

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099049.D
 Acq On : 4 Oct 2017 00:02
 Operator : SJ/JU
 Sample : I5598-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:42:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

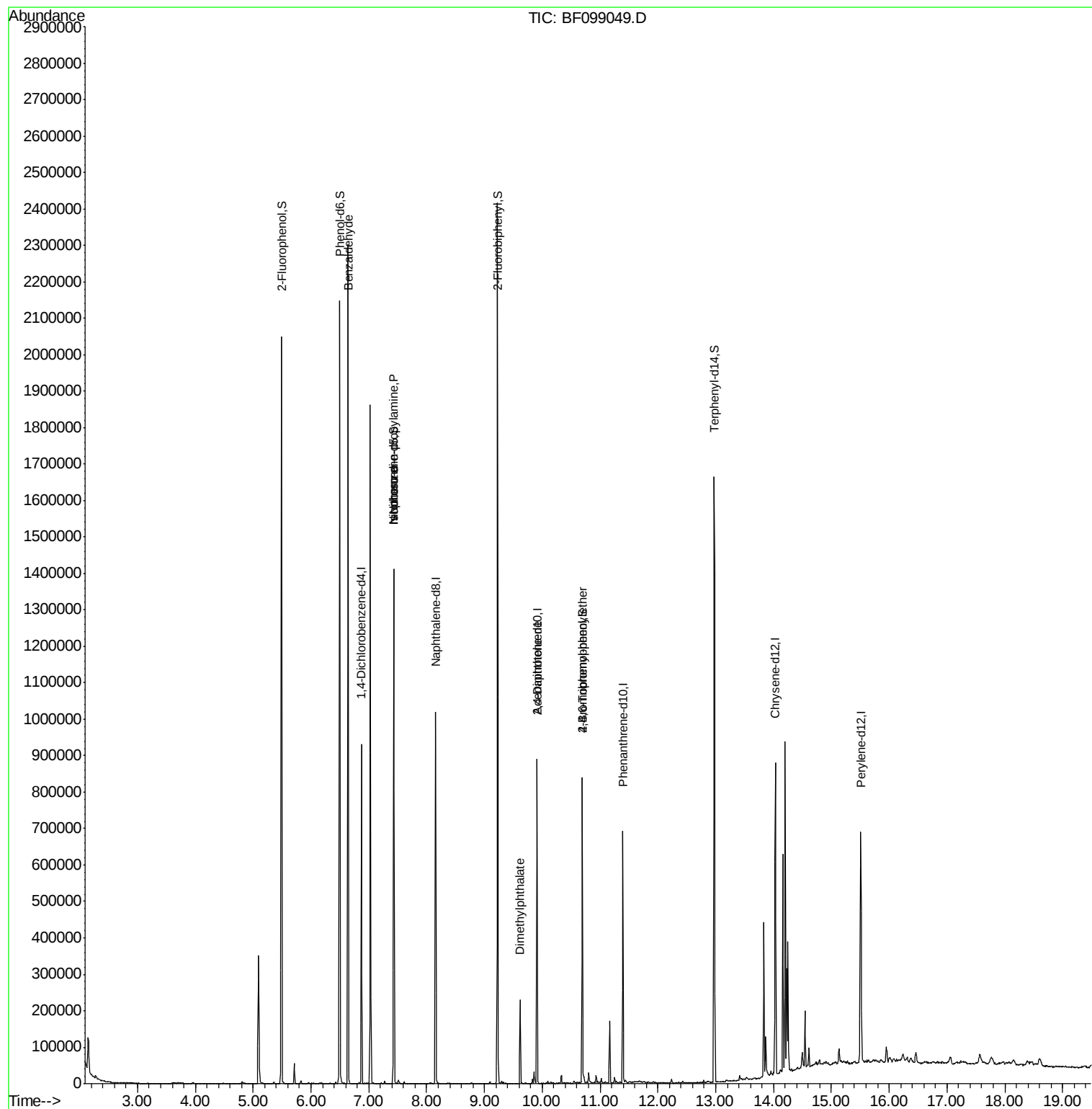
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130126	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	466733	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	157724	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	235164	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	256785	20.00	ng	-0.05
86) Perylene-d12	15.51	264	265853	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	644178	78.81	ng	-0.05
7) Phenol-d6	6.50	99	753010	74.67	ng	-0.05
23) Nitrobenzene-d5	7.43	82	431546	59.30	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	88920	68.90	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	675542	71.50	ng	-0.05
78) Terphenyl-d14	12.97	244	493974	43.75	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	12849	2.20	ng	86
19) n-Nitroso-di-n-propylamine	7.43	70	55147	8.57	ng	# 76
25) Isophorone	7.43	82	424861	28.24	ng	# 64
49) Dimethylphthalate	9.62	163	86804	7.29	ng	100
56) 2,4-Dinitrotoluene	9.91	165	20090	5.97	ng	# 24
66) 4-Bromophenyl-phenylether	10.69	248	6359	2.76	ng	# 1

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

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QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF099049.D

Acq: 4 Oct 2017 00:02

Instrument :

BNA_F

ClientSampleId :

