

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109589.D
 Acq On : 4 Oct 2018 16:22
 Operator : JU/SJ
 Sample : J5221-03RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100118-JETT-E-U-B

Quant Time: Oct 04 18:00:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105121	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403859	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	183367	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	310844	20.00	ng	0.00
75) Chrysene-d12	13.84	240	216968	20.00	ng	0.00
86) Perylene-d12	15.24	264	217260	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	253865	39.78	ng	0.00
7) Phenol-d6	6.34	99	207833	25.52	ng	-0.02
23) Nitrobenzene-d5	7.27	82	717172	104.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	162640	89.97	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1239383	101.94	ng	-0.01
78) Terphenyl-d14	12.80	244	896804	101.44	ng	0.00

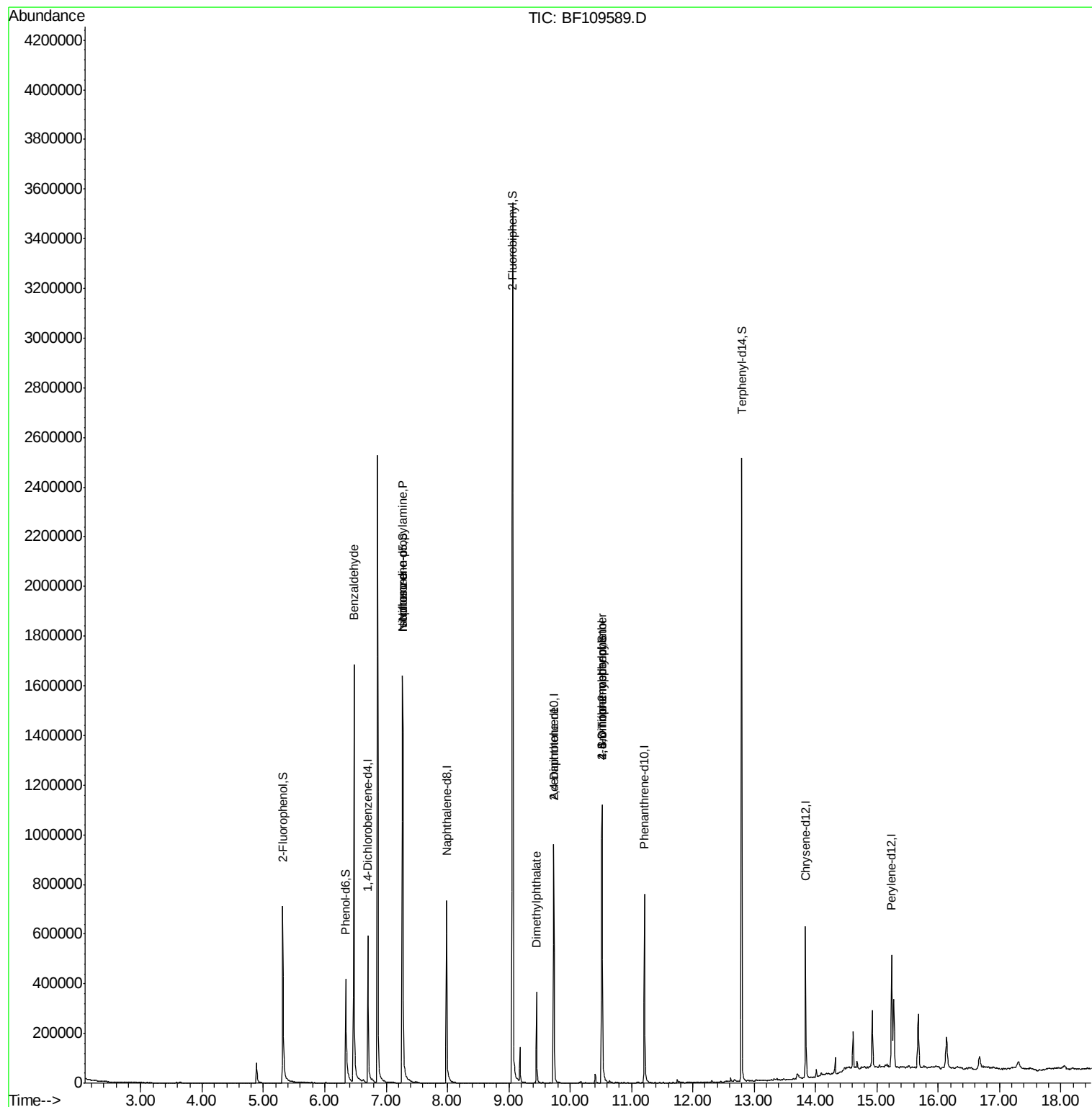
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11307	2.161	ng	# 75
19) n-Nitroso-di-n-propylamine	7.27	70	95020	17.806	ng	# 79
25) Isophorone	7.27	82	696191	56.511	ng	# 64
49) Dimethylphthalate	9.45	163	149485	11.208	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	22762	6.811	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	126	6.607	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9040	2.619	ng	# 1

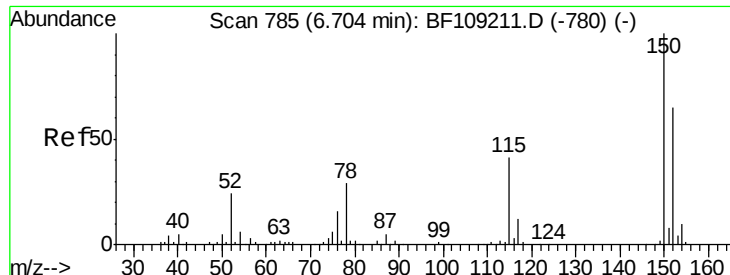
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
Data File : BF109589.D
Acq On : 4 Oct 2018 16:22
Operator : JU/SJ
Sample : J5221-03RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-U-B

