

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095602.D
 Acq On : 1 Jun 2017 19:09
 Operator : SJ/MA
 Sample : I3361-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:24:57 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 18:51:16 2017
 Response via : Initial Calibration

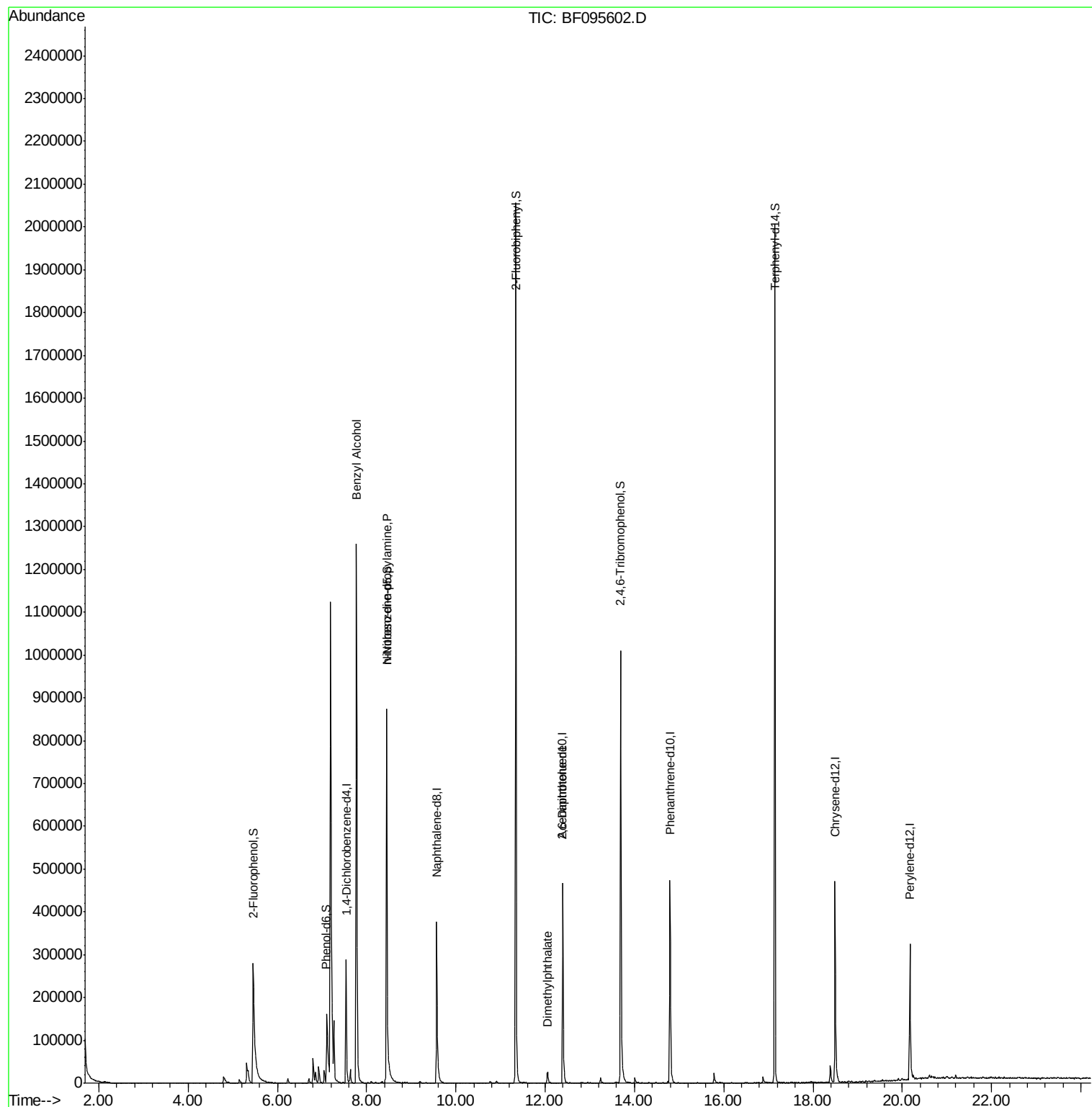
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	73105	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	303935	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	145318	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	280539	20.00	ng	0.00
75) Chrysene-d12	18.49	240	245213	20.00	ng	0.00
86) Perylene-d12	20.17	264	168149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	270721	61.74	ng	0.01
7) Phenol-d6	7.10	99	194514	36.97	ng	0.00
23) Nitrobenzene-d5	8.45	82	479688	99.52	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	186450	156.67	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	964163	95.50	ng	0.00
78) Terphenyl-d14	17.15	244	819529	73.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.77	79	7435	2.20	ng	# 44
19) n-Nitroso-di-n-propylamine	8.45	70	59175	16.63	ng	# 72
49) Dimethylphthalate	12.05	163	26184	2.19	ng	98
50) 2,6-Dinitrotoluene	12.39	165	18030	7.41	ng	# 31

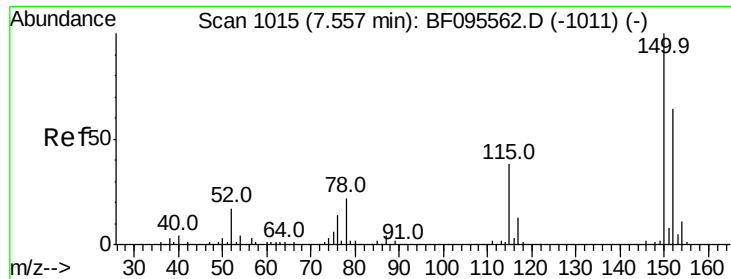
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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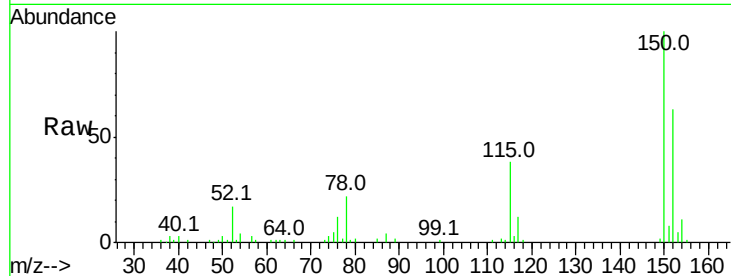


