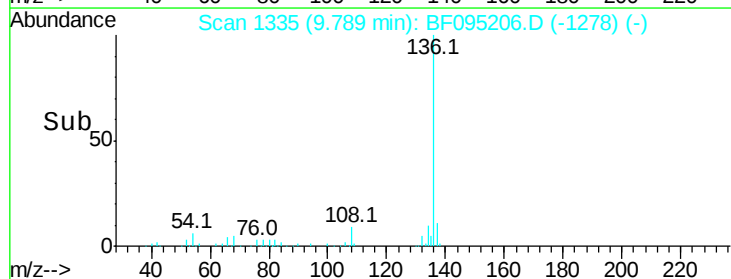
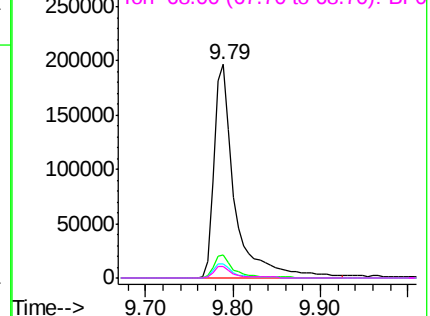


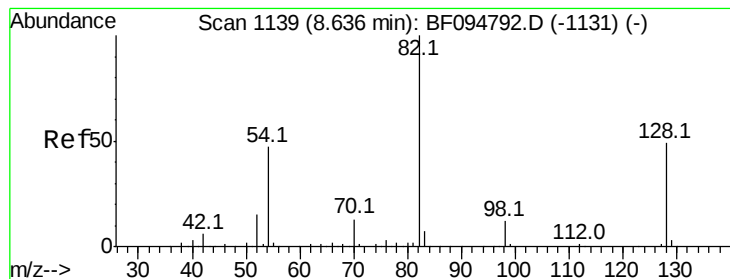
Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.31 ng

RT: 8.69 min Scan# 1148

Delta R.T. 0.05 min

Lab File: BF095206.D

Acq: 18 May 2017 2:34

Instrument :

BNA_F

ClientSampled :

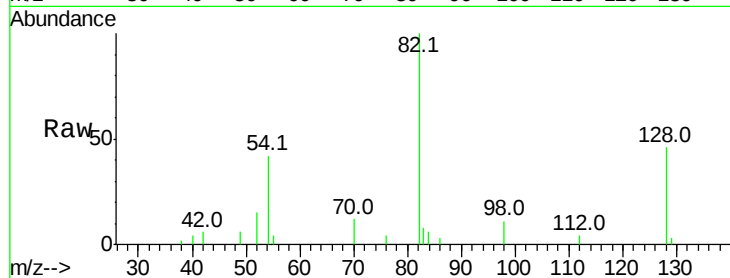
Tot Ion: 82 Resp: 53184

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

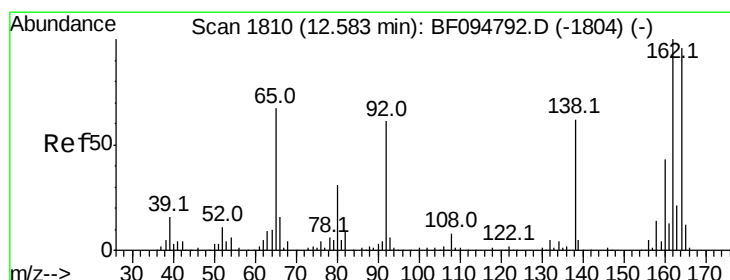
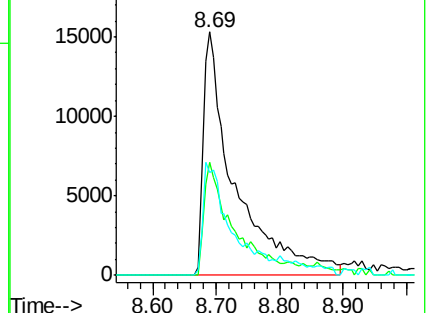
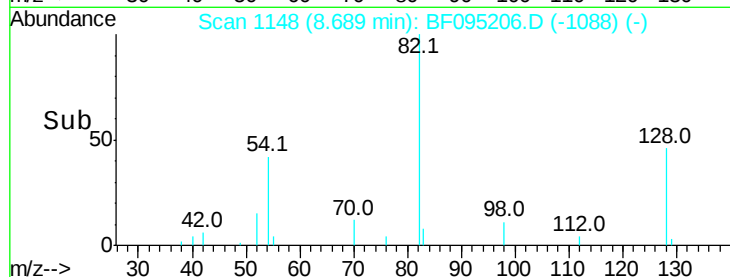
54 42.4 42.2 63.2