Quant Time: Oct 04 18:00:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



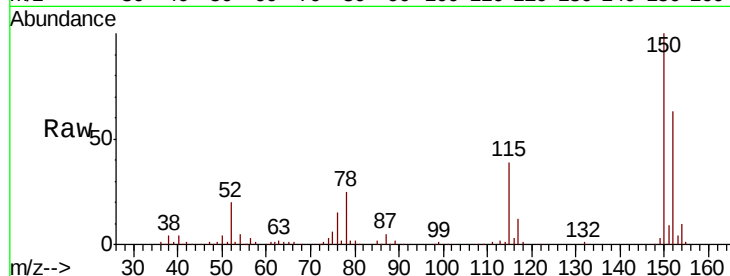


#1

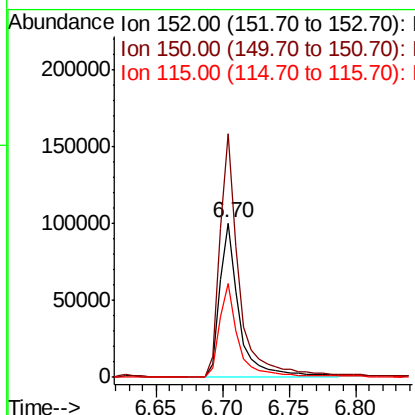
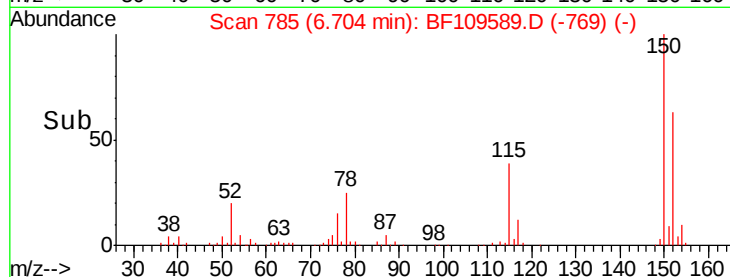
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-U-B

Tot Ion:152 Resp: 105121
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.8 50.1 75.1



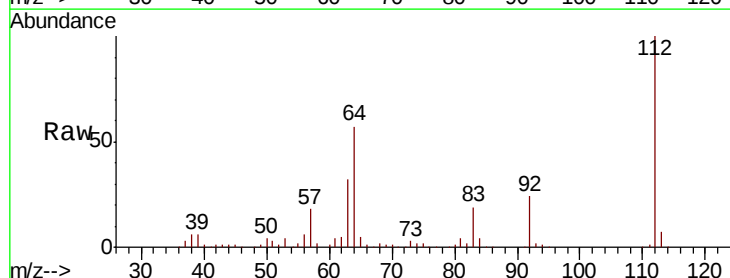
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



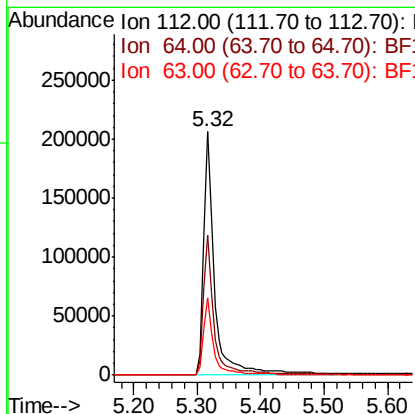
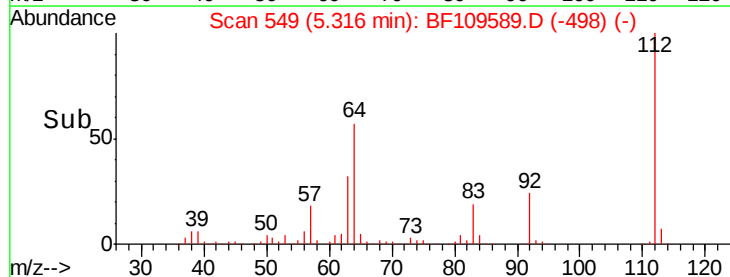
#5

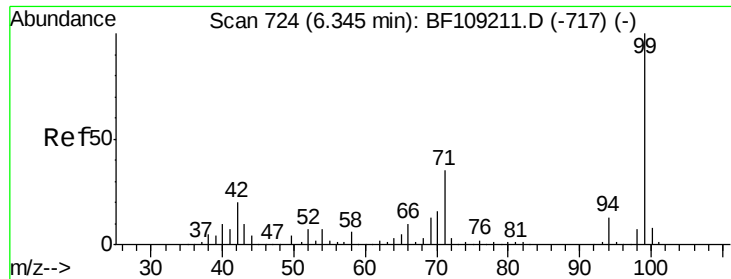
2-Fluorophenol
Concen: 39.777 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Tgt Ion:112 Resp: 253865
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 31.6 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: 25.520 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109589.D

Acq: 4 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

100118-JETT-E-U-B

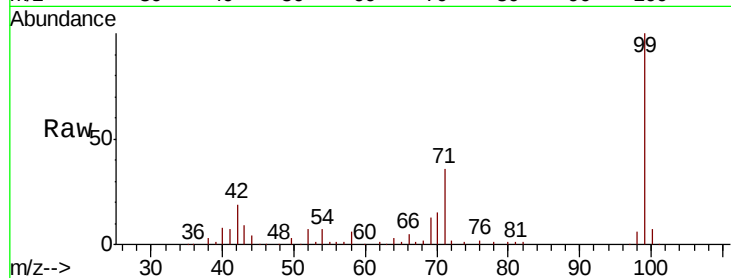
Tot Ion: 99 Resp: 207833

Ion Ratio Lower Upper

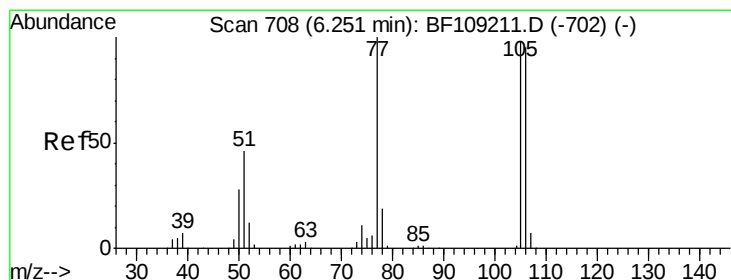
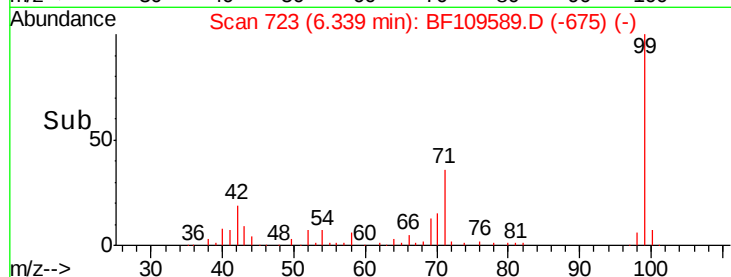
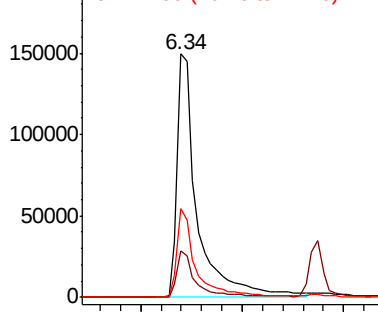
99 100