#1

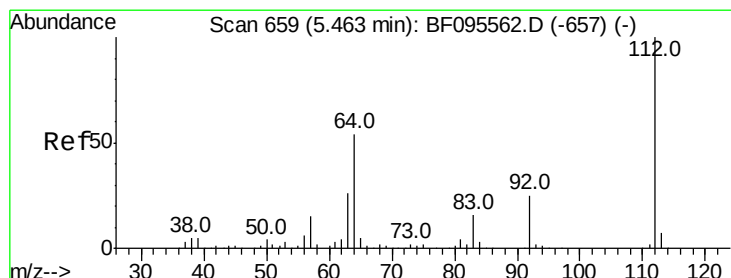
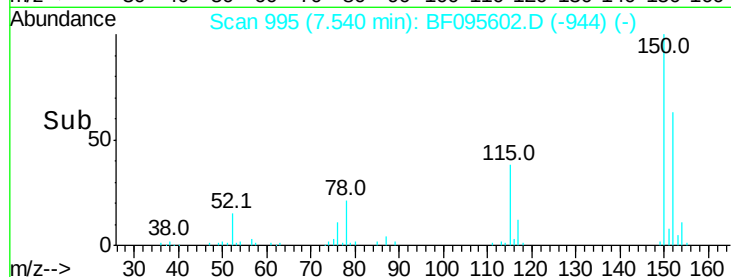
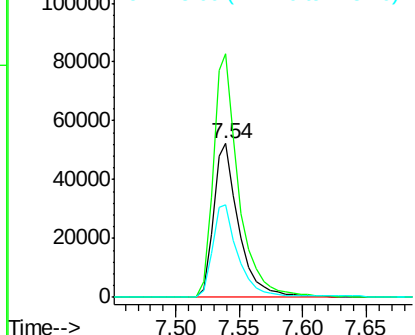
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF095602.D
 Acq: 1 Jun 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	60.1	52.2	78.2



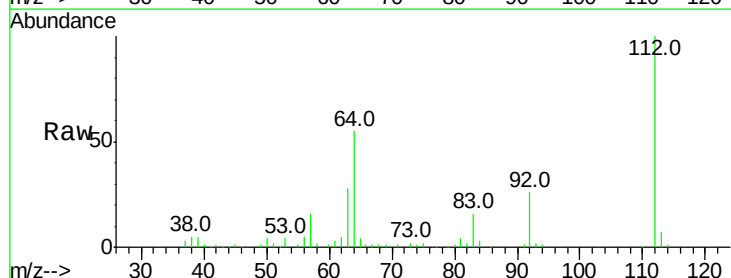
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



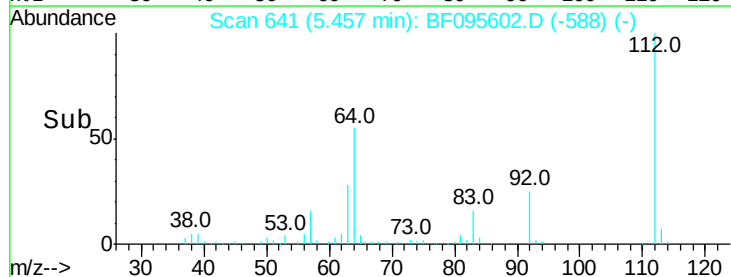
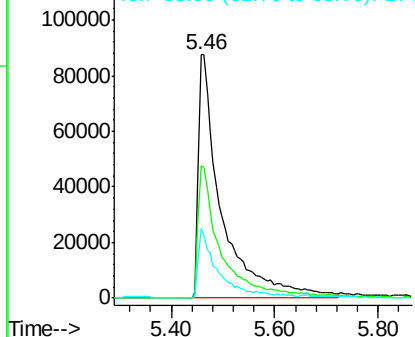
#5

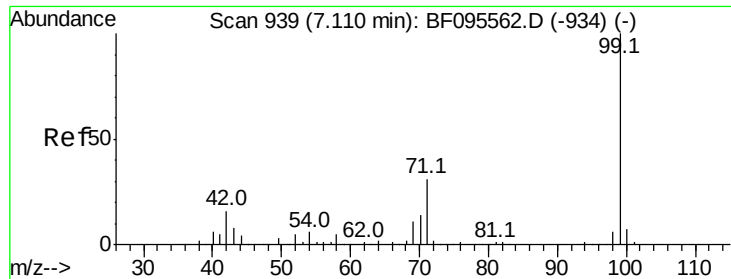
2-Fluorophenol
 Concen: 61.74 ng
 RT: 5.46 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF095602.D
 Acq: 1 Jun 2017 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	28.3	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: 36.97 ng

RT: 7.10 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF095602.D

Acq: 1 Jun 2017 19:09

Instrument :

BNA_F

ClientSampleId :

