

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098779.D
 Acq On : 25 Sep 2017 13:17
 Operator : SJ/JU
 Sample : I5364-06 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:14:04 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

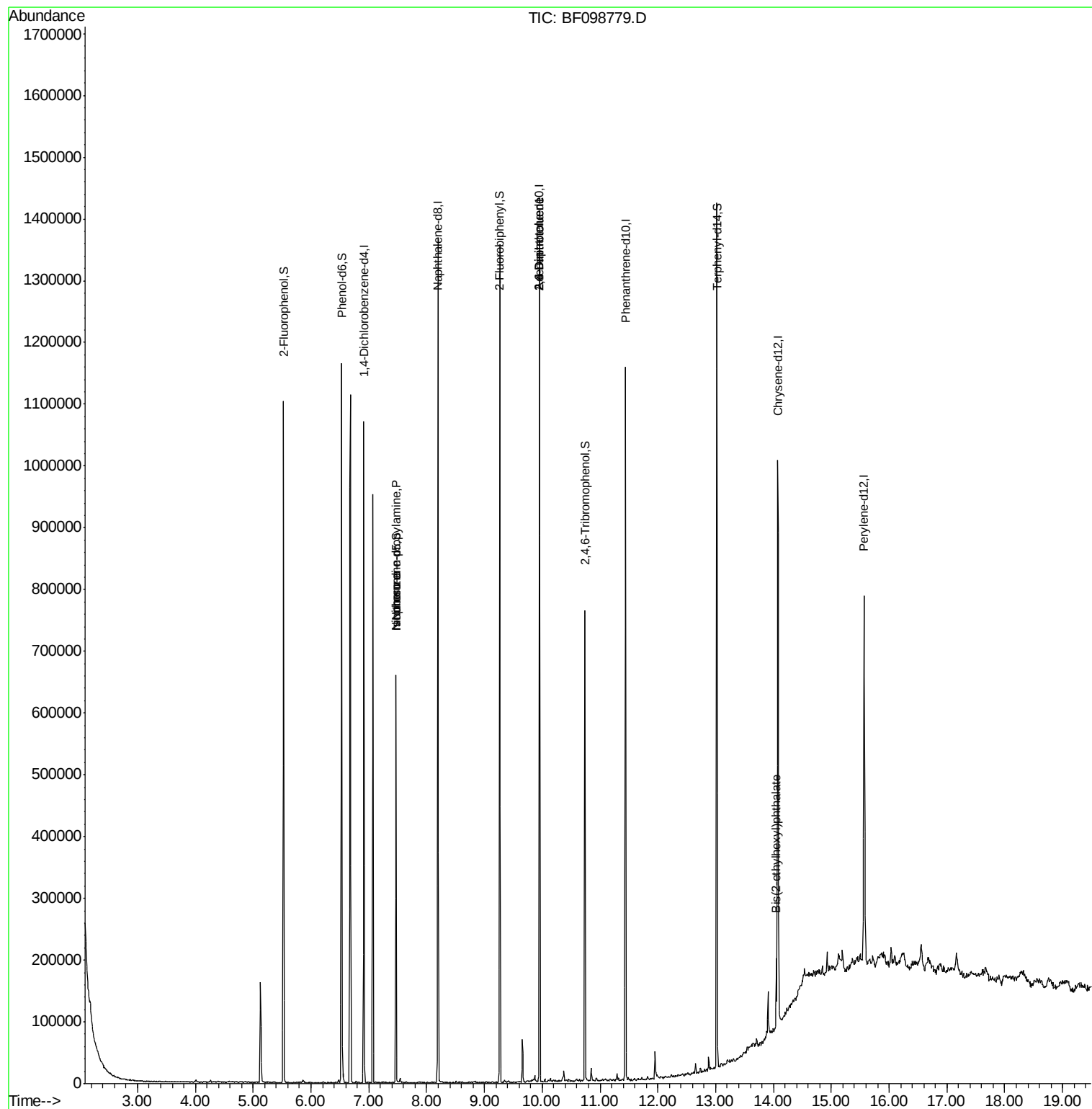
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	148196	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	581745	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	237045	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	349240	20.00	ng	0.00
75) Chrysene-d12	14.07	240	290577	20.00	ng	-0.01
86) Perylene-d12	15.57	264	246249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	278885	29.96	ng	-0.02
7) Phenol-d6	6.53	99	326612	28.44	ng	-0.02
23) Nitrobenzene-d5	7.47	82	176182	19.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	76727	39.56	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	349910	24.64	ng	-0.01
78) Terphenyl-d14	13.02	244	393645	30.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	22836	3.115	ng	# 82
25) Isophorone	7.47	82	175686	9.367	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	30259	7.769	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	30259	5.986	ng	# 24
83) Bis(2-ethylhexyl)phthalate	14.05	149	29346	2.047	ng	99

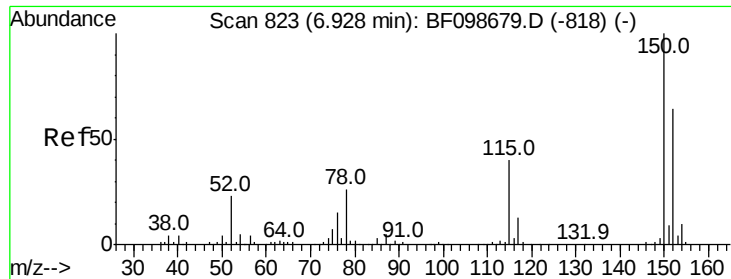
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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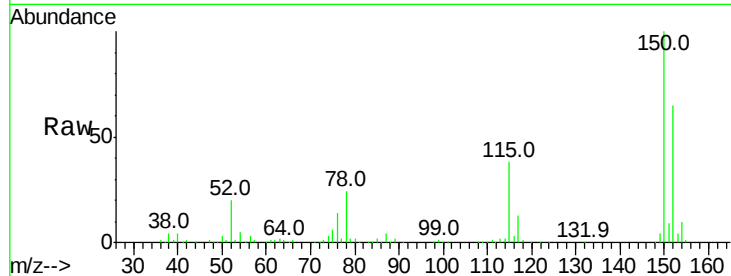