42 19.2 14.5 21.7

71 36.3 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: 2.161 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109589.D

Acq: 4 Oct 2018 16:22

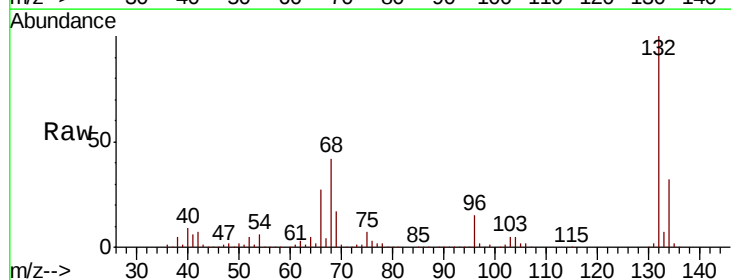
Tgt Ion: 77 Resp: 11307

Ion Ratio Lower Upper

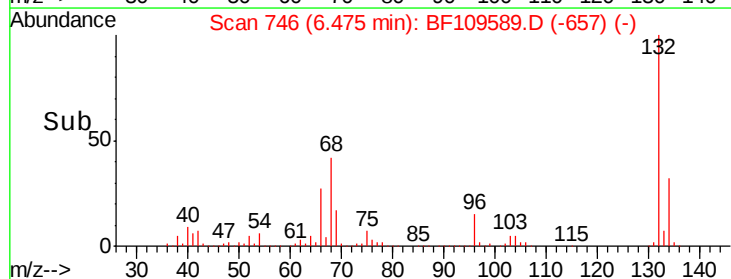
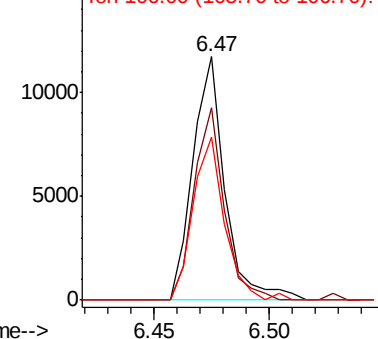
77 100

105 79.0 81.1 121.1#

106 66.8 74.5 114.5#



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

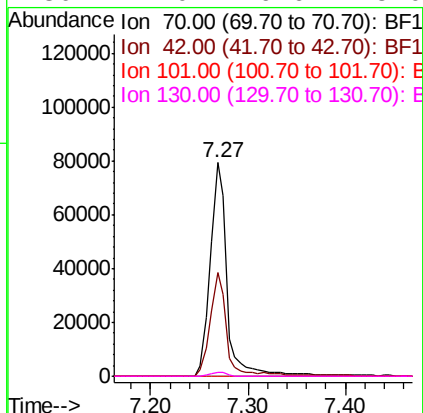
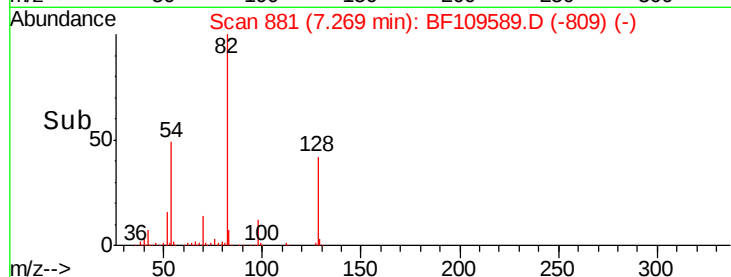
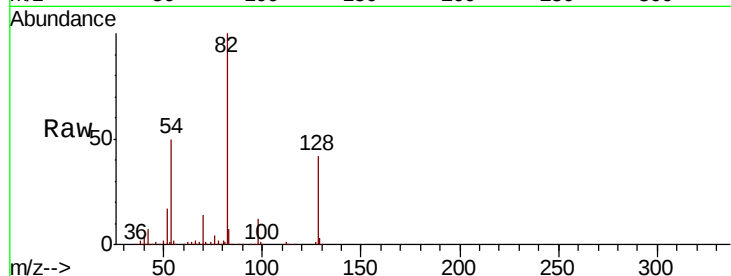




#19
n-Nitroso-di-n-propylamine
Concen: 17.806 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

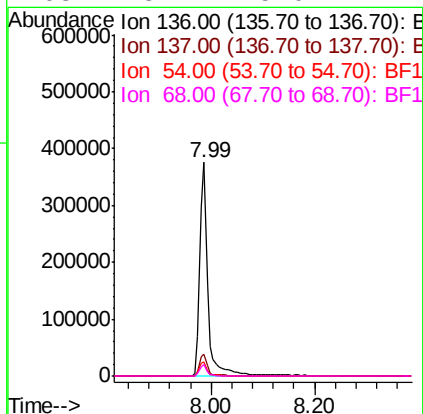
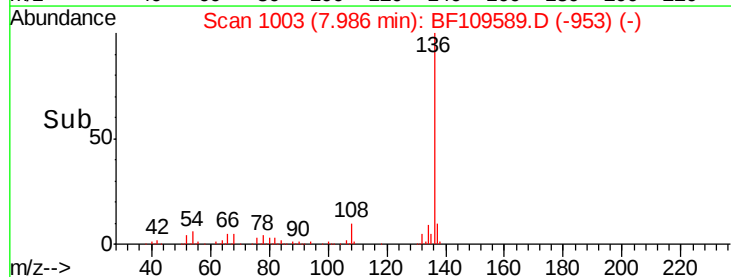
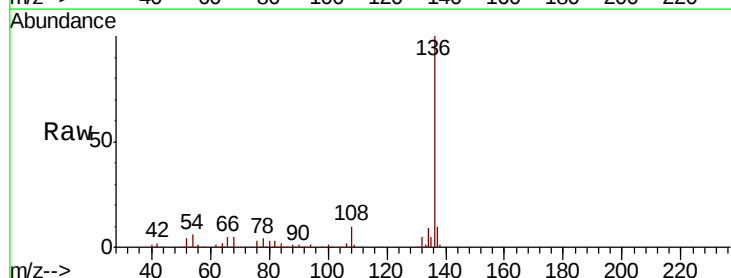
Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-U-B

Tot Ion: 70 Resp: 95020
Ion Ratio Lower Upper
70 100
42 48.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Tgt Ion: 136 Resp: 403859
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 6.5 6.6 9.8#
68 5.2 5.0 7.4