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: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095206.D

Acq: 18 May 2017 2:34

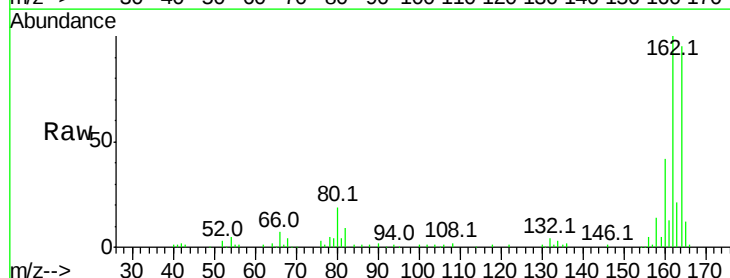
Tgt Ion:164 Resp: 132089

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

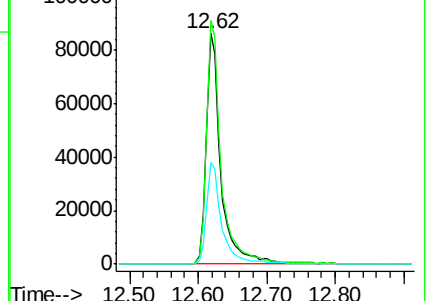
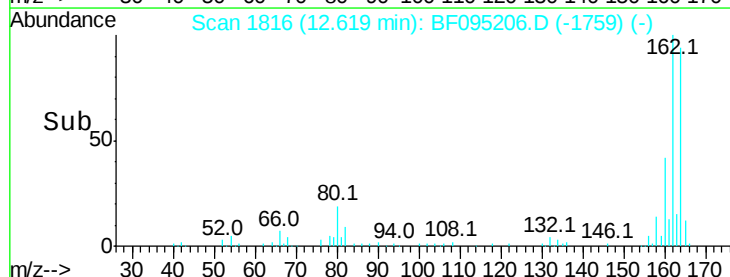
160 44.2 36.2 54.2