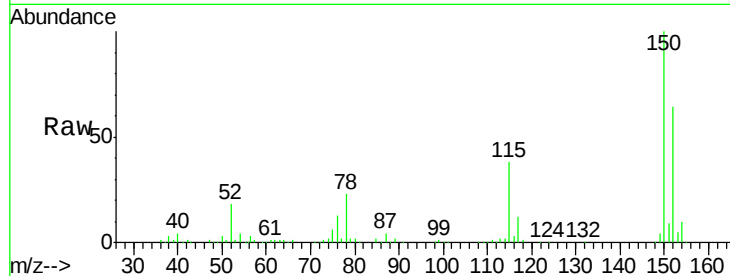
Tot Ion:152 Resp: 130126

Ion Ratio Lower Upper

152 100

150 156.6 124.6 186.8

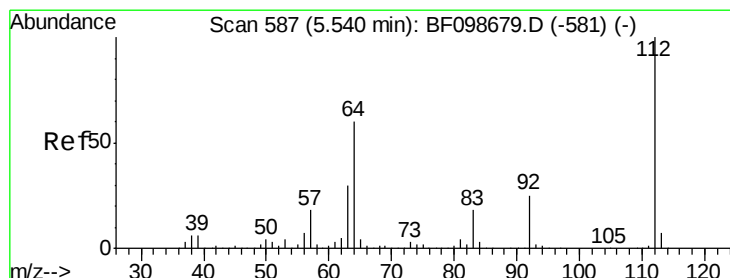
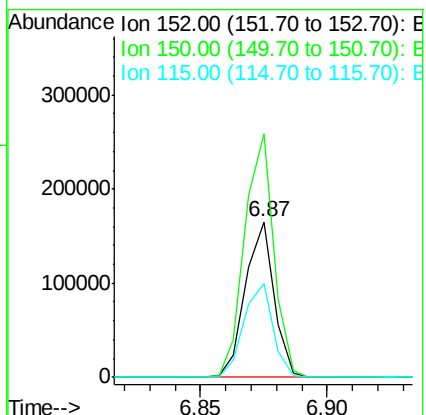
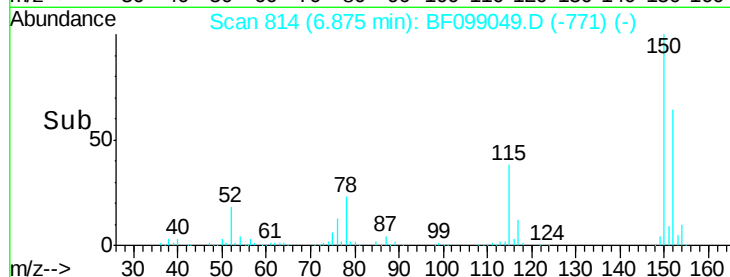
115 60.0 50.1 75.1



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: 78.81 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.05 min

Lab File: BF099049.D

Acq: 4 Oct 2017 00:02

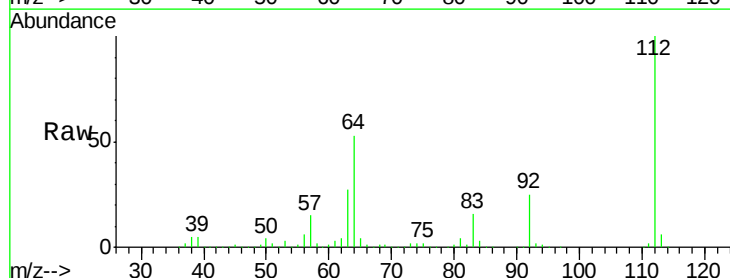
Tgt Ion:112 Resp: 644178

Ion Ratio Lower Upper

112 100

64 53.3 47.9 71.9

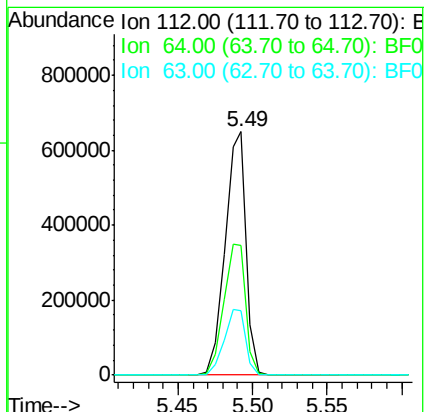
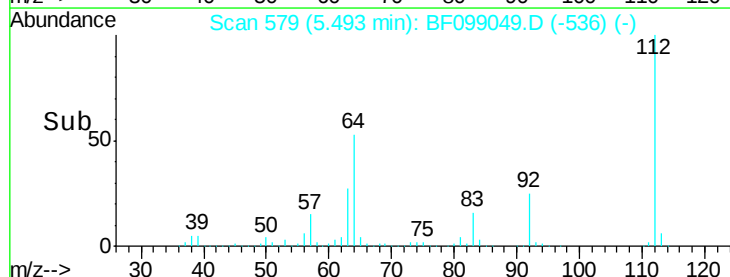
63 26.6 23.7 35.5



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: 74.67 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099049.D

Acq: 4 Oct 2017 00:02

Instrument :

BNA_F

ClientSampleId :

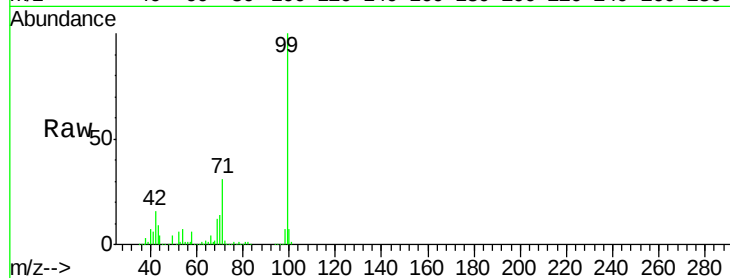
Tot Ion: 99 Resp: 753010

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

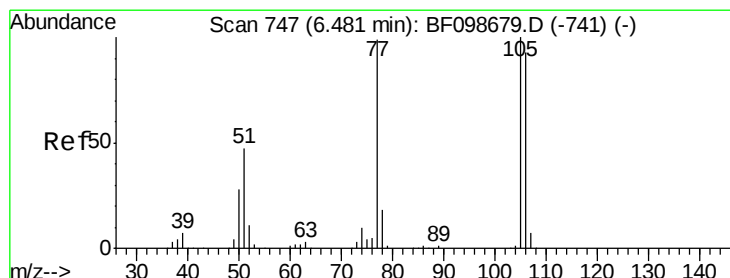
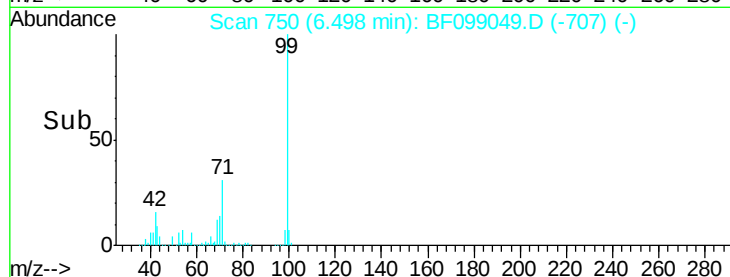
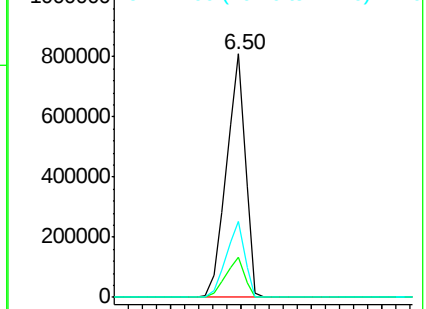
71 30.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.20 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.17 min

