

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095870.D
 Acq On : 11 Jun 2017 4:45
 Operator : SJ/MA
 Sample : I3591-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:55:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

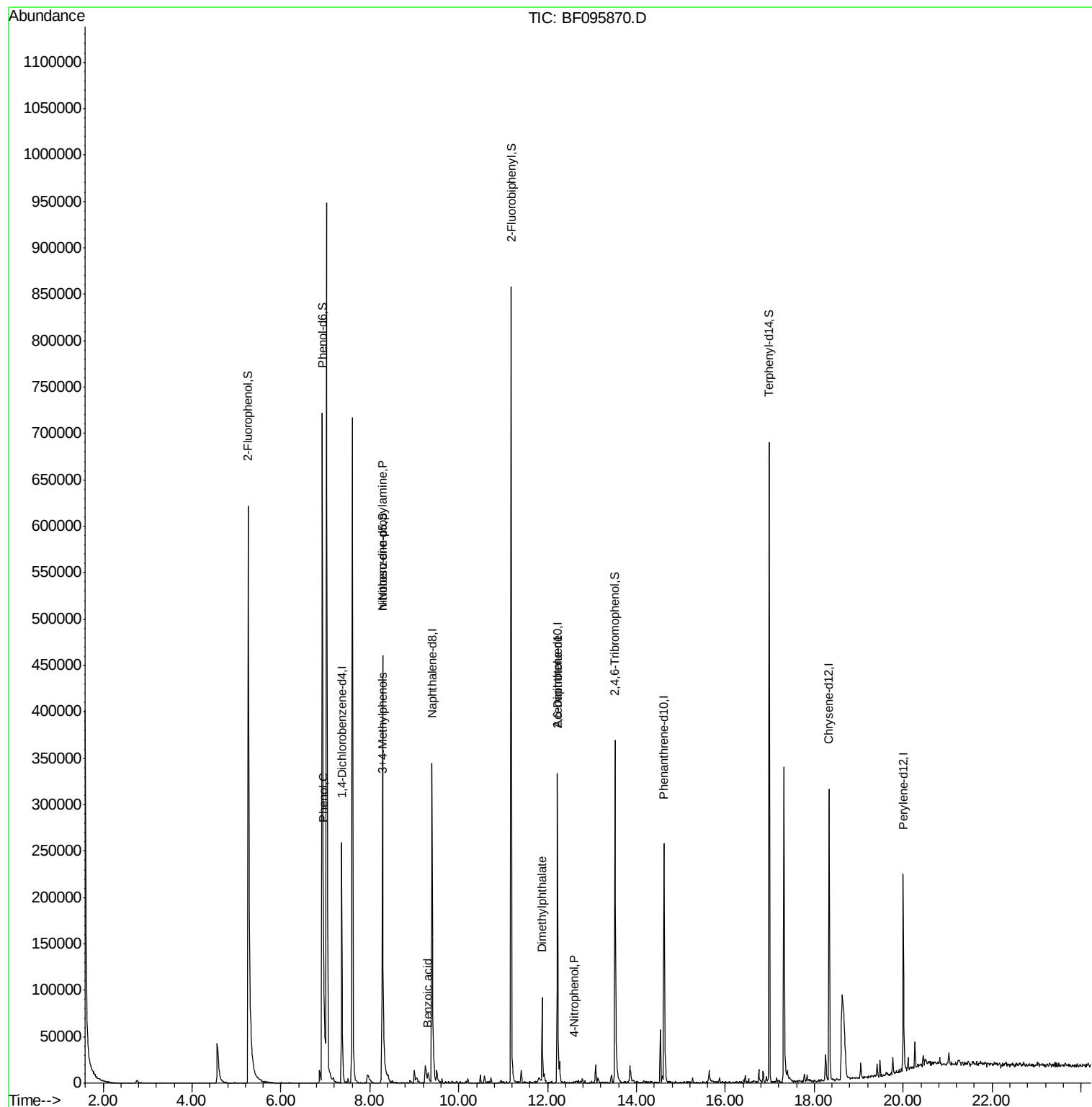
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	59634	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	237896	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	93766	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	143636	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	135355	20.00	ng	-0.02
86) Perylene-d12	20.00	264	94962	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	406787	108.70	ng	-0.02
7) Phenol-d6	6.93	99	489779	109.32	ng	-0.03
23) Nitrobenzene-d5	8.28	82	262924	68.64	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	72302	87.15	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	400834	59.49	ng	-0.04
78) Terphenyl-d14	16.99	244	254421	46.65	ng	-0.03
Target Compounds						
10) Phenol	6.95	94	15970	3.44	ng	# 73
19) n-Nitroso-di-n-propylamine	8.28	70	32060	11.29	ng	# 78
20) 3+4-Methylphenols	8.27	107	9835	2.32	ng	# 63
32) Benzoic acid	9.31	122	6049	7.72	ng	# 12
49) Dimethylphthalate	11.87	163	60554	8.51	ng	# 98
50) 2,6-Dinitrotoluene	12.22	165	12331	7.94	ng	# 31
55) 4-Nitrophenol	12.59	139	261	4.86	ng	# 25

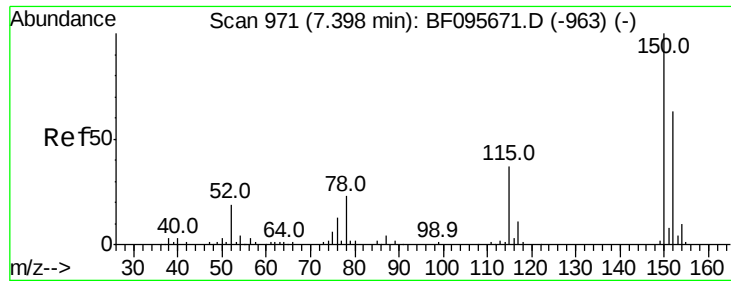
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
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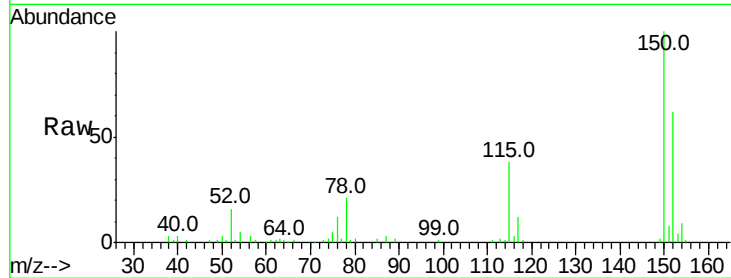