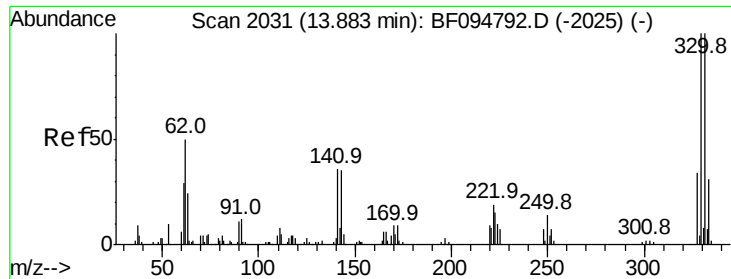


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

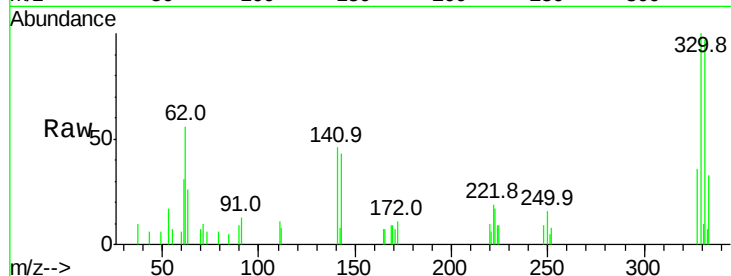




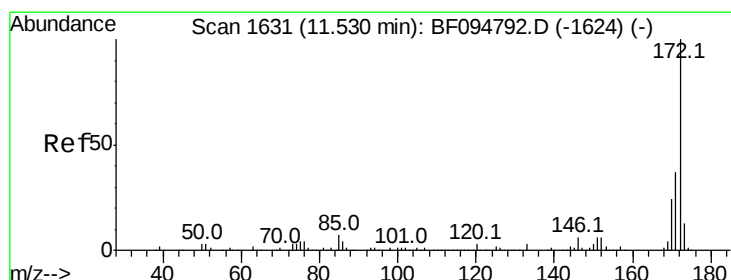
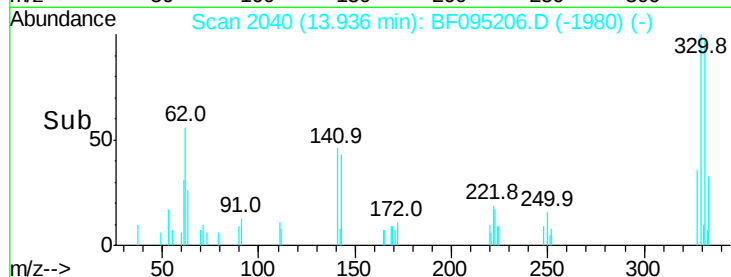
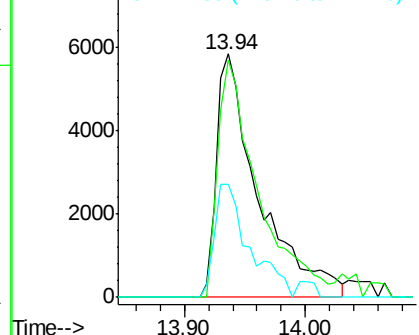
#41
 2,4,6-Tribromophenol
 Concen: 12.98 ng
 RT: 13.94 min Scan# 2040
 Delta R.T. 0.05 min
 Lab File: BF095206.D
 Acq: 18 May 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.6	115.0
141	38.4	31.4	47.2

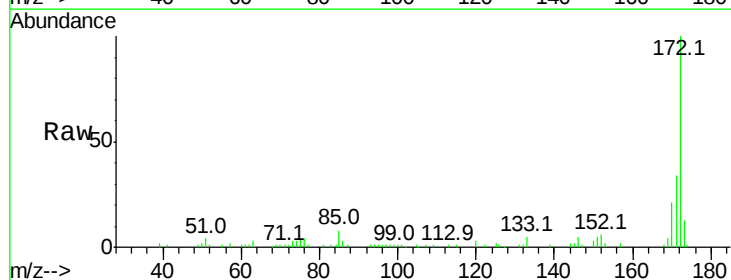


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

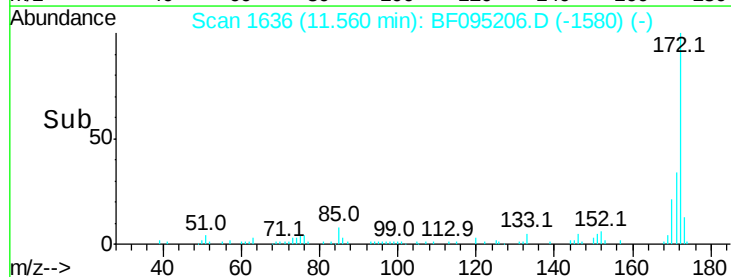
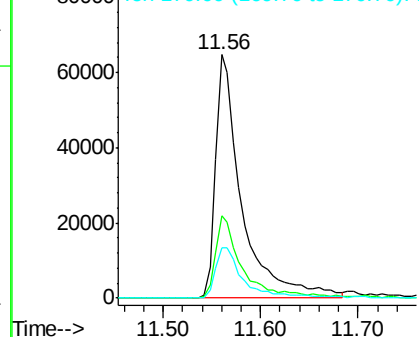