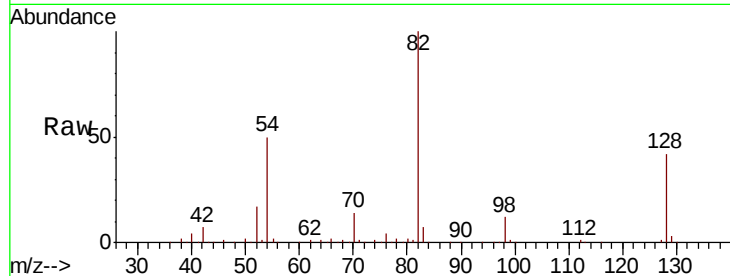




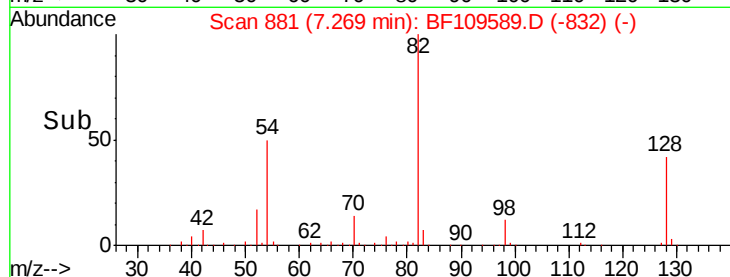
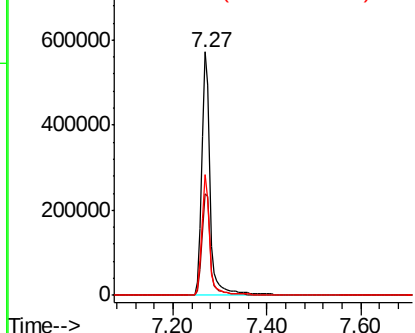
#23
Nitrobenzene-d5
Concen: 104.828 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-U-B

Tot Ion: 82 Resp: 717172
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 49.7 41.4 62.2

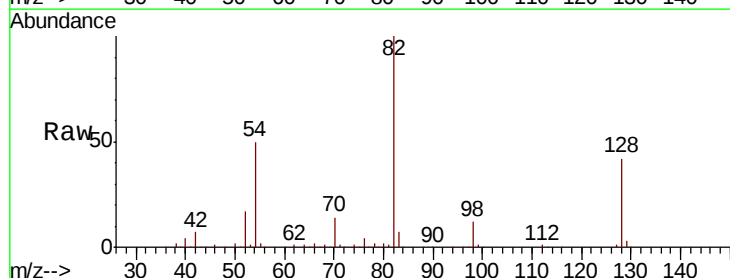


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

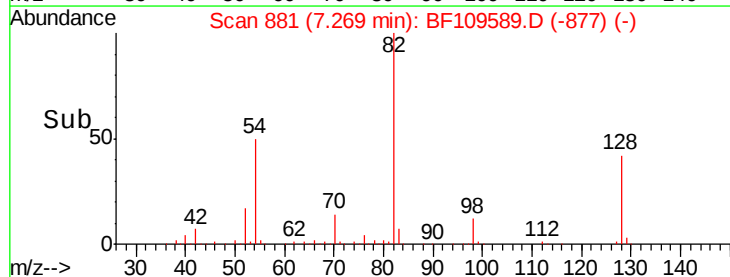
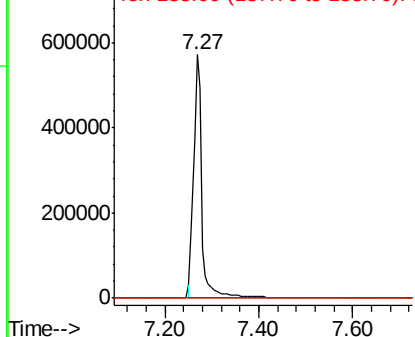


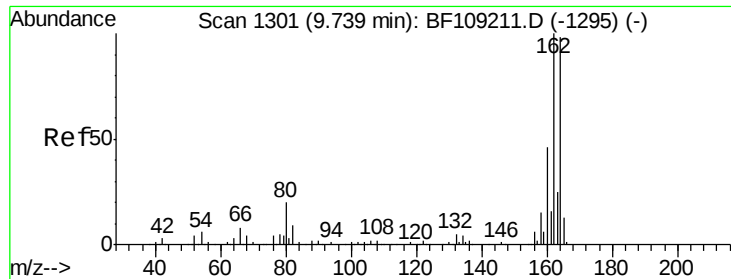
#25
Isophorone
Concen: 56.511 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Tgt Ion: 82 Resp: 696191
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): E

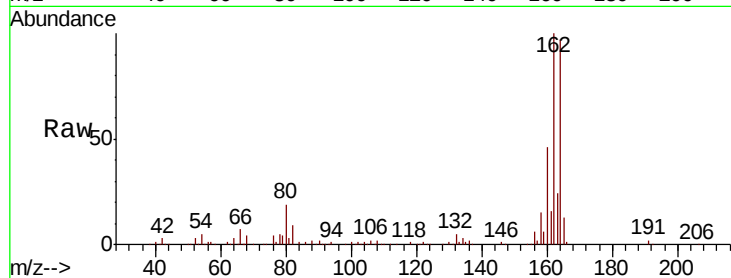




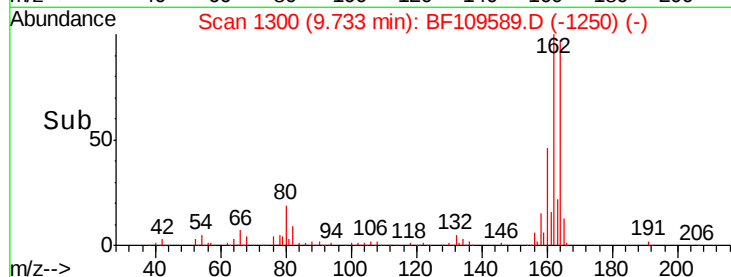
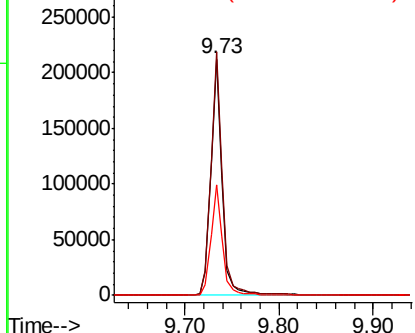
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109589.D
 Acq: 4 Oct 2018 16:22

Instrument :
 BNA_G
 ClientSampleId :
 100118-JETT-E-U-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.9	38.3	57.5