#1

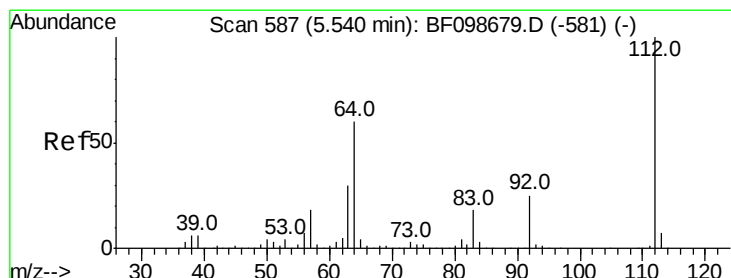
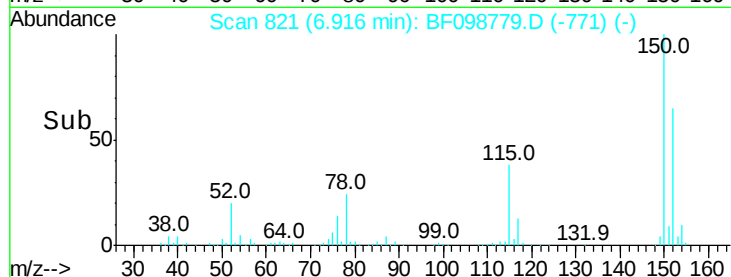
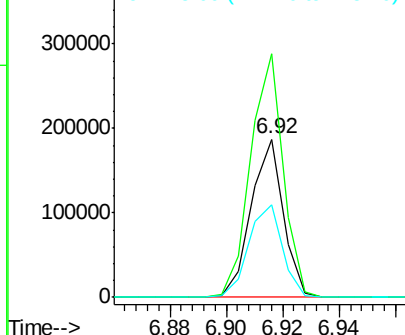
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098779.D
Acq: 25 Sep 2017 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	58.5	50.1	75.1



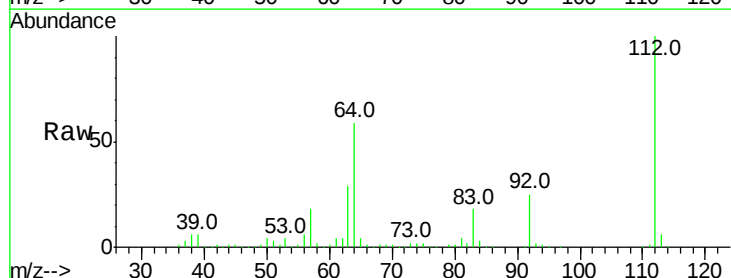
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



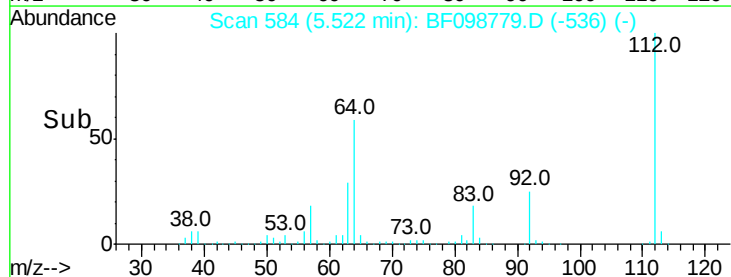
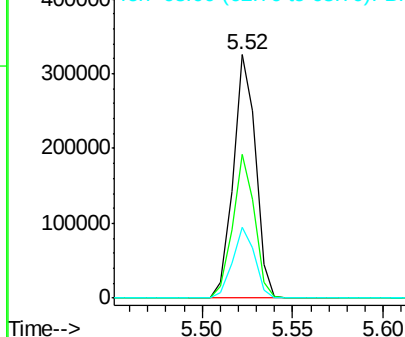
#5

2-Fluorophenol
Concen: 29.957 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098779.D
Acq: 25 Sep 2017 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	28.9	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: 28.440 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

Instrument :

BNA_F

ClientSampled :

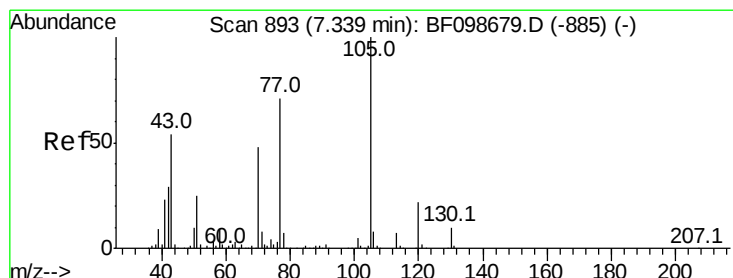
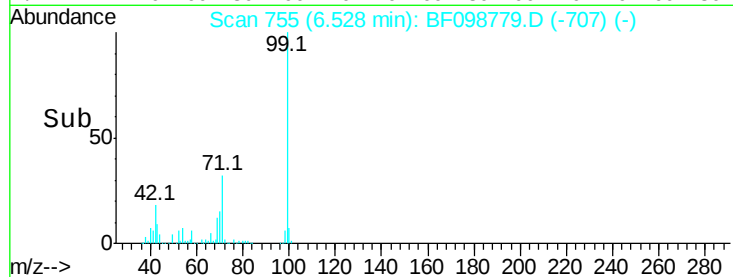
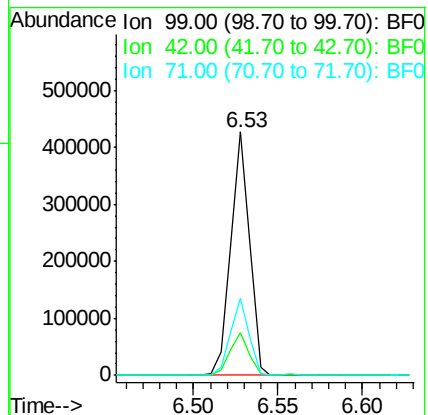
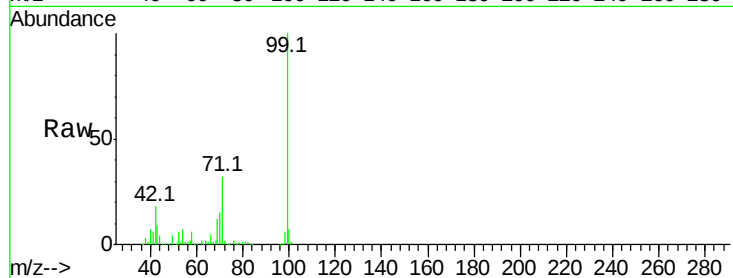
Tot Ion: 99 Resp: 326612

