

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094895.D
 Acq On : 5 May 2017 2:32
 Operator : SJ/MA
 Sample : I2957-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2342

Quant Time: May 05 06:40:04 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

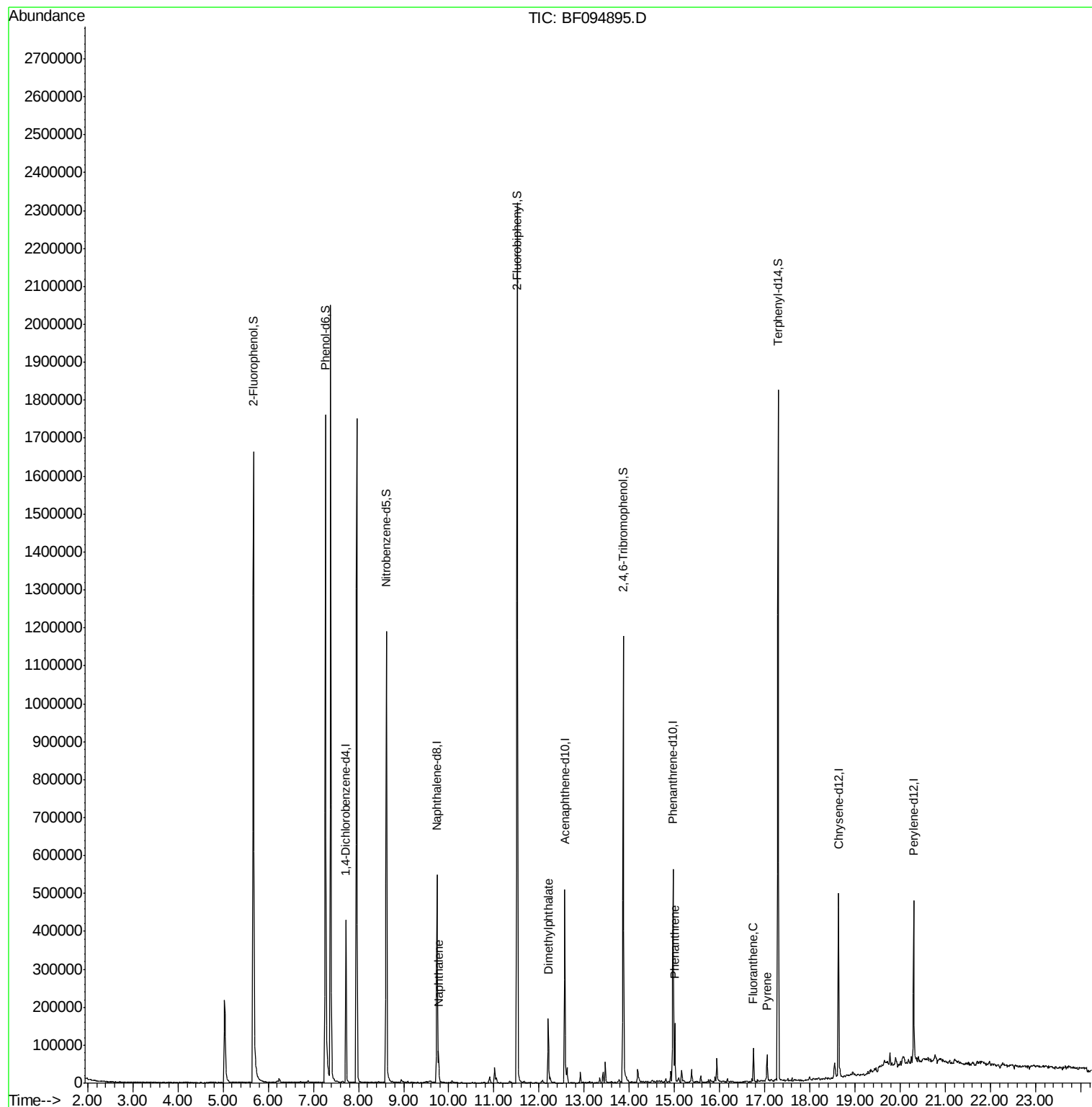
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88907	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	362279	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	147232	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	282764	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	199223	20.00	ng	-0.02
86) Perylene-d12	20.30	264	178804	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	750195	140.68	ng	0.00
7) Phenol-d6	7.27	99	966808	151.10	ng	0.00
23) Nitrobenzene-d5	8.62	82	550142	95.76	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	188630	156.44	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	990340	96.82	ng	-0.01
78) Terphenyl-d14	17.29	244	711701	78.68	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	9.77	128	49016	2.69	ng	98
49) Dimethylphthalate	12.21	163	105770	8.75	ng	99
70) Phenanthrene	15.01	178	83795	5.16	ng	98
74) Fluoranthene	16.75	202	45114	2.71	ng	97
77) Pyrene	17.05	202	32564	2.19	ng	97

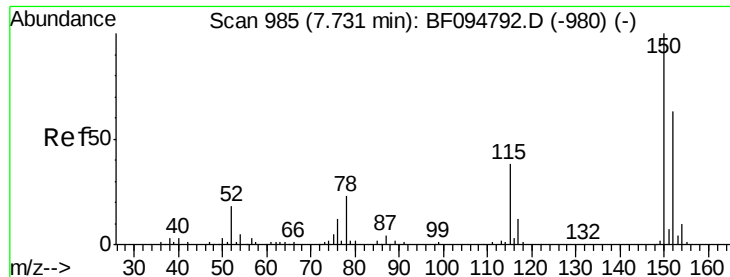
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF094895.D
Acq On : 5 May 2017 2:32
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: May 05 06:40:04 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

Instrument :

BNA_F

ClientSampleId :

