

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095332.D
 Acq On : 23 May 2017 2:58
 Operator : SJ/MA
 Sample : I3278-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 05:02:23 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

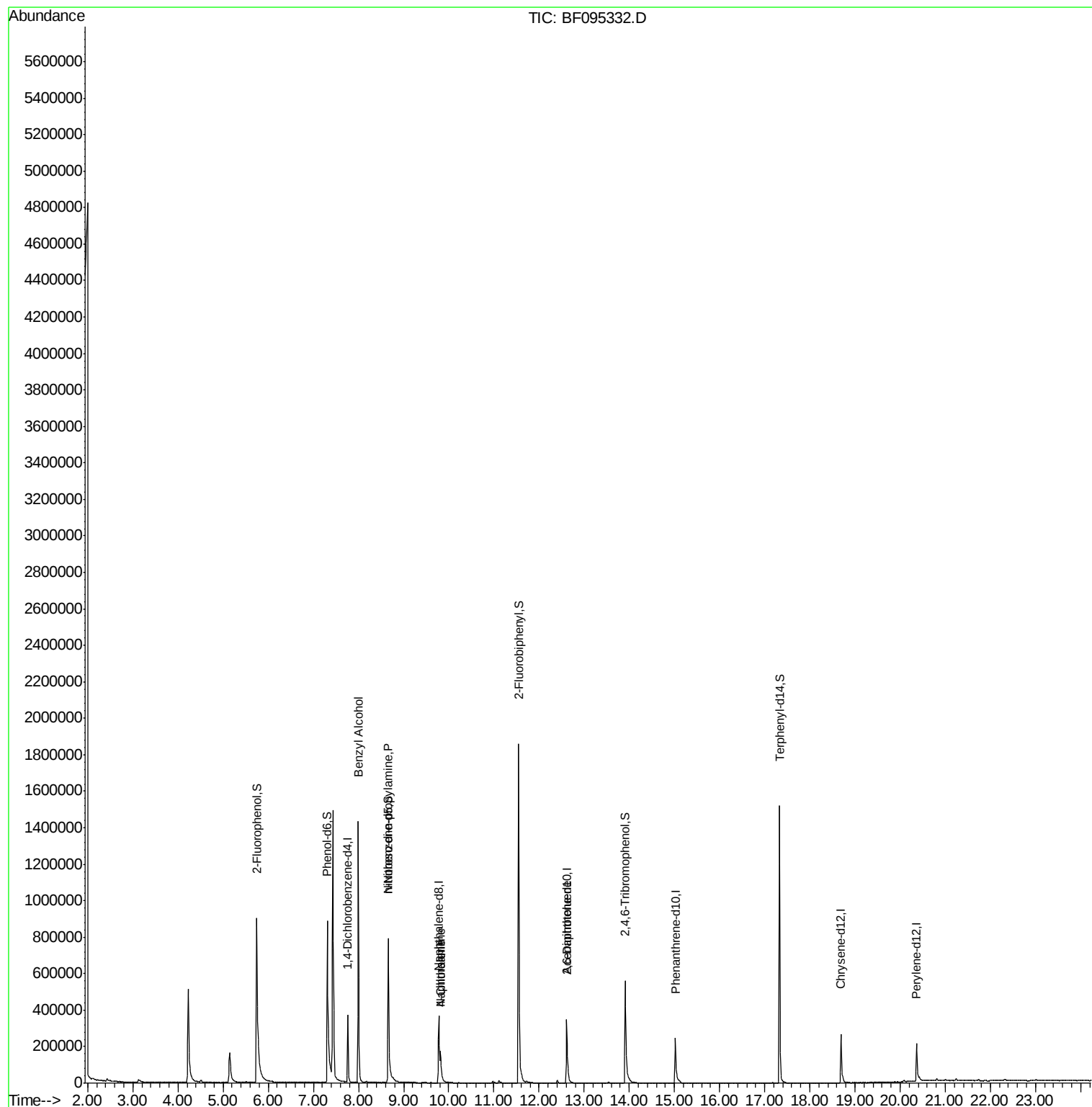
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	83537	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	349216	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	146527	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	190350	20.00	ng	0.00
75) Chrysene-d12	18.69	240	177526	20.00	ng	0.00
86) Perylene-d12	20.36	264	136872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	706059	140.91	ng	0.00
7) Phenol-d6	7.31	99	763711	127.03	ng	0.00
23) Nitrobenzene-d5	8.66	82	510469	92.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	147912	123.26	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1050432	103.18	ng	-0.01
78) Terphenyl-d14	17.33	244	634659	78.74	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.00	79	8217	2.13	ng	# 42
19) n-Nitroso-di-n-propylamine	8.66	70	59449	14.62	ng	# 75
31) Naphthalene	9.81	128	133940	7.63	ng	99
33) 4-Chloroaniline	9.81	127	17489	2.67	ng	# 28
50) 2,6-Dinitrotoluene	12.61	165	14821	6.04	ng	# 31

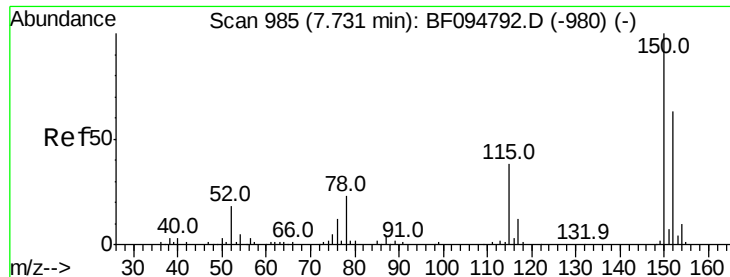
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Instrument :

BNA_F

ClientSampleId :

