

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095599.D
 Acq On : 1 Jun 2017 17:32
 Operator : SJ/MA
 Sample : I3379-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 18:17:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

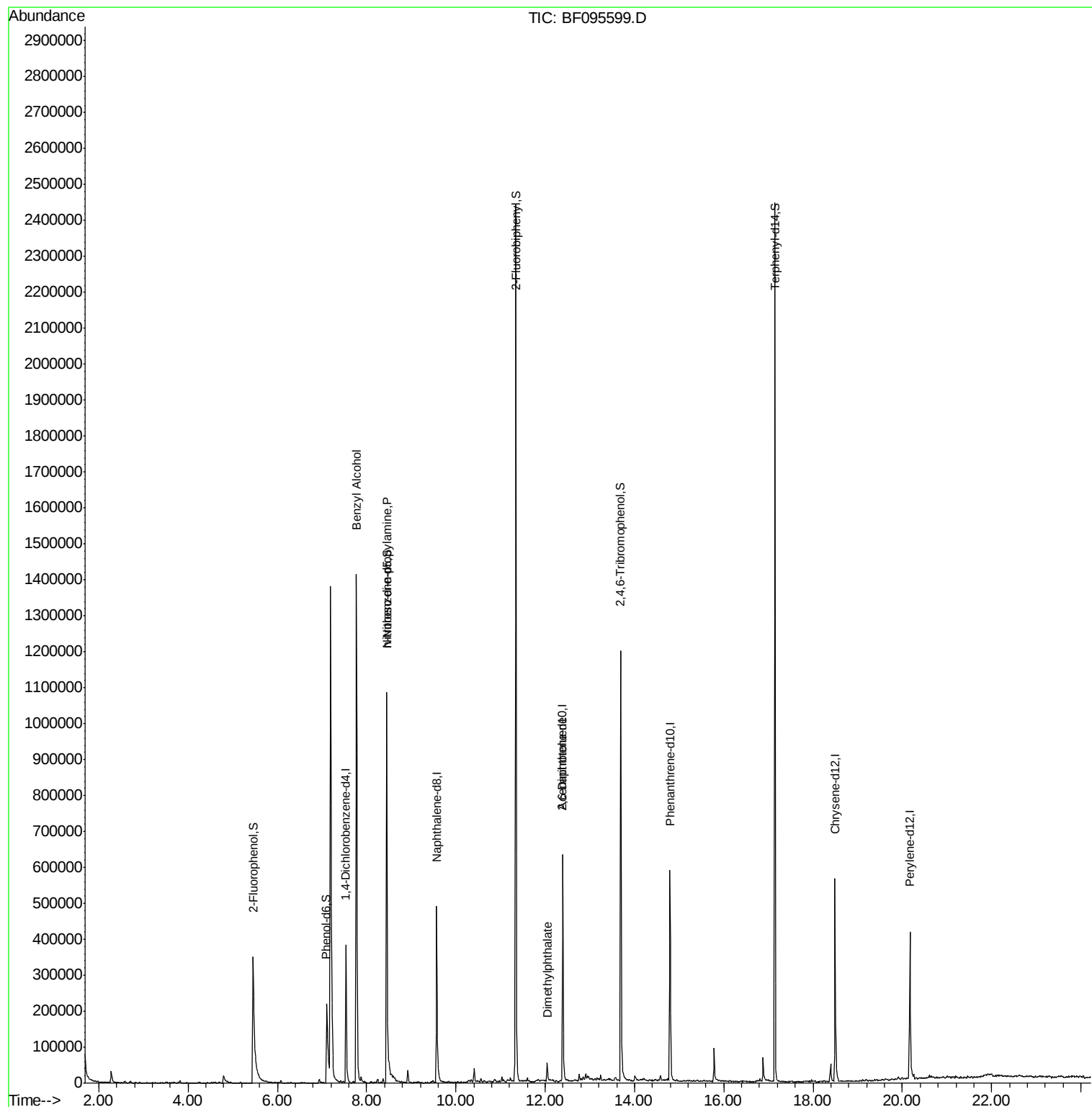
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	96628	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	378057	20.00	ng	-0.02
38) Acenaphthene-d10	12.39	164	182544	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	322168	20.00	ng	-0.02
75) Chrysene-d12	18.50	240	292518	20.00	ng	-0.01
86) Perylene-d12	20.17	264	216968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	310880	53.64	ng	0.00
7) Phenol-d6	7.10	99	256499	36.88	ng	0.00
23) Nitrobenzene-d5	8.45	82	584870	97.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.70	330	211217	141.28	ng	-0.01
44) 2-Fluorobiphenyl	11.34	172	1191328	93.94	ng	-0.02
78) Terphenyl-d14	17.15	244	1010600	76.09	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.77	79	9107	2.04	ng	# 45
19) n-Nitroso-di-n-propylamine	8.45	70	69563	14.79	ng	# 74
49) Dimethylphthalate	12.04	163	34701	2.32	ng	# 94
50) 2,6-Dinitrotoluene	12.39	165	21713	7.10	ng	# 31

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

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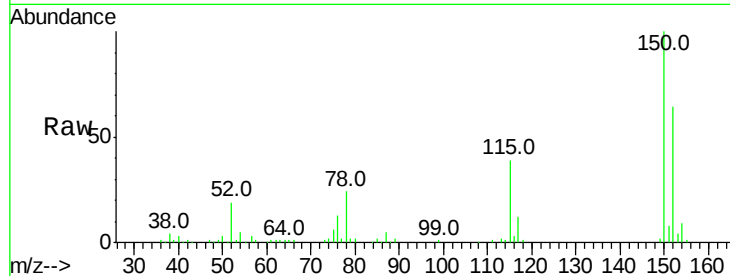