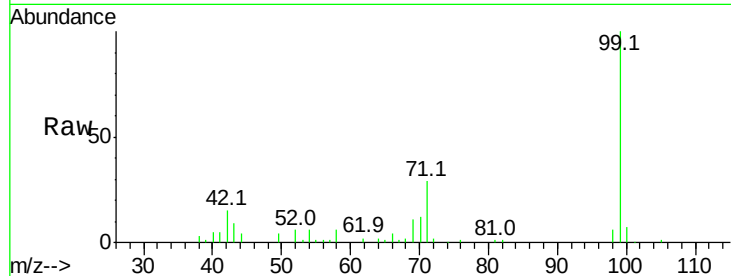
Tot Ion: 99 Resp: 194514

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

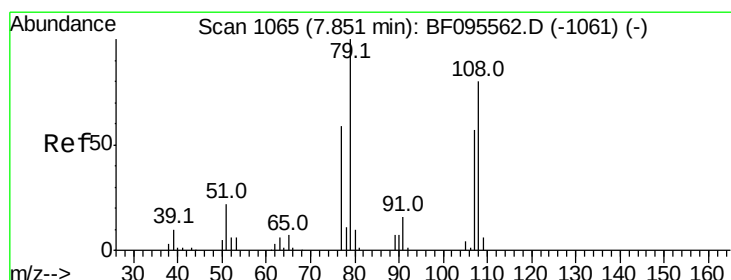
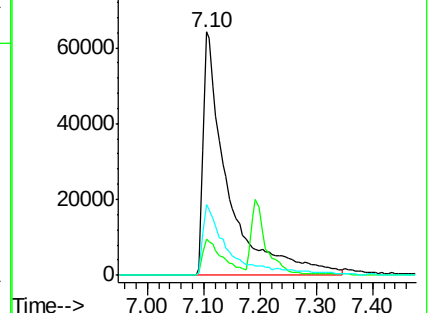
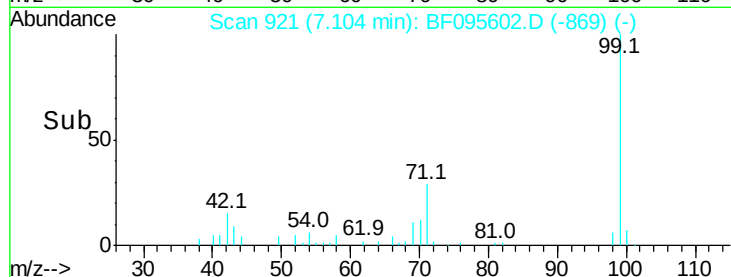
71 29.1 24.5 36.7



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: 2.20 ng

RT: 7.77 min Scan# 1034

Delta R.T. -0.07 min

Lab File: BF095602.D

Acq: 1 Jun 2017 19:09

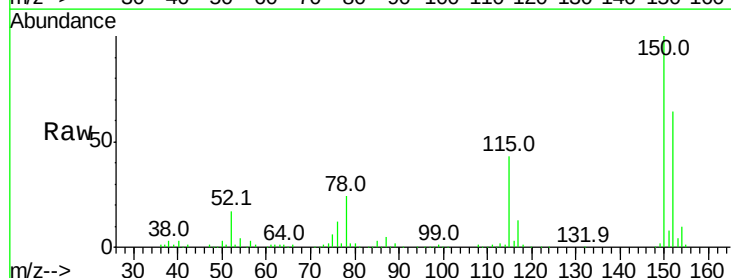
Tgt Ion: 79 Resp: 7435

Ion Ratio Lower Upper

79 100

108 30.7 63.4 95.0#

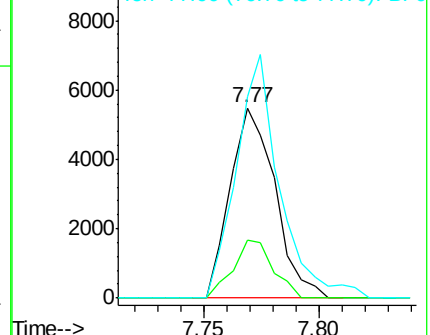
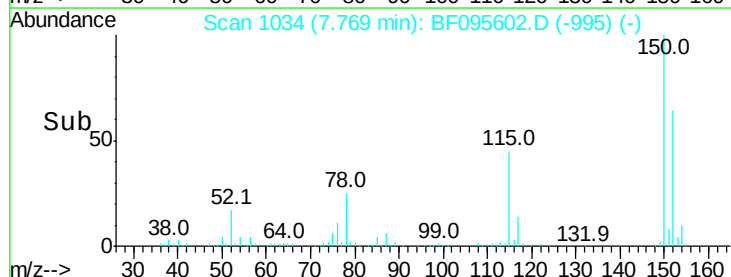
77 105.4 49.2 73.8#

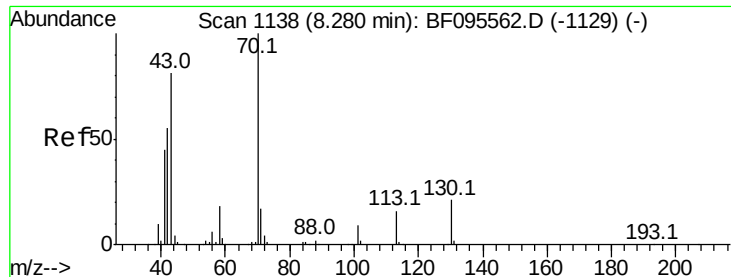


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 16.63 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095602.D

