

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108602.D
 Acq On : 29 Aug 2018 14:11
 Operator : JU/SJ
 Sample : J4648-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 15:58:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

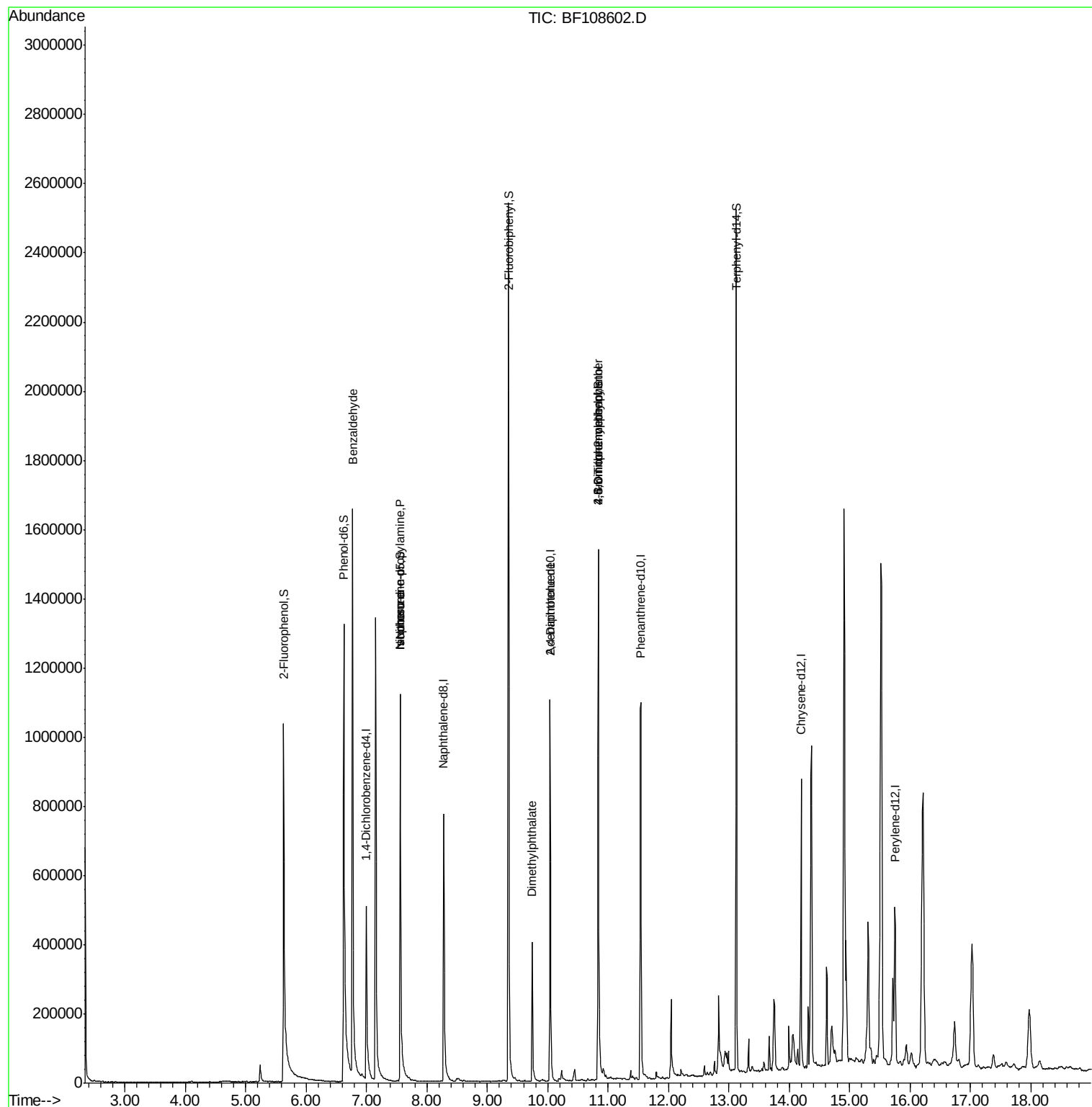
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	118134	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	473910	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	238069	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	480825	20.00	ng	0.00
75) Chrysene-d12	14.19	240	294032	20.00	ng	0.00
86) Perylene-d12	15.75	264	251087	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	481006	73.72	ng	0.00
7) Phenol-d6	6.62	99	730397	84.23	ng	0.00
23) Nitrobenzene-d5	7.56	82	477604	56.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	222858	93.85	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	897524	60.53	ng	-0.01
78) Terphenyl-d14	13.12	244	861122	74.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	14109	2.099	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.56	70	62964	10.738	ng	# 82
25) Isophorone	7.56	82	477604	29.504	ng	# 64
49) Dimethylphthalate	9.75	163	211227	12.737	ng	98
56) 2,4-Dinitrotoluene	10.04	165	30299	6.784	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	354	5.533	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13786	2.638	ng	# 1

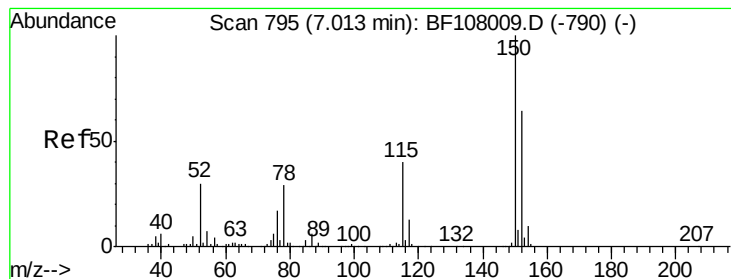
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108602.D
Acq On : 29 Aug 2018 14:11
Operator : JU/SJ
Sample : J4648-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 29 15:58:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