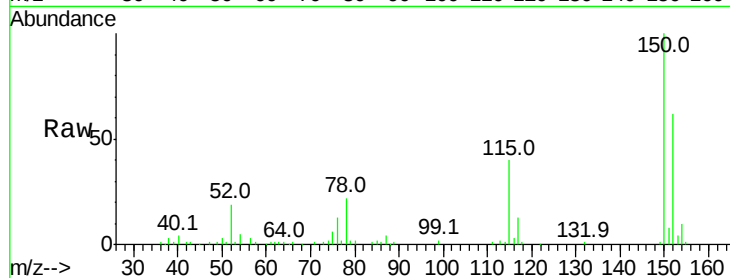
Tot Ion:152 Resp: 83537

Ion Ratio Lower Upper

152 100

150 161.6 126.2 189.2

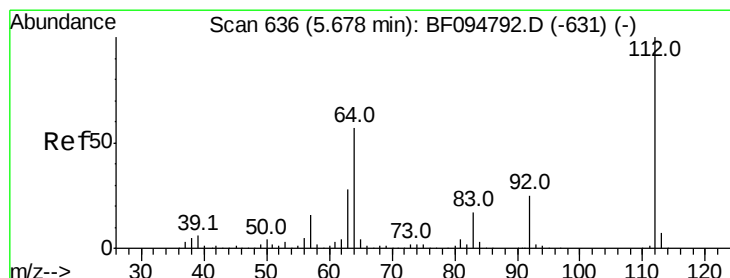
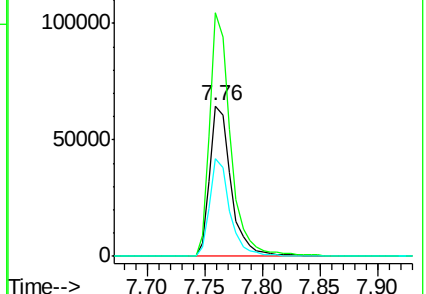
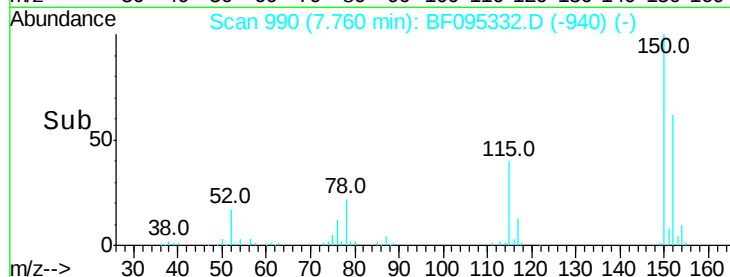
115 64.5 52.2 78.2



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: 140.91 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

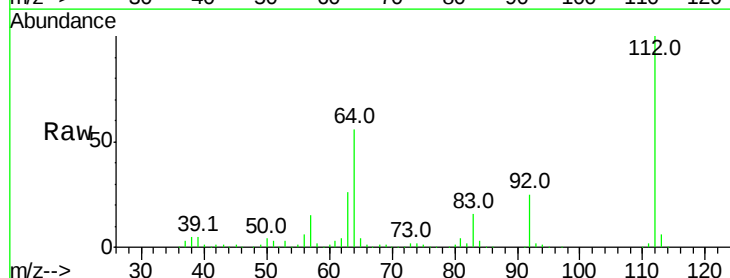
Tgt Ion:112 Resp: 706059

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

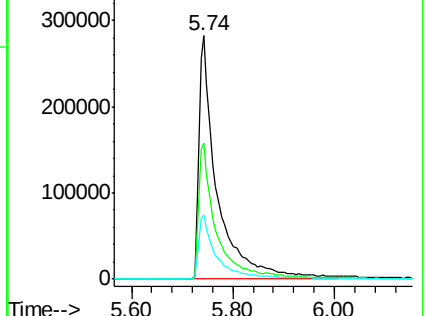
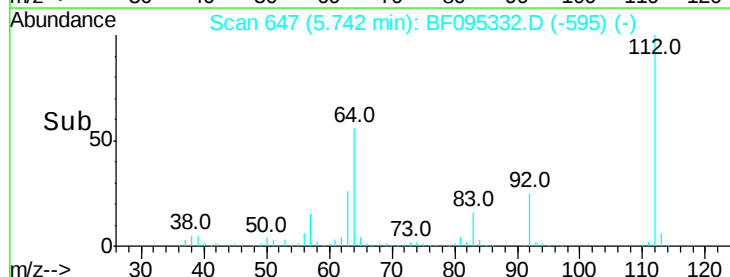
63 26.4 23.4 35.0

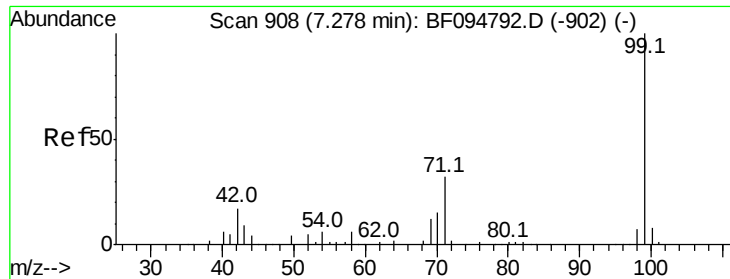


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.03 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Instrument :

BNA_F

ClientSampleId :