#1

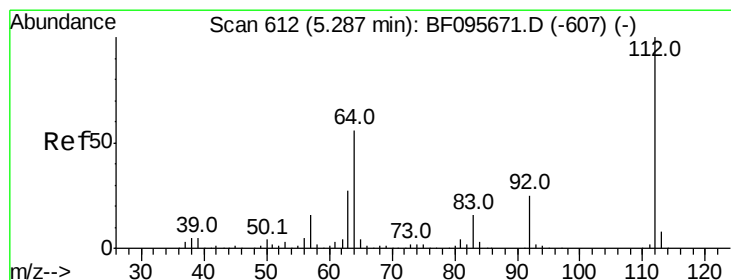
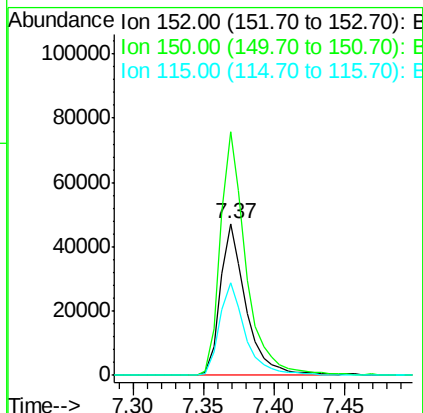
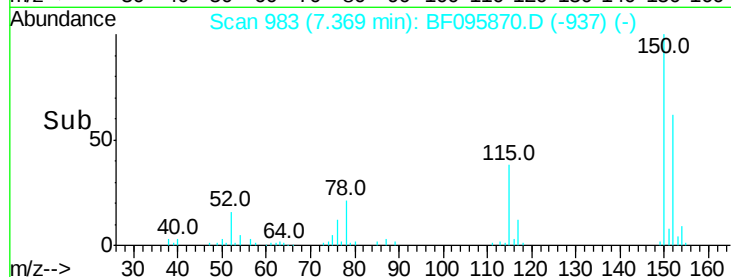
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59634
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 60.5 52.2 78.2



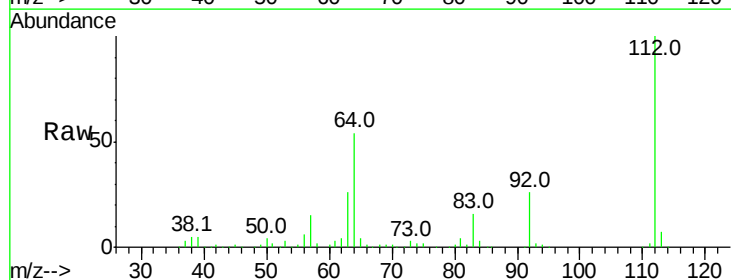
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



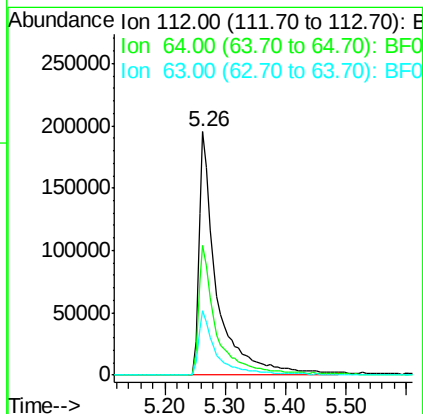
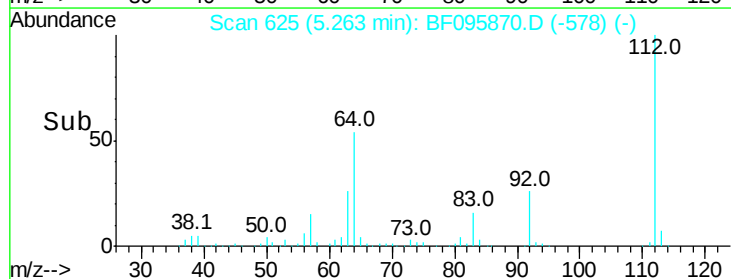
#5

2-Fluorophenol
Concen: 108.70 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

Tgt Ion:112 Resp: 406787
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 26.3 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: 109.32 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampleId :

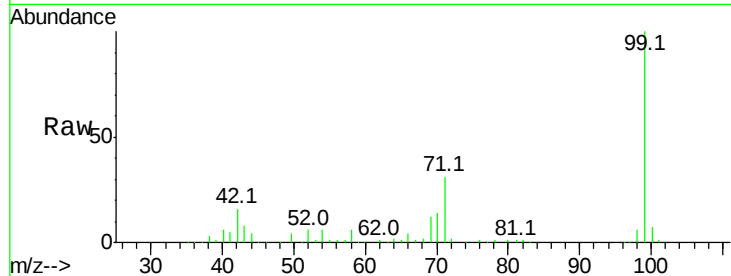
Tot Ion: 99 Resp: 489779

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

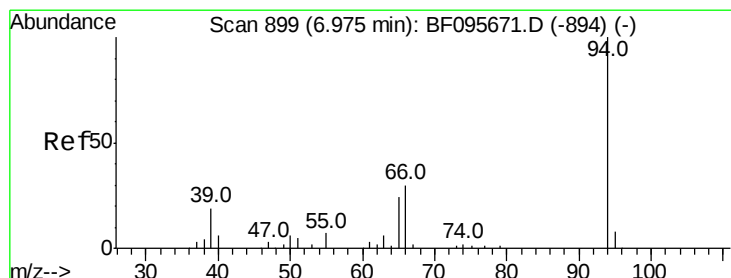
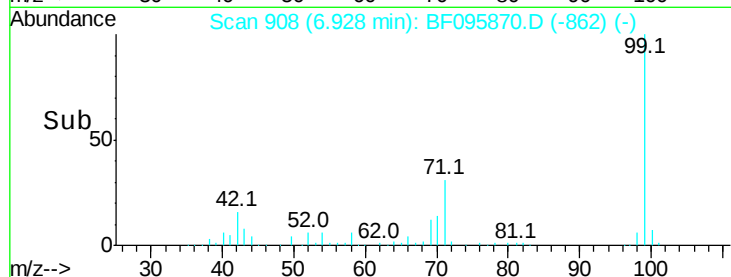
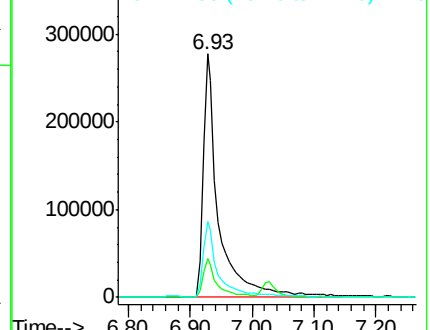
71 31.3 24.5 36.7



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: 3.44 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