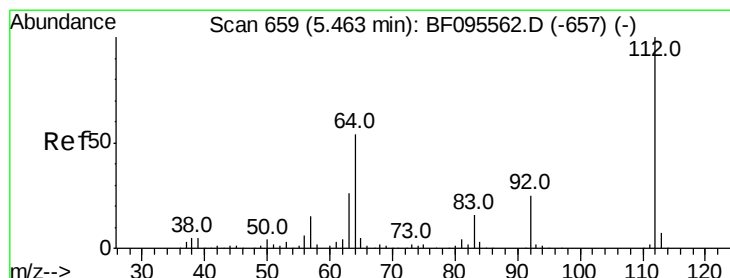
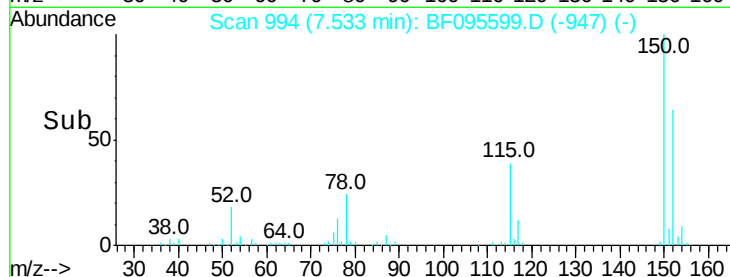
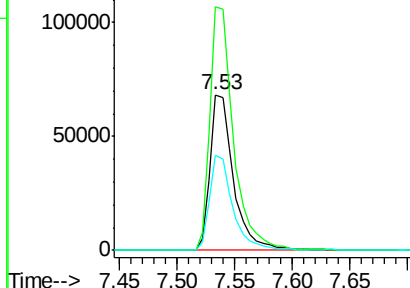
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.53 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 96628
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 61.0 52.2 78.2

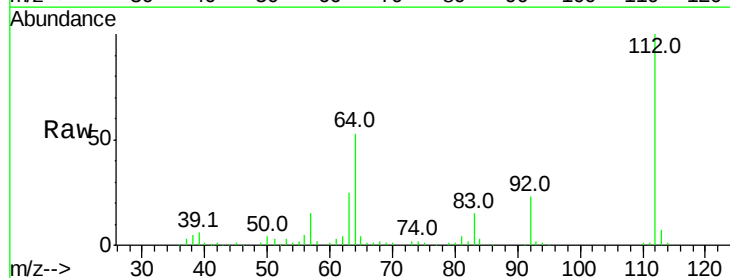


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

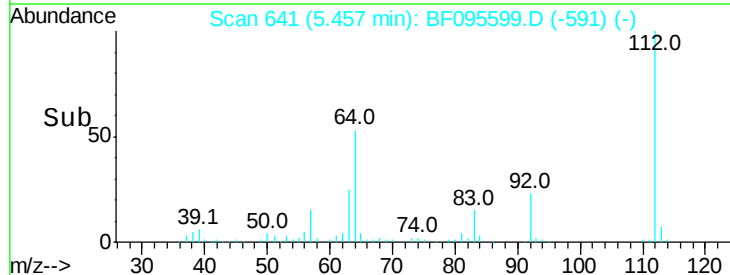
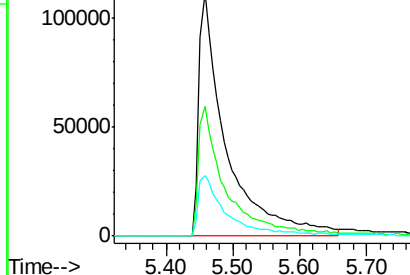


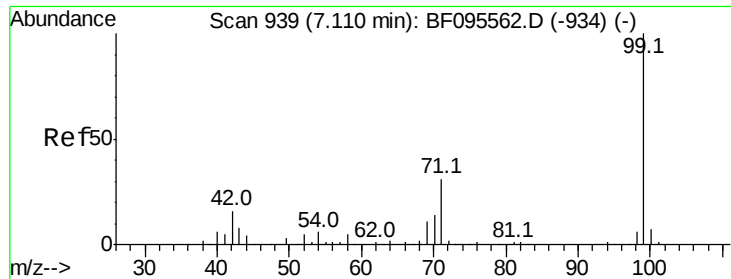
#5
 2-Fluorophenol
 Concen: 53.64 ng
 RT: 5.46 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion:112 Resp: 310880
 Ion Ratio Lower Upper
 112 100
 64 53.2 46.0 69.0
 63 24.9 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: 36.88 ng