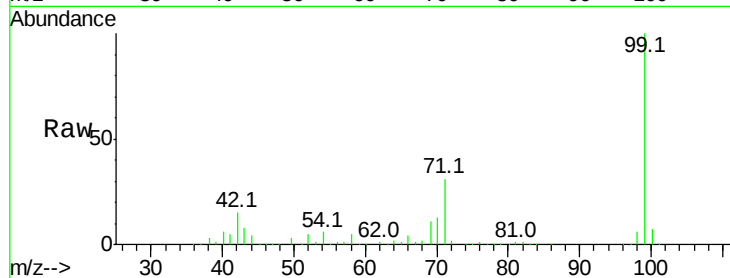
Tot Ion: 99 Resp: 763711

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

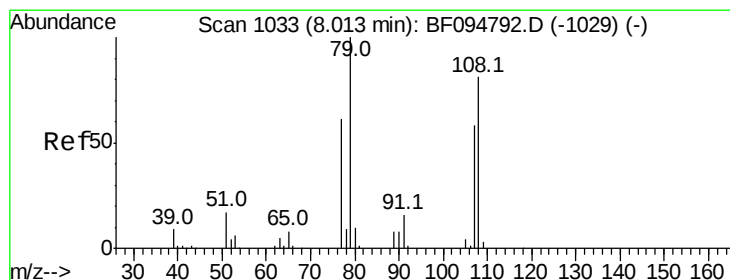
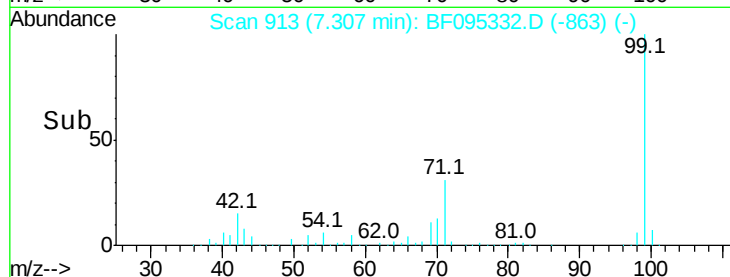
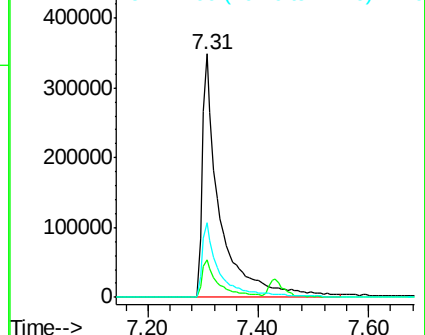
71 30.5 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

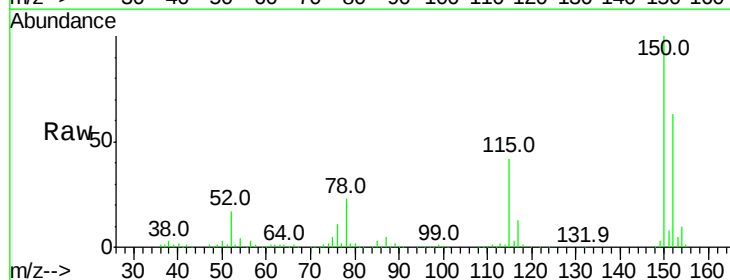
Tgt Ion: 79 Resp: 8217

Ion Ratio Lower Upper

79 100

108 26.9 63.4 95.0#

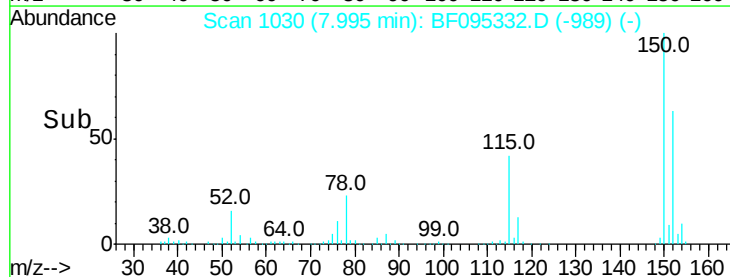
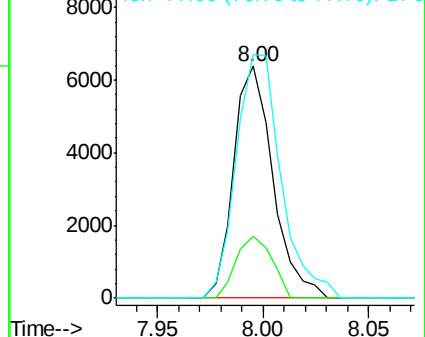
77 105.0 49.2 73.8#

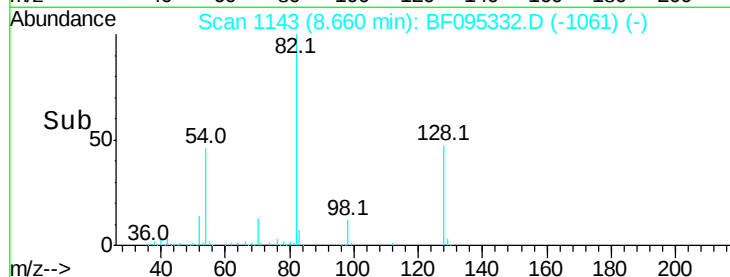
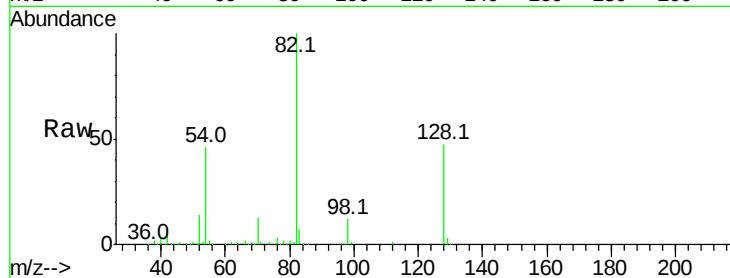
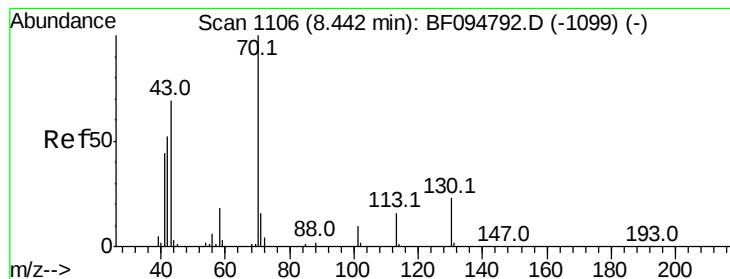


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 14.62 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59449