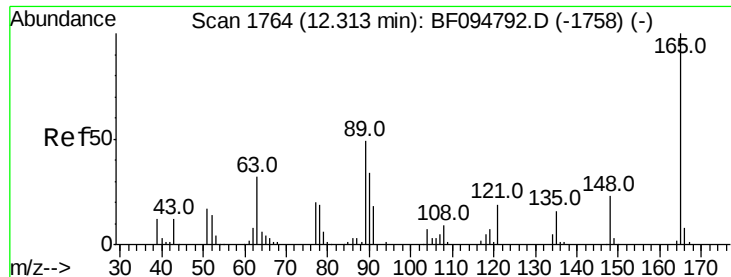
#44
 2-Fluorobiphenyl
 Concen: 13.21 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095206.D
 Acq: 18 May 2017 2:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	20.9	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

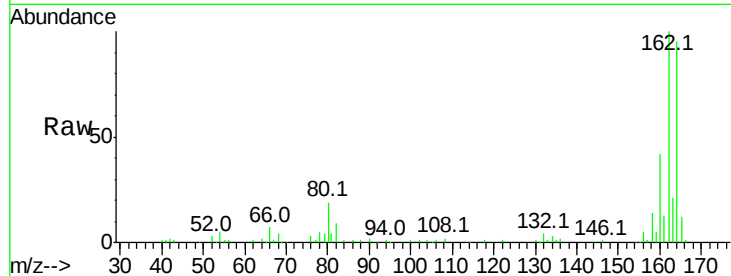




#50
 2,6-Dinitrotoluene
 Concen: 4.91 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.31 min
 Lab File: BF095206.D
 Acq: 18 May 2017 2:34

Instrument :
 BNA_F
 ClientSampleId :

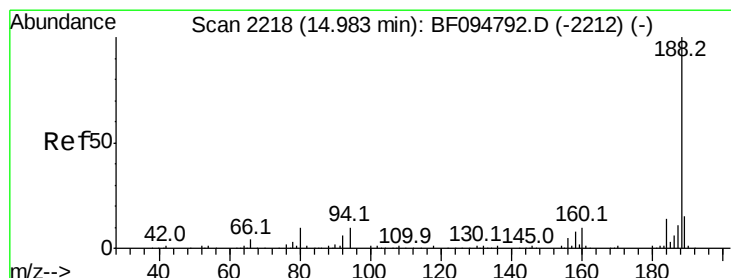
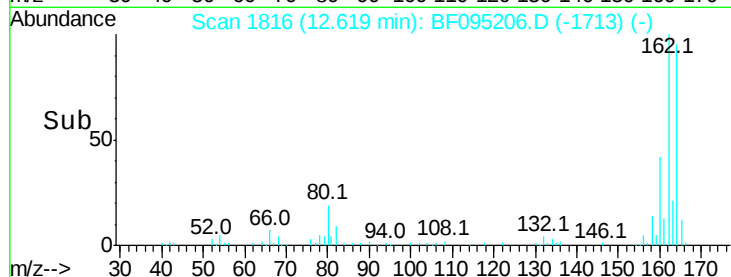
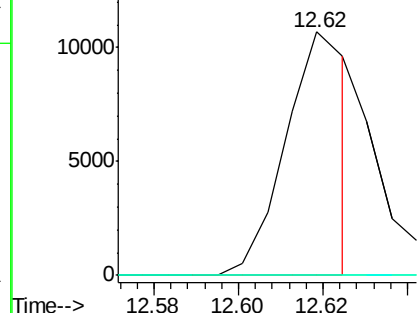
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

