

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101124.D
 Acq On : 5 Dec 2017 15:09
 Operator : SJ/JU
 Sample : I6718-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 15:56:08 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

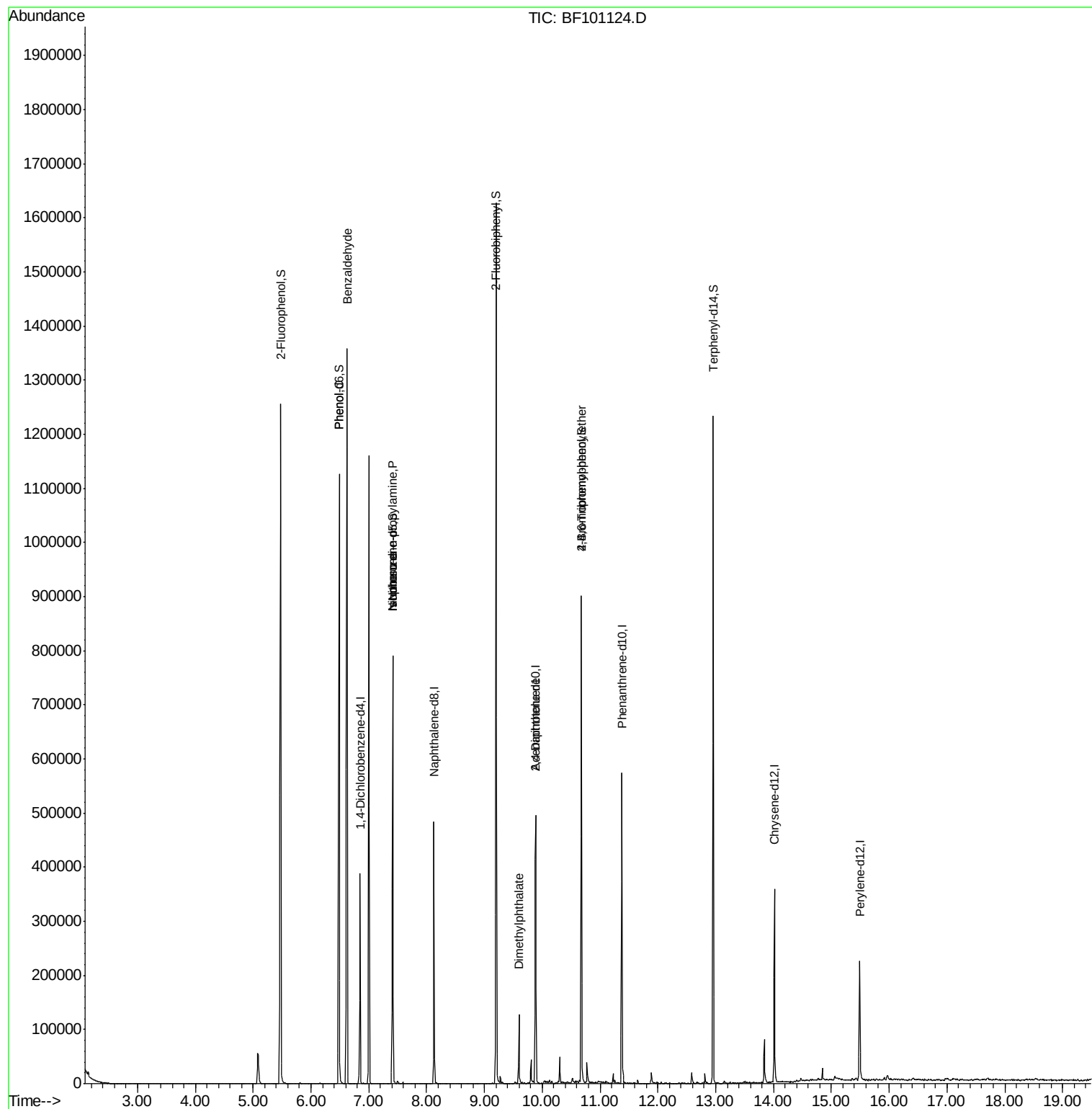
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53984	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210052	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99819	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	190755	20.00	ng	0.00
75) Chrysene-d12	14.02	240	120467	20.00	ng	0.00
86) Perylene-d12	15.49	264	114178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	349993	107.13	ng	0.01
7) Phenol-d6	6.49	99	421251	106.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	260469	73.97	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	123468	102.97	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	482259	66.10	ng	0.00
78) Terphenyl-d14	12.96	244	450140	81.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	7793	3.21	ng	88
10) Phenol	6.49	94	10432	2.37	ng	79
19) n-Nitroso-di-n-propylamine	7.42	70	34543	12.93	ng	# 78
25) Isophorone	7.42	82	260466	43.31	ng	# 64
49) Dimethylphthalate	9.60	163	56194	6.98	ng	99
56) 2,4-Dinitrotoluene	9.89	165	12484	5.49	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	7576	3.55	ng	# 1

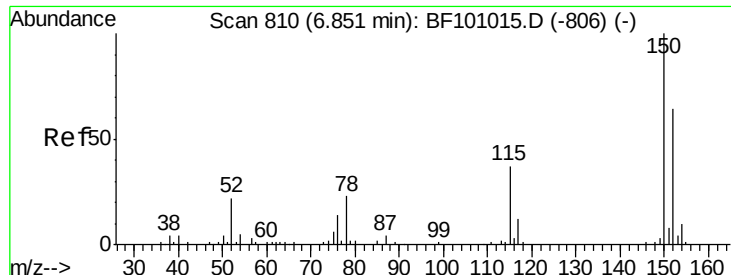
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101124.D
Acq On : 5 Dec 2017 15:09
Operator : SJ/JU
Sample : I6718-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 05 15:56:08 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