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 3.115 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.14 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

Tgt Ion: 70 Resp: 22836

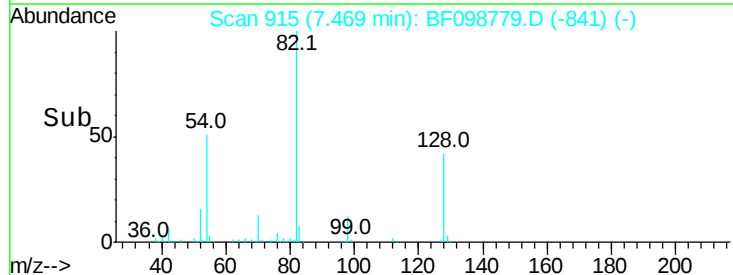
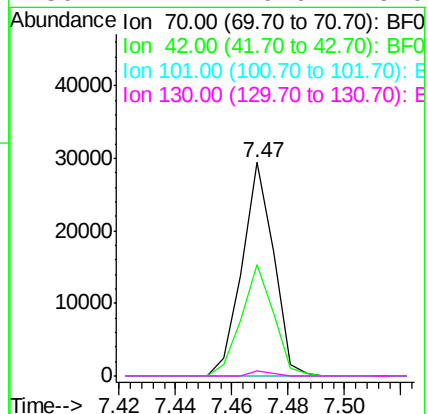
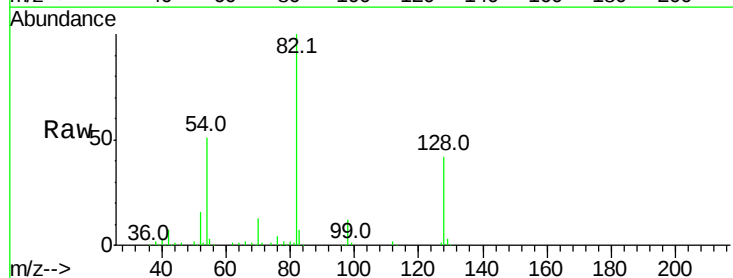
Ion Ratio Lower Upper

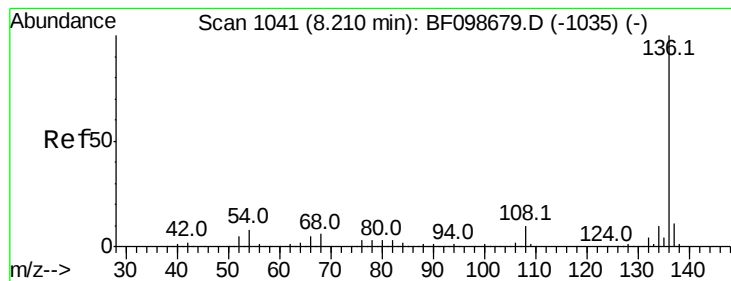
70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 581745

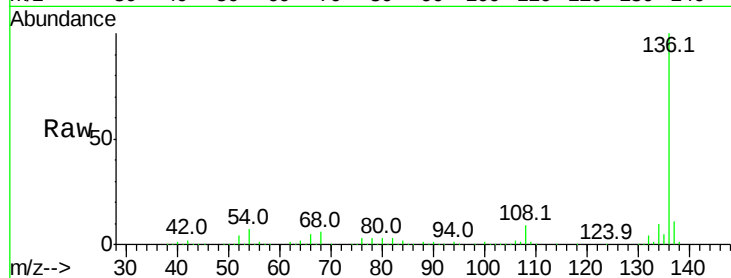
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 5.7 5.0 7.4

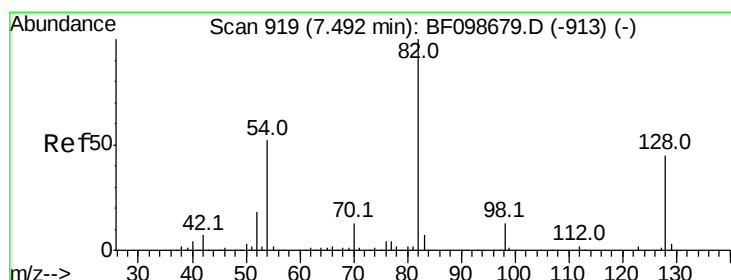
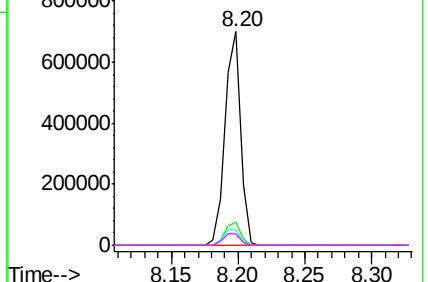
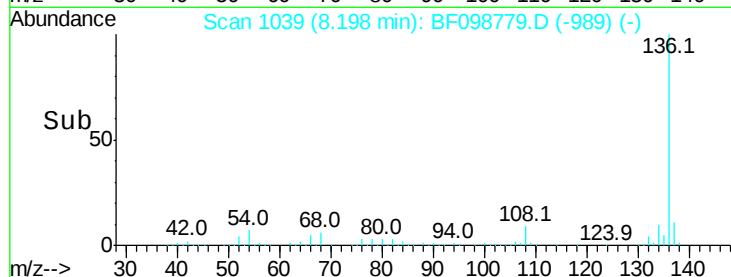


