

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095361.D
 Acq On : 23 May 2017 20:29
 Operator : SJ/MA
 Sample : I3249-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:30:58 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

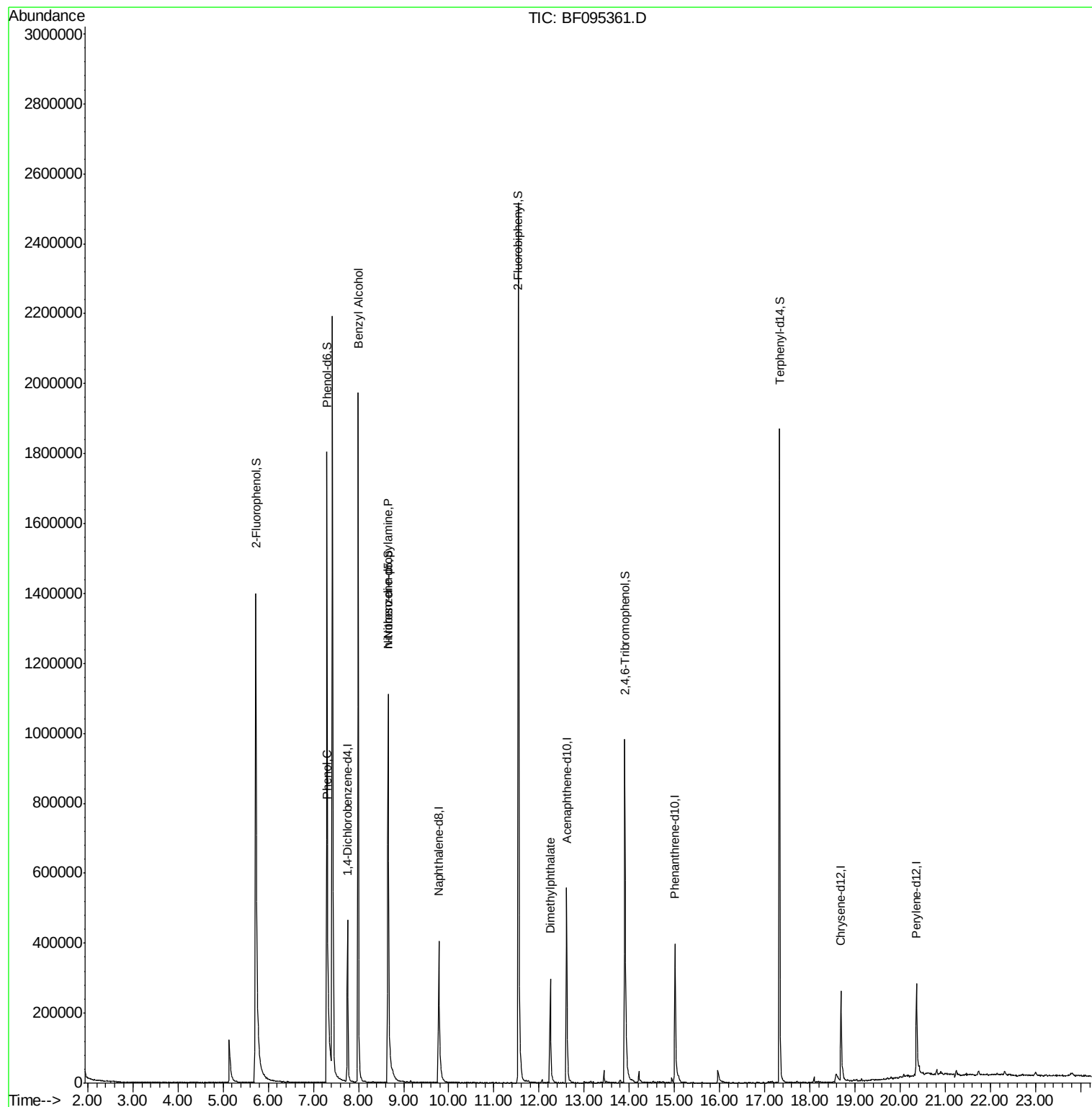
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	107315	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	422948	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	192929	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	298488	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	172131	20.00	ng	0.00
86) Perylene-d12	20.37	264	174591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	970411	150.76	ng	-0.01
7) Phenol-d6	7.30	99	1216546	157.52	ng	-0.01
23) Nitrobenzene-d5	8.66	82	694649	103.57	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	217104	137.41	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1325314	98.87	ng	-0.02
78) Terphenyl-d14	17.33	244	790677	101.17	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	19914	2.45	ng	# 52
15) Benzyl Alcohol	7.99	79	10425	2.10	ng	# 44
19) n-Nitroso-di-n-propylamine	8.66	70	82674	15.83	ng	# 75
49) Dimethylphthalate	12.25	163	239923	15.15	ng	98

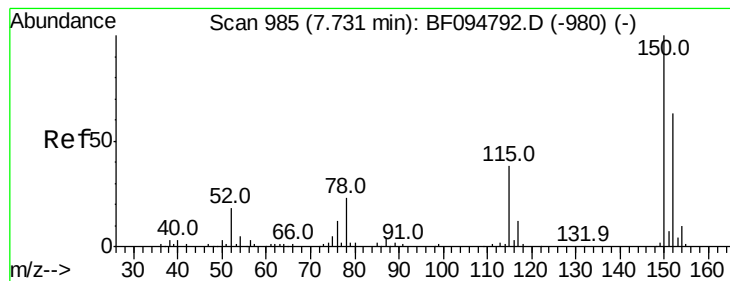
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 18 17:07:53 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

Instrument :

BNA_F

ClientSampleId :

