

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095052.D
 Acq On : 10 May 2017 8:23
 Operator : SJ/MA
 Sample : I3031-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 11:14:13 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

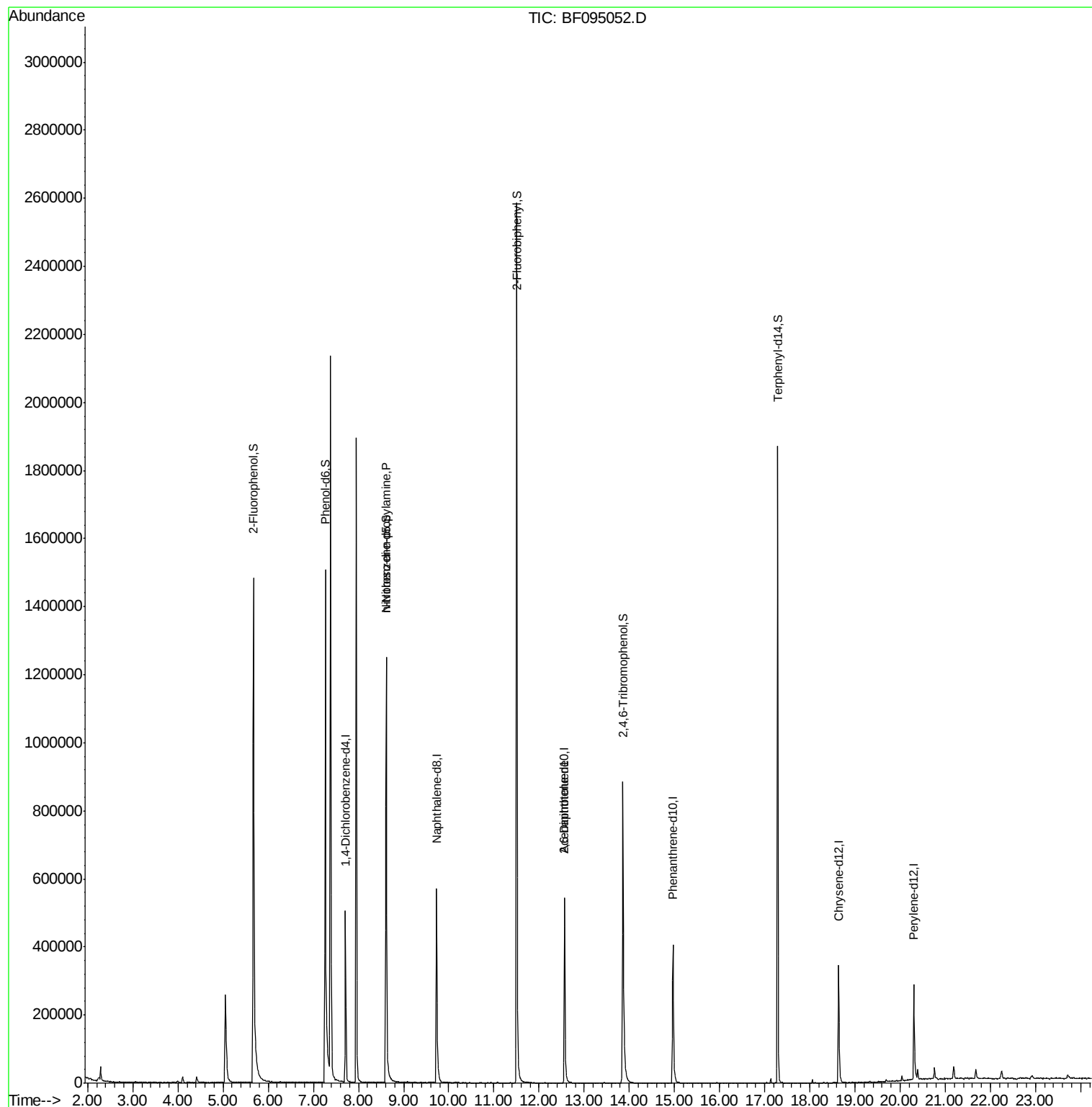
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	106518	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	422988	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	183924	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	282100	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	191470	20.00	ng	-0.02
86) Perylene-d12	20.31	264	171628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	791161	123.83	ng	0.00
7) Phenol-d6	7.27	99	964997	125.88	ng	-0.01
23) Nitrobenzene-d5	8.62	82	642444	95.77	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	196869	130.70	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1252770	98.04	ng	-0.02
78) Terphenyl-d14	17.29	244	756736	87.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	81104	15.64	ng	# 72
50) 2,6-Dinitrotoluene	12.57	165	18394	5.97	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: 7.71 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF095052.D

