

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100060.D
 Acq On : 1 Nov 2017 22:28
 Operator : SJ/JU
 Sample : I6226-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:40:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

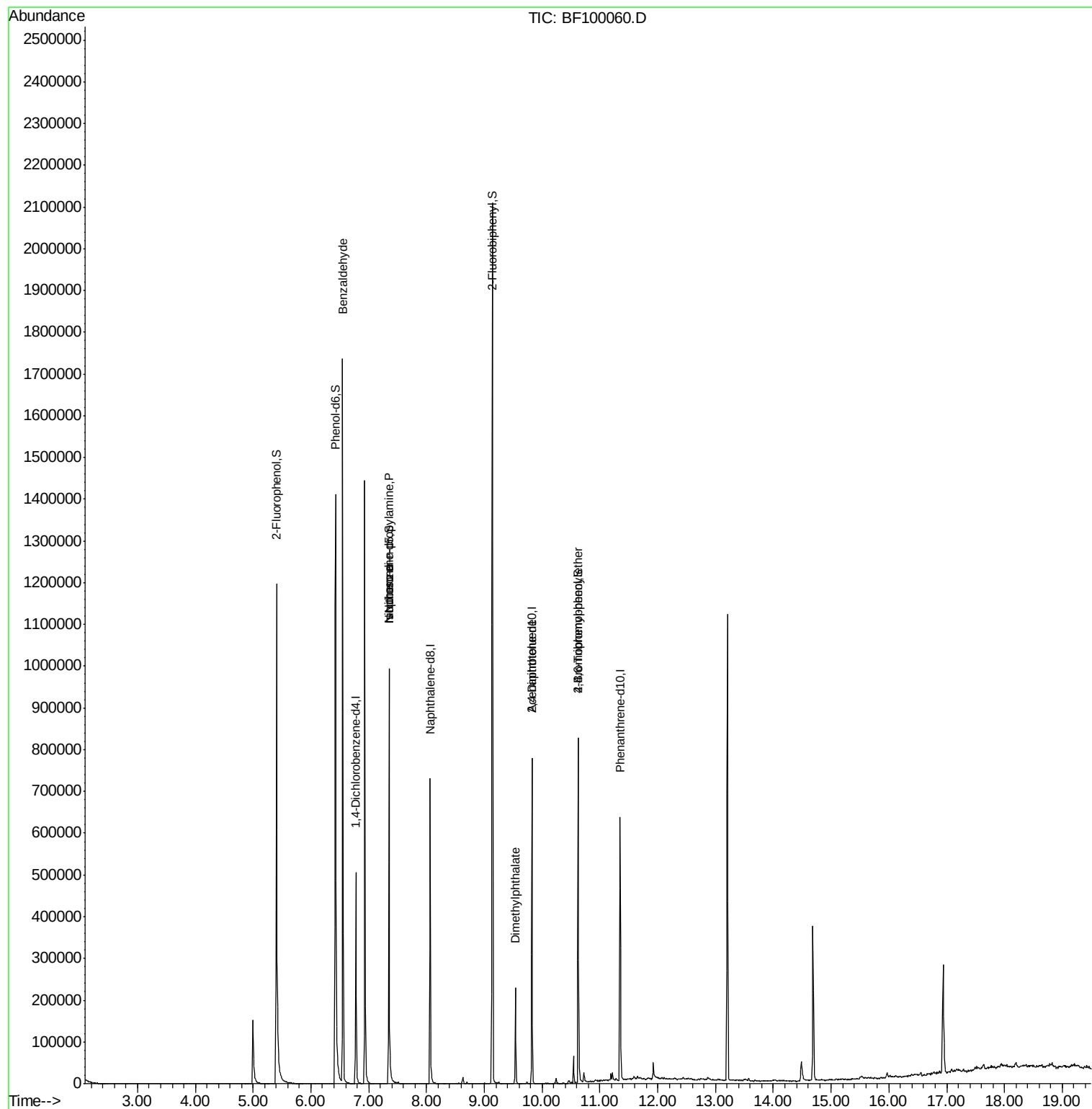
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	87754	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	346247	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	150197	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	235727	20.00	ng	0.04
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	503678	90.11	ng	0.01
7) Phenol-d6	6.43	99	604023	91.14	ng	0.00
23) Nitrobenzene-d5	7.35	82	336351	62.54	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	115080	84.08	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	646263	66.38	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
9) Benzaldehyde	6.55	77	8517	2.151	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	41133	10.591	ng	# 71
25) Isophorone	7.35	82	336351	34.466	ng	# 64
49) Dimethylphthalate	9.54	163	97101	8.164	ng	100
56) 2,4-Dinitrotoluene	9.82	165	18660	6.197	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	7476	3.013	ng	# 1

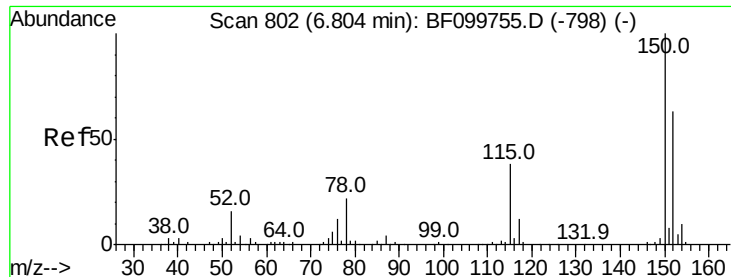
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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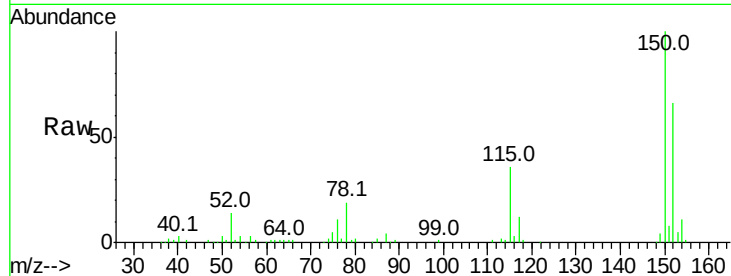