RT: 7.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

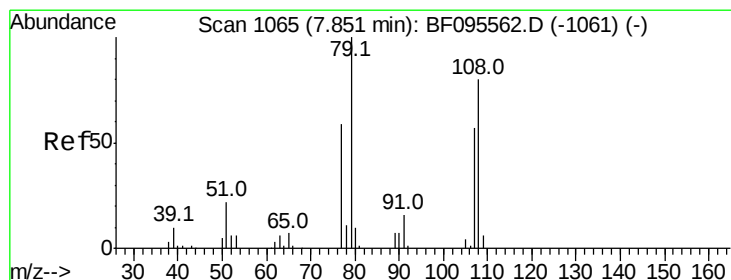
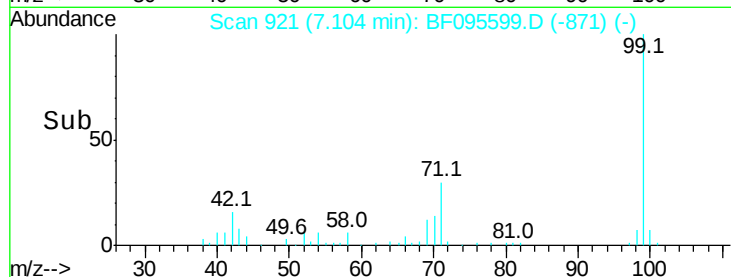
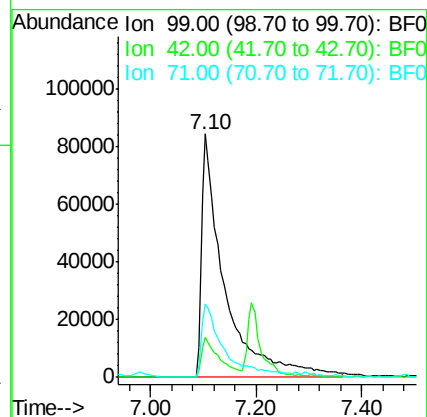
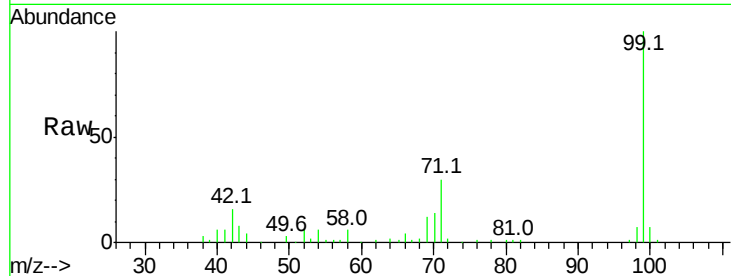
Tot Ion: 99 Resp: 256499

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 30.4 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.77 min Scan# 1034

Delta R.T. -0.08 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

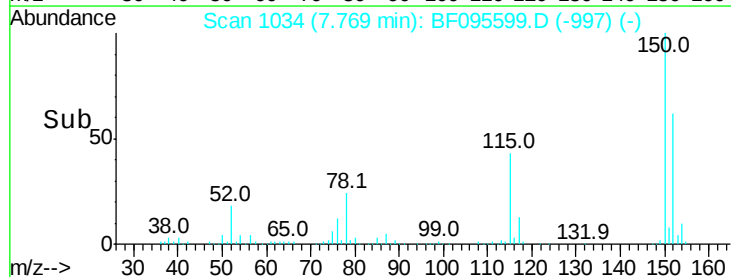
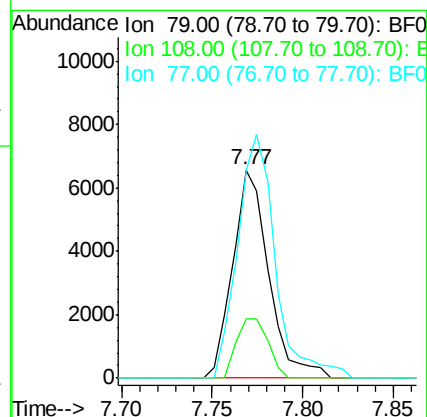
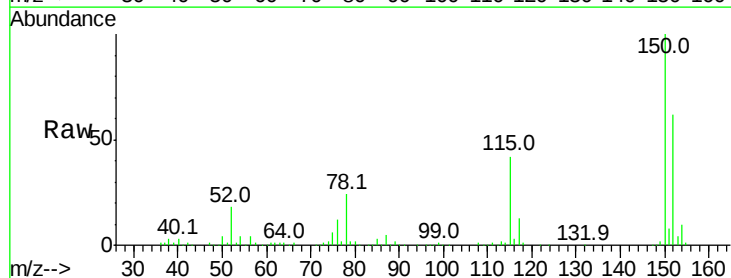
Tgt Ion: 79 Resp: 9107

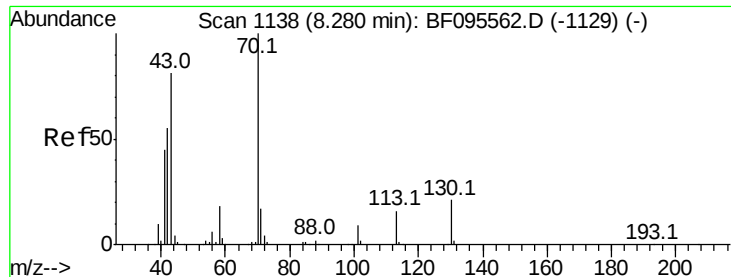
Ion Ratio Lower Upper

79 100

108 28.3 63.4 95.0#

77 100.1 49.2 73.8#

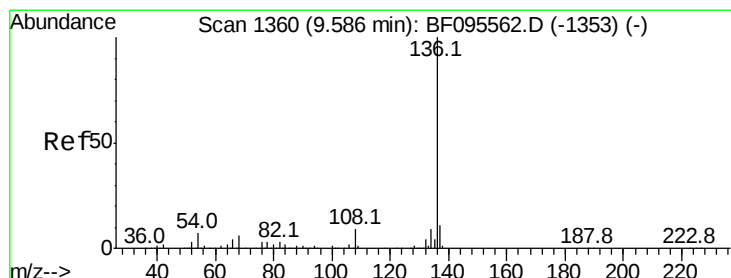
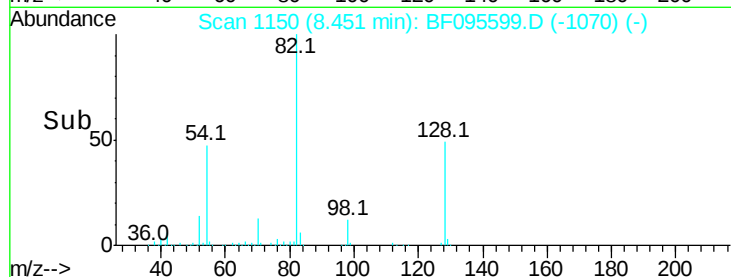
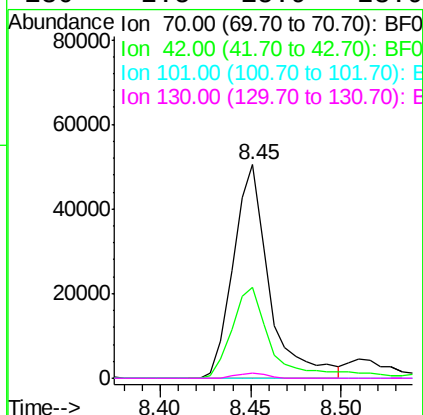
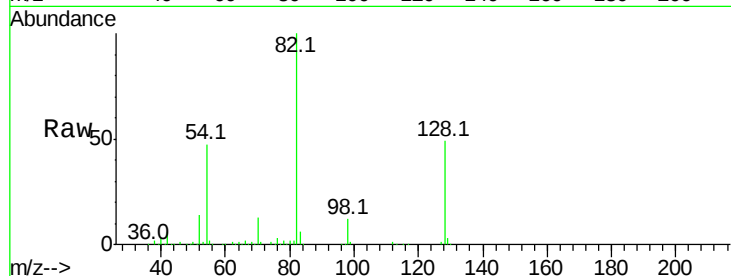