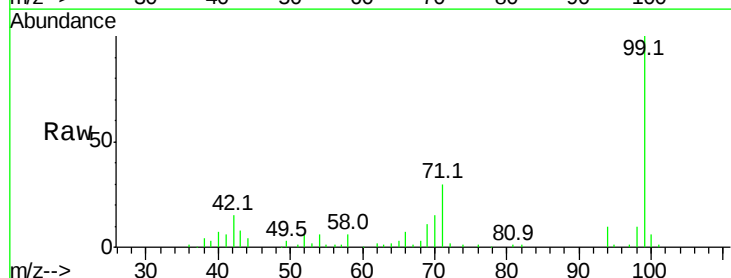
Tgt Ion: 94 Resp: 15970

Ion Ratio Lower Upper

94 100

65 27.2 9.9 49.9

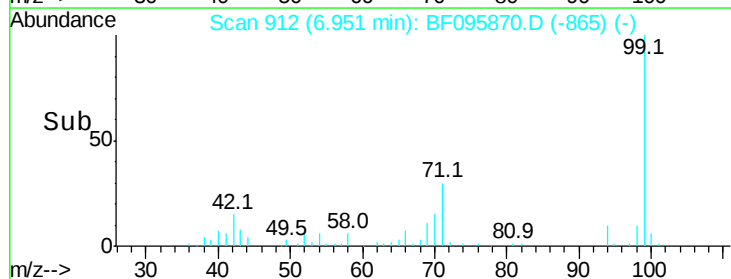
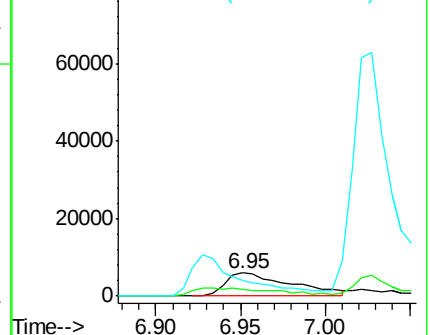
66 70.2 23.1 63.1#

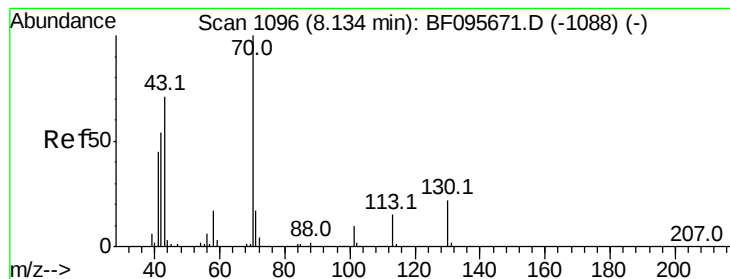


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 11.29 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 32060

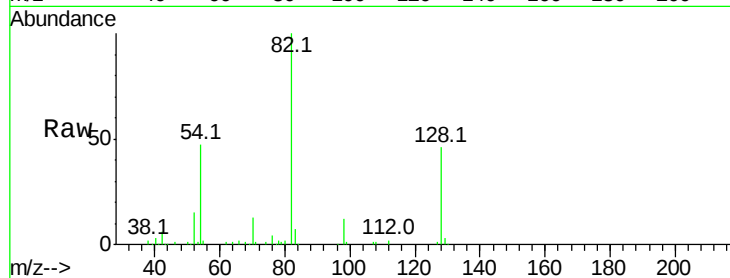
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

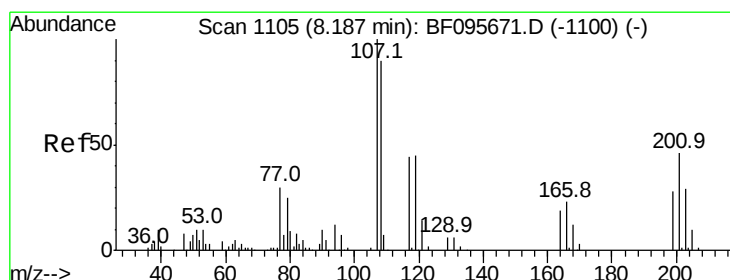
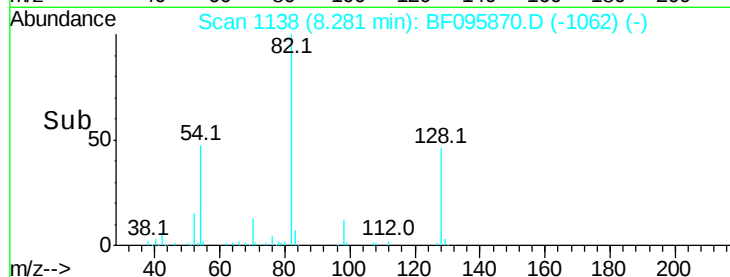
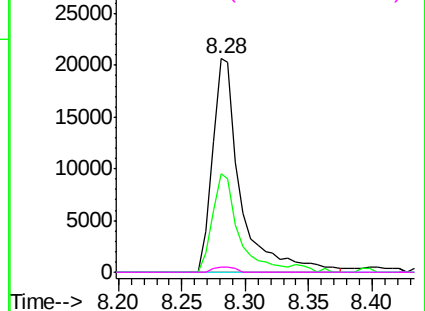


Abundance Ion 70.00 (69.70 to 70.70): BF0

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



#20

3+4-Methylphenols

Concen: 2.32 ng

RT: 8.27 min Scan# 1136

Delta R.T. 0.08 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Tgt Ion:107 Resp: 9835

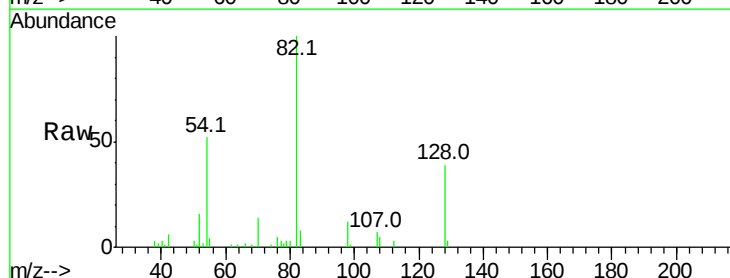
Ion Ratio Lower Upper

107 100

108 80.9 71.0 111.0

77 43.8 90.5 130.5#

79 37.8 8.4 48.4

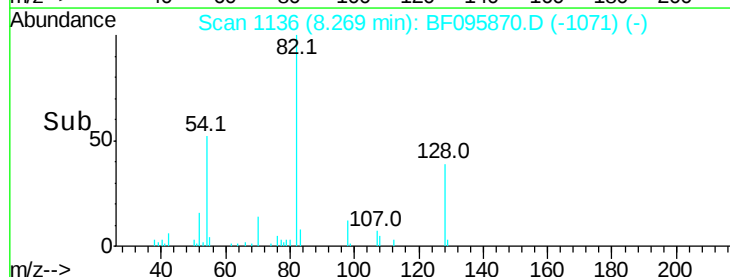
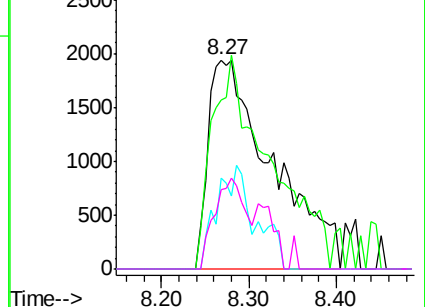