#1

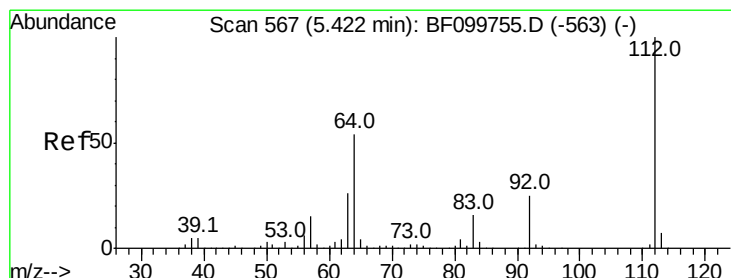
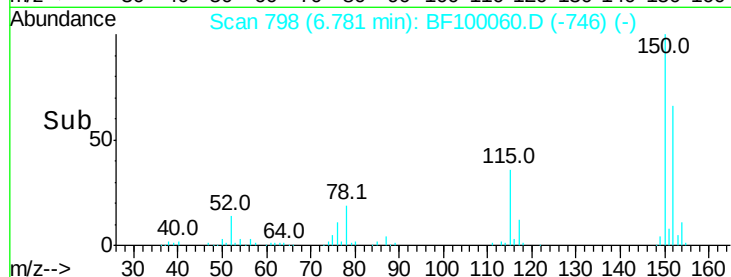
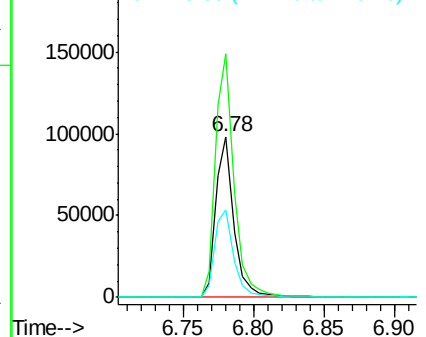
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF100060.D
 Acq: 1 Nov 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 87754
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.6 186.8
 115 54.6 50.1 75.1



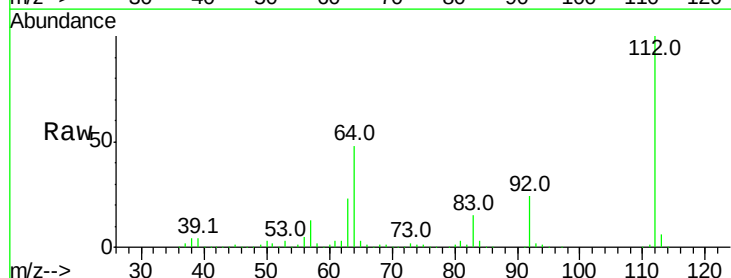
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



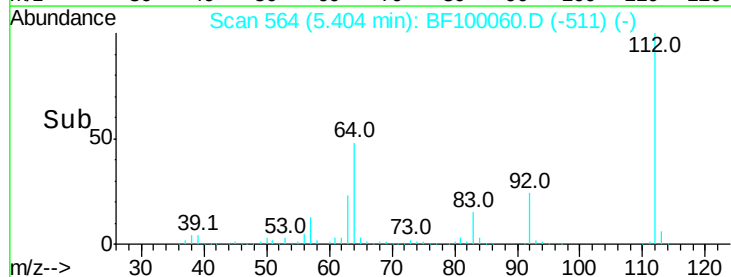
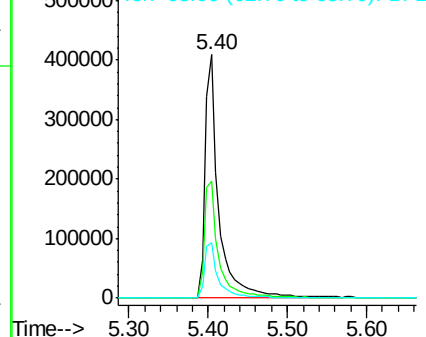
#5

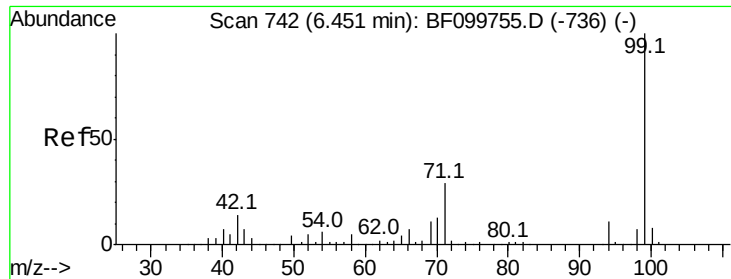
2-Fluorophenol
 Concen: 90.111 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100060.D
 Acq: 1 Nov 2017 22:28

Tgt Ion:112 Resp: 503678
 Ion Ratio Lower Upper
 112 100
 64 48.2 47.9 71.9
 63 22.8 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.137 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF100060.D

Acq: 1 Nov 2017 22:28

Instrument :

BNA_F

ClientSampleId :

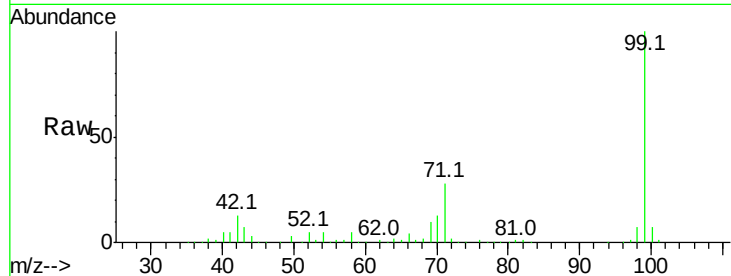
Tot Ion: 99 Resp: 604023

Ion Ratio Lower Upper

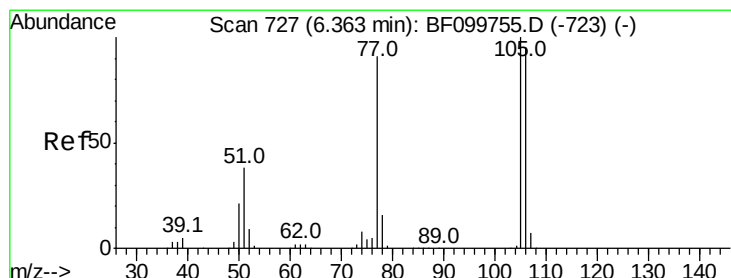
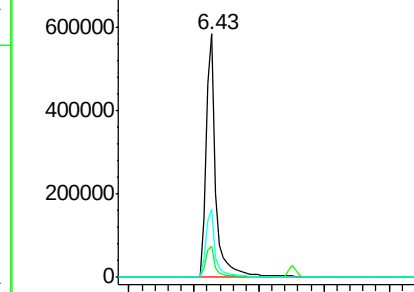
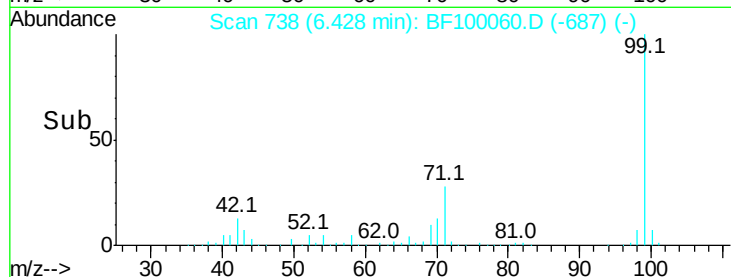
99 100

