

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
 Data File : BF109599.D
 Acq On : 4 Oct 2018 20:44
 Operator : JU/SJ
 Sample : J5241-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100218-DBRI-E-D-S

Quant Time: Oct 05 01:31:35 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

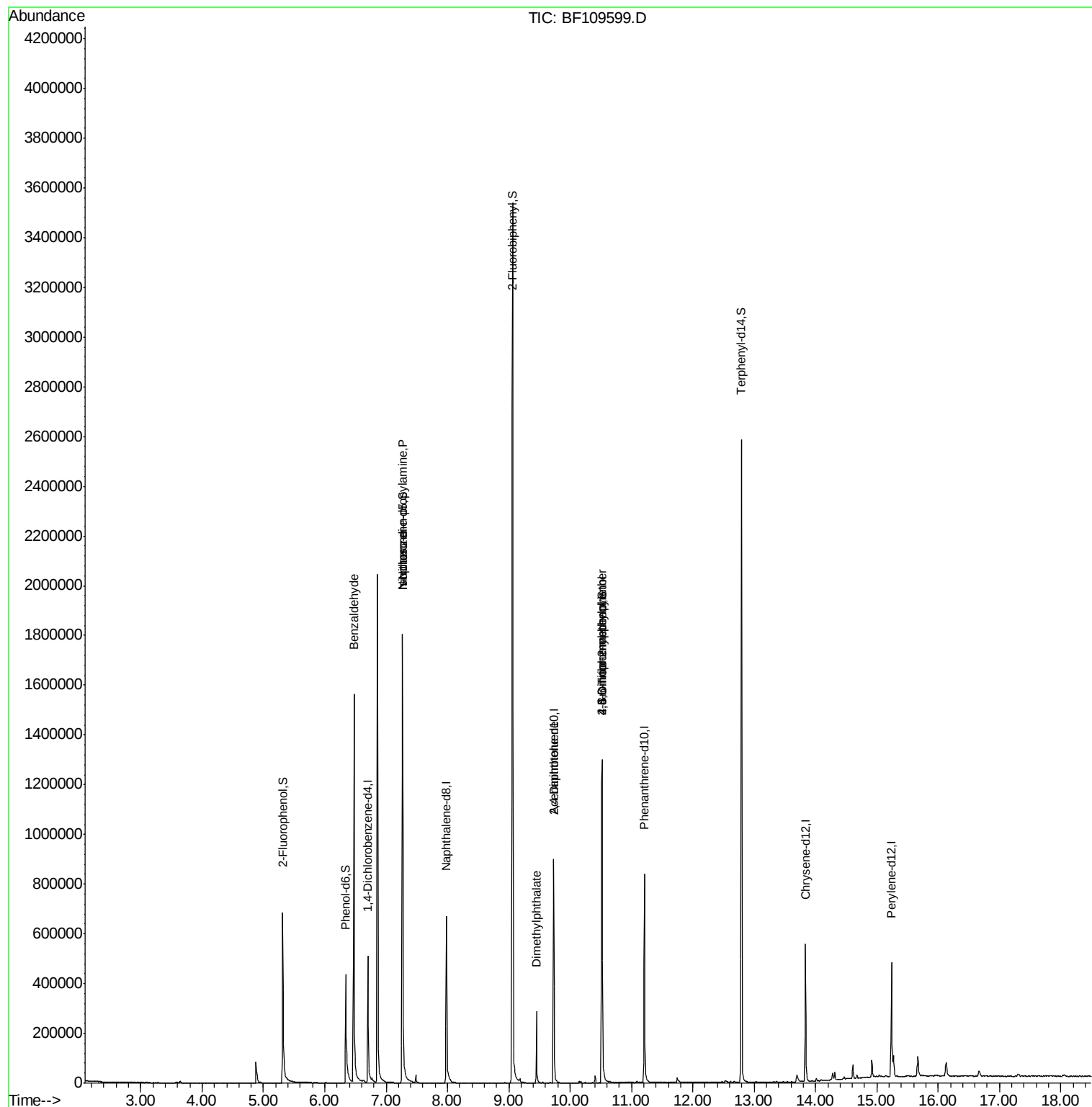
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96549	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	383360	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	182523	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	330956	20.00	ng	0.00
75) Chrysene-d12	13.84	240	216758	20.00	ng	0.00
86) Perylene-d12	15.24	264	209442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	246983	42.13	ng	0.00
7) Phenol-d6	6.34	99	207499	27.74	ng	-0.02
23) Nitrobenzene-d5	7.27	82	713630	109.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	189683	105.42	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1244709	102.85	ng	-0.01
78) Terphenyl-d14	12.80	244	1019294	115.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	10602	2.206	ng	# 77
19) n-Nitroso-di-n-propylamine	7.27	70	93608	19.099	ng	# 78
25) Isophorone	7.27	82	700208	59.876	ng	# 64
49) Dimethylphthalate	9.45	163	116600	8.783	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	23076	6.936	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	324	6.731	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11059	3.009	ng	# 1

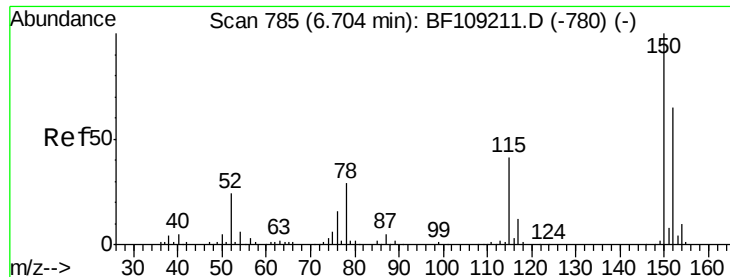
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100418\
Data File : BF109599.D
Acq On : 4 Oct 2018 20:44
Operator : JU/SJ
Sample : J5241-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-S

Quant Time: Oct 05 01:31:35 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