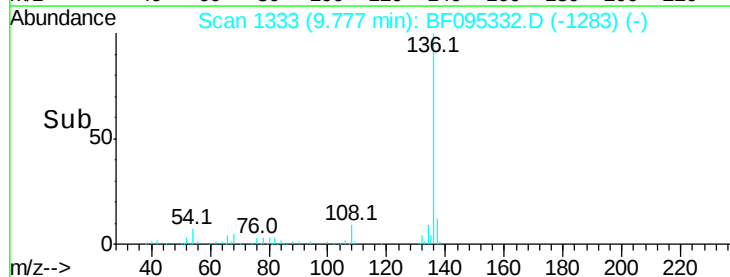
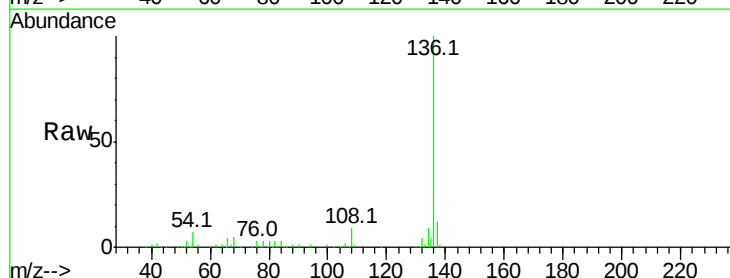
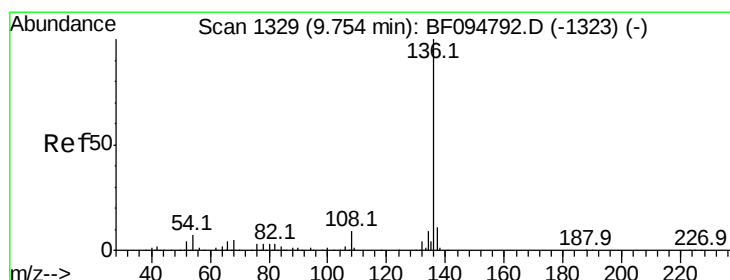
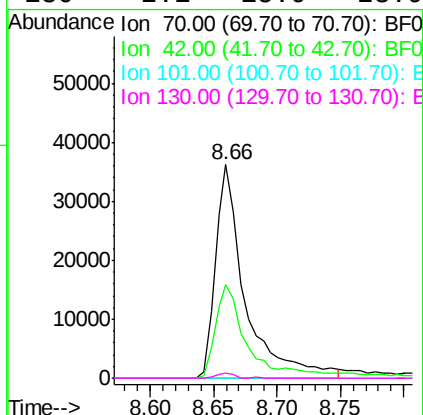
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Tgt Ion: 136 Resp: 349216

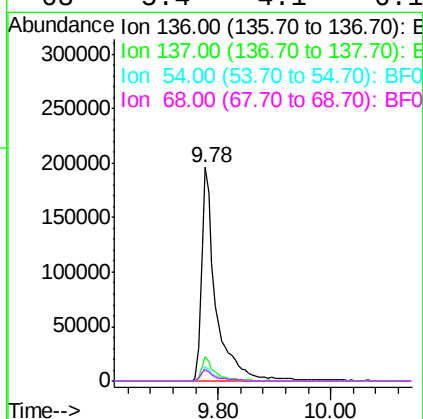
Ion Ratio Lower Upper

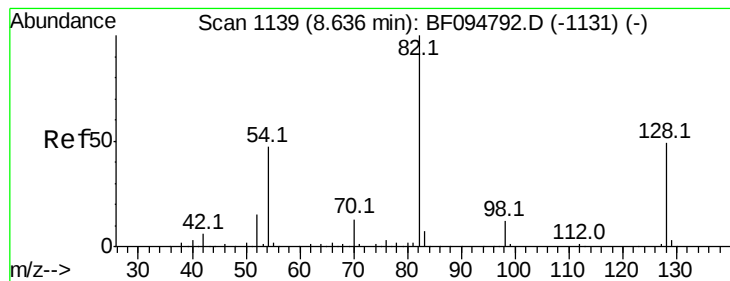
136 100

137 11.6 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 92.18 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Instrument :

BNA_F

ClientSampleId :

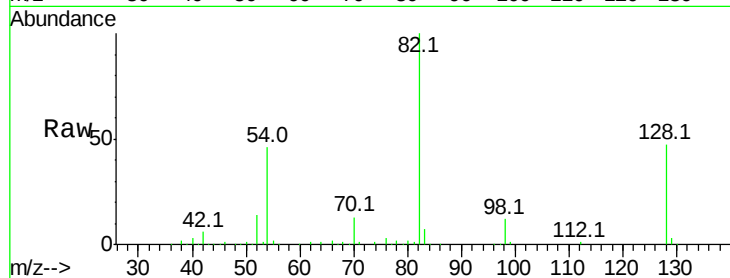
Tot Ion: 82 Resp: 510469

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

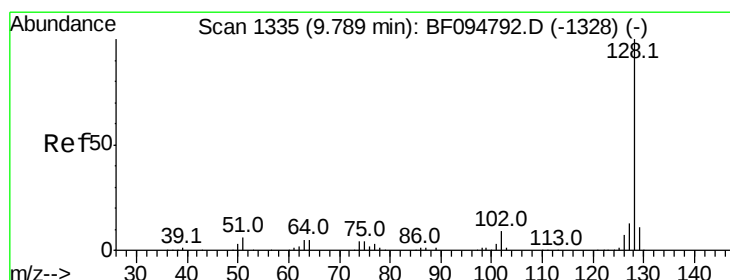
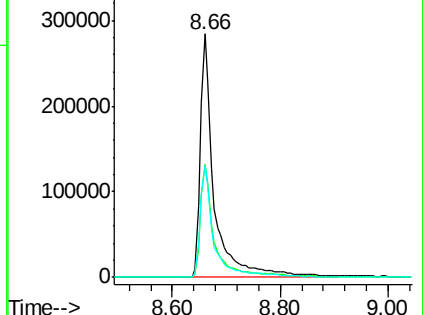
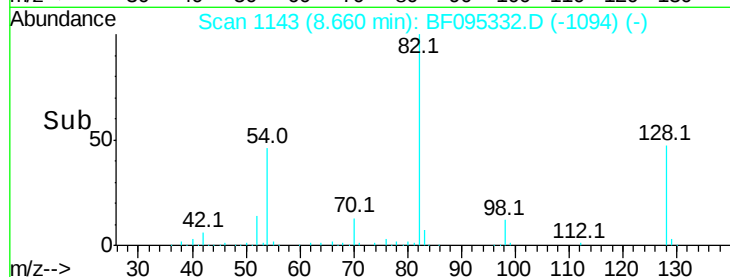
54 45.9 42.2 63.2