RT-2342

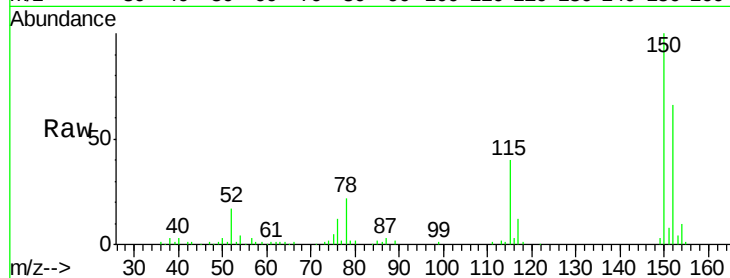
Tgt Ion:152 Resp: 88907

Ion Ratio Lower Upper

152 100

150 150.8 126.2 189.2

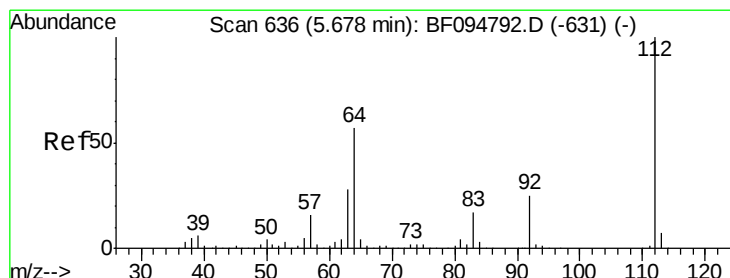
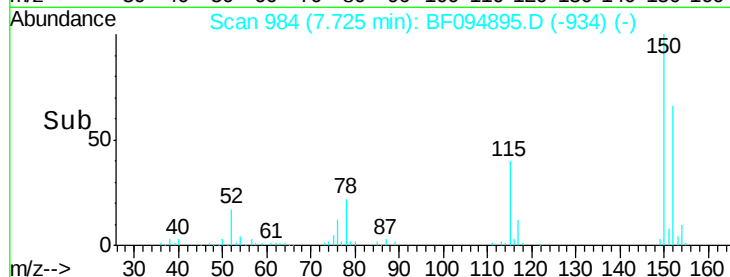
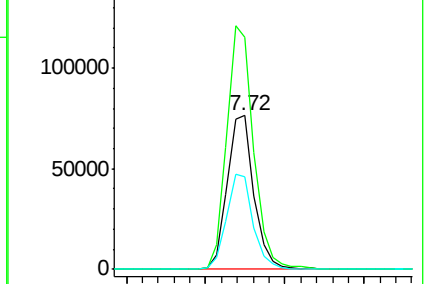
115 60.1 52.2 78.2



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: 140.68 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

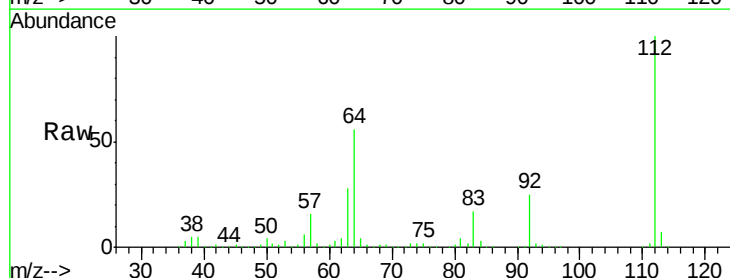
Tgt Ion:112 Resp: 750195

Ion Ratio Lower Upper

112 100

64 55.7 46.0 69.0

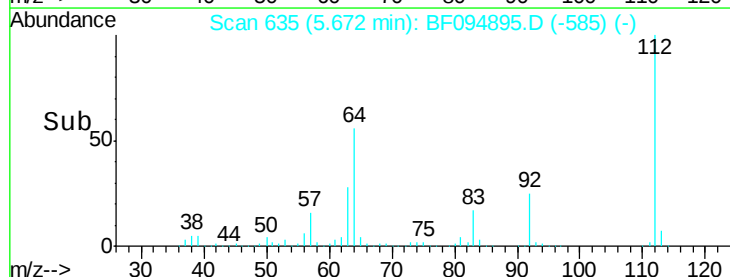
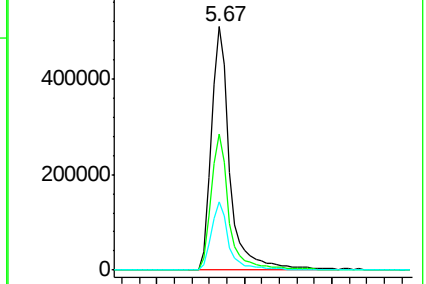
63 28.1 23.4 35.0

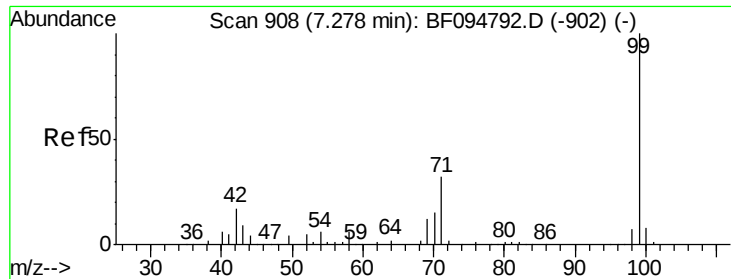


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.10 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

Instrument :

BNA_F

ClientSampleId :

