

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099038.D
 Acq On : 3 Oct 2017 18:58
 Operator : SJ/JU
 Sample : I5496-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:39:16 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

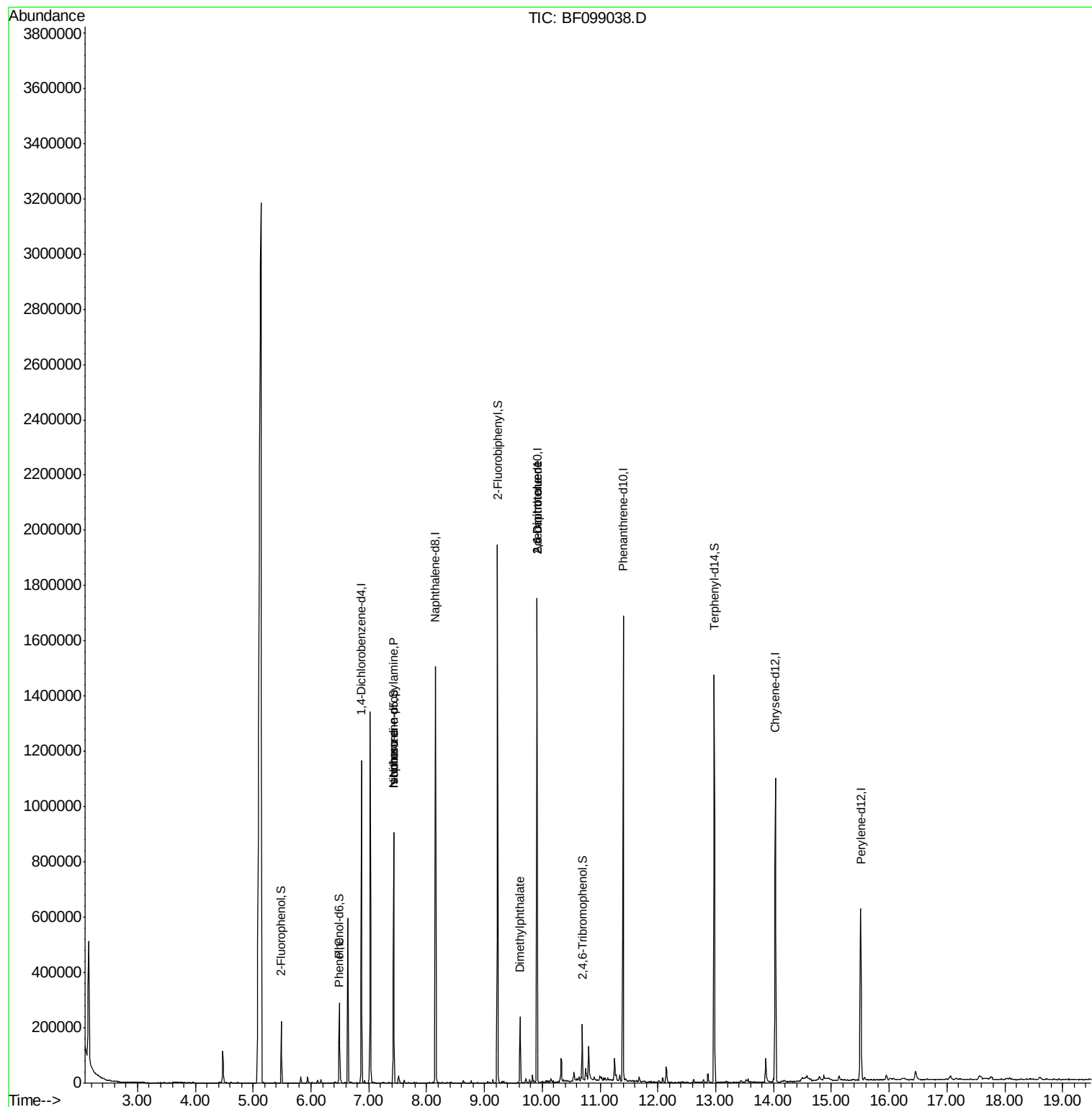
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	178317	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	733206	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	337955	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	583205	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	340285	20.00	ng	-0.05
86) Perylene-d12	15.51	264	278867	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	58654	5.24	ng	-0.05
7) Phenol-d6	6.49	99	81934	5.93	ng	-0.06
23) Nitrobenzene-d5	7.43	82	302393	26.45	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	17833	6.45	ng	-0.06
44) 2-Fluorobiphenyl	9.23	172	584783	28.89	ng	-0.05
78) Terphenyl-d14	12.97	244	417592	27.91	ng	-0.06
Target Compounds						
10) Phenol	6.50	94	34524	2.23	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.43	70	38925	4.41	ng	# 77
25) Isophorone	7.43	82	290898	12.31	ng	# 64
49) Dimethylphthalate	9.62	163	86507	3.39	ng	100
50) 2,6-Dinitrotoluene	9.91	165	42414	7.64	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	42414	5.89	ng	# 23

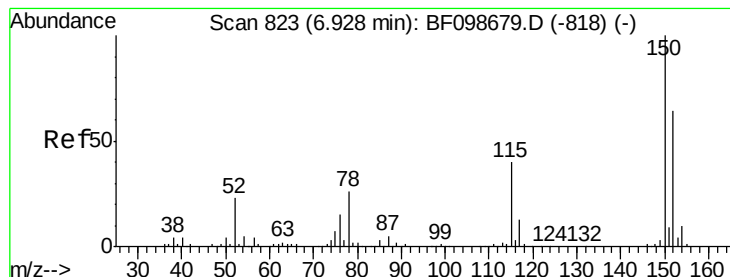
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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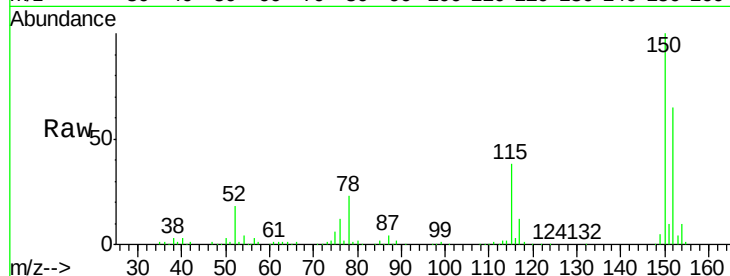