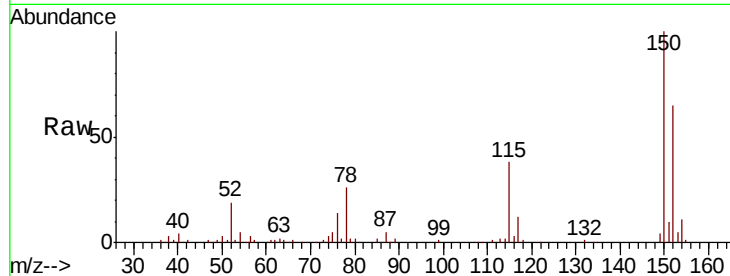


#1

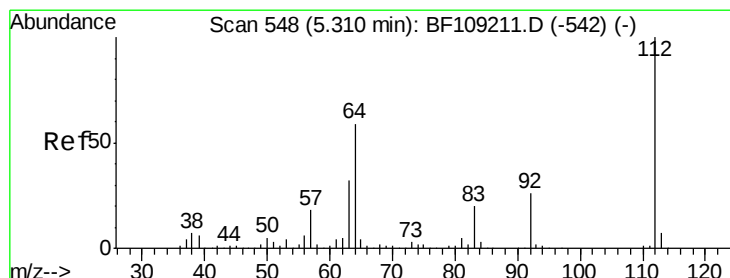
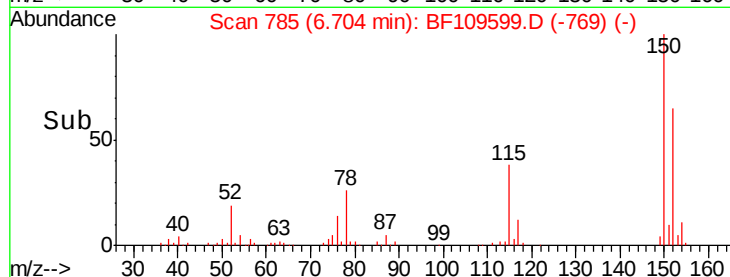
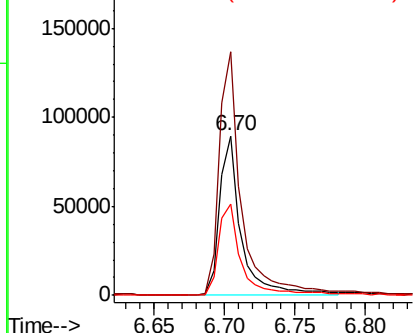
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-S

Tgt Ion:152 Resp: 96549
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 57.4 50.1 75.1



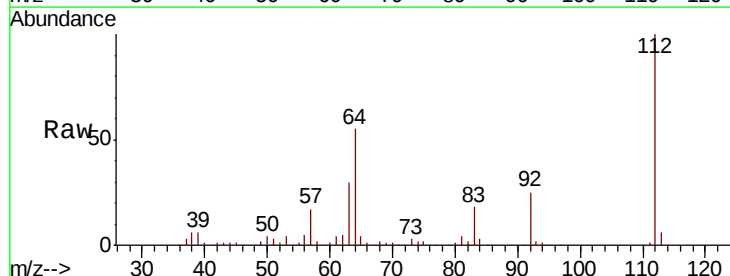
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



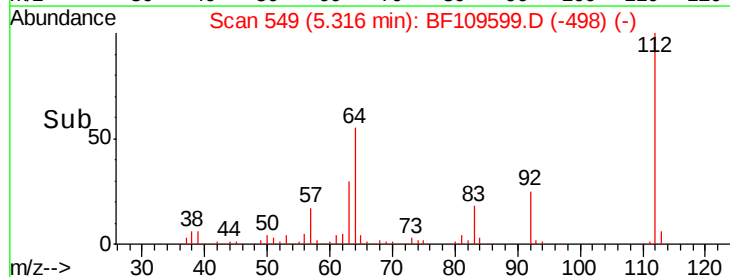
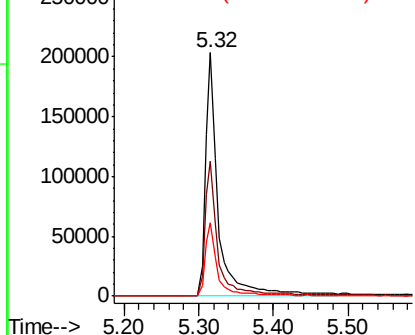
#5

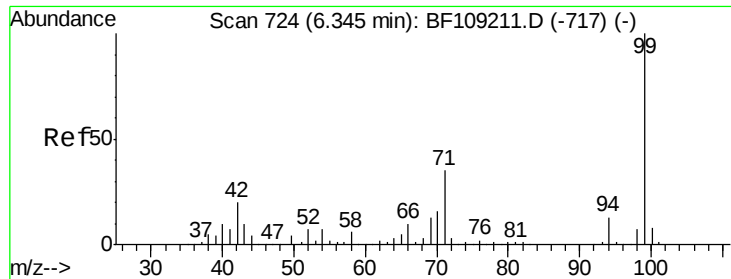
2-Fluorophenol
Concen: 42.134 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Tgt Ion:112 Resp: 246983
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 30.3 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: 27.741 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109599.D

Acq: 4 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

100218-DBRI-E-D-S

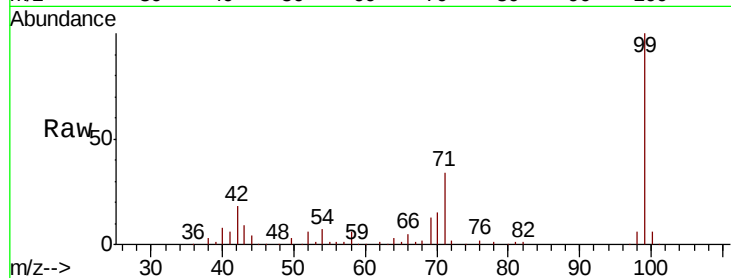
Tgt Ion: 99 Resp: 207499

Ion Ratio Lower Upper

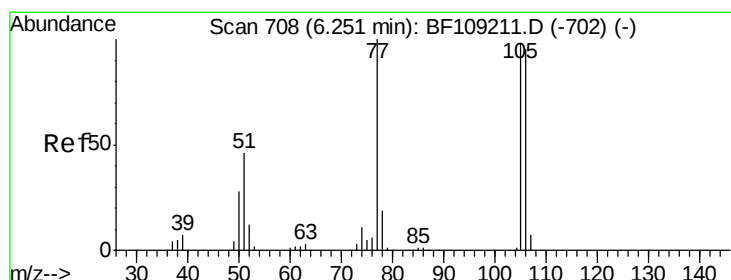
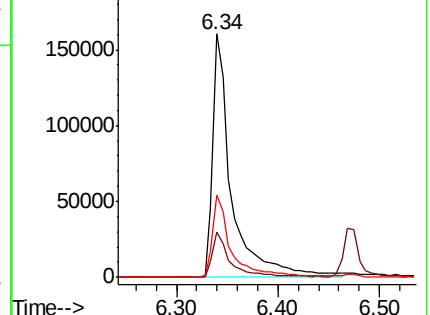
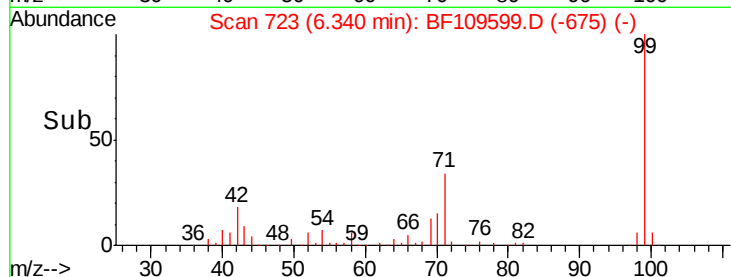
99 100