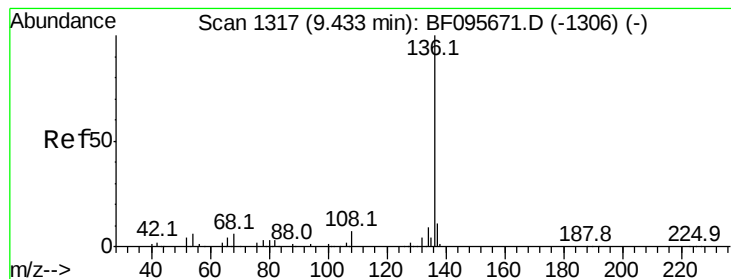
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 237896

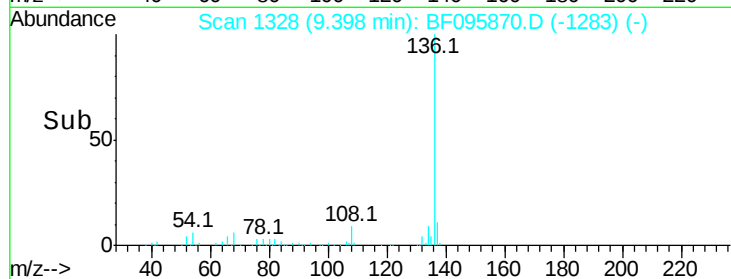
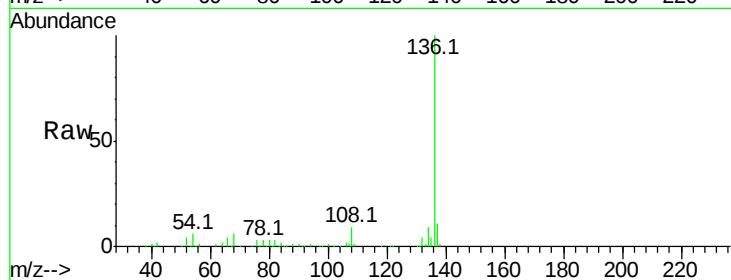
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

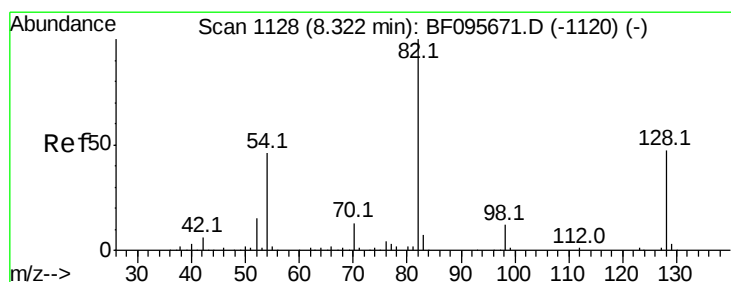
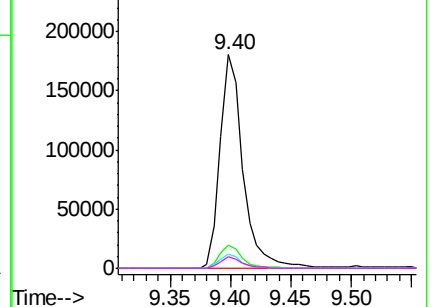


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.64 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

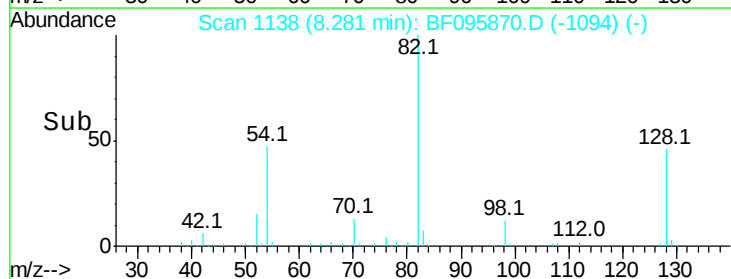
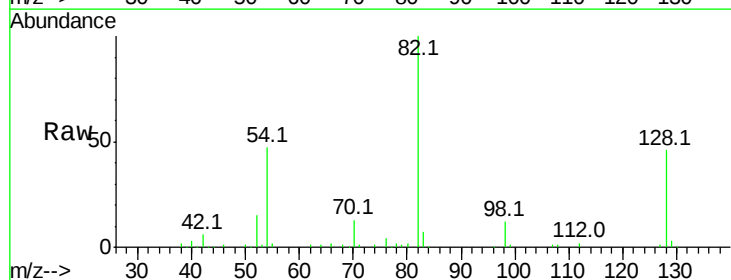
Tgt Ion: 82 Resp: 262924

Ion Ratio Lower Upper

82 100

128 46.2 34.0 51.0

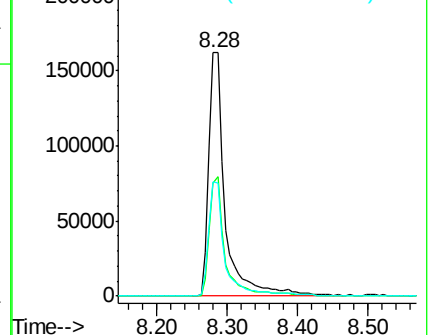
54 47.0 42.2 63.2

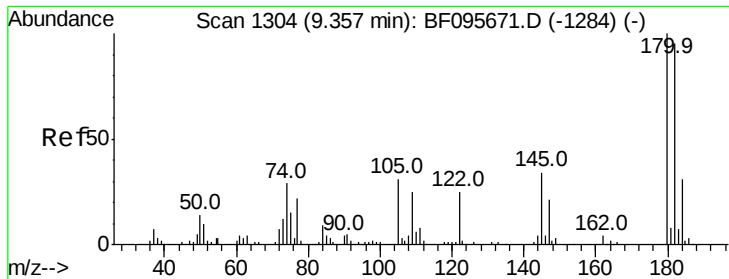


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 7.72 ng

RT: 9.31 min Scan# 1313

Delta R.T. -0.05 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampled :