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: 7.63 ng

RT: 9.81 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

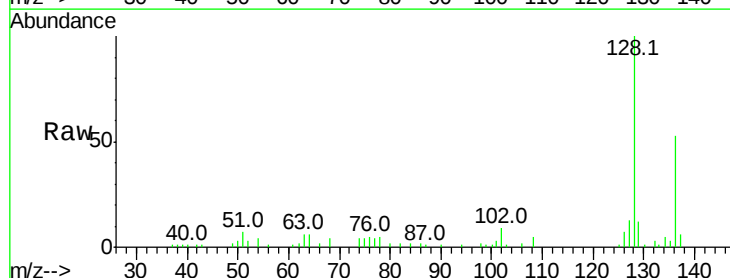
Tgt Ion: 128 Resp: 133940

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

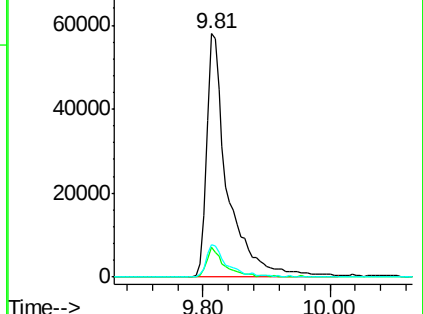
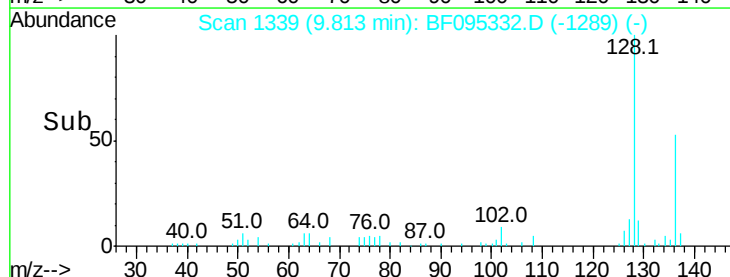
127 13.4 10.8 16.2

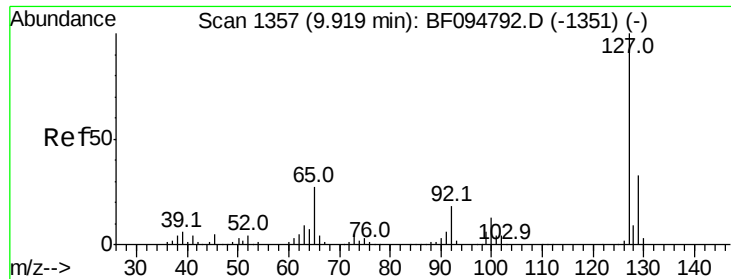


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

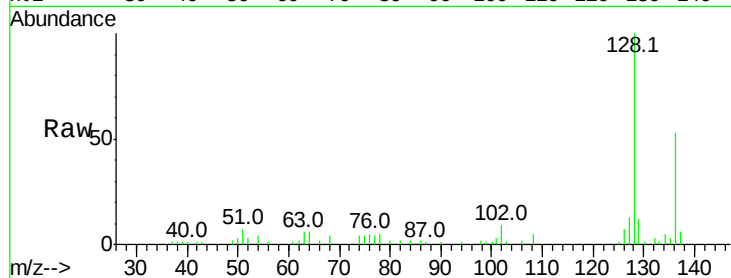




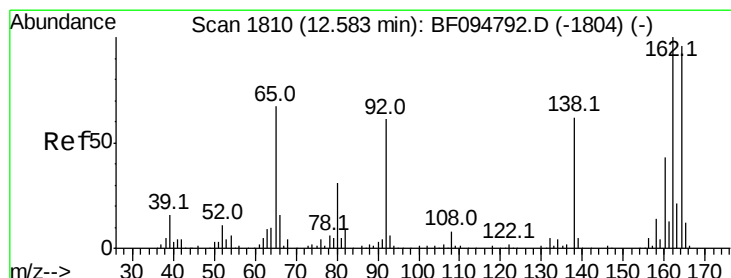
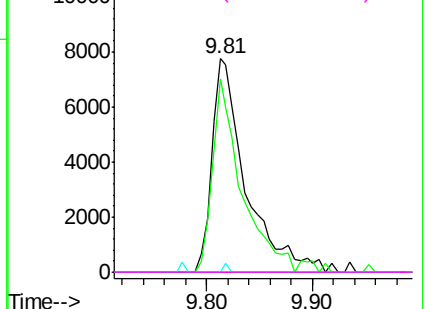
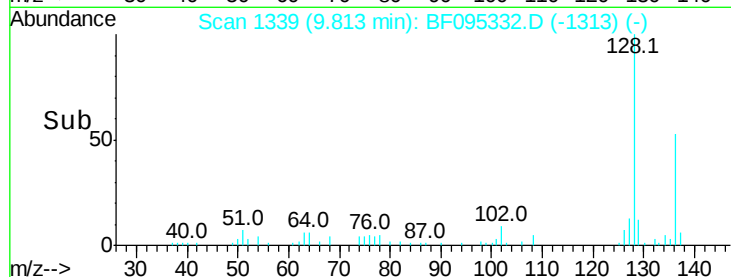
#33
4-Chloroaniline
Concen: 2.67 ng
RT: 9.81 min Scan# 1339
Delta R.T. -0.15 min
Lab File: BF095332.D
Acq: 23 May 2017 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 17489
Ion Ratio Lower Upper
127 100
129 90.7 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#