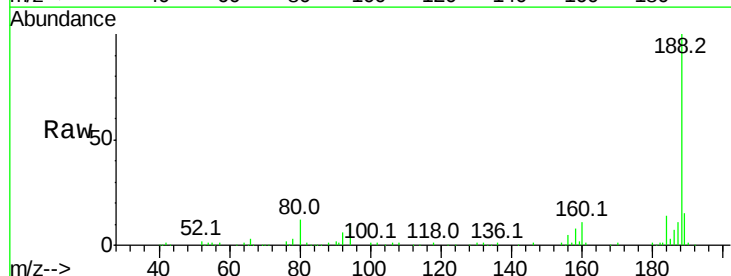
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095206.D
 Acq: 18 May 2017 2:34

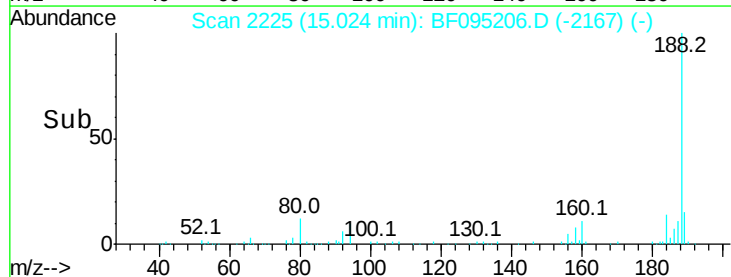
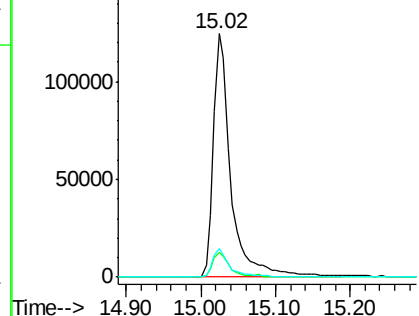
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.9	10.2	15.2

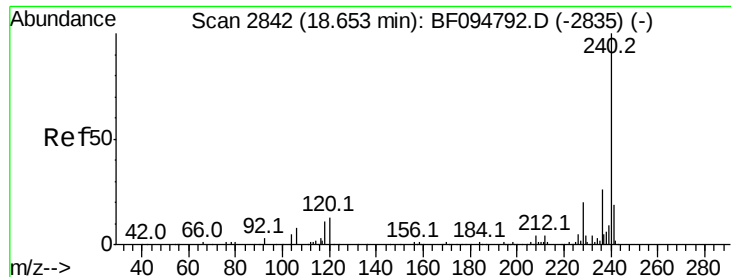


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.04 min

Lab File: BF095206.D

Acq: 18 May 2017 2:34

Instrument :

BNA_F

ClientSampleId :