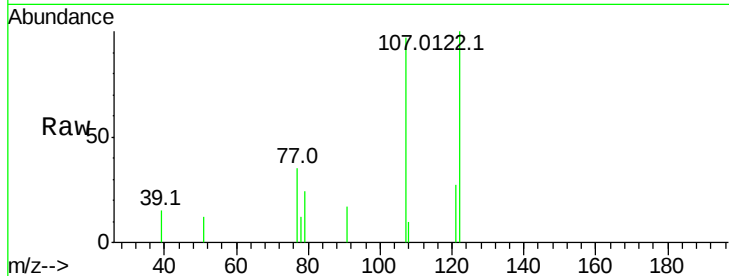
Tot Ion:122 Resp: 6049

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

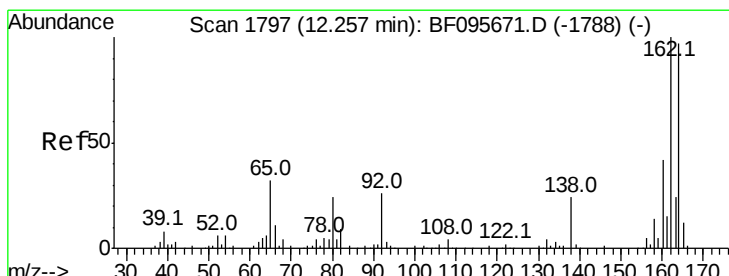
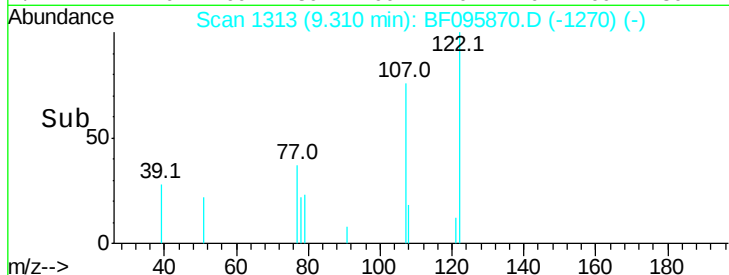
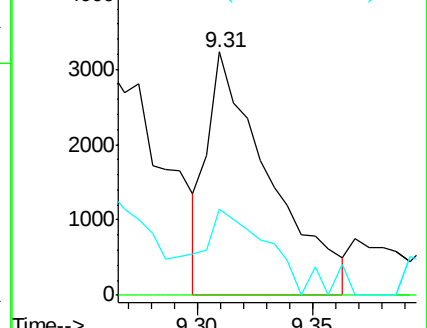
77 35.5 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

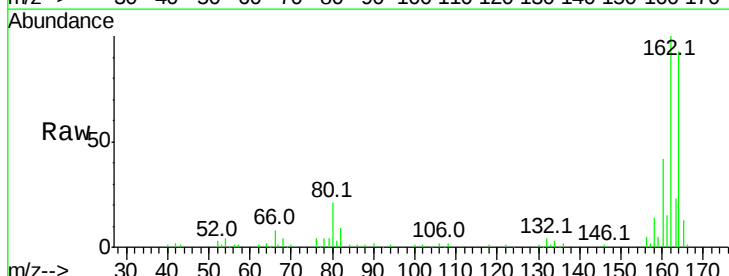
Tgt Ion:164 Resp: 93766

Ion Ratio Lower Upper

164 100

162 107.2 82.6 123.8

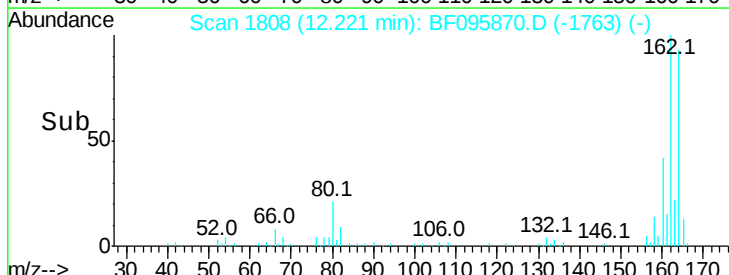
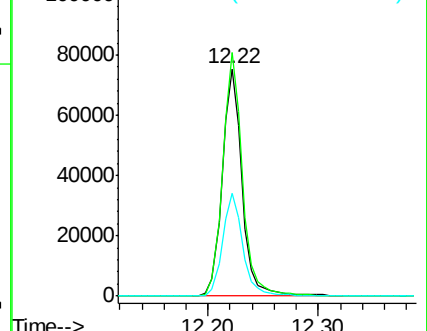
160 45.2 36.2 54.2

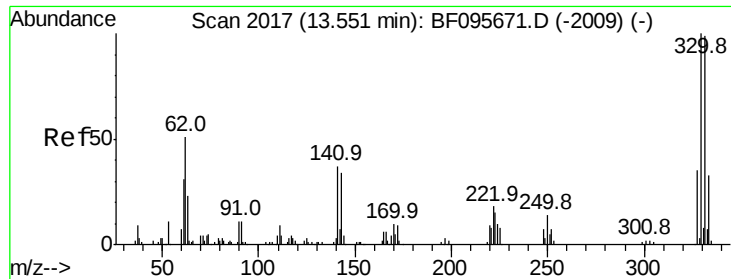


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

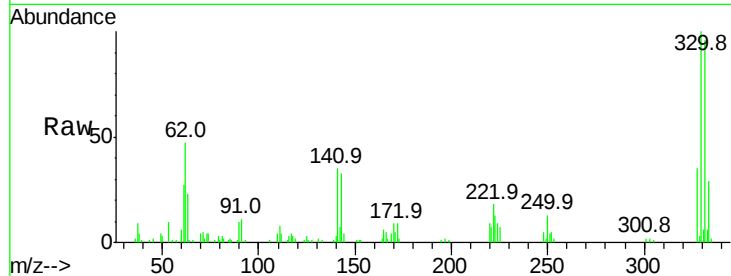




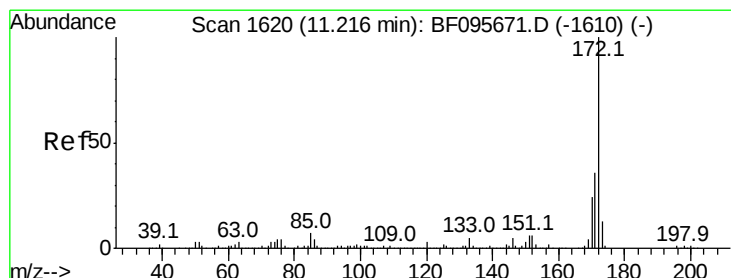
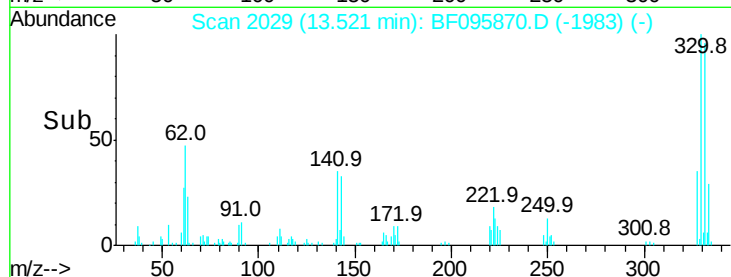
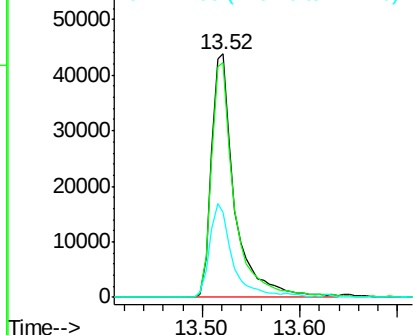
#41
 2,4,6-Tribromophenol
 Concen: 87.15 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF095870.D
 Acq: 11 Jun 2017 4:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 72302
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.9 31.4 47.2