Lab File: BF099049.D

Acq: 4 Oct 2017 00:02

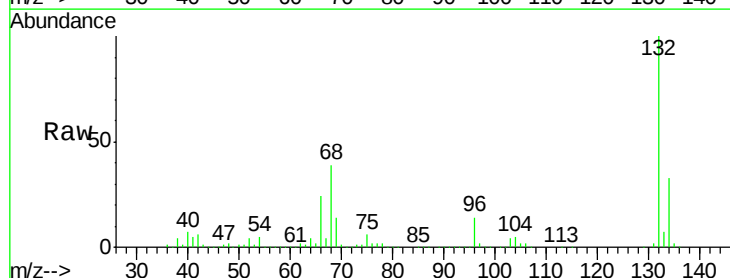
Tgt Ion: 77 Resp: 12849

Ion Ratio Lower Upper

77 100

105 84.2 81.1 121.1

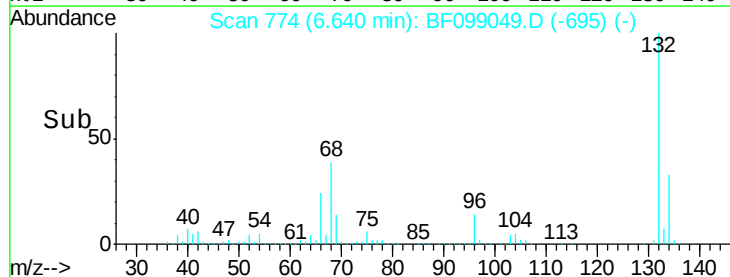
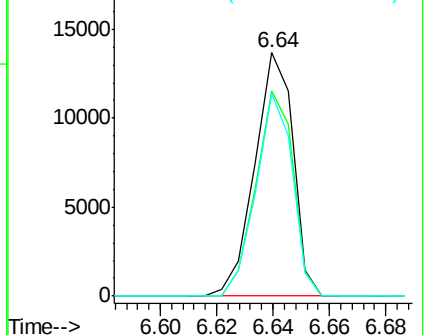
106 83.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 8.57 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.10 min

Lab File: BF099049.D

Acq: 4 Oct 2017 00:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 55147

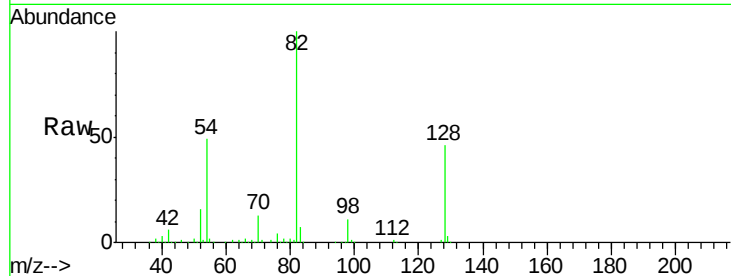
Ion Ratio Lower Upper

70 100

42 45.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

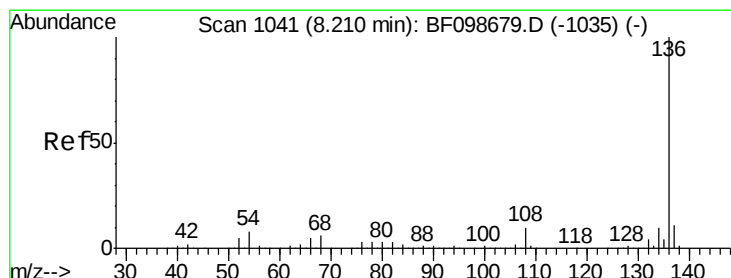
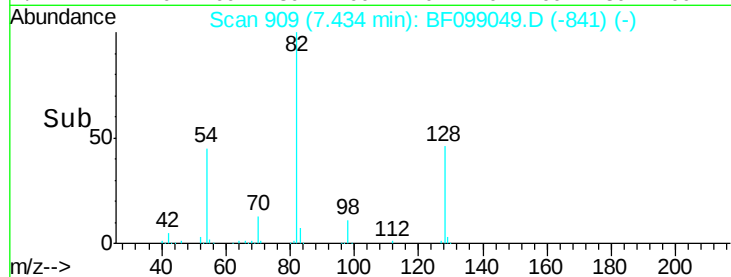
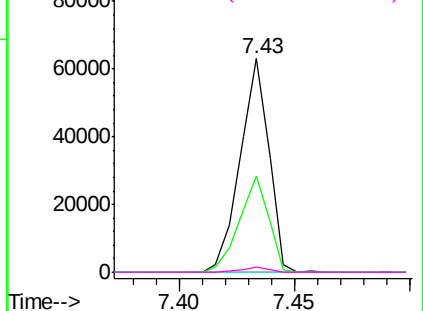


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF099049.D

Acq: 4 Oct 2017 00:02

Tgt Ion:136 Resp: 466733

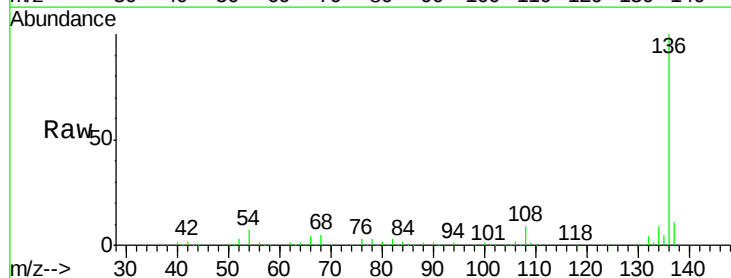
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.0 6.6 9.8

