

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095199.D
 Acq On : 17 May 2017 22:48
 Operator : SJ/MA
 Sample : I3188-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:12:49 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

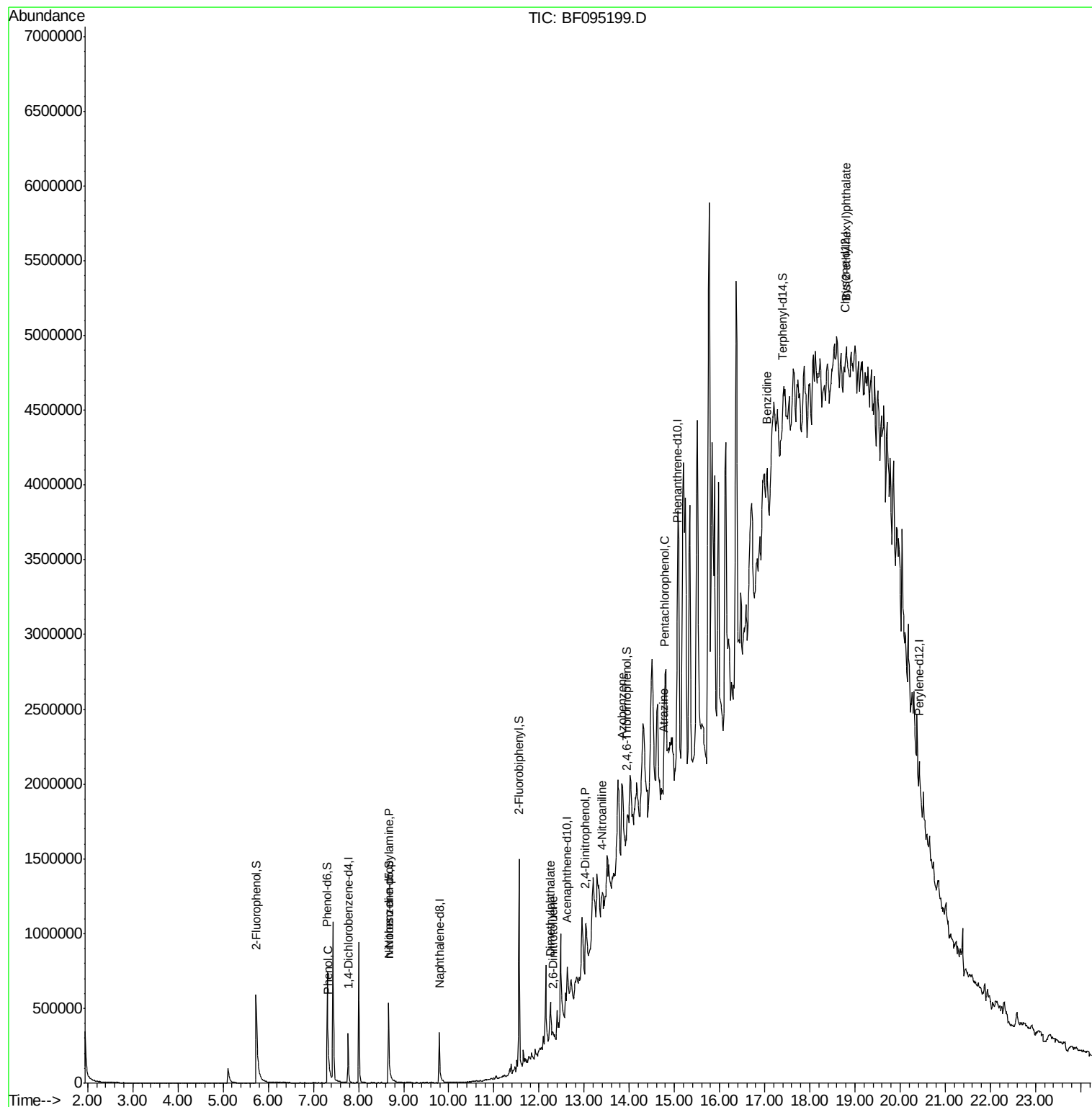
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	77982	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	298999	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	108098	20.00	ng	0.04
63) Phenanthrene-d10	15.06	188	141498	20.00	ng	0.08
75) Chrysene-d12	18.78	240	84129	20.00	ng	0.12
86) Perylene-d12	20.43	264	133214	20.00	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	488999	104.55	ng	0.05
7) Phenol-d6	7.31	99	598497	106.64	ng	0.03
23) Nitrobenzene-d5	8.67	82	338541	71.40	ng	0.03
41) 2,4,6-Tribromophenol	13.95	330	86697	97.93	ng	0.06
44) 2-Fluorobiphenyl	11.56	172	654397	87.13	ng	0.03
78) Terphenyl-d14	17.39	244	288846	75.62	ng	0.08
Target Compounds						
10) Phenol	7.33	94	12536	2.12	ng	# 28
19) n-Nitroso-di-n-propylamine	8.67	70	41732	10.99	ng	# 76
49) Dimethylphthalate	12.25	163	106921	12.05	ng	# 96
50) 2,6-Dinitrotoluene	12.32	165	5818	3.21	ng	# 37
53) 2,4-Dinitrophenol	13.02	184	114	6.35	ng	# 1
61) 4-Nitroaniline	13.39	138	21211	11.89	ng	# 84
62) Azobenzene	13.84	77	16475	2.41	ng	# 1
68) Atrazine	14.75	200	5135	3.54	ng	# 1
69) Pentachlorophenol	14.78	266	220	6.16	ng	# 1
76) Benzidine	17.05	184	1531	7.17	ng	# 1
83) Bis(2-ethylhexyl)phthalate	18.80	149	171344	41.09	ng	# 52

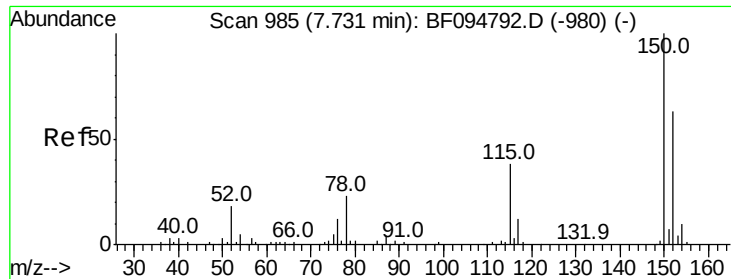
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095199.D
Acq On : 17 May 2017 22:48
Operator : SJ/MA
Sample : I3188-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 18 04:12:49 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



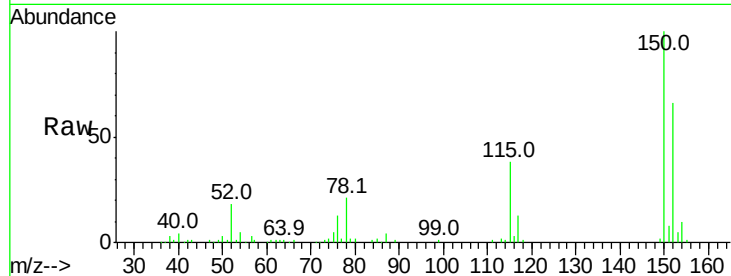


#1

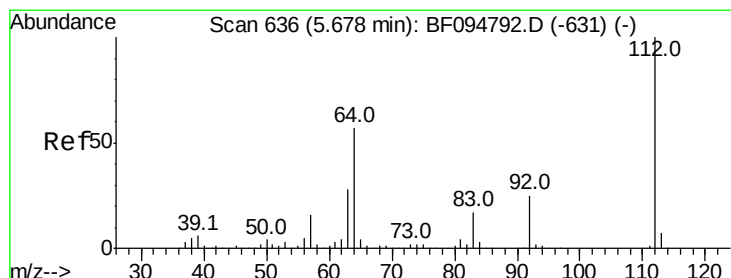
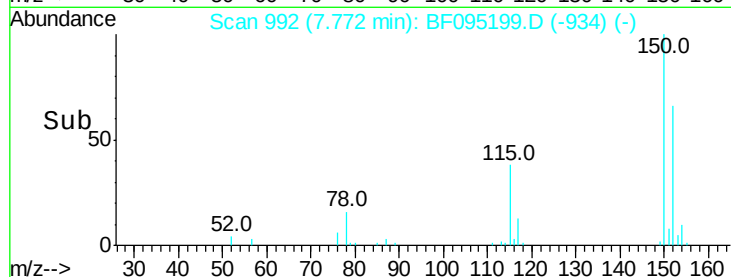
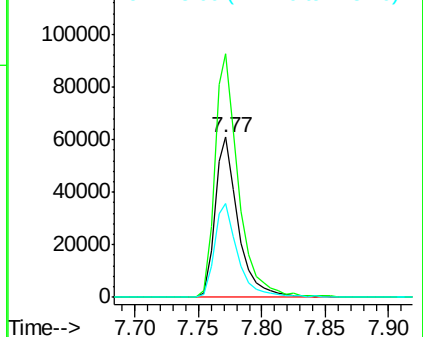
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095199.D
Acq: 17 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77982
Ion Ratio Lower Upper
152 100
150 152.4 126.2 189.2
115 58.5 52.2 78.2