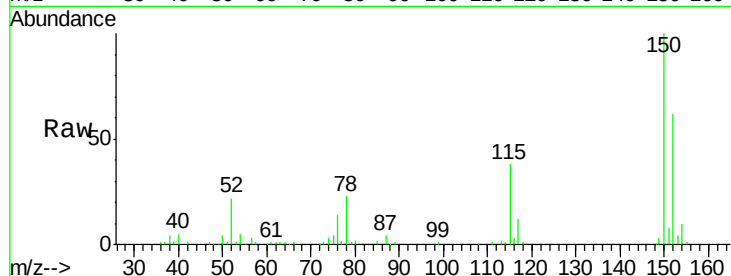


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	61.7	50.1	75.1

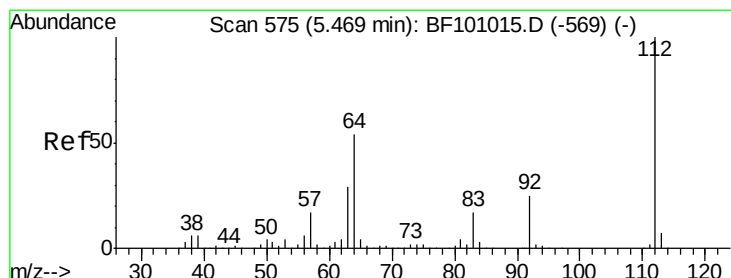
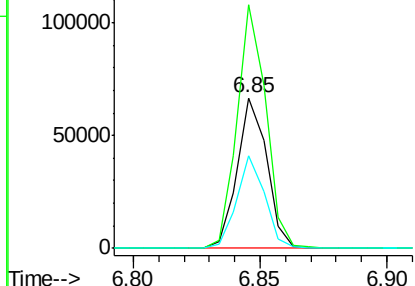
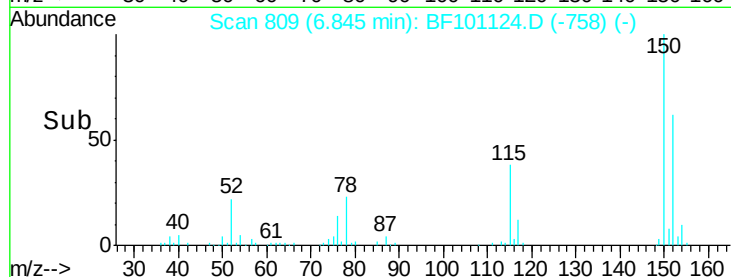


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

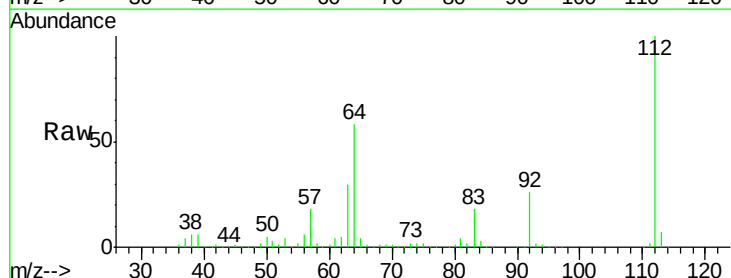
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.13 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	30.4	23.7	35.5

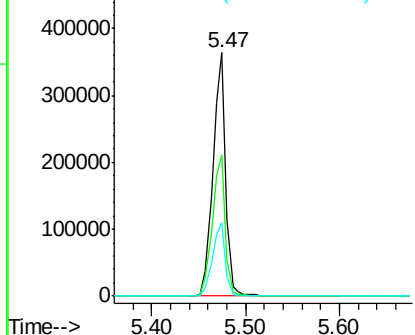
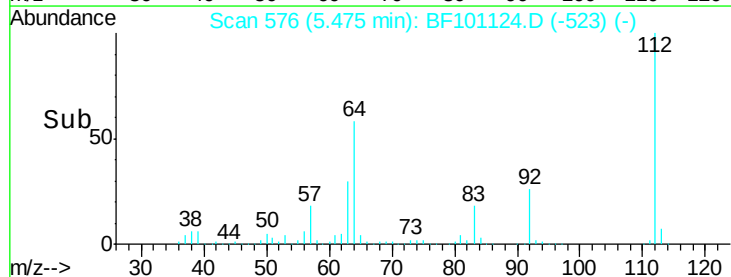


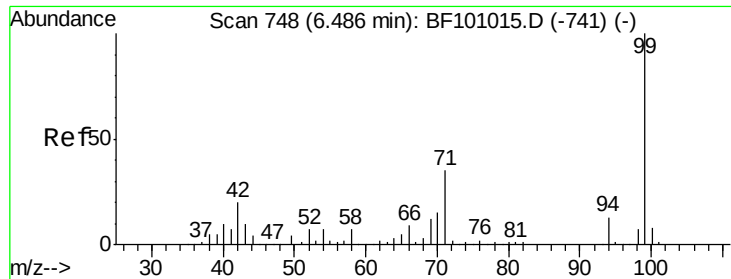
Abundance

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: 106.21 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

Instrument :

BNA_F

ClientSampleId :

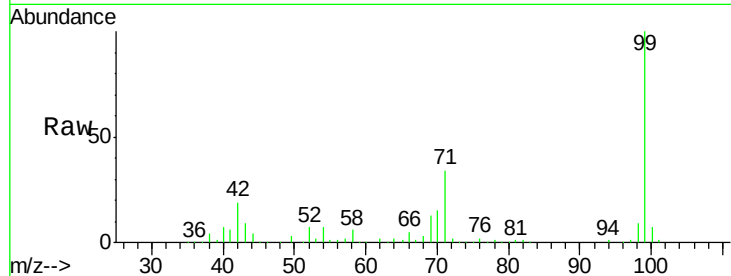
Tot Ion: 99 Resp: 421251

Ion Ratio Lower Upper

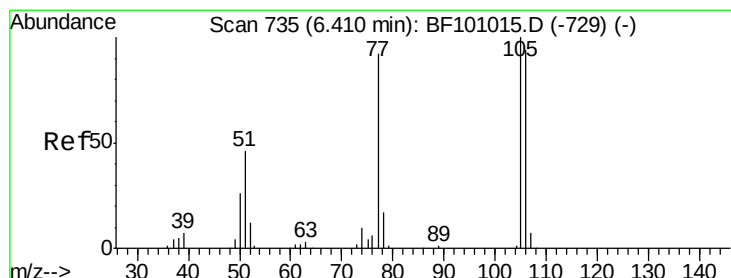
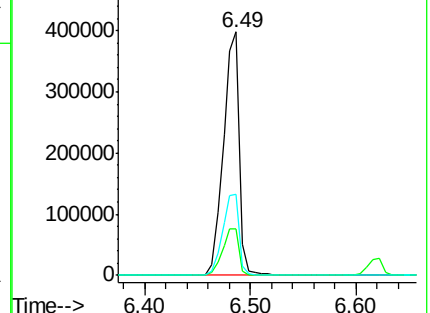
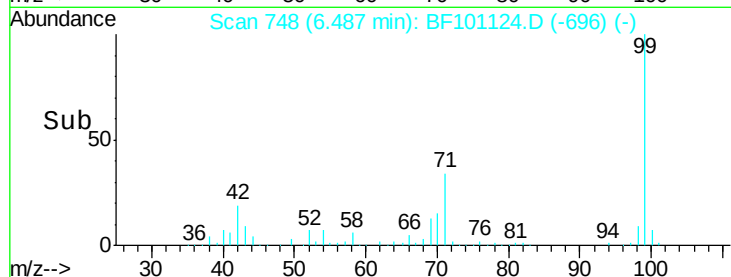
99 100

42 19.1 14.5 21.7

71 33.5 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: 3.21 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