42 18.4 14.5 21.7

71 33.8 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: 2.206 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109599.D

Acq: 4 Oct 2018 20:44

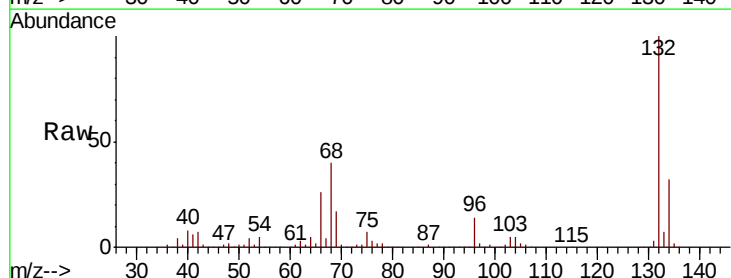
Tgt Ion: 77 Resp: 10602

Ion Ratio Lower Upper

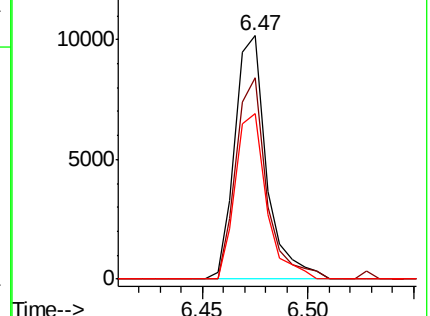
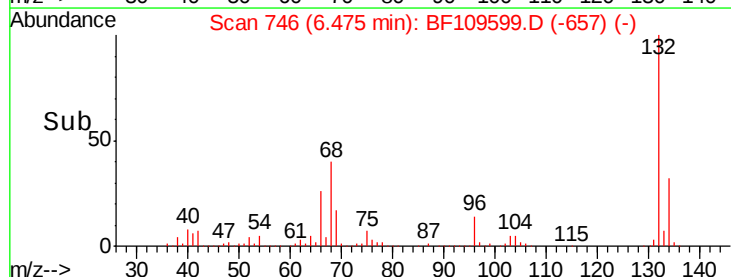
77 100

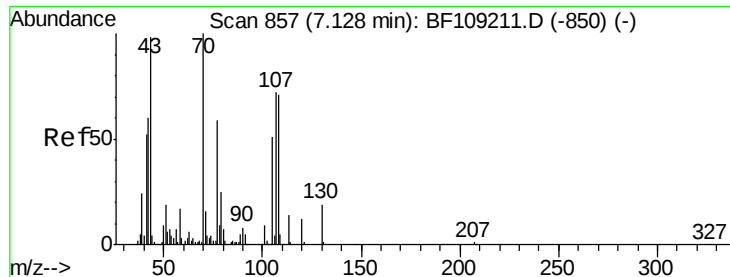
105 82.5 81.1 121.1

106 67.8 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

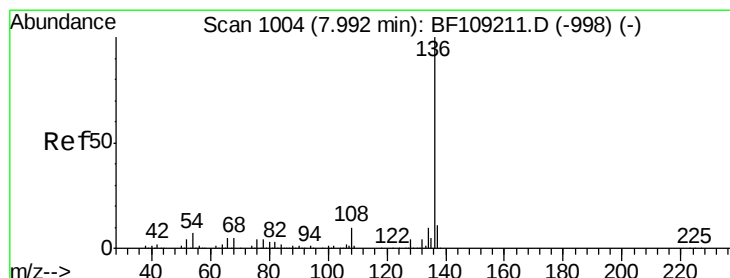
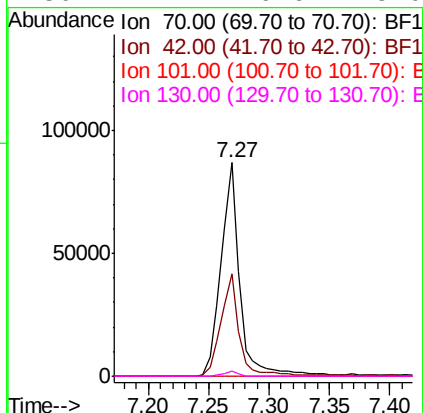
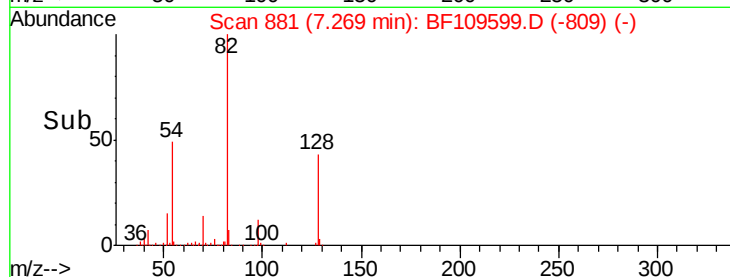
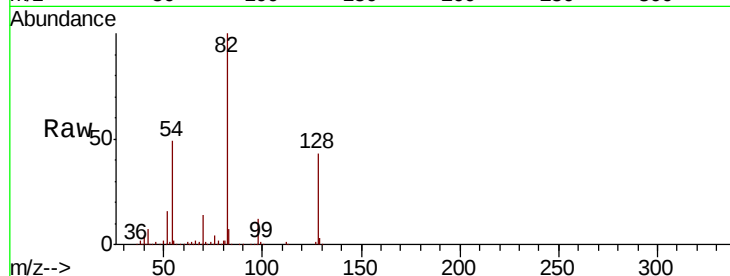




#19
n-Nitroso-di-n-propylamine
Concen: 19.099 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

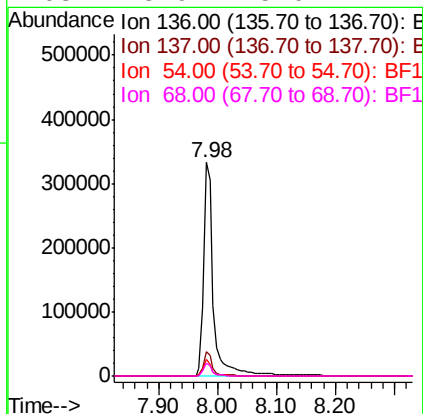
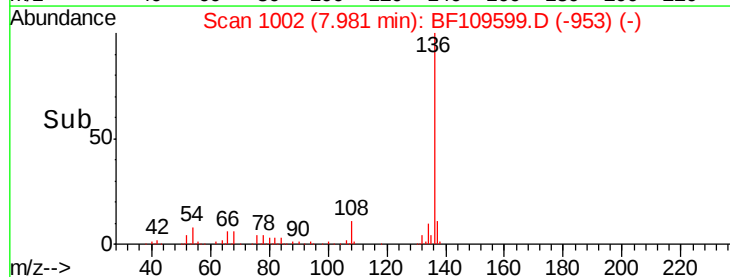
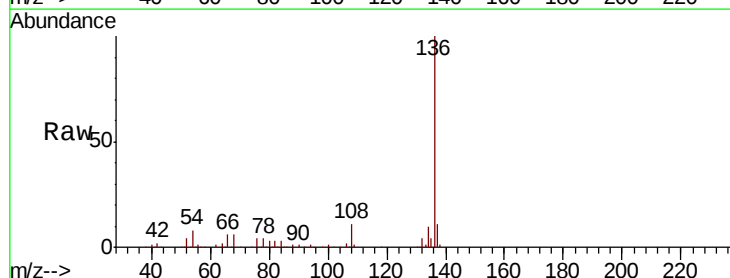
Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-S