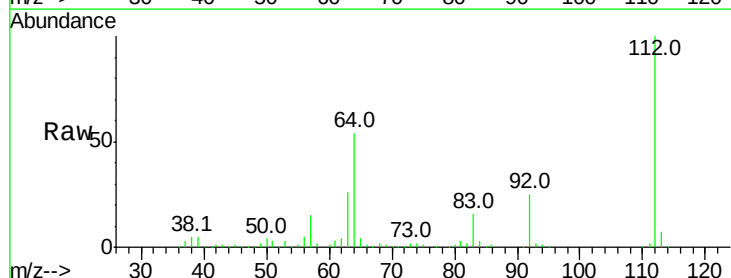
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



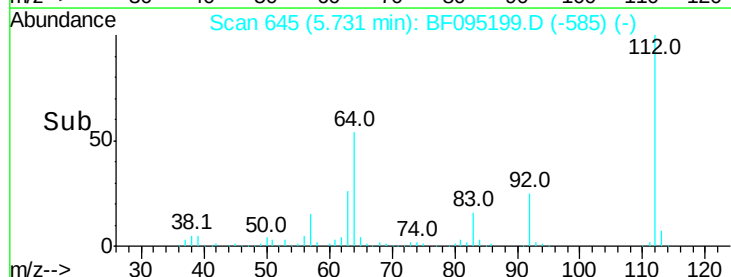
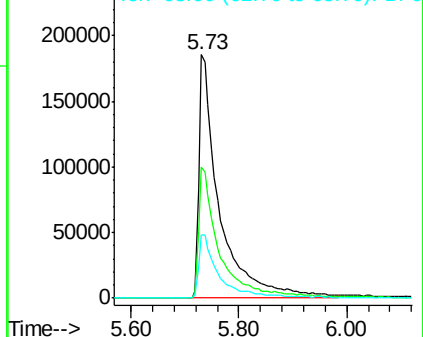
#5

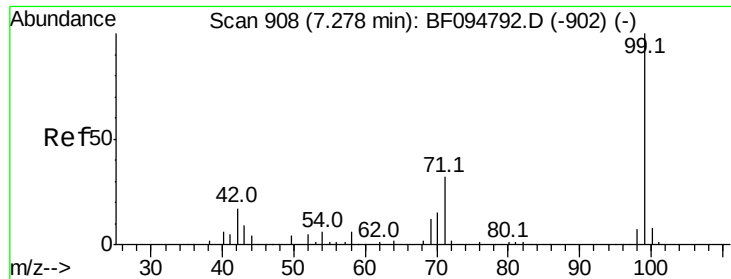
2-Fluorophenol
Concen: 104.55 ng
RT: 5.73 min Scan# 645
Delta R.T. 0.05 min
Lab File: BF095199.D
Acq: 17 May 2017 22:48

Tgt Ion:112 Resp: 488999
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 25.8 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: 106.64 ng

RT: 7.31 min Scan# 913

Delta R.T. 0.03 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

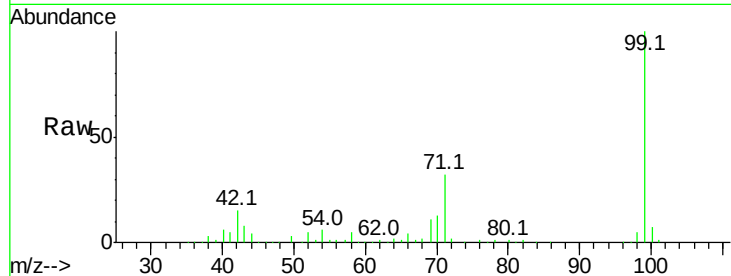
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 598497

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	32.0	24.5	36.7

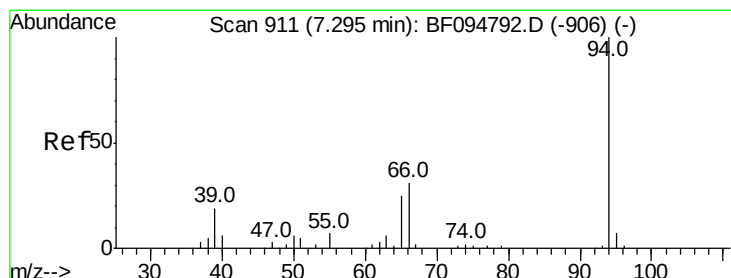
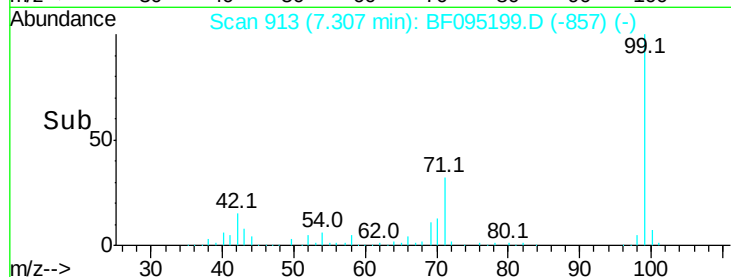
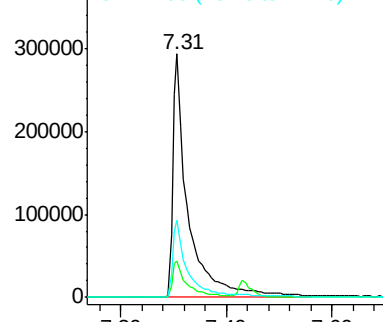


Abundance

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



#10

Phenol

Concen: 2.12 ng

RT: 7.33 min Scan# 917

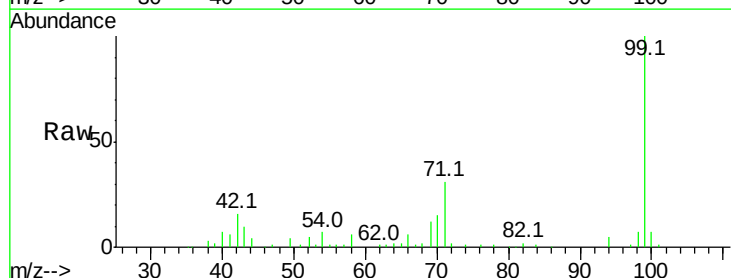
Delta R.T. 0.04 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

Tgt Ion: 94 Resp: 12536

Ion	Ratio	Lower	Upper
94	100		
65	39.5	9.9	49.9
66	113.4	23.1	63.1#

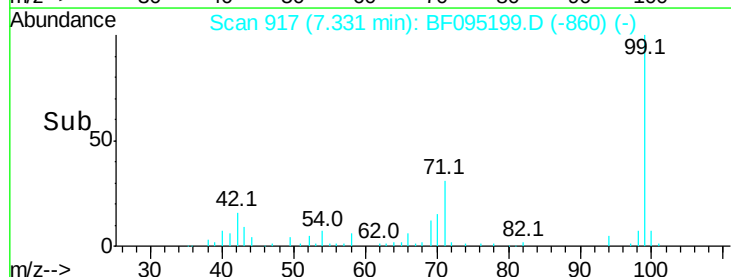
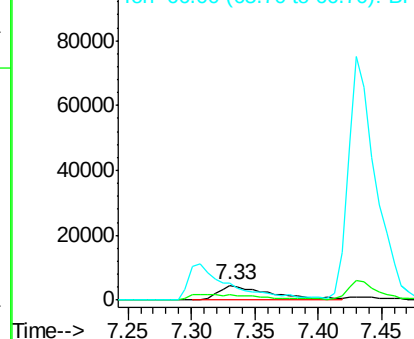


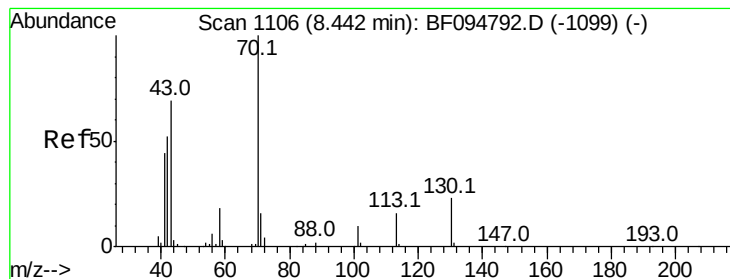
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 10.99 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.22 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 41732