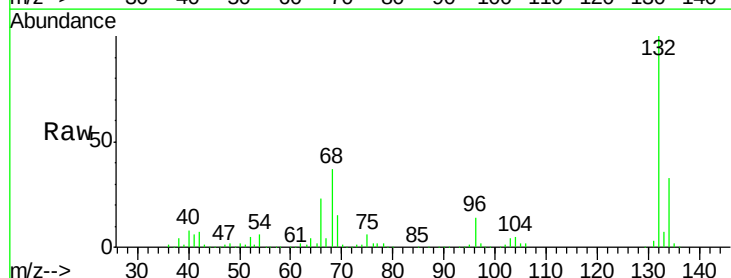
Tgt Ion: 77 Resp: 7793

Ion Ratio Lower Upper

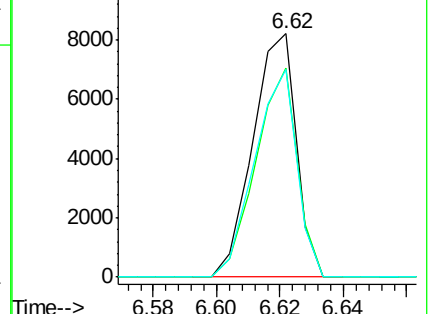
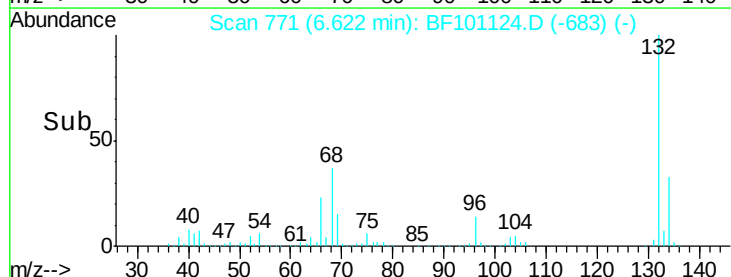
77 100

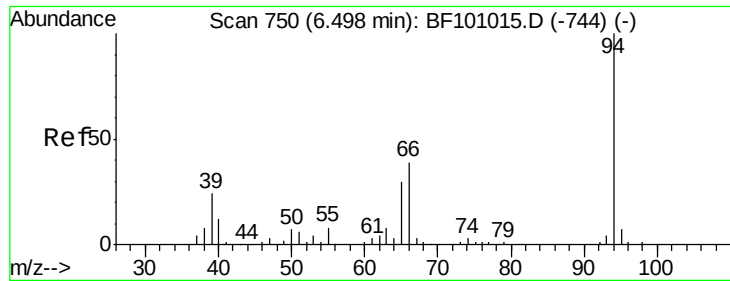
105 85.9 81.1 121.1

106 85.4 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

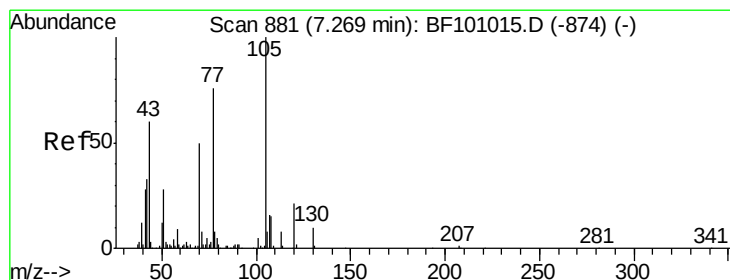
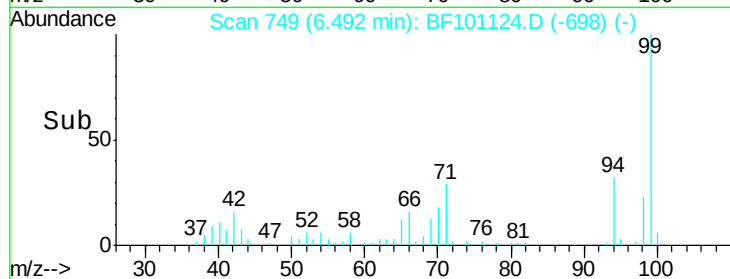
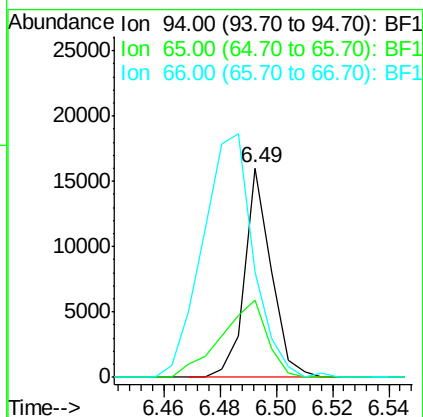
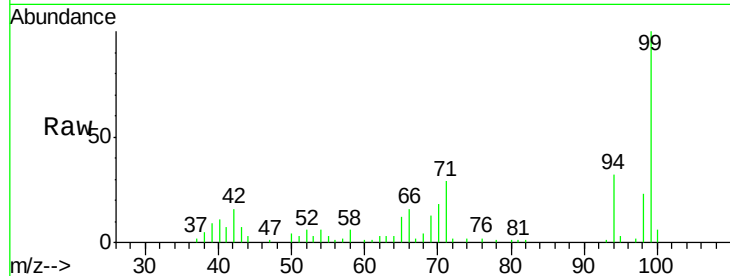




#10
Phenol
Concen: 2.37 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

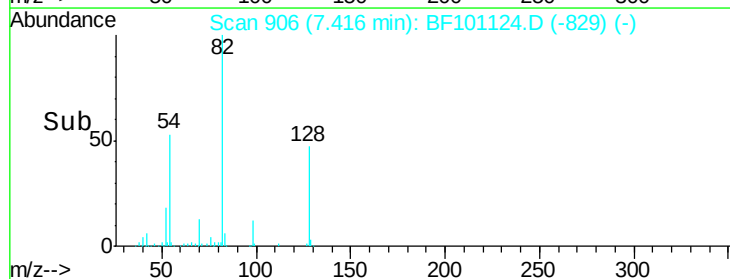
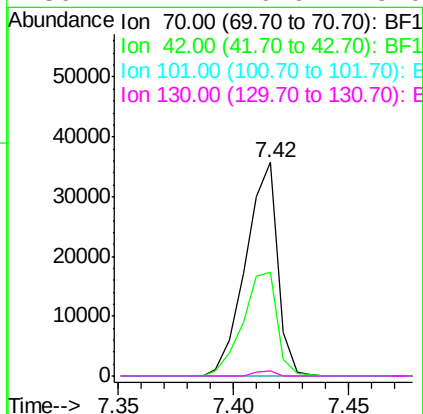
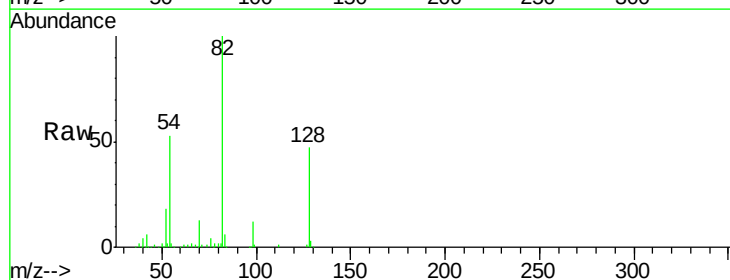
Instrument :
BNA_F
ClientSampled :