42 13.0 14.5 21.7#

71 28.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.151 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.21 min

Lab File: BF100060.D

Acq: 1 Nov 2017 22:28

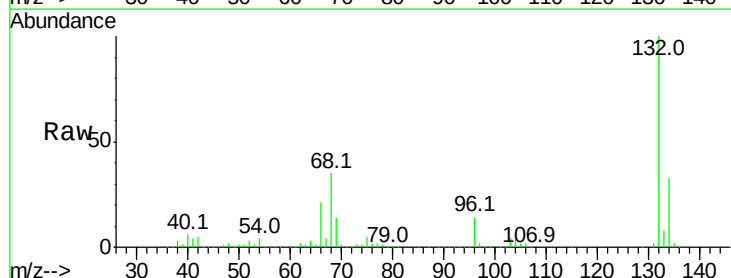
Tgt Ion: 77 Resp: 8517

Ion Ratio Lower Upper

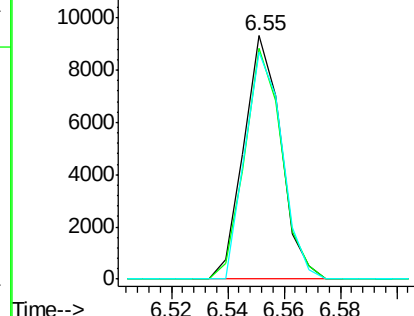
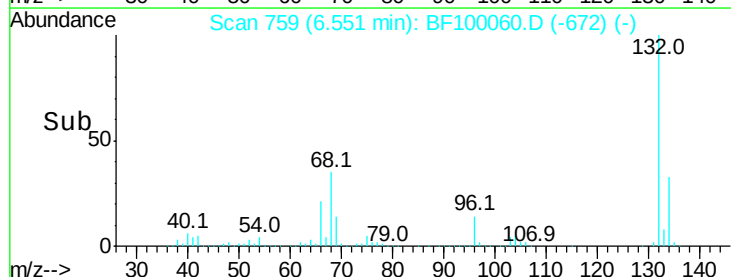
77 100

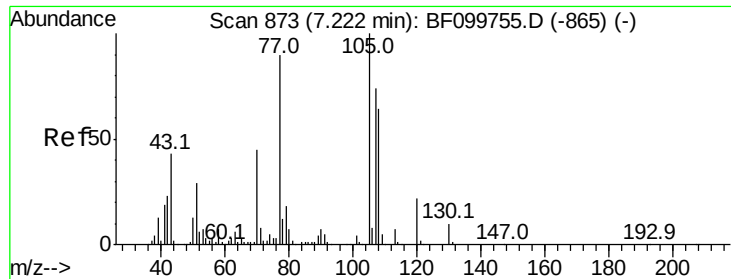
105 95.0 81.1 121.1

106 93.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

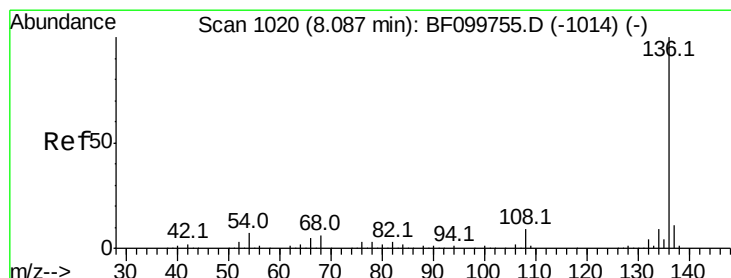
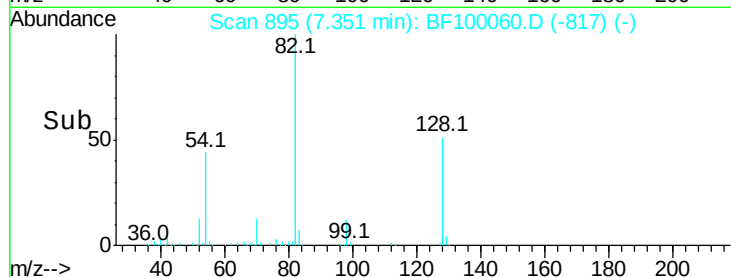
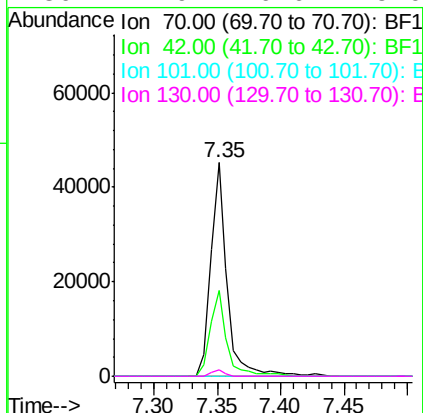
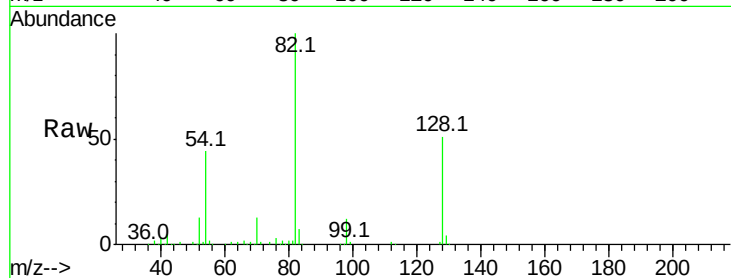




#19
n-Nitroso-di-n-propylamine
Concen: 10.591 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.16 min
Lab File: BF100060.D
Acq: 1 Nov 2017 22:28