Abundance Ion 136.00 (135.70 to 136.70): E

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: 19.422 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

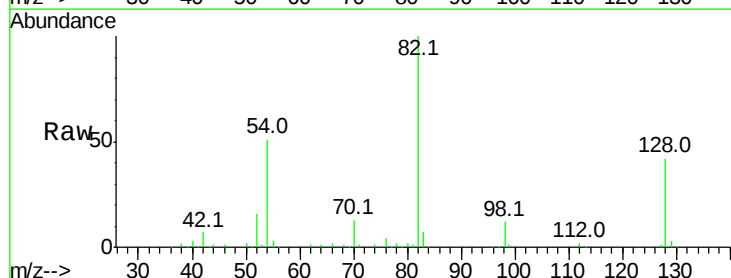
Tgt Ion: 82 Resp: 176182

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

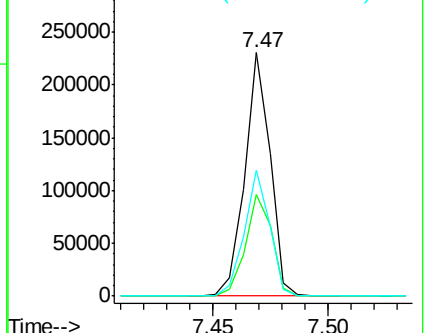
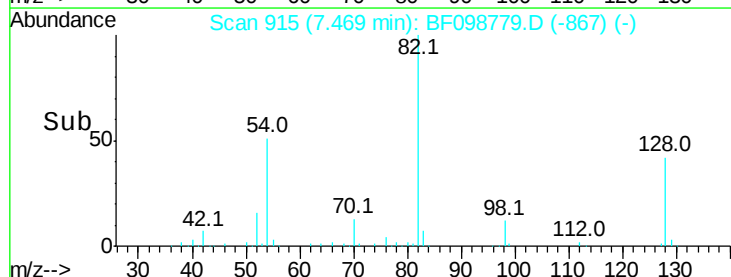
54 51.5 41.4 62.2

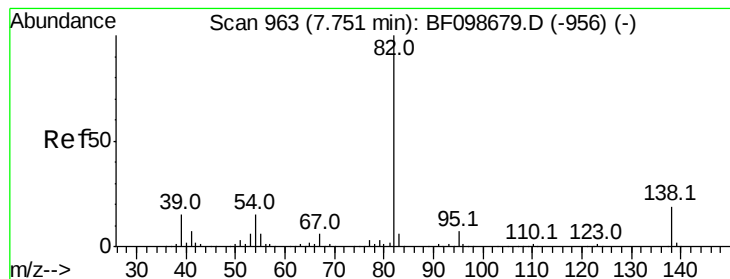


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 9.367 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.28 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

Instrument :

BNA_F

ClientSampleId :

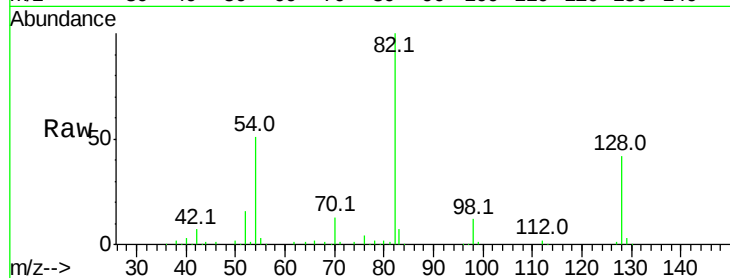
Tot Ion: 82 Resp: 175686

Ion Ratio Lower Upper

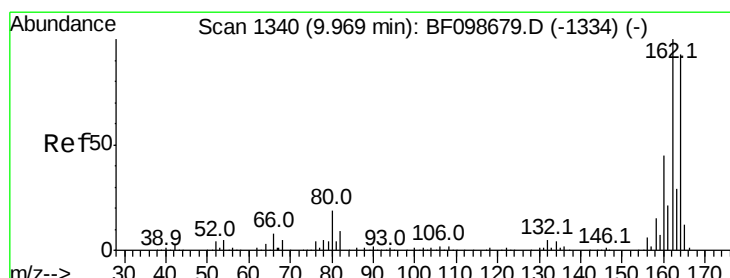
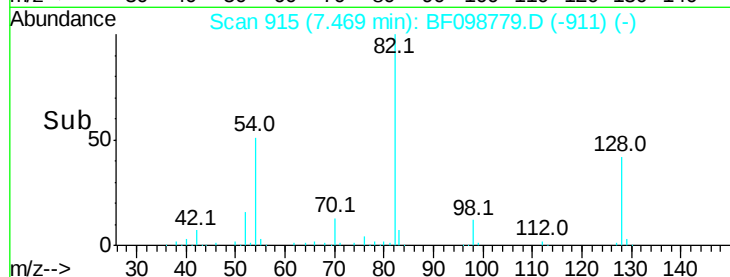
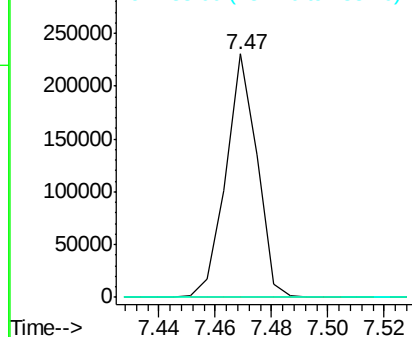
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