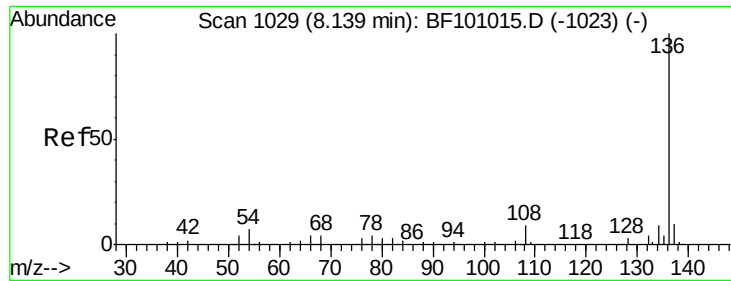
Tot Ion: 94 Resp: 10432
Ion Ratio Lower Upper
94 100
65 36.7 7.9 47.9
66 50.2 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.93 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion: 70 Resp: 34543
Ion Ratio Lower Upper
70 100
42 48.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

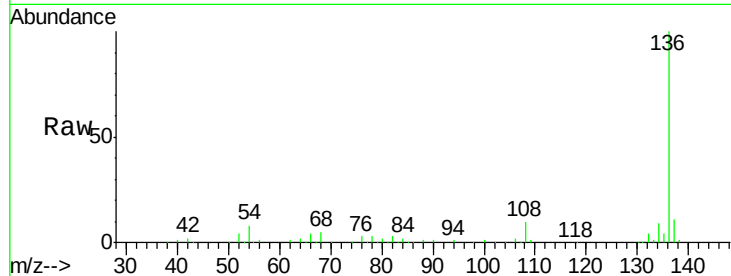




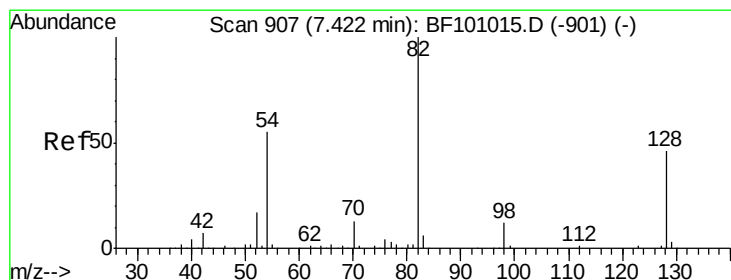
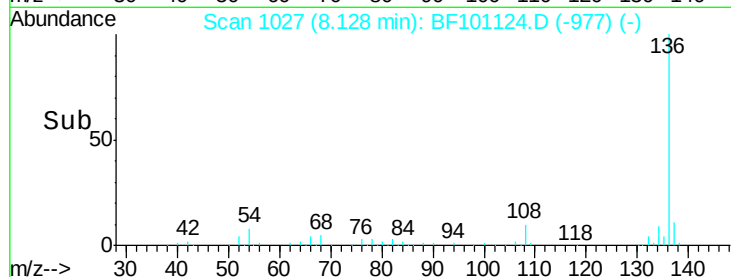
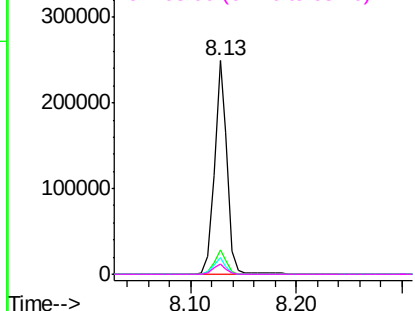
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	210052
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.7	6.6 9.8
68	4.7	5.0 7.4#

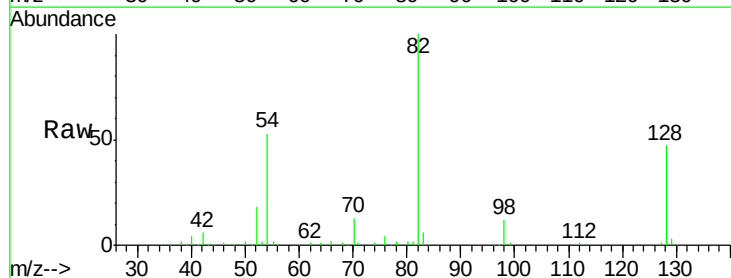


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

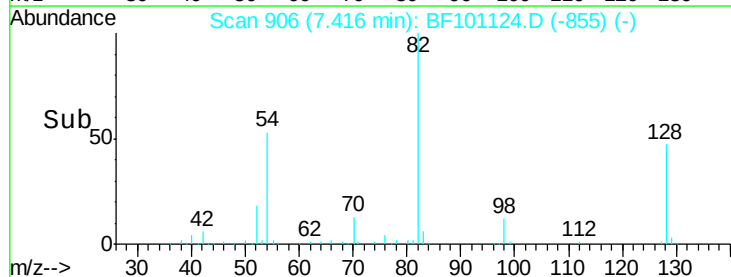
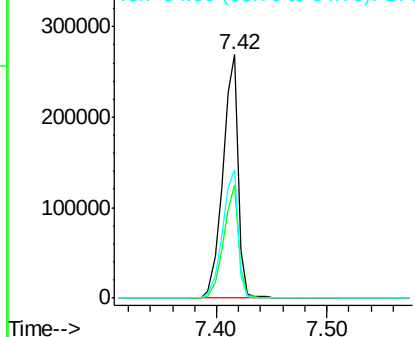


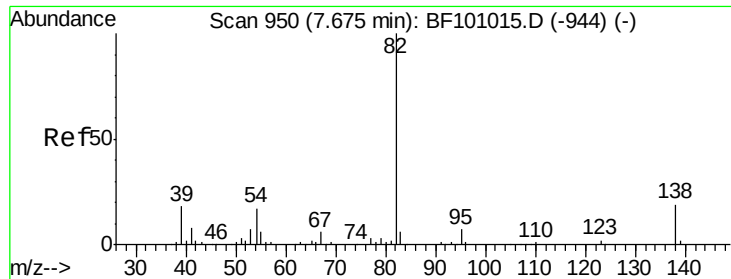
#23
Nitrobenzene-d5
Concen: 73.97 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion: 82	Resp:	260469
Ion Ratio	Lower	Upper
82	100	
128	46.6	36.1 54.1
54	52.7	41.4 62.2