RT-2342

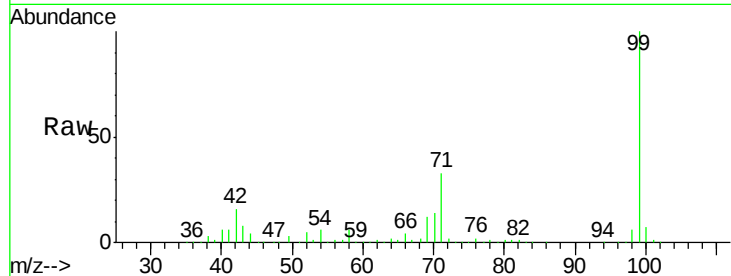
Tgt Ion: 99 Resp: 966808

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

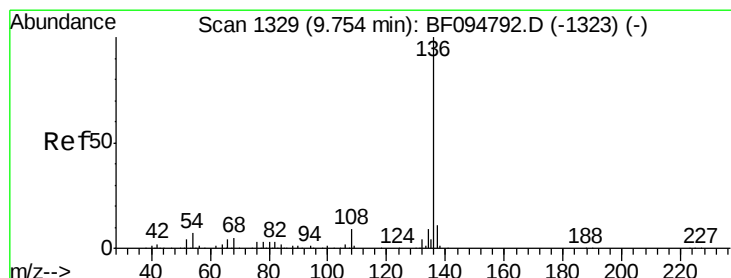
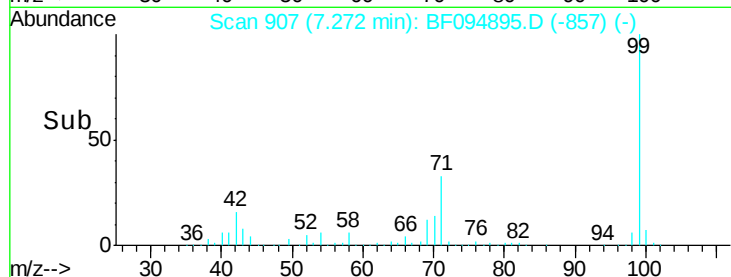
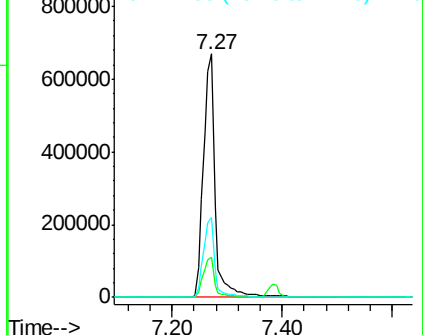
71 32.8 24.5 36.7



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

Tgt Ion: 136 Resp: 362279

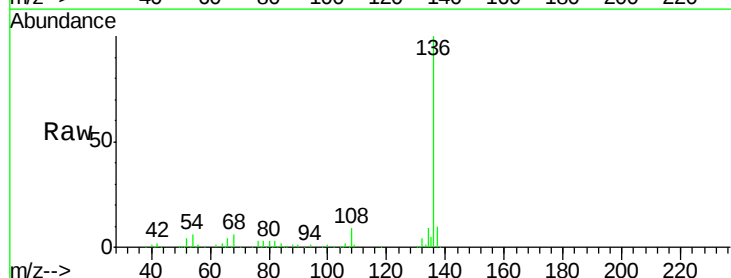
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.4 4.9 7.3

68 5.6 4.1 6.1

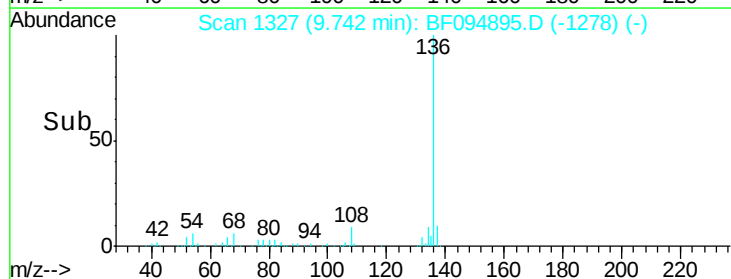
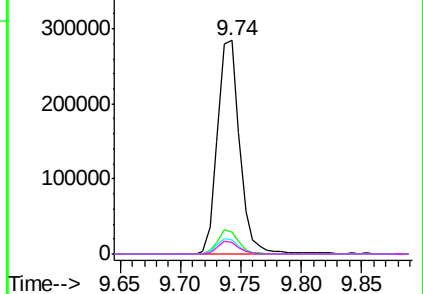


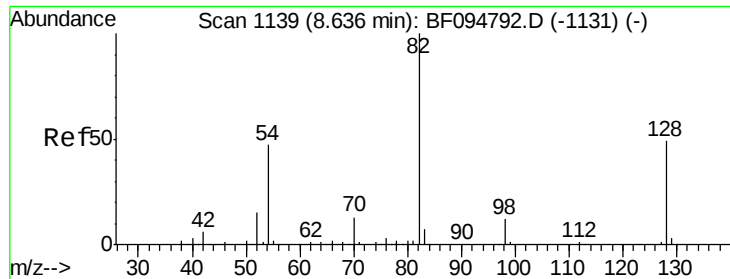
Abundance Ion 136.00 (135.70 to 136.70): E

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

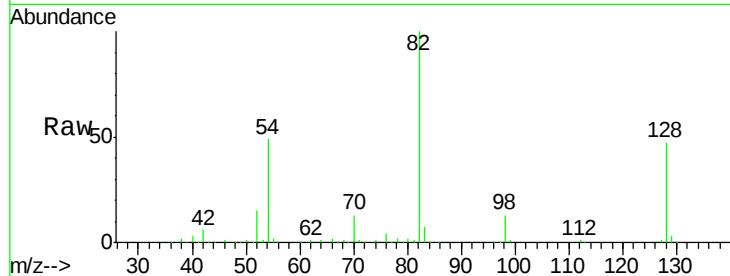




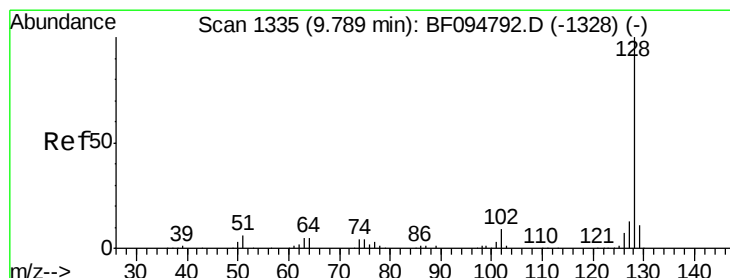
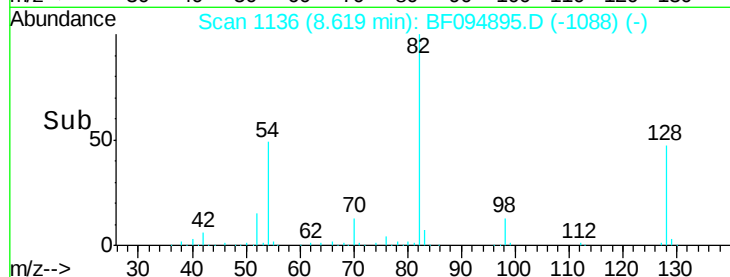
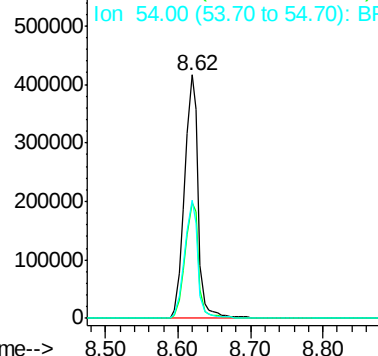
#23
Nitrobenzene-d5
Concen: 95.76 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094895.D
Acq: 5 May 2017 2:32