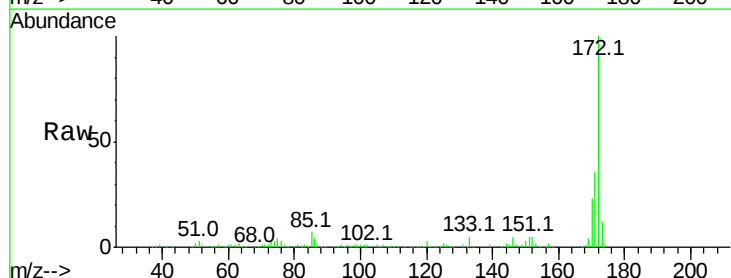


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

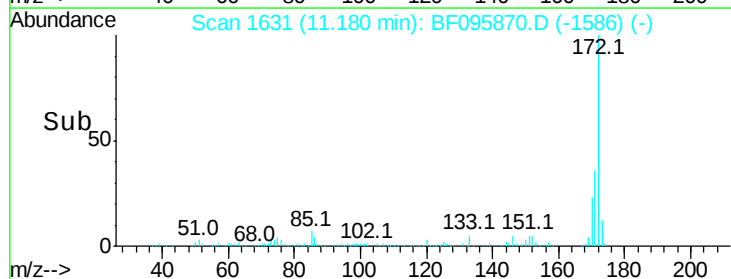
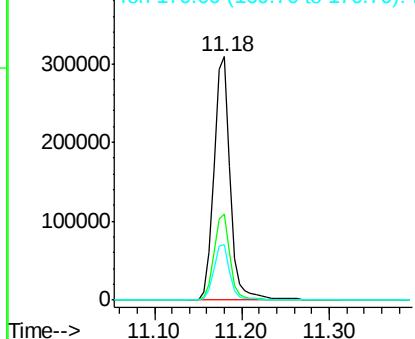


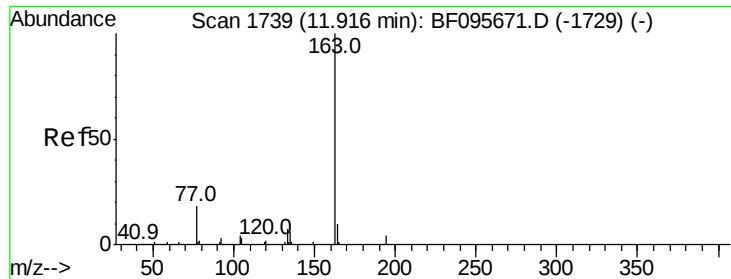
#44
 2-Fluorobiphenyl
 Concen: 59.49 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095870.D
 Acq: 11 Jun 2017 4:45

Tgt Ion:172 Resp: 400834
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 22.8 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





#49

Dimethylphthalate

Concen: 8.51 ng

RT: 11.87 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

Instrument :

BNA_F

ClientSampleId :

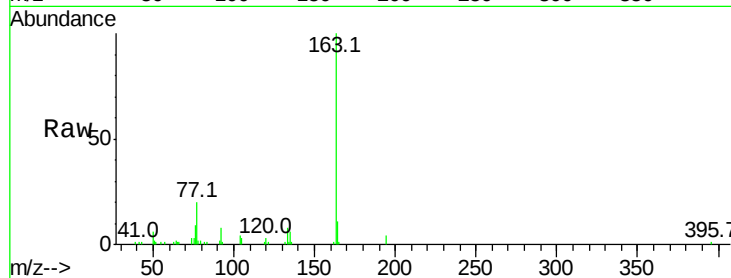
Tot Ion:163 Resp: 60554

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

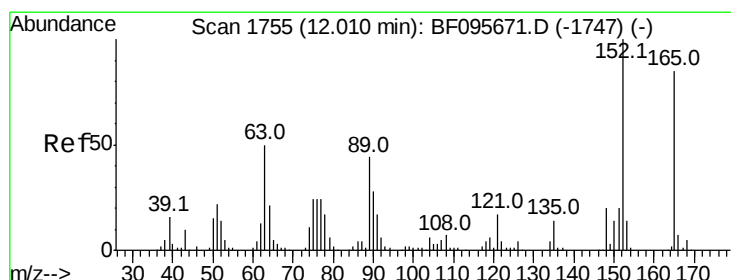
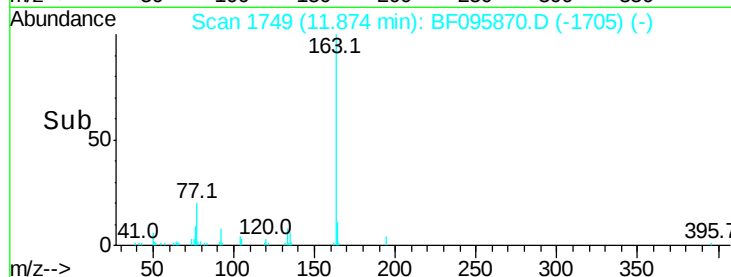
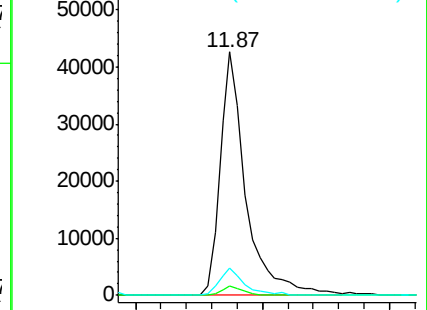
164 11.1 8.4 12.6