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

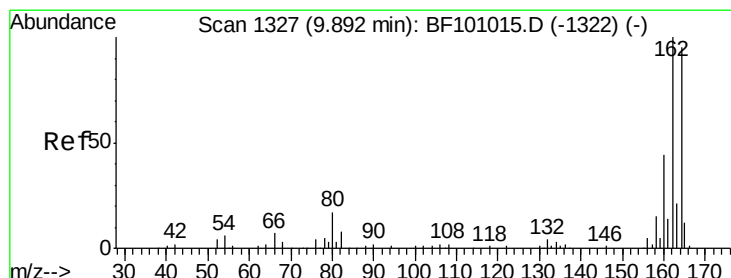
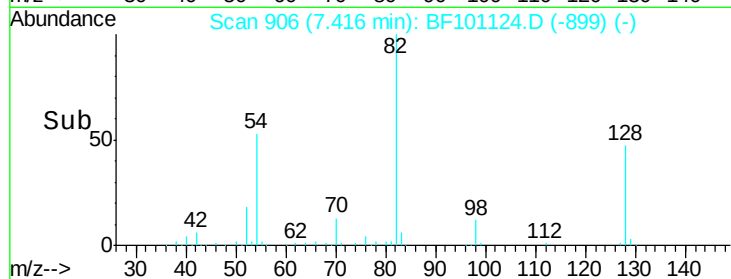
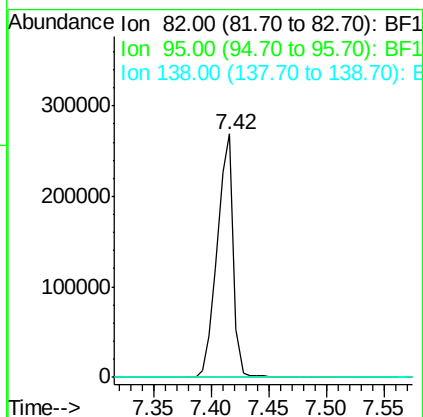
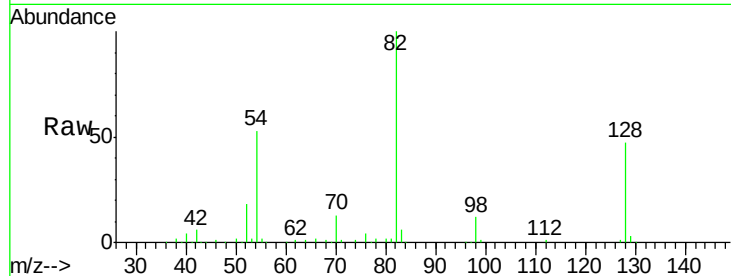




#25
Isophorone
Concen: 43.31 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

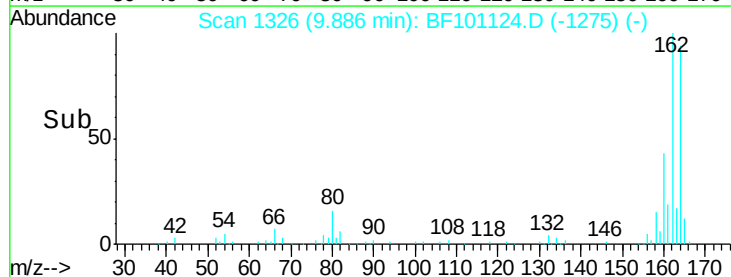
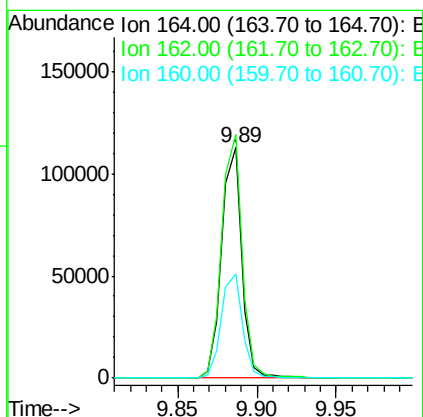
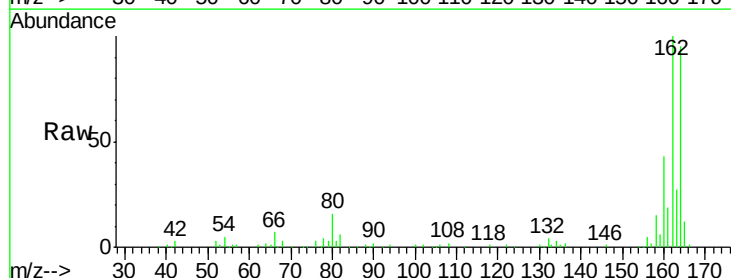
Instrument :
BNA_F
ClientSampleId :

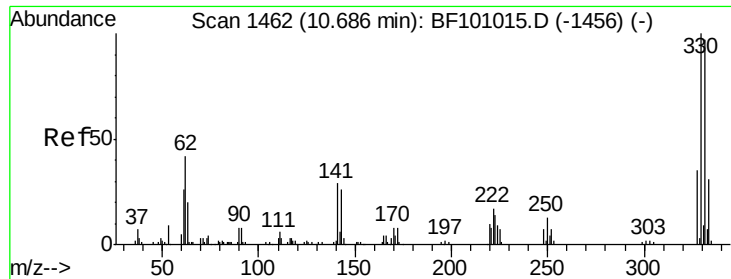
Tot Ion: 82 Resp: 260466
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion:164 Resp: 99819
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 45.4 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 102.97 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

Instrument :

BNA_F

ClientSampleId :

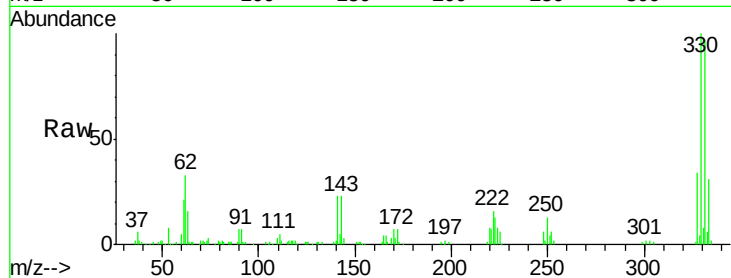
Tot Ion:330 Resp: 123468

Ion Ratio Lower Upper

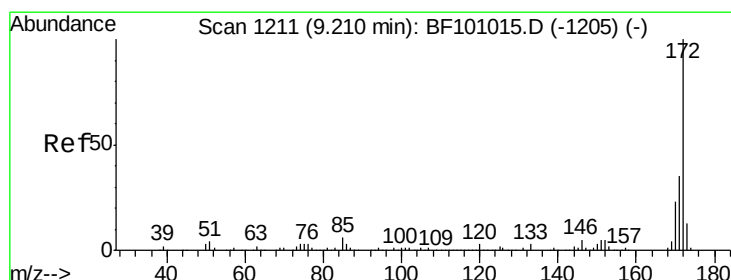
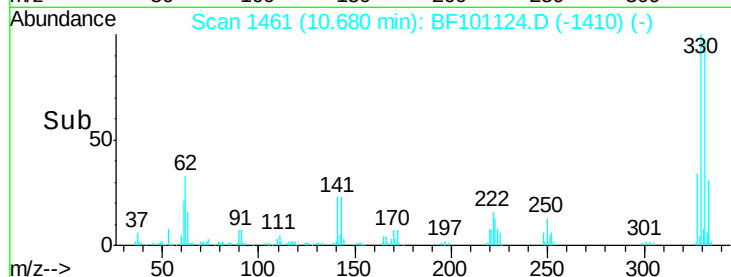
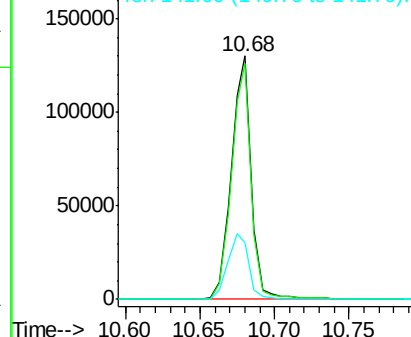
330 100