Acq: 1 Jun 2017 19:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59175

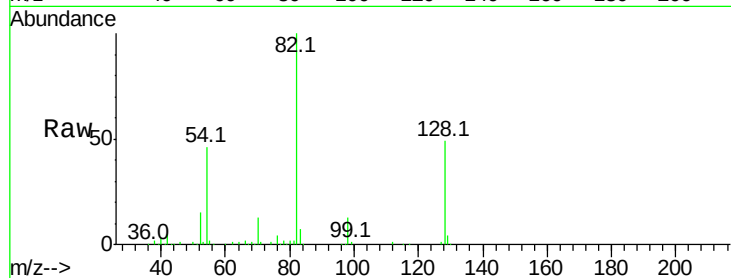
Ion Ratio Lower Upper

70 100

42 40.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

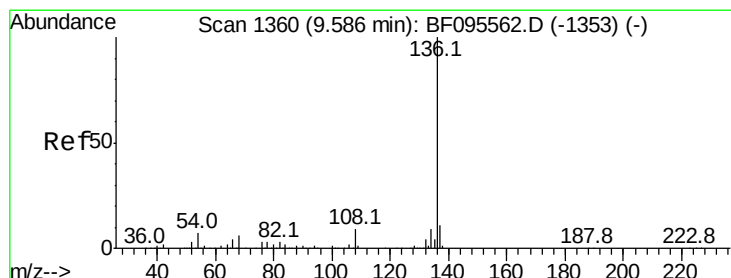
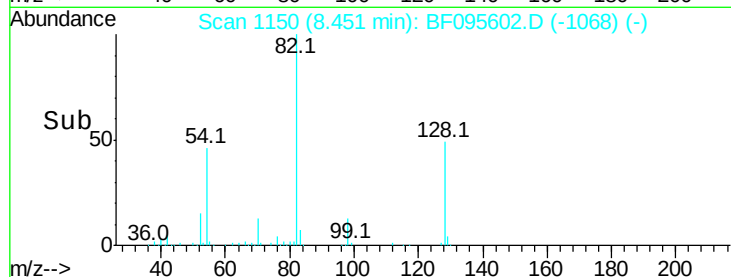
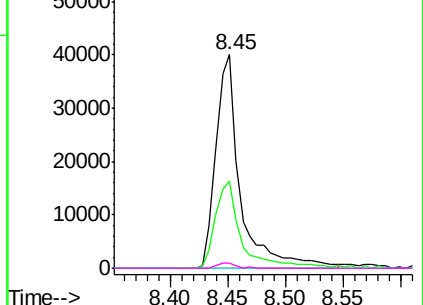


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095602.D

Acq: 1 Jun 2017 19:09

Tgt Ion:136 Resp: 303935

Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 6.9 4.9 7.3

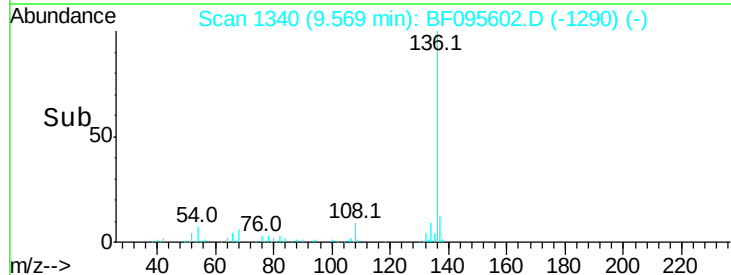
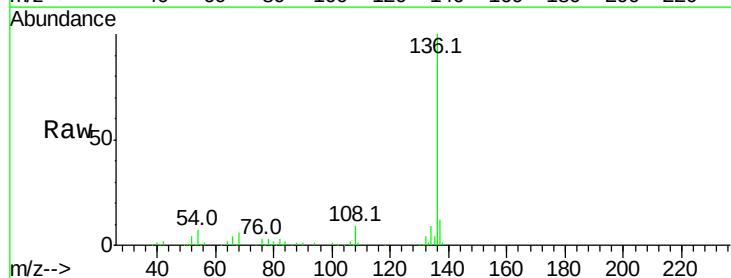
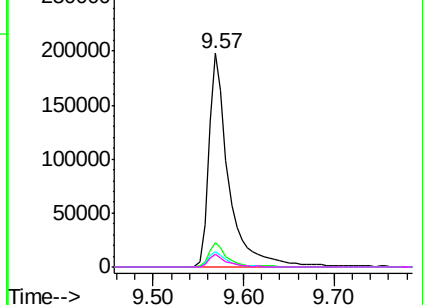
68 5.8 4.1 6.1

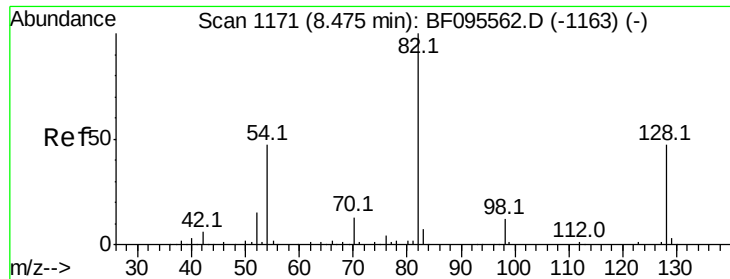
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