Acq: 10 May 2017 8:23

Instrument :

BNA_F

ClientSampleId :

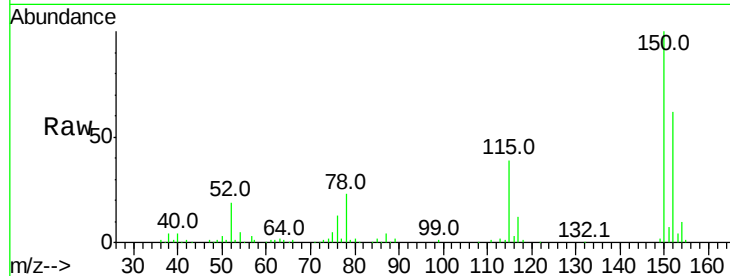
Tot Ion:152 Resp: 106518

Ion Ratio Lower Upper

152 100

150 161.1 126.2 189.2

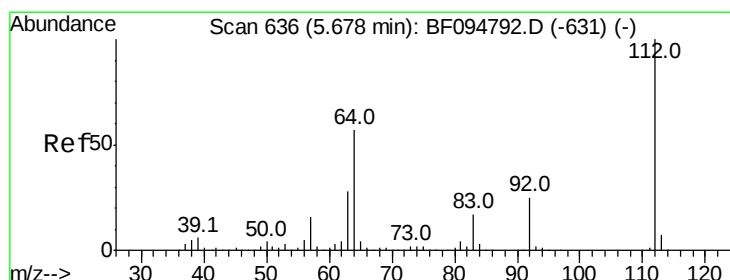
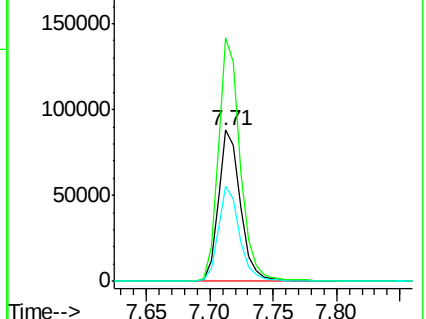
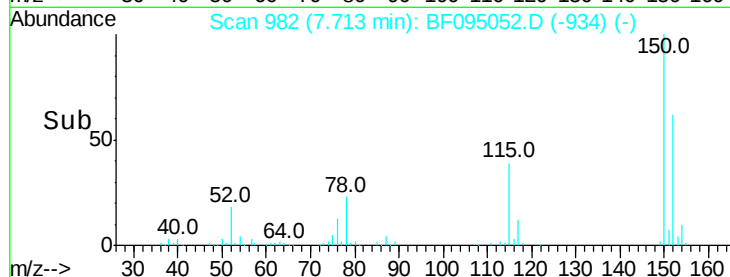
115 62.7 52.2 78.2



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: 123.83 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF095052.D

Acq: 10 May 2017 8:23

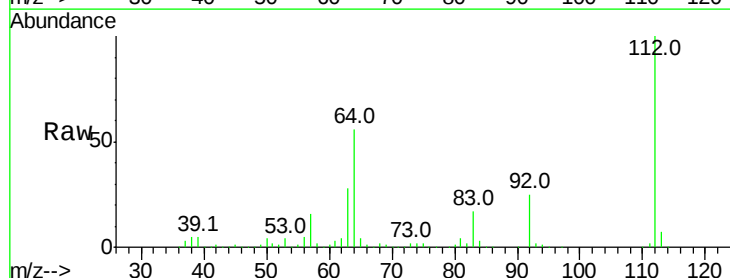
Tgt Ion:112 Resp: 791161

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

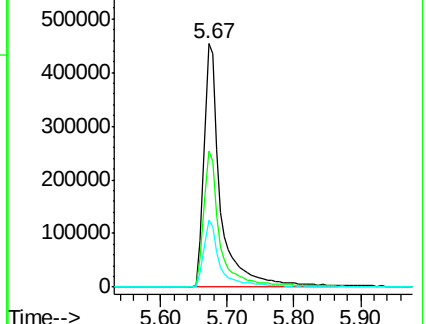
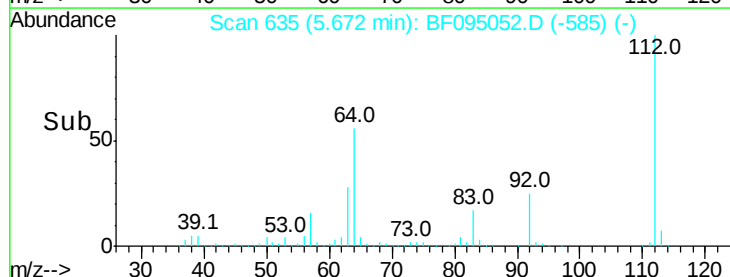
63 27.6 23.4 35.0