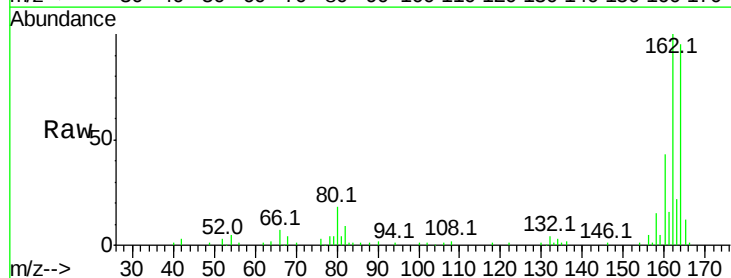


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

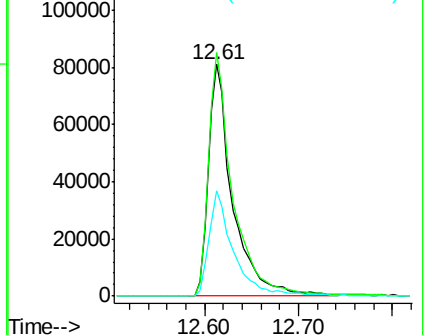
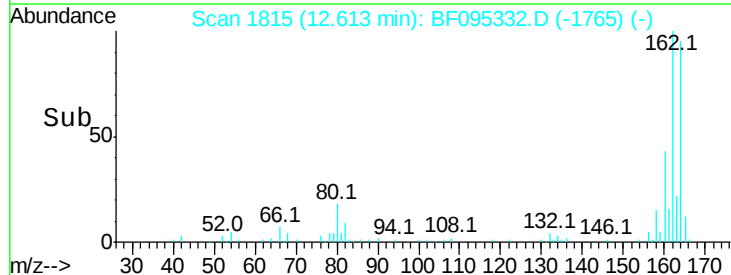


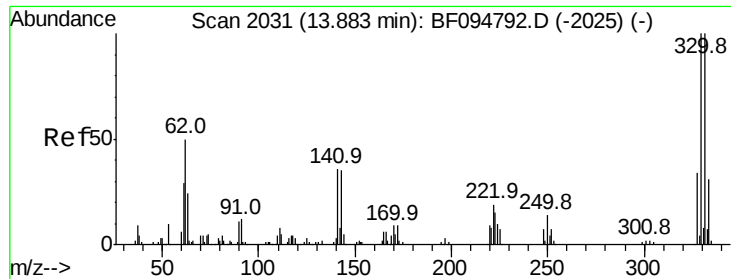
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF095332.D
Acq: 23 May 2017 2:58

Tgt Ion:164 Resp: 146527
Ion Ratio Lower Upper
164 100
162 105.0 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

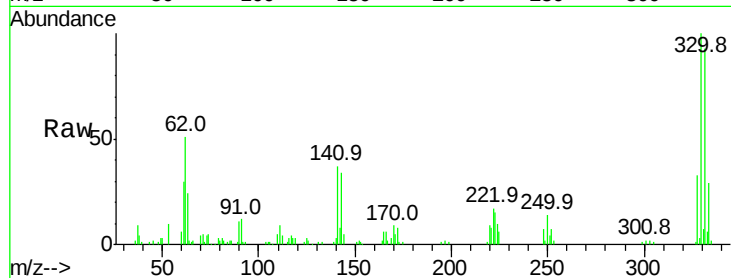




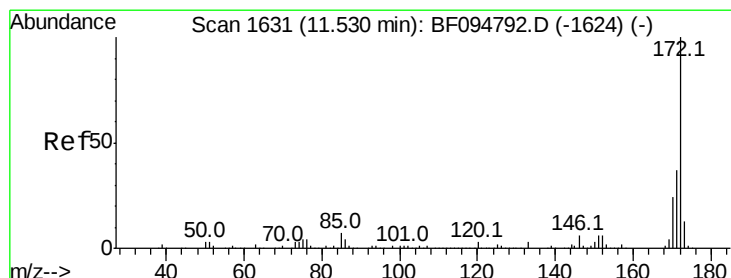
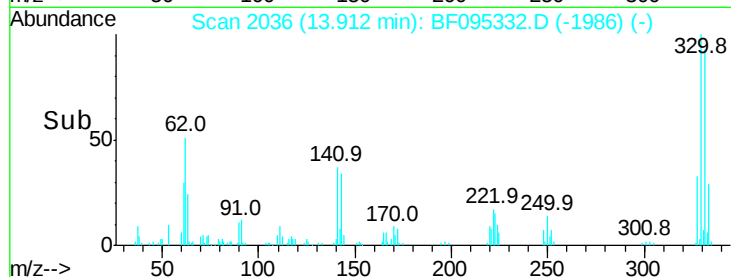
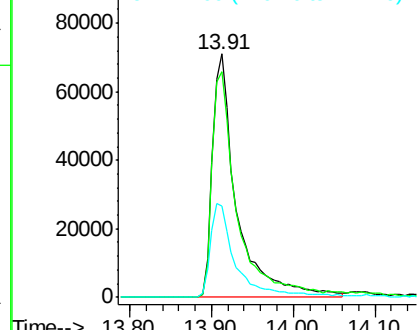
#41
 2,4,6-Tribromophenol
 Concen: 123.26 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	39.8	31.4	47.2

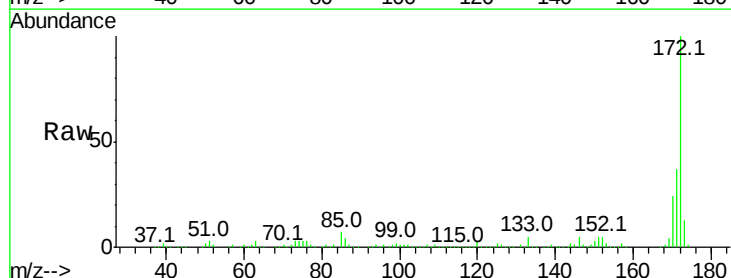


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

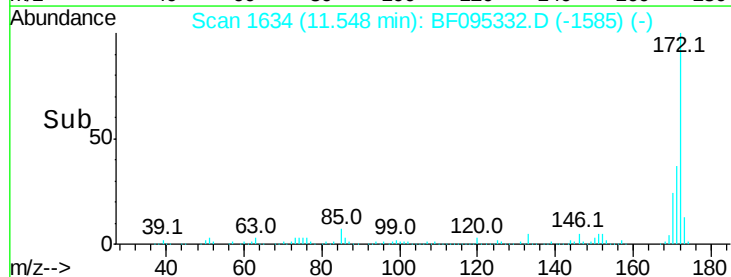
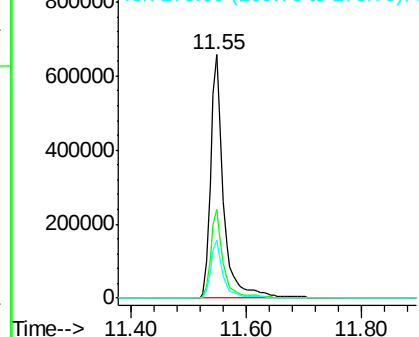