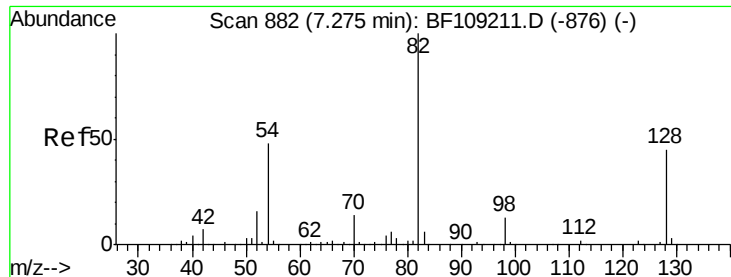
Tgt Ion: 70 Resp: 93608
Ion Ratio Lower Upper
70 100
42 48.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Tgt Ion: 136 Resp: 383360
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.6 6.6 9.8
68 5.9 5.0 7.4

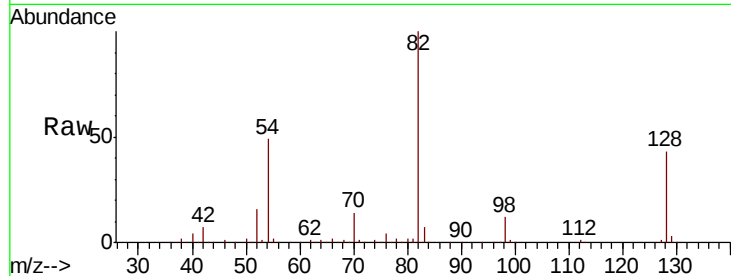




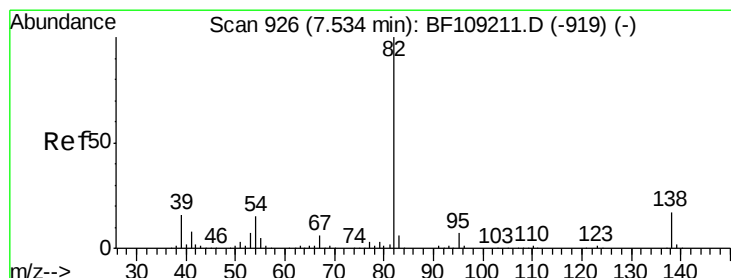
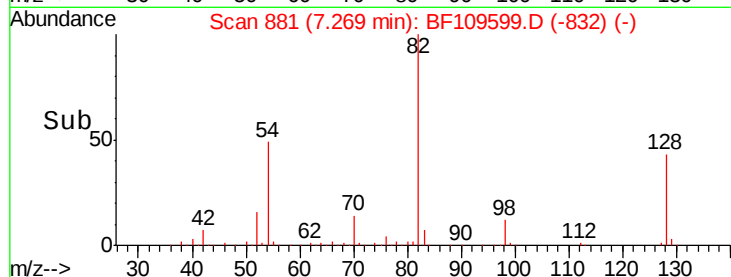
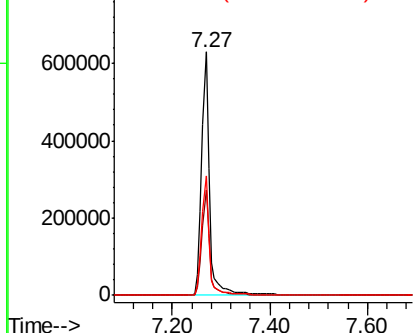
#23
Nitrobenzene-d5
Concen: 109.888 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-S

Tgt Ion: 82 Resp: 713630
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 49.1 41.4 62.2

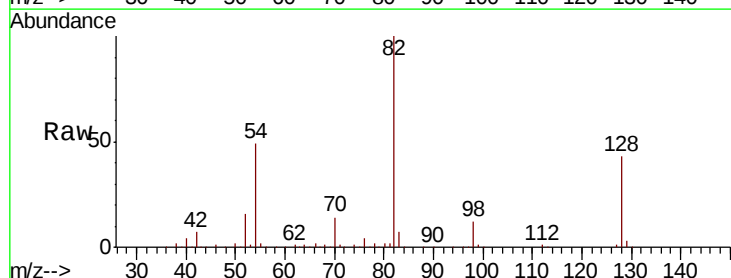


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

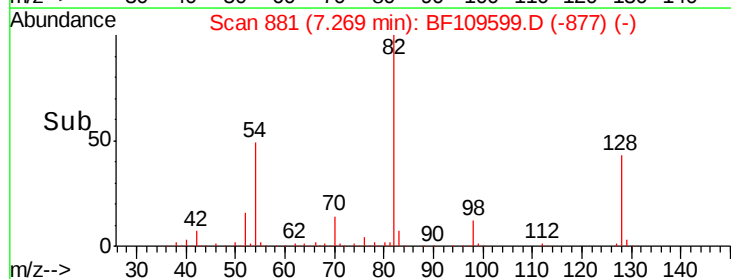
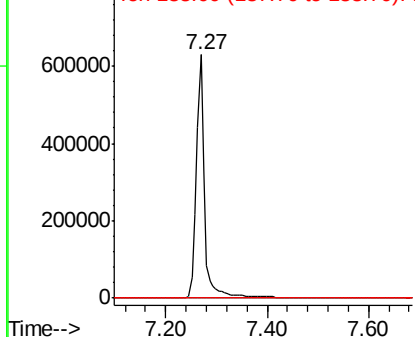


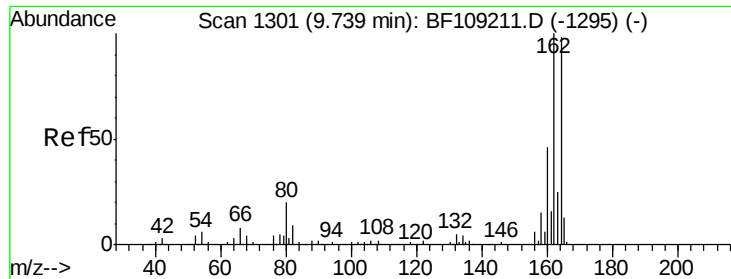
#25
Isophorone
Concen: 59.876 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Tgt Ion: 82 Resp: 700208
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