#1

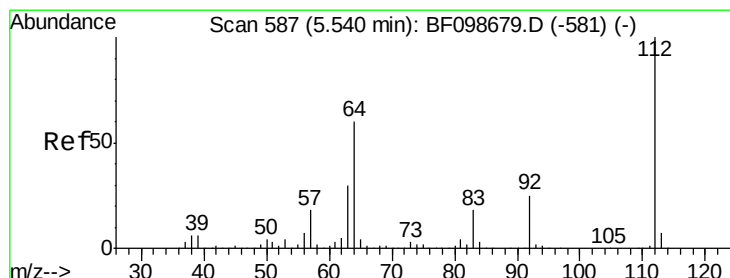
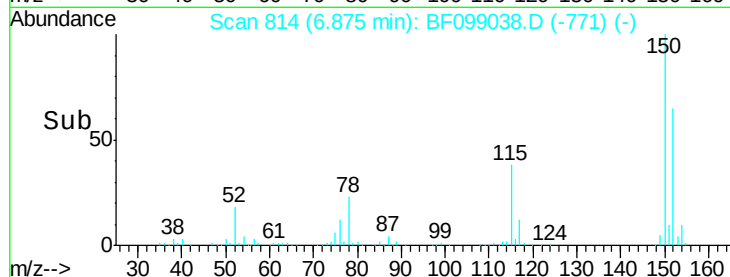
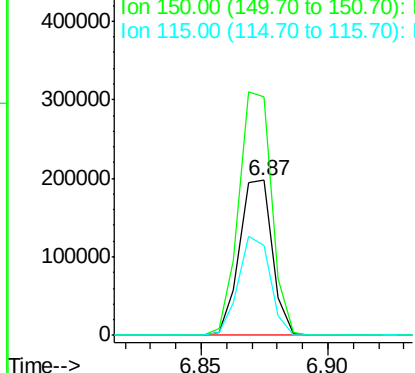
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099038.D
Acq: 3 Oct 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	58.2	50.1	75.1



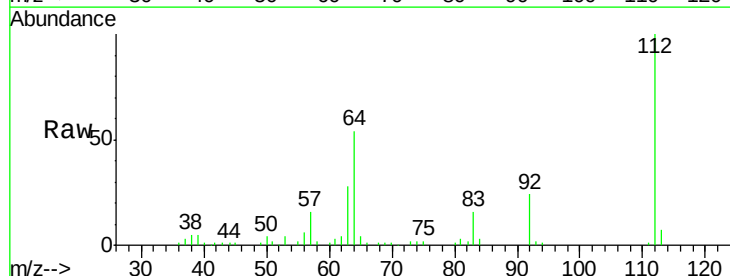
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



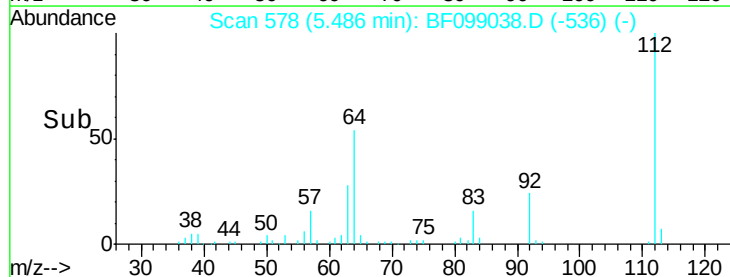
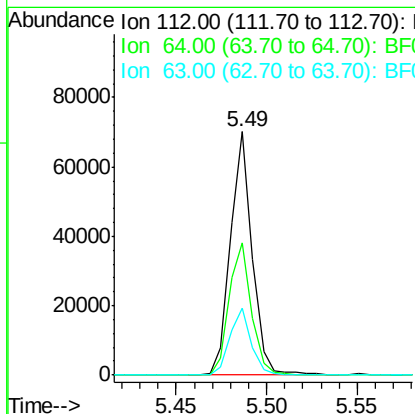
#5

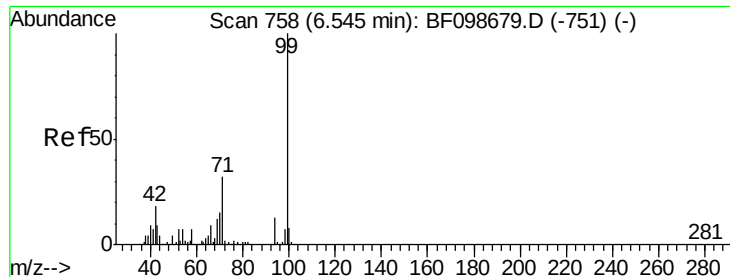
2-Fluorophenol
Concen: 5.24 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.05 min
Lab File: BF099038.D
Acq: 3 Oct 2017 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	27.6	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: 5.93 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

Instrument :

BNA_F

ClientSampled :

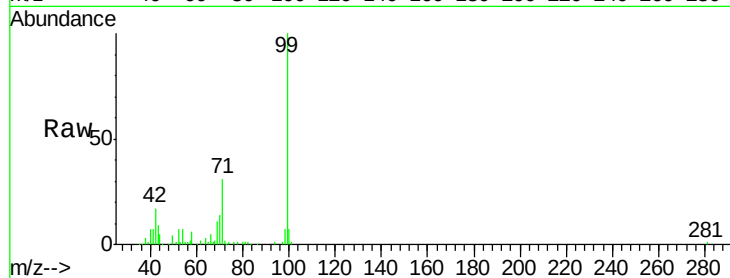
Tot Ion: 99 Resp: 81934

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

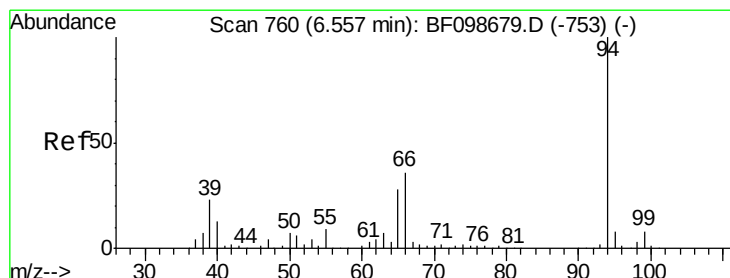
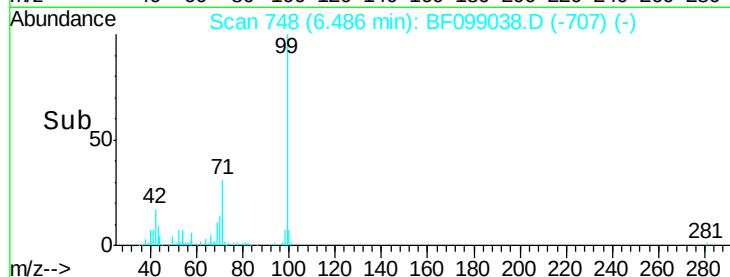
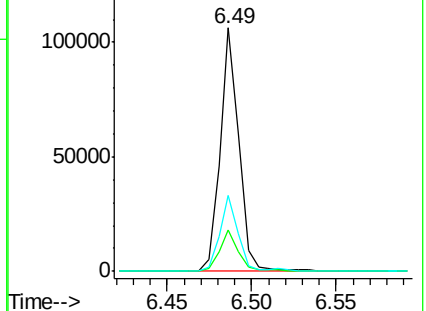
71 31.3 25.4 38.0