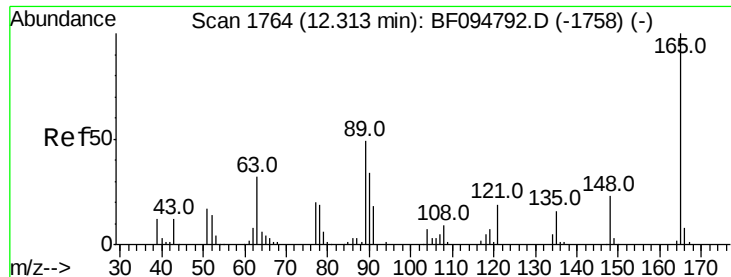
#44
 2-Fluorobiphenyl
 Concen: 103.18 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.8	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

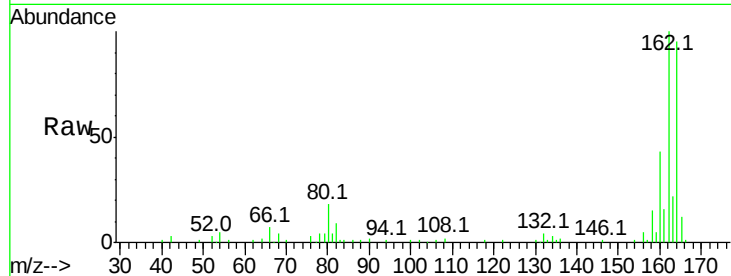




#50
 2,6-Dinitrotoluene
 Concen: 6.04 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

Instrument :
 BNA_F
 ClientSampled :

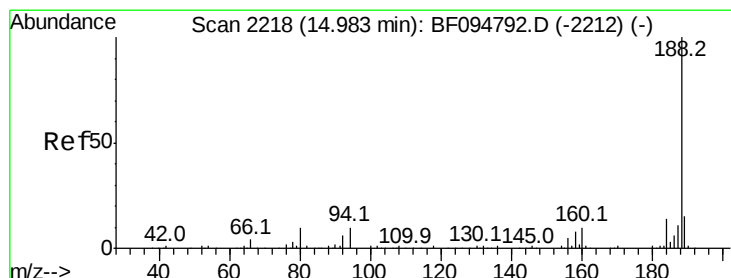
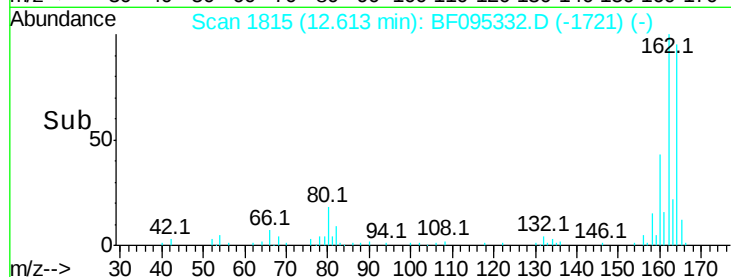
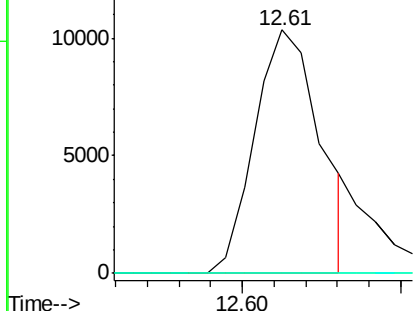
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

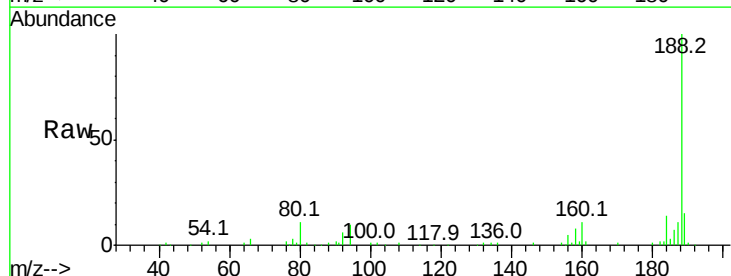
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

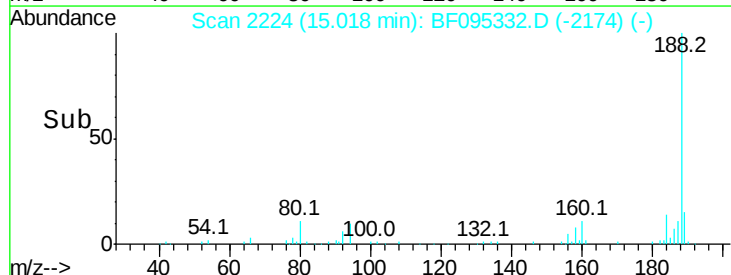
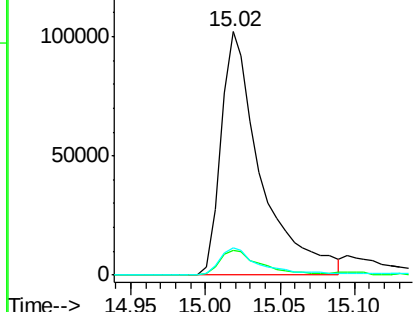
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	11.2	10.2	15.2

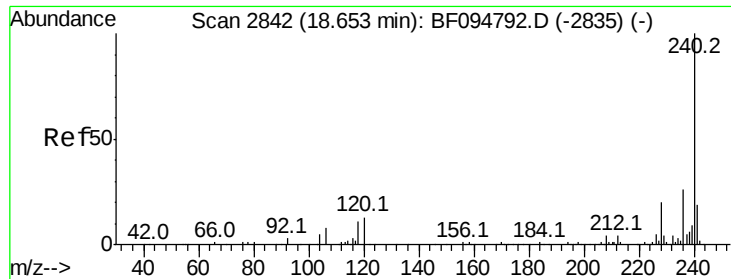


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Instrument :