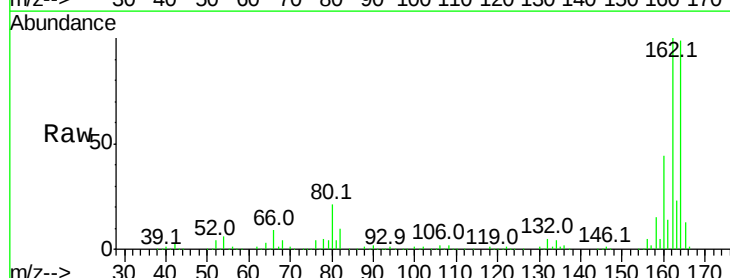
Tgt Ion:164 Resp: 237045

Ion Ratio Lower Upper

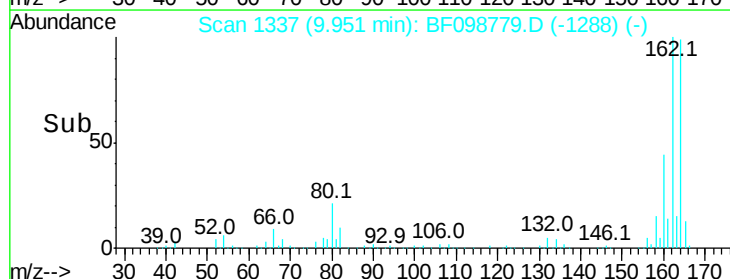
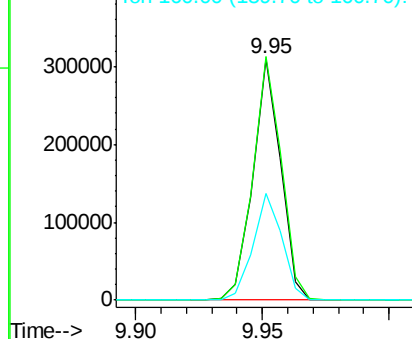
164 100

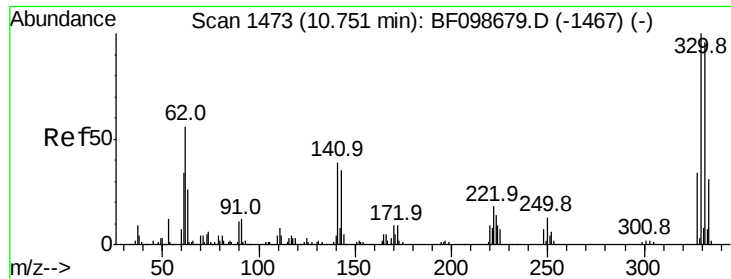
162 100.8 86.1 129.1

160 44.4 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: 39.557 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

Instrument :

BNA_F

ClientSampleId :

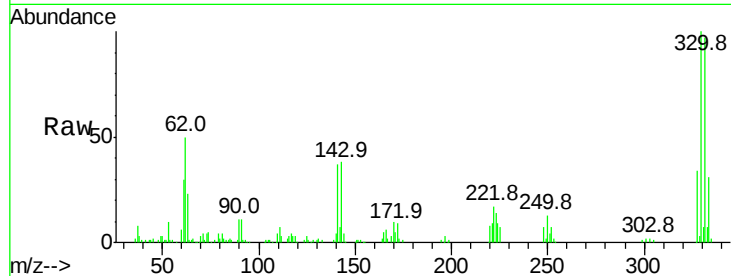
Tot Ion:330 Resp: 76727

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

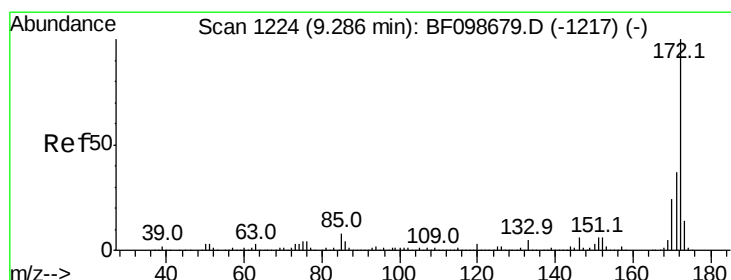
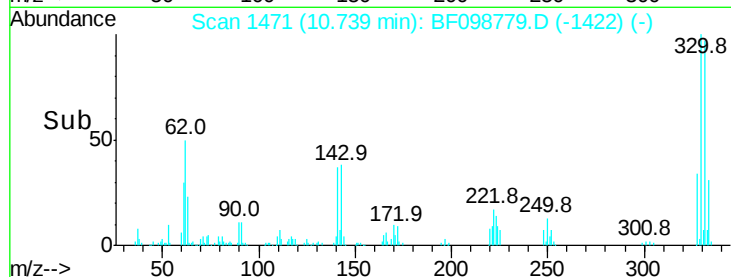
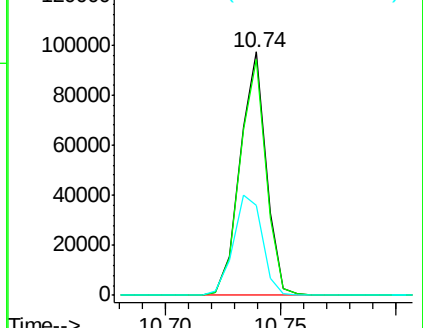
141 45.6 29.9 44.9#



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: 24.643 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