Instrument :
BNA_F
ClientSampled :
RT-2342

Tgt Ion: 82 Resp: 550142
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 48.8 42.2 63.2

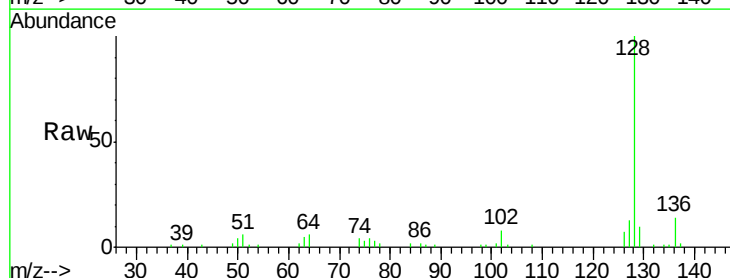


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

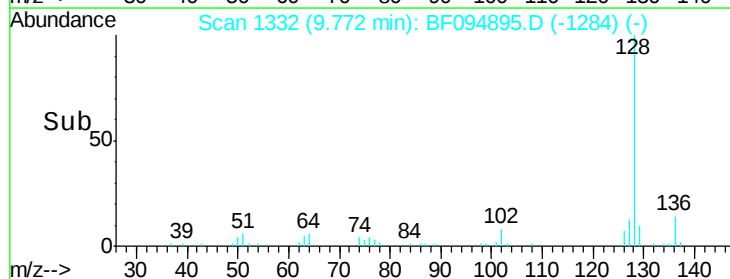
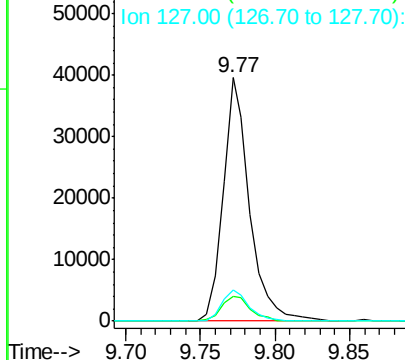


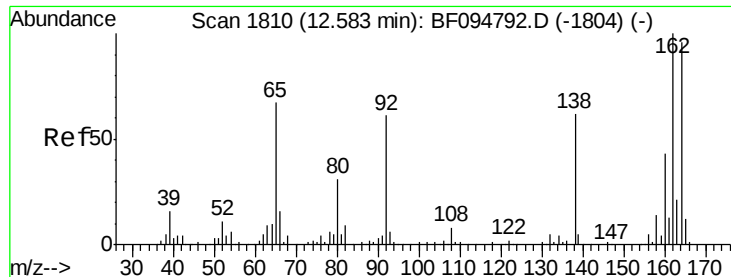
#31
Naphthalene
Concen: 2.69 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF094895.D
Acq: 5 May 2017 2:32

Tgt Ion: 128 Resp: 49016
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.6
127 12.8 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

Instrument :

BNA_F

ClientSampleId :

RT-2342

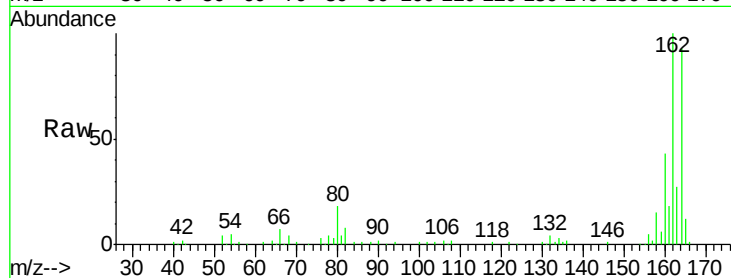
Tgt Ion:164 Resp: 147232

Ion Ratio Lower Upper

164 100

162 107.3 82.6 123.8

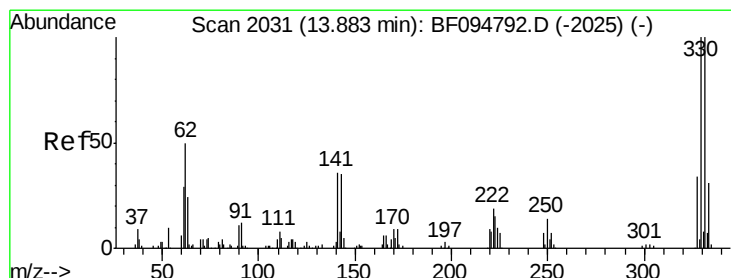
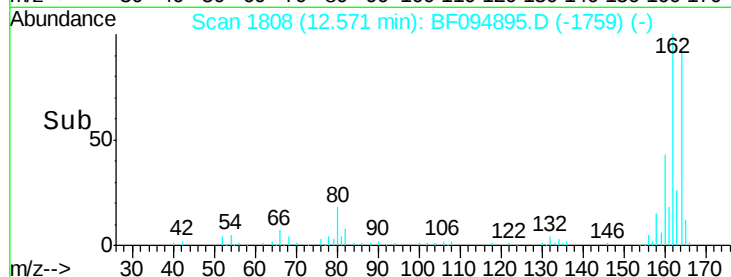
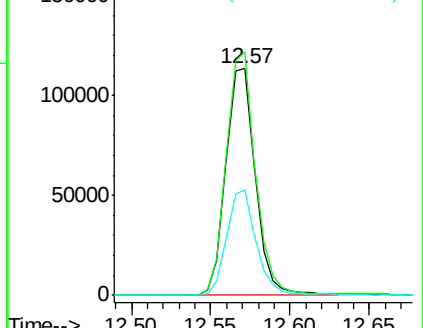
160 46.5 36.2 54.2



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: 156.44 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

