

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101125.D
 Acq On : 5 Dec 2017 15:38
 Operator : SJ/JU
 Sample : I6718-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 16:58:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

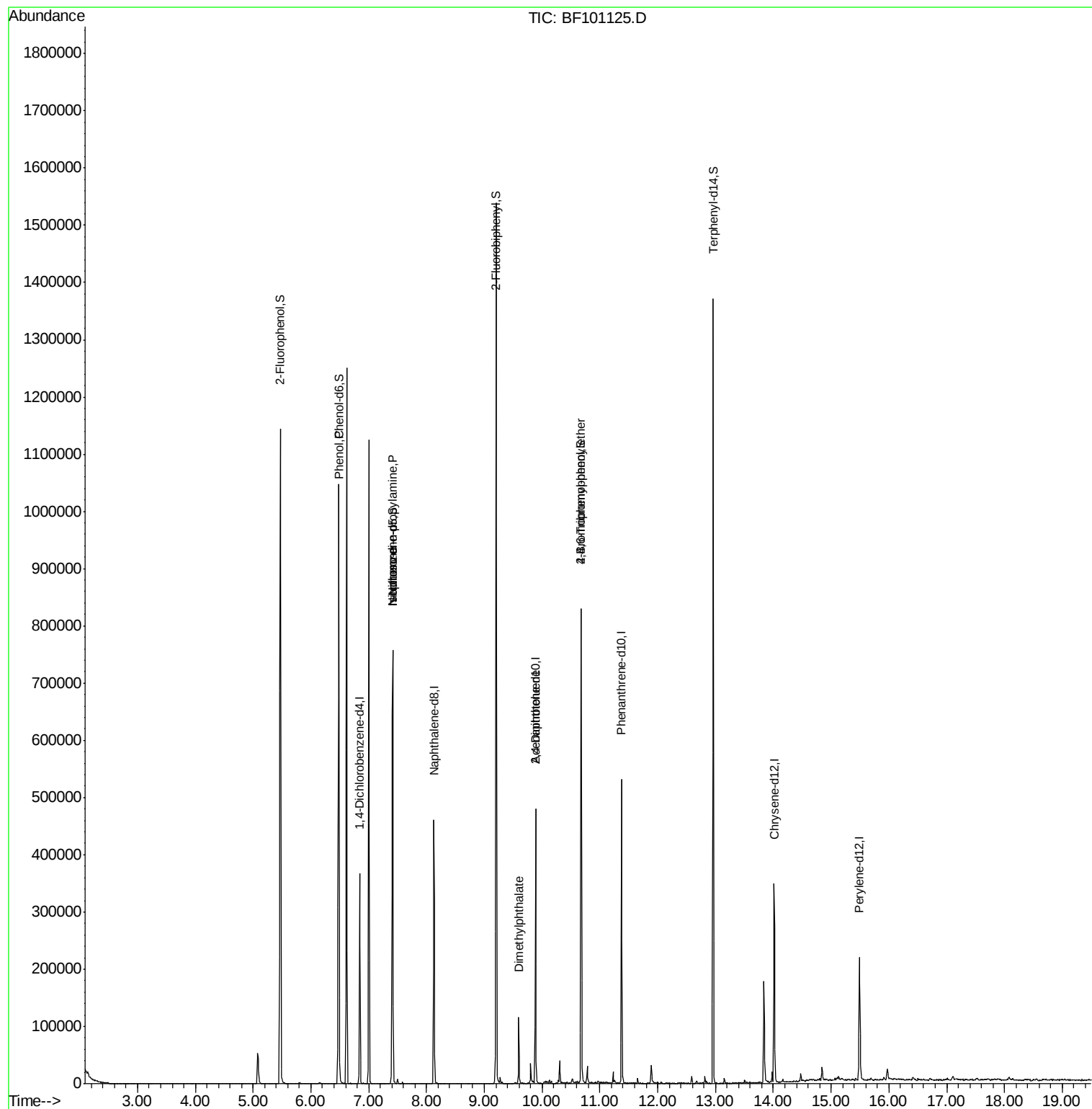
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51861	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	202966	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95626	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	181485	20.00	ng	0.00
75) Chrysene-d12	14.02	240	121013	20.00	ng	0.00
86) Perylene-d12	15.49	264	111400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	331342	105.58	ng	0.00
7) Phenol-d6	6.48	99	399630	104.88	ng	0.00
23) Nitrobenzene-d5	7.42	82	243562	71.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	114565	99.73	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	499960	71.53	ng	0.00
78) Terphenyl-d14	12.96	244	487290	88.08	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9810	2.32	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.42	70	32179	12.54	ng	# 81
25) Isophorone	7.42	82	243557	41.91	ng	# 64
49) Dimethylphthalate	9.60	163	46746	6.06	ng	98
56) 2,4-Dinitrotoluene	9.89	165	11482	5.27	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	7181	3.53	ng	# 1

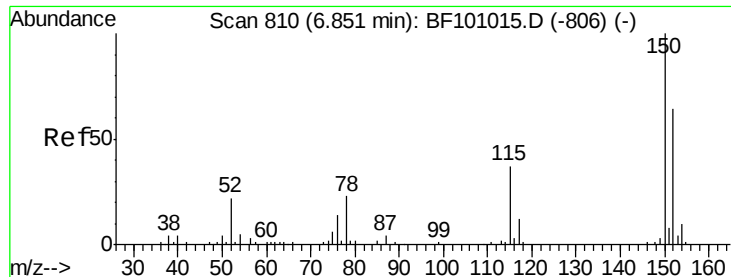
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101125.D

Acq: 5 Dec 2017 15:38

Instrument :

BNA_F

ClientSampled :