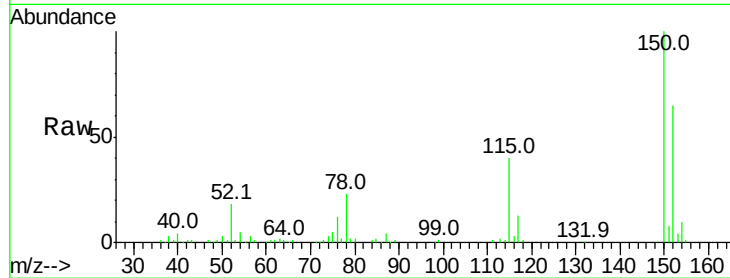
Tot Ion:152 Resp: 107315

Ion Ratio Lower Upper

152 100

150 153.0 126.2 189.2

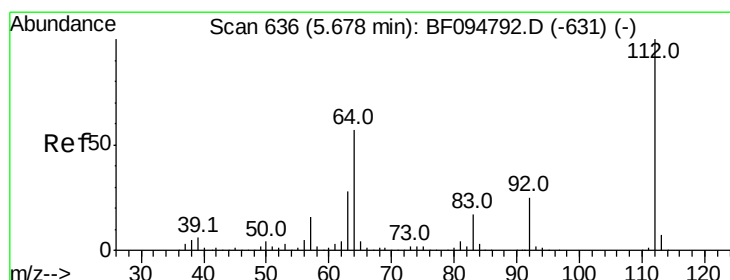
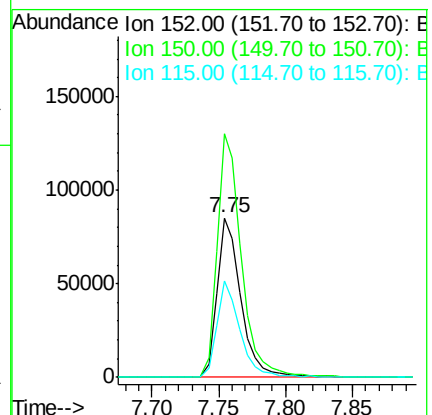
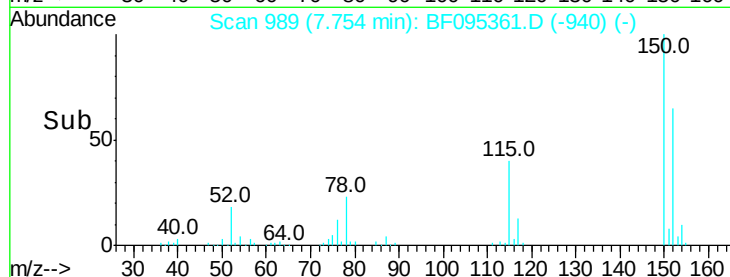
115 60.7 52.2 78.2



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: 150.76 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

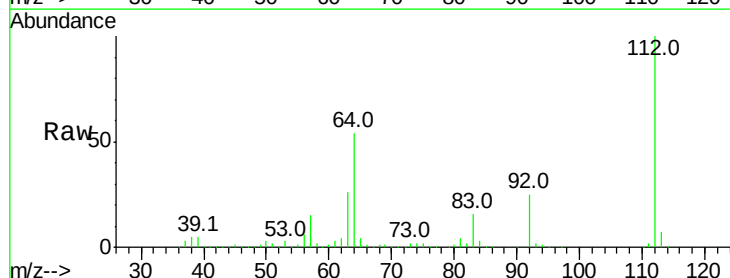
Tgt Ion:112 Resp: 970411

Ion Ratio Lower Upper

112 100

64 53.9 46.0 69.0

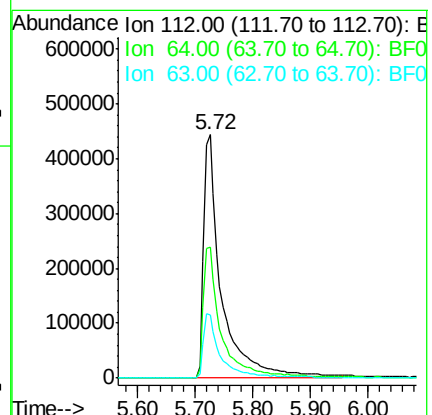
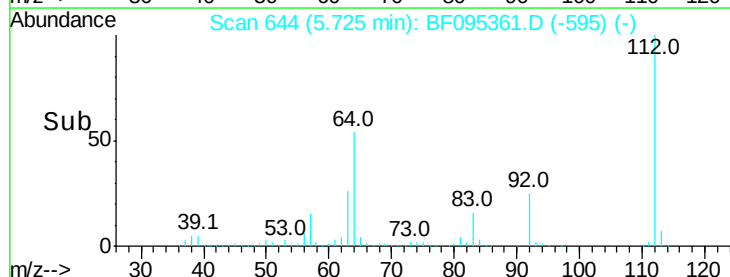
63 26.0 23.4 35.0

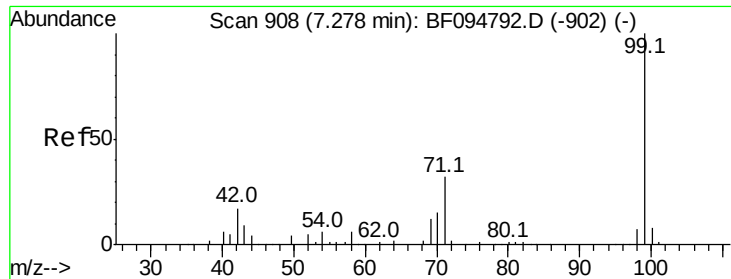


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 157.52 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

Instrument :

BNA_F

ClientSampleId :