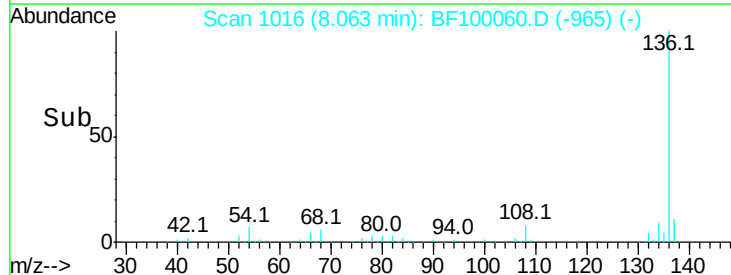
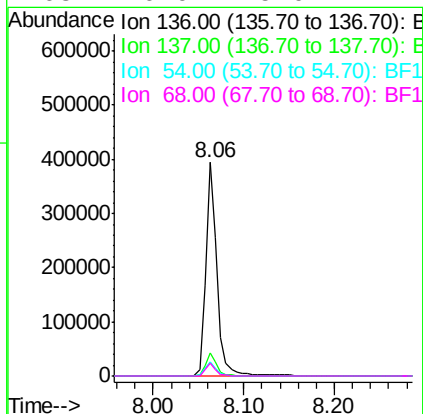
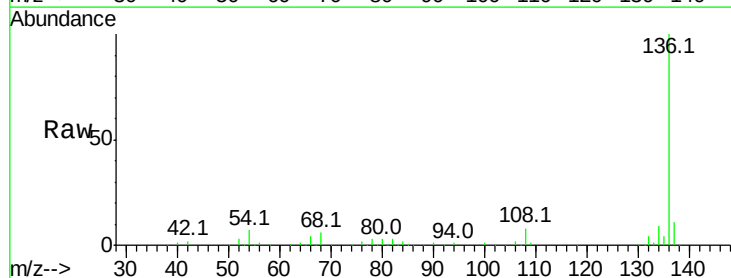
Instrument :
BNA_F
ClientSampleId :

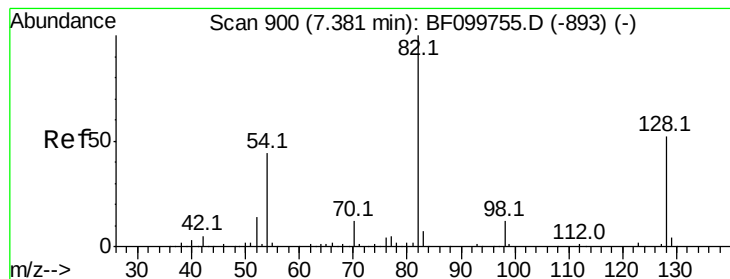
Tot Ion: 70 Resp: 41133
Ion Ratio Lower Upper
70 100
42 40.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100060.D
Acq: 1 Nov 2017 22:28

Tgt Ion:136 Resp: 346247
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.7 6.6 9.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 62.540 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF100060.D

Acq: 1 Nov 2017 22:28

Instrument :

BNA_F

ClientSampled :

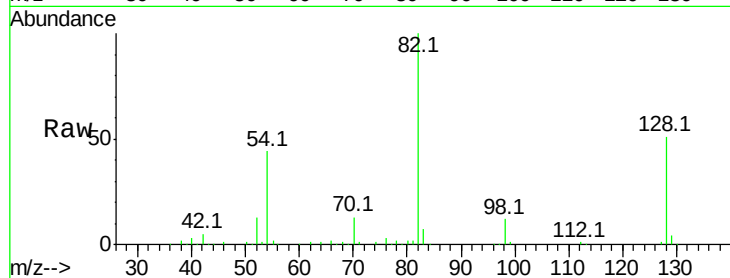
Tot Ion: 82 Resp: 336351

Ion Ratio Lower Upper

82 100

128 51.4 36.1 54.1

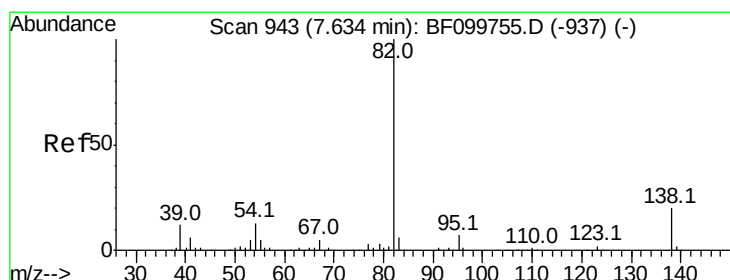
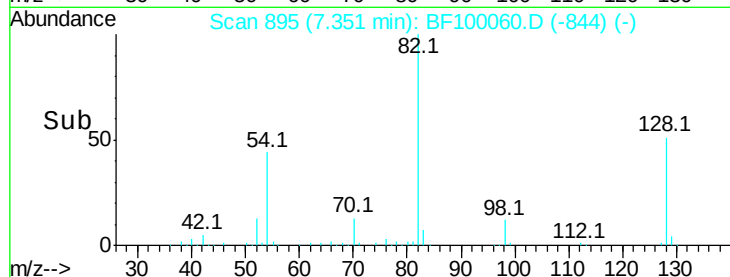
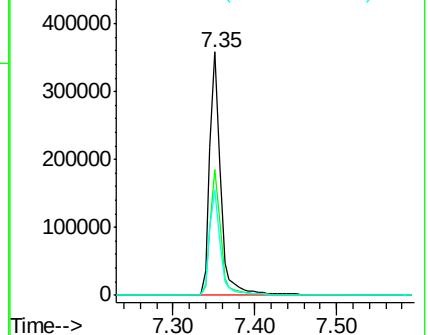
54 43.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 34.466 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100060.D