332 96.2 77.0 115.6

141 28.6 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: 66.10 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF101124.D

Acq: 5 Dec 2017 15:09

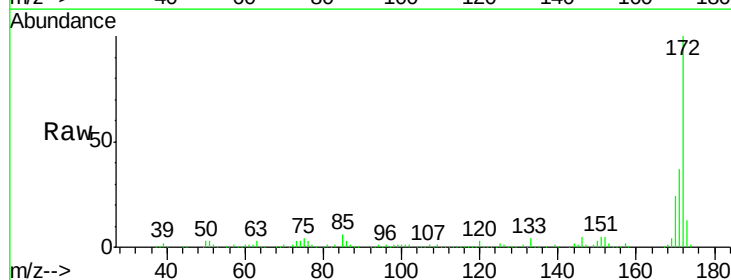
Tgt Ion:172 Resp: 482259

Ion Ratio Lower Upper

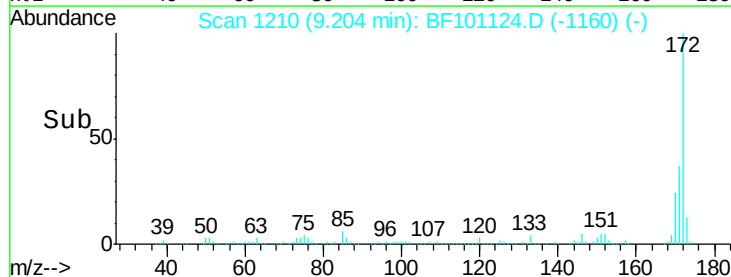
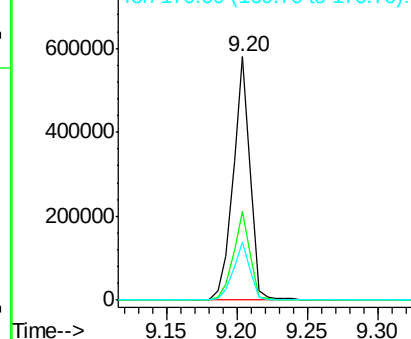
172 100

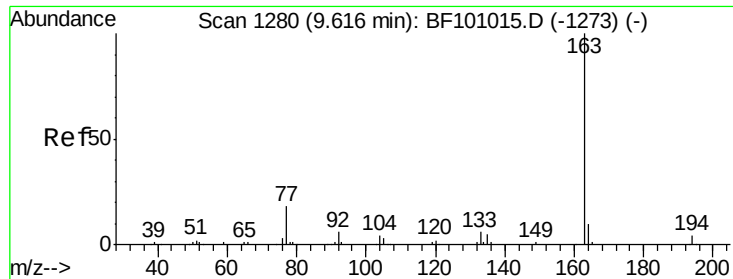
171 36.5 29.7 44.5

170 23.8 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

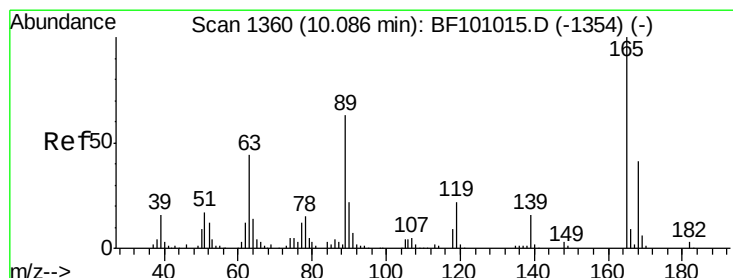
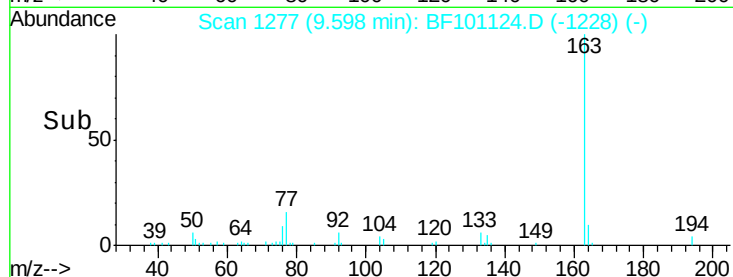
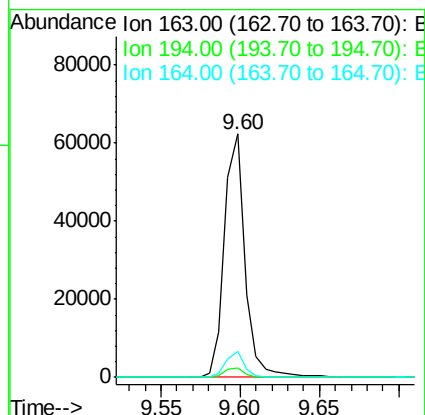
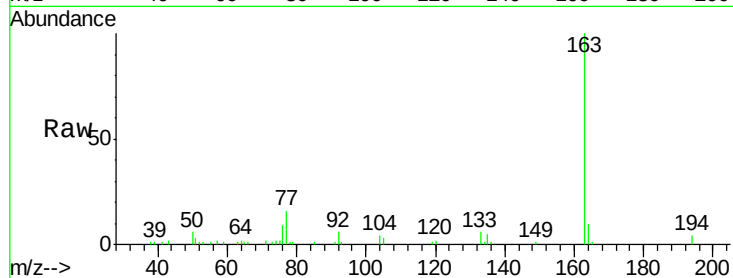




#49
Dimethylphthalate
Concen: 6.98 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