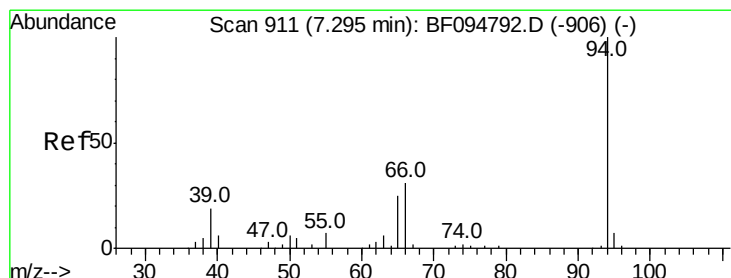
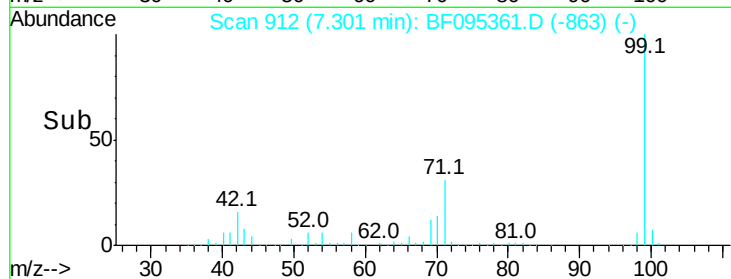
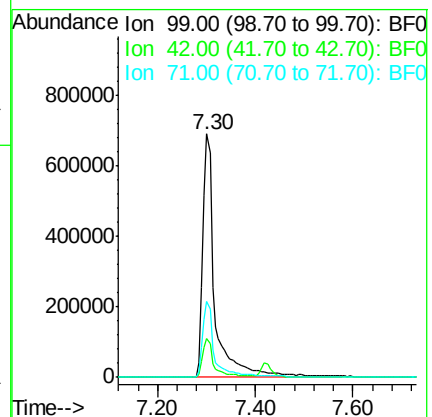
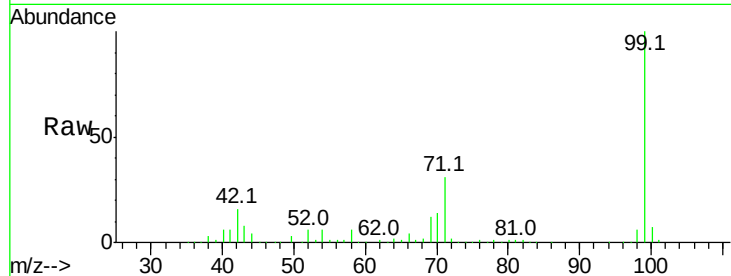
Tot Ion: 99 Resp: 1216546

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 31.3 24.5 36.7



#10

Phenol

Concen: 2.45 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

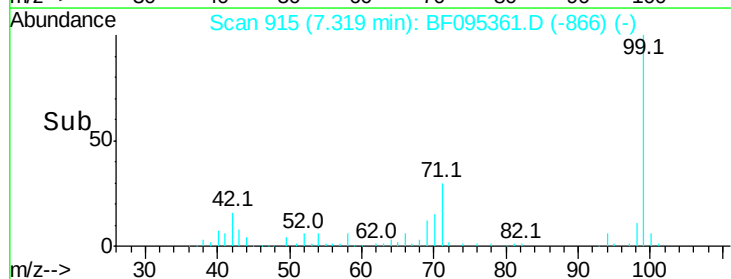
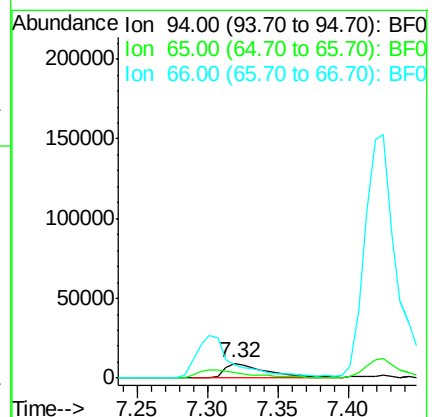
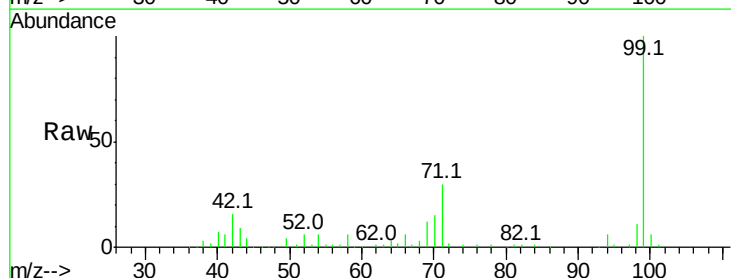
Tgt Ion: 94 Resp: 19914

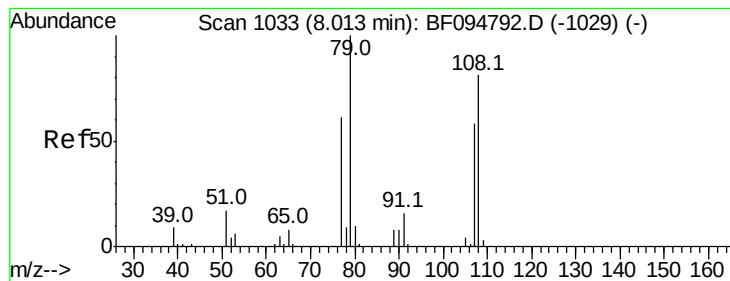
Ion Ratio Lower Upper

94 100

65 37.9 9.9 49.9

66 88.1 23.1 63.1#





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

Instrument :

BNA_F

ClientSampled :