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



#10

Phenol

Concen: 2.23 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.06 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

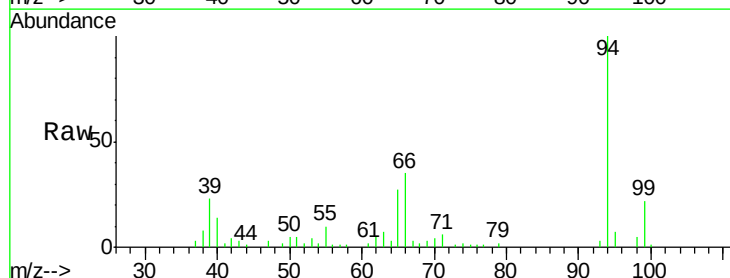
Tgt Ion: 94 Resp: 34524

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

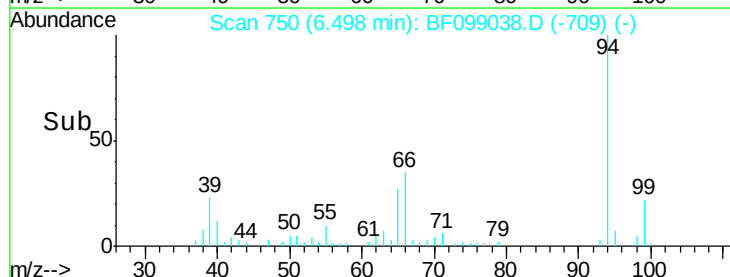
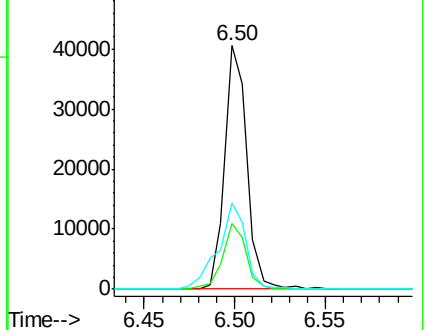
66 35.3 16.2 56.2

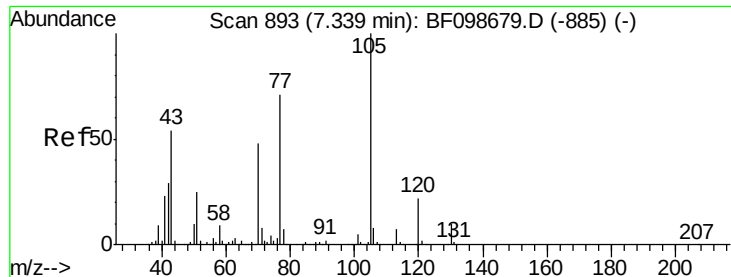


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 4.41 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.09 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 38925

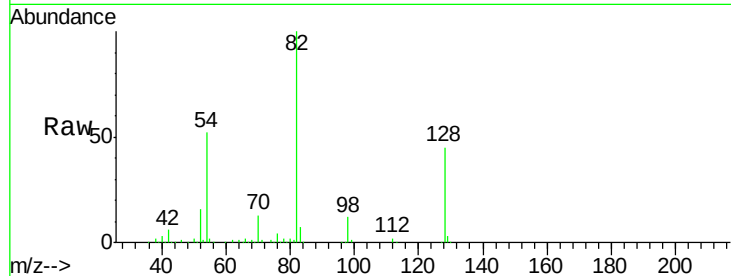
Ion Ratio Lower Upper

70 100

42 47.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

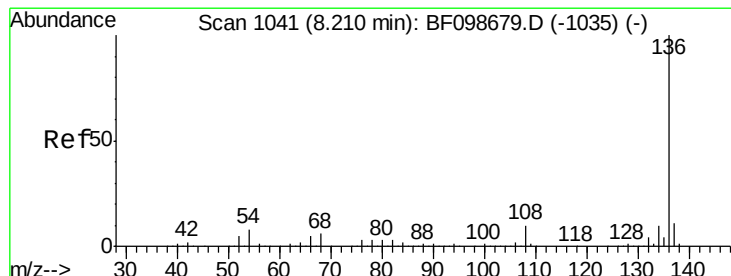
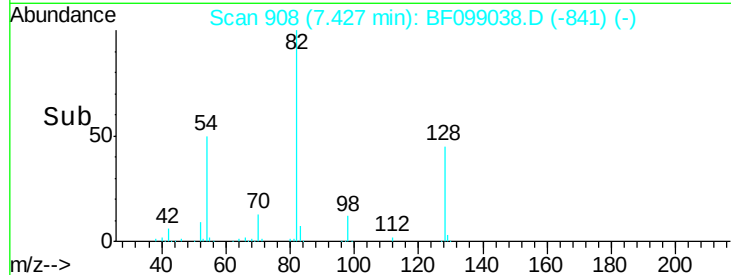
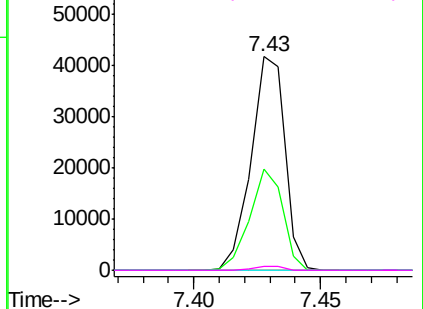


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF099038.D

Acq: 3 Oct 2017 18:58

Tgt Ion:136 Resp: 733206

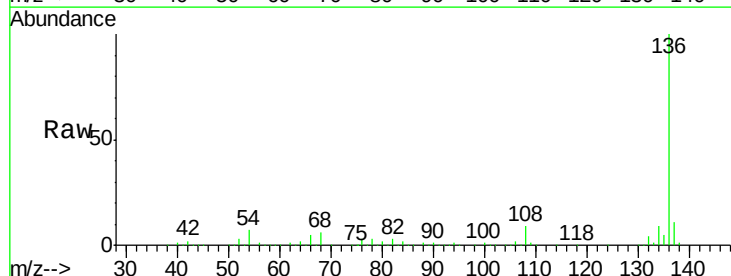
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