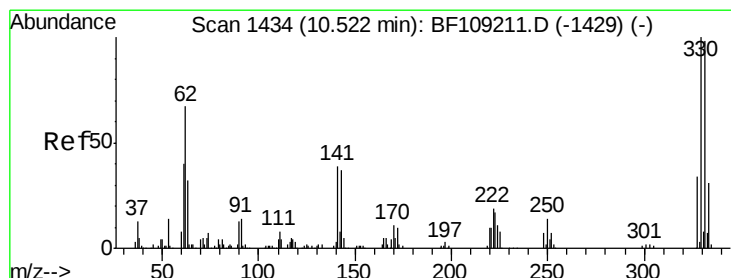
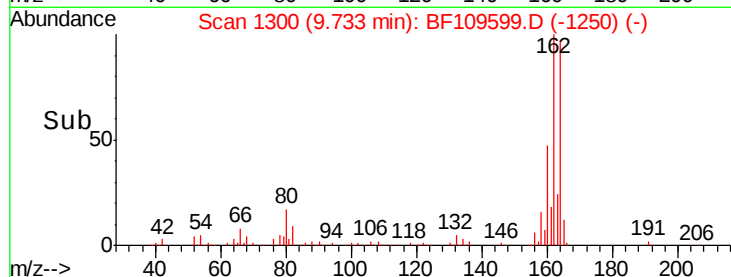
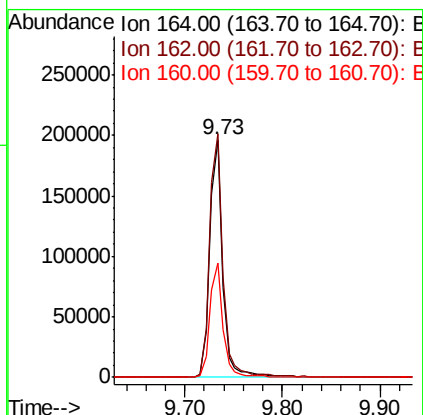
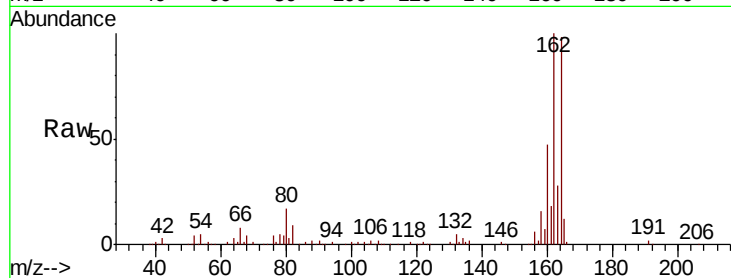




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109599.D
 Acq: 4 Oct 2018 20:44

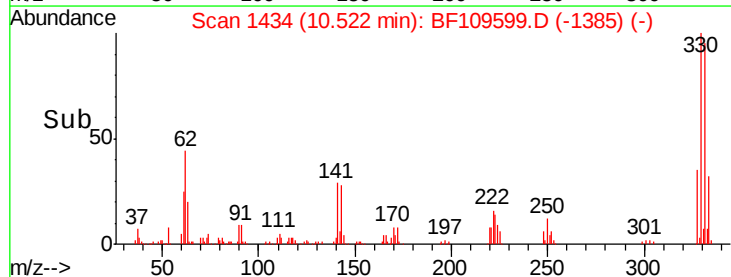
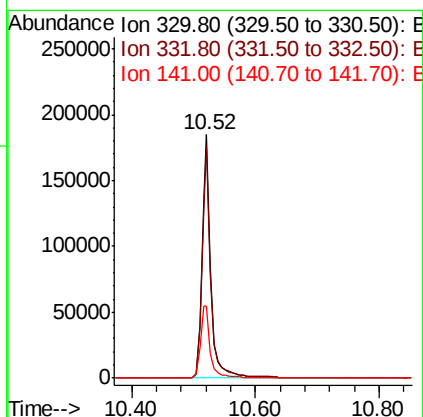
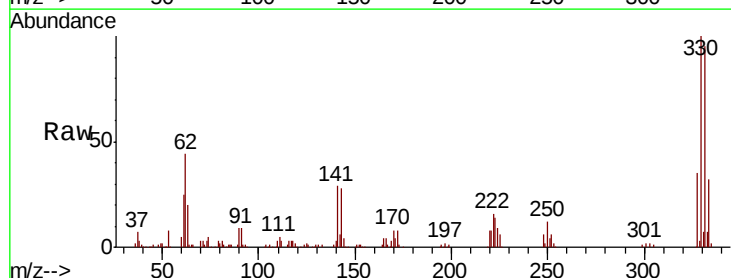
Instrument :
 BNA_F
 ClientSampleId :
 100218-DBRI-E-D-S

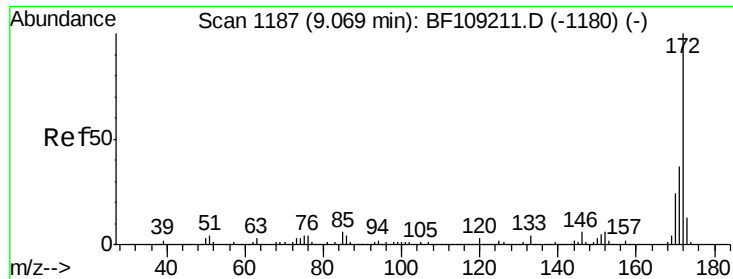
Tgt Ion:164 Resp: 182523
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 48.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 105.421 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109599.D
 Acq: 4 Oct 2018 20:44

Tgt Ion:330 Resp: 189683
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 33.1 29.9 44.9