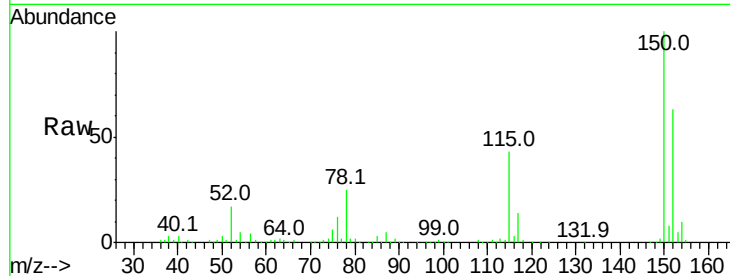
Tot Ion: 79 Resp: 10425

Ion Ratio Lower Upper

79 100

108 29.9 63.4 95.0#

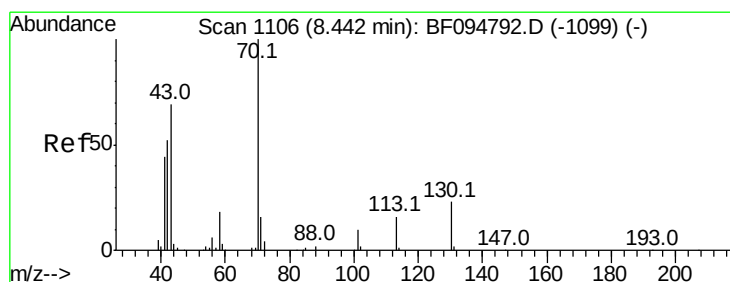
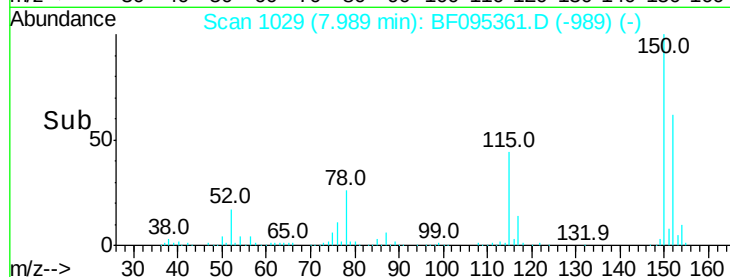
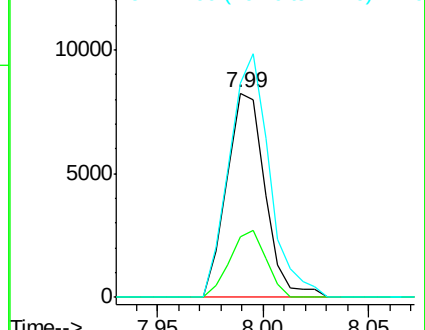
77 104.7 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.83 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

Tgt Ion: 70 Resp: 82674

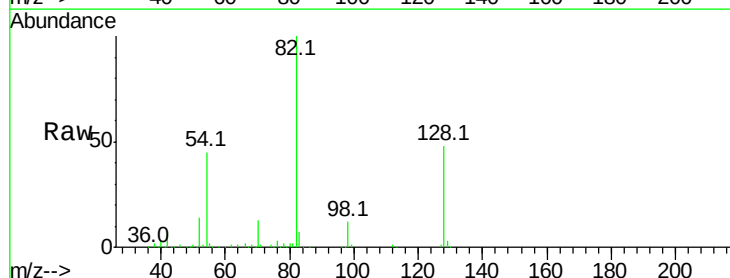
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

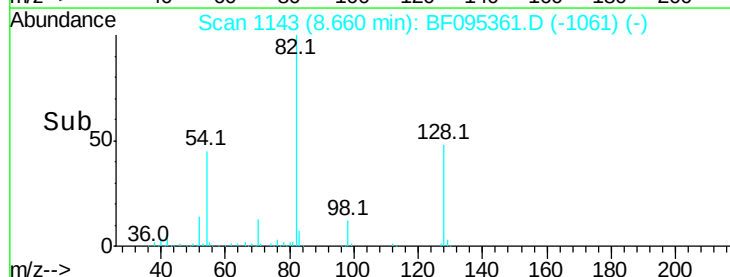
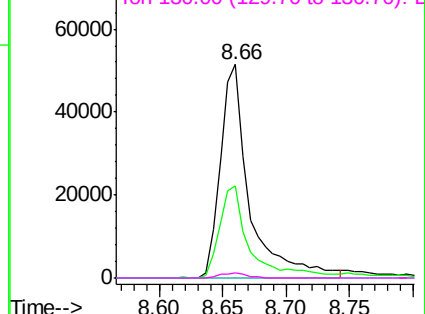


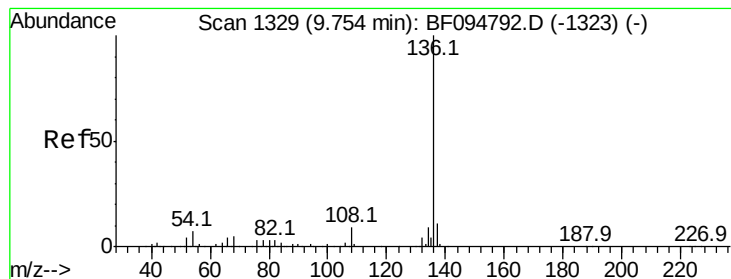
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 422948

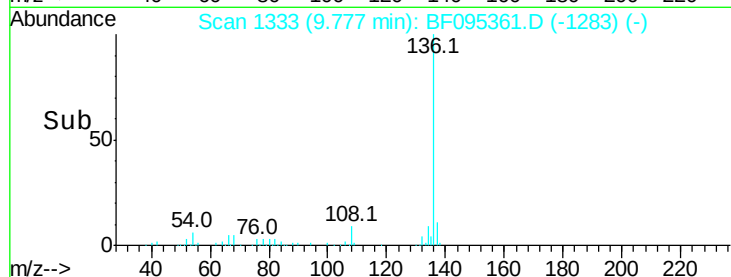
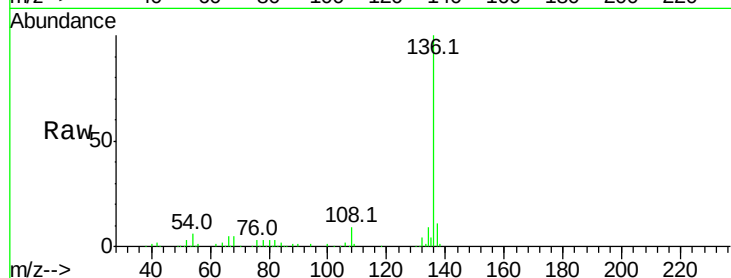
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.3 4.9 7.3