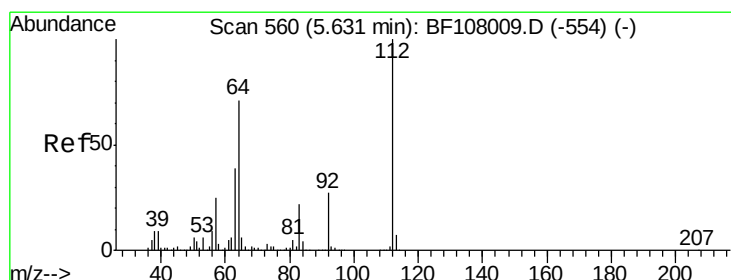
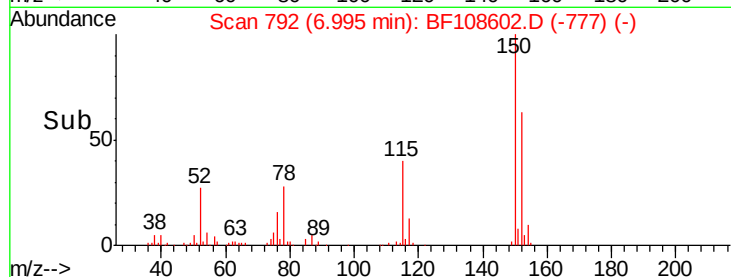
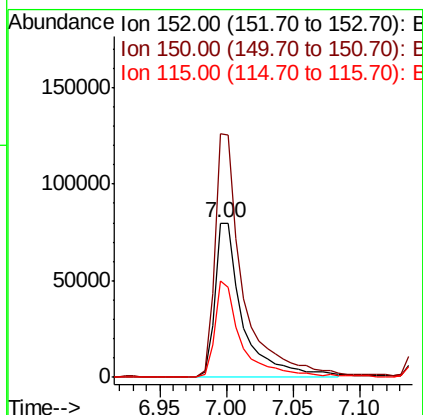
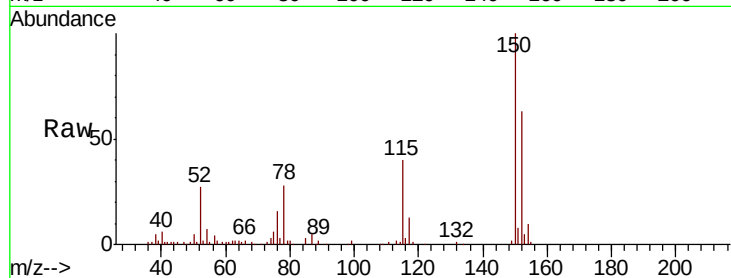


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Instrument :
BNA_F
ClientSampleId :

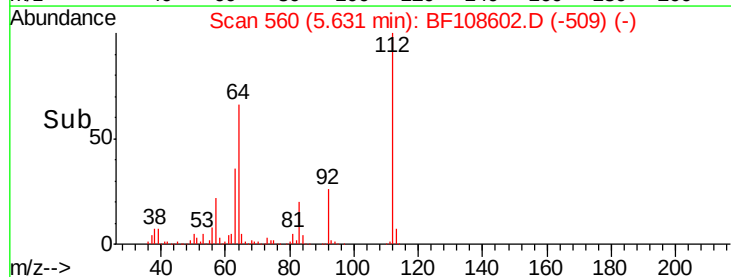
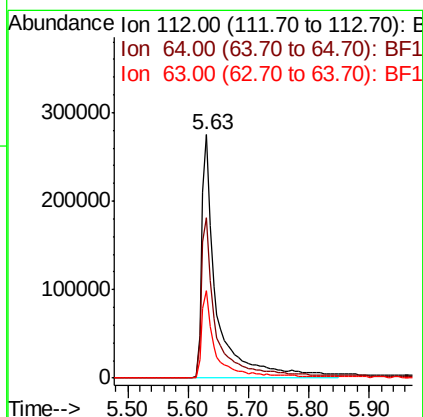
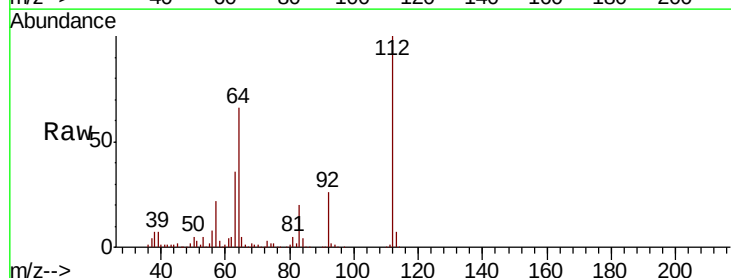
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.4	50.1	75.1

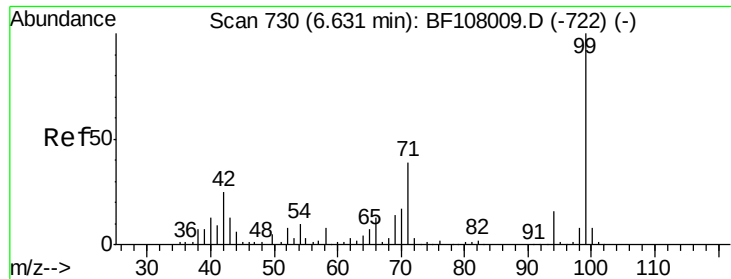


#5

2-Fluorophenol
Concen: 73.716 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	35.8	23.7	35.5#





#7

Phenol-d6

Concen: 84.235 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108602.D

Acq: 29 Aug 2018 14:11

Instrument :

BNA_F

ClientSampled :

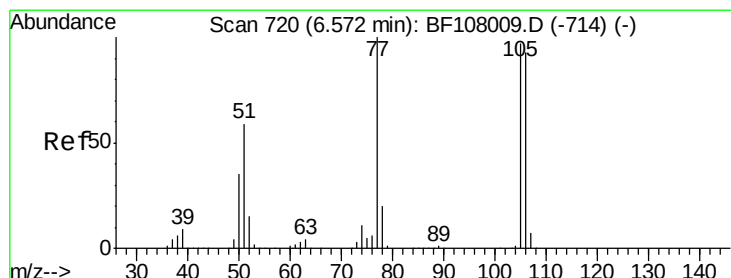
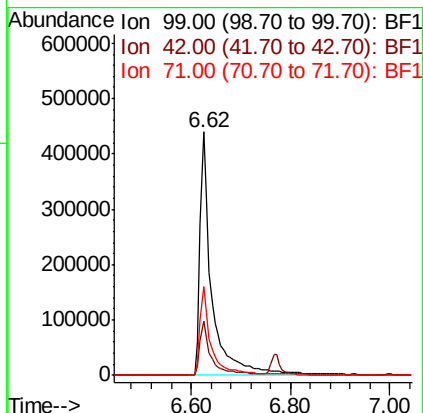
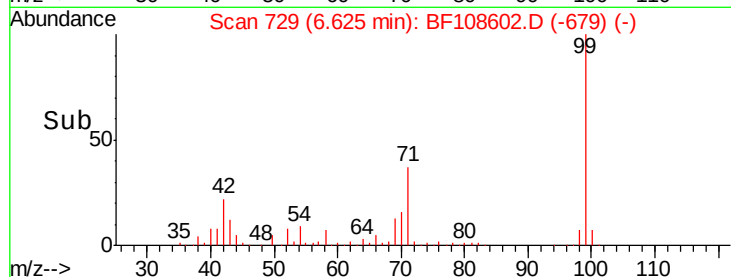
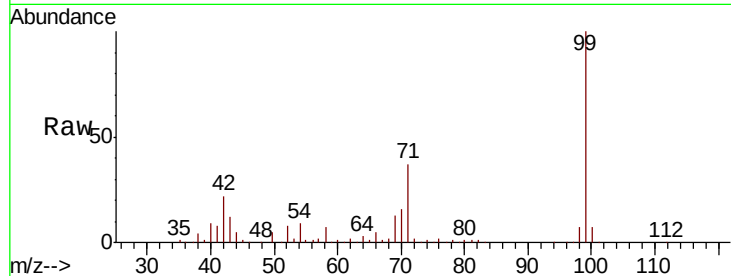
Tot Ion: 99 Resp: 730397