68 5.4 5.0 7.4

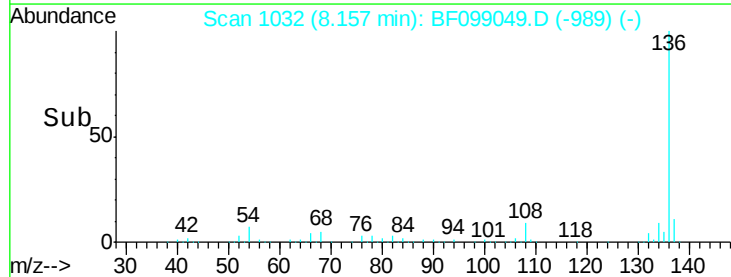
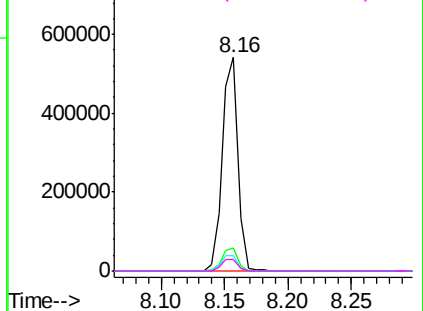


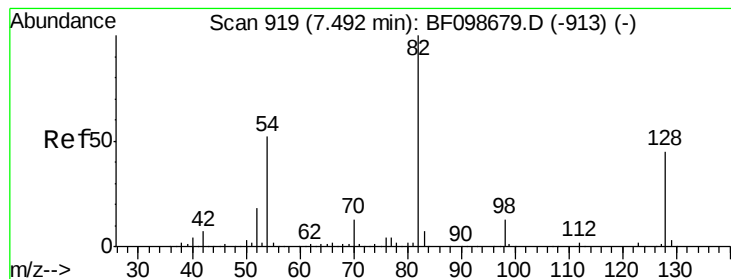
Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.30 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF099049.D

Acq: 4 Oct 2017 00:02

Instrument :

BNA_F

ClientSampleId :

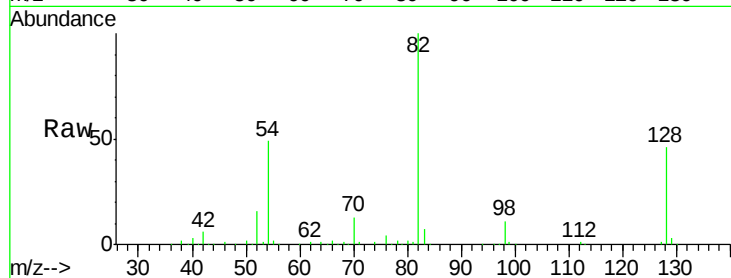
Tot Ion: 82 Resp: 431546

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

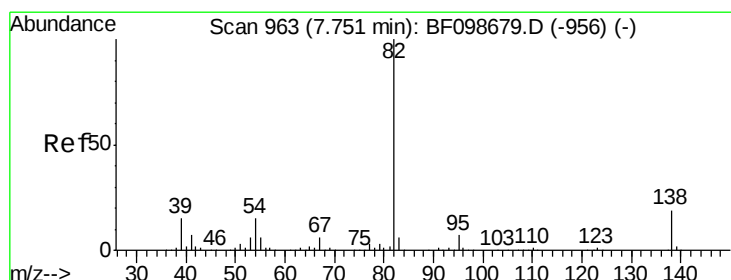
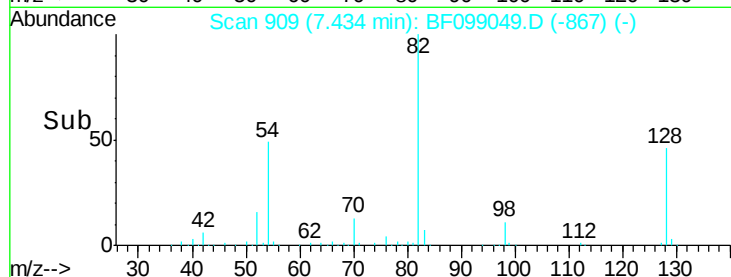
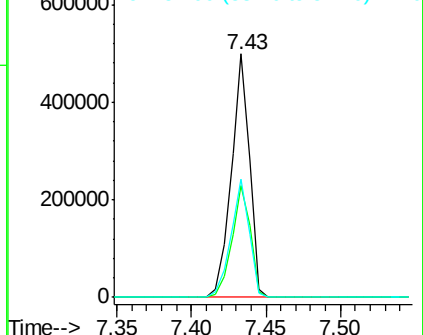
54 48.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 28.24 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.31 min

Lab File: BF099049.D

Acq: 4 Oct 2017 00:02

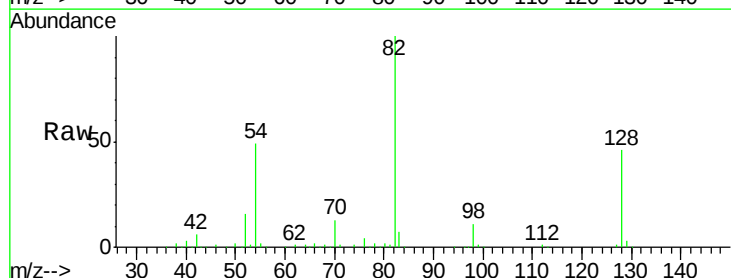
Tgt Ion: 82 Resp: 424861

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

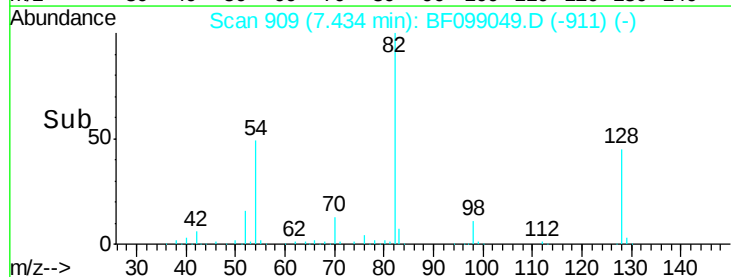
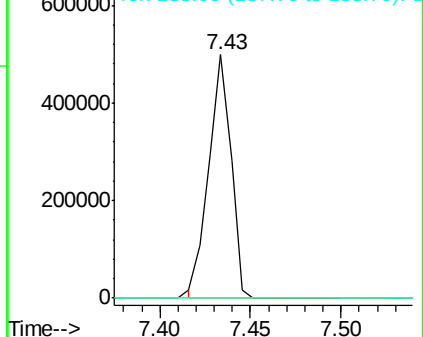
138 0.0 14.9 22.3#