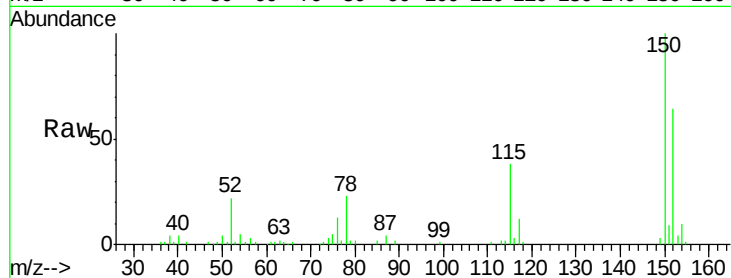
Tot Ion:152 Resp: 51861

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

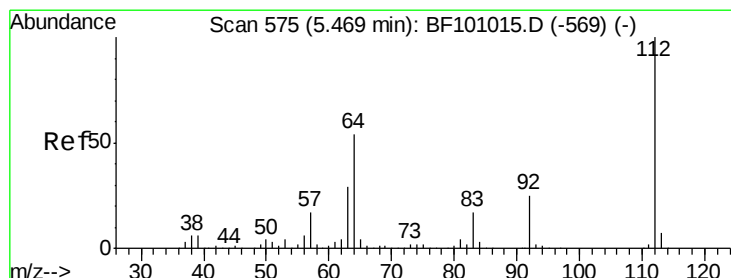
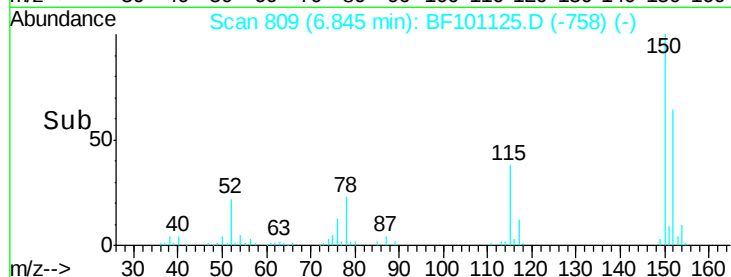
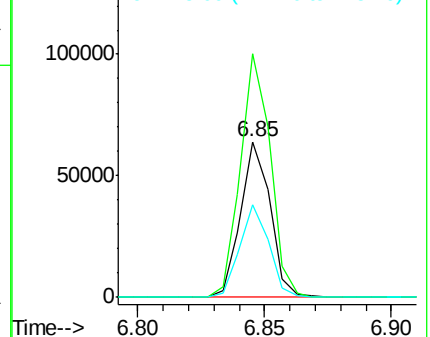
115 59.2 50.1 75.1



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: 105.58 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF101125.D

Acq: 5 Dec 2017 15:38

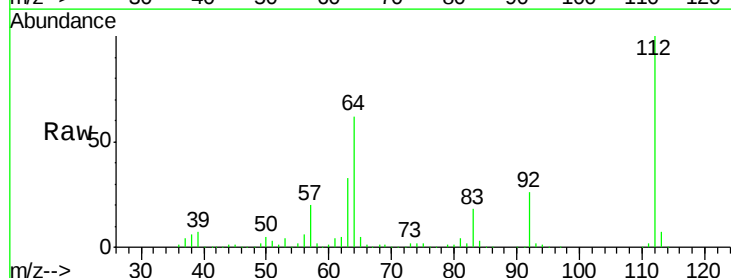
Tgt Ion:112 Resp: 331342

Ion Ratio Lower Upper

112 100

64 62.1 47.9 71.9

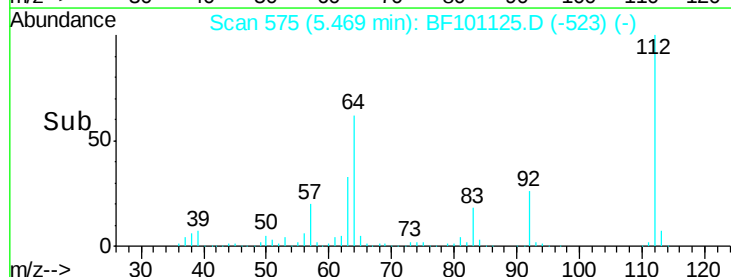
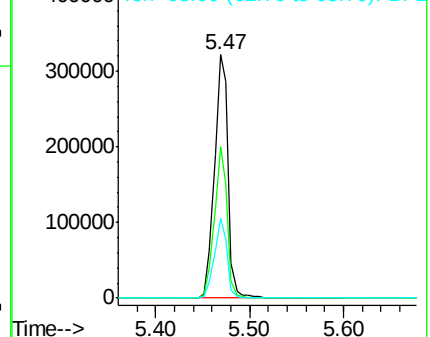
63 32.8 23.7 35.5

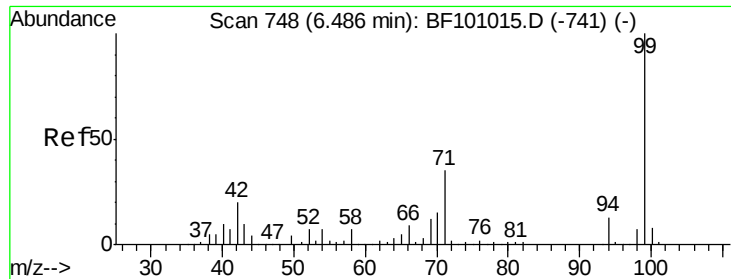


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.88 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101125.D

Acq: 5 Dec 2017 15:38

Instrument :

BNA_F

ClientSampled :

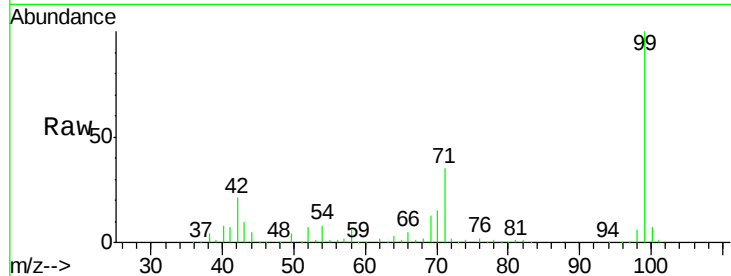
Tot Ion: 99 Resp: 399630

Ion Ratio Lower Upper

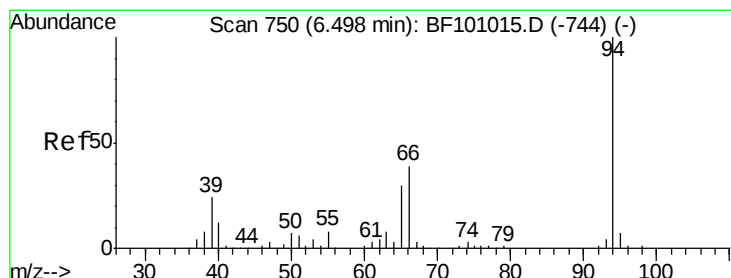
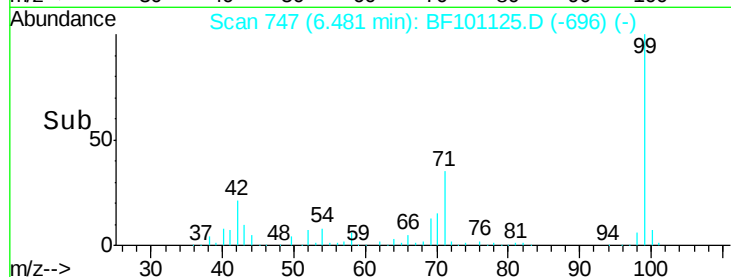
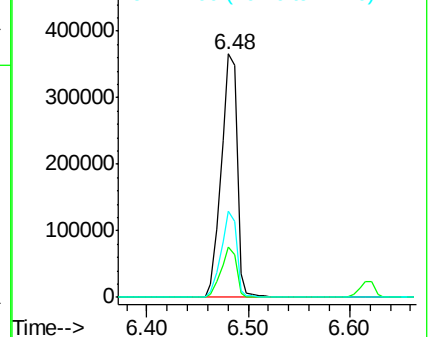
99 100