Acq: 1 Nov 2017 22:28

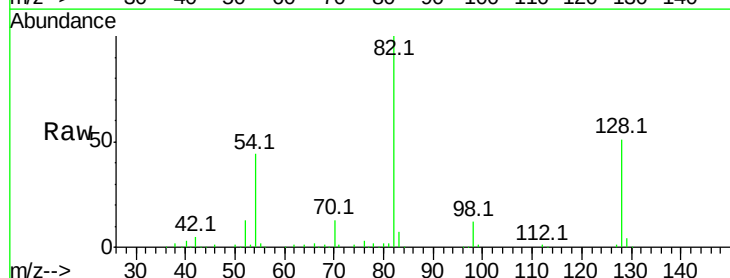
Tgt Ion: 82 Resp: 336351

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

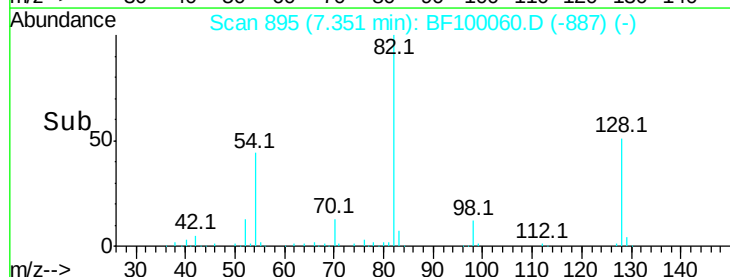
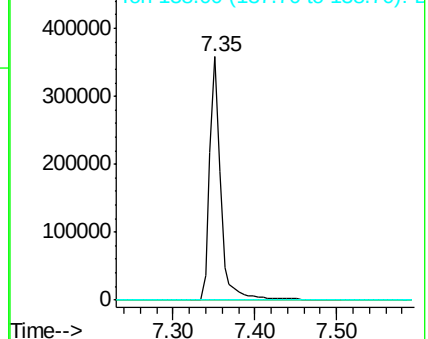
138 0.0 14.9 22.3#

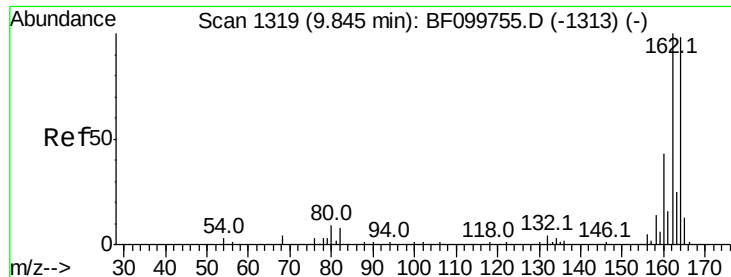


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

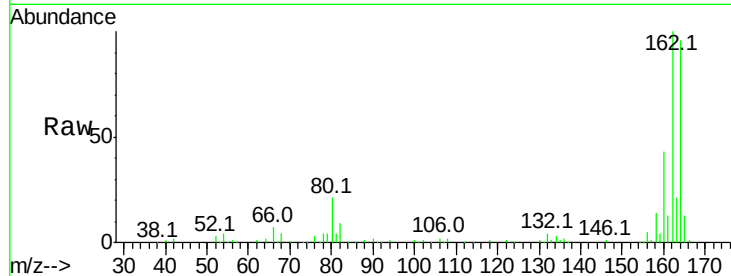




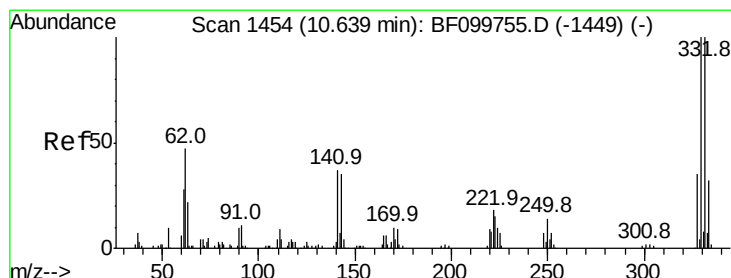
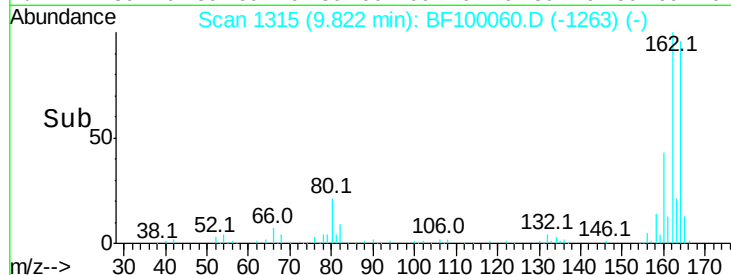
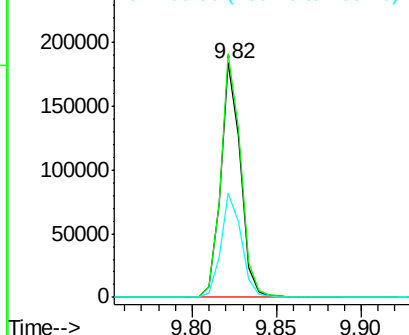
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100060.D
Acq: 1 Nov 2017 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 150197
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 44.3 38.3 57.5

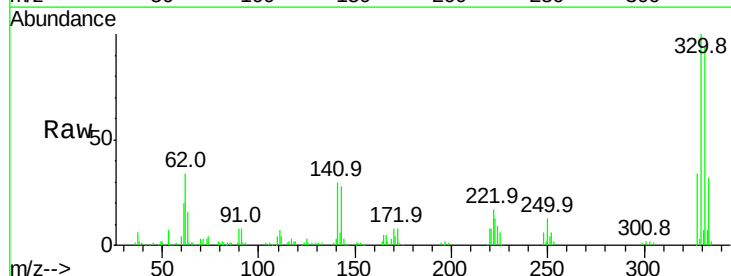


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

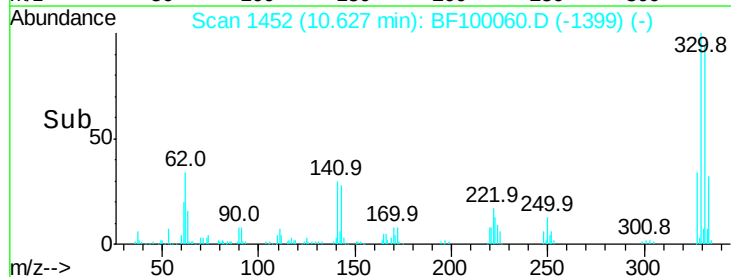
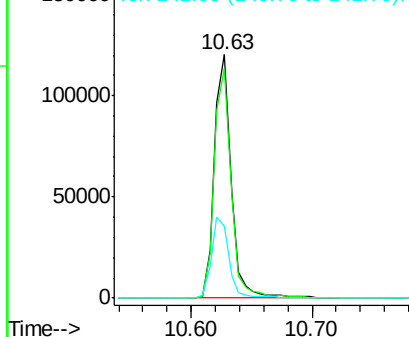