68 5.5 4.1 6.1

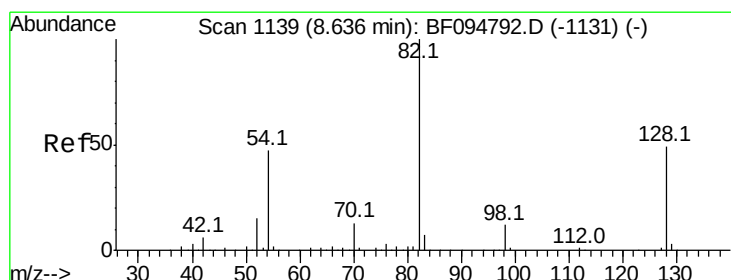
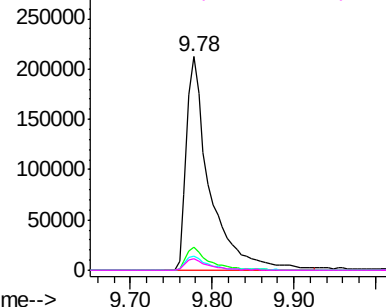


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.57 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

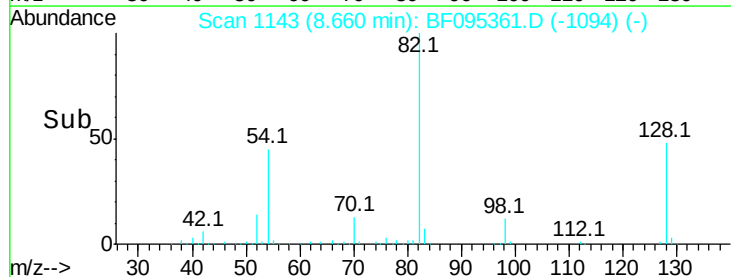
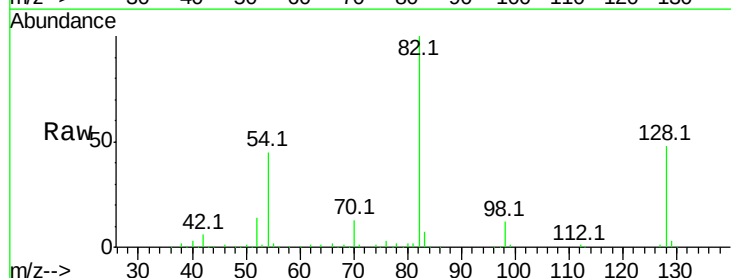
Tgt Ion: 82 Resp: 694649

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

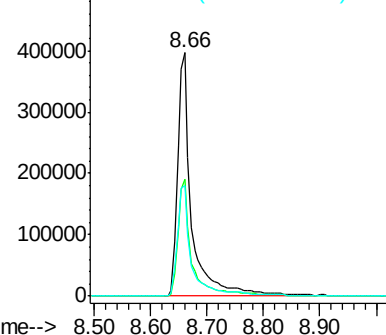
54 45.2 42.2 63.2

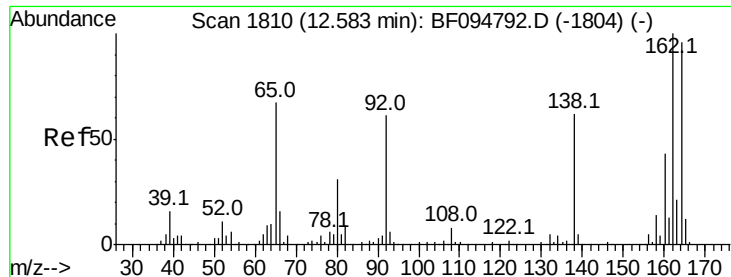


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

Instrument :

BNA_F

ClientSampleId :

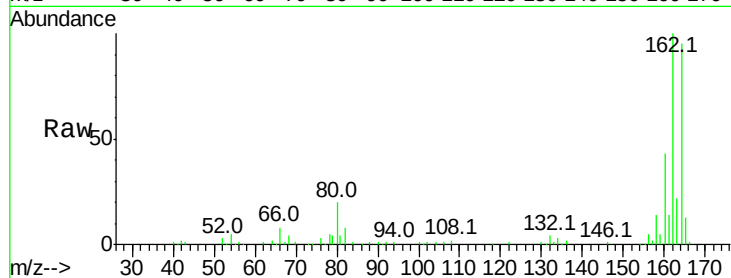
Tot Ion:164 Resp: 192929

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

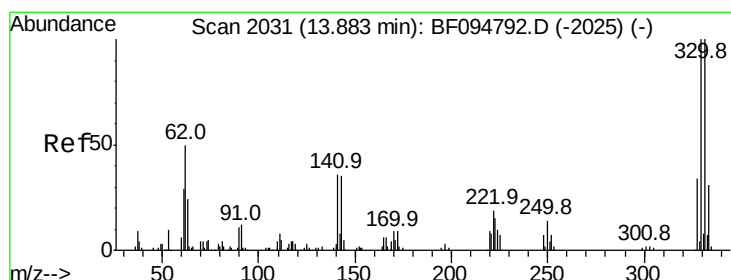
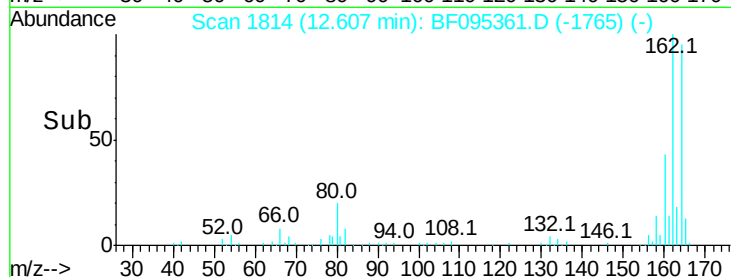
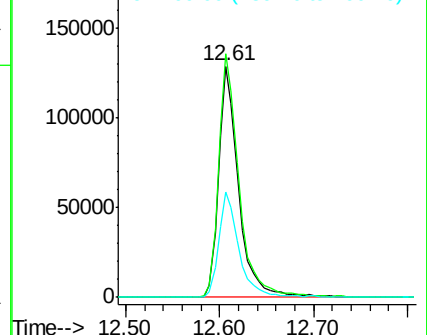
160 45.5 36.2 54.2