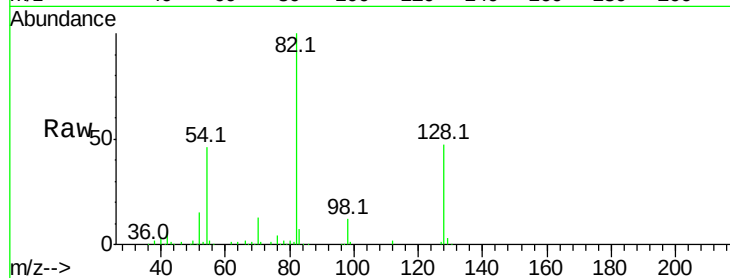
Ion Ratio Lower Upper

70 100

42 44.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

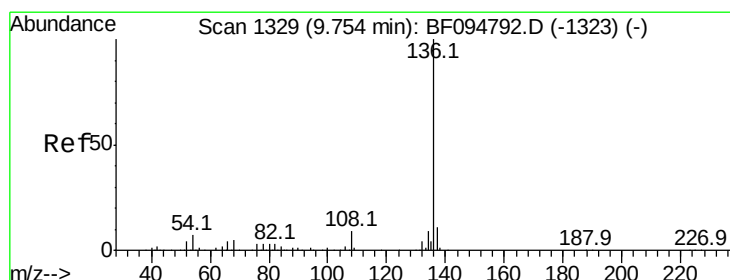
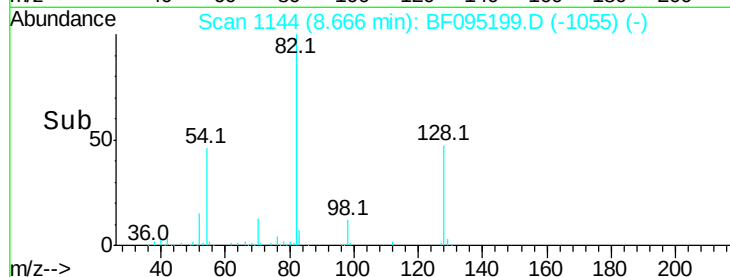
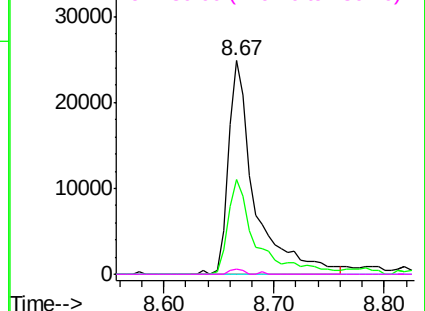


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

Tgt Ion: 136 Resp: 298999

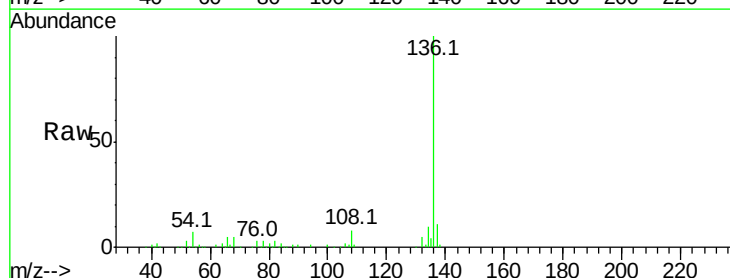
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 4.8 4.1 6.1

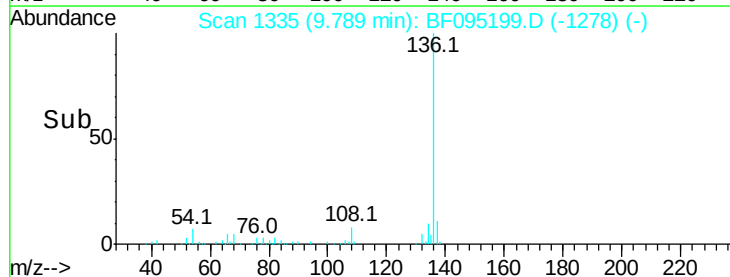
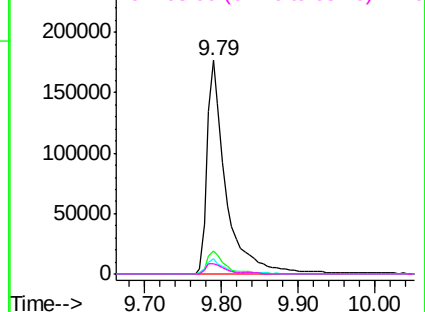


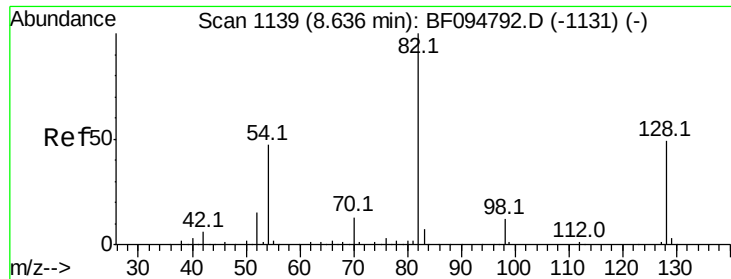
Abundance Ion 136.00 (135.70 to 136.70): E

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

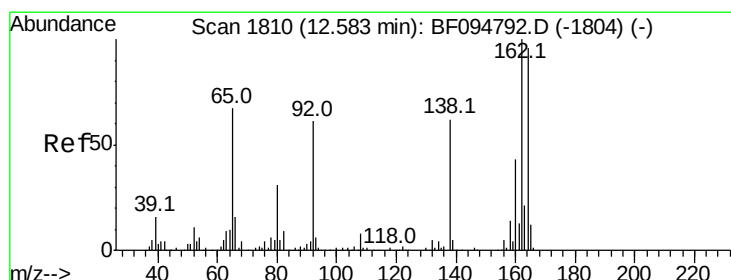
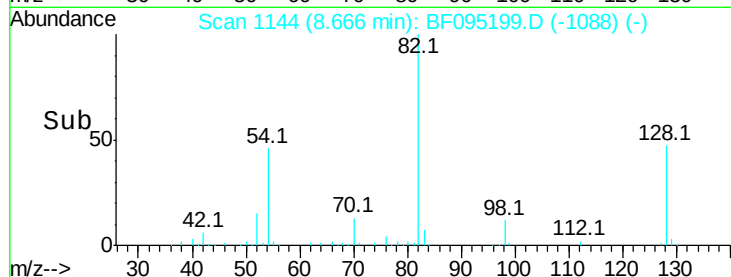
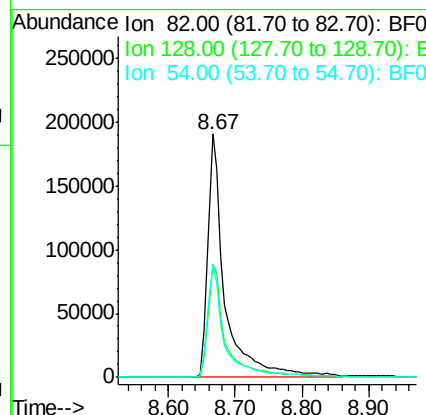
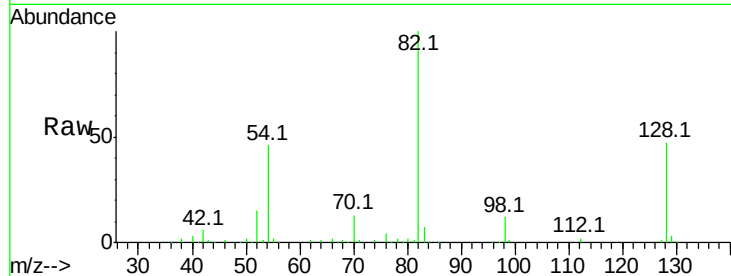




#23
 Nitrobenzene-d5
 Concen: 71.40 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. 0.03 min
 Lab File: BF095199.D
 Acq: 17 May 2017 22:48