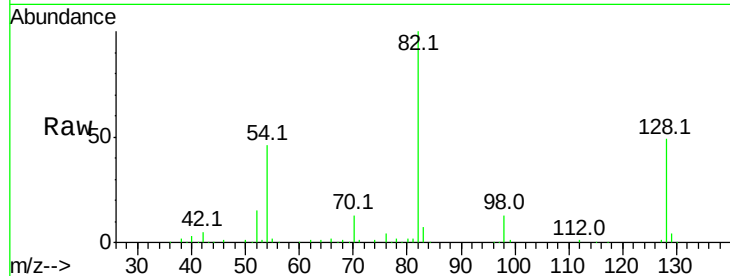




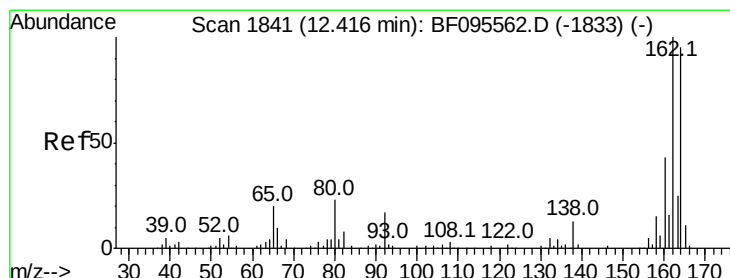
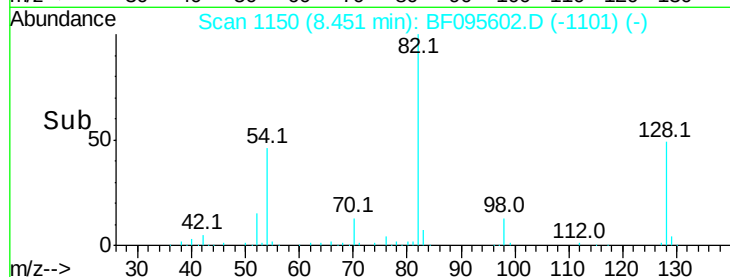
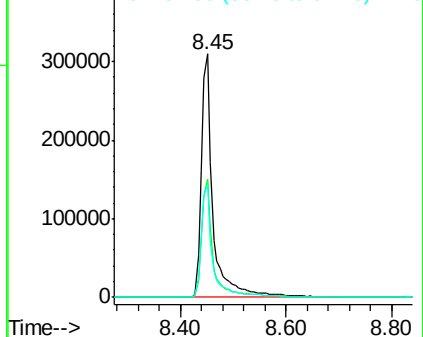
#23
 Nitrobenzene-d5
 Concen: 99.52 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095602.D
 Acq: 1 Jun 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 479688
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.0 51.0
 54 46.4 42.2 63.2

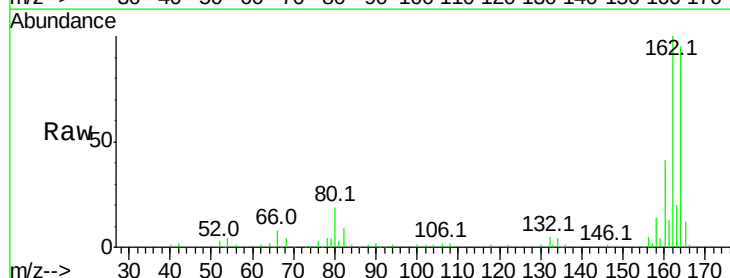


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

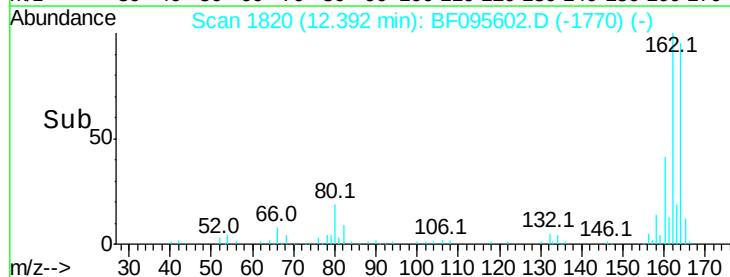
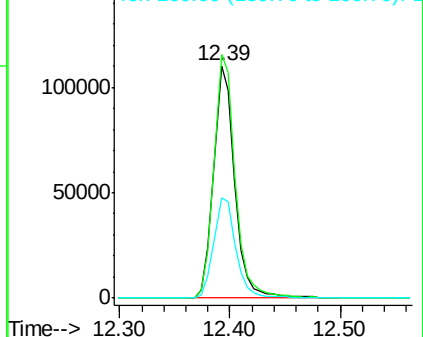


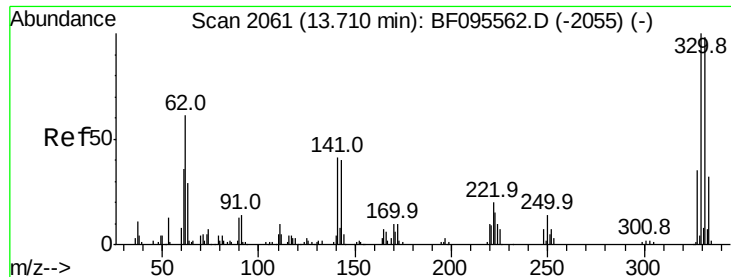
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095602.D
 Acq: 1 Jun 2017 19:09

Tgt Ion: 164 Resp: 145318
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 43.0 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

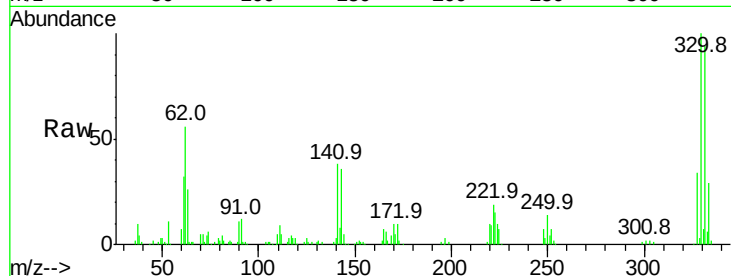




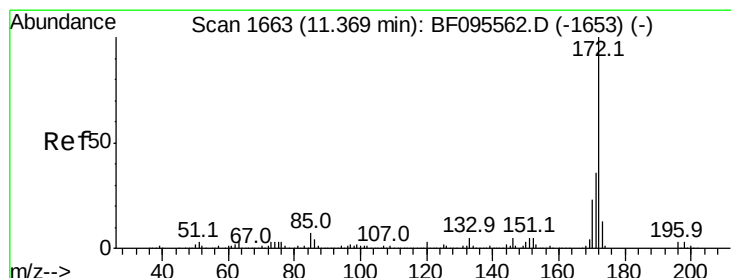
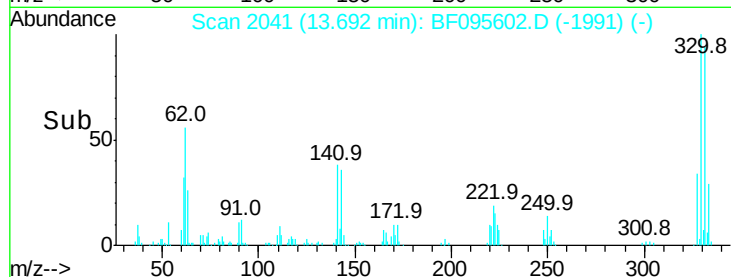
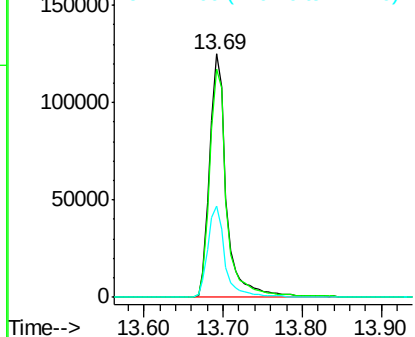
#41
 2,4,6-Tribromophenol
 Concen: 156.67 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095602.D
 Acq: 1 Jun 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 186450
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 38.5 31.4 47.2