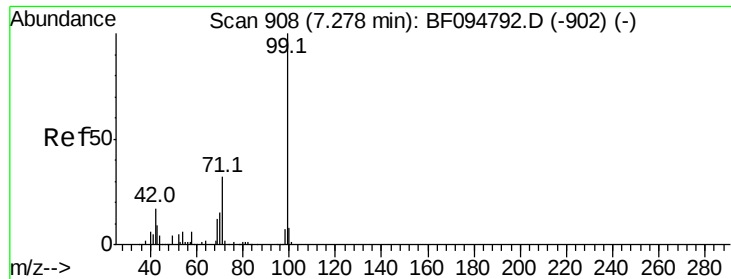


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.88 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095052.D

Acq: 10 May 2017 8:23

Instrument :

BNA_F

ClientSampleId :

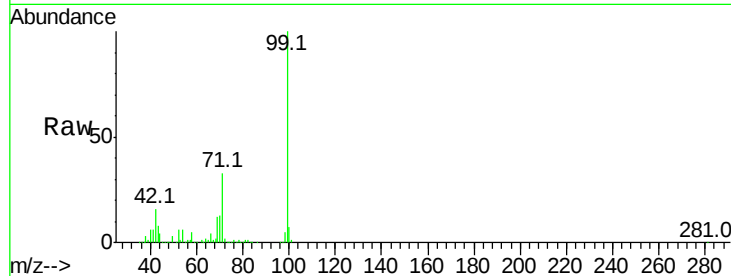
Tot Ion: 99 Resp: 964997

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

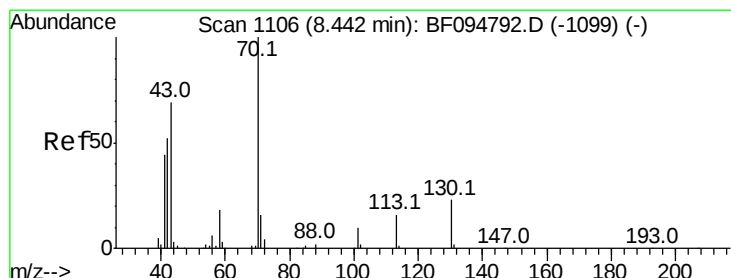
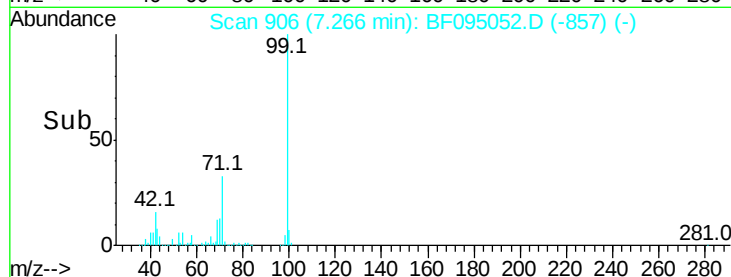
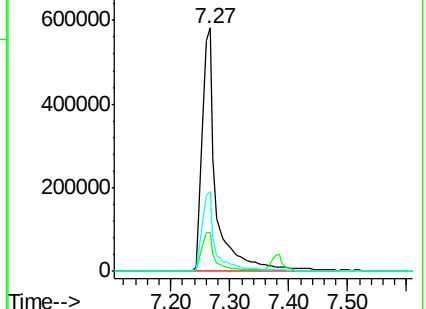
71 32.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.64 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF095052.D