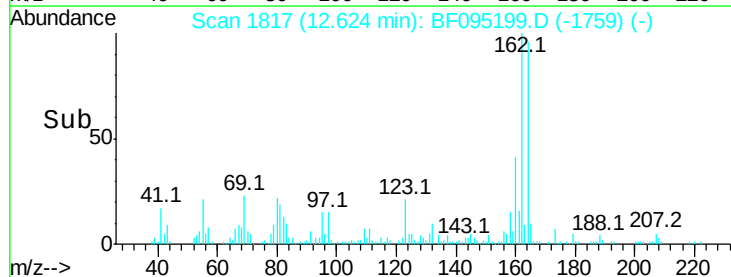
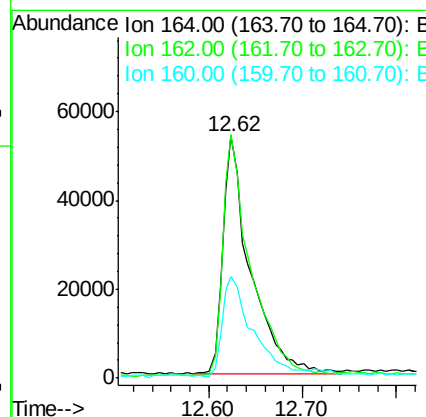
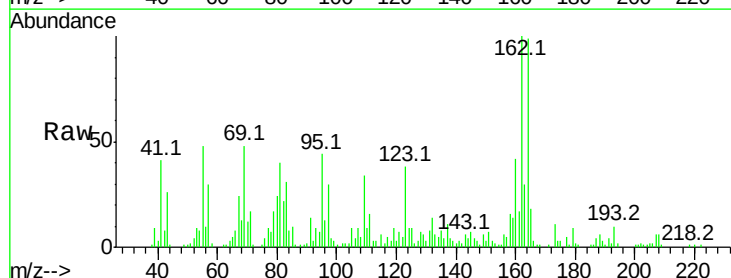
Instrument :
 BNA_F
 ClientSampleId :

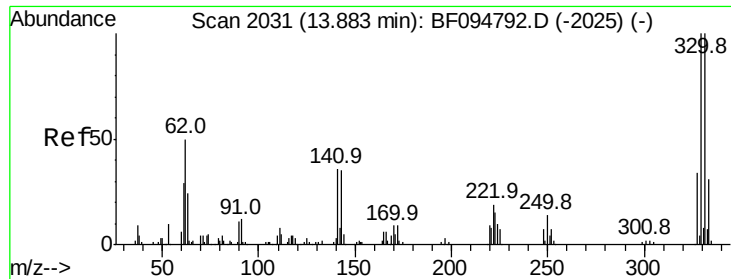
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	46.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095199.D
 Acq: 17 May 2017 22:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	41.8	36.2	54.2

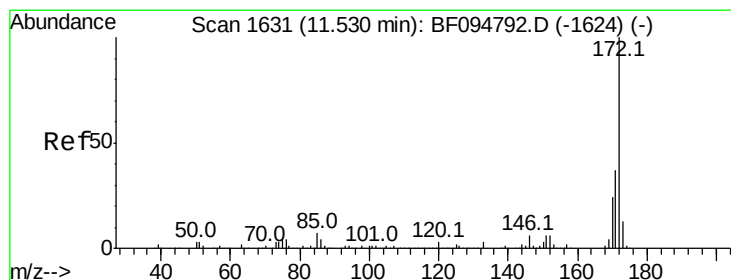
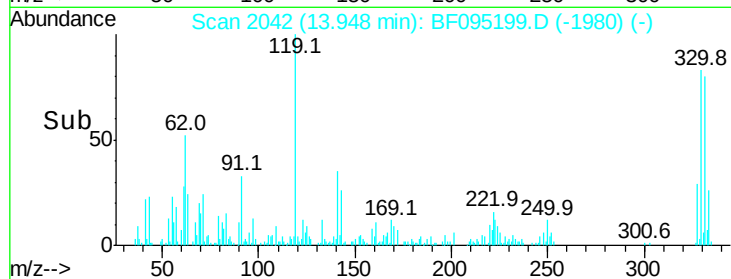
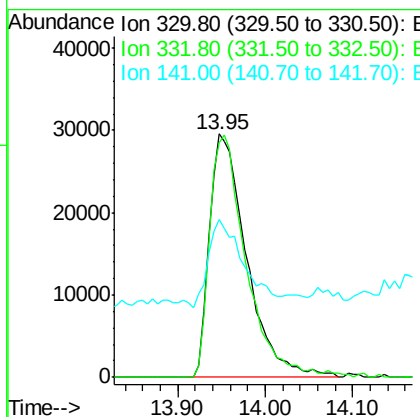
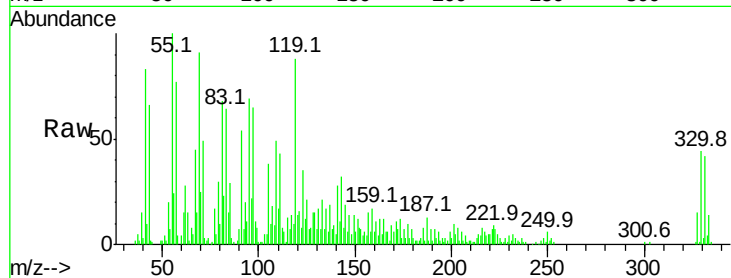




#41
 2,4,6-Tribromophenol
 Concen: 97.93 ng
 RT: 13.95 min Scan# 2042
 Delta R.T. 0.06 min
 Lab File: BF095199.D
 Acq: 17 May 2017 22:48

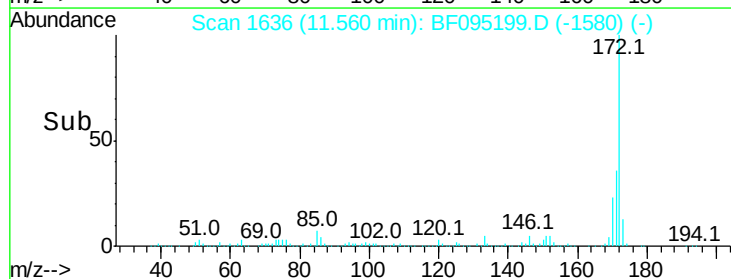
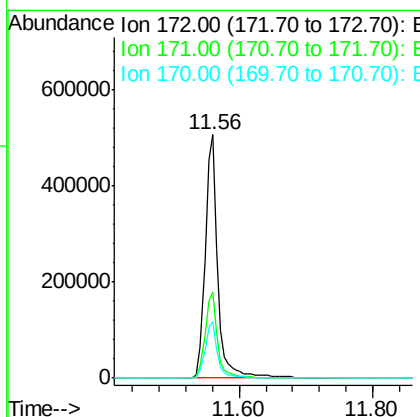
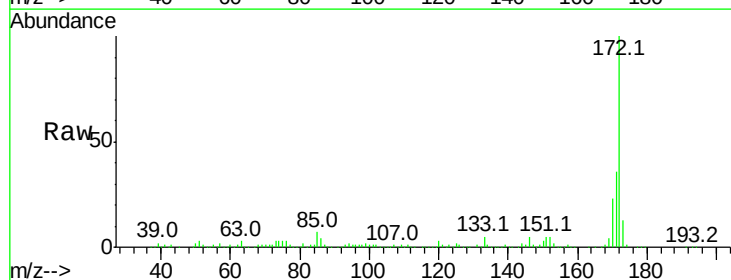
Instrument :
 BNA_F
 ClientSampled :

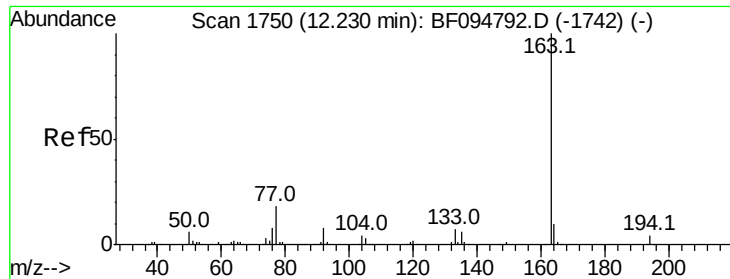
Tot Ion:330 Resp: 86697
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 35.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095199.D
 Acq: 17 May 2017 22:48

Tgt Ion:172 Resp: 654397
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.3 19.8 29.8