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

71 36.5 25.4 38.0



#9

Benzaldehyde

Concen: 2.099 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108602.D

Acq: 29 Aug 2018 14:11

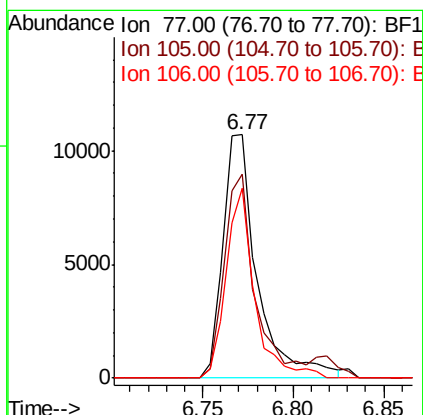
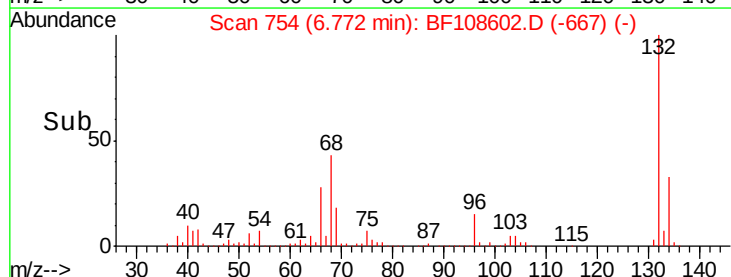
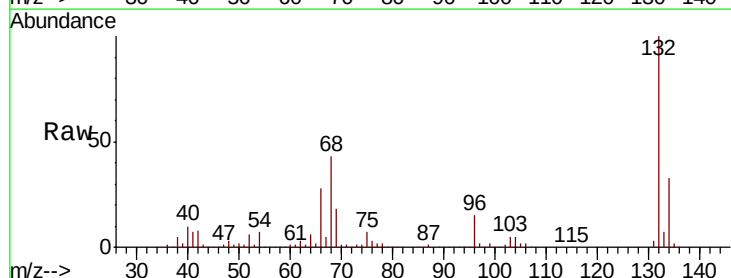
Tgt Ion: 77 Resp: 14109

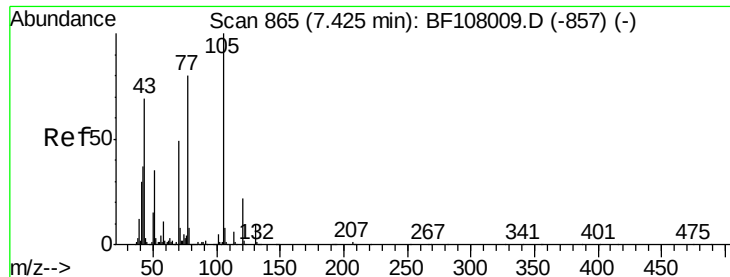
Ion Ratio Lower Upper

77 100

105 83.6 81.1 121.1

106 77.7 74.5 114.5

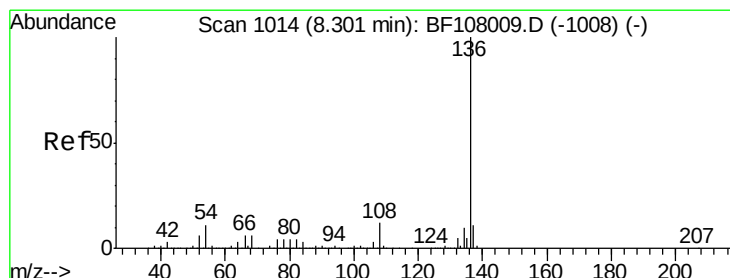
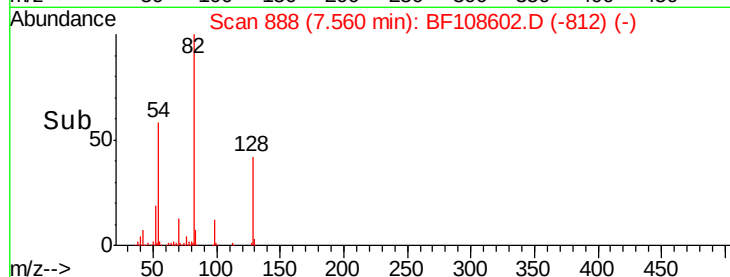
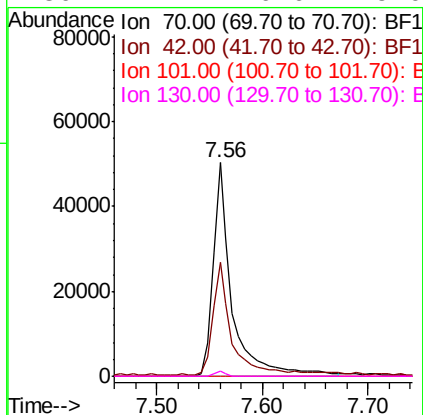
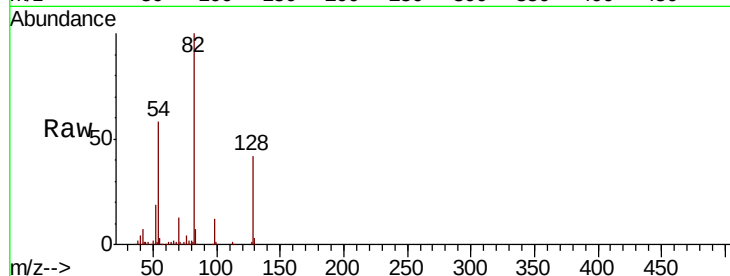




#19
n-Nitroso-di-n-propylamine
Concen: 10.738 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