Acq: 10 May 2017 8:23

Tgt Ion: 70 Resp: 81104

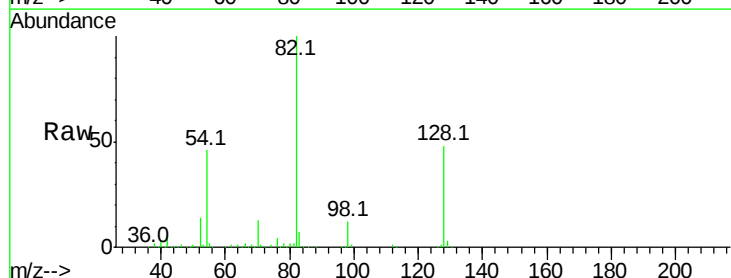
Ion Ratio Lower Upper

70 100

42 41.0 47.2 70.8#

101 0.0 7.2 10.8#

130 1.7 15.9 23.9#

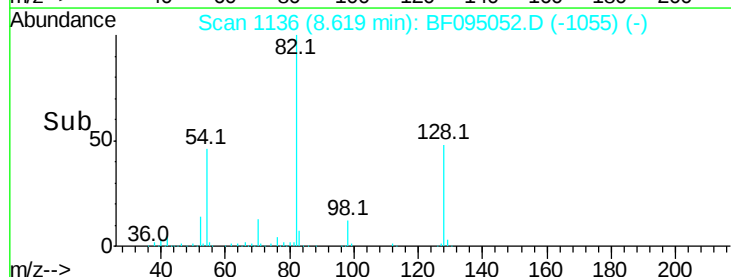
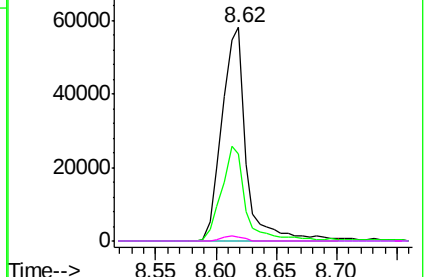


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095052.D

Acq: 10 May 2017 8:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 422988

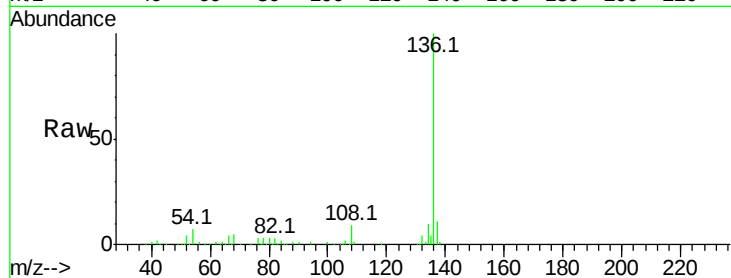
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.1 4.9 7.3

68 5.3 4.1 6.1

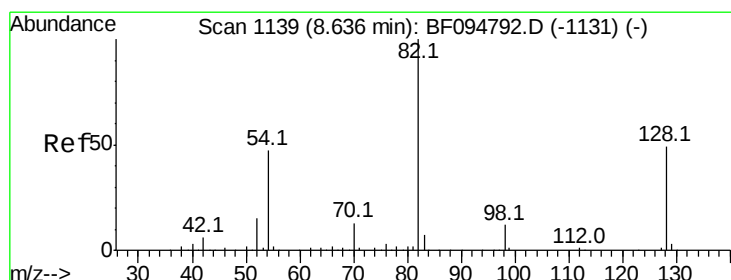
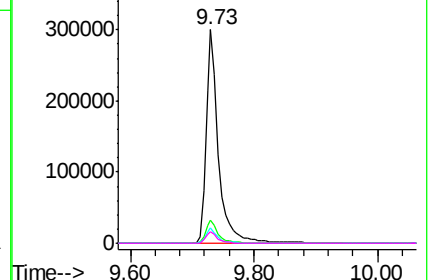
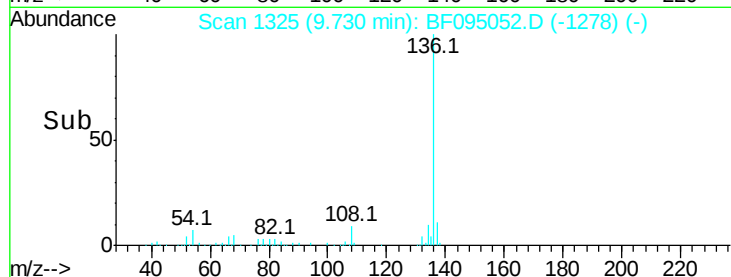


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.77 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF095052.D