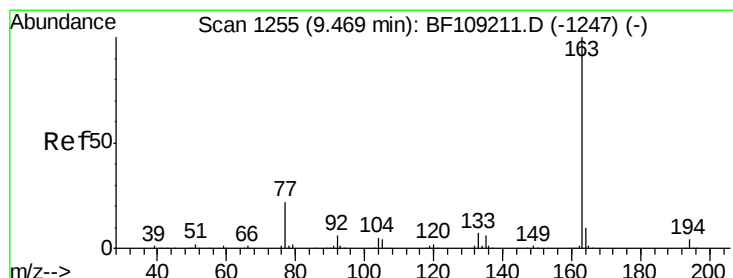
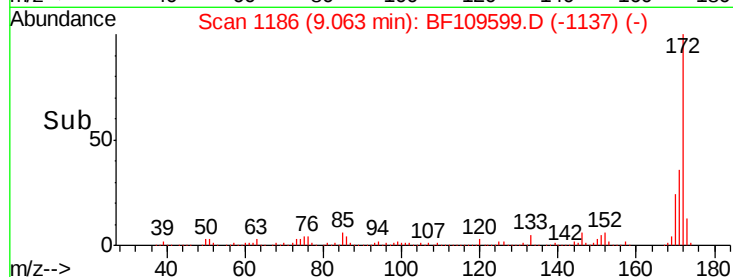
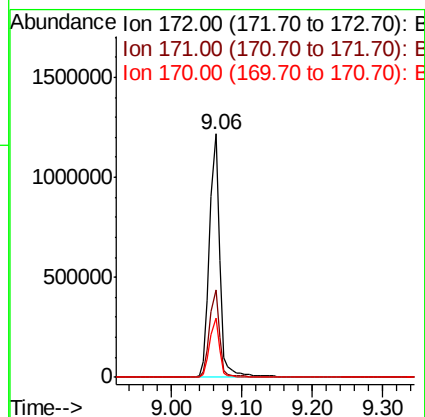
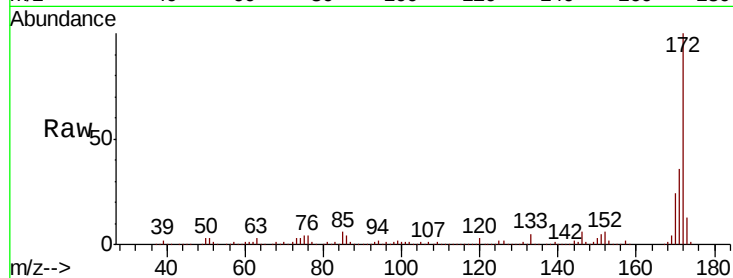




#44
2-Fluorobiphenyl
Concen: 102.851 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

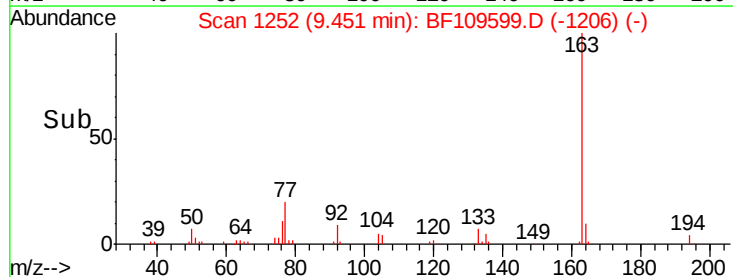
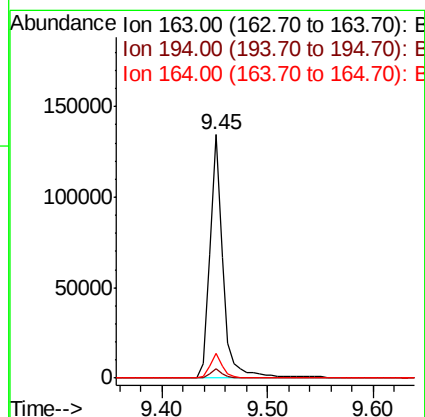
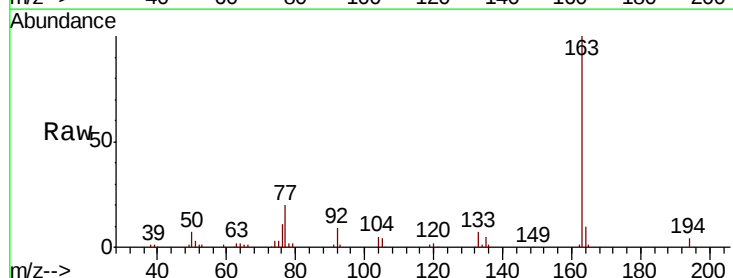
Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-S

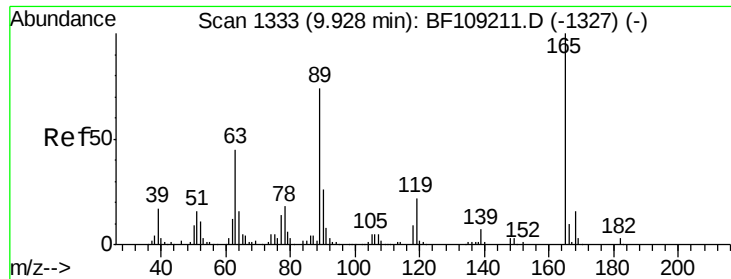
Tgt Ion:172 Resp: 1244709
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 8.783 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Tgt Ion:163 Resp: 116600
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.2 12.2

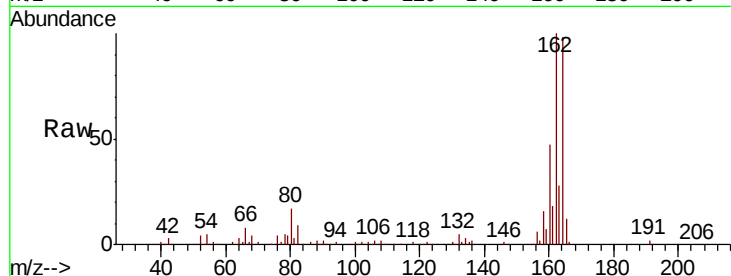




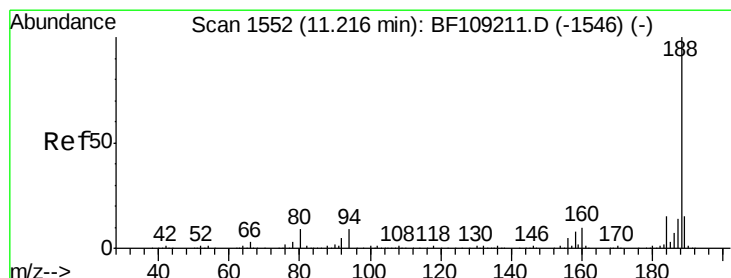
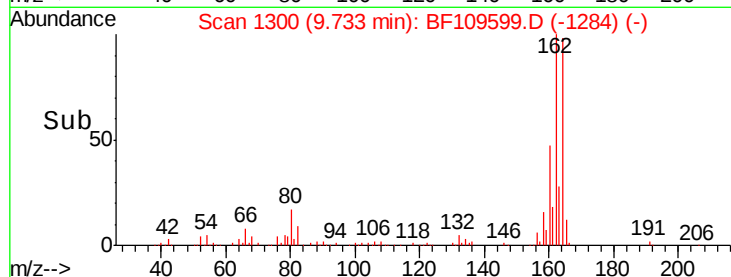
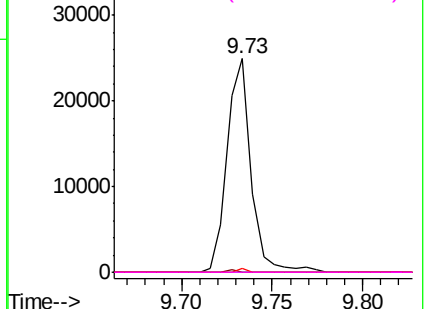
#56
2,4-Dinitrotoluene
Concen: 6.936 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-S