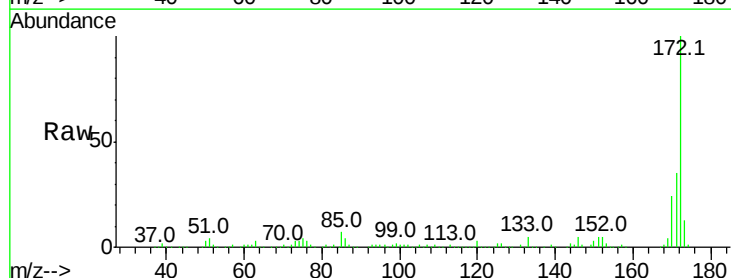
Tgt Ion:172 Resp: 349910

Ion Ratio Lower Upper

172 100

171 35.2 29.7 44.5

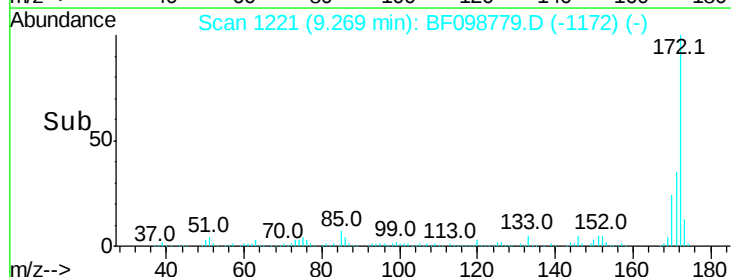
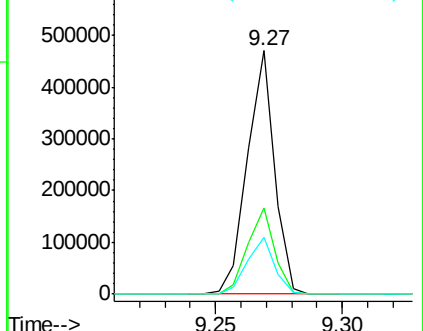
170 23.6 19.6 29.4

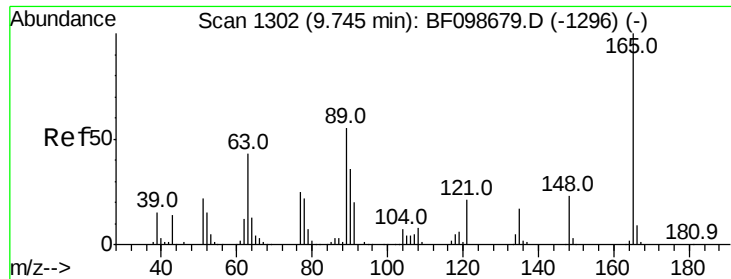


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

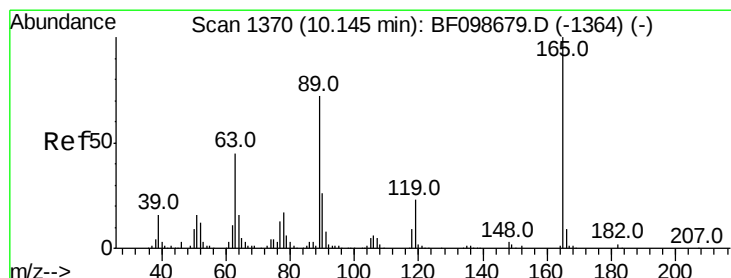
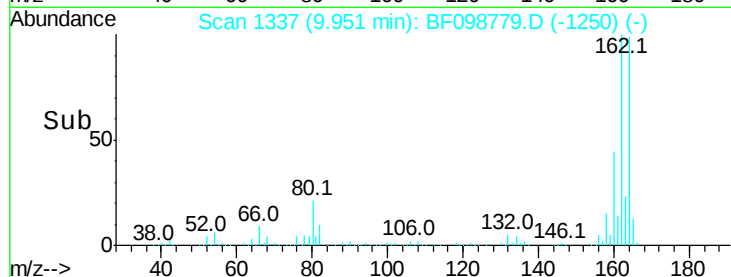
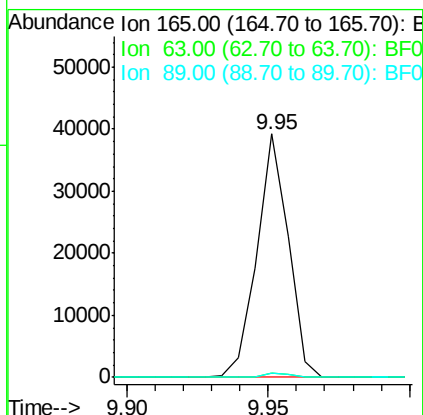
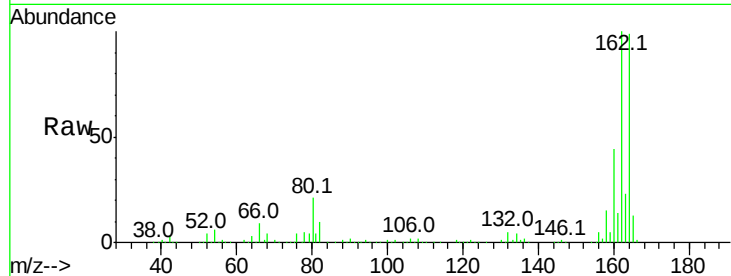




#50
 2,6-Dinitrotoluene
 Concen: 7.769 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098779.D
 Acq: 25 Sep 2017 13:17

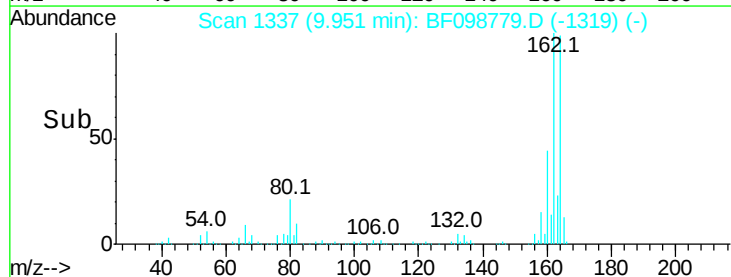
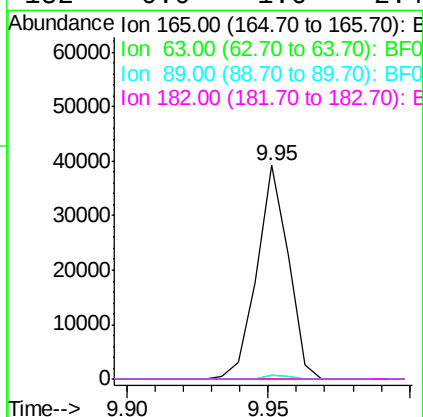
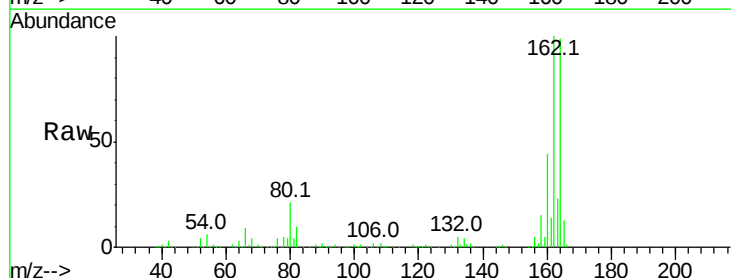
Instrument :
 BNA_F
 ClientSampleId :