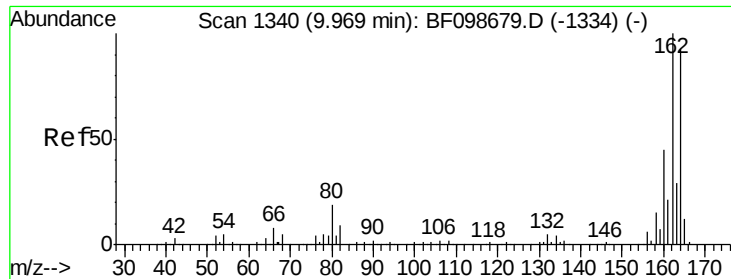


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

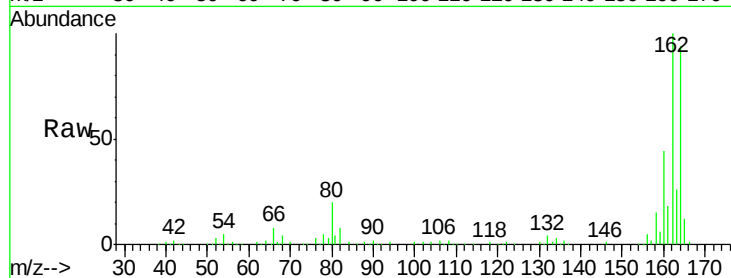




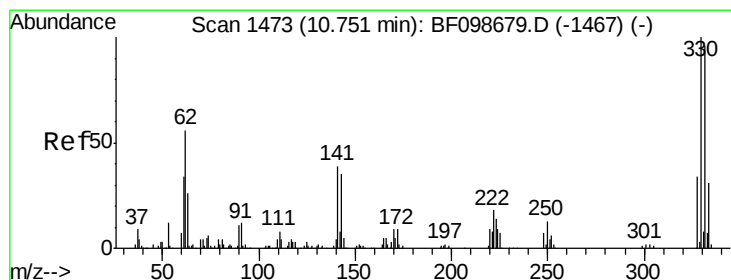
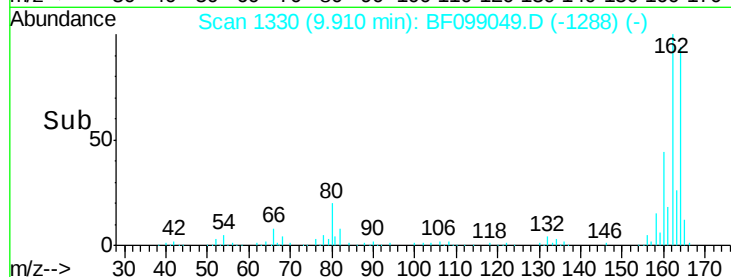
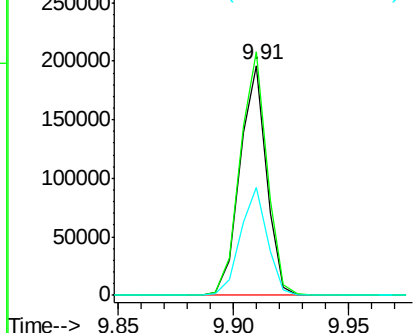
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099049.D
 Acq: 4 Oct 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 157724
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 46.8 38.3 57.5

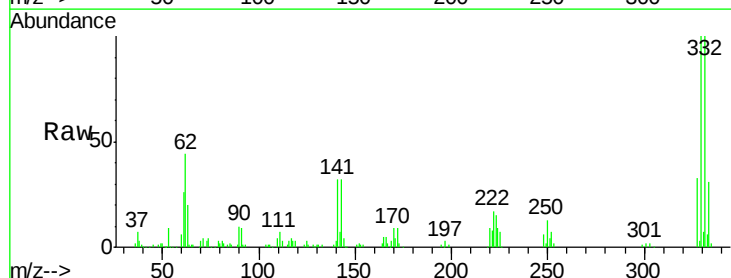


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

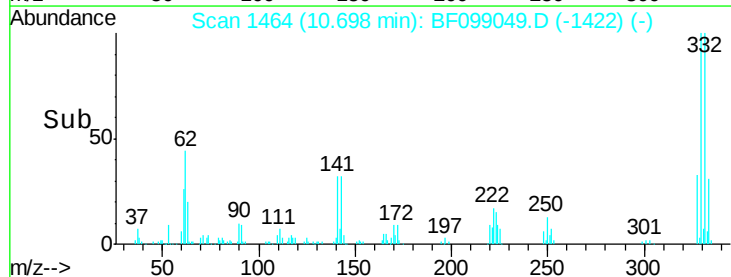
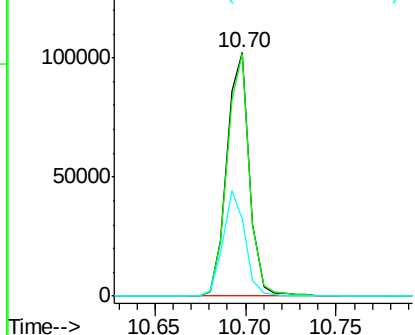


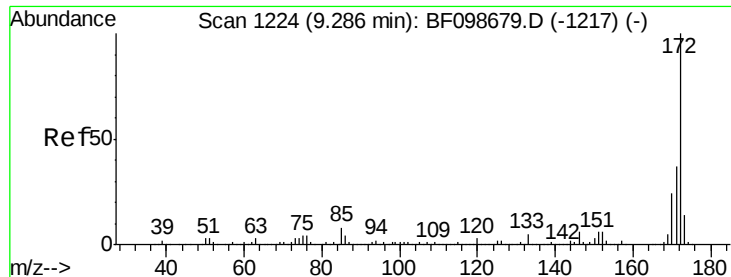
#41
 2,4,6-Tribromophenol
 Concen: 68.90 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099049.D
 Acq: 4 Oct 2017 00:02

Tgt Ion:330 Resp: 88920
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 42.0 29.9 44.9