#19
n-Nitroso-di-n-propylamine
Concen: 14.79 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.17 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

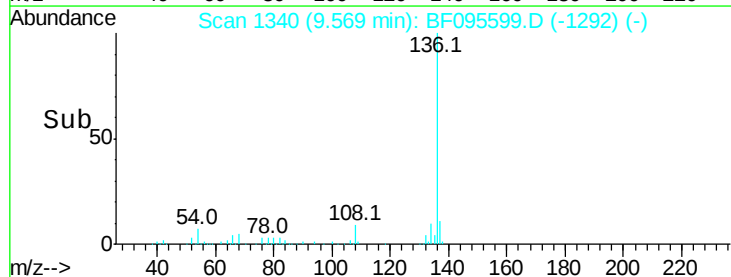
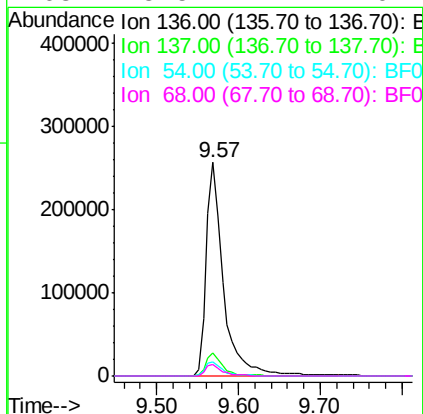
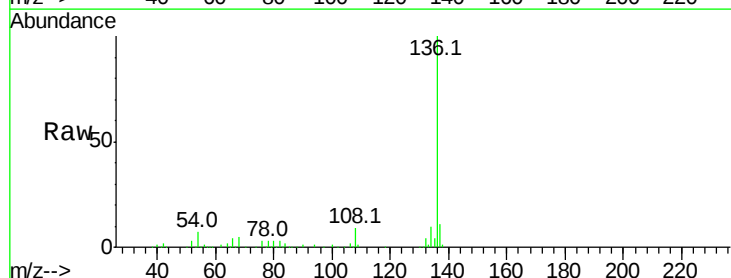
Instrument :
BNA_F
ClientSampleId :

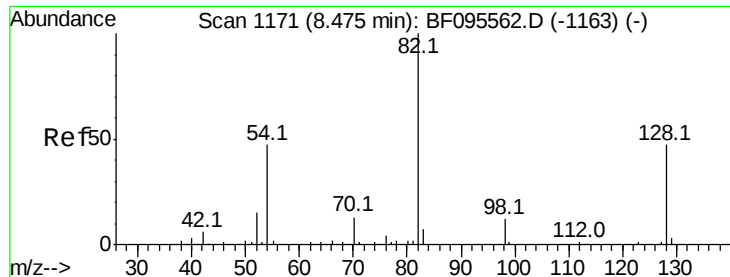
Tot Ion: 70 Resp: 69563
Ion Ratio Lower Upper
70 100
42 42.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Tgt Ion:136 Resp: 378057
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.6 4.9 7.3
68 5.5 4.1 6.1

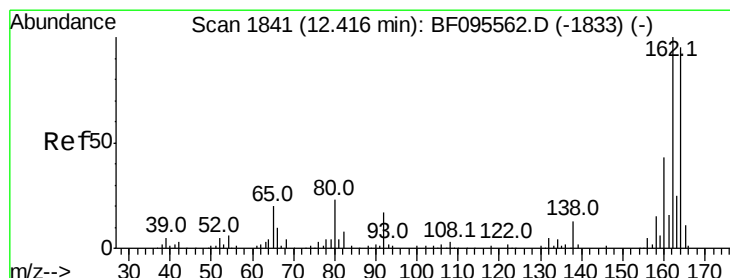
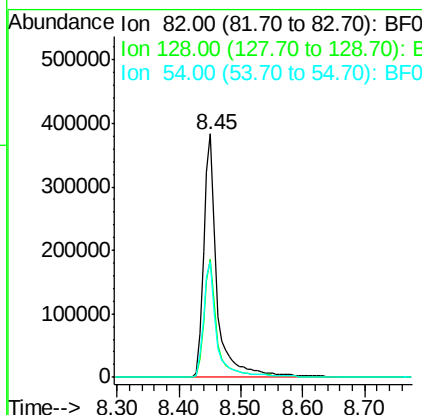
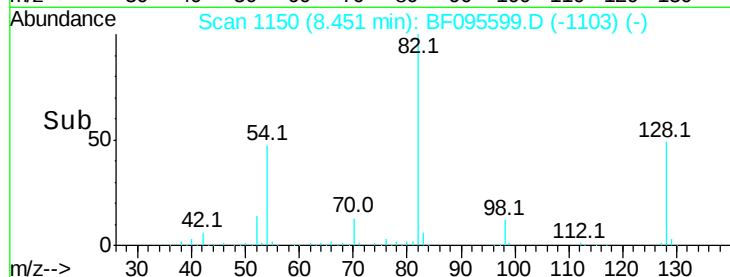
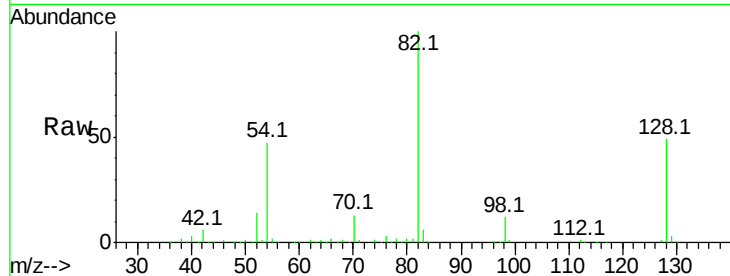