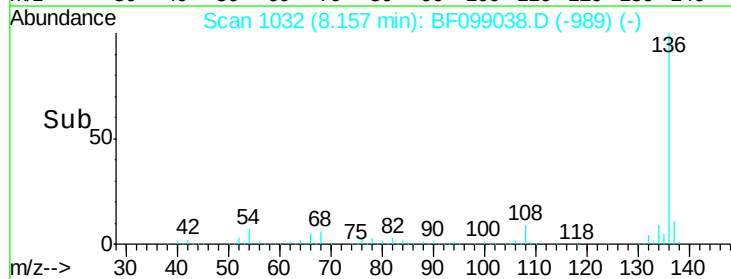
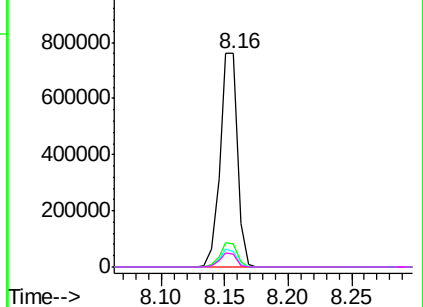


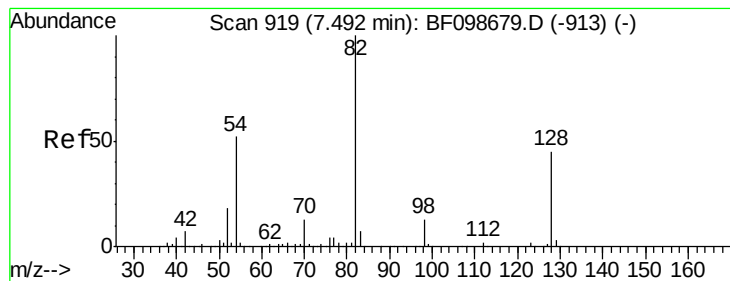
Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.45 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

Instrument :

BNA_F

ClientSampled :

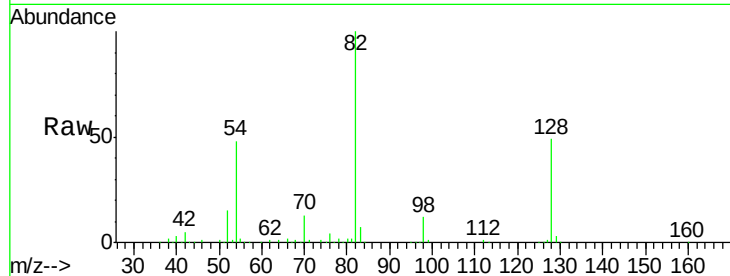
Tot Ion: 82 Resp: 302393

Ion Ratio Lower Upper

82 100

128 49.4 36.1 54.1

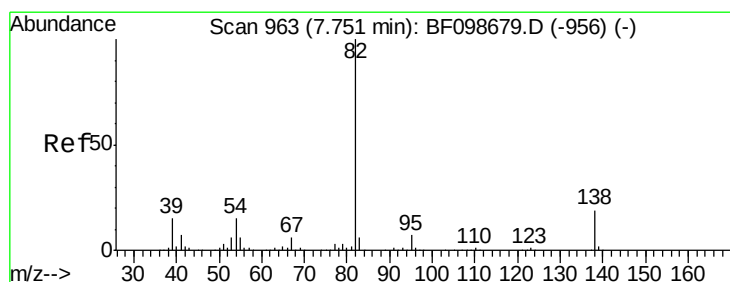
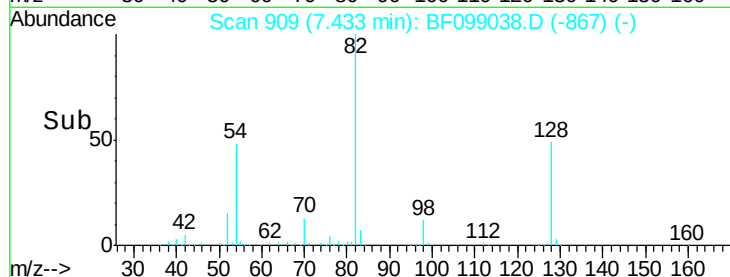
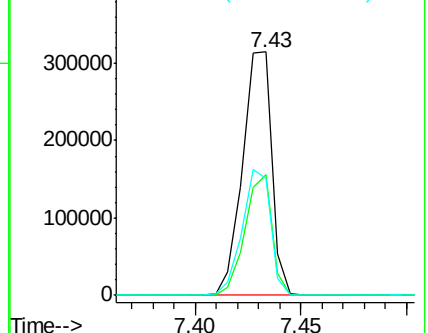
54 47.9 41.4 62.2



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: 12.31 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.31 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

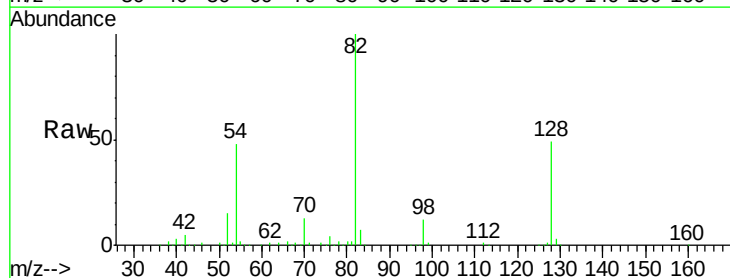
Tgt Ion: 82 Resp: 290898

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

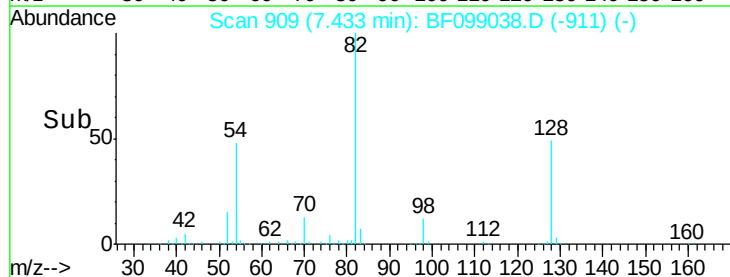
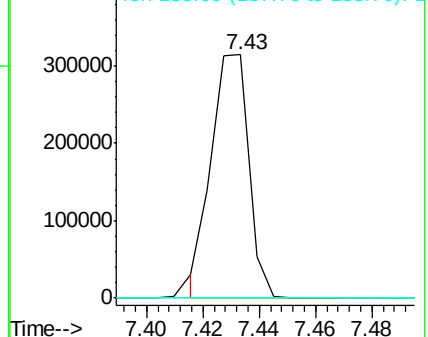
138 0.0 14.9 22.3#