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

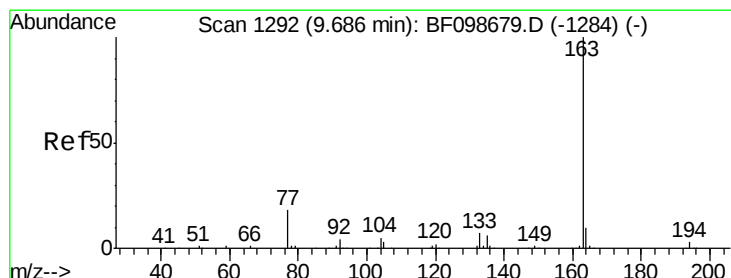
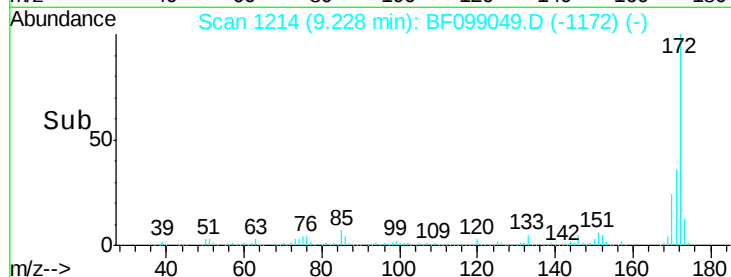
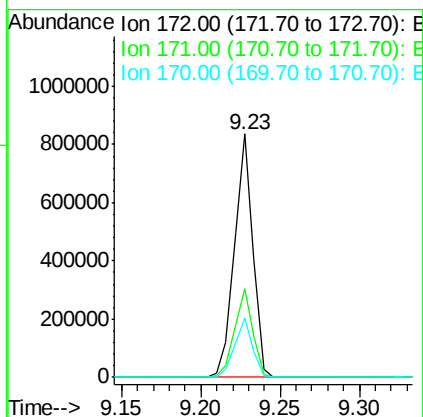
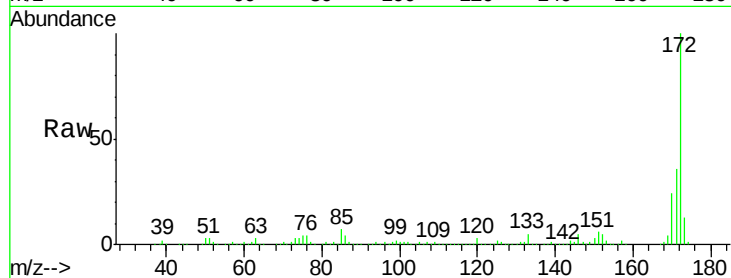




#44
2-Fluorobiphenyl
Concen: 71.50 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099049.D
Acq: 4 Oct 2017 00:02

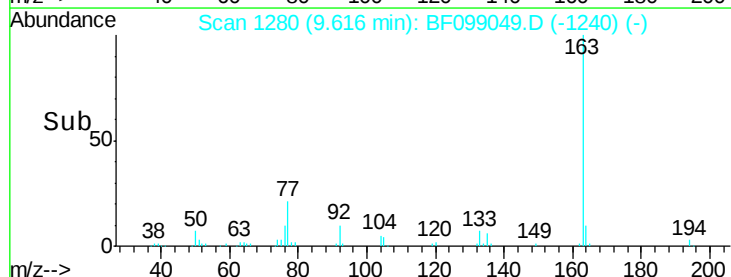
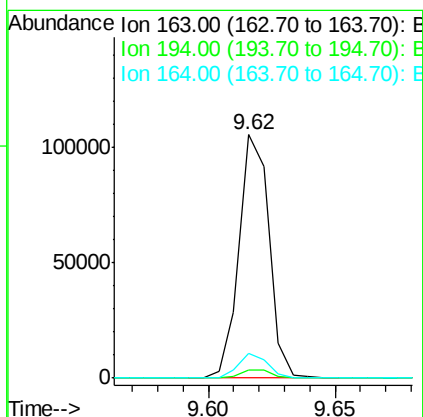
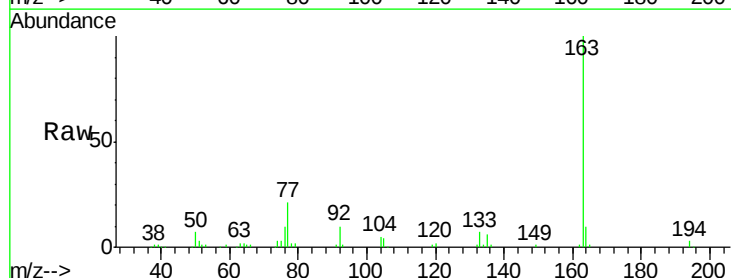
Instrument :
BNA_F
ClientSampleId :

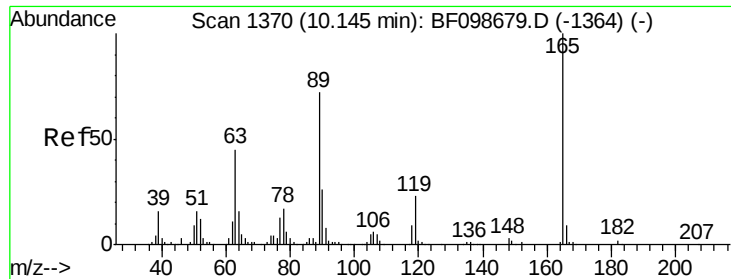
Tot Ion:172 Resp: 675542
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 7.29 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099049.D
Acq: 4 Oct 2017 00:02