Acq: 10 May 2017 8:23

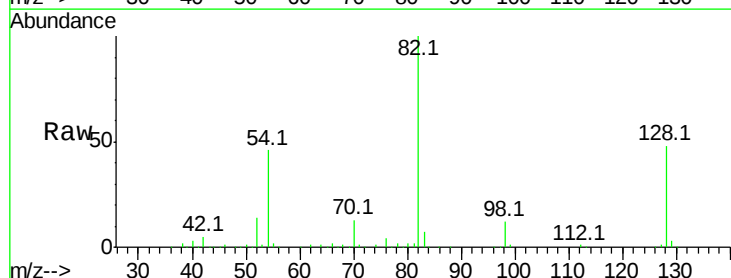
Tgt Ion: 82 Resp: 642444

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

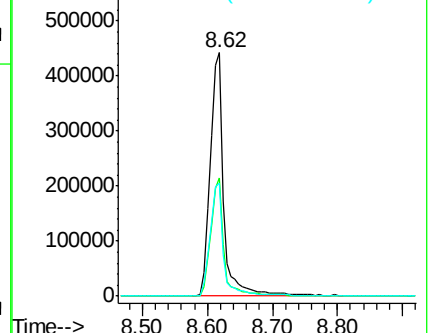
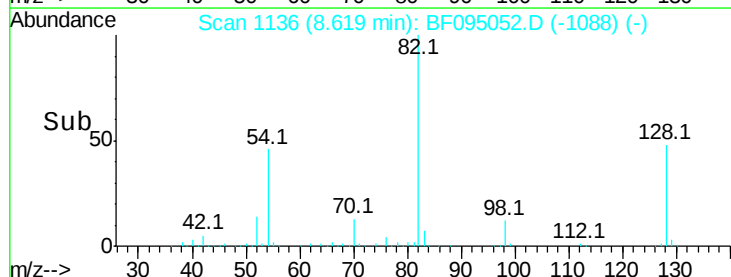
54 46.3 42.2 63.2



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: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF095052.D

Acq: 10 May 2017 8:23

Instrument :

BNA_F

ClientSampleId :

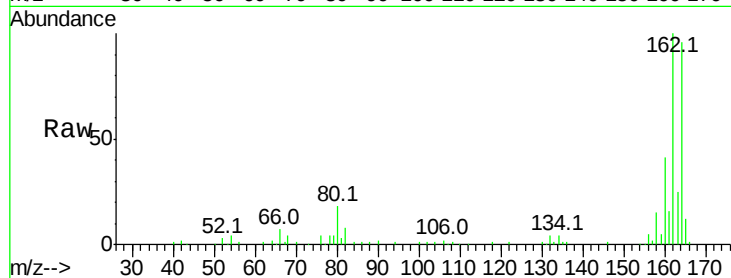
Tot Ion:164 Resp: 183924

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

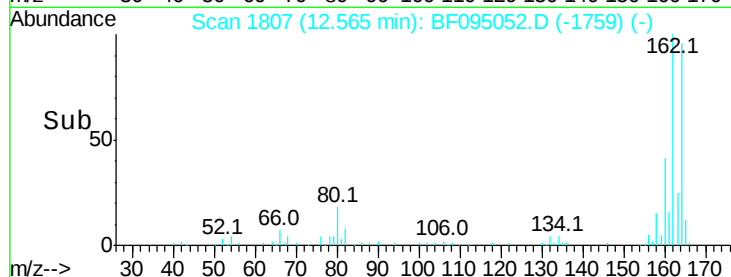
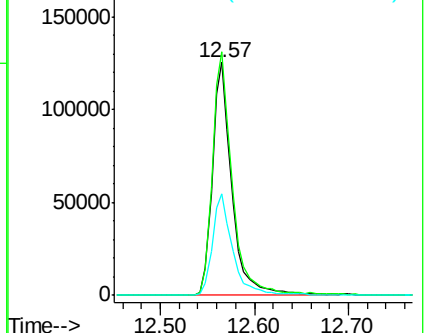
160 43.3 36.2 54.2



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: 130.70 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095052.D