#23
 Nitrobenzene-d5
 Concen: 97.55 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

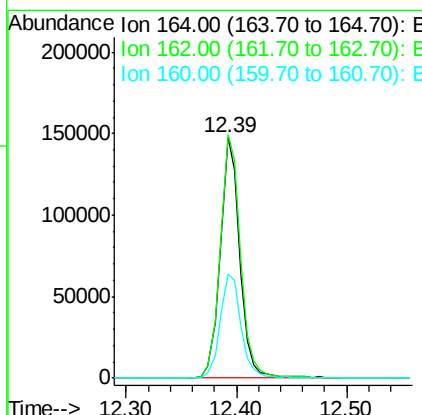
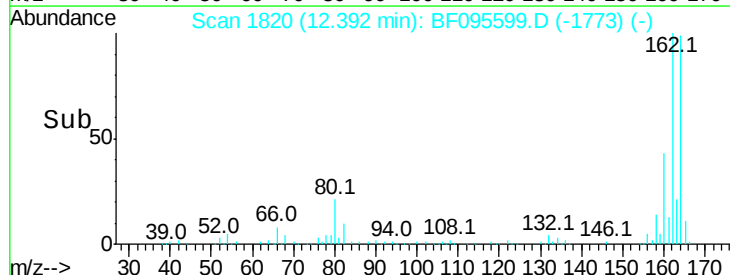
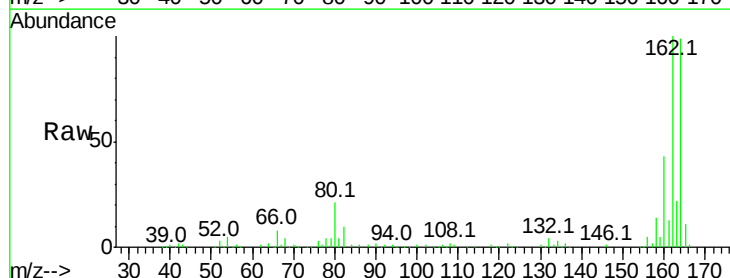
Instrument :
 BNA_F
 ClientSampled :

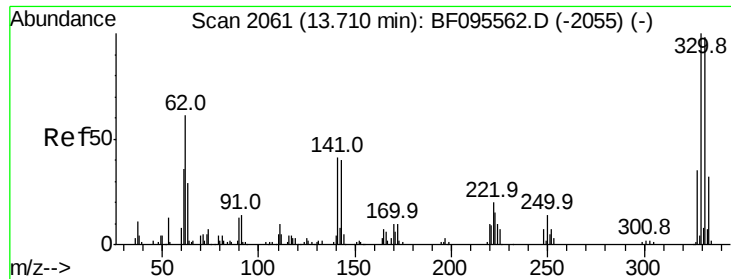
Tot Ion: 82 Resp: 584870
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.0 51.0
 54 47.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion:164 Resp: 182544
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 43.4 36.2 54.2

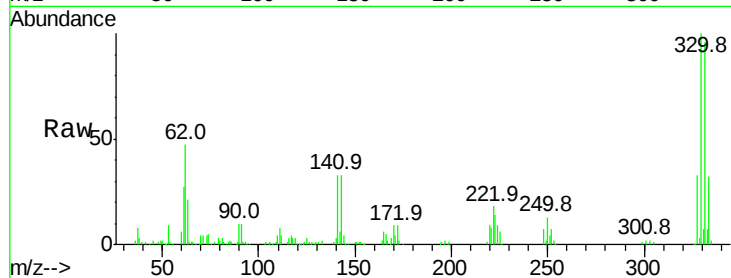




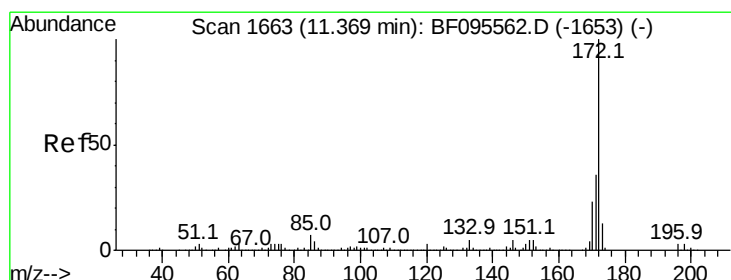
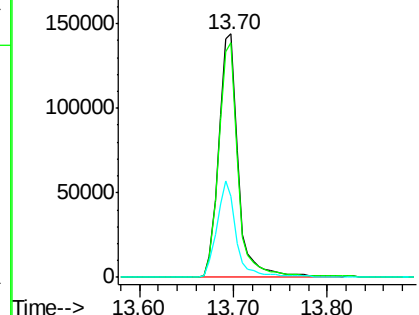
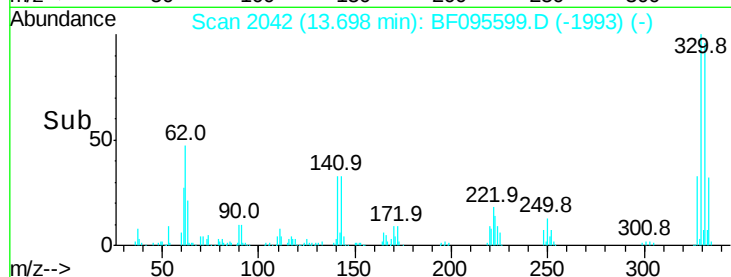
#41
 2,4,6-Tribromophenol
 Concen: 141.28 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 211217
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.3 31.4 47.2