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: 137.41 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095361.D

Acq: 23 May 2017 20:29

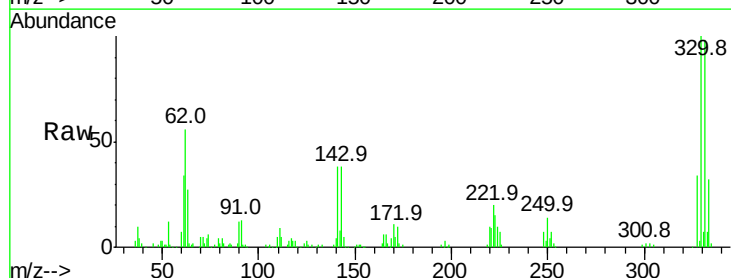
Tgt Ion:330 Resp: 217104

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

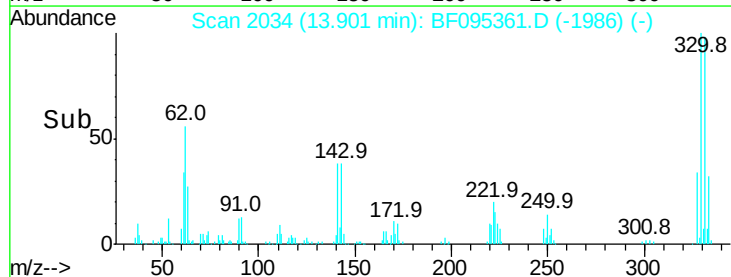
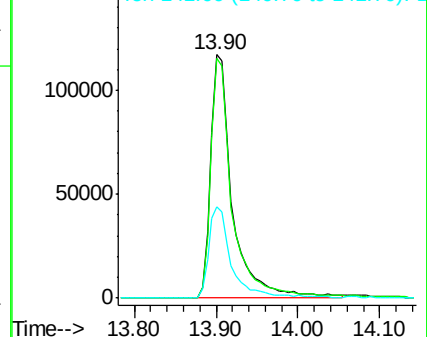
141 39.7 31.4 47.2

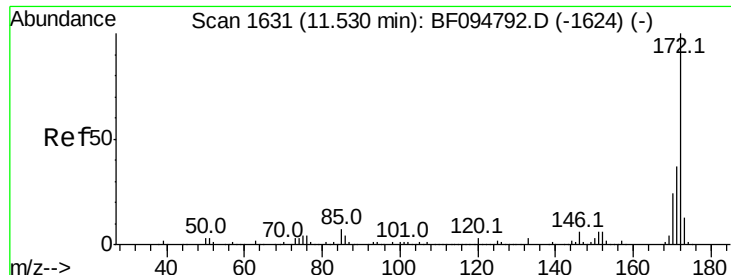


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

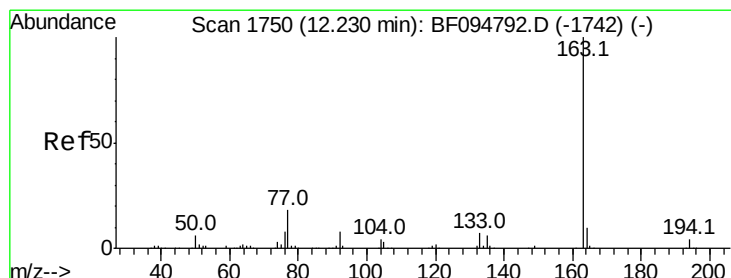
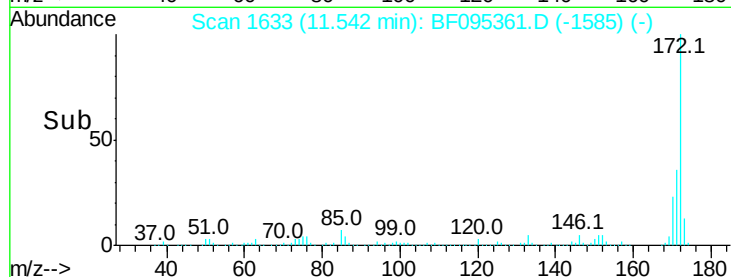
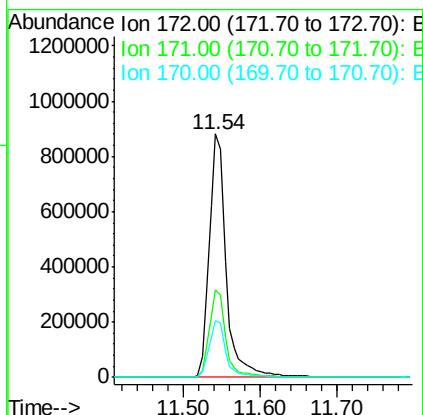
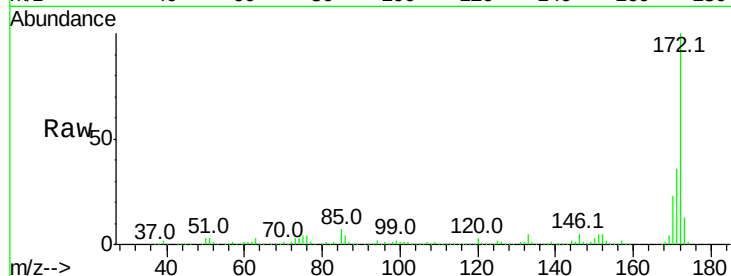