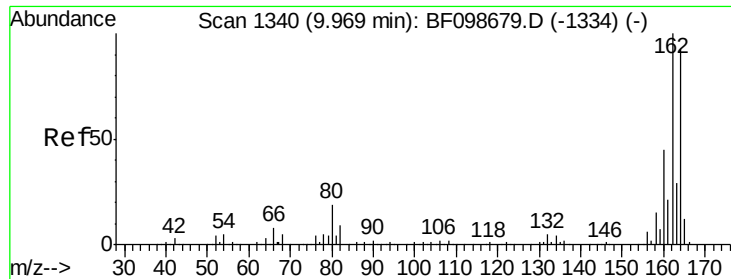


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

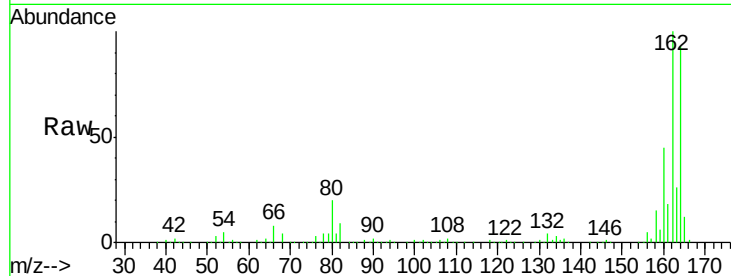




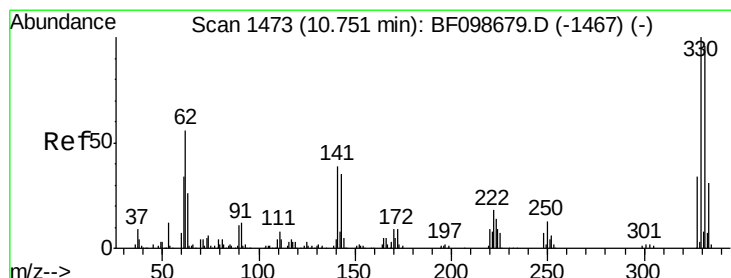
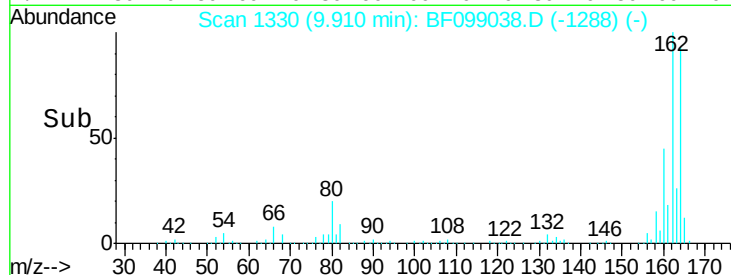
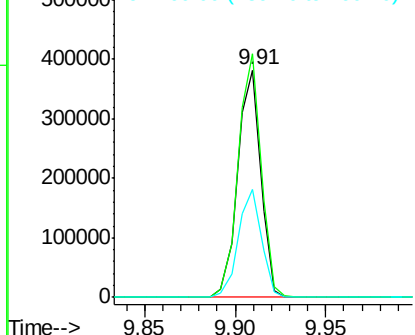
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099038.D
Acq: 3 Oct 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 337955
Ion Ratio Lower Upper
164 100
162 107.0 86.1 129.1
160 47.7 38.3 57.5

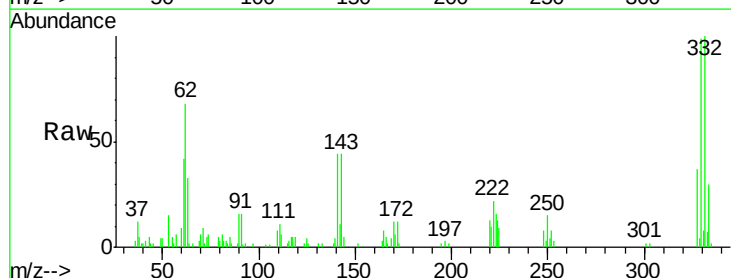


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

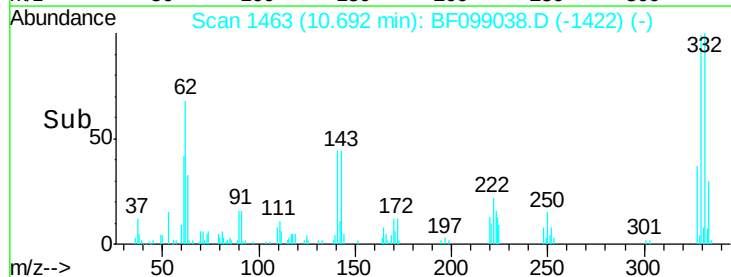
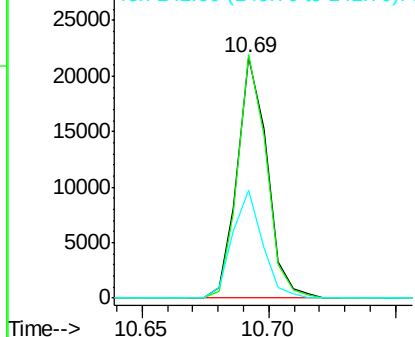


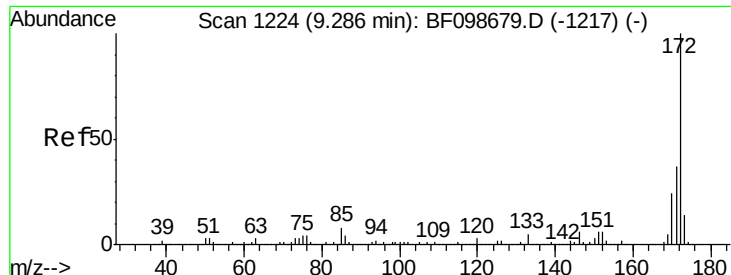
#41
2,4,6-Tribromophenol
Concen: 6.45 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF099038.D
Acq: 3 Oct 2017 18:58