42 20.6 14.5 21.7

71 35.2 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



#10

Phenol

Concen: 2.32 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101125.D

Acq: 5 Dec 2017 15:38

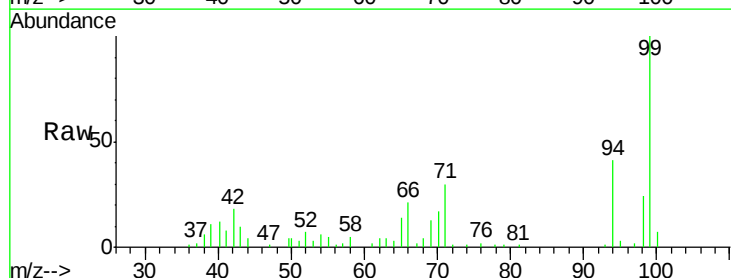
Tgt Ion: 94 Resp: 9810

Ion Ratio Lower Upper

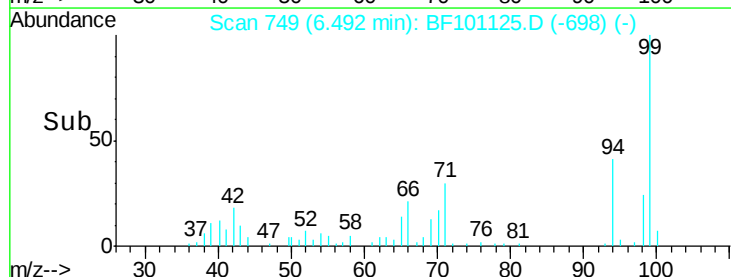
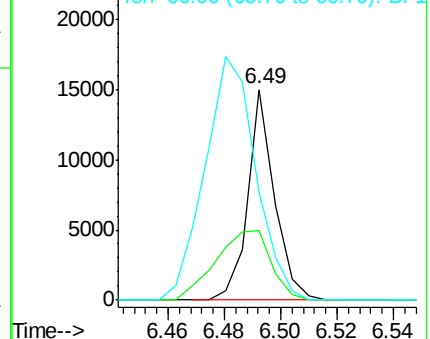
94 100

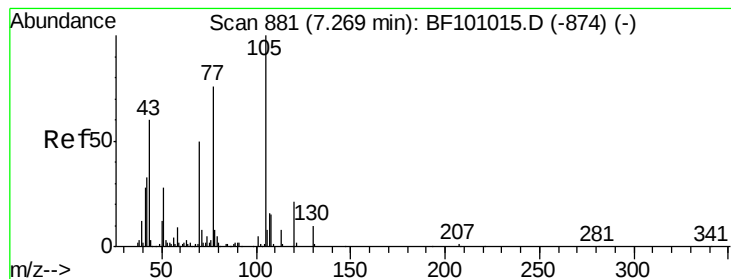
65 32.8 7.9 47.9

66 51.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 12.54 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF101125.D

Acq: 5 Dec 2017 15:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 32179

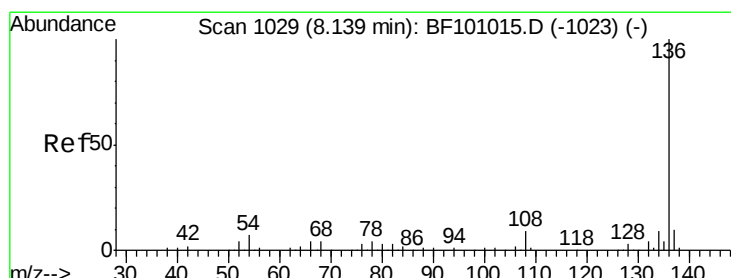
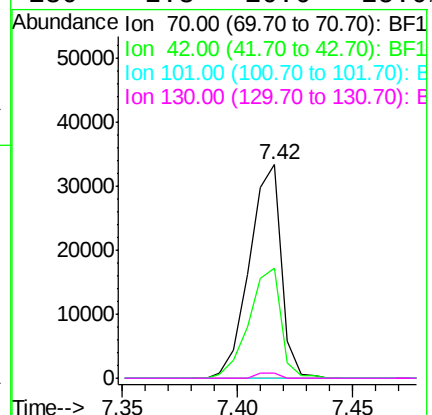
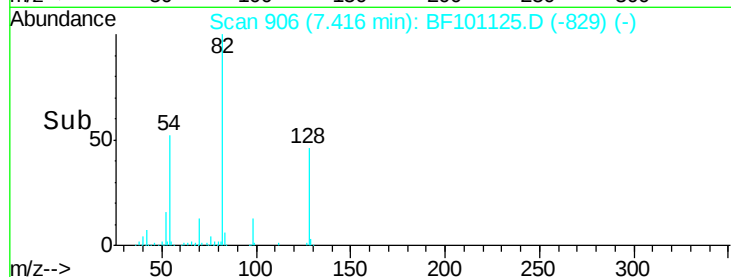
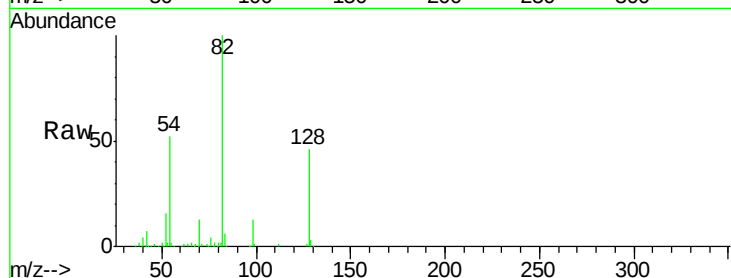
Ion	Ratio	Lower	Upper
70	100		
42	51.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101125.D