#49

Dimethylphthalate

Concen: 12.05 ng

RT: 12.25 min Scan# 1754

Delta R.T. 0.02 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

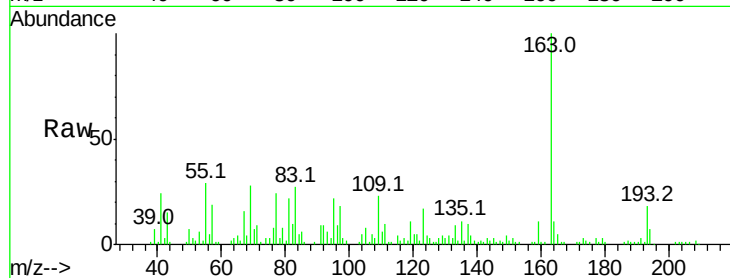
Tot Ion:163 Resp: 106921

Ion Ratio Lower Upper

163 100

194 6.9 2.6 4.0#

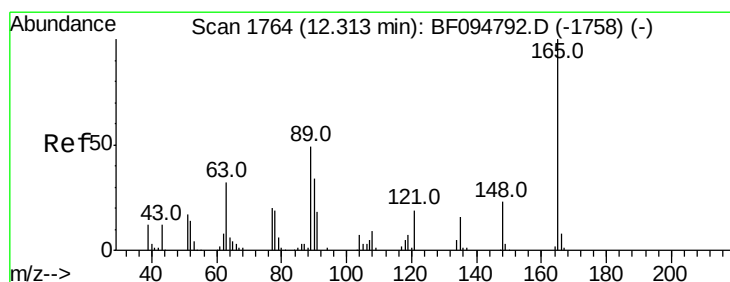
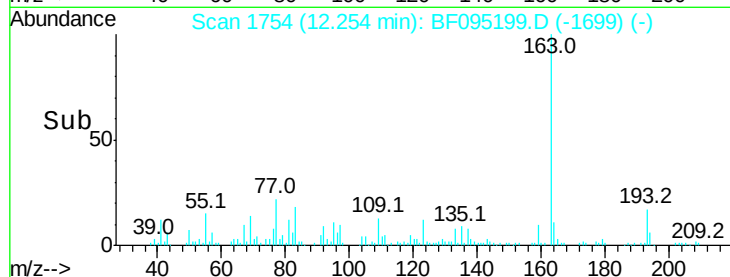
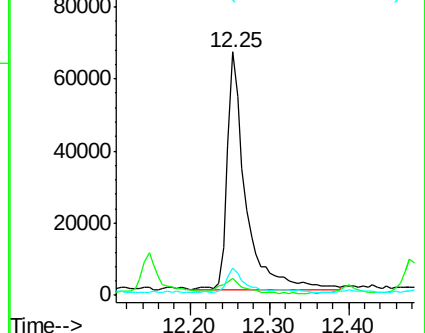
164 11.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.21 ng

RT: 12.32 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

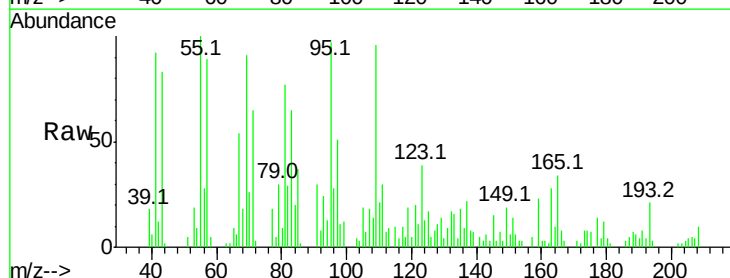
Tgt Ion:165 Resp: 5818

Ion Ratio Lower Upper

165 100

63 6.9 34.3 51.5#

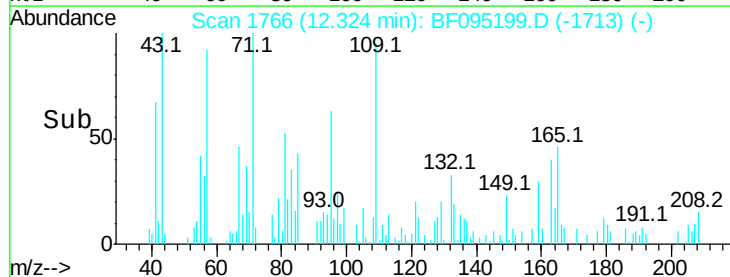
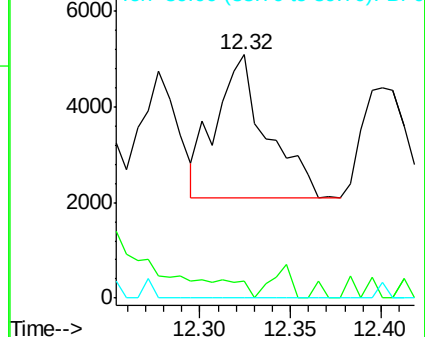
89 0.0 37.1 55.7#

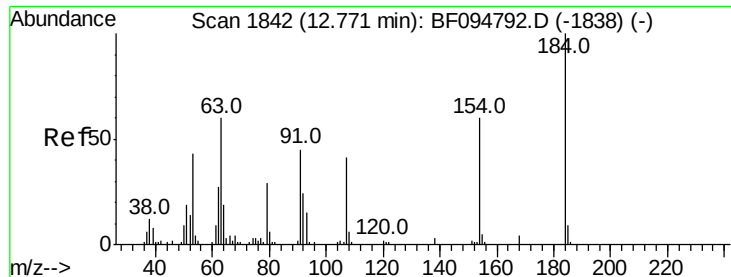


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

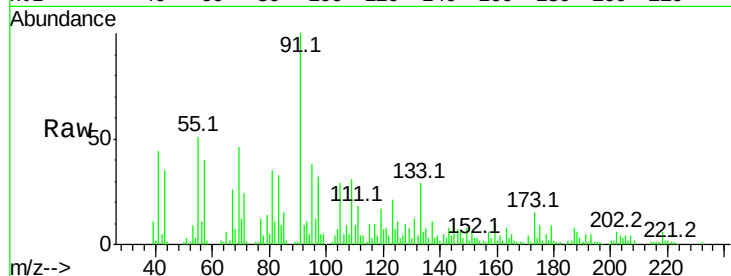




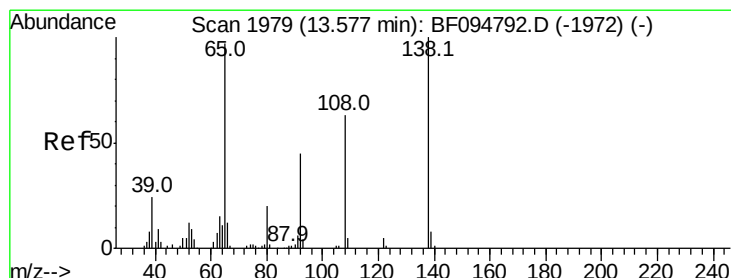
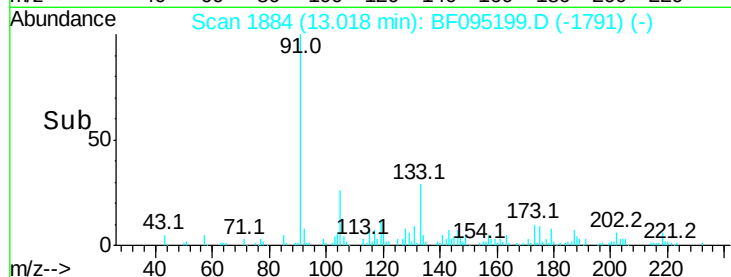
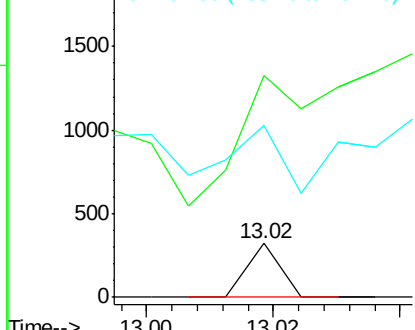
#53
2,4-Dinitrophenol
Concen: 6.35 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.25 min
Lab File: BF095199.D
Acq: 17 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
63 409.6 62.7 94.1#
154 317.3 81.1 121.7#