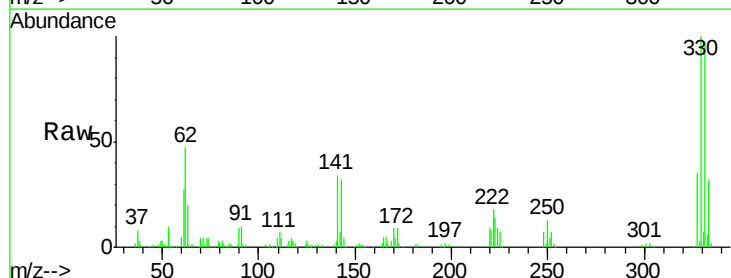
Tgt Ion:330 Resp: 188630

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

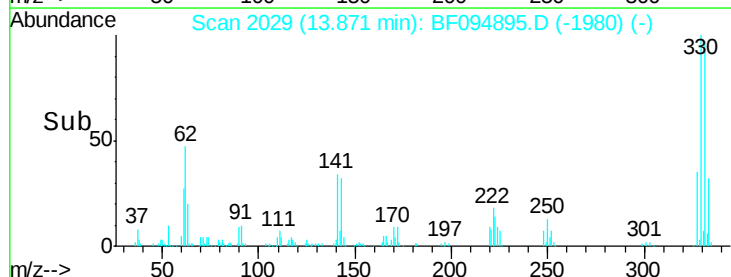
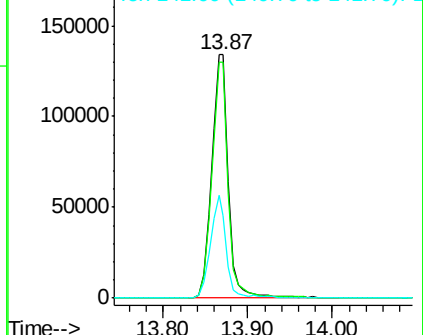
141 39.9 31.4 47.2

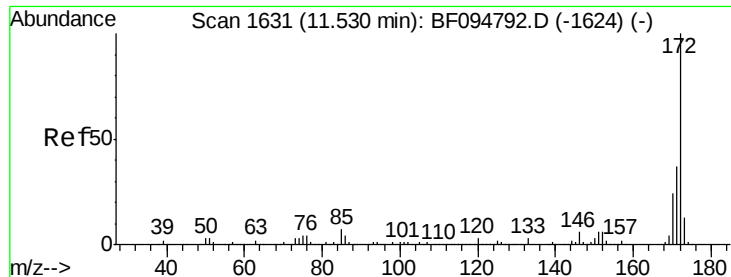


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

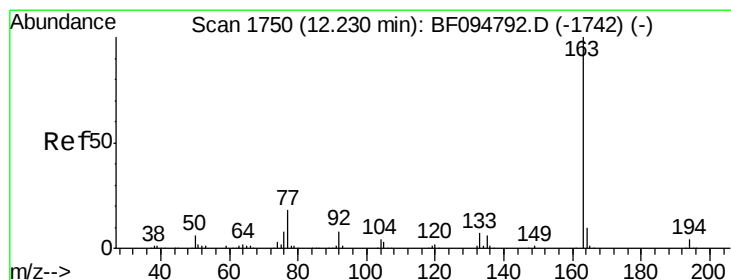
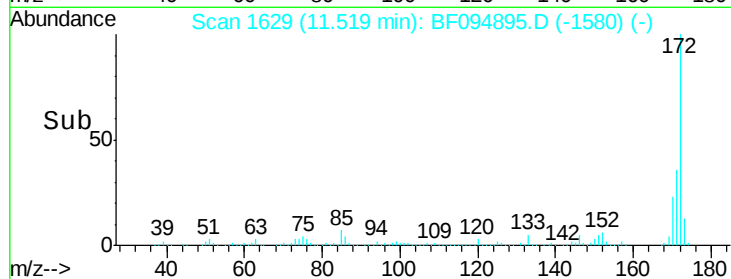
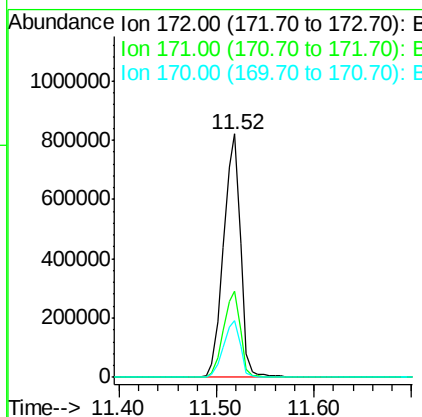
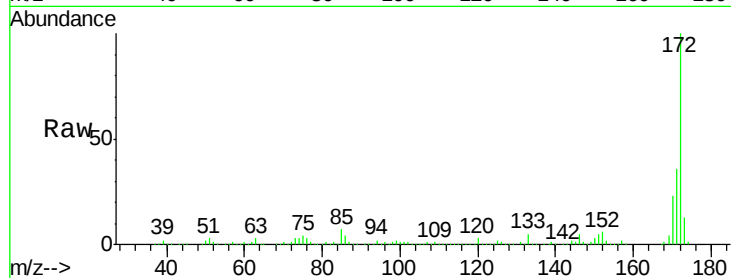




#44
 2-Fluorobiphenyl
 Concen: 96.82 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094895.D
 Acq: 5 May 2017 2:32