Acq: 10 May 2017 8:23

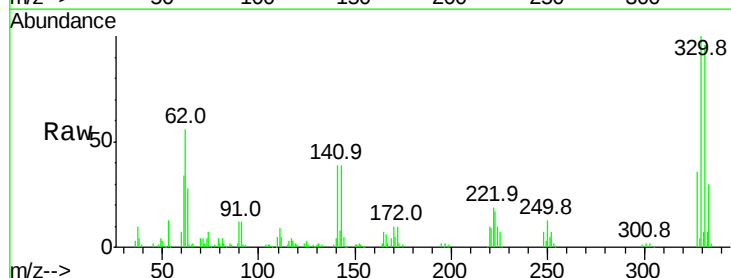
Tgt Ion:330 Resp: 196869

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

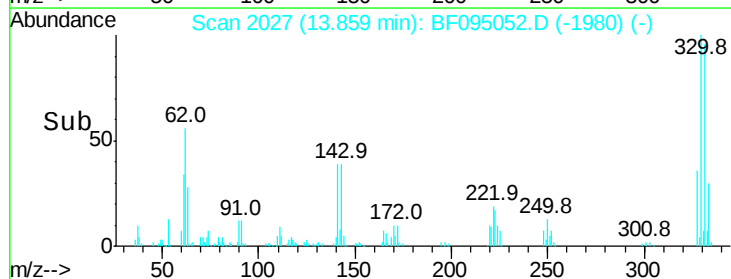
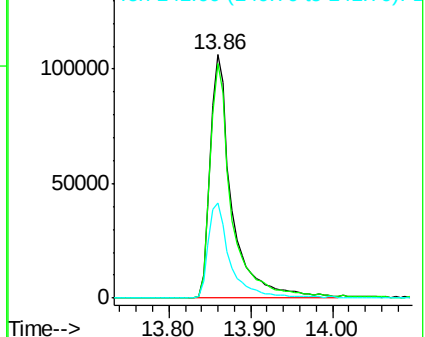
141 39.0 31.4 47.2



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

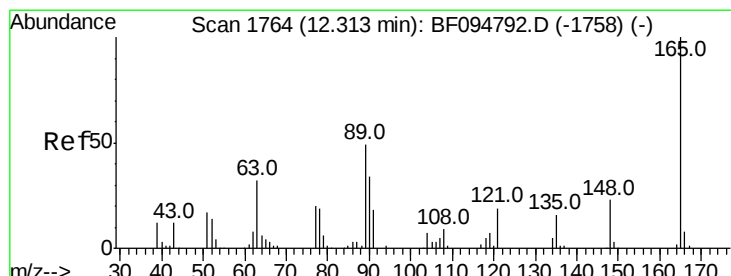
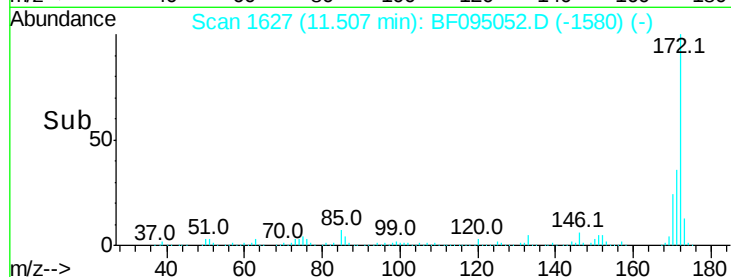
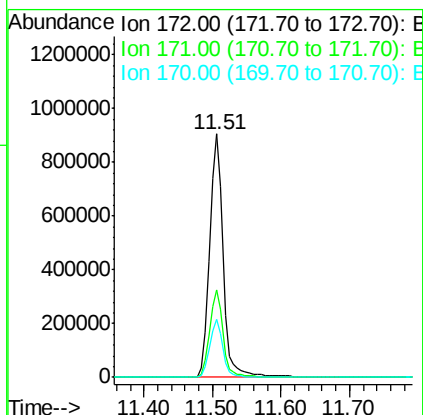
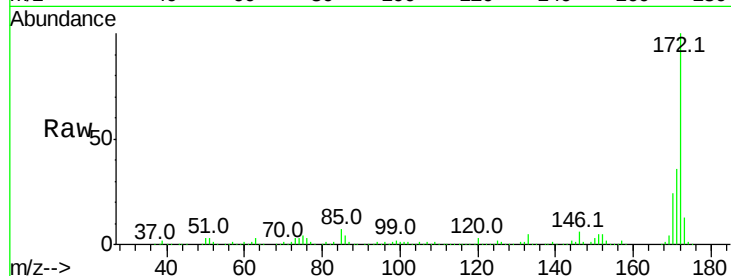




#44
 2-Fluorobiphenyl
 Concen: 98.04 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095052.D
 Acq: 10 May 2017 8:23

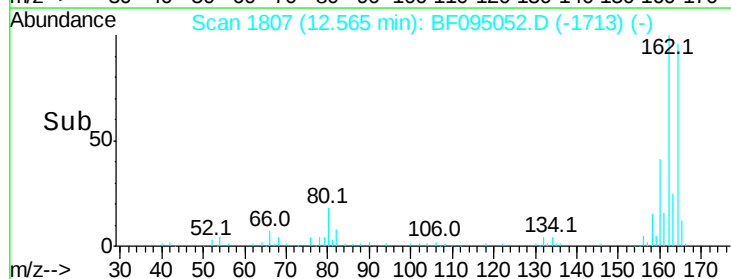
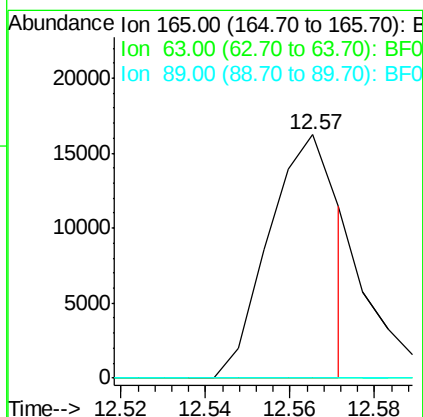
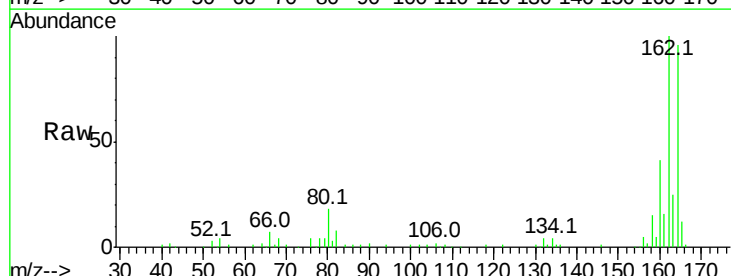
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1252770
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.9 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.97 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF095052.D
 Acq: 10 May 2017 8:23