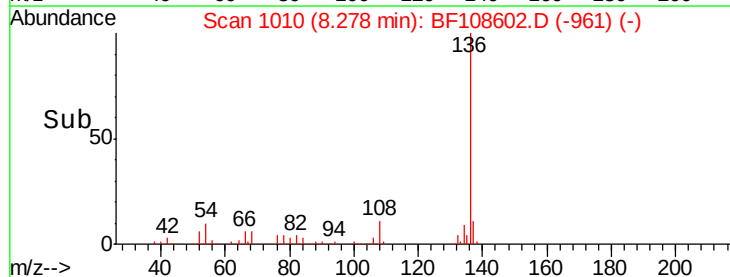
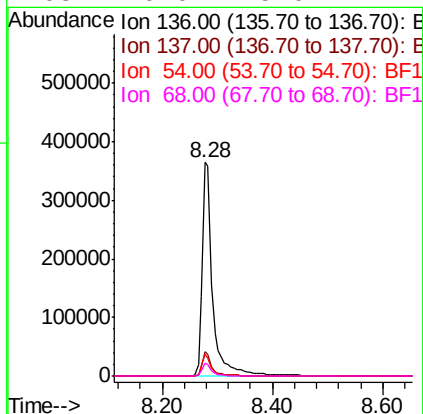
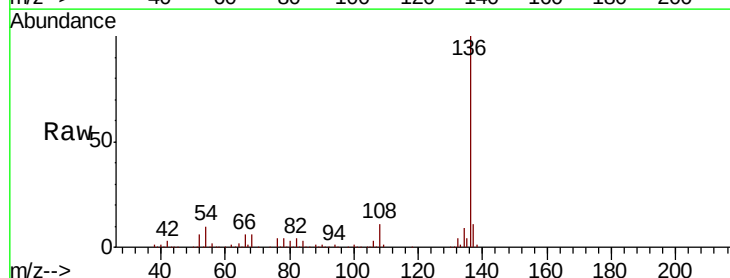
Instrument :
BNA_F
ClientSampleId :

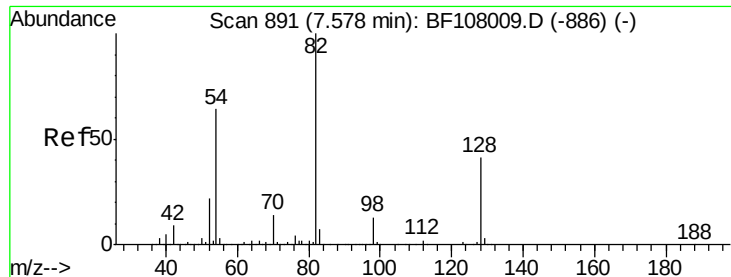
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.5	6.6	9.8#
68	6.0	5.0	7.4

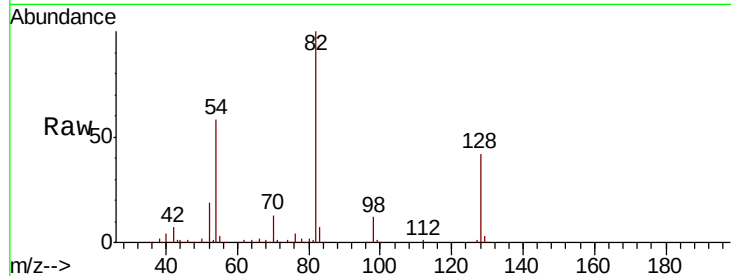




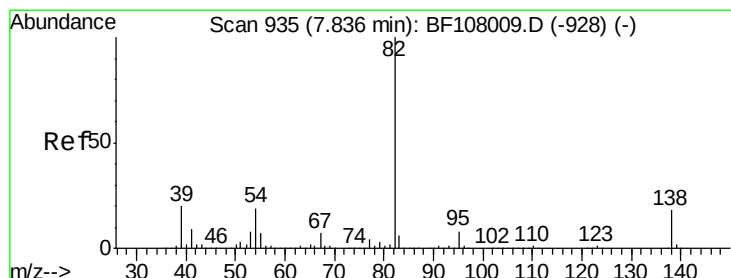
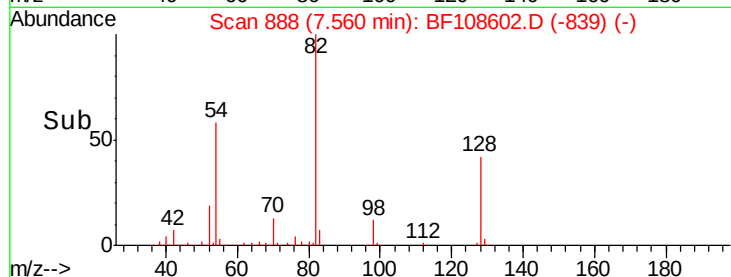
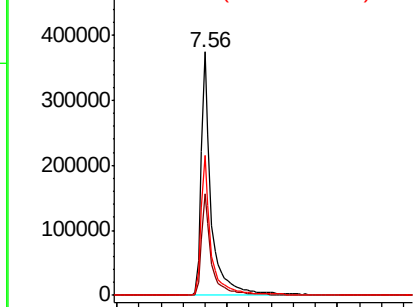
#23
Nitrobenzene-d5
Concen: 56.236 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 477604
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 57.7 41.4 62.2

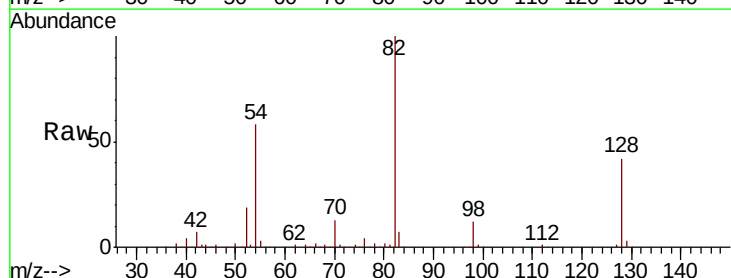


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

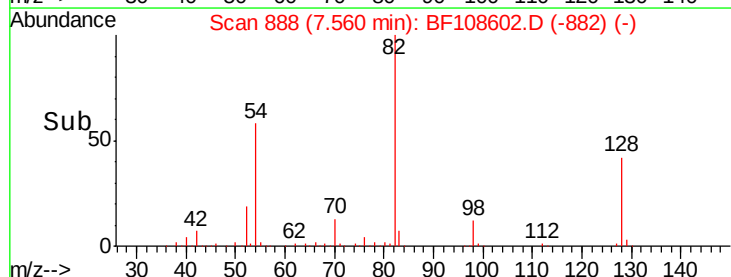
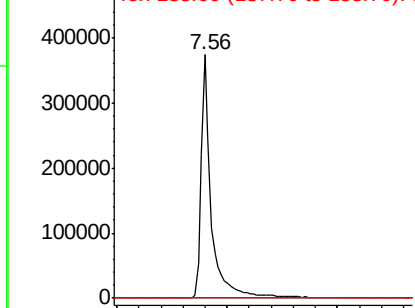


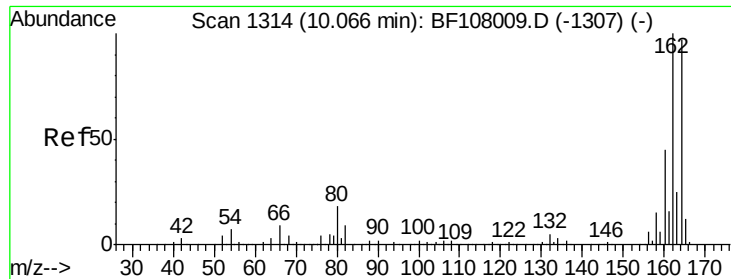
#25
Isophorone
Concen: 29.504 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Tgt Ion: 82 Resp: 477604
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