Acq: 5 Dec 2017 15:38

Tgt Ion: 136 Resp: 202966

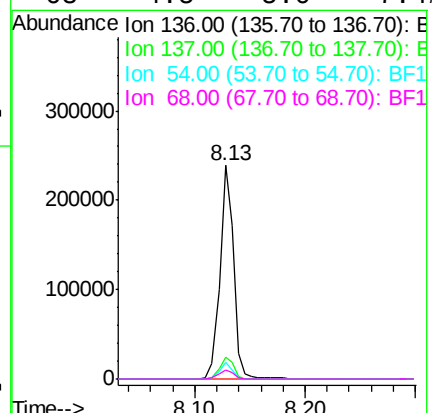
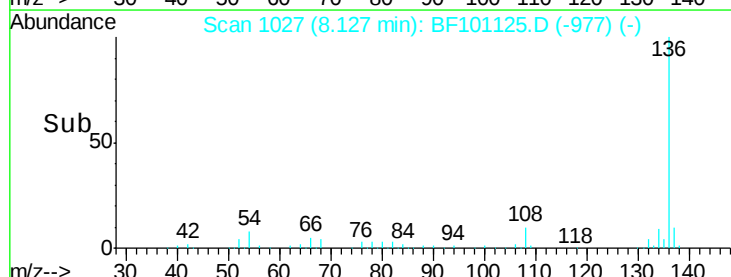
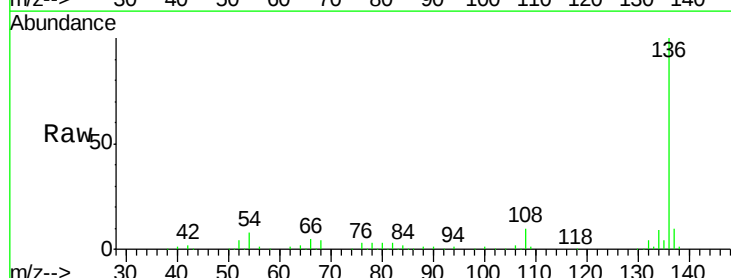
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	4.5	5.0	7.4#

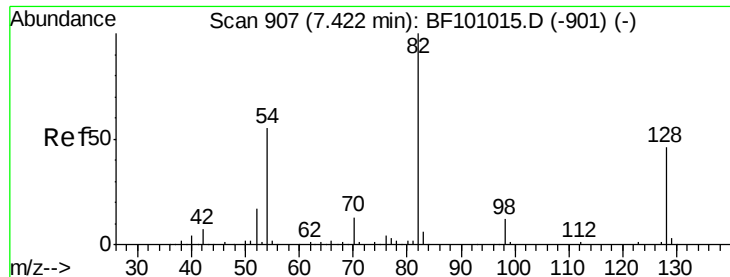
136 100

137 10.5 8.9 13.3

54 7.5 6.6 9.8

68 4.5 5.0 7.4#

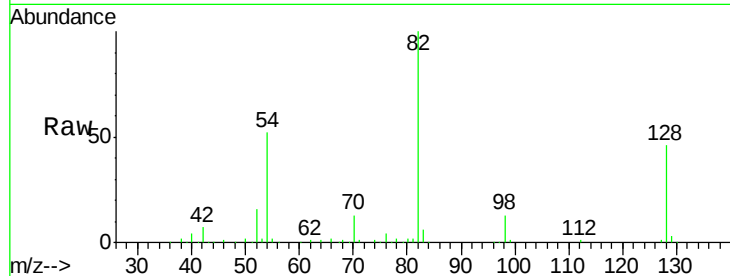




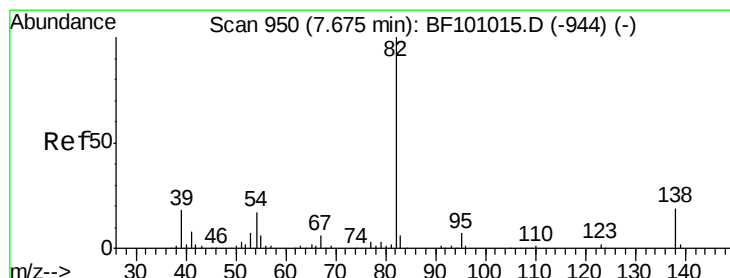
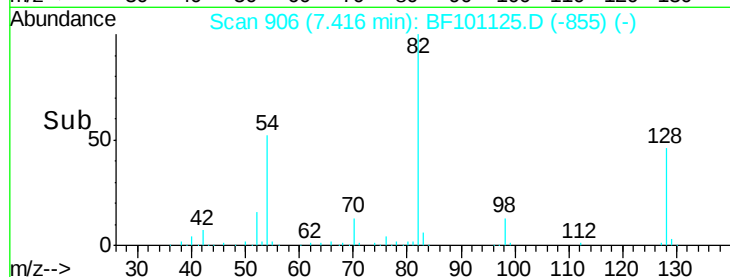
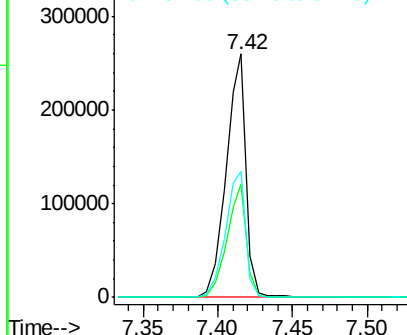
#23
Nitrobenzene-d5
Concen: 71.58 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101125.D
Acq: 5 Dec 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	243562
Ion Ratio	100	Lower	Upper
128	46.5	36.1	54.1
54	51.9	41.4	62.2

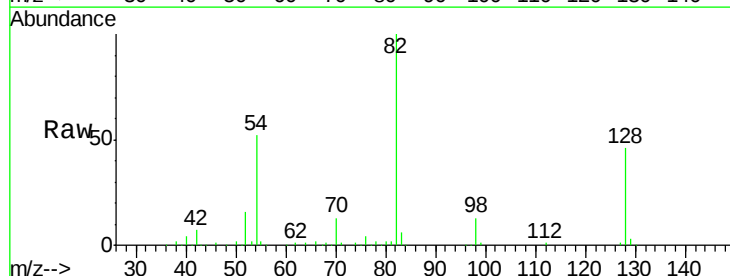


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

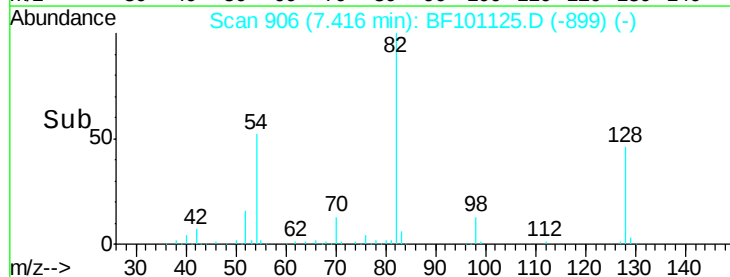
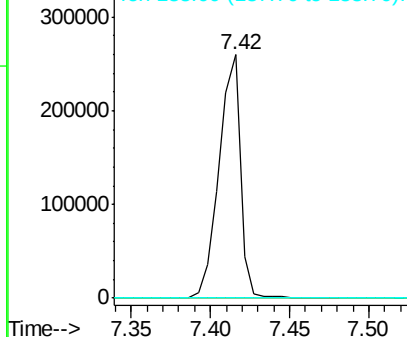