Tgt Ion:330 Resp: 17833
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 44.6 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

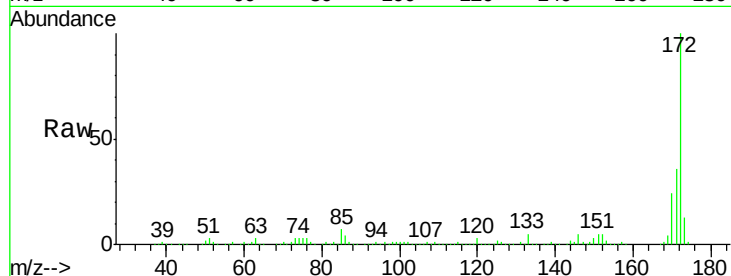




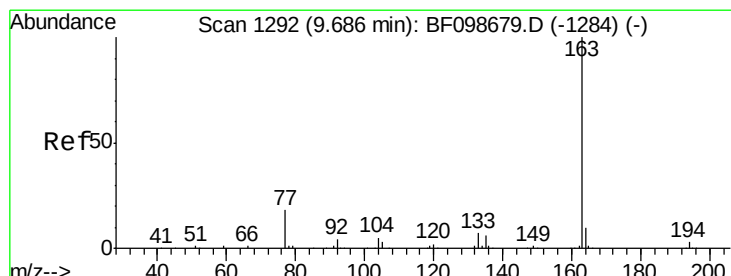
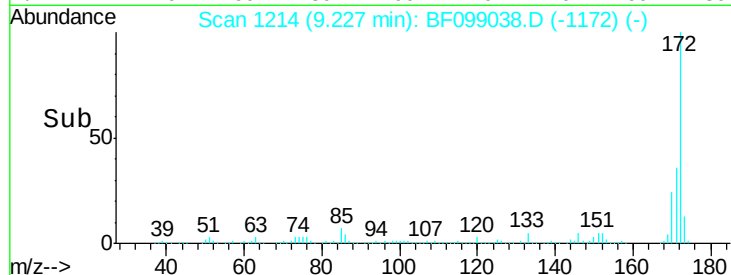
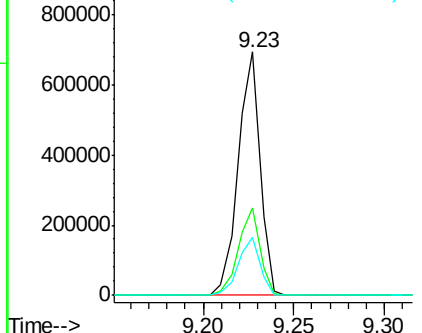
#44
2-Fluorobiphenyl
Concen: 28.89 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099038.D
Acq: 3 Oct 2017 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 584783
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.6 19.6 29.4

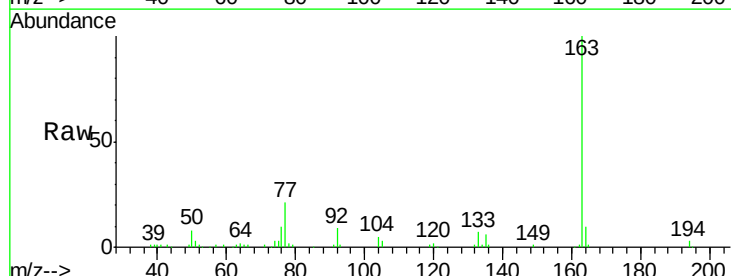


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

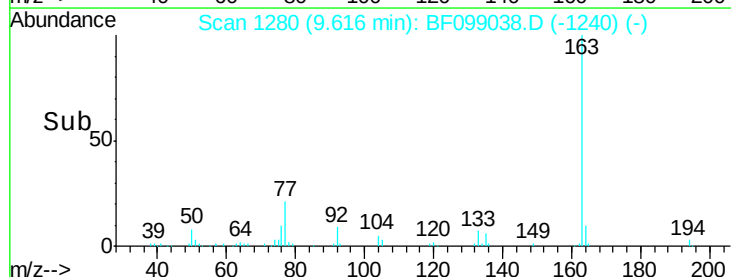
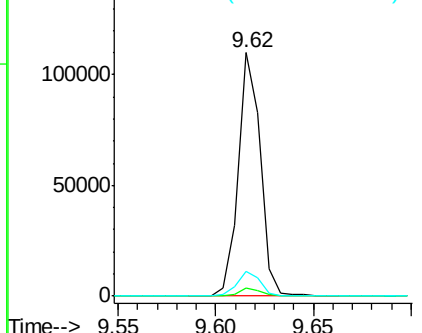


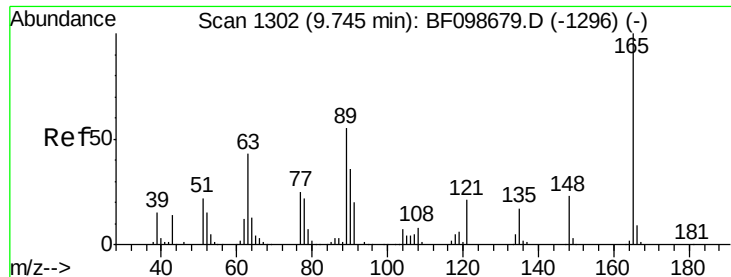
#49
Dimethylphthalate
Concen: 3.39 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099038.D
Acq: 3 Oct 2017 18:58