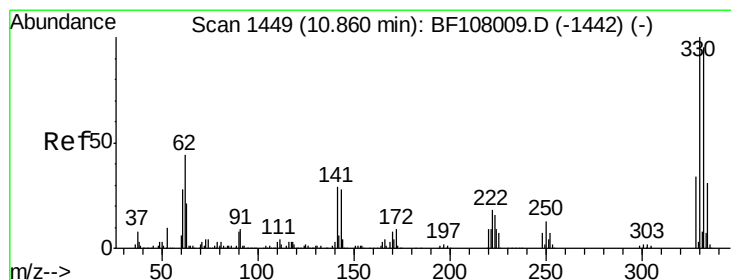
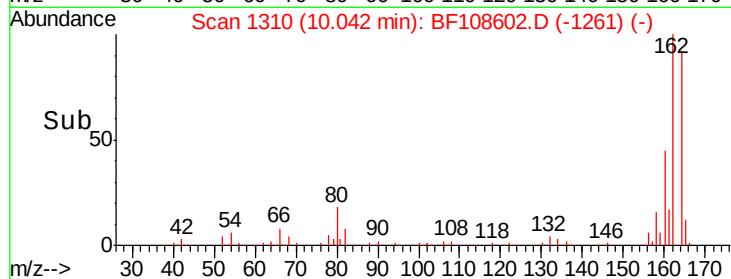
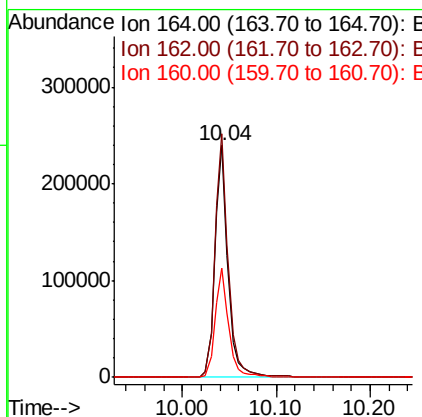
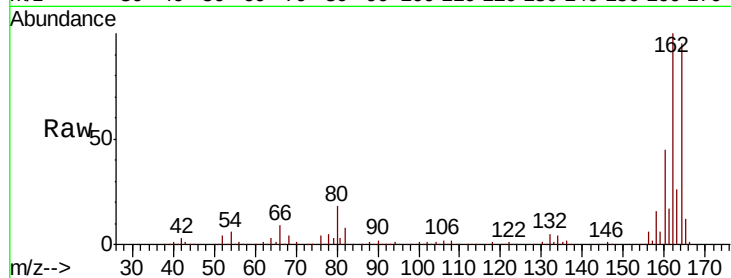




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

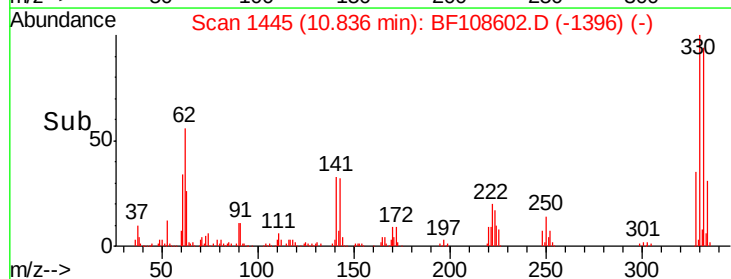
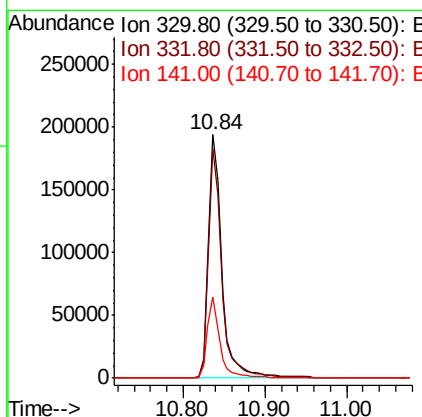
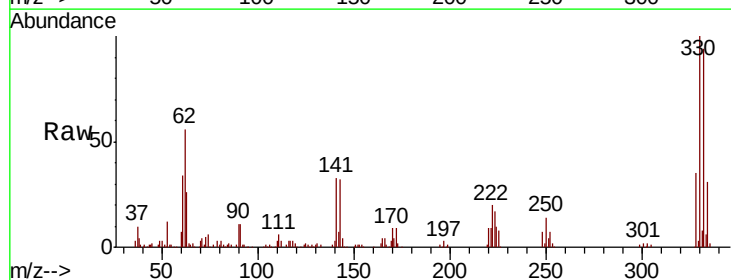
Instrument :
 BNA_F
 ClientSampleId :

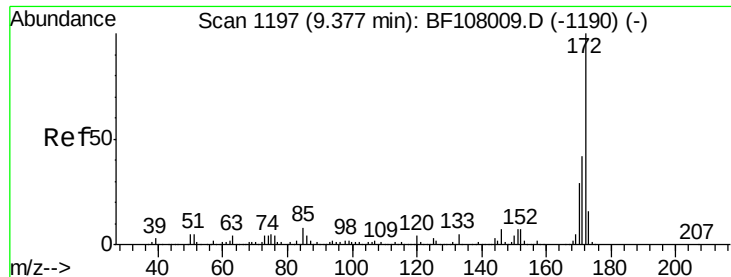
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 93.848 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	32.2	29.9	44.9