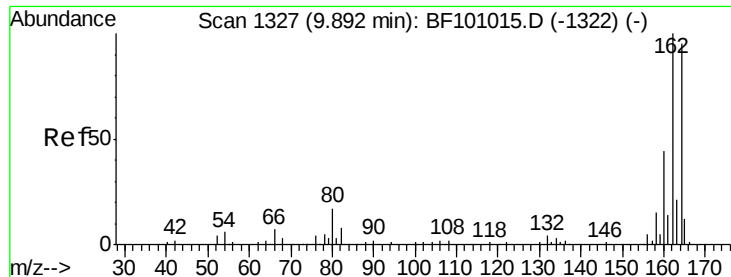
#25
Isophorone
Concen: 41.91 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101125.D
Acq: 5 Dec 2017 15:38

Tgt Ion	82	Resp	243557
Ion Ratio	100	Lower	Upper
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

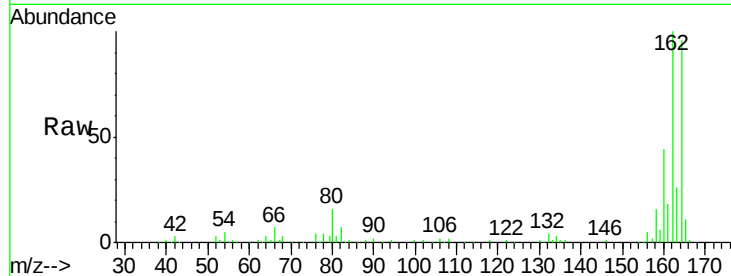




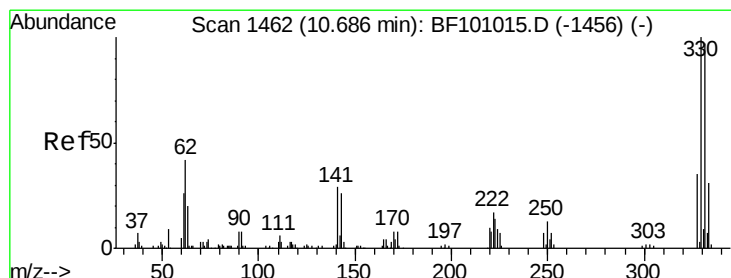
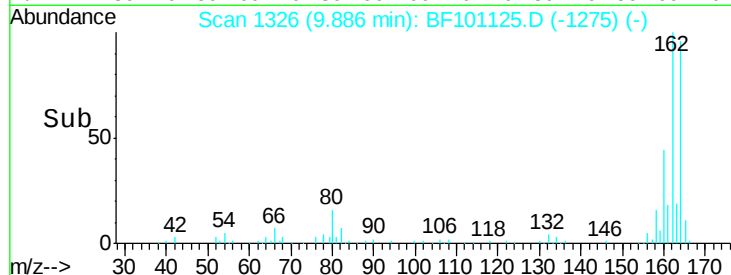
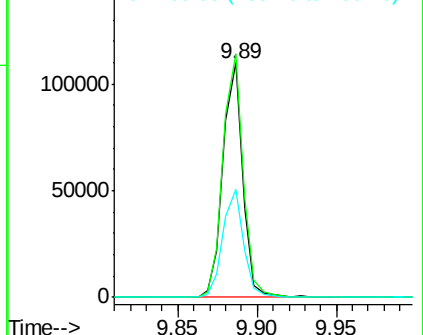
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101125.D
Acq: 5 Dec 2017 15:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 95626
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 46.1 38.3 57.5

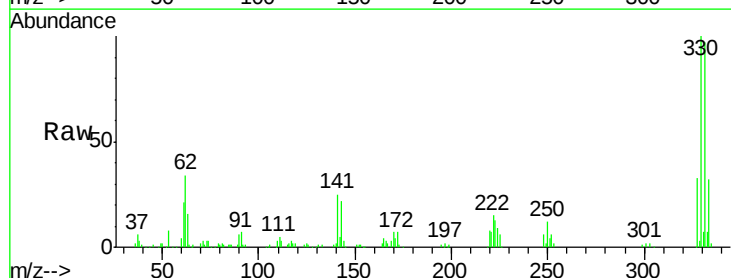


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

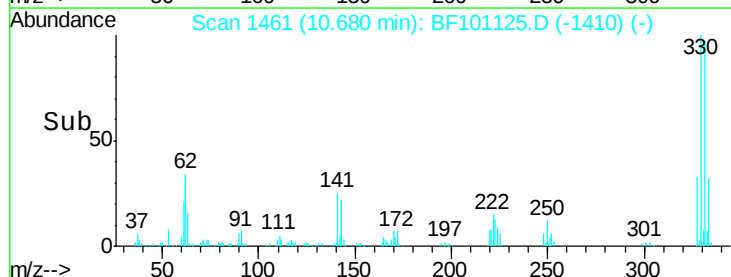
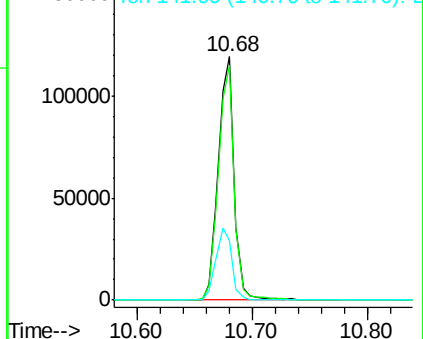