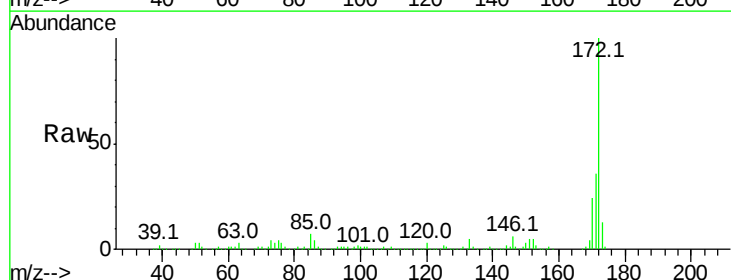


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

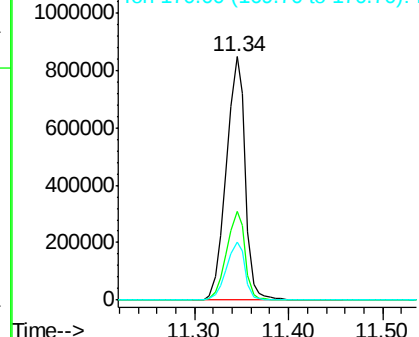
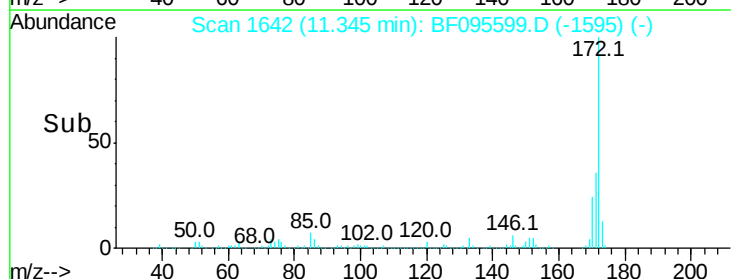


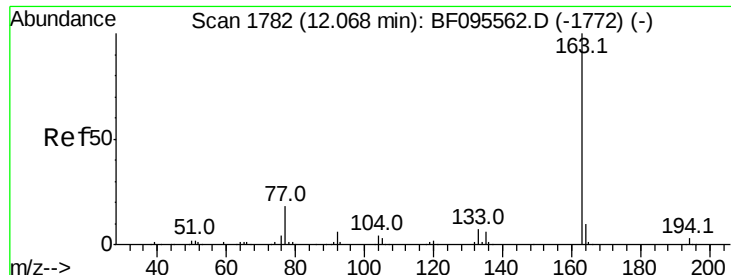
#44
 2-Fluorobiphenyl
 Concen: 93.94 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion:172 Resp: 1191328
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.7 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

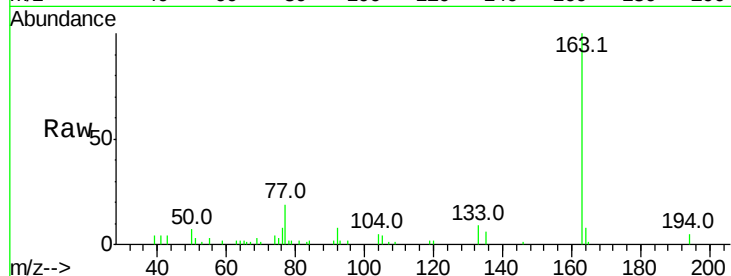




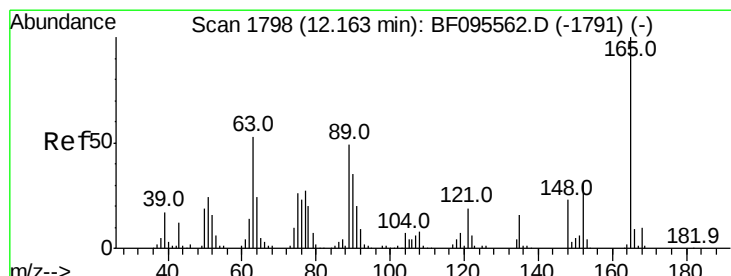
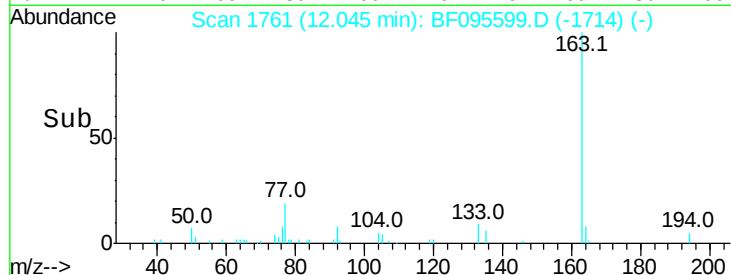
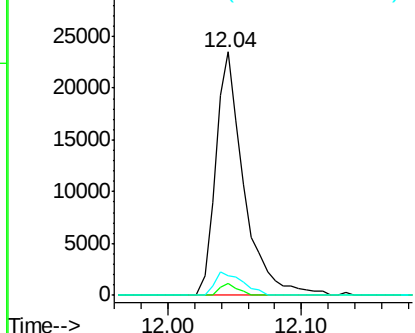
#49
Dimethylphthalate
Concen: 2.32 ng
RT: 12.04 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 34701
Ion Ratio Lower Upper
163 100
194 4.9 2.6 4.0#
164 8.3 8.4 12.6#