Tgt Ion:163 Resp: 86507
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2



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

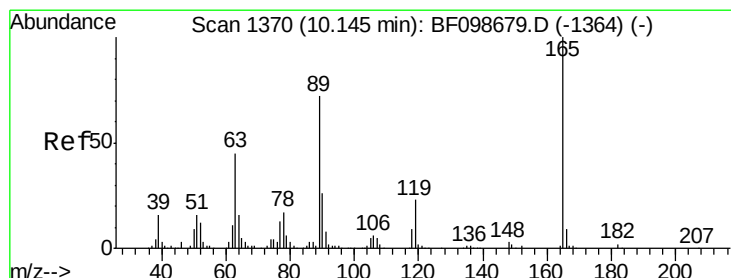
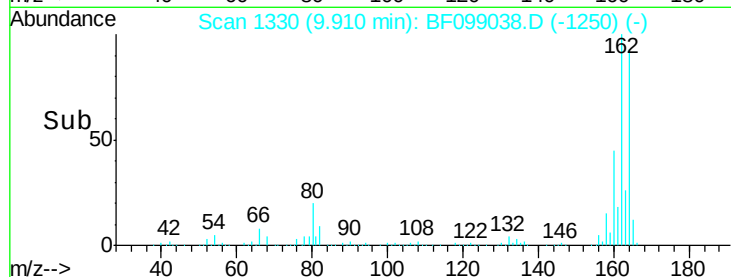
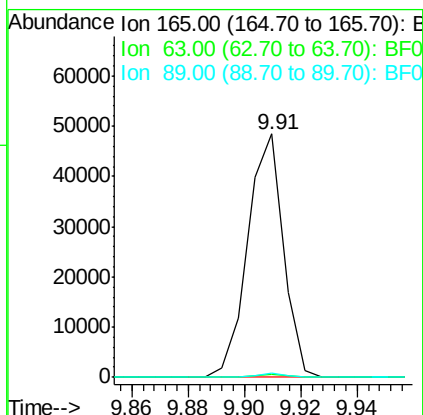
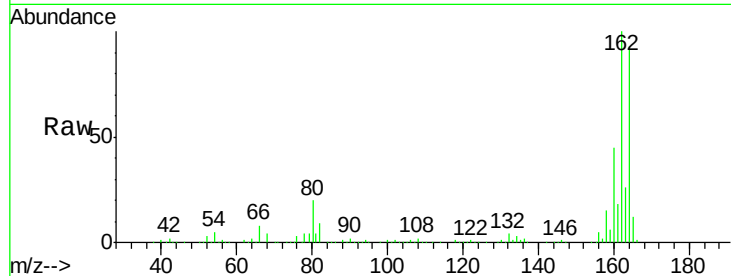




#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.17 min
 Lab File: BF099038.D
 Acq: 3 Oct 2017 18:58

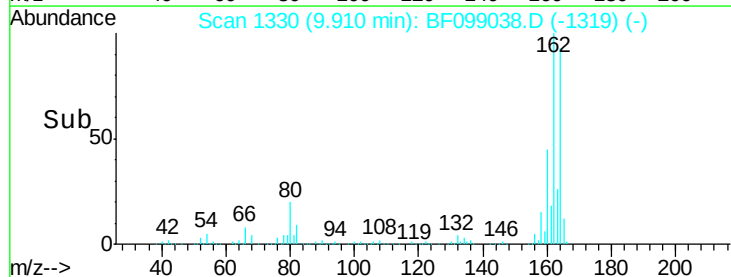
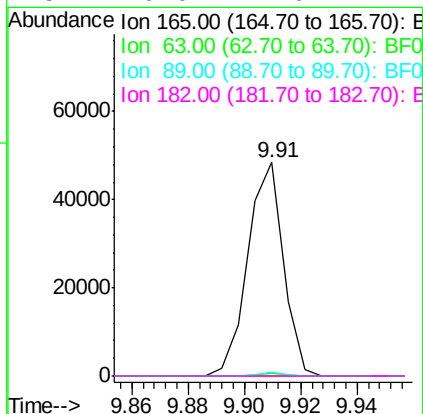
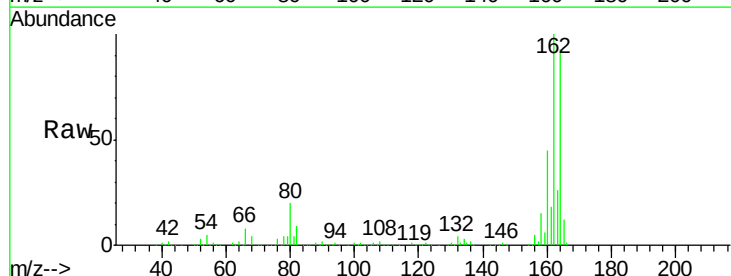
Instrument :
 BNA_F
 ClientSampleId :

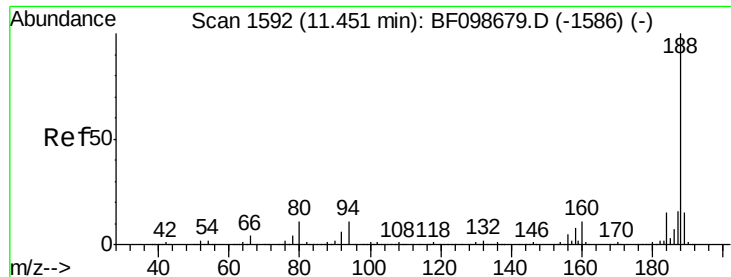
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.89 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.24 min
 Lab File: BF099038.D
 Acq: 3 Oct 2017 18:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.05 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

Instrument :

BNA_F

ClientSampleId :

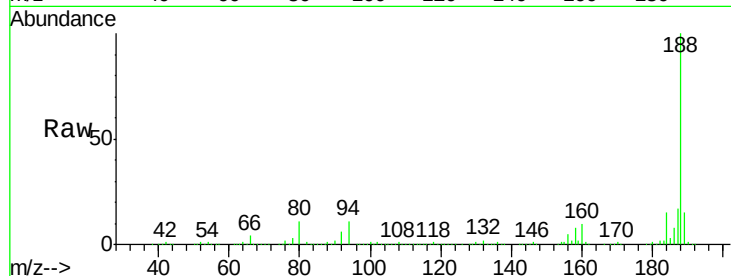
Tot Ion:188 Resp: 583205

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

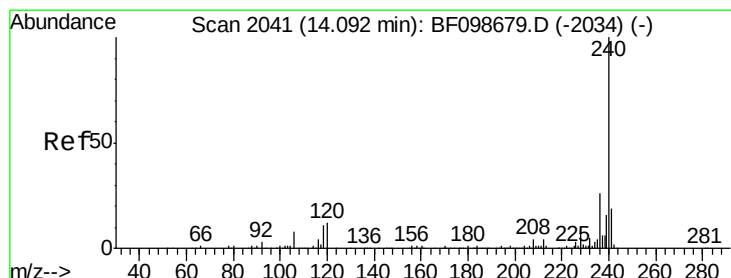
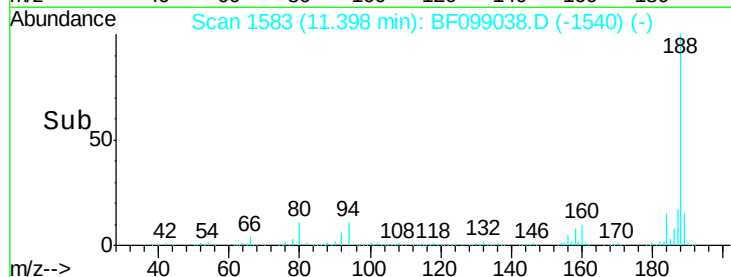
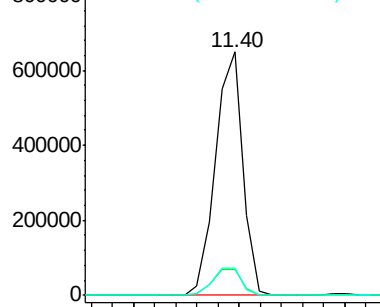
80 11.2 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