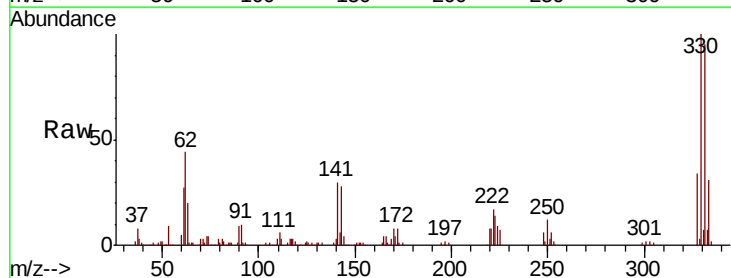


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

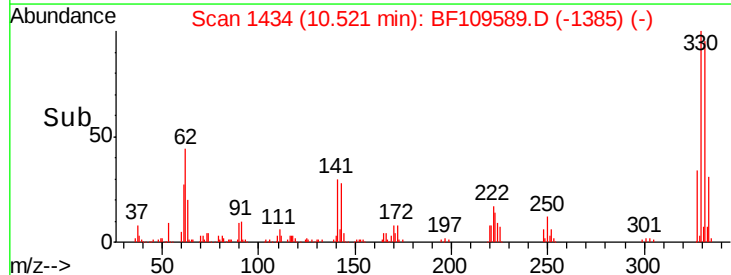
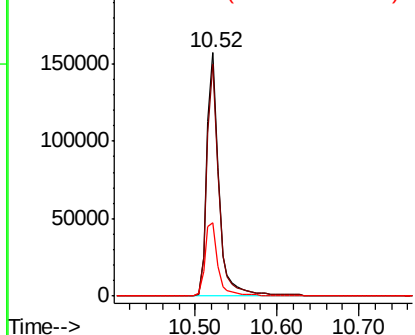


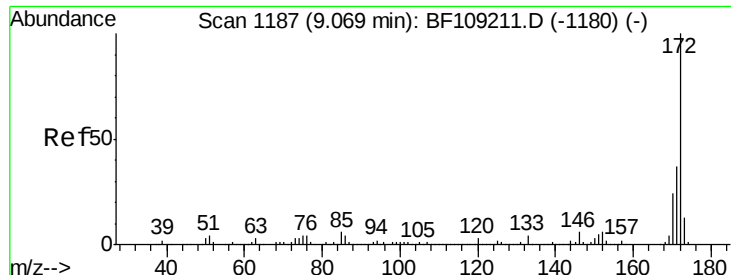
#41
 2,4,6-Tribromophenol
 Concen: 89.975 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109589.D
 Acq: 4 Oct 2018 16:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.7	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

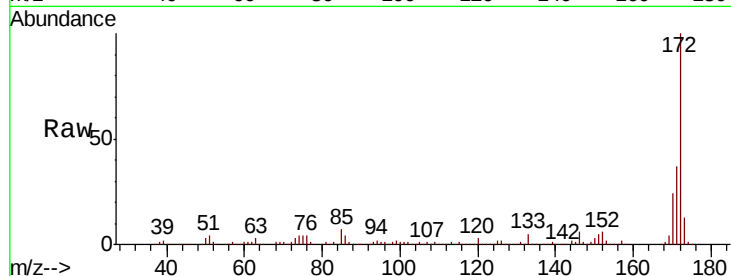




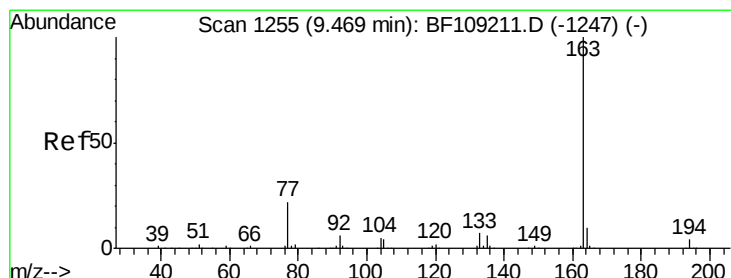
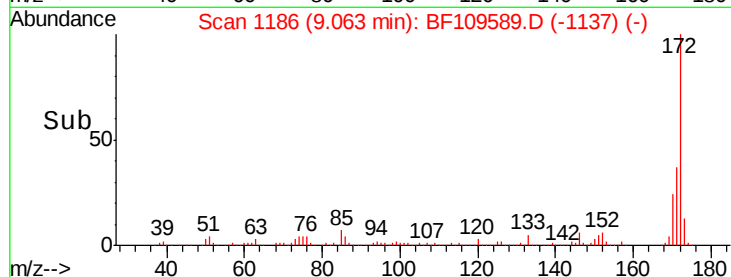
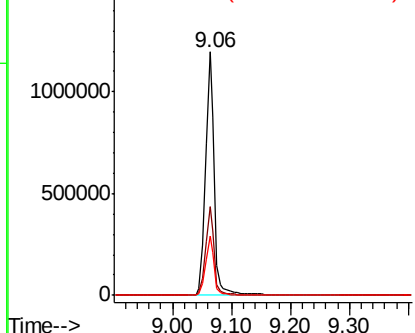
#44
2-Fluorobiphenyl
Concen: 101.939 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-U-B

Tot Ion:172 Resp: 1239383
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4

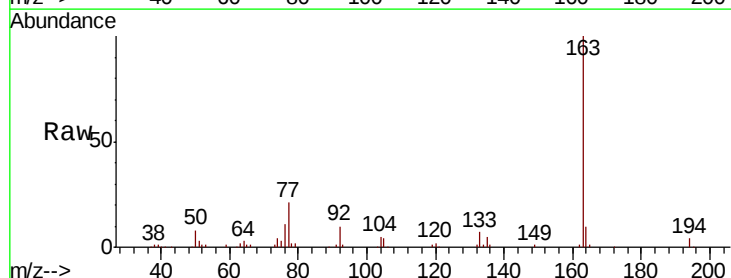


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

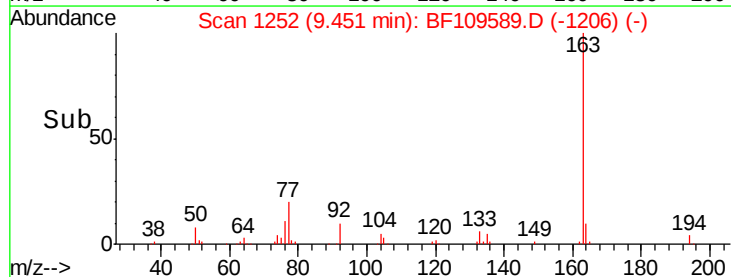
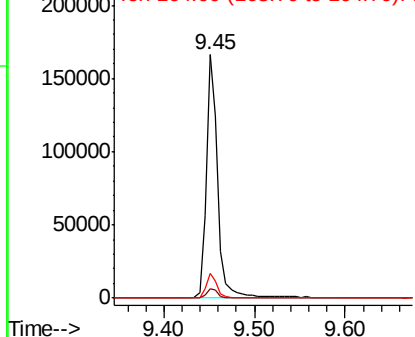