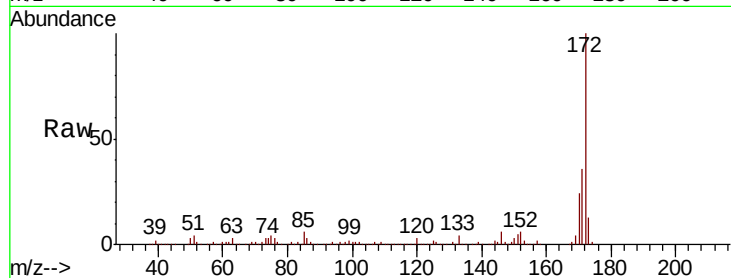




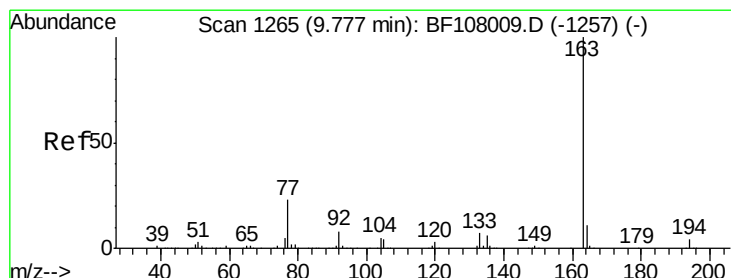
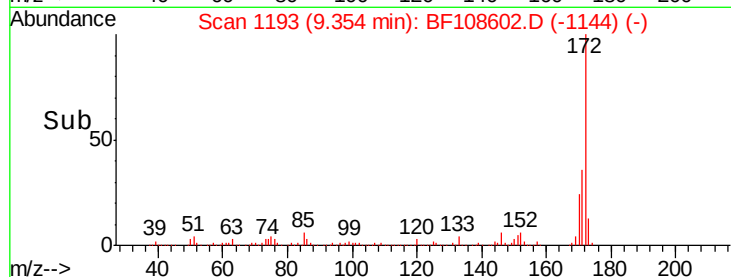
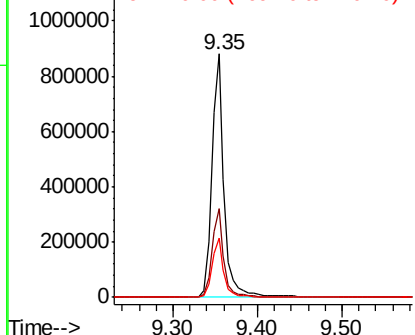
#44
2-Fluorobiphenyl
Concen: 60.526 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 897524
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.3 19.6 29.4

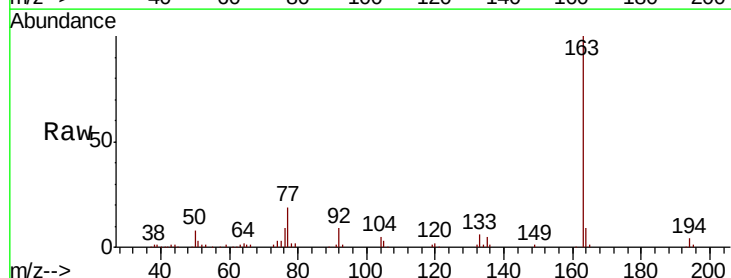


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

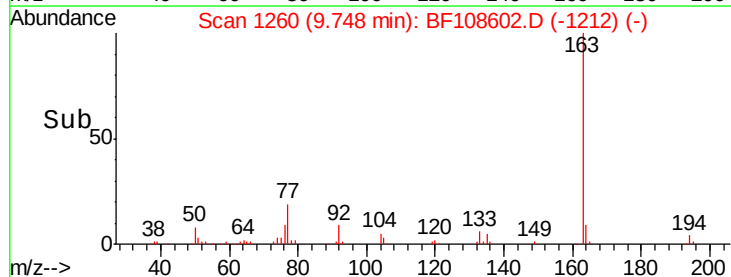
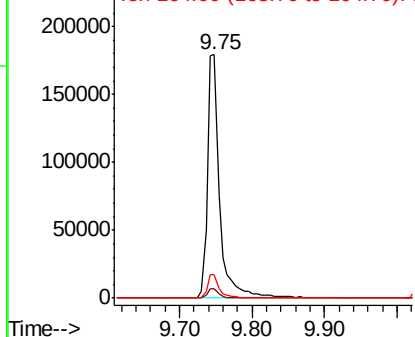


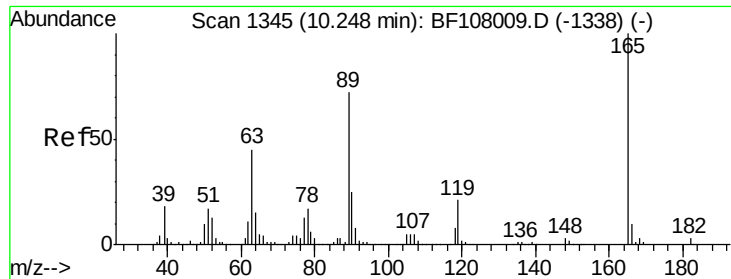
#49
Dimethylphthalate
Concen: 12.737 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108602.D
Acq: 29 Aug 2018 14:11

Tgt Ion:163 Resp: 211227
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.4 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

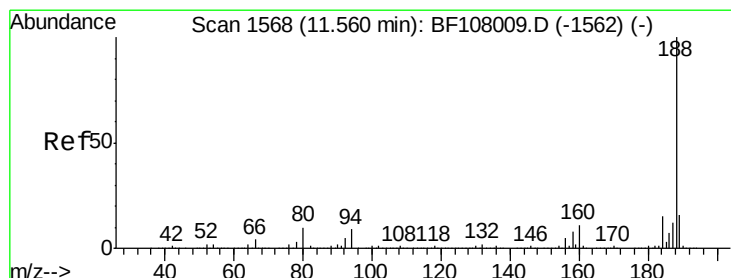
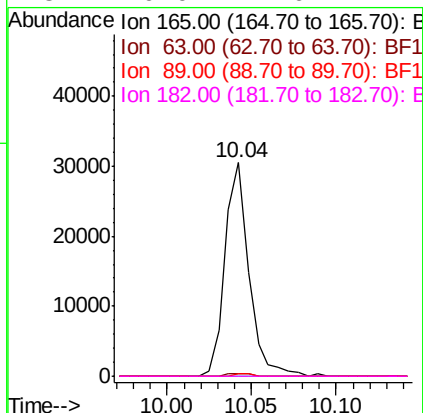
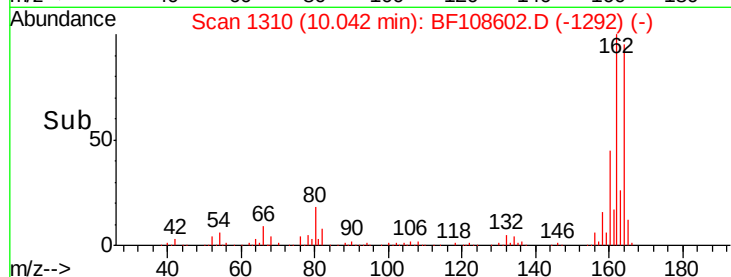
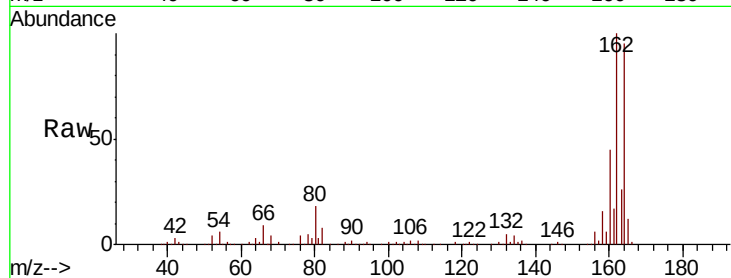