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: 7.94 ng

RT: 12.22 min Scan# 1808

Delta R.T. 0.21 min

Lab File: BF095870.D

Acq: 11 Jun 2017 4:45

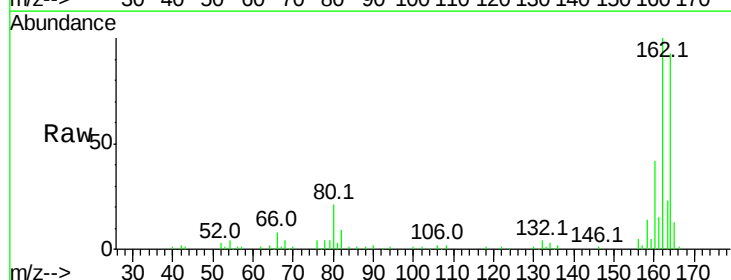
Tgt Ion:165 Resp: 12331

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

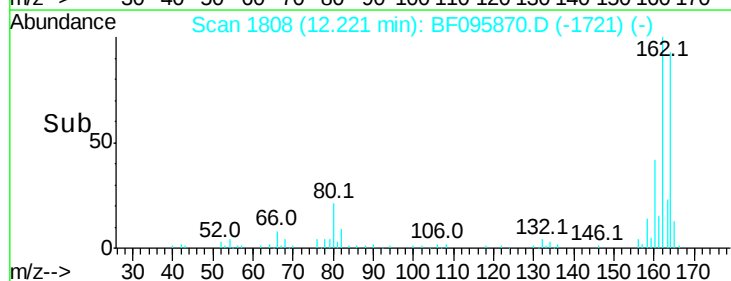
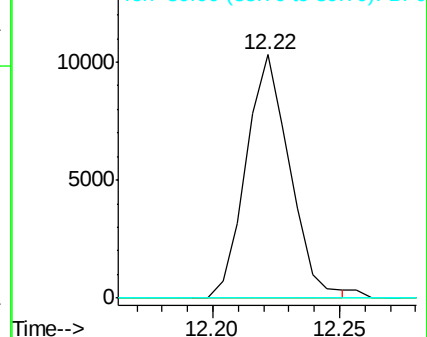
89 0.0 37.1 55.7#

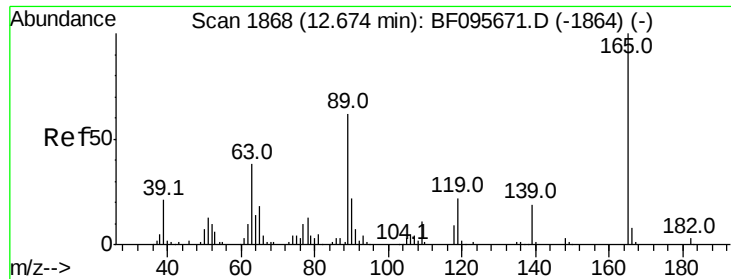


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

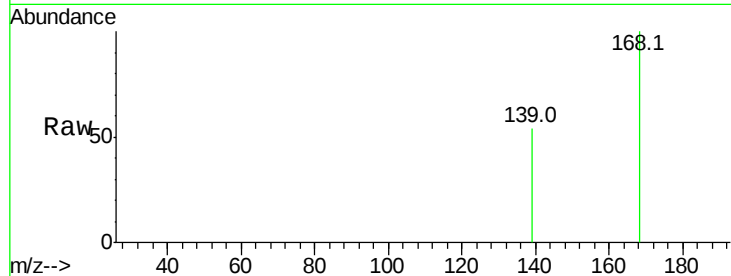




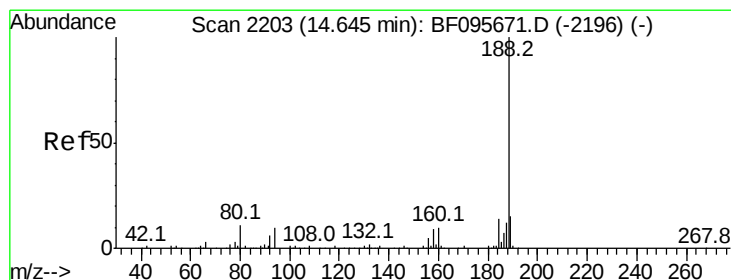
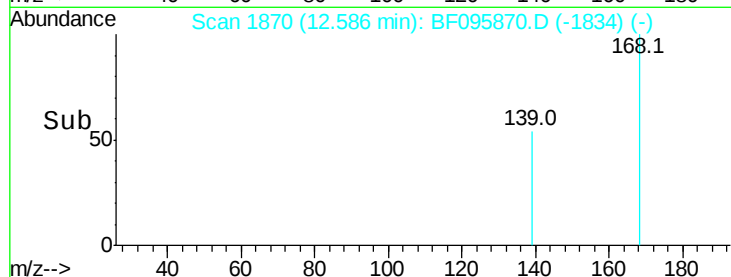
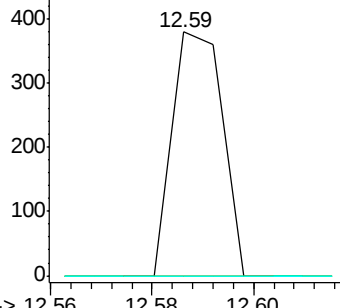
#55
4-Nitrophenol
Concen: 4.86 ng
RT: 12.59 min Scan# 1870
Delta R.T. -0.09 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 261
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

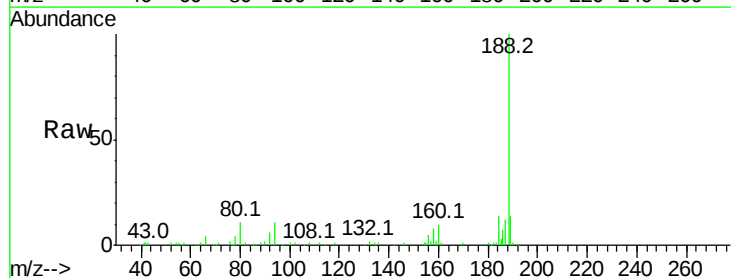


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

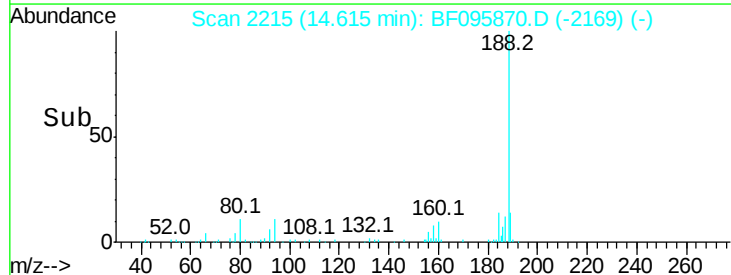
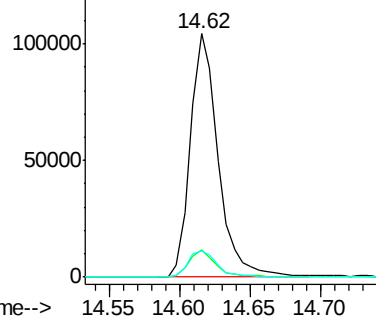


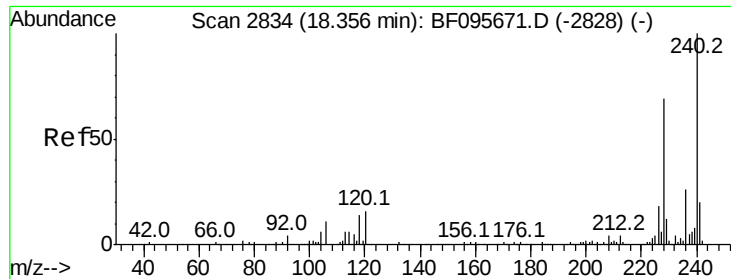
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095870.D
Acq: 11 Jun 2017 4:45