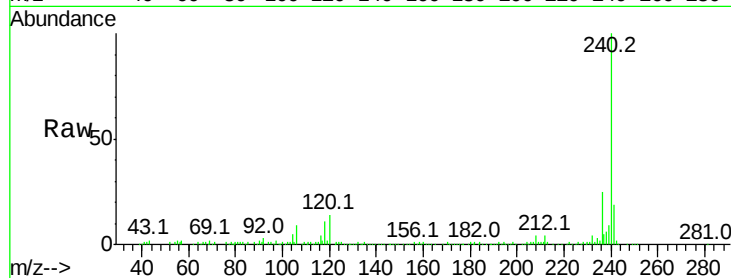
Tot Ion:240 Resp: 191871

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

236 25.3 20.5 30.7

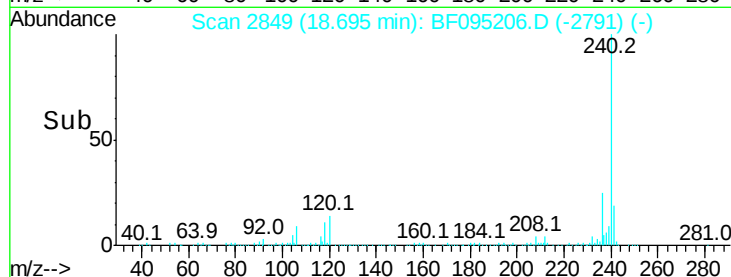


Abundance Ion 240.00 (239.70 to 240.70): E

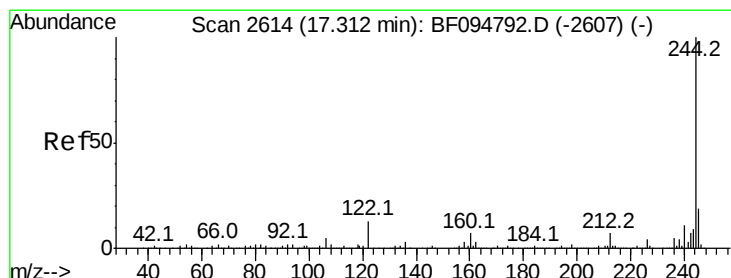
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

18.69



Time-->



#78

Terphenyl-d14

Concen: 9.89 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095206.D

Acq: 18 May 2017 2:34

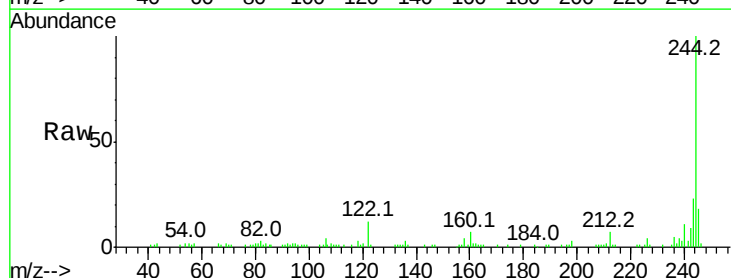
Tgt Ion:244 Resp: 86150

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 12.1 10.3 15.5

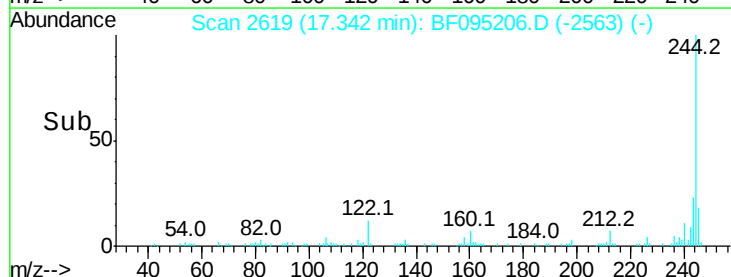


Abundance Ion 244.00 (243.70 to 244.70): E

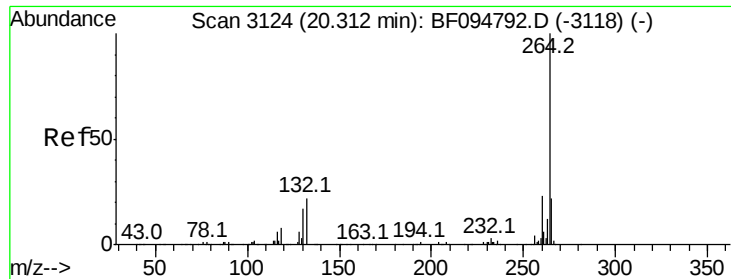
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

17.34



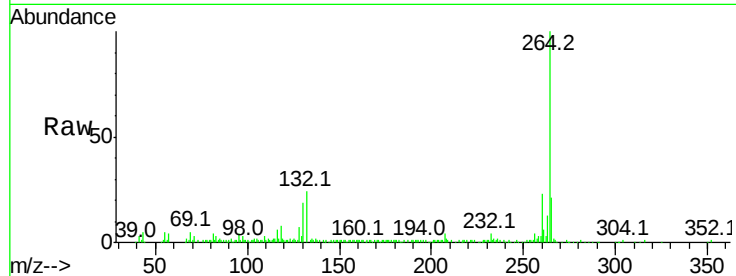
Time-->



#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095206.D
Acq: 18 May 2017 2:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.0	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