Tgt Ion:165 Resp: 18394
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

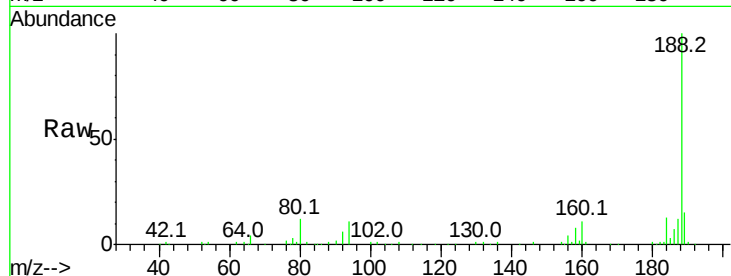




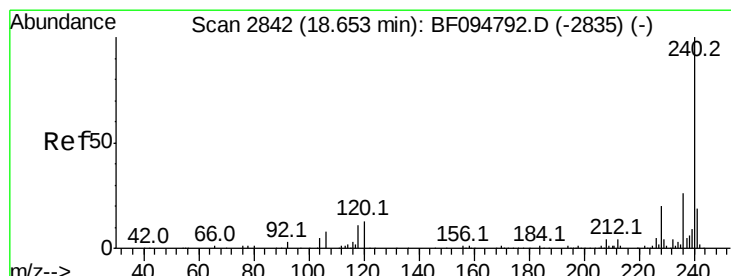
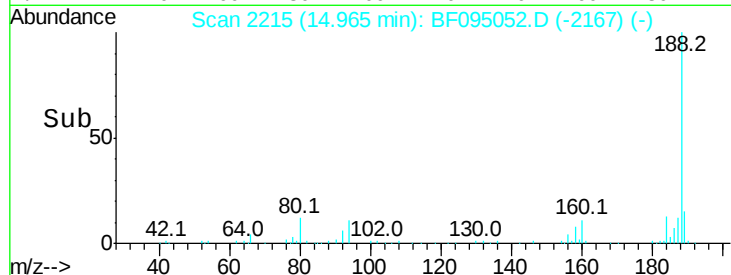
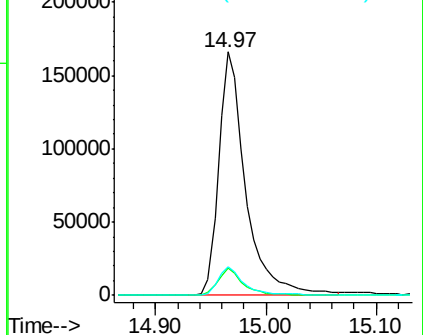
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF095052.D
 Acq: 10 May 2017 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 282100
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.4 14.2
 80 11.7 10.2 15.2