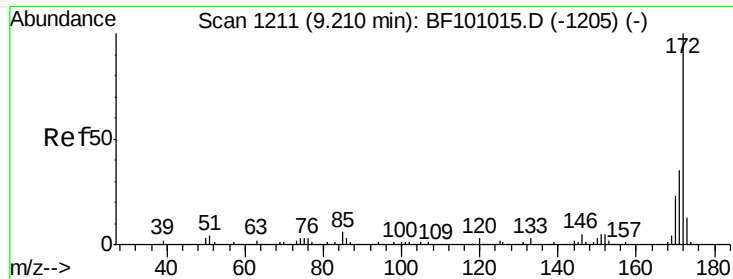
#41
2,4,6-Tribromophenol
Concen: 99.73 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101125.D
Acq: 5 Dec 2017 15:38

Tgt Ion:330 Resp: 114565
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 29.7 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

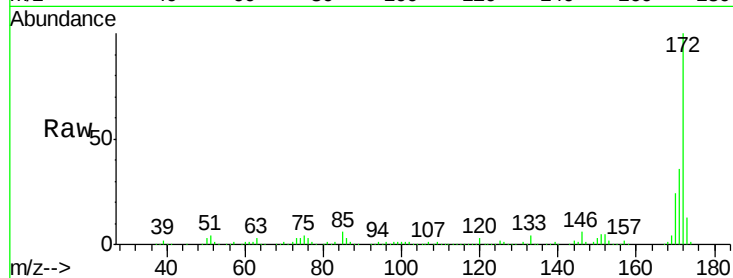




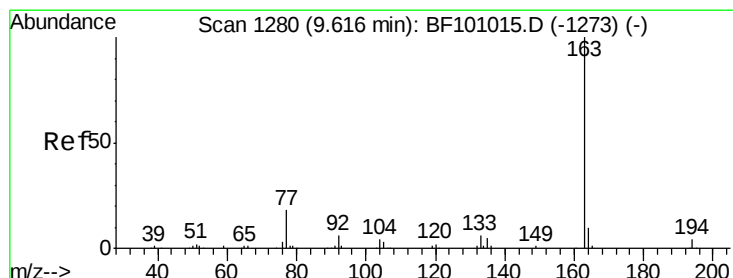
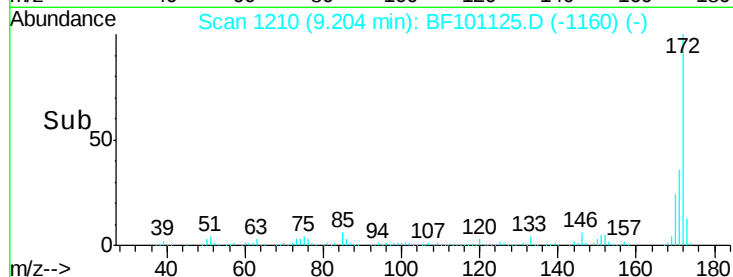
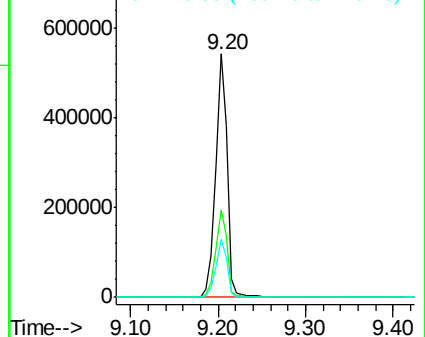
#44
2-Fluorobiphenyl
Concen: 71.53 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101125.D
Acq: 5 Dec 2017 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 499960
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.7 19.6 29.4

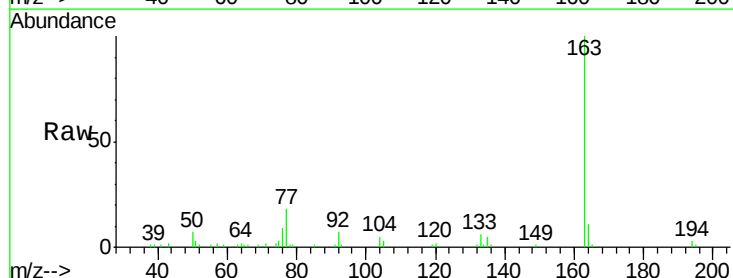


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

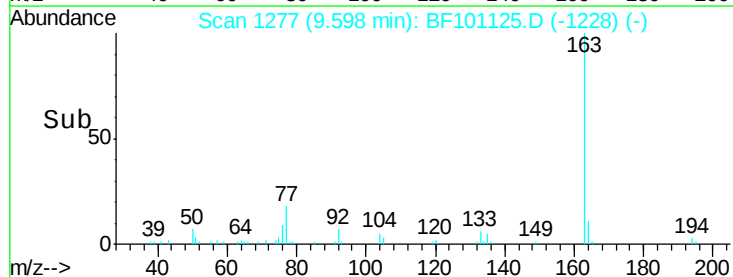
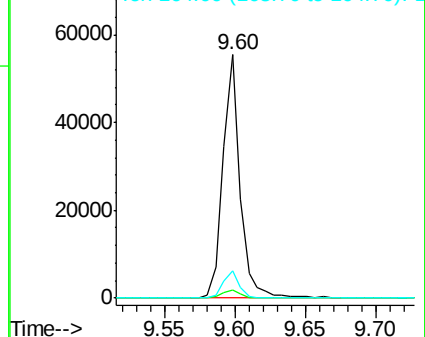


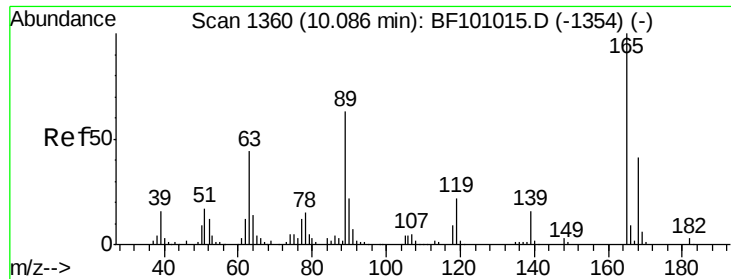
#49
Dimethylphthalate
Concen: 6.06 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101125.D
Acq: 5 Dec 2017 15:38

Tgt Ion:163 Resp: 46746
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.1 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

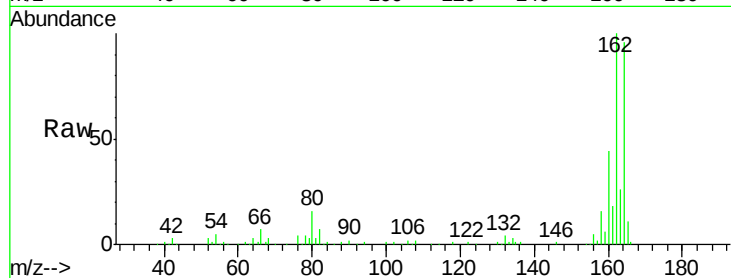




#56
 2,4-Dinitrotoluene
 Concen: 5.27 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF101125.D
 Acq: 5 Dec 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