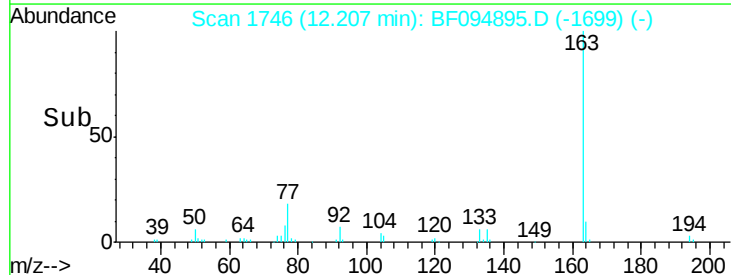
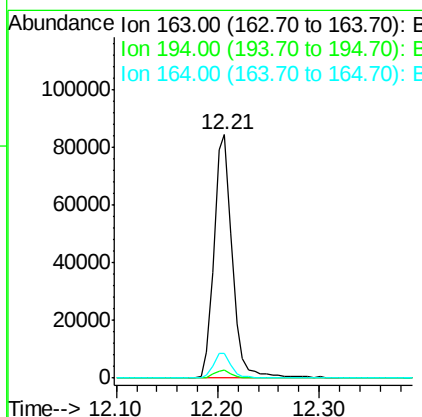
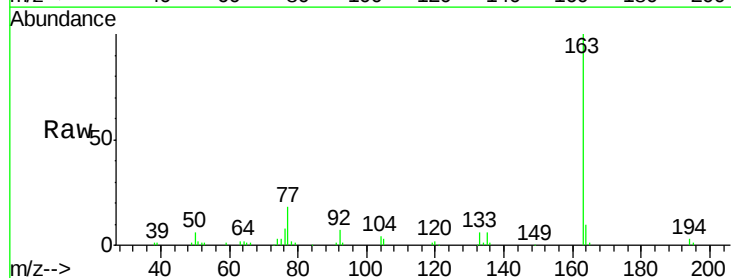
Instrument :
 BNA_F
 ClientSampleId :
 RT-2342

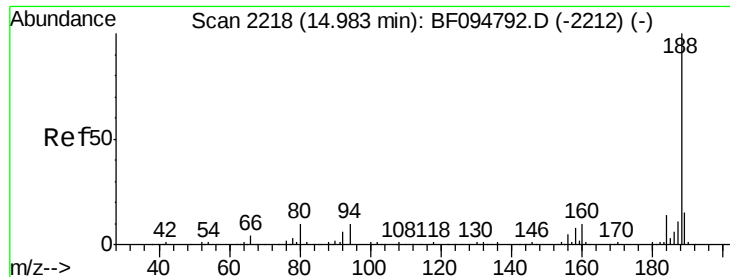
Tgt Ion:172 Resp: 990340
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 8.75 ng
 RT: 12.21 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BF094895.D
 Acq: 5 May 2017 2:32

Tgt Ion:163 Resp: 105770
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.9 8.4 12.6

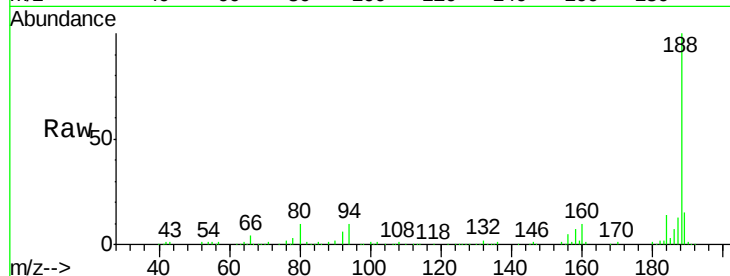




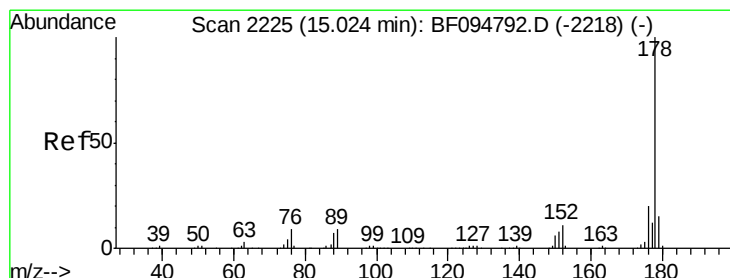
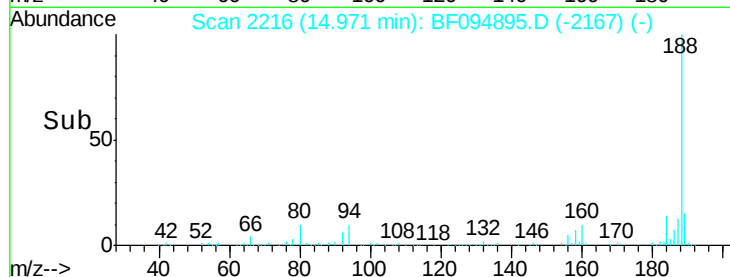
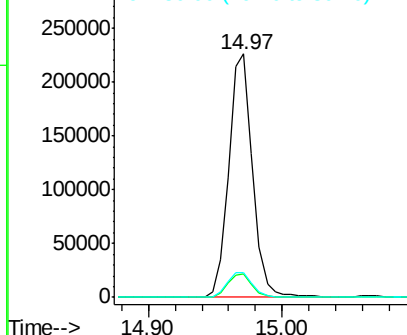
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094895.D
 Acq: 5 May 2017 2:32

Instrument :
 BNA_F
 ClientSampleId :
 RT-2342

Tgt Ion:188 Resp: 282764
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.3 10.2 15.2

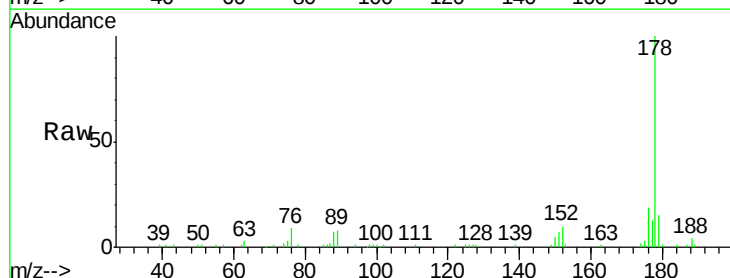


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

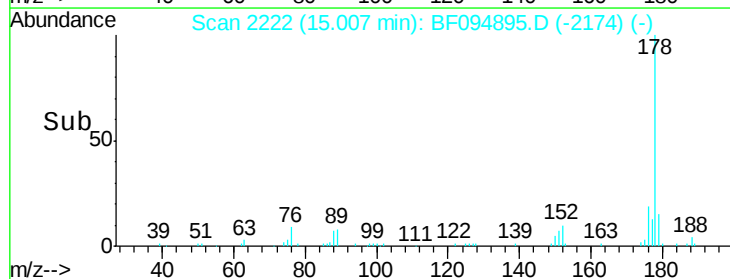
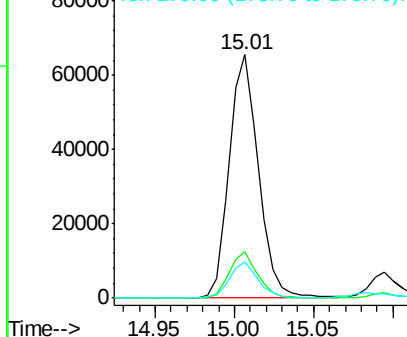