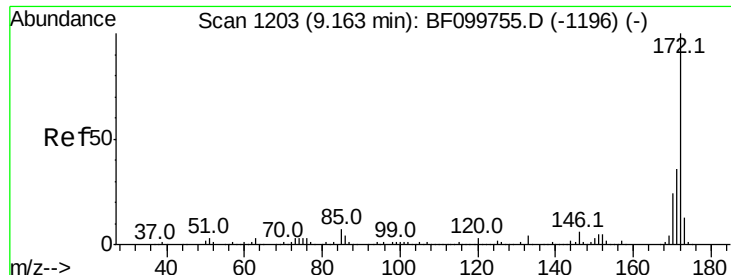
#41
2,4,6-Tribromophenol
Concen: 84.075 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100060.D
Acq: 1 Nov 2017 22:28

Tgt Ion:330 Resp: 115080
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 34.4 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

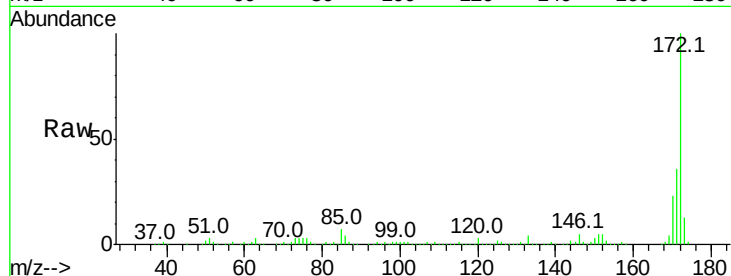




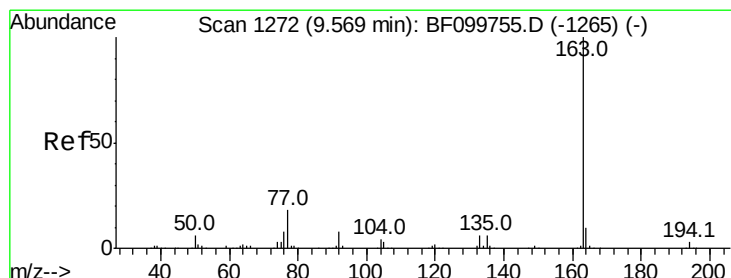
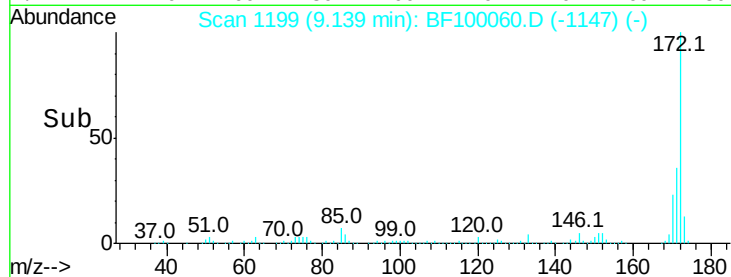
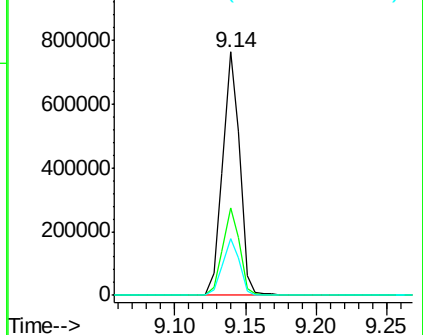
#44
2-Fluorobiphenyl
Concen: 66.385 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100060.D
Acq: 1 Nov 2017 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 646263
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.1 19.6 29.4

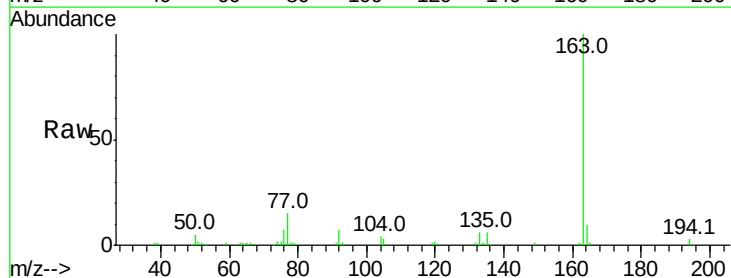


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

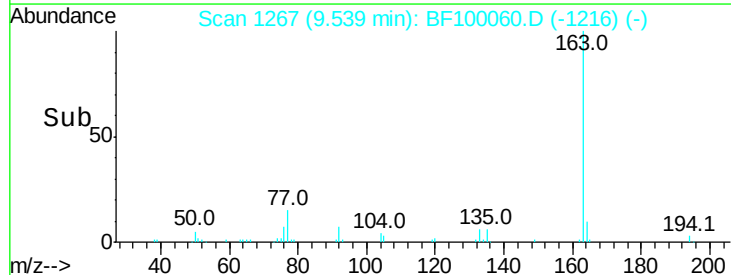
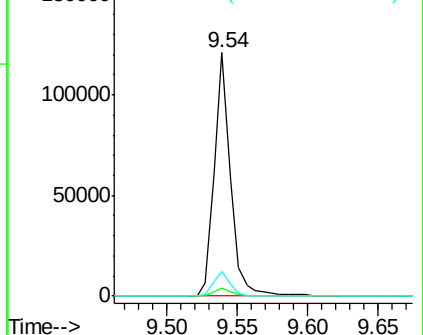


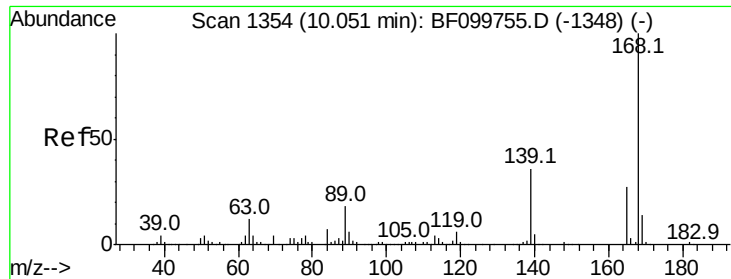
#49
Dimethylphthalate
Concen: 8.164 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF100060.D
Acq: 1 Nov 2017 22:28

Tgt Ion:163 Resp: 97101
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 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