Tgt Ion:165 Resp: 23076
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#

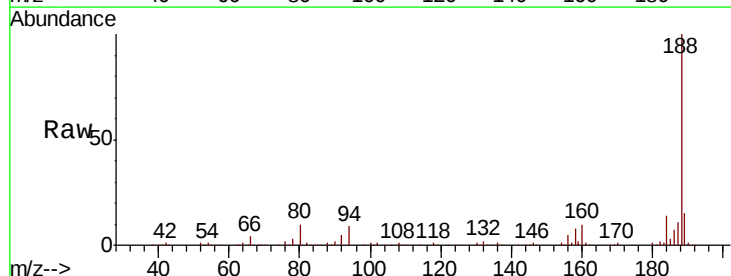


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

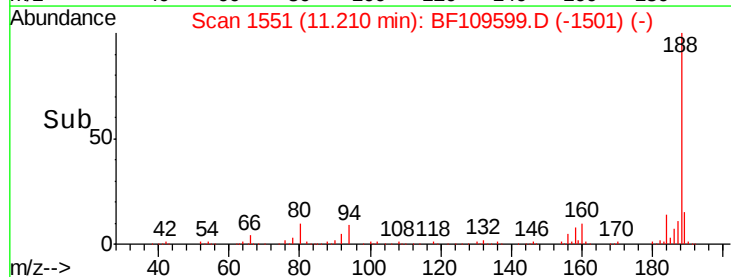
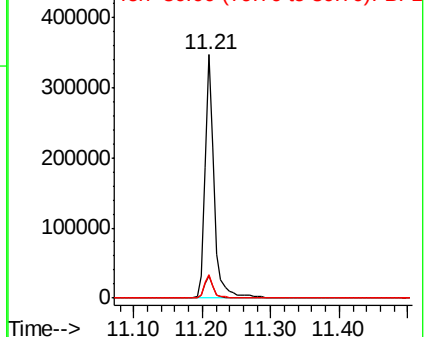


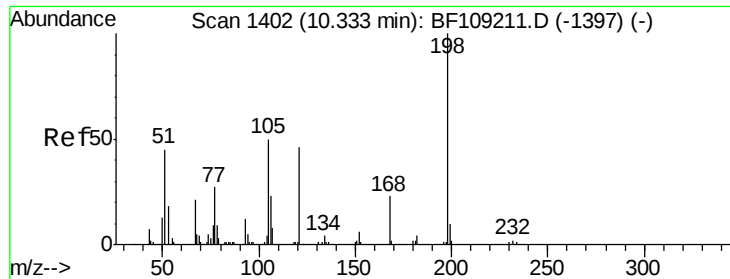
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Tgt Ion:188 Resp: 330956
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.7 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

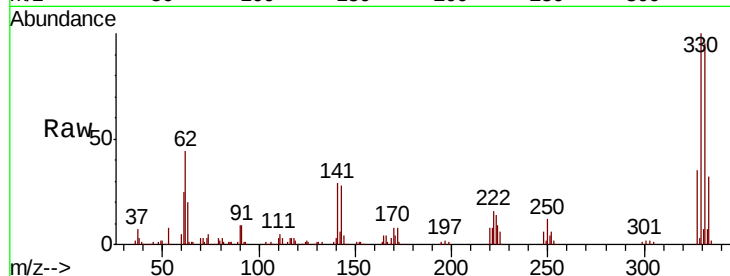




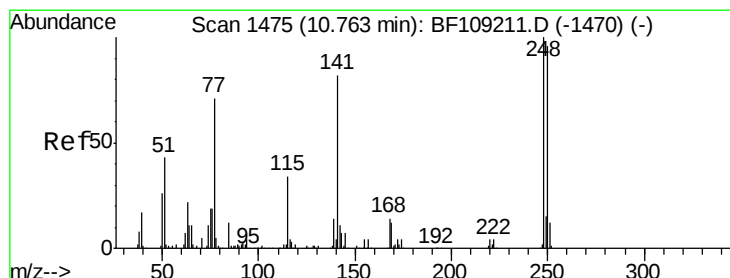
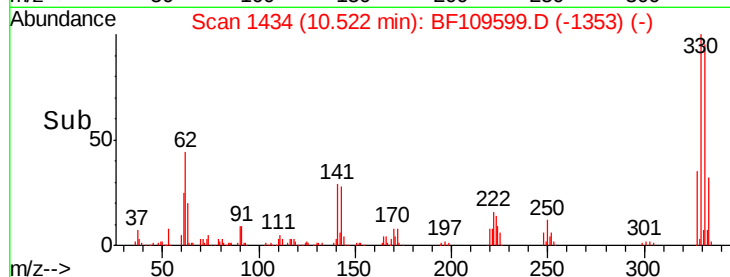
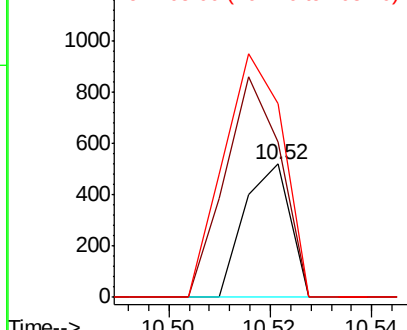
#64
4,6-Dinitro-2-methylphenol
Concen: 6.731 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-S

Tgt Ion:198 Resp: 324
Ion Ratio Lower Upper
198 100
51 116.6 37.7 77.7#
105 145.3 36.3 76.3#

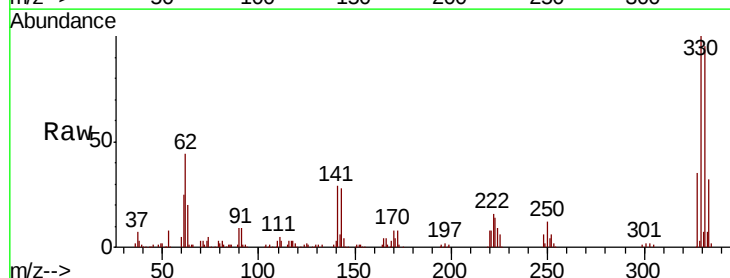


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

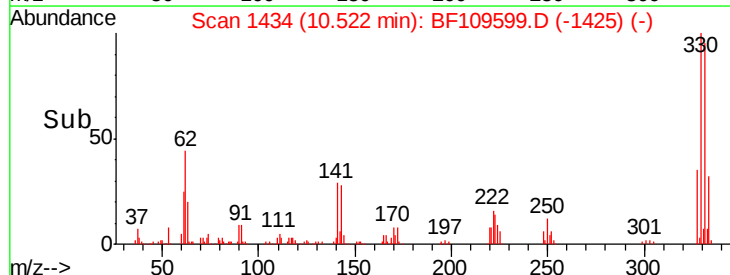
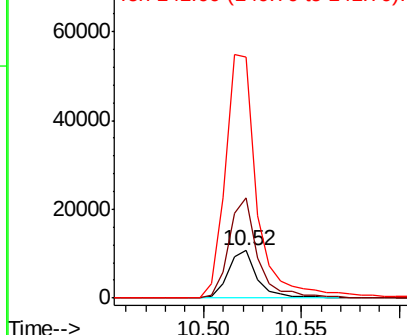