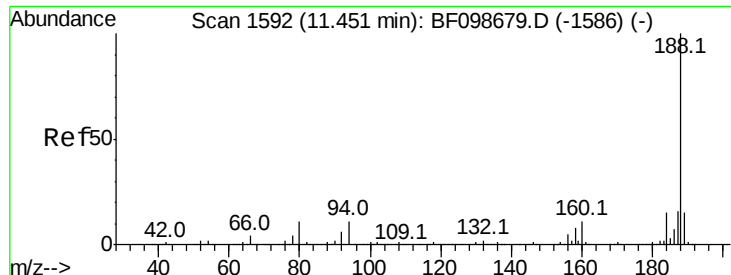
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.986 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098779.D
 Acq: 25 Sep 2017 13:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

Instrument :

BNA_F

ClientSampleId :

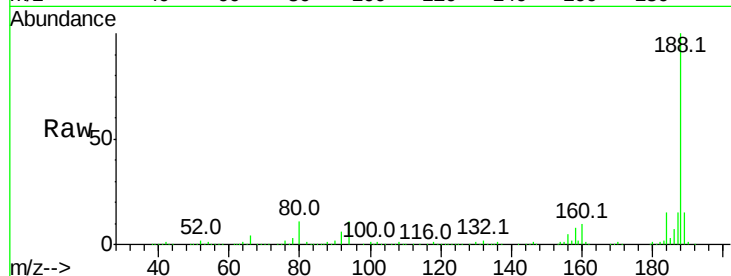
Tot Ion:188 Resp: 349240

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

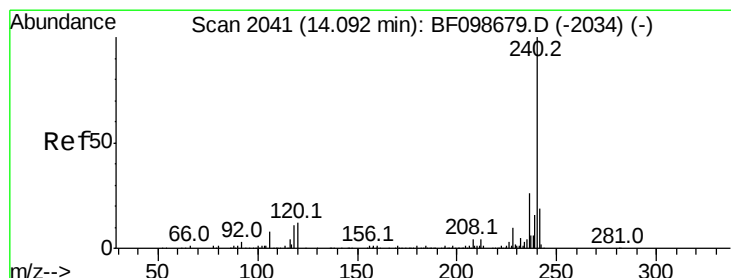
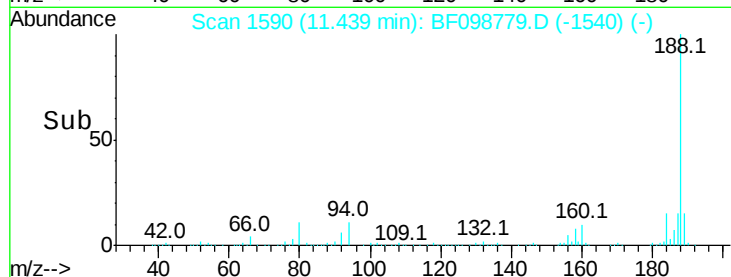
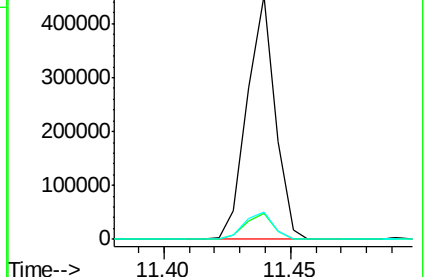
80 11.4 9.2 13.8



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: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

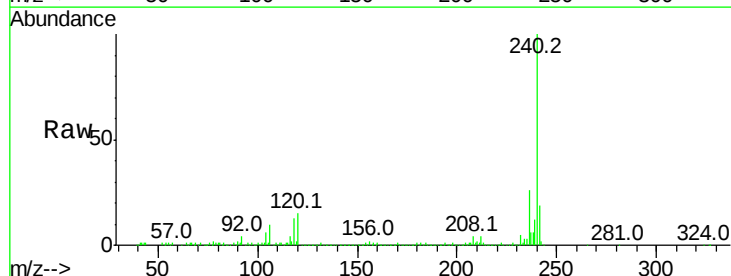
Tgt Ion:240 Resp: 290577

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

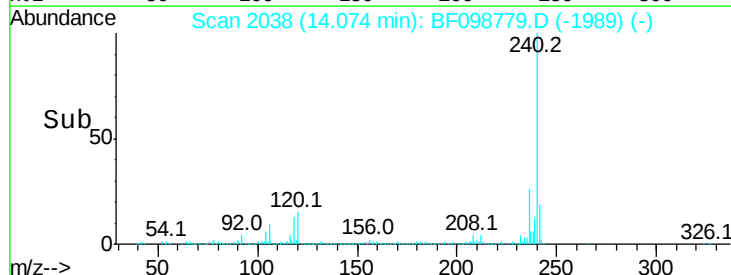
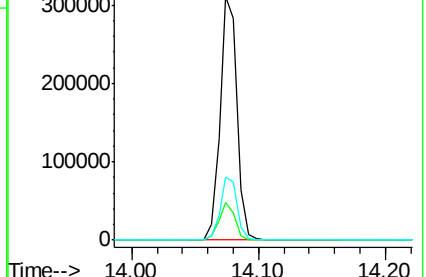
236 25.9 20.7 31.1