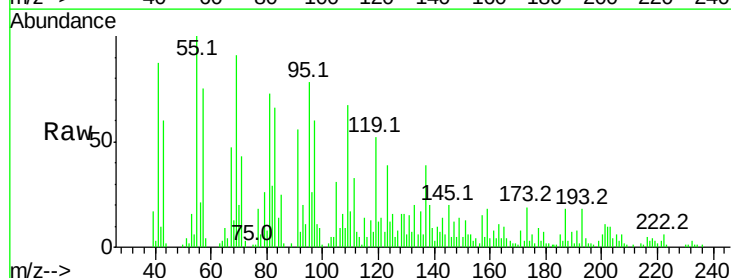


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

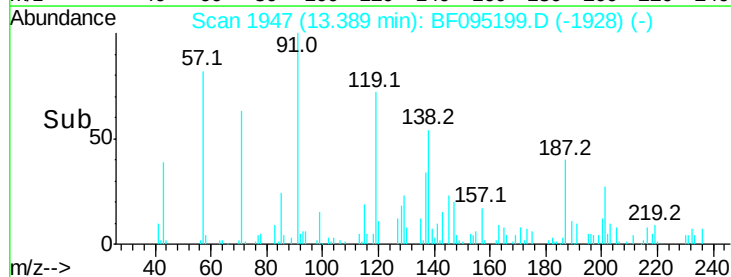
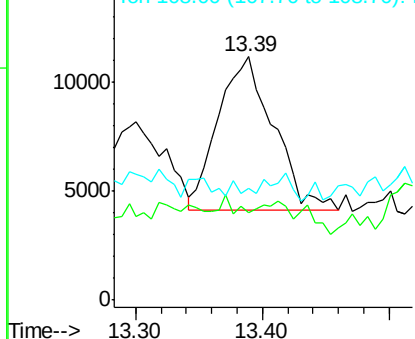


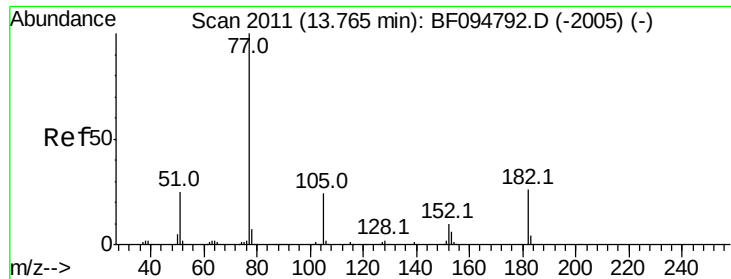
#61
4-Nitroaniline
Concen: 11.89 ng
RT: 13.39 min Scan# 1947
Delta R.T. -0.19 min
Lab File: BF095199.D
Acq: 17 May 2017 22:48

Tgt Ion:138 Resp: 21211
Ion Ratio Lower Upper
138 100
92 36.0 21.8 61.8
108 46.1 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 2.41 ng

RT: 13.84 min Scan# 2023

Delta R.T. 0.07 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 16475

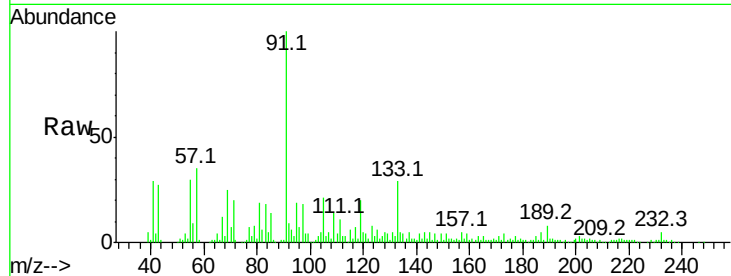
Ion Ratio Lower Upper

77 100

182 6.8 0.1 40.1

105 316.1 3.6 43.6#

51 22.5 9.4 49.4

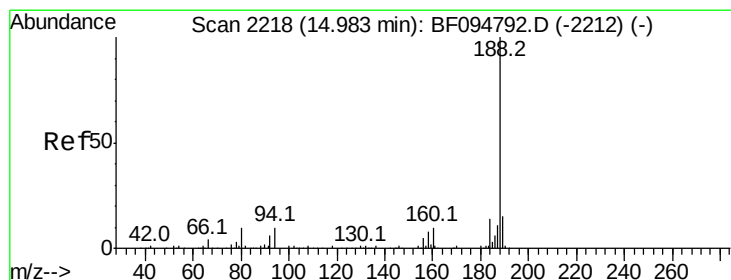
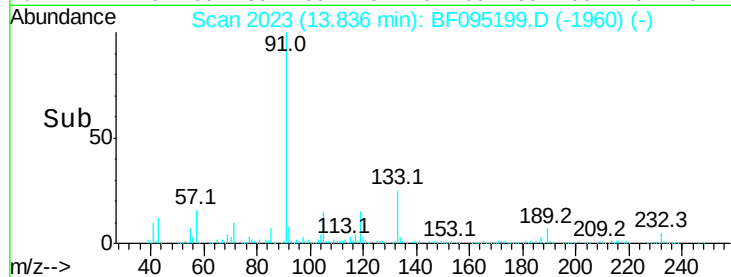
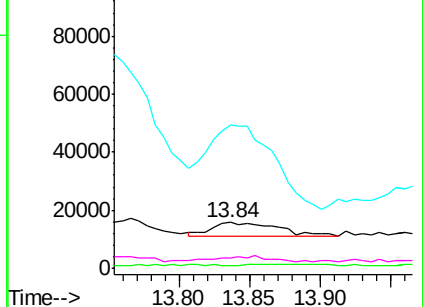


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.06 min Scan# 2231

Delta R.T. 0.08 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

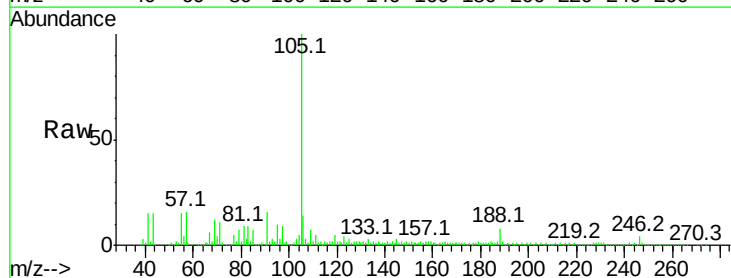
Tgt Ion: 188 Resp: 141498

Ion Ratio Lower Upper

188 100

94 24.0 9.4 14.2#

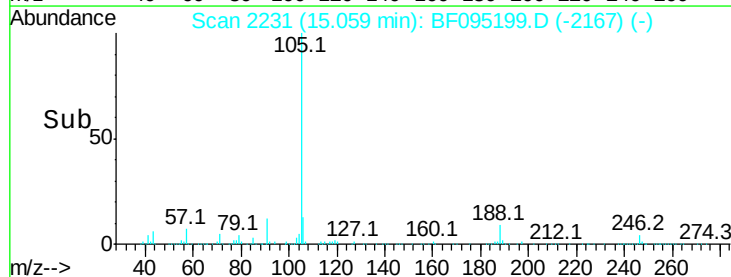
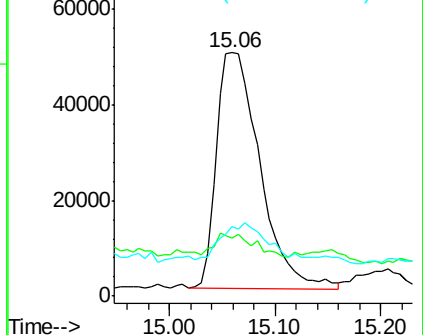
80 28.5 10.2 15.2#