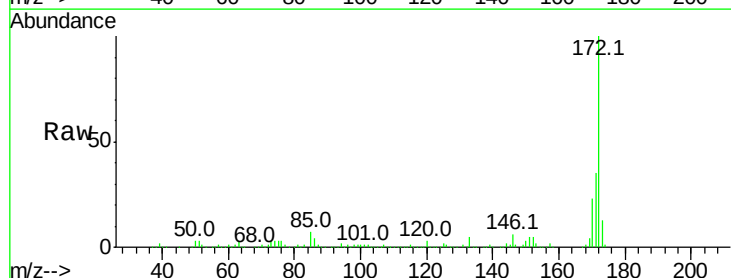


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

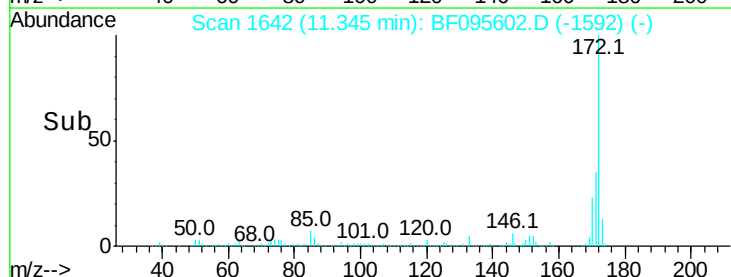
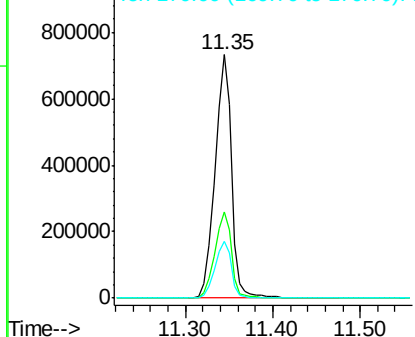


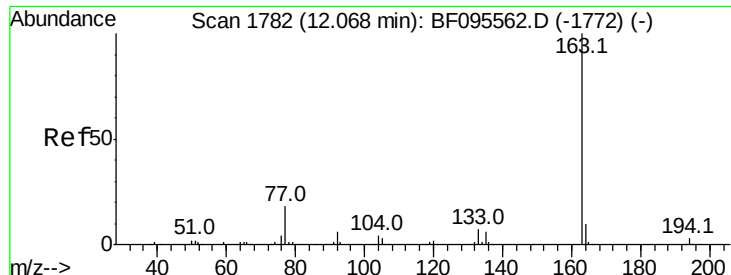
#44
 2-Fluorobiphenyl
 Concen: 95.50 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095602.D
 Acq: 1 Jun 2017 19:09

Tgt Ion:172 Resp: 964163
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.1 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

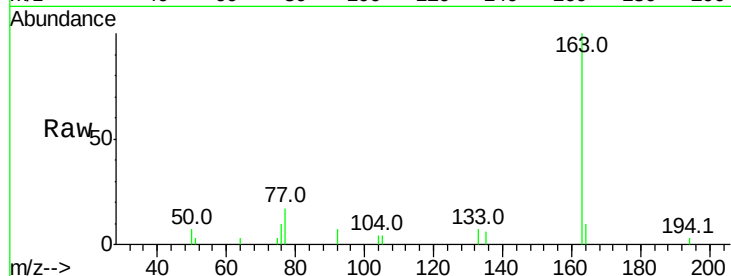




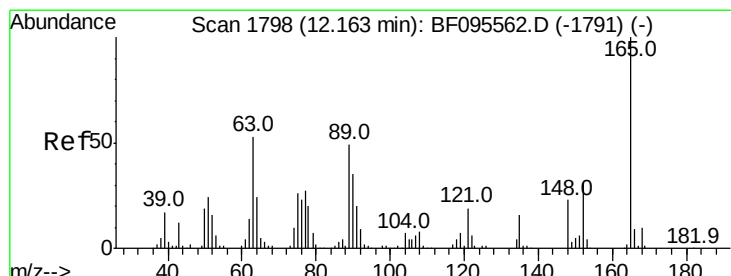
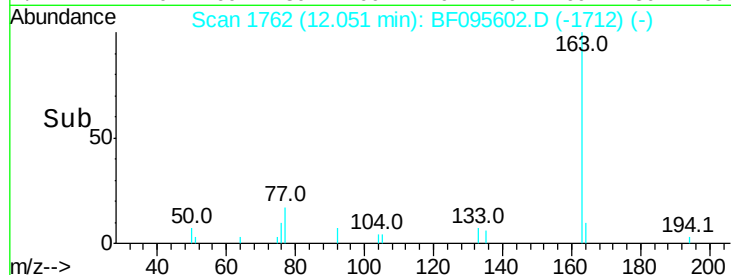
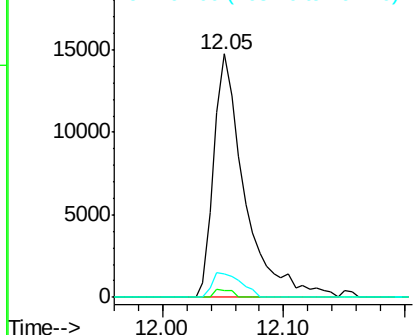
#49
Dimethylphthalate
Concen: 2.19 ng
RT: 12.05 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 26184
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 9.7 8.4 12.6