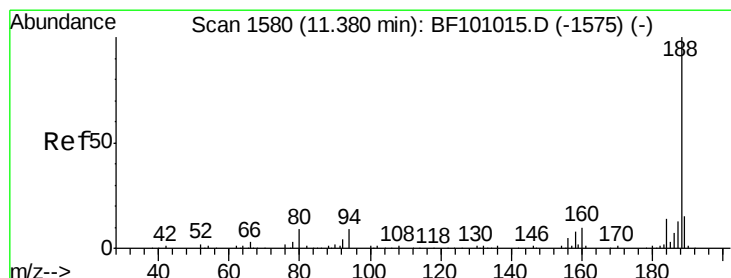
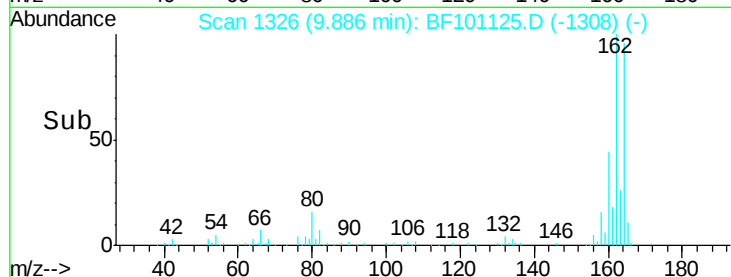
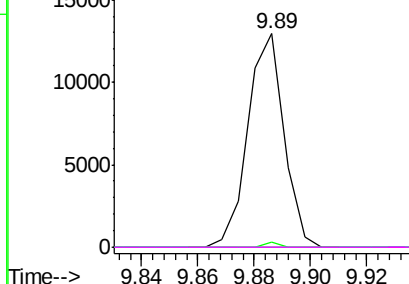


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

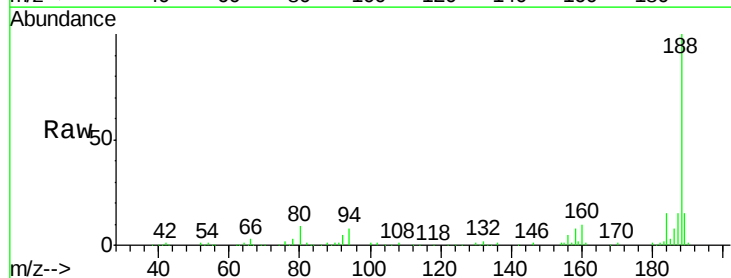
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101125.D
 Acq: 5 Dec 2017 15:38

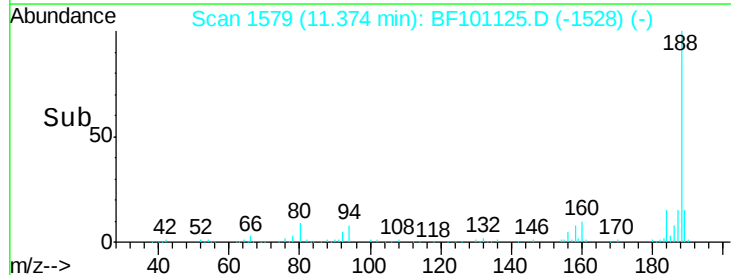
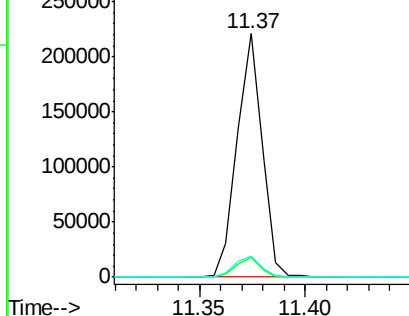
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.5	9.2	13.8#

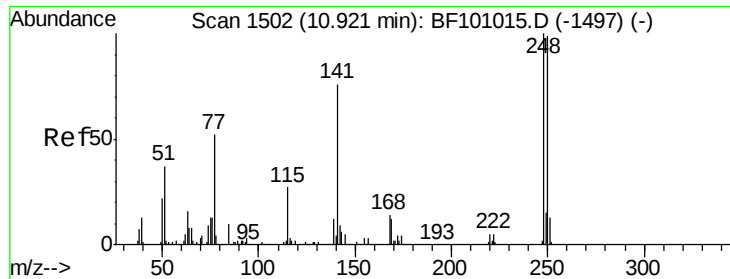


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

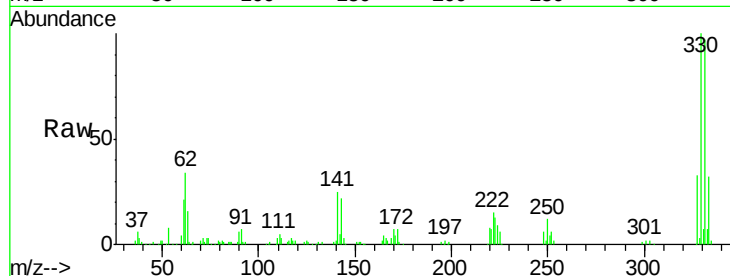




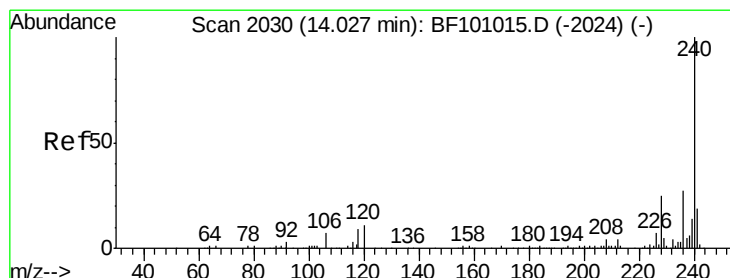
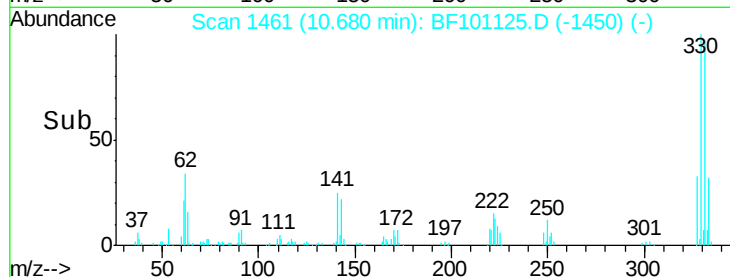
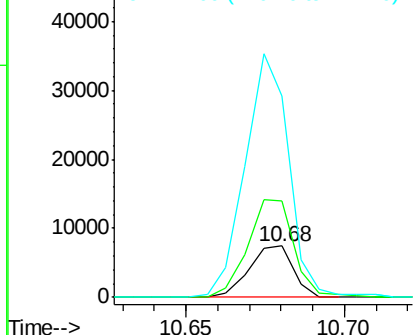
#66
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF101125.D
Acq: 5 Dec 2017 15:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7181
Ion Ratio Lower Upper
248 100
250 187.6 76.9 115.3#
141 395.0 74.4 111.6#