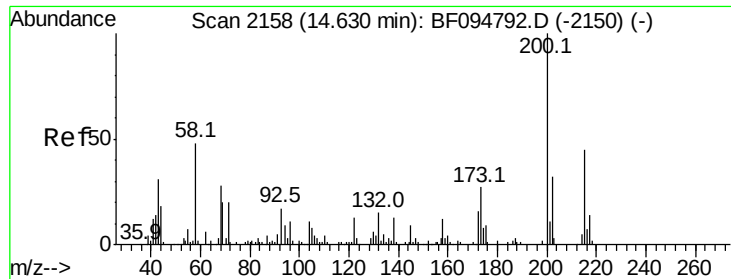


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#68

Atrazine

Concen: 3.54 ng

RT: 14.75 min Scan# 2179

Delta R.T. 0.12 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

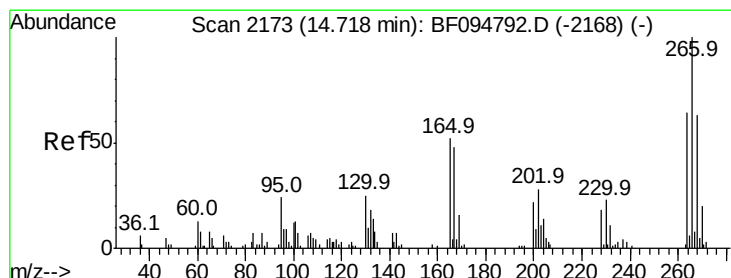
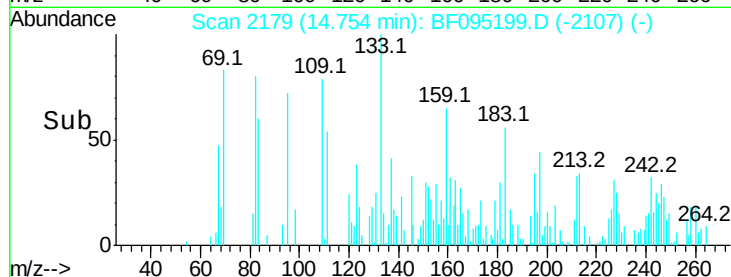
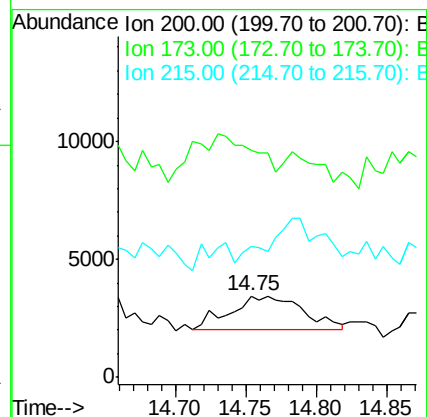
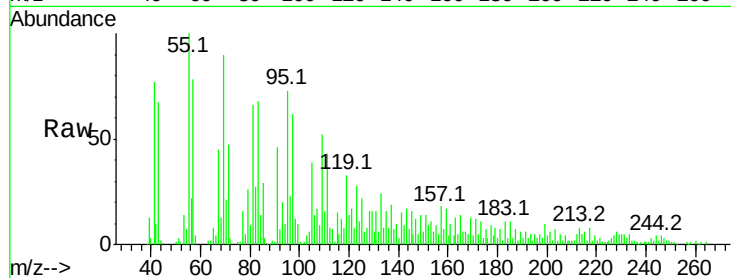
Tot Ion:200 Resp: 5135

Ion Ratio Lower Upper

200 100

173 277.6 6.3 46.3#

215 160.2 27.2 67.2#



#69

Pentachlorophenol

Concen: 6.16 ng

RT: 14.78 min Scan# 2183

Delta R.T. 0.06 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

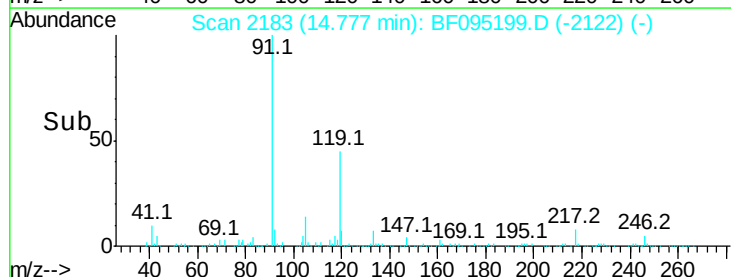
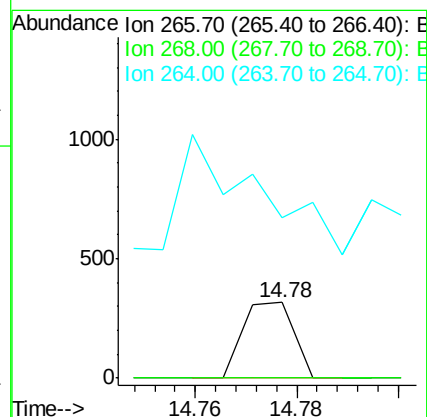
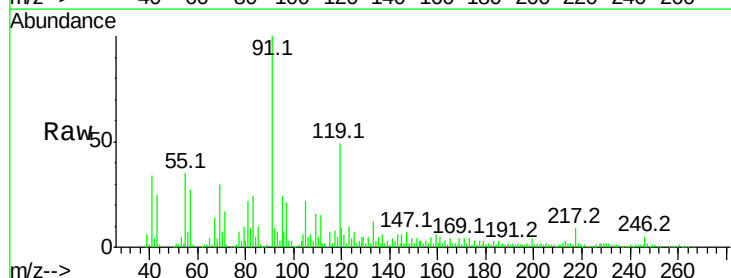
Tgt Ion:266 Resp: 220

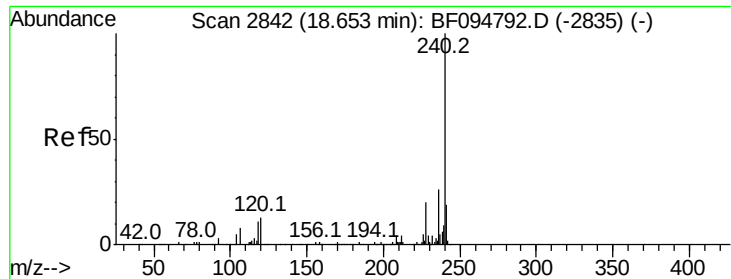
Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

264 213.3 51.7 77.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.78 min Scan# 2863

Delta R.T. 0.12 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

Instrument :

BNA_F

ClientSampled :

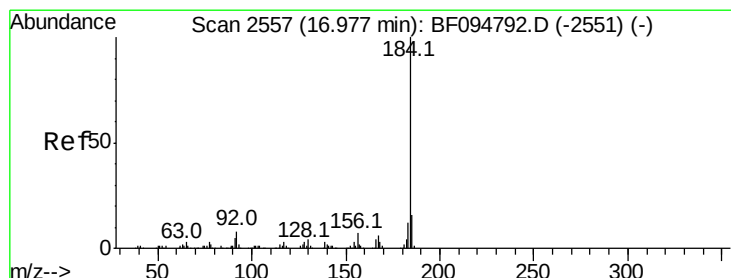
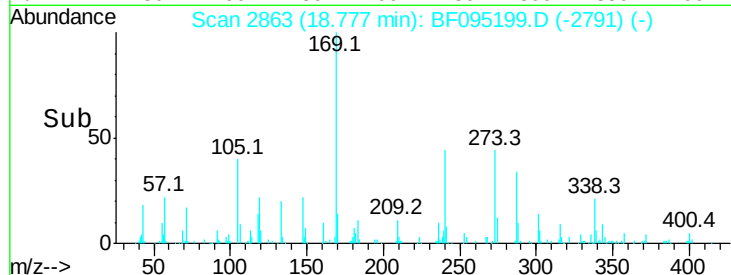
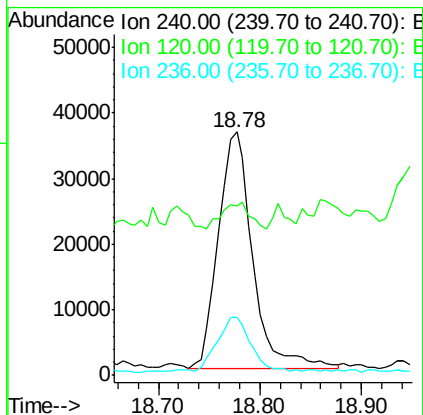
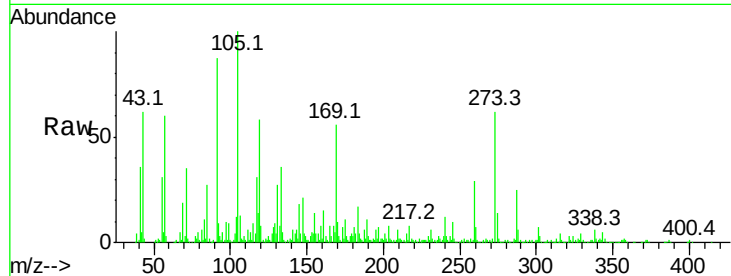
Tot Ion:240 Resp: 84129