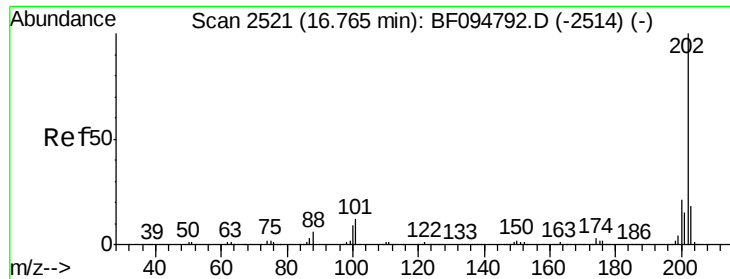
#70
 Phenanthrene
 Concen: 5.16 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF094895.D
 Acq: 5 May 2017 2:32

Tgt Ion:178 Resp: 83795
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 15.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

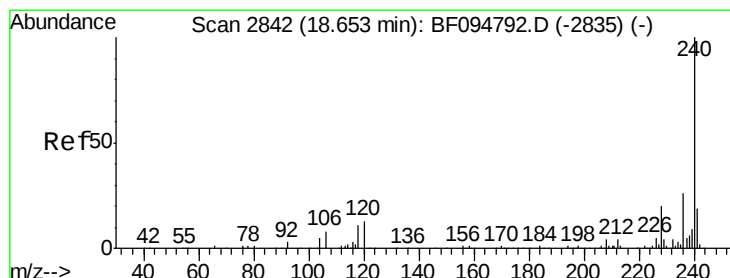
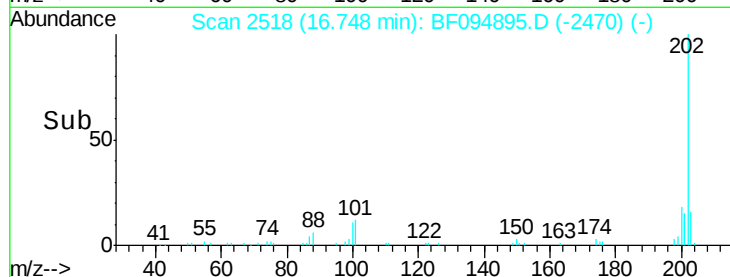
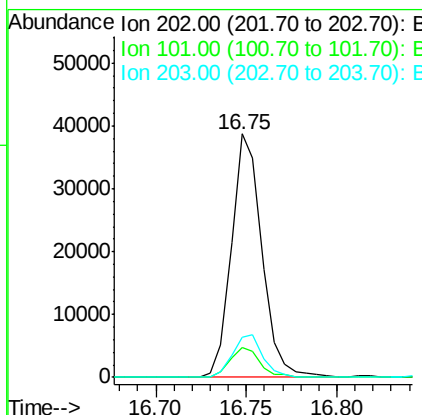
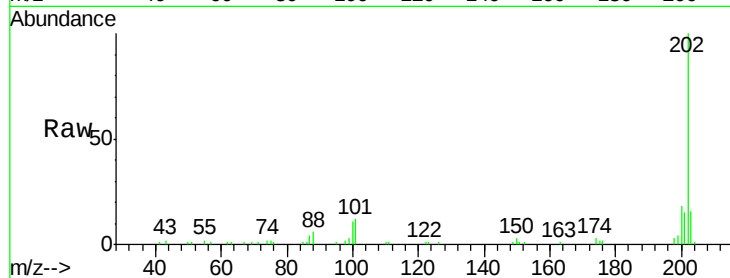




#74
 Fluoranthene
 Concen: 2.71 ng
 RT: 16.75 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BF094895.D
 Acq: 5 May 2017 2:32

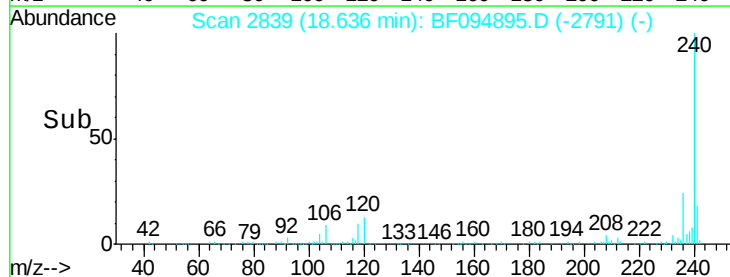
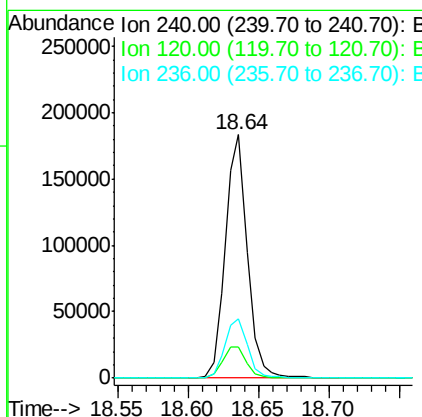
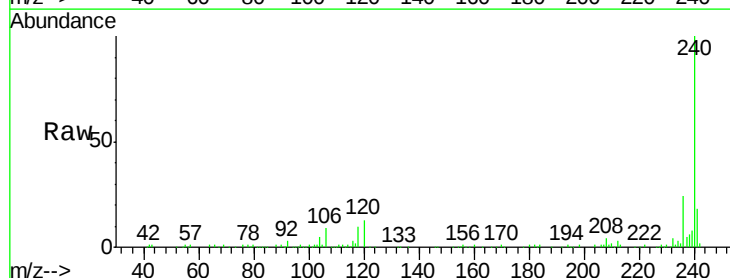
Instrument :
 BNA_F
 ClientSampled :
 RT-2342