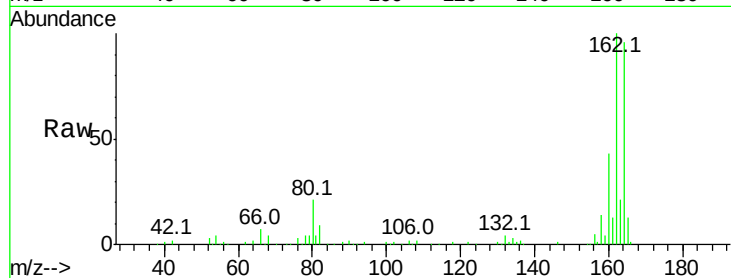




#56
 2,4-Dinitrotoluene
 Concen: 6.197 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF100060.D
 Acq: 1 Nov 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

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

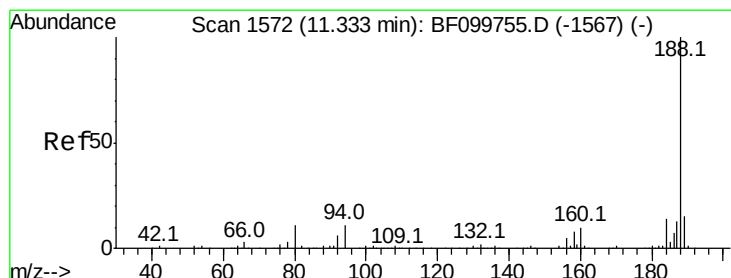
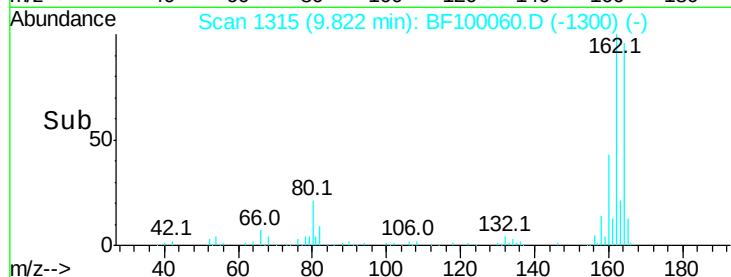
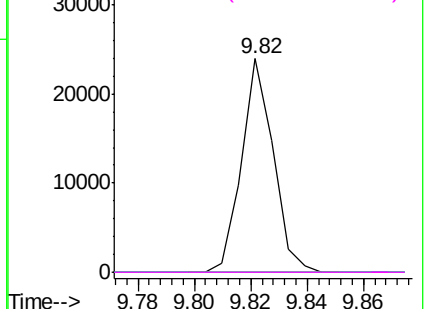


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

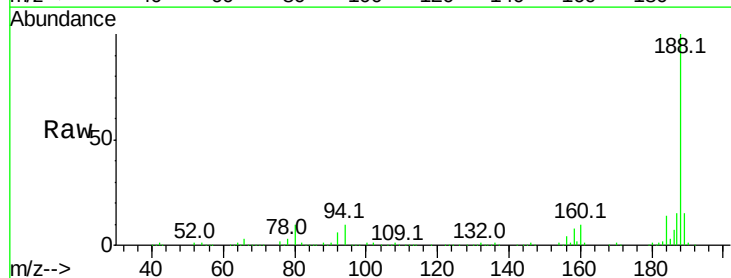
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.04 min
 Lab File: BF100060.D
 Acq: 1 Nov 2017 22:28

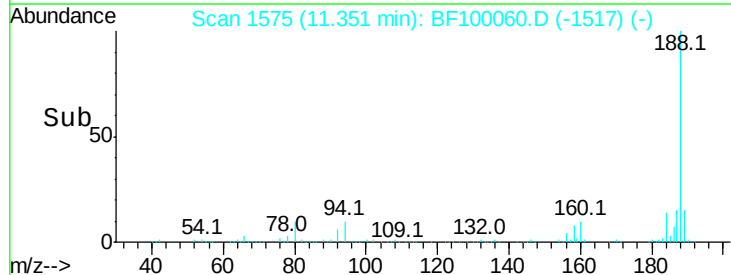
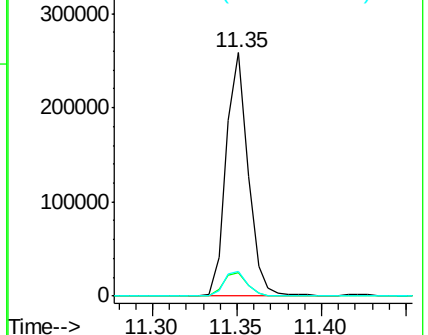
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.0	9.2	13.8

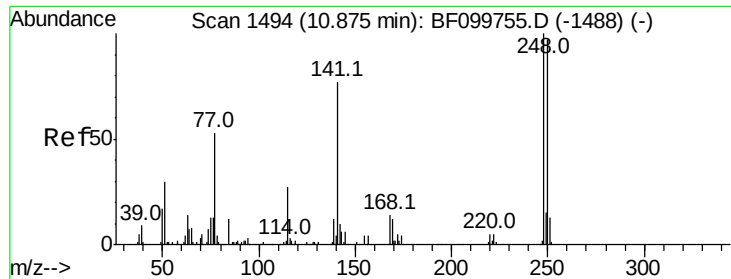


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#66

4-Bromophenyl-phenylether

Concen: 3.013 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.22 min

Lab File: BF100060.D

Acq: 1 Nov 2017 22:28

Instrument :

BNA_F

ClientSampled :