Tgt Ion:163 Resp: 86804
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

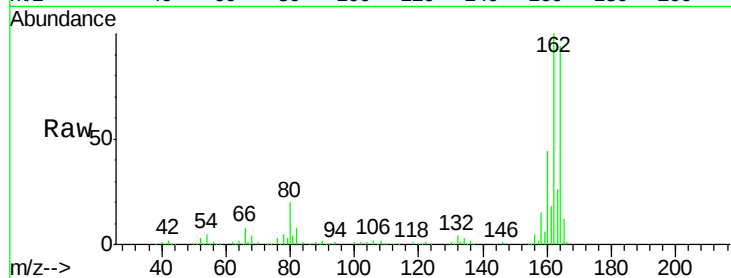




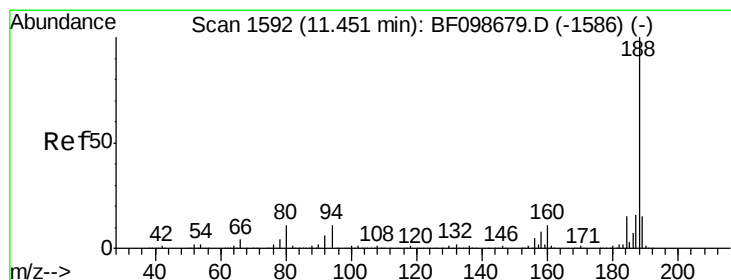
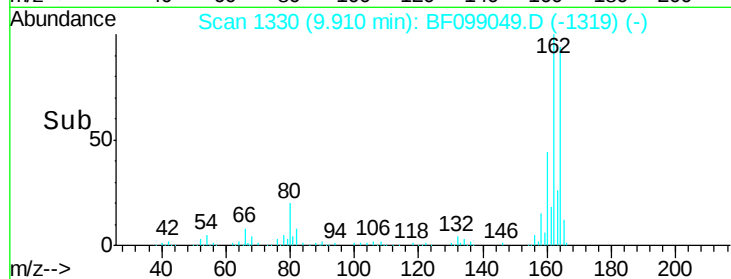
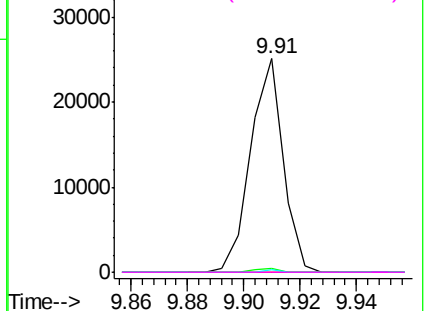
#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.24 min
 Lab File: BF099049.D
 Acq: 4 Oct 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	20090
Ion Ratio	Lower	Upper
165	100	
63	1.9	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#

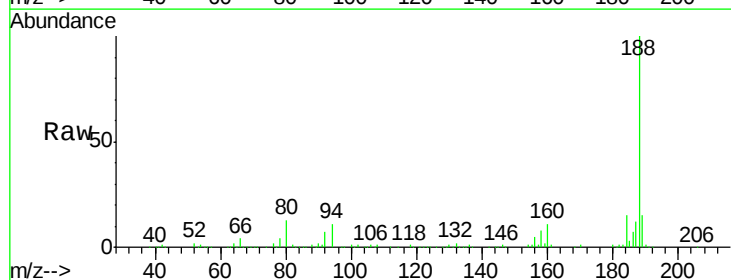


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

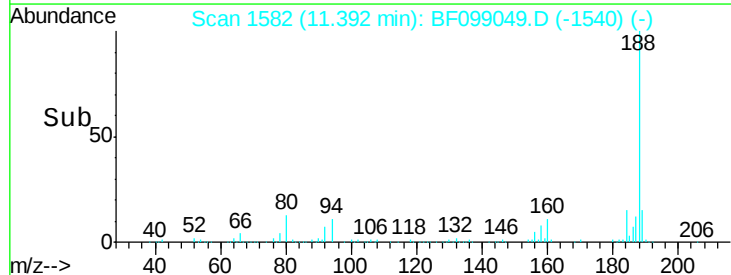
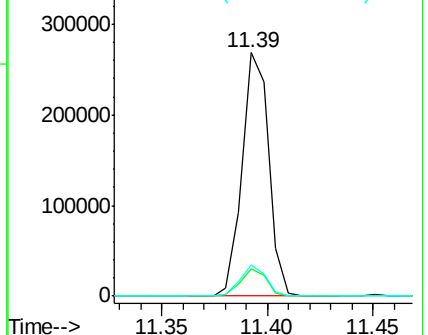


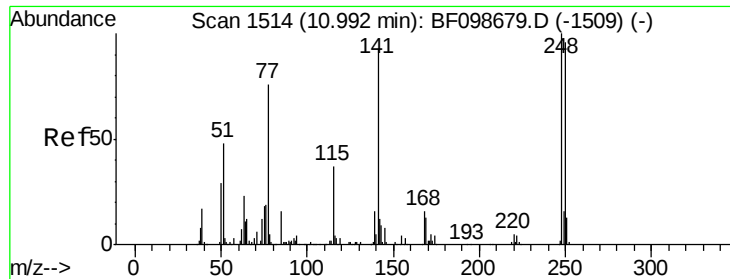
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF099049.D
 Acq: 4 Oct 2017 00:02

Tgt Ion:188	Resp:	235164
Ion Ratio	Lower	Upper
188	100	
94	11.3	8.5 12.7
80	12.8	9.2 13.8



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

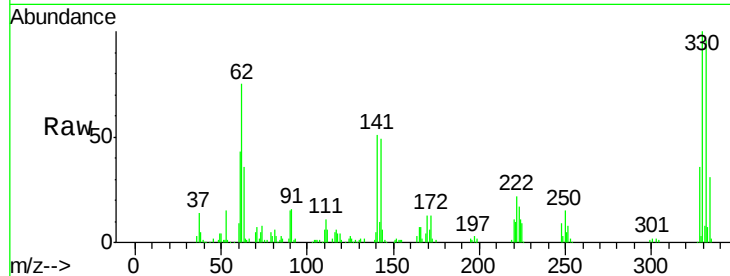




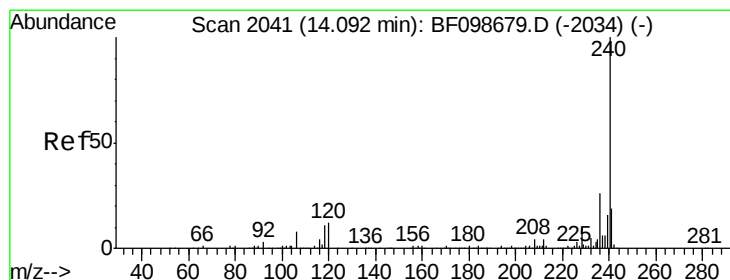
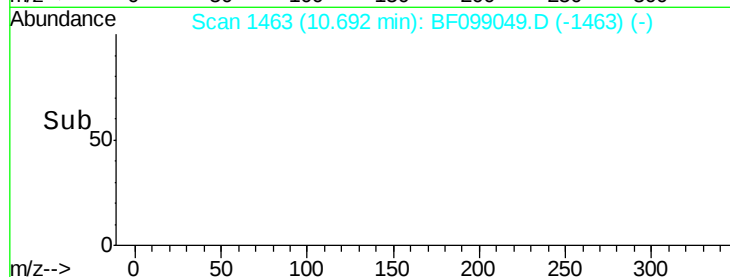
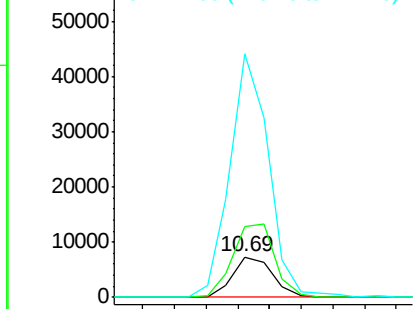
#66
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099049.D
Acq: 4 Oct 2017 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6359
Ion Ratio Lower Upper
248 100
250 173.9 76.9 115.3#
141 600.8 74.4 111.6#