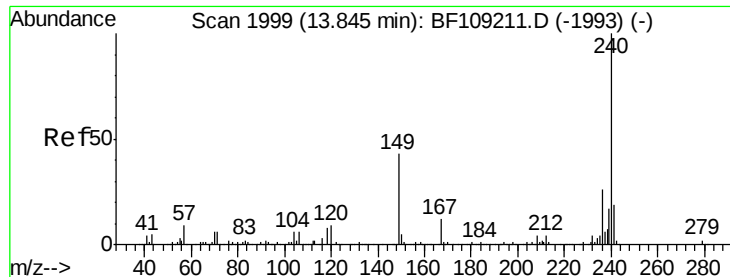
#66
4-Bromophenyl-phenylether
Concen: 3.009 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Tgt Ion:248 Resp: 11059
Ion Ratio Lower Upper
248 100
250 210.2 76.9 115.3#
141 509.6 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: BF109599.D

Acq: 4 Oct 2018 20:44

Instrument :

BNA_F

ClientSampleId :

100218-DBRI-E-D-S

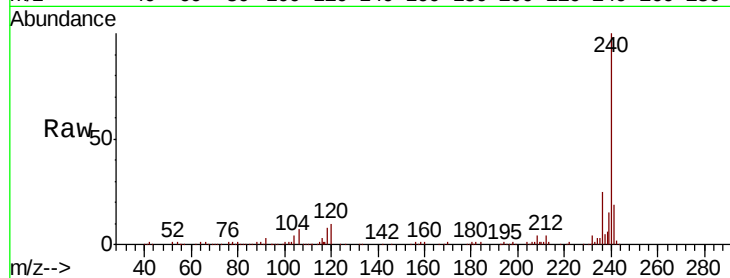
Tgt Ion:240 Resp: 216758

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

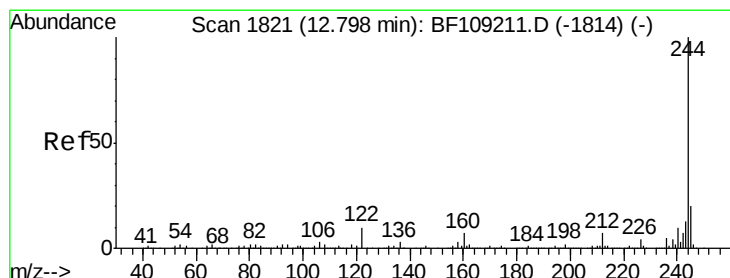
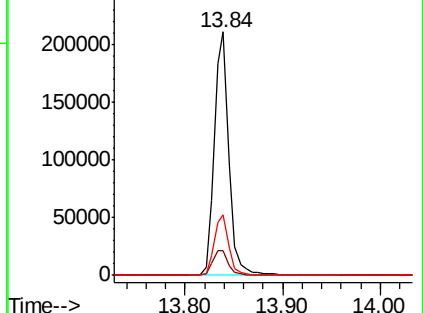
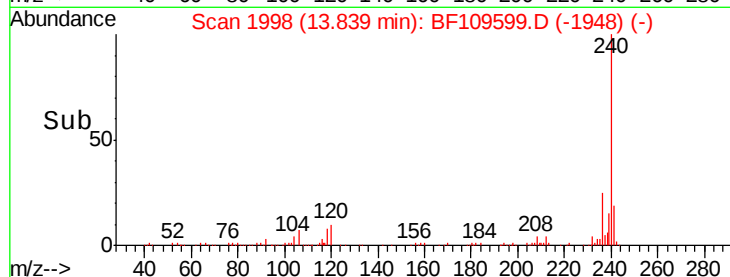
236 24.7 20.7 31.1



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: 115.406 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109599.D

Acq: 4 Oct 2018 20:44

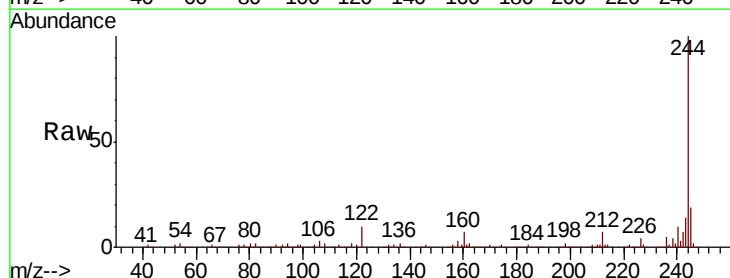
Tgt Ion:244 Resp: 1019294

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

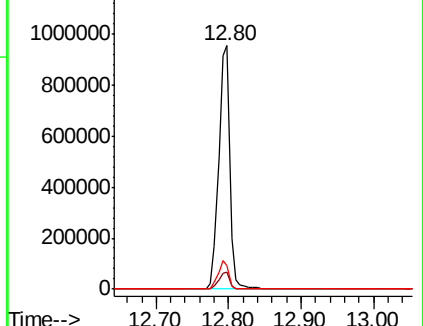
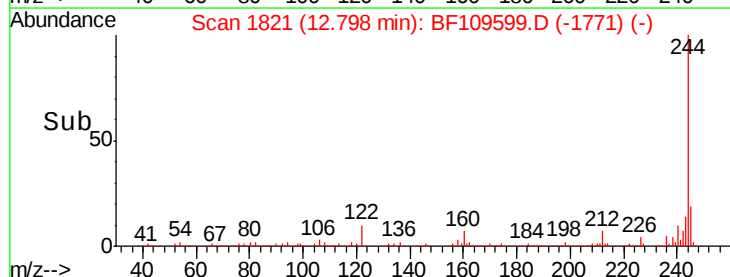
122 9.6 11.0 16.4#

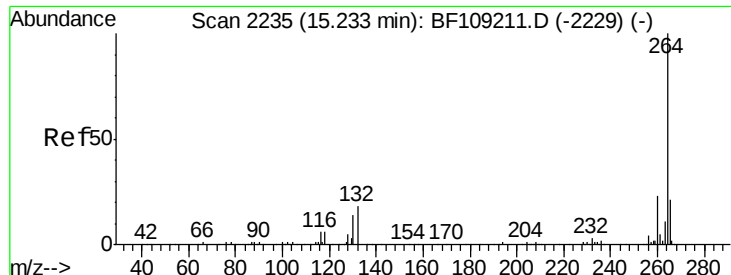


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109599.D
Acq: 4 Oct 2018 20:44

Instrument :
BNA_F
ClientSampleId :
100218-DBRI-E-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.5	26.3