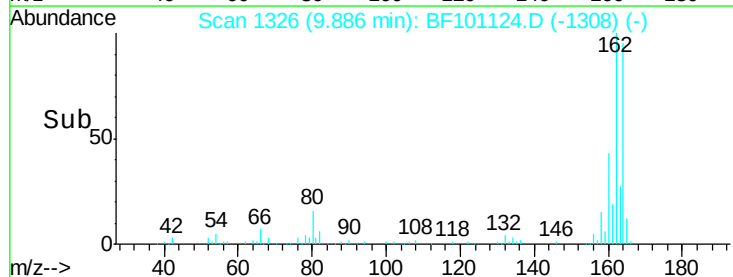
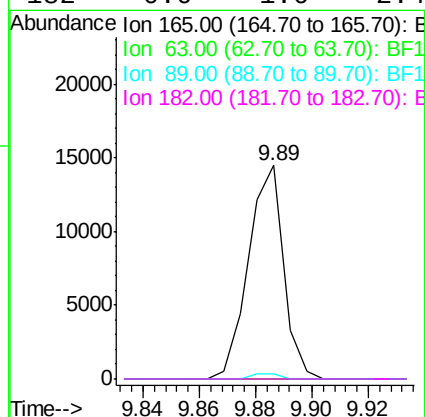
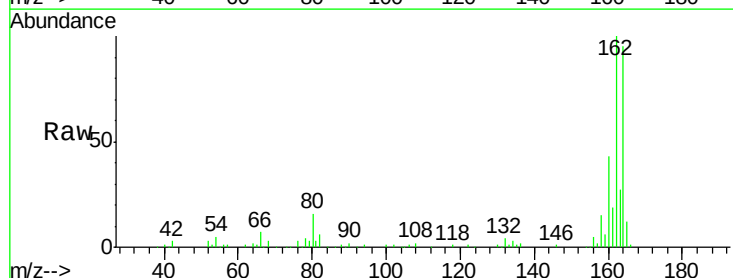
Instrument :
BNA_F
ClientSampleId :

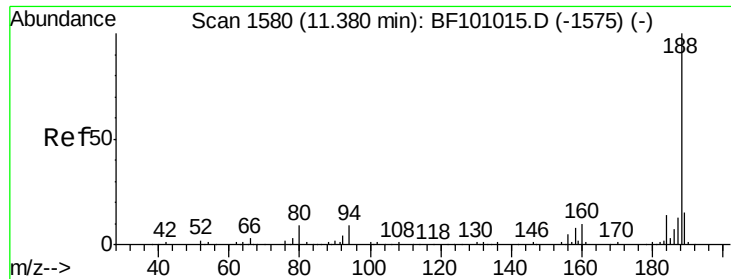
Tot Ion:163 Resp: 56194
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion:165 Resp: 12484
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 2.5 57.8 86.6#
182 0.0 1.6 2.4#

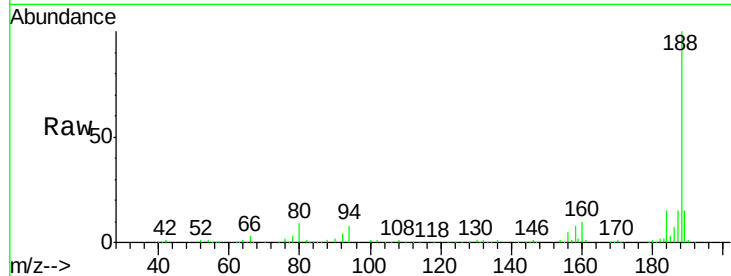




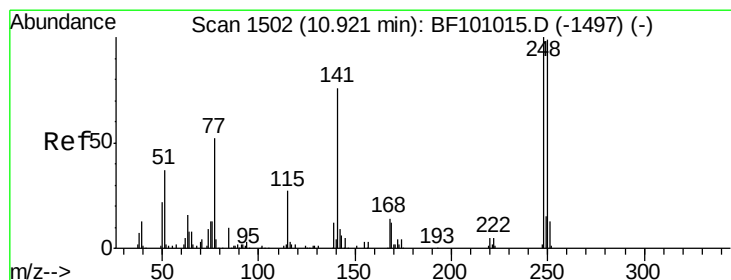
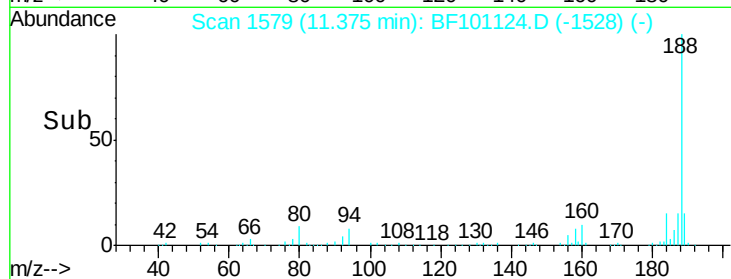
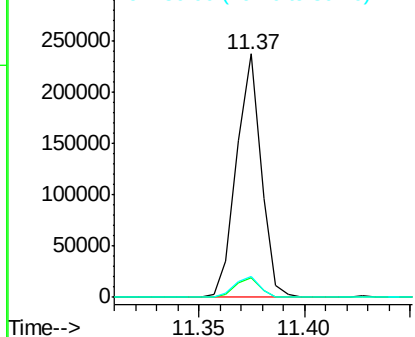
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.6	9.2	13.8#

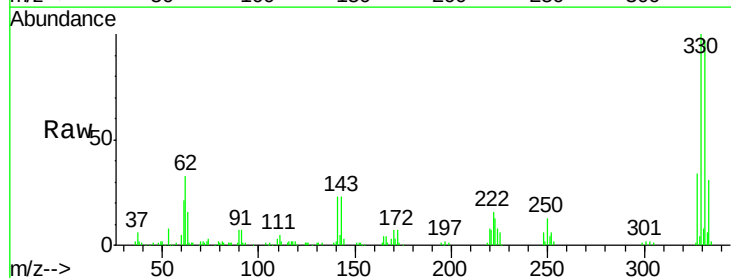


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

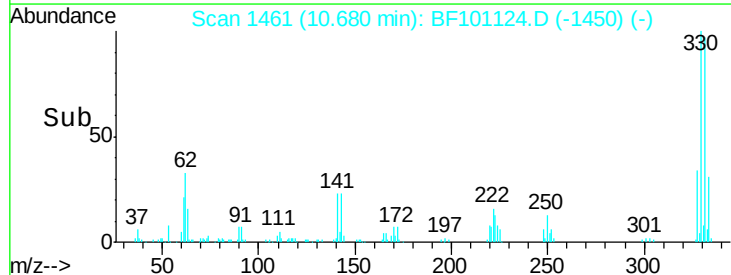
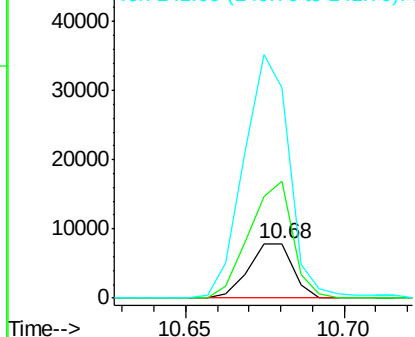


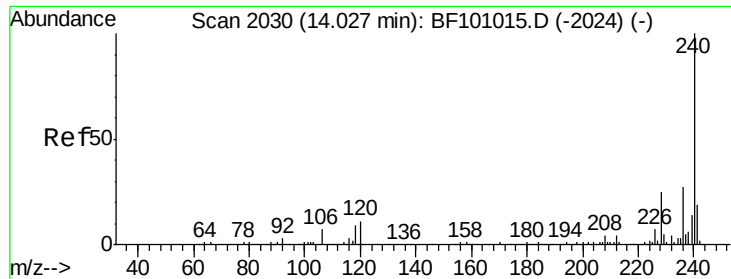
#66
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.23 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion	Ratio	Lower	Upper
248	100		
250	215.1	76.9	115.3#
141	387.3	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