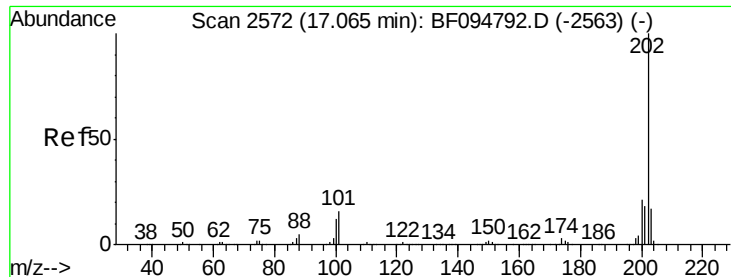
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094895.D
 Acq: 5 May 2017 2:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	24.1	20.5	30.7





#77

Pyrene

Concen: 2.19 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

Instrument :

BNA_F

ClientSampleId :

RT-2342

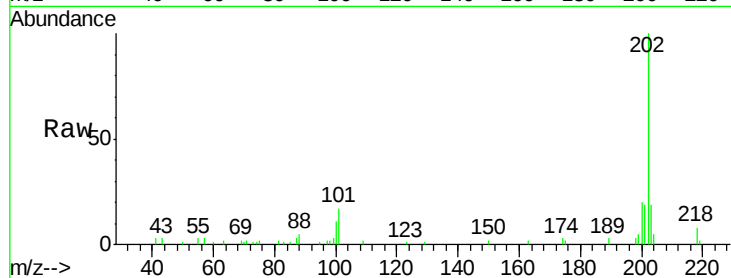
Tgt Ion:202 Resp: 32564

Ion Ratio Lower Upper

202 100

200 20.2 17.6 26.4

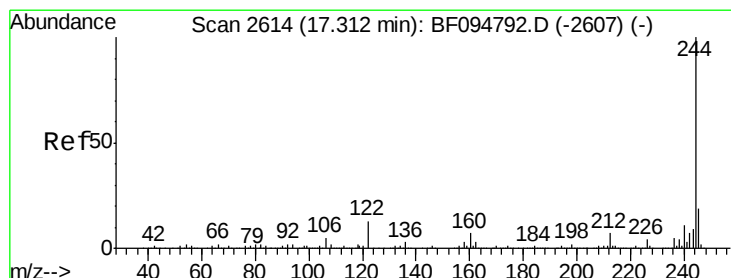
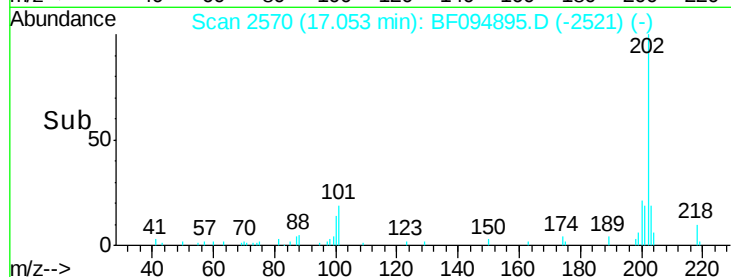
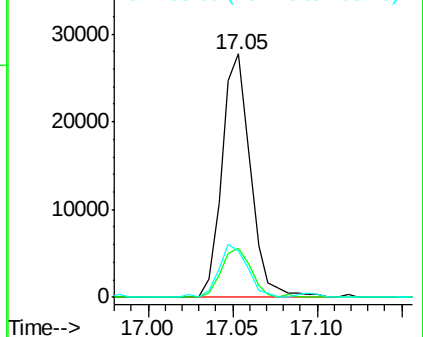
203 19.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.68 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

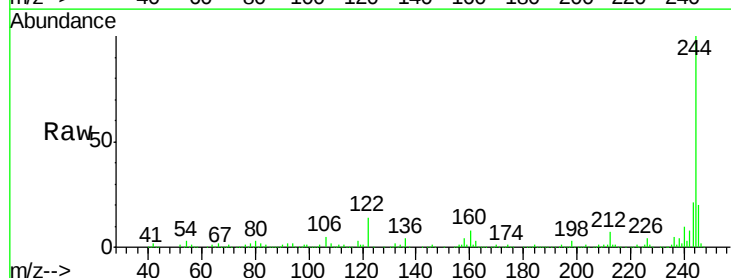
Tgt Ion:244 Resp: 711701

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

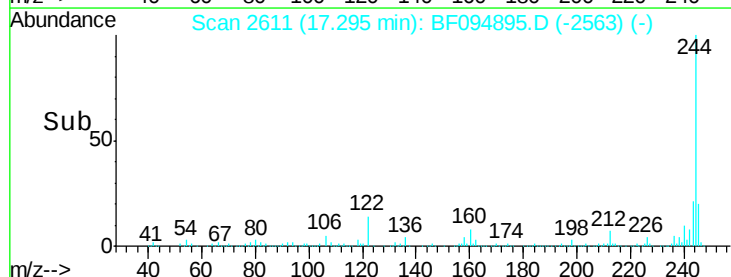
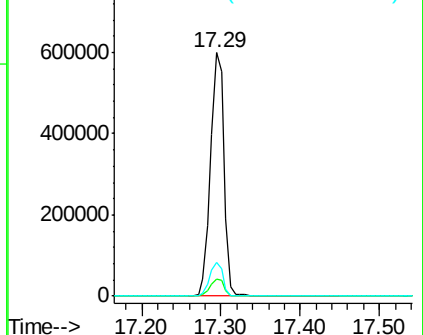
122 13.9 10.3 15.5

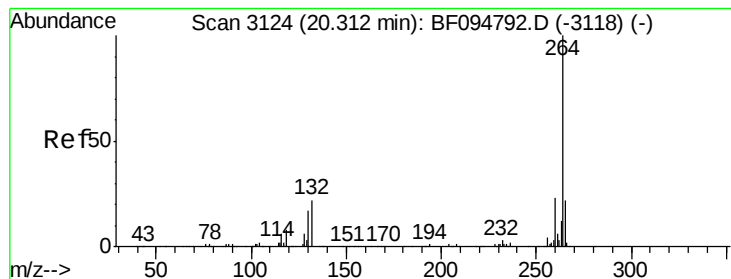


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094895.D

Acq: 5 May 2017 2:32

Instrument :

BNA_F

ClientSampleId :

RT-2342

Tgt Ion: 264 Resp: 178804

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 20.6 17.2 25.8