Ion Ratio Lower Upper

240 100

120 69.5 5.8 8.8#

236 24.0 20.5 30.7



#76

Benzidine

Concen: 7.17 ng

RT: 17.05 min Scan# 2570

Delta R.T. 0.08 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

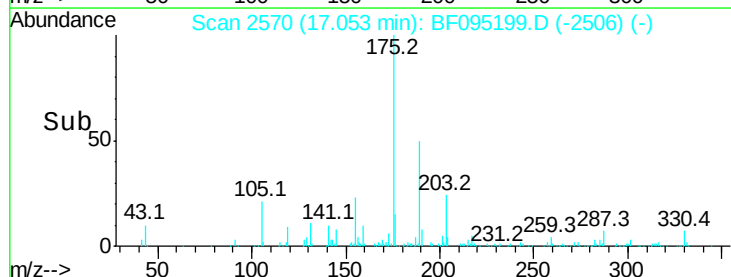
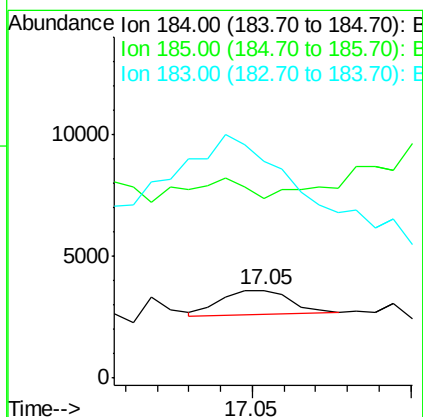
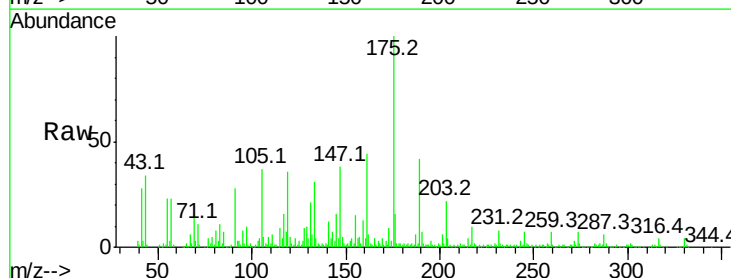
Tgt Ion:184 Resp: 1531

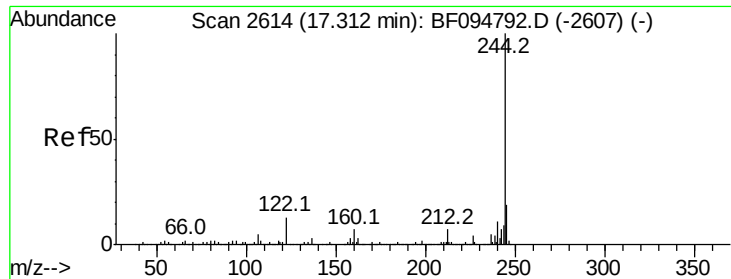
Ion Ratio Lower Upper

184 100

185 203.5 15.5 23.3#

183 246.7 9.8 14.6#





#78

Terphenyl-d14

Concen: 75.62 ng

RT: 17.39 min Scan# 2628

Delta R.T. 0.08 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

Instrument :

BNA_F

ClientSampleId :

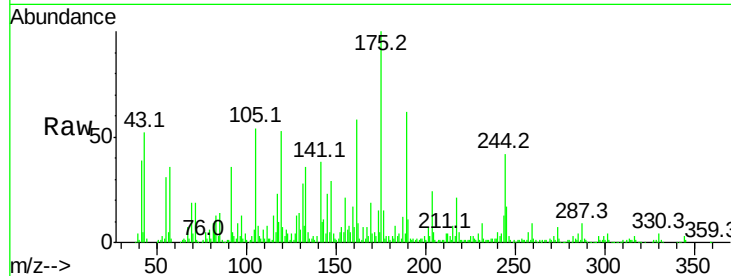
Tot Ion:244 Resp: 288846

Ion Ratio Lower Upper

244 100

212 10.0 6.0 9.0#

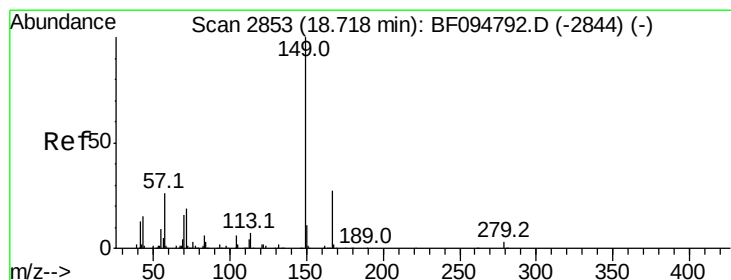
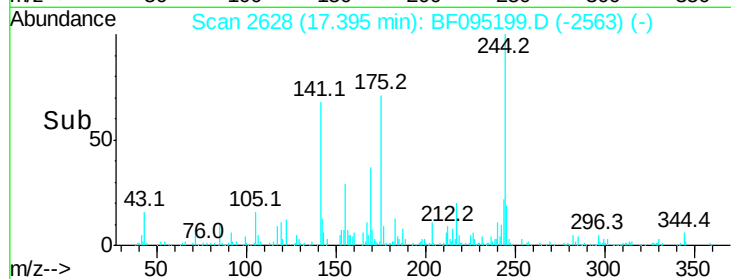
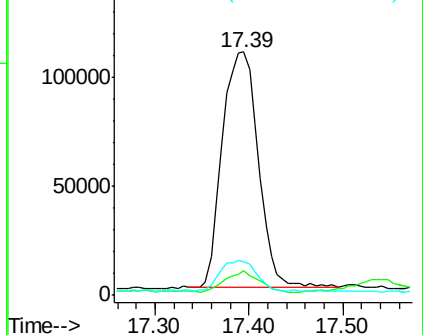
122 14.0 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.09 ng

RT: 18.80 min Scan# 2867

Delta R.T. 0.08 min

Lab File: BF095199.D

Acq: 17 May 2017 22:48

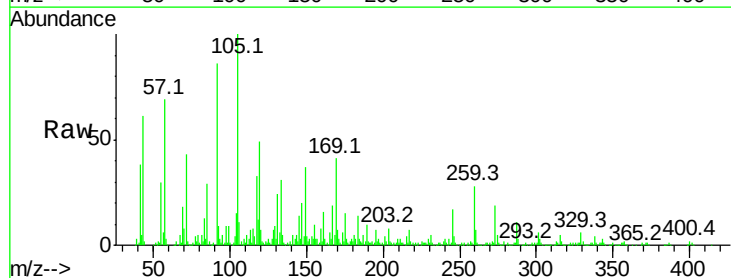
Tgt Ion:149 Resp: 171344

Ion Ratio Lower Upper

149 100

167 52.6 21.0 31.4#

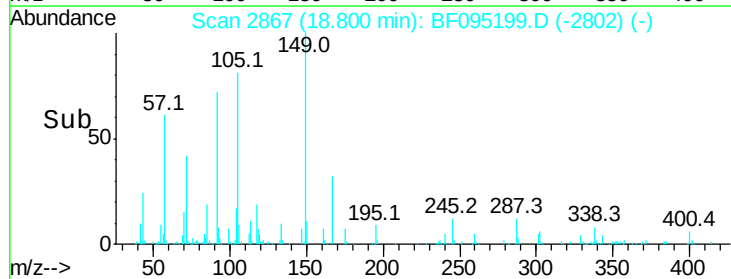
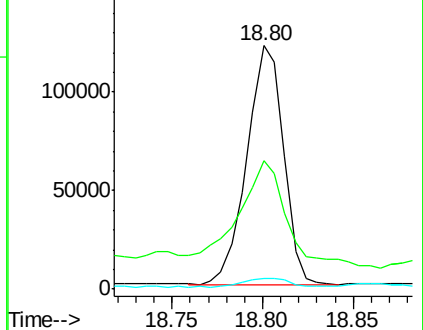
279 4.3 1.9 2.9#

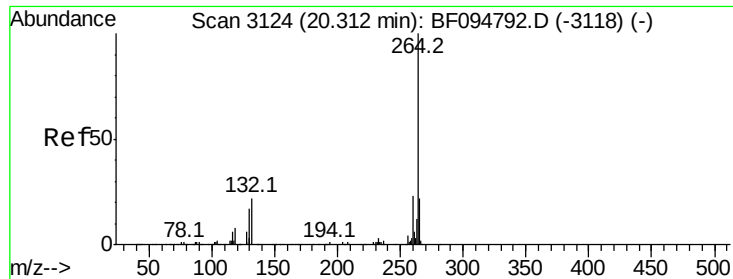


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

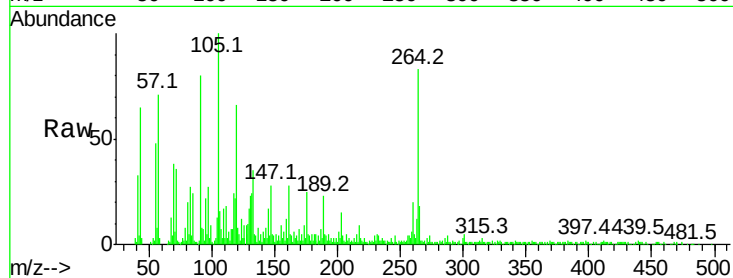




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.43 min Scan# 3144
Delta R.T. 0.12 min
Lab File: BF095199.D
Acq: 17 May 2017 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.0	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