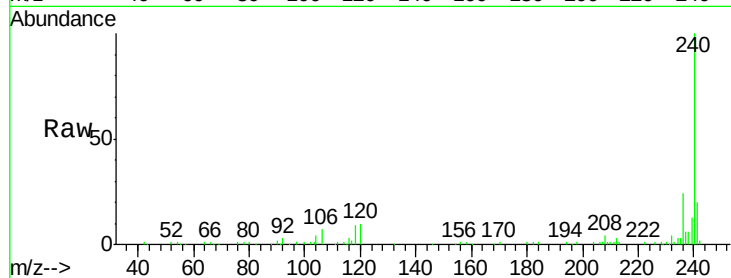




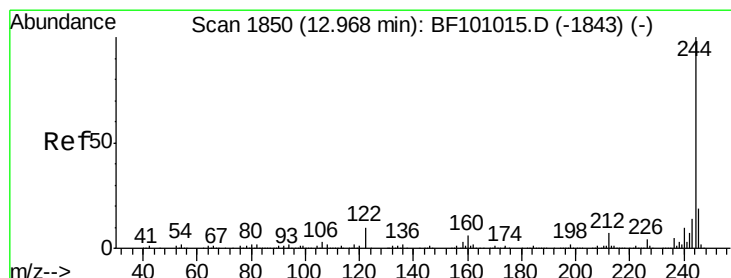
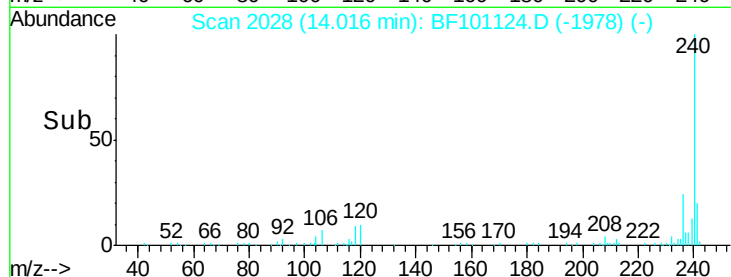
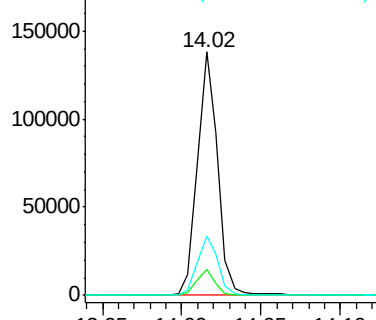
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 120467
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 24.2 20.7 31.1

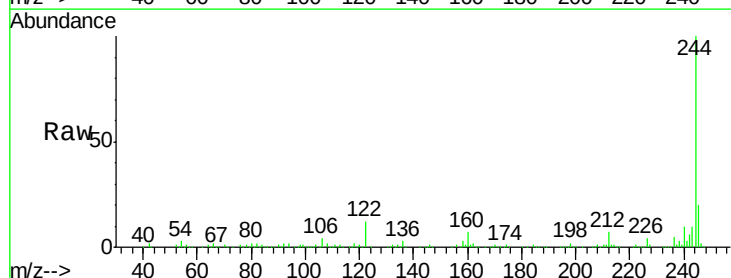


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

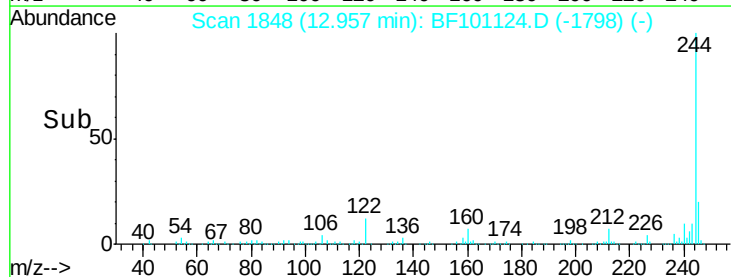
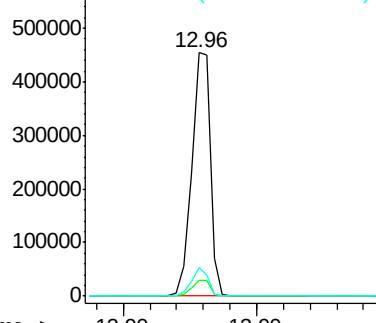


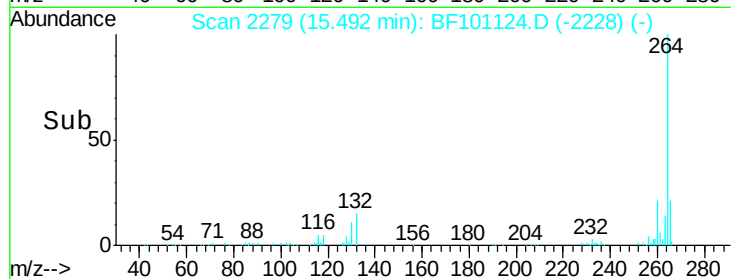
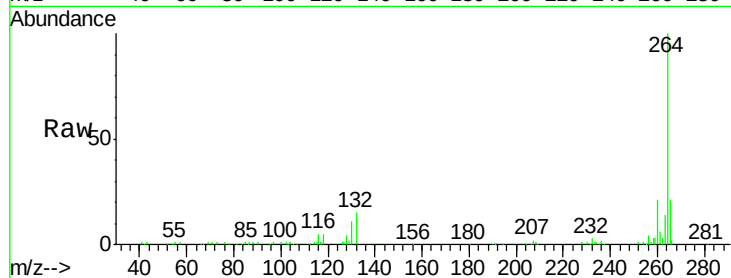
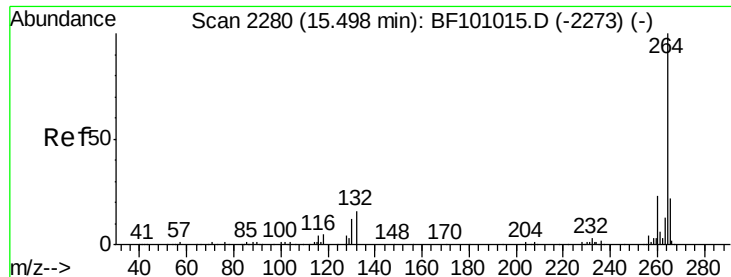
#78
Terphenyl-d14
Concen: 81.73 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101124.D
Acq: 5 Dec 2017 15:09

Tgt Ion:244 Resp: 450140
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.8 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





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101124.D
 Acq: 5 Dec 2017 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.2	28.8
265	21.1	17.5	26.3