#44
2-Fluorobiphenyl
Concen: 98.87 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095361.D
Acq: 23 May 2017 20:29

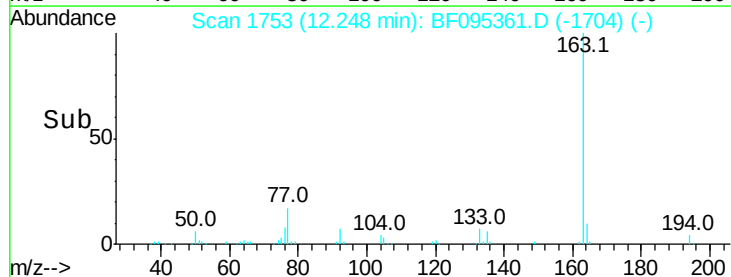
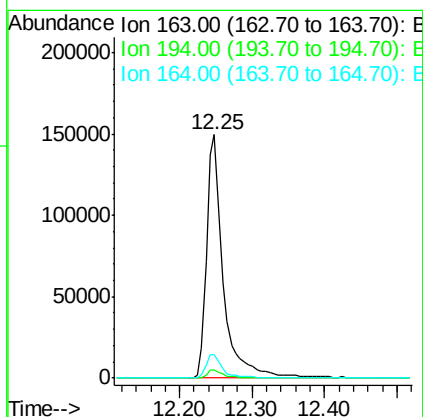
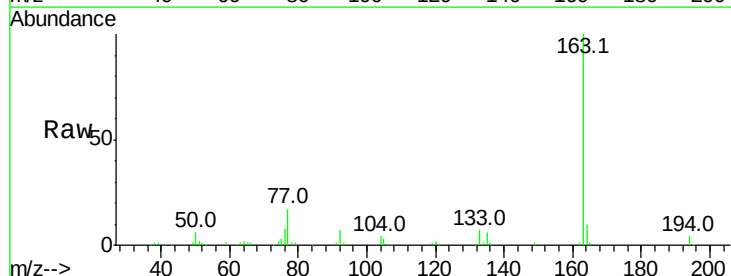
Instrument :
BNA_F
ClientSampleId :

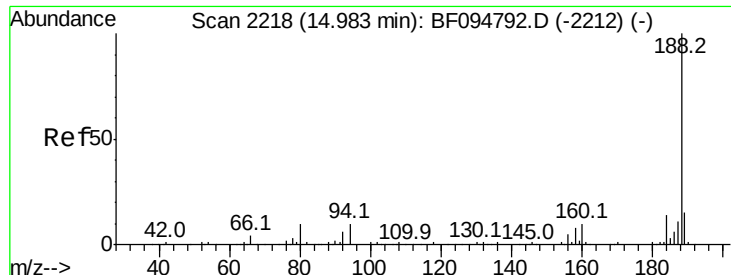
Tot Ion:172 Resp: 1325314
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 15.15 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095361.D
Acq: 23 May 2017 20:29

Tgt Ion:163 Resp: 239923
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.7 8.4 12.6

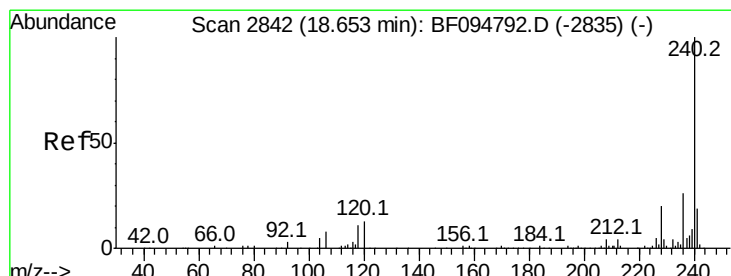
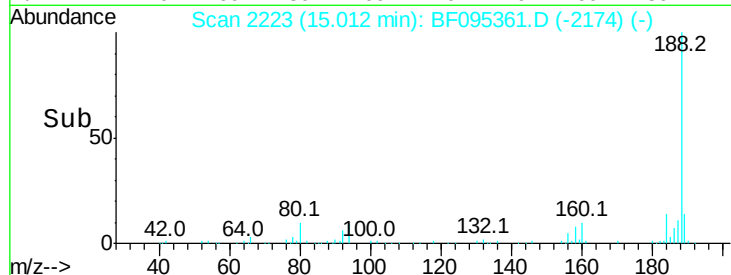
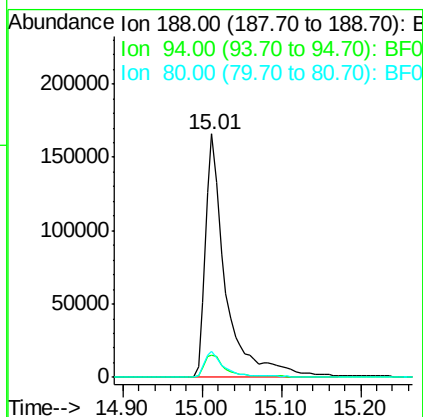
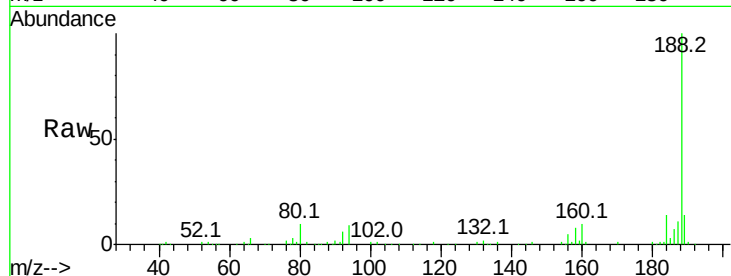




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095361.D
 Acq: 23 May 2017 20:29