BNA_F

ClientSampleId :

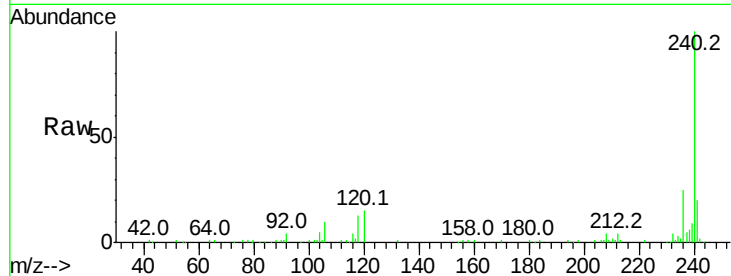
Tot Ion:240 Resp: 177526

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

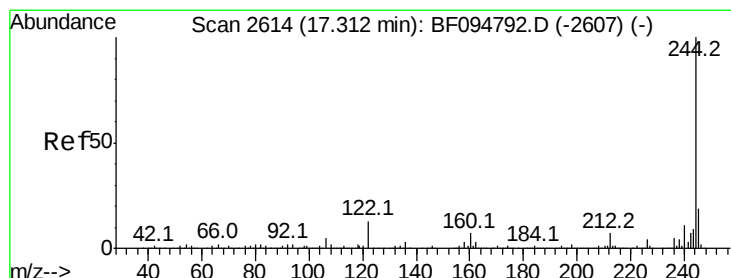
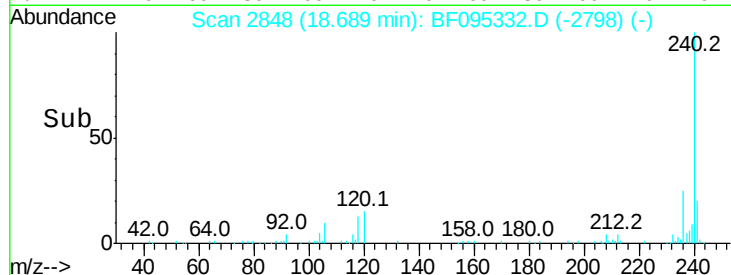
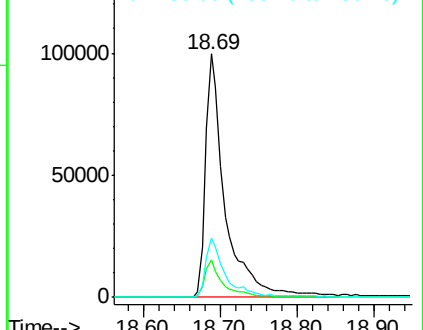
236 24.5 20.5 30.7



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: 78.74 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

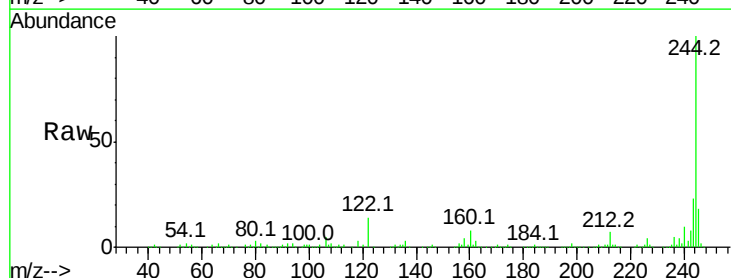
Tgt Ion:244 Resp: 634659

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

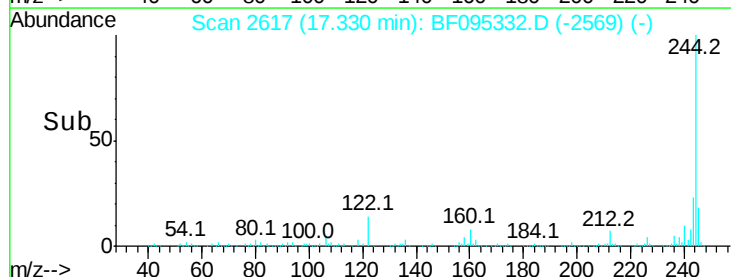
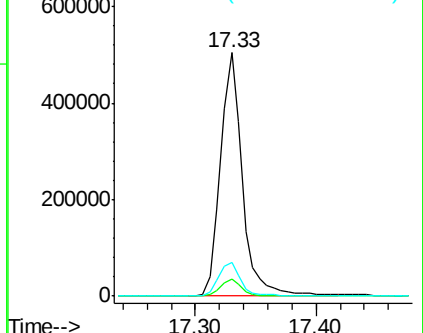
122 13.7 10.3 15.5

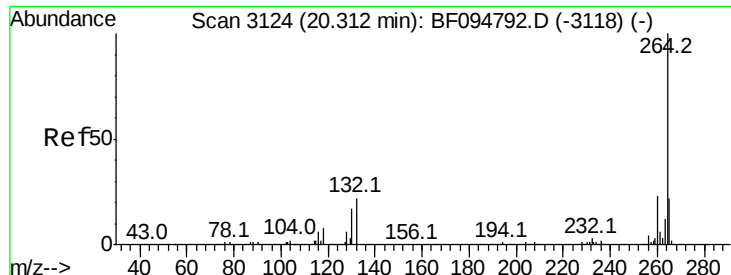


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

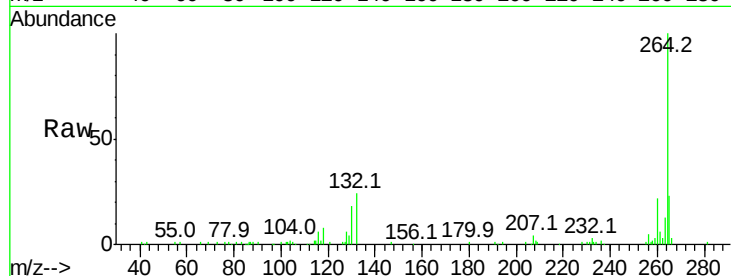




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	22.7	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