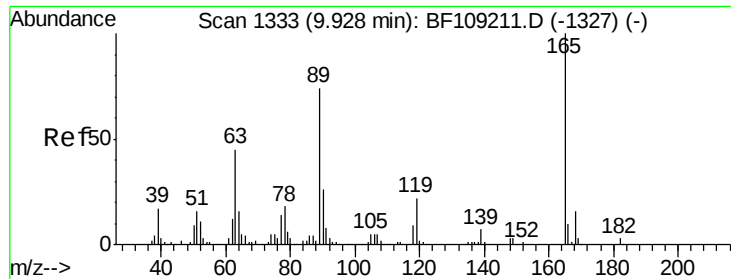
#49
Dimethylphthalate
Concen: 11.208 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Tgt Ion:163 Resp: 149485
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 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

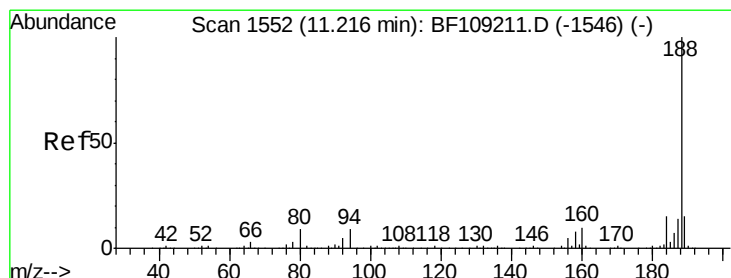
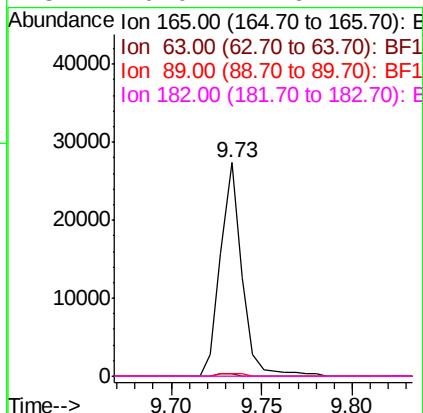
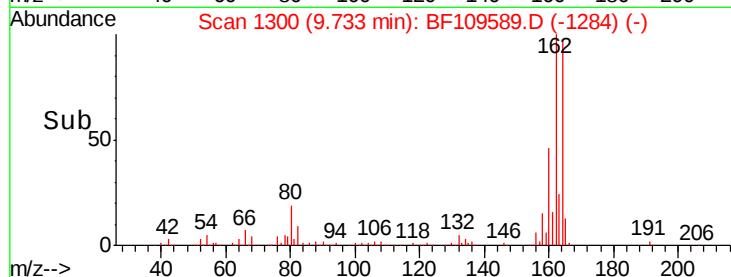
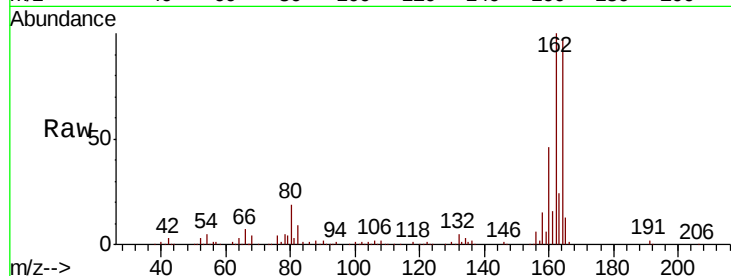




#56
 2,4-Dinitrotoluene
 Concen: 6.811 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109589.D
 Acq: 4 Oct 2018 16:22

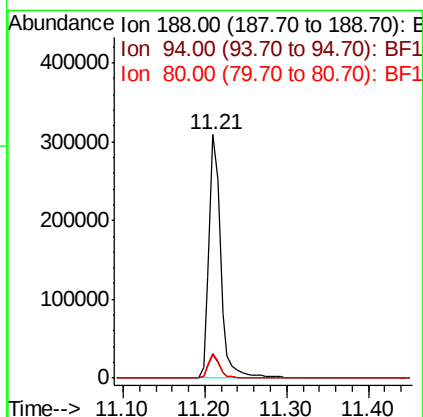
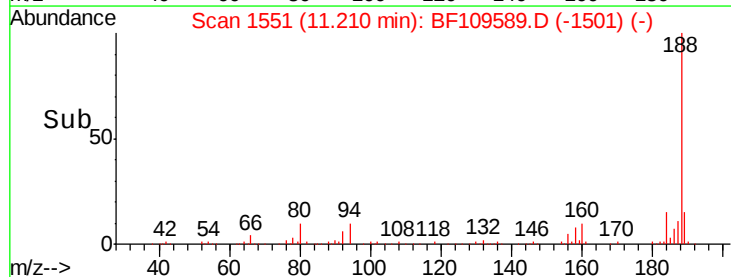
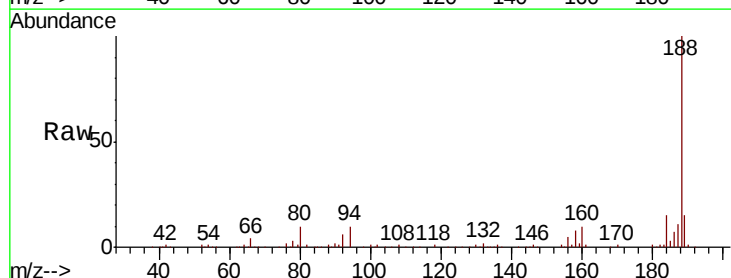
Instrument :
 BNA_G
 ClientSampleId :
 100118-JETT-E-U-B