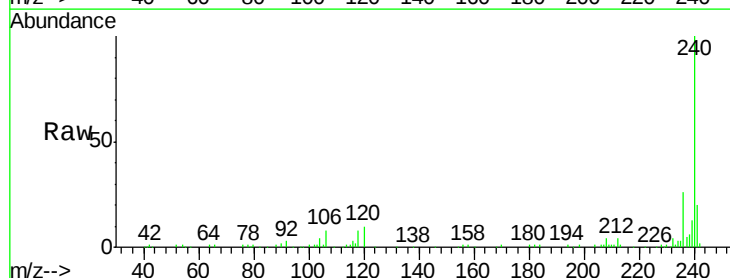


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

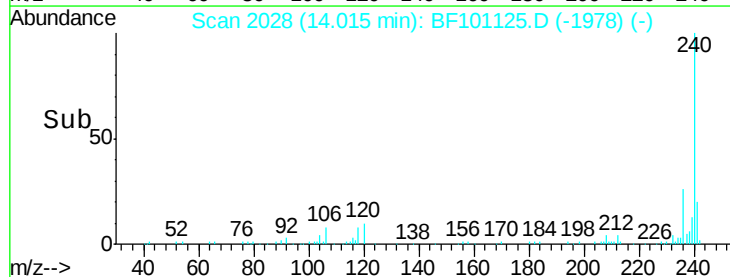
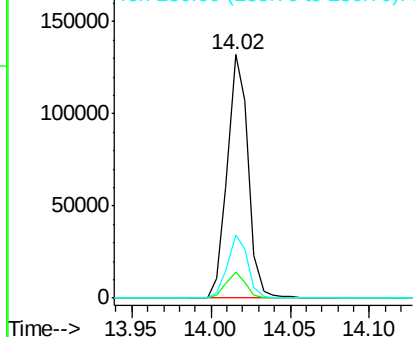


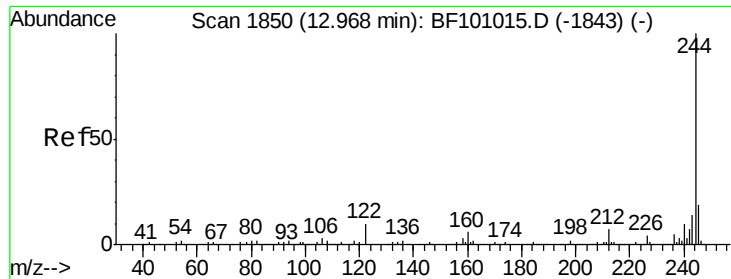
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101125.D
Acq: 5 Dec 2017 15:38

Tgt Ion:240 Resp: 121013
Ion Ratio Lower Upper
240 100
120 10.4 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

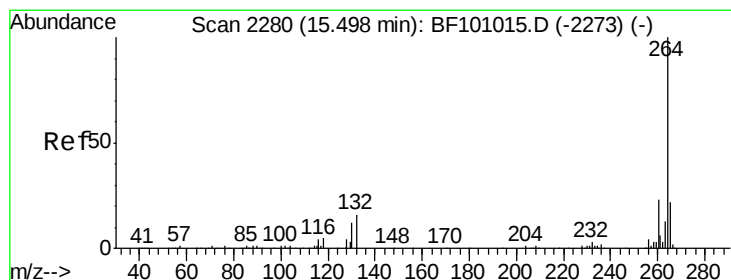
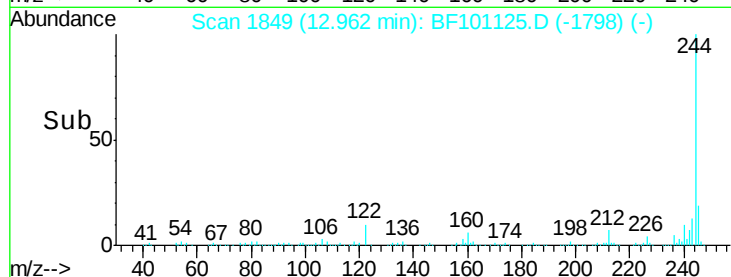
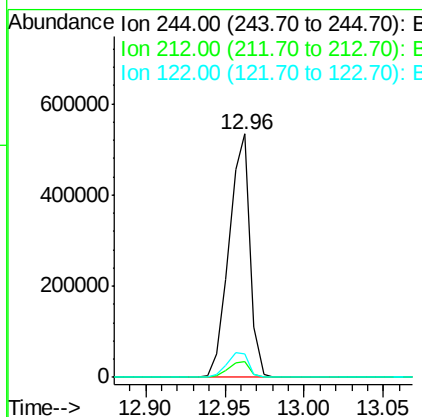
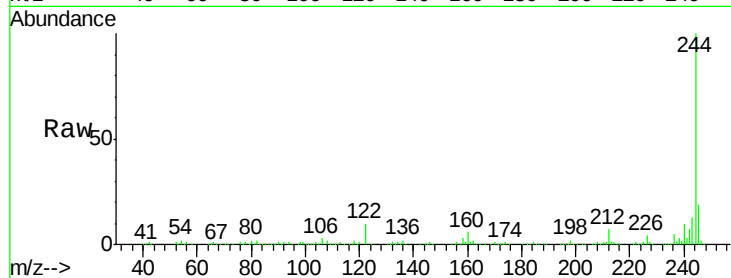




#78
 Terphenyl-d14
 Concen: 88.08 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101125.D
 Acq: 5 Dec 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 487290
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101125.D
 Acq: 5 Dec 2017 15:38

Tgt Ion:264 Resp: 111400
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.3 17.5 26.3