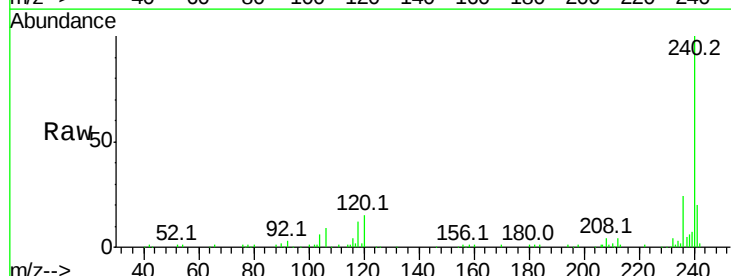


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

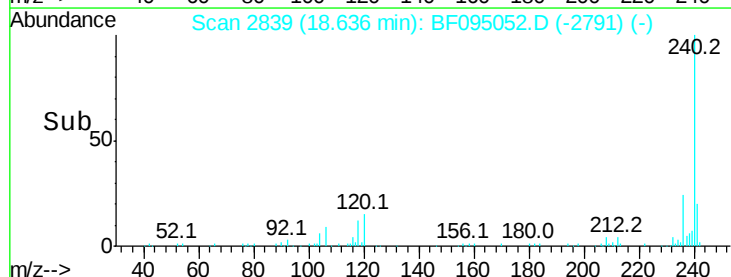
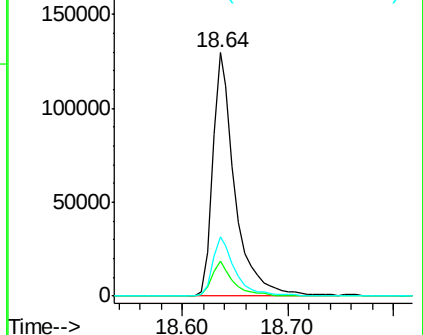


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF095052.D
 Acq: 10 May 2017 8:23

Tgt Ion:240 Resp: 191470
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.3 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

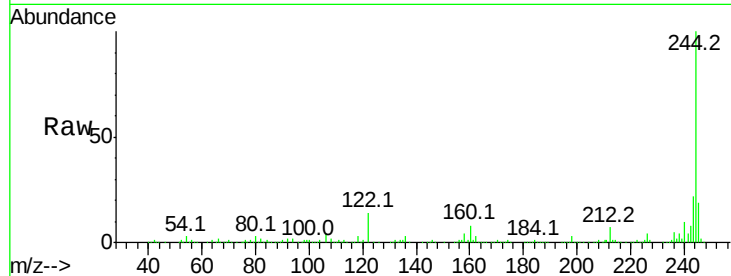




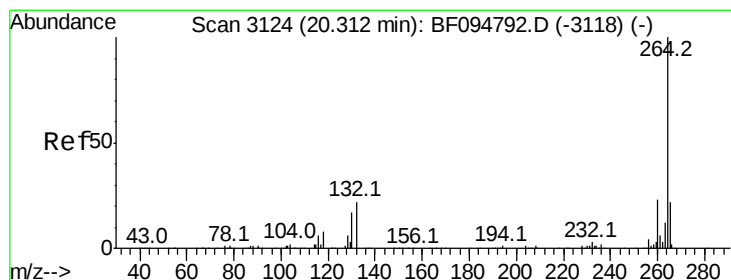
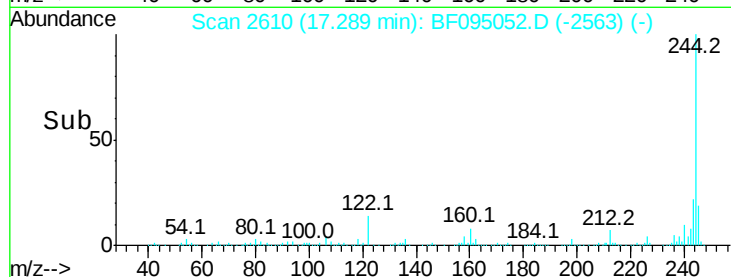
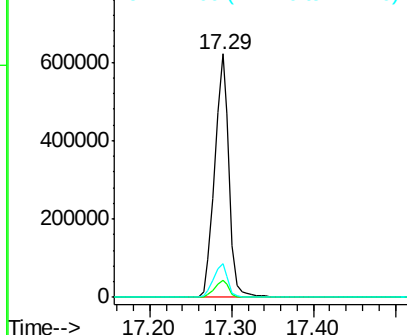
#78
 Terphenyl-d14
 Concen: 87.05 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095052.D
 Acq: 10 May 2017 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 756736
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5

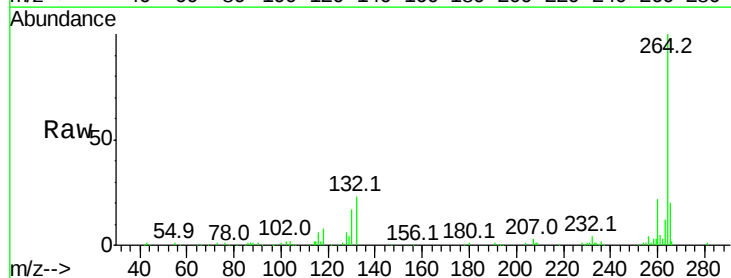


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095052.D
 Acq: 10 May 2017 8:23

Tgt Ion:264 Resp: 171628
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 20.0 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