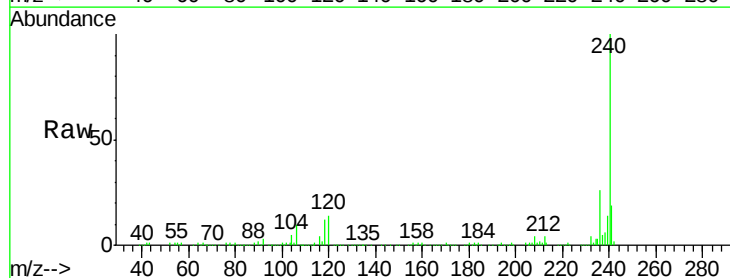


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

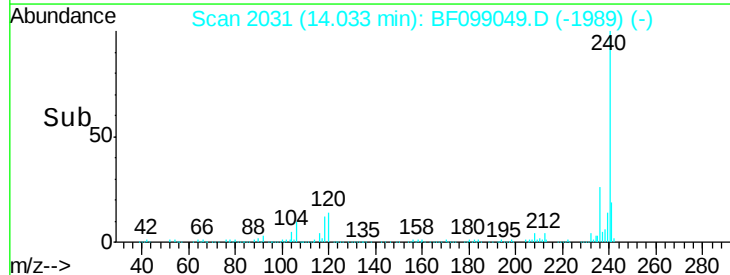
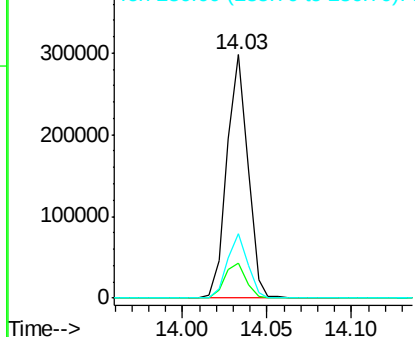


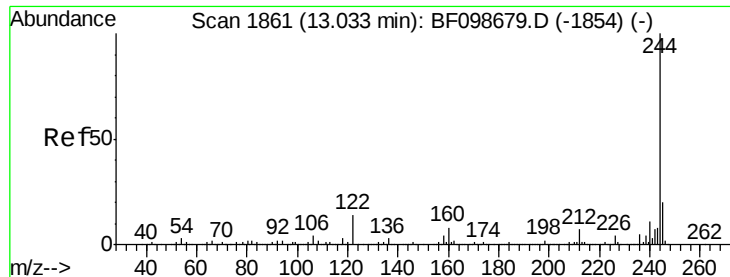
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF099049.D
Acq: 4 Oct 2017 00:02

Tgt Ion:240 Resp: 256785
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.3 20.7 31.1



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

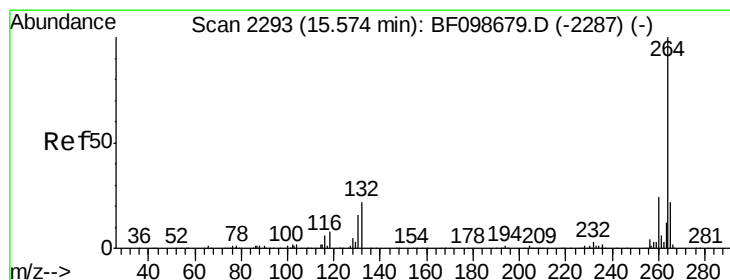
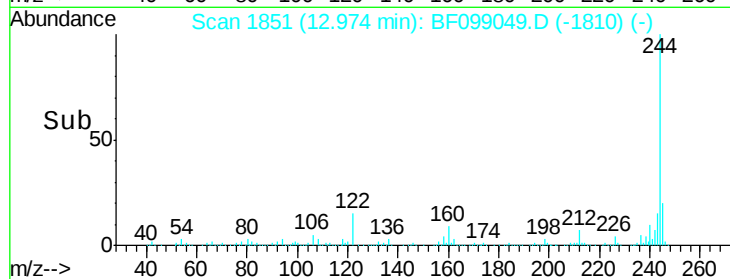
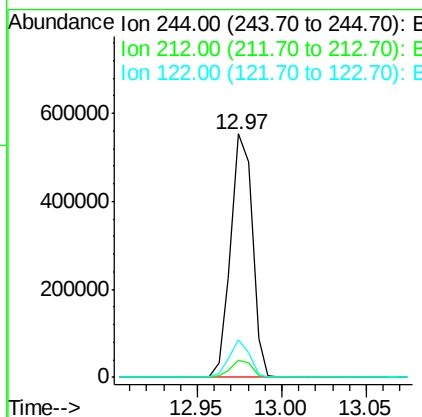
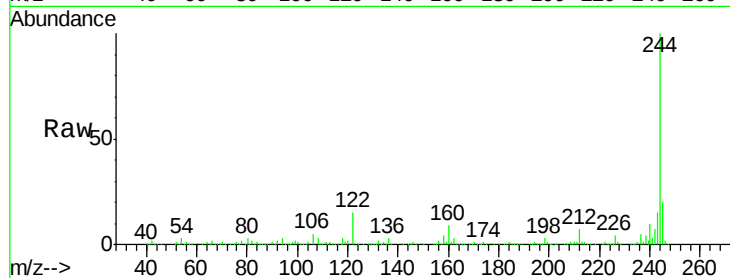




#78
 Terphenyl-d14
 Concen: 43.75 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099049.D
 Acq: 4 Oct 2017 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 493974
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 15.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099049.D
 Acq: 4 Oct 2017 00:02

Tgt Ion:264 Resp: 265853
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.5 17.5 26.3