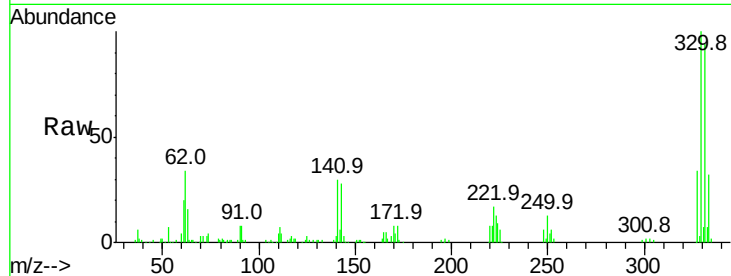
Tot Ion: 248 Resp: 7476

Ion Ratio Lower Upper

248 100

250 198.9 76.9 115.3#

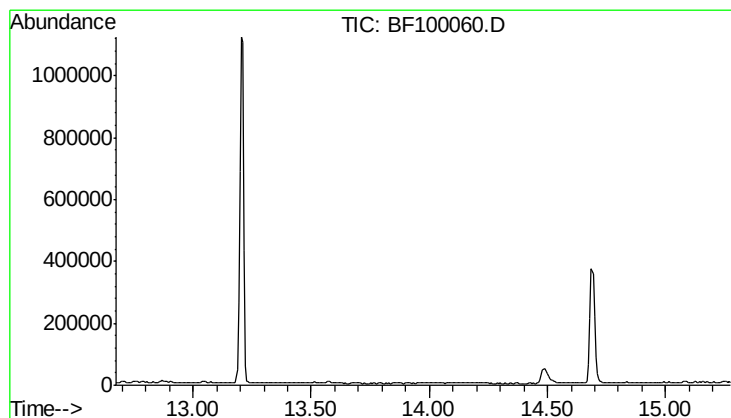
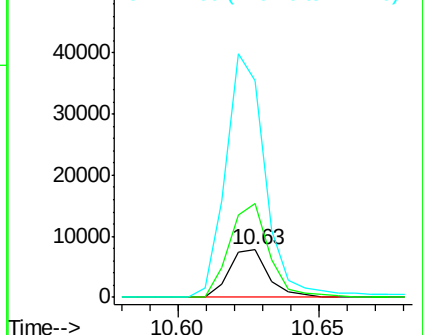
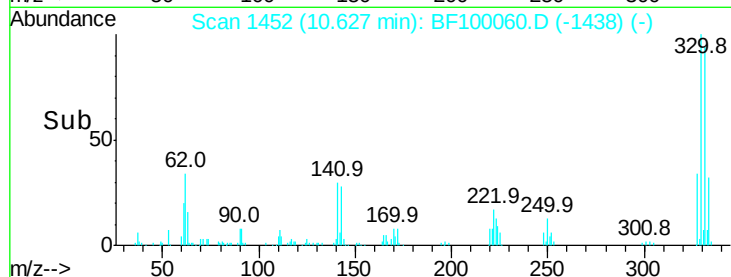
141 458.4 74.4 111.6#



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: 0.000 ng

Expected RT: 13.97 min

Lab File: BF100060.D

Acq: 1 Nov 2017 22:28

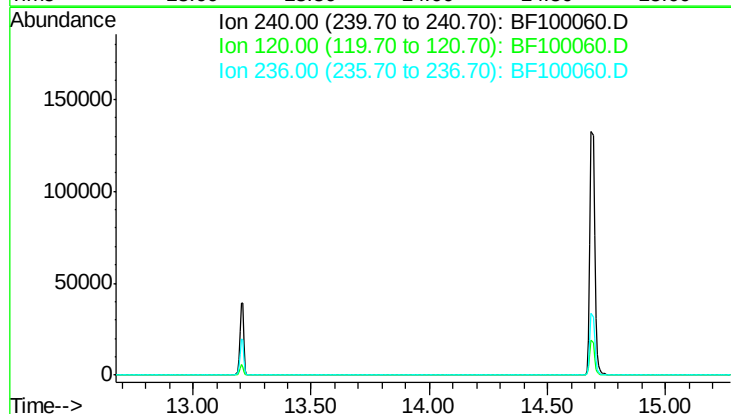
Tgt Ion: 240

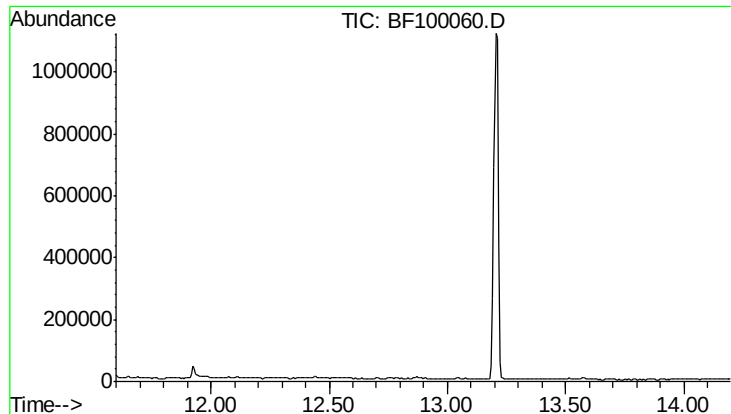
Sig Exp Ratio

240 100

120 11.9

236 25.9



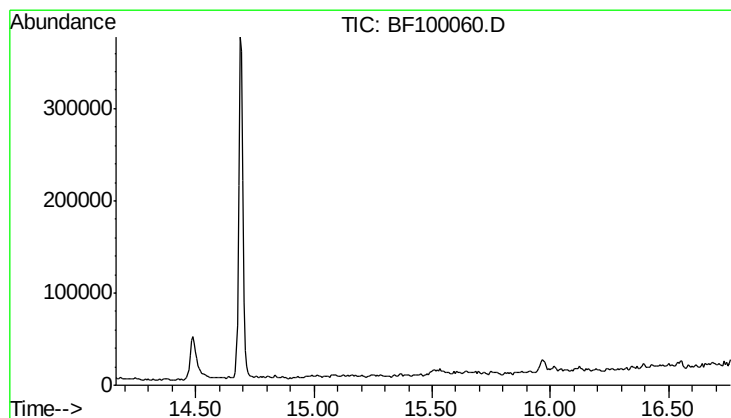
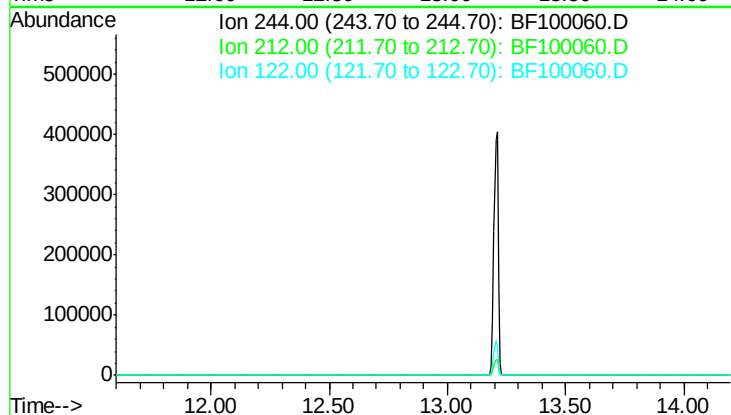


#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.90 min
 Lab File: BF100060.D
 Acq: 1 Nov 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 244

Sig	Exp Ratio
244	100
212	6.7
122	13.7



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 15.46 min
 Lab File: BF100060.D
 Acq: 1 Nov 2017 22:28

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.0
265	21.9