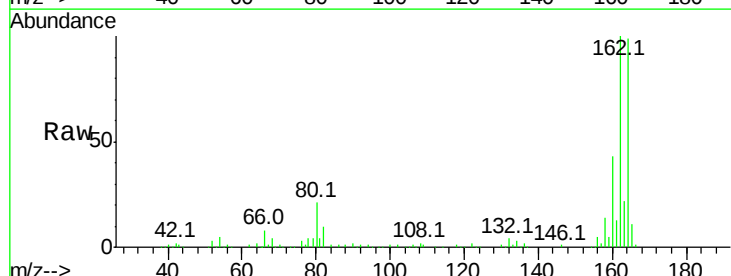


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

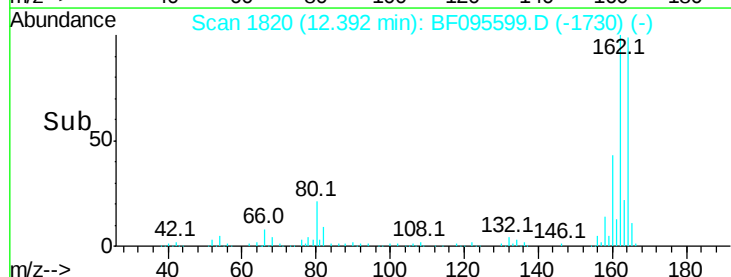
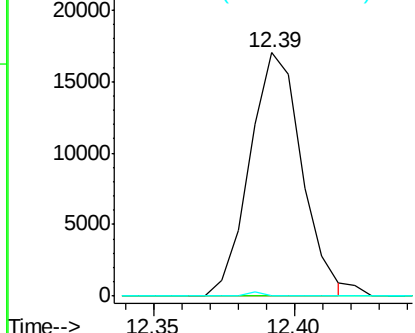


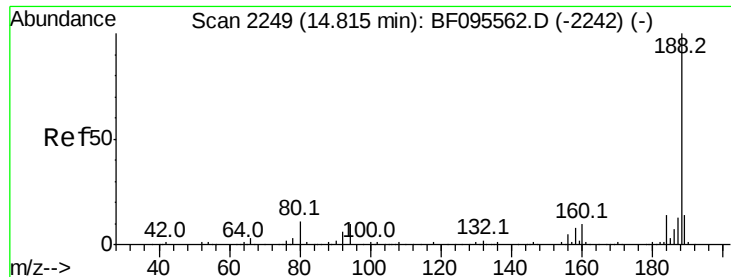
#50
2,6-Dinitrotoluene
Concen: 7.10 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.23 min
Lab File: BF095599.D
Acq: 1 Jun 2017 17:32

Tgt Ion:165 Resp: 21713
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: 14.80 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

Instrument :

BNA_F

ClientSampleId :

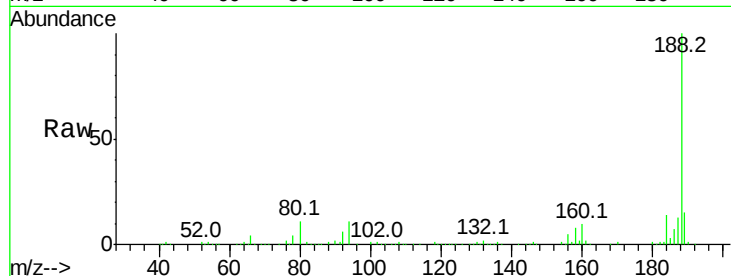
Tot Ion:188 Resp: 322168

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

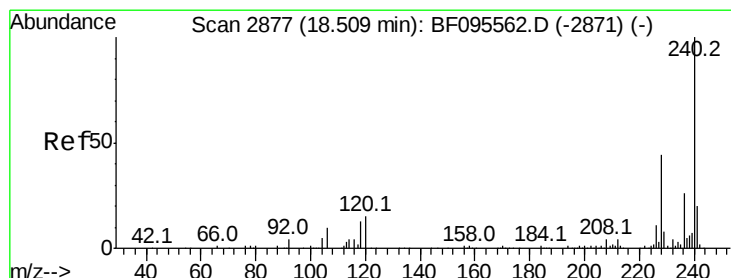
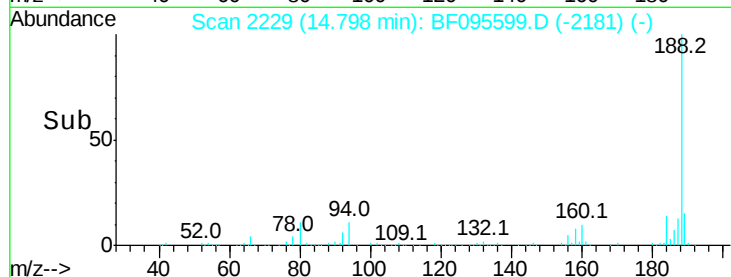
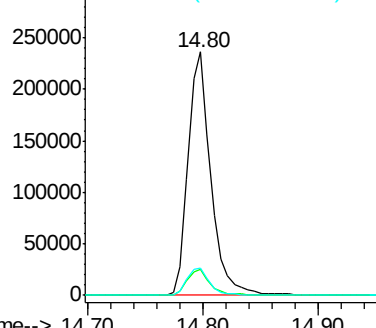
80 11.0 10.2 15.2



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: 18.50 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BF095599.D