Tgt Ion:188 Resp: 143636
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 10.9 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

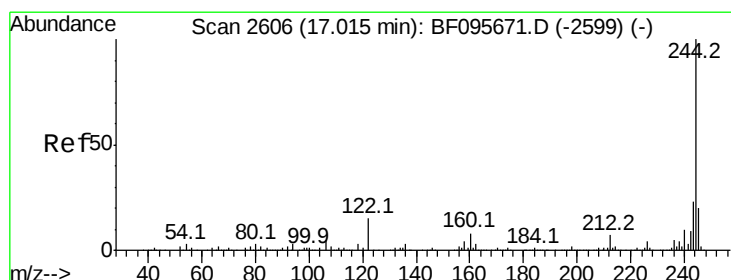
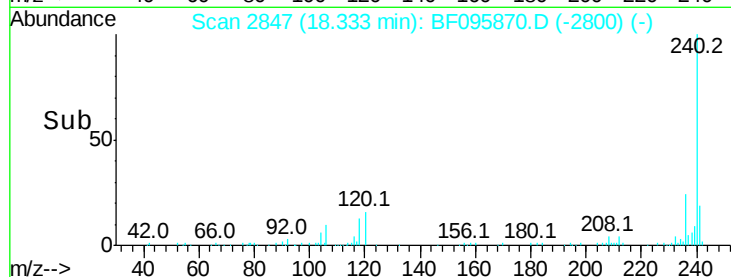
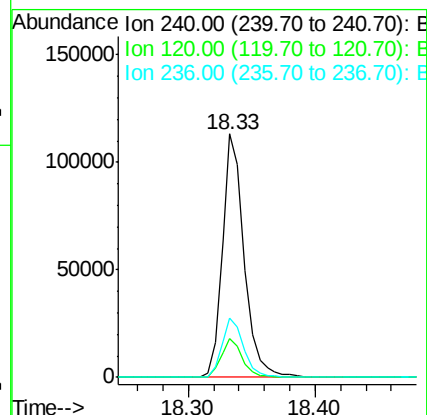
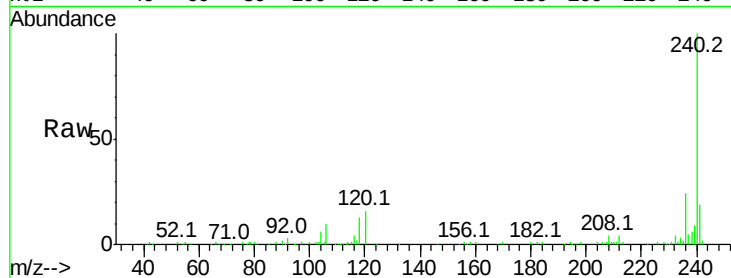




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.02 min
 Lab File: BF095870.D
 Acq: 11 Jun 2017 4:45

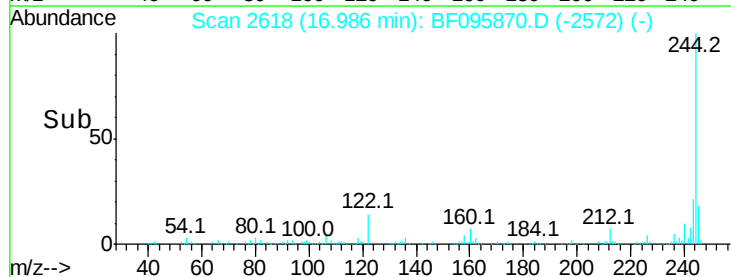
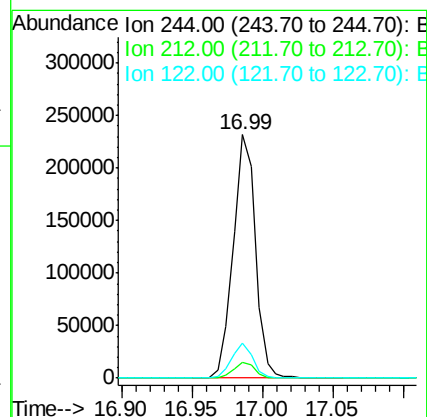
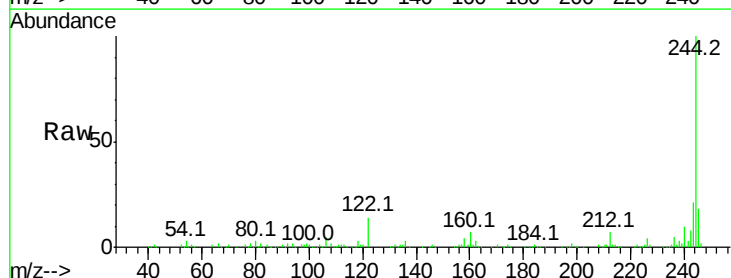
Instrument :
 BNA_F
 ClientSampleId :

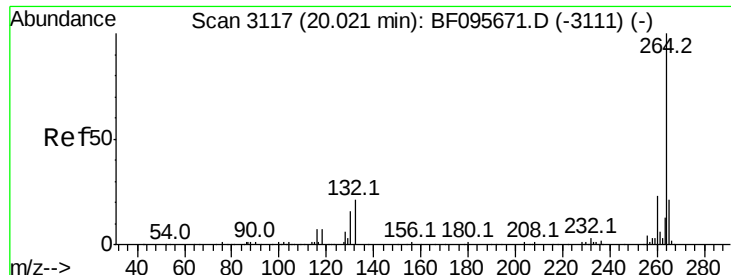
Tot Ion:240 Resp: 135355
 Ion Ratio Lower Upper
 240 100
 120 15.9 5.8 8.8#
 236 24.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 46.65 ng
 RT: 16.99 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BF095870.D
 Acq: 11 Jun 2017 4:45

Tgt Ion:244 Resp: 254421
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.4 10.3 15.5

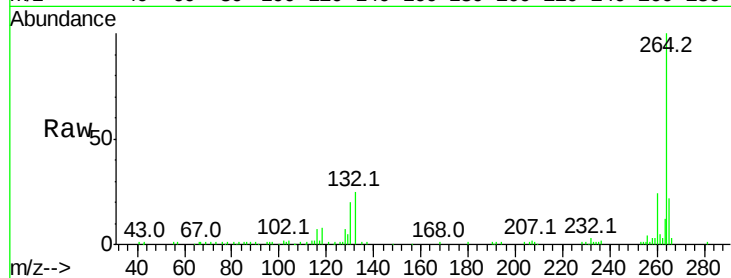




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095870.D
 Acq: 11 Jun 2017 4:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.7	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