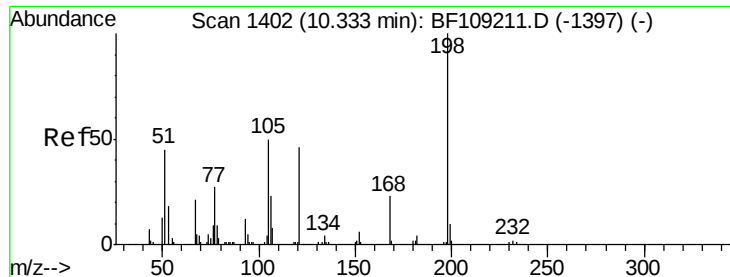
Tot Ion:165 Resp: 22762
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109589.D
 Acq: 4 Oct 2018 16:22

Tgt Ion:188 Resp: 310844
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.1 9.2 13.8

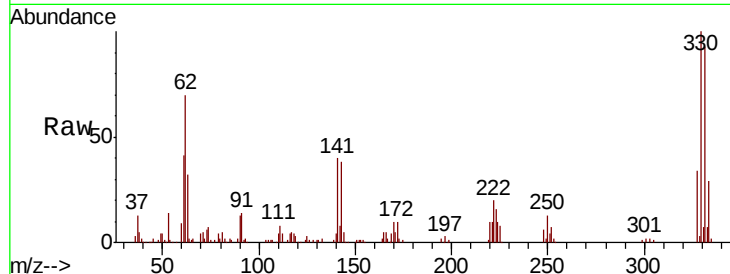




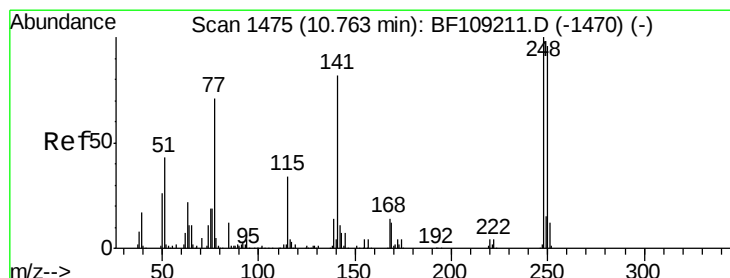
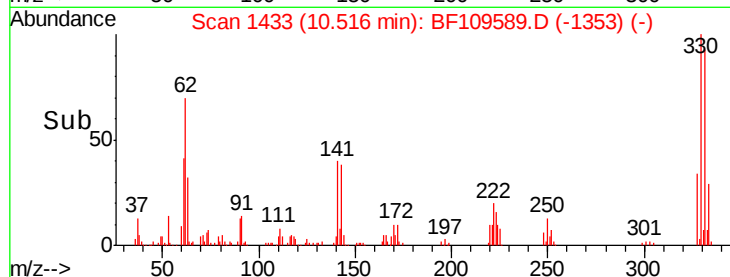
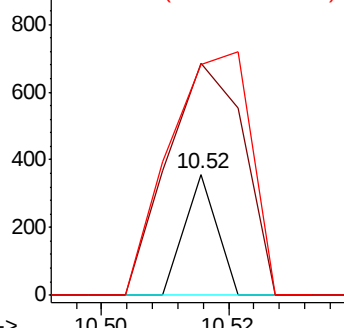
#64
4,6-Dinitro-2-methylphenol
Concen: 6.607 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-U-B

Tot Ion:198 Resp: 126
Ion Ratio Lower Upper
198 100
51 191.9 37.7 77.7#
105 189.9 36.3 76.3#

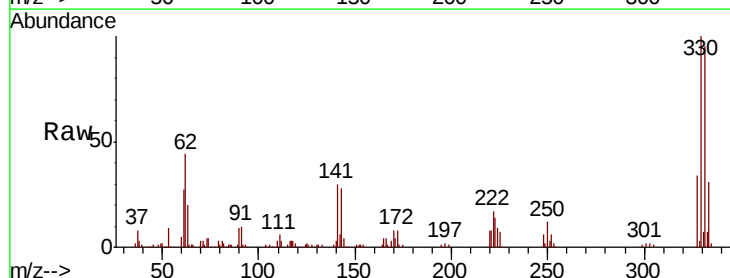


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

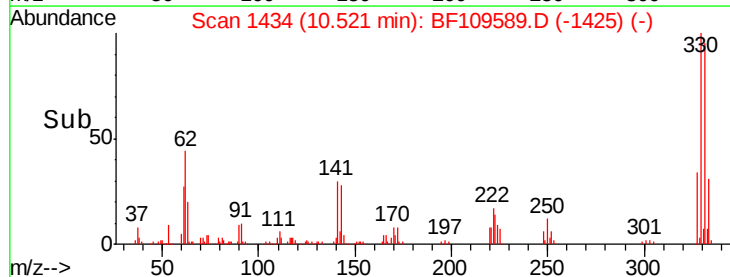
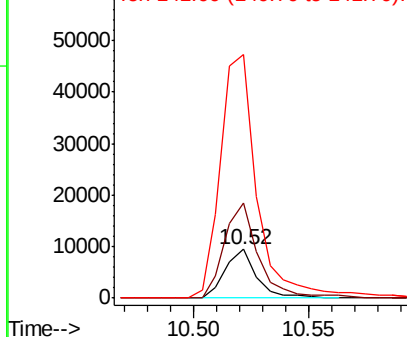


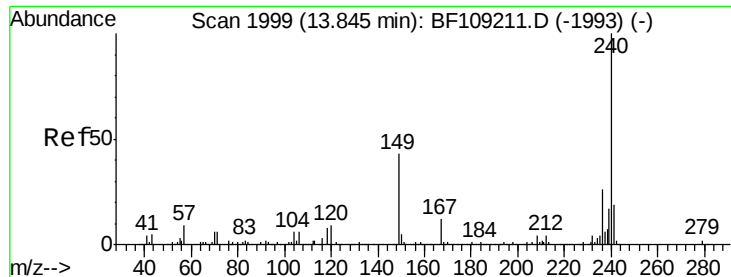
#66
4-Bromophenyl-phenylether
Concen: 2.619 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109589.D
Acq: 4 Oct 2018 16:22

Tgt Ion:248 Resp: 9040
Ion Ratio Lower Upper
248 100
250 195.9 76.9 115.3#
141 500.0 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: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109589.D

Acq: 4 Oct 2018 16:22

Instrument :

BNA_G

ClientSampleId :