Acq: 1 Jun 2017 17:32

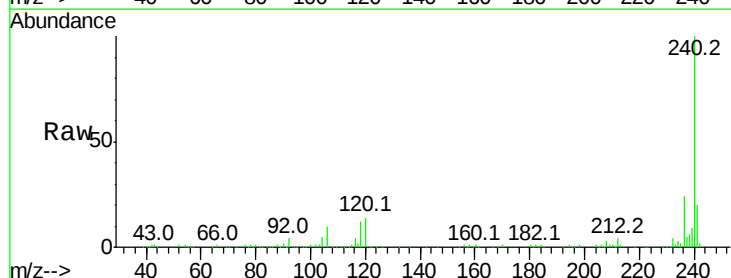
Tgt Ion:240 Resp: 292518

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

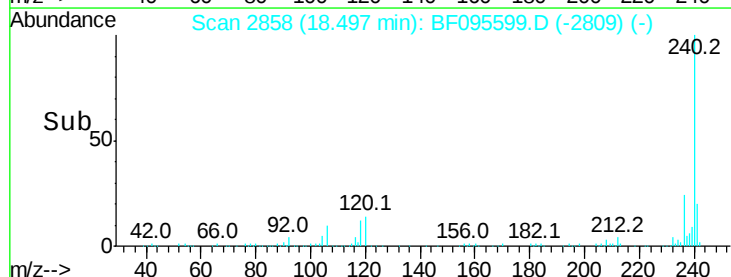
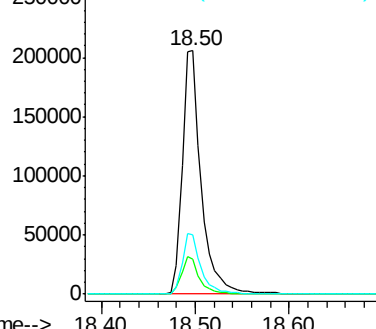
236 24.1 20.5 30.7

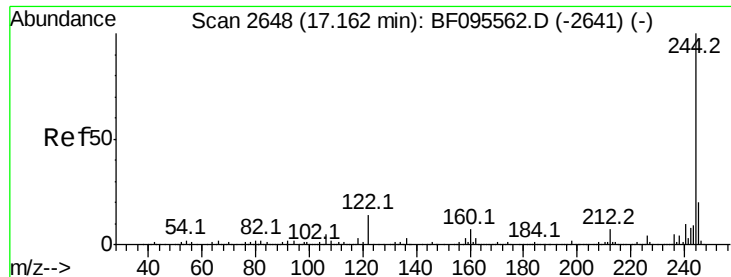


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

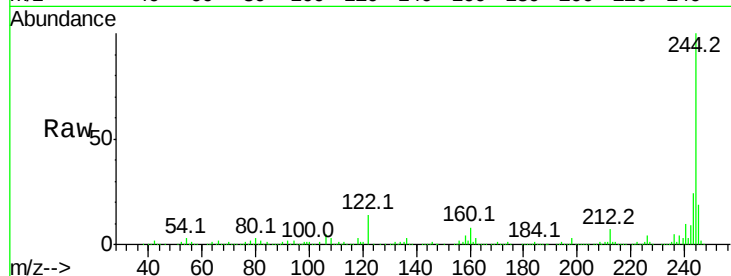




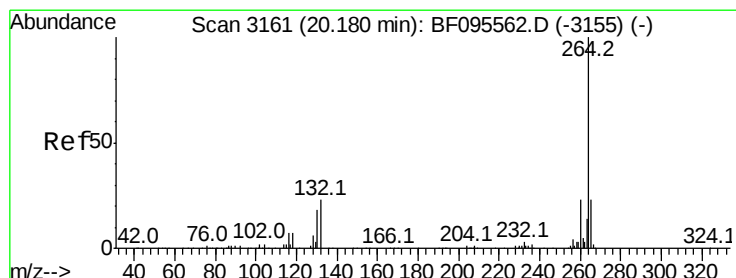
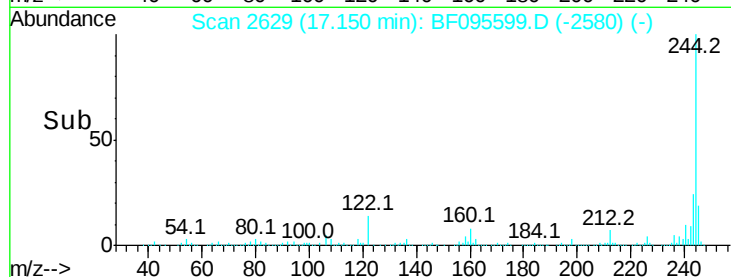
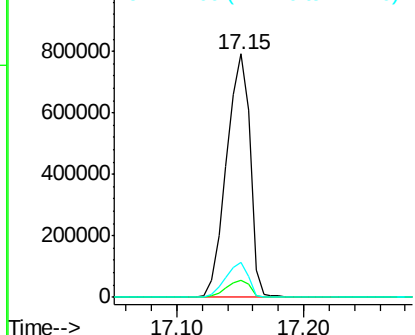
#78
 Terphenyl-d14
 Concen: 76.09 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1010600
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5

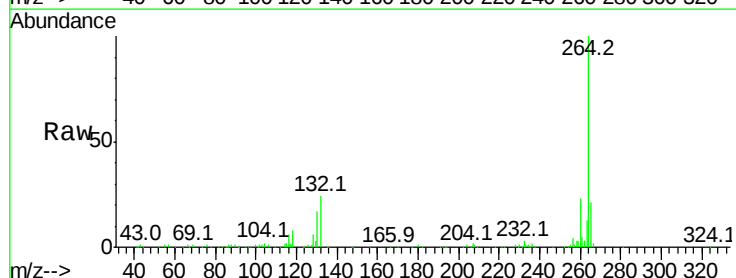


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BF095599.D
 Acq: 1 Jun 2017 17:32

Tgt Ion:264 Resp: 216968
 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