#56
 2,4-Dinitrotoluene
 Concen: 6.784 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

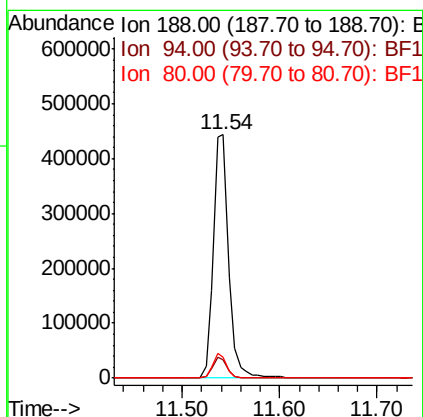
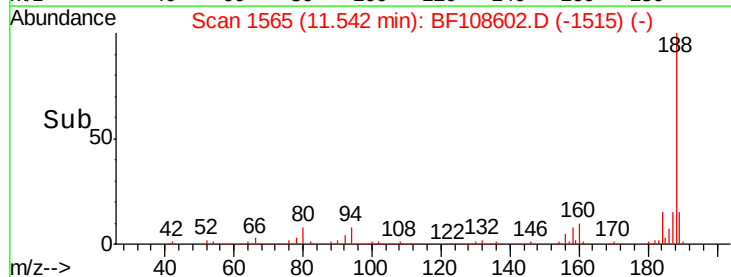
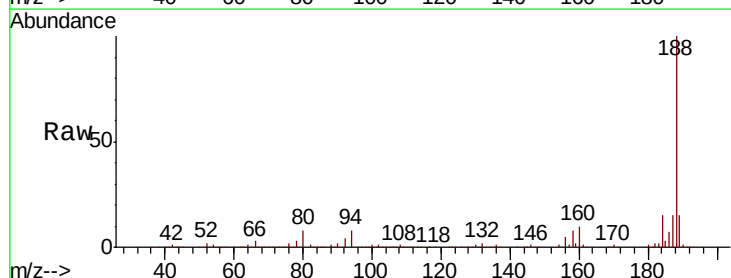
Instrument :
 BNA_F
 ClientSampleId :

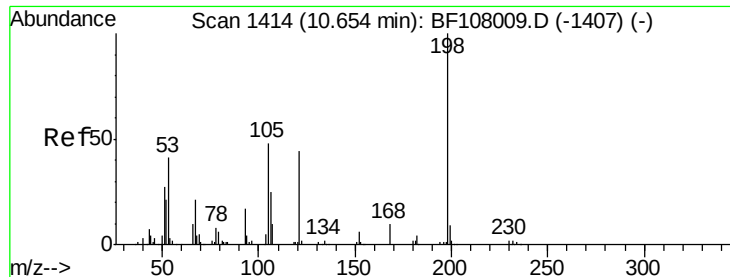
Tot Ion:165	Resp:	30299
Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Tgt Ion:188	Resp:	480825
Ion Ratio	Lower	Upper
188	100	
94	7.5	8.5 12.7#
80	8.4	9.2 13.8#

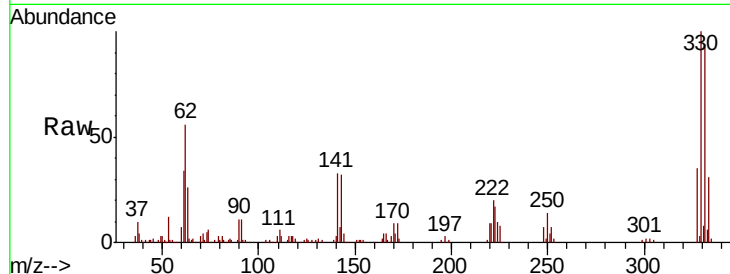




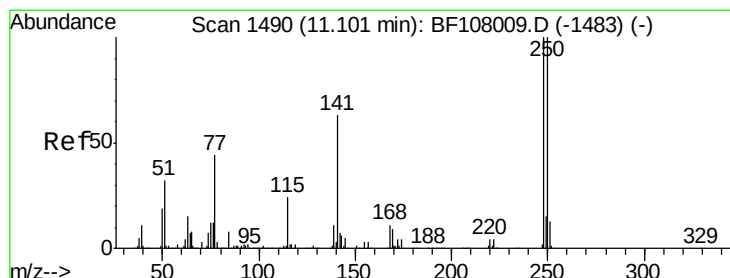
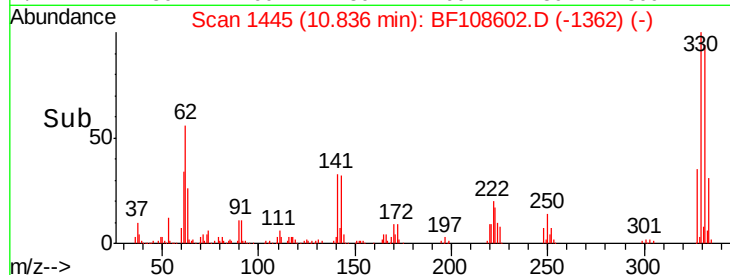
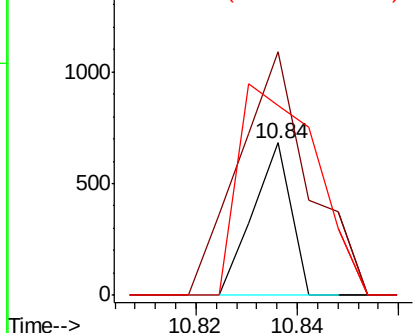
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.533 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	159.9	37.7	77.7#
105	125.1	36.3	76.3#

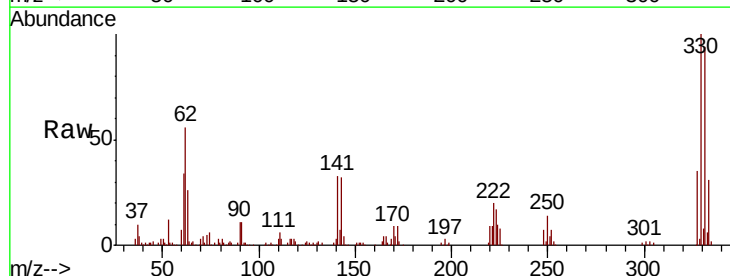


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

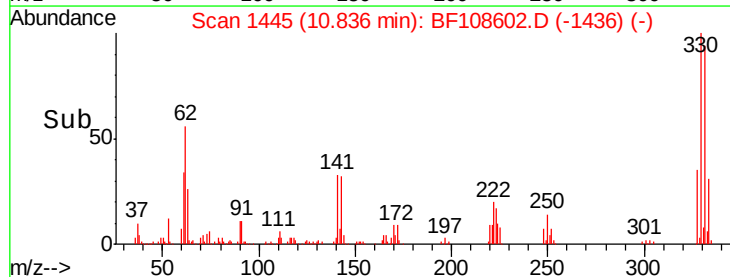
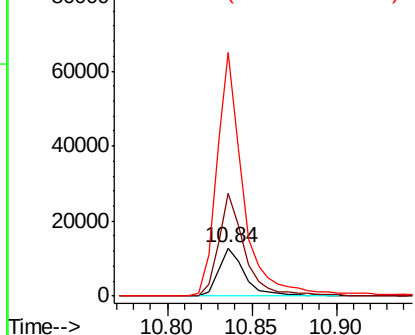