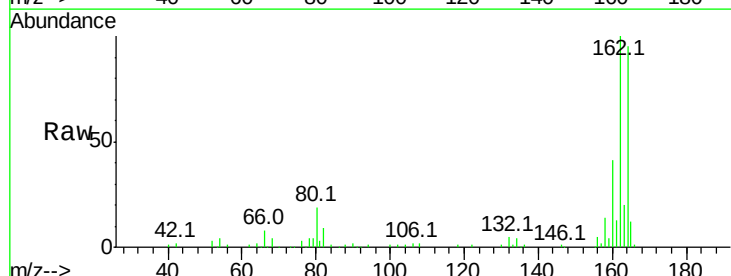


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

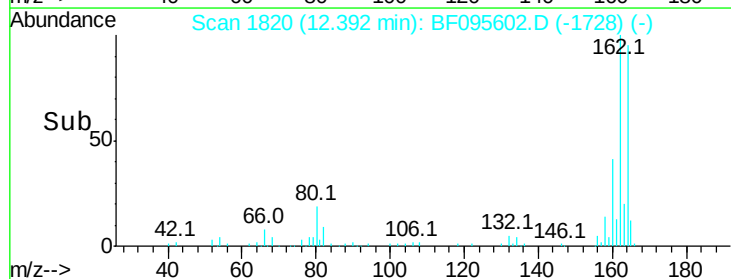
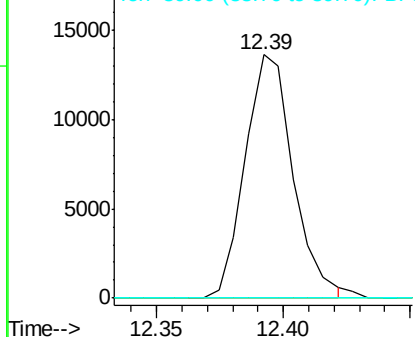


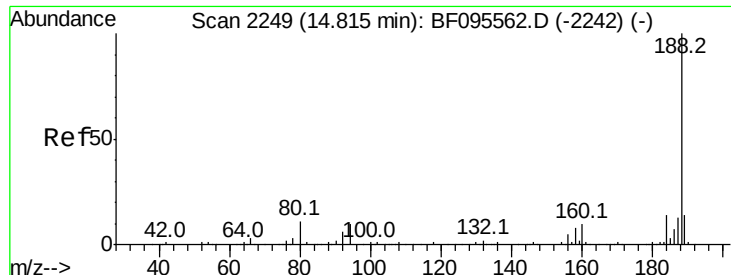
#50
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:165 Resp: 18030
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. -0.01 min

Lab File: BF095602.D

Acq: 1 Jun 2017 19:09

Instrument :

BNA_F

ClientSampled :

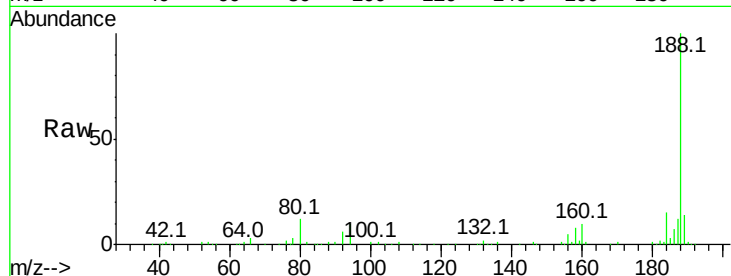
Tot Ion:188 Resp: 280539

Ion Ratio Lower Upper

188 100

94 9.5 9.4 14.2

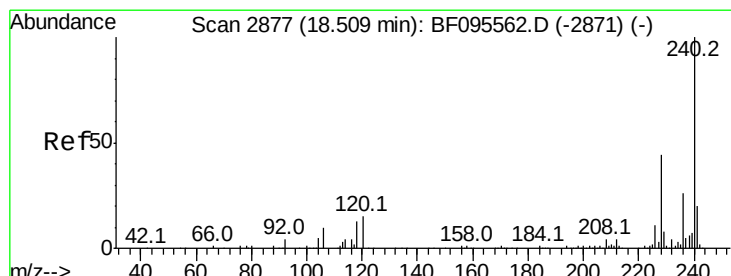
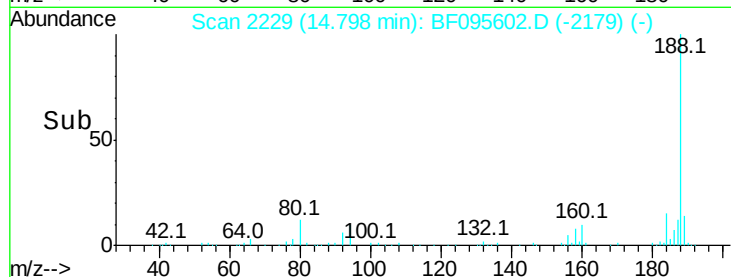
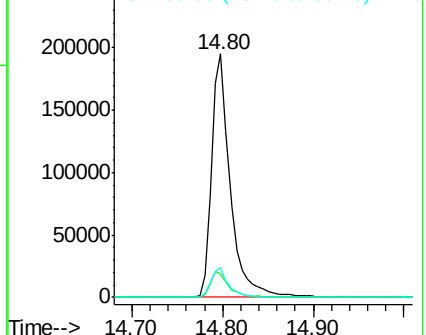
80 12.2 10.2 15.2



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: 18.49 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BF095602.D