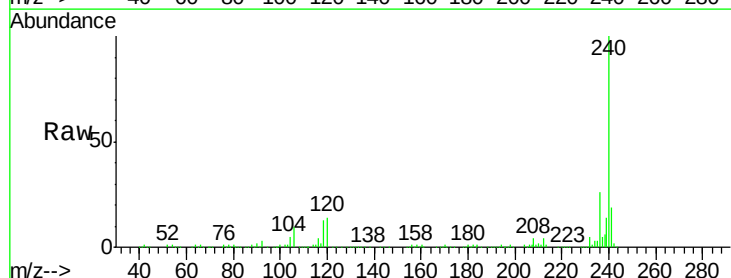
Tgt Ion:240 Resp: 340285

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

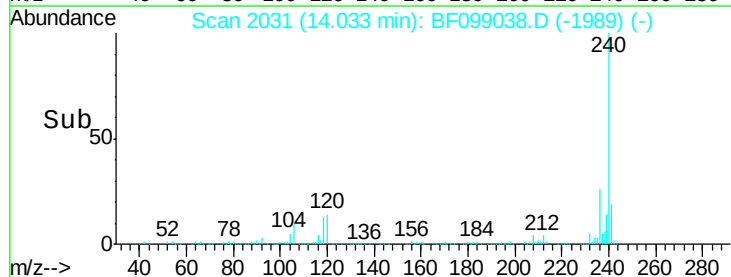
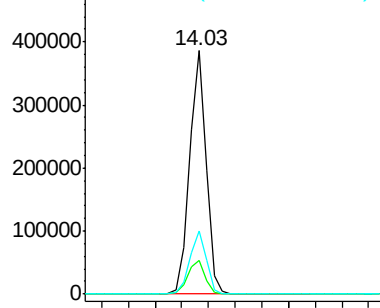
236 26.0 20.7 31.1

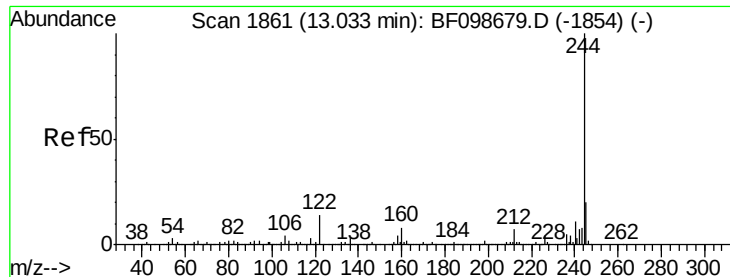


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 27.91 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

Instrument :

BNA_F

ClientSampleId :

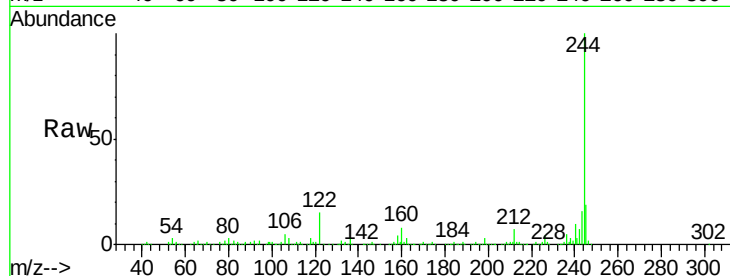
Tot Ion:244 Resp: 417592

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

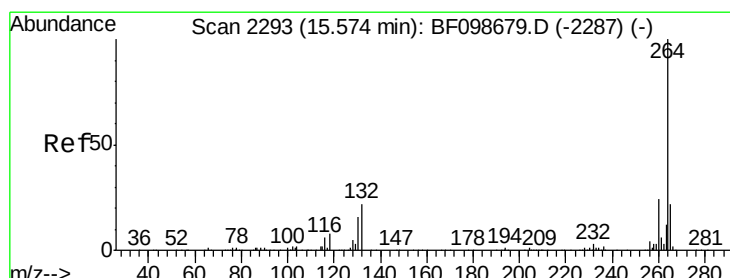
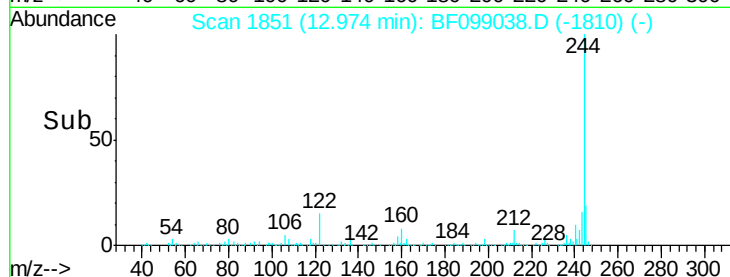
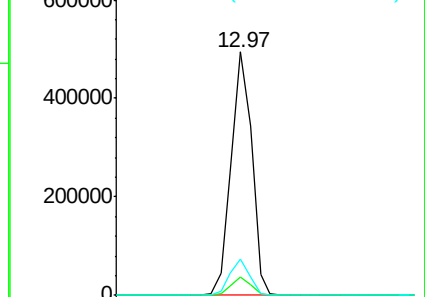
122 14.6 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.06 min

Lab File: BF099038.D

Acq: 3 Oct 2017 18:58

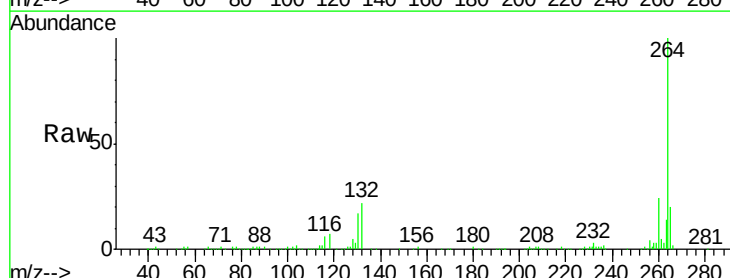
Tgt Ion:264 Resp: 278867

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.3 17.5 26.3



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