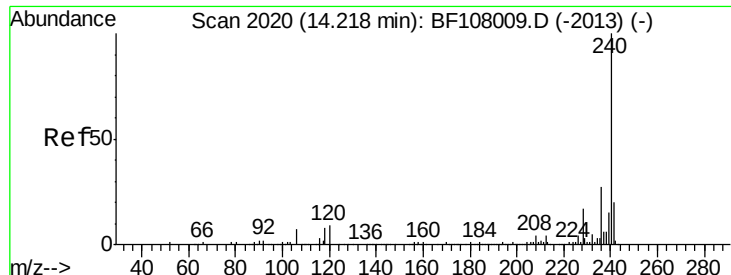
#66
 4-Bromophenyl-phenylether
 Concen: 2.638 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	212.9	76.9	115.3#
141	504.3	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: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108602.D

Acq: 29 Aug 2018 14:11

Instrument :

BNA_F

ClientSampleId :

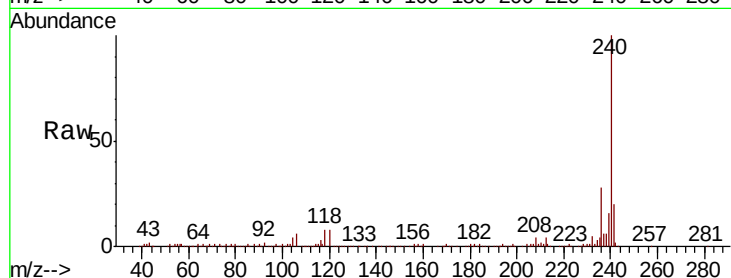
Tot Ion:240 Resp: 294032

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

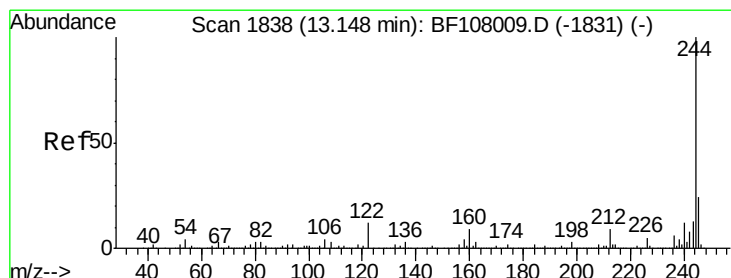
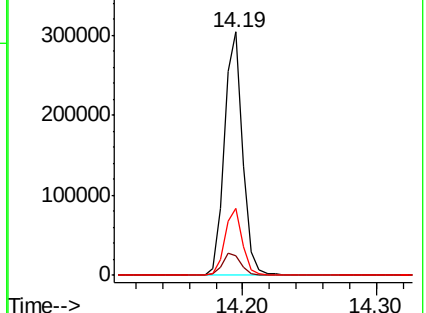
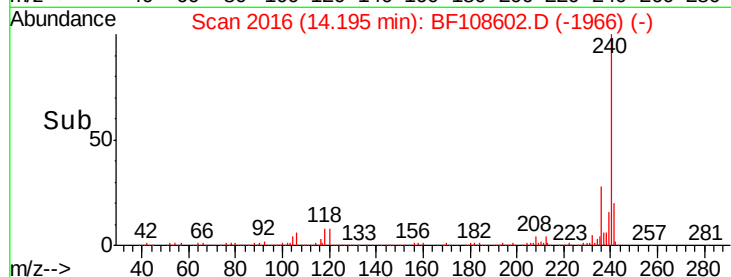
236 27.6 20.7 31.1



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: 74.463 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108602.D

Acq: 29 Aug 2018 14:11

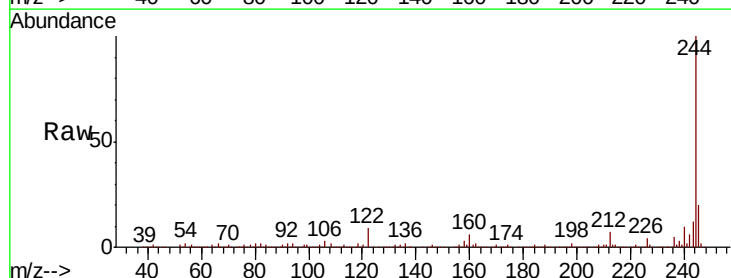
Tgt Ion:244 Resp: 861122

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

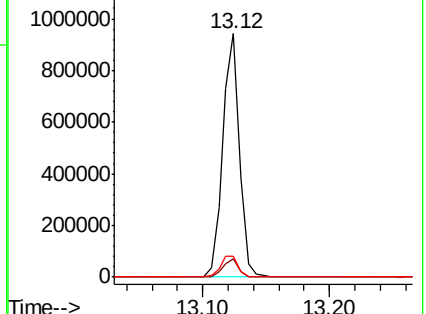
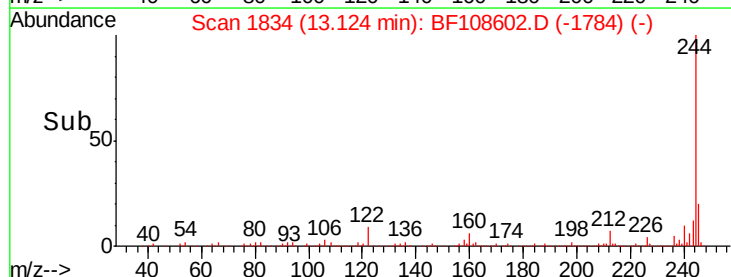
122 8.8 11.0 16.4#

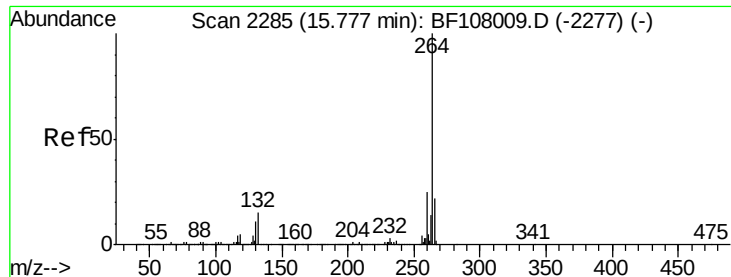


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108602.D
 Acq: 29 Aug 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.4	17.5	26.3