Acq: 1 Jun 2017 19:09

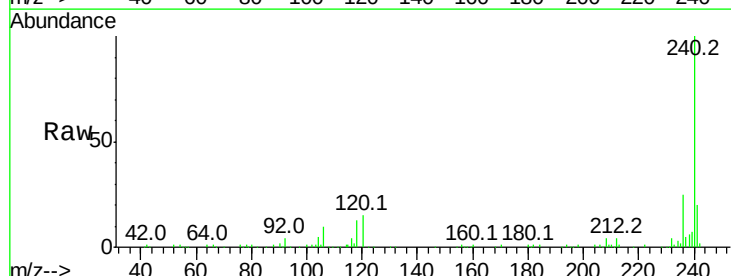
Tgt Ion:240 Resp: 245213

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

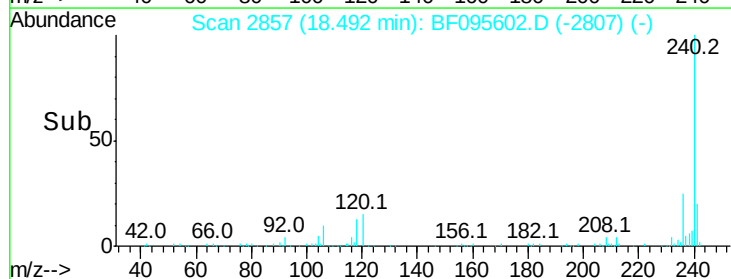
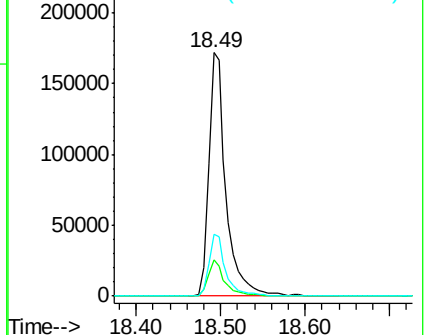
236 25.3 20.5 30.7

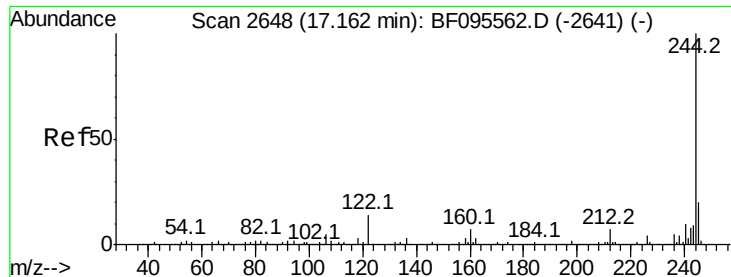


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

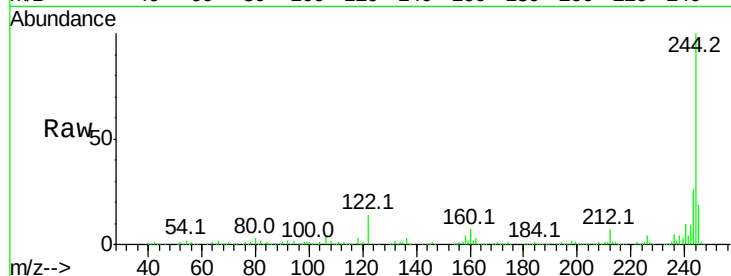




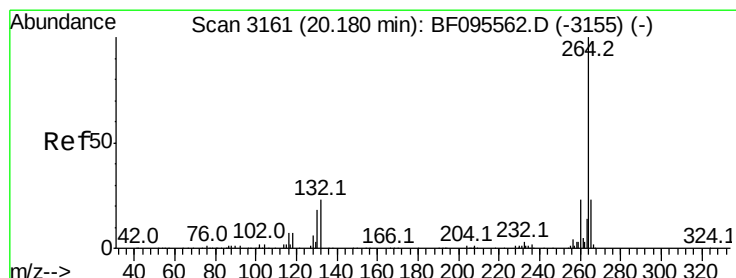
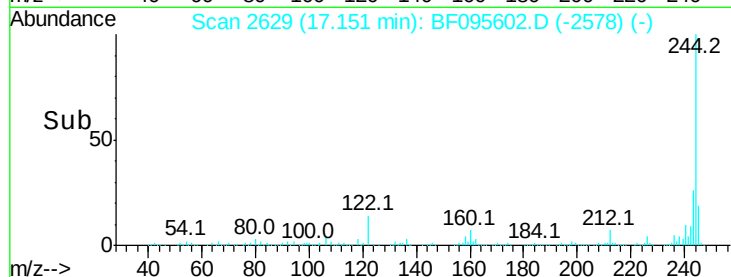
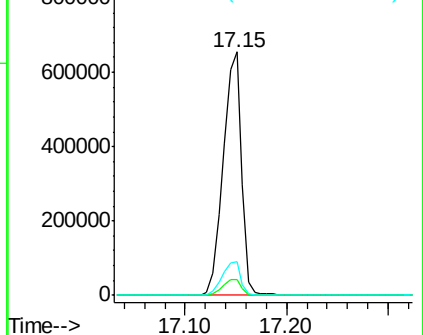
#78
 Terphenyl-d14
 Concen: 73.61 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BF095602.D
 Acq: 1 Jun 2017 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 819529
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.7 10.3 15.5

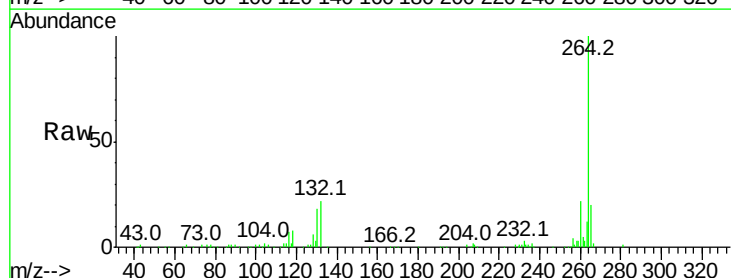


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BF095602.D
 Acq: 1 Jun 2017 19:09

Tgt Ion:264 Resp: 168149
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 20.4 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