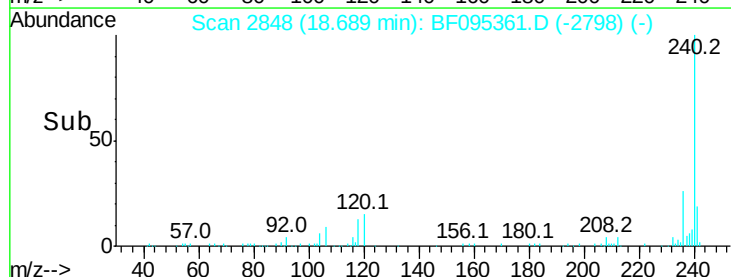
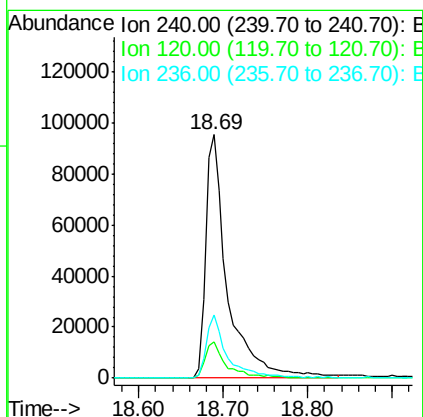
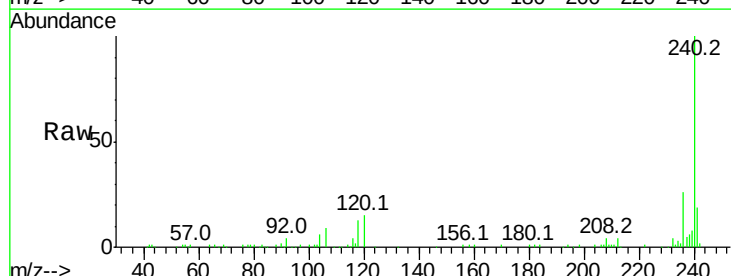
Instrument :
 BNA_F
 ClientSampleId :

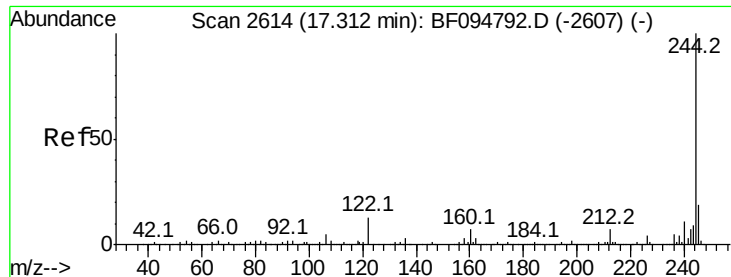
Tot Ion:188 Resp: 298488
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.4 14.2#
 80 10.5 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095361.D
 Acq: 23 May 2017 20:29

Tgt Ion:240 Resp: 172131
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 26.1 20.5 30.7

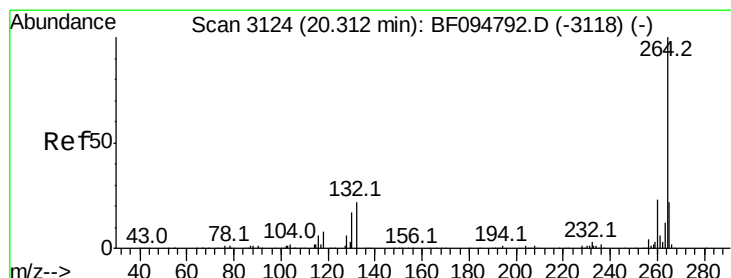
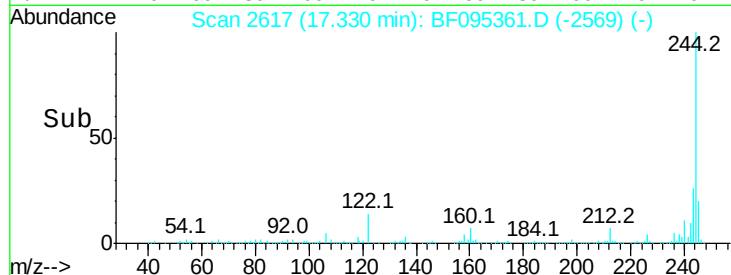
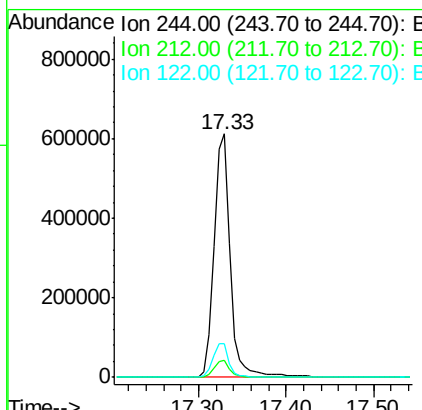
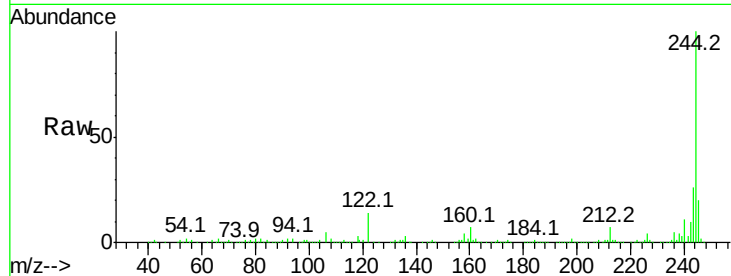




#78
 Terphenyl-d14
 Concen: 101.17 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095361.D
 Acq: 23 May 2017 20:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 790677
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095361.D
 Acq: 23 May 2017 20:29

Tgt Ion:264 Resp: 174591
 Ion Ratio Lower Upper
 264 100
 260 21.5 19.5 29.3
 265 20.9 17.2 25.8