100118-JETT-E-U-B

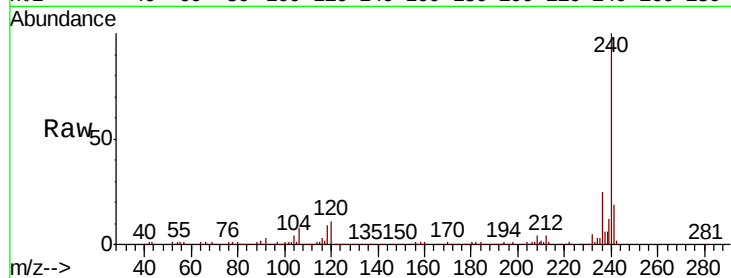
Tot Ion:240 Resp: 216968

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

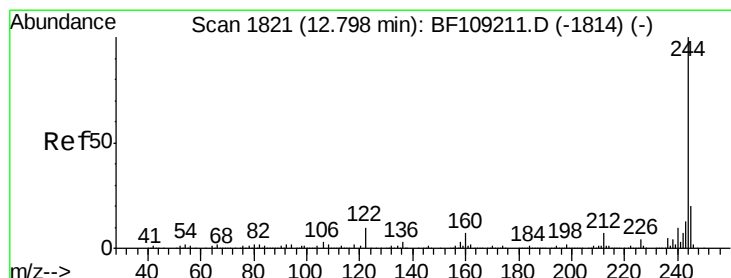
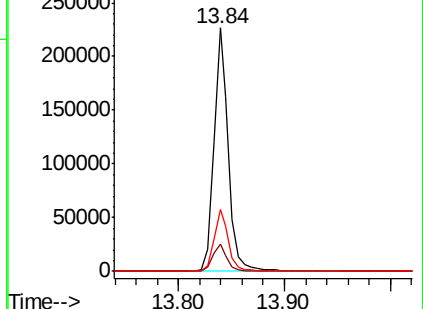
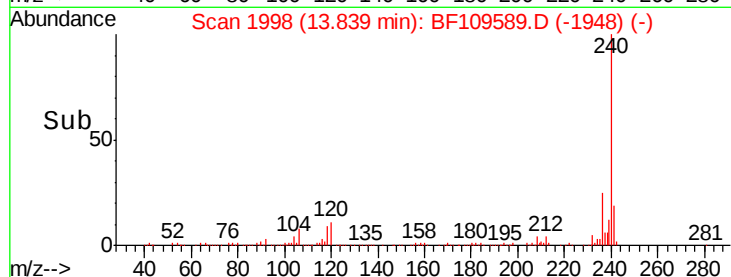
236 25.2 20.7 31.1



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: 101.439 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109589.D

Acq: 4 Oct 2018 16:22

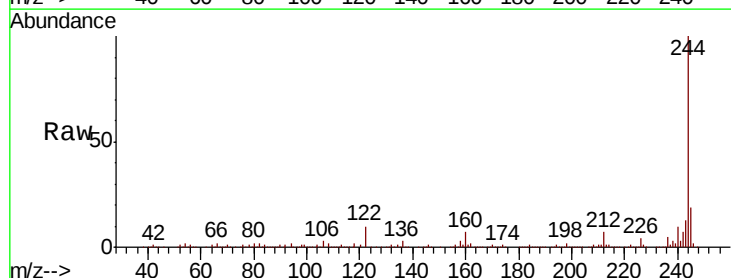
Tgt Ion:244 Resp: 896804

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

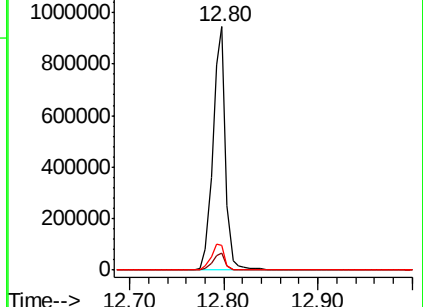
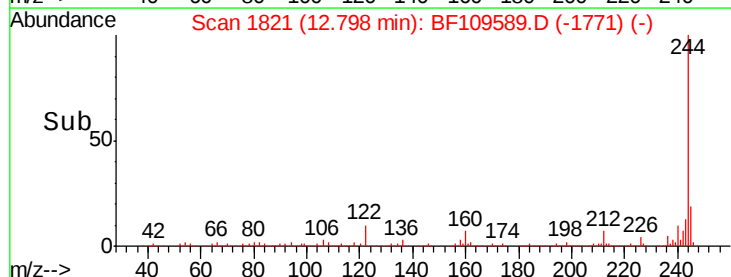
122 10.1 11.0 16.4#

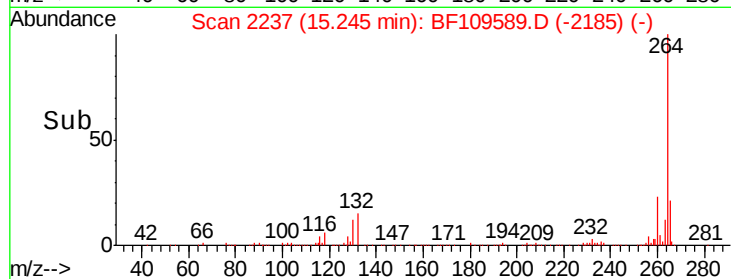
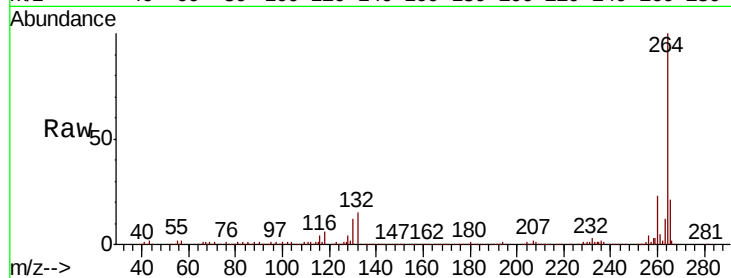
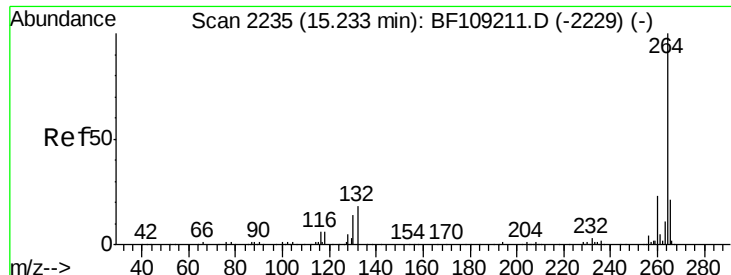


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109589.D
 Acq: 4 Oct 2018 16:22

Instrument :
 BNA_G
 ClientSampleId :
 100118-JETT-E-U-B

Tot Ion:	264	Resp:	217260
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	20.6	17.5	26.3