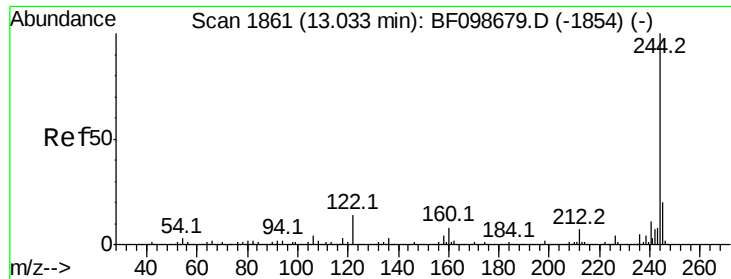


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.809 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

Instrument :

BNA_F

ClientSampleId :

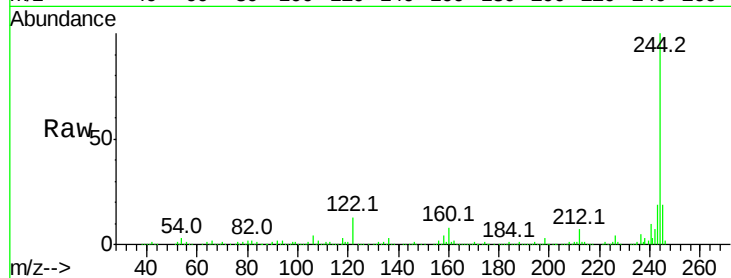
Tot Ion:244 Resp: 393645

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

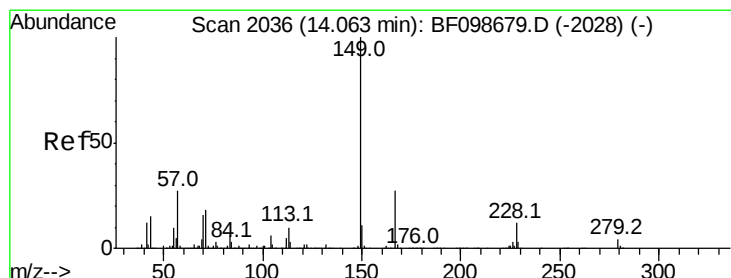
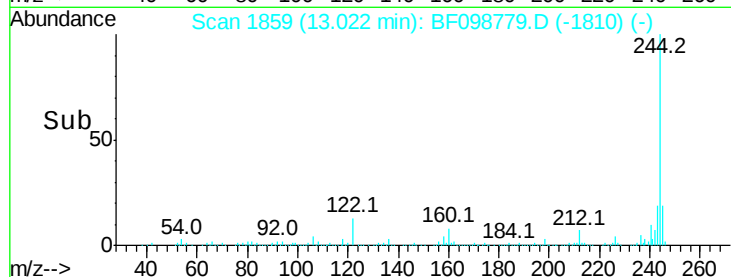
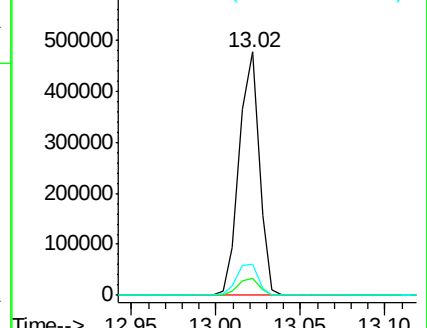
122 12.8 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.047 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF098779.D

Acq: 25 Sep 2017 13:17

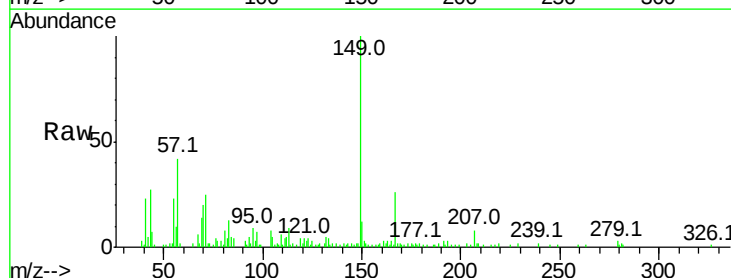
Tgt Ion:149 Resp: 29346

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

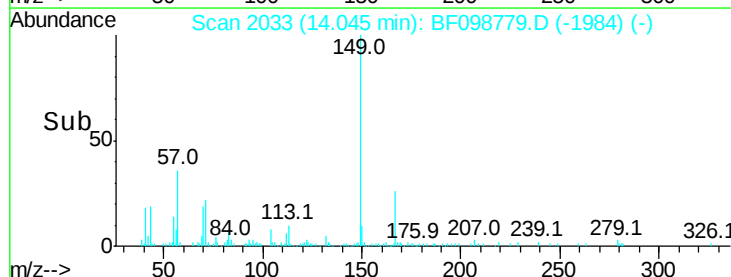
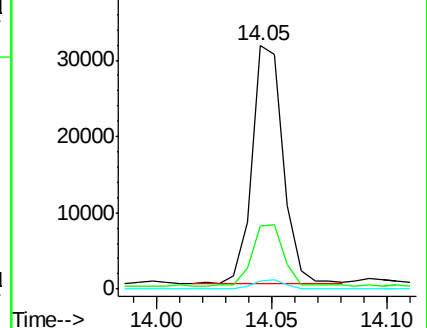
279 3.1 3.0 4.4

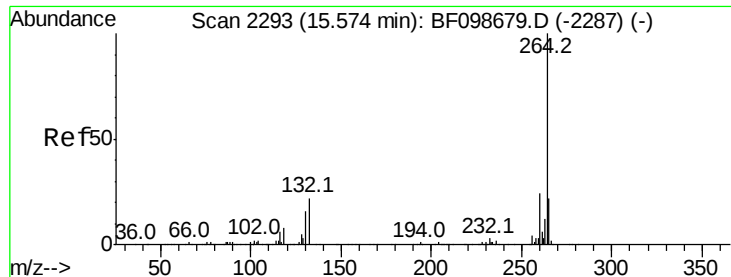


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098779.D
Acq: 25 Sep 2017 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

