

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109509.D
 Acq On : 2 Oct 2018 18:41
 Operator : JU/SJ
 Sample : J5186-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-B

Quant Time: Oct 03 03:08:18 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	107170	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	411478	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	190356	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	342192	20.00	ng	0.00
75) Chrysene-d12	13.83	240	258014	20.00	ng	-0.01
86) Perylene-d12	15.24	264	265218	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	270376	41.55	ng	0.00
7) Phenol-d6	6.35	99	212722	25.62	ng	-0.01
23) Nitrobenzene-d5	7.27	82	696813	99.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	177831	94.77	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1202657	95.29	ng	-0.01
78) Terphenyl-d14	12.79	244	1063801	101.19	ng	-0.01

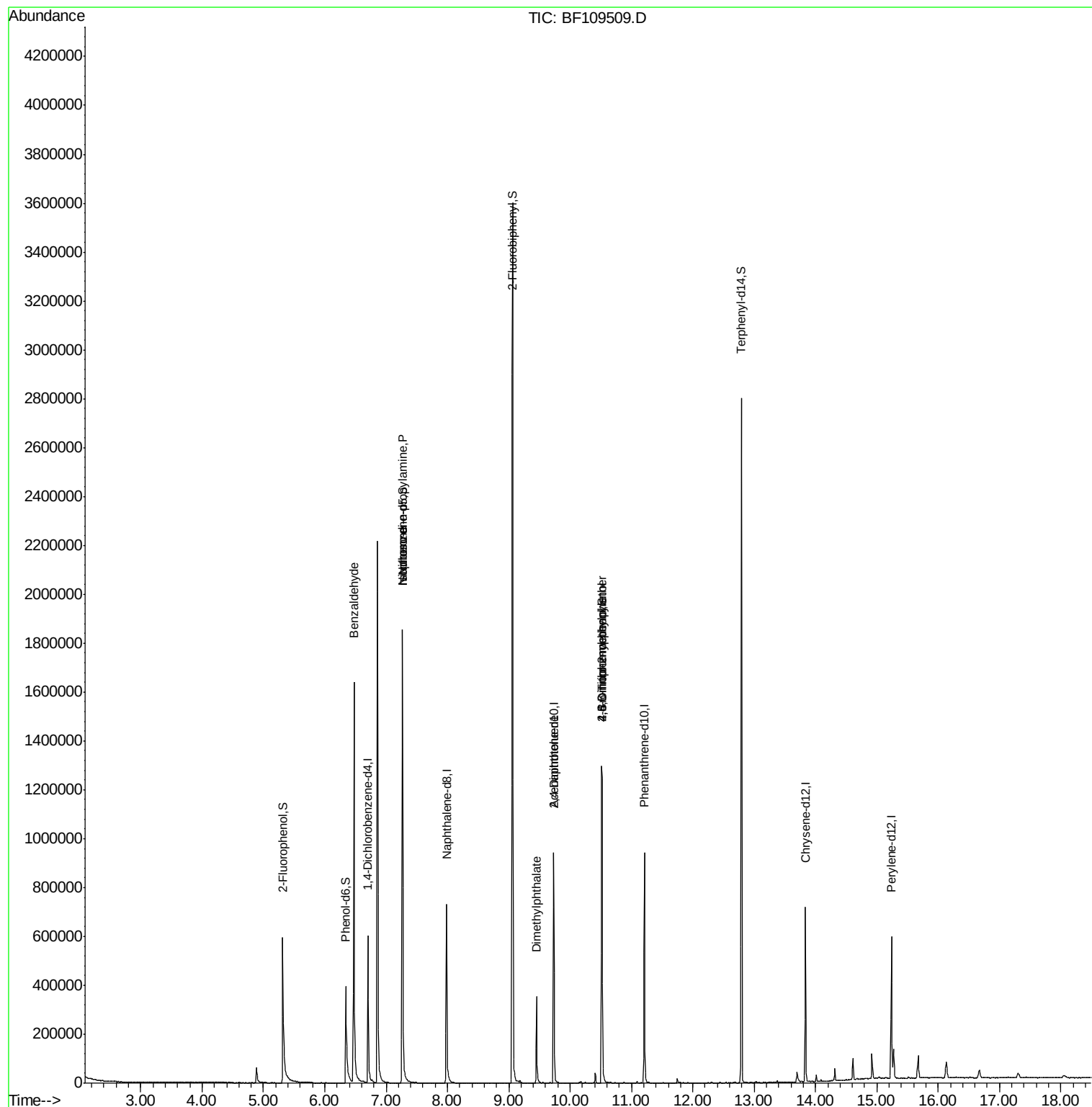
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11807	2.214	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	96036	17.652	ng	# 78
25) Isophorone	7.27	82	666303	53.083	ng	# 64
49) Dimethylphthalate	9.45	163	152306	11.001	ng	# 99
56) 2,4-Dinitrotoluene	9.73	165	24794	7.146	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	295	6.706	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10501	2.763	ng	# 1

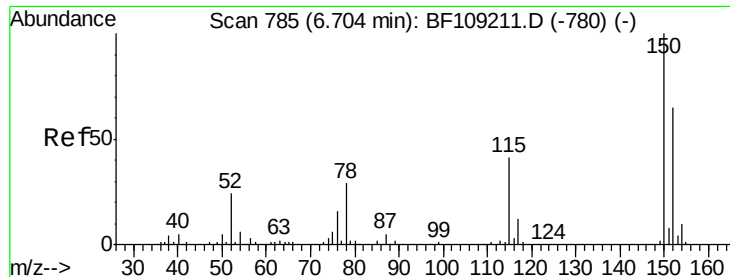
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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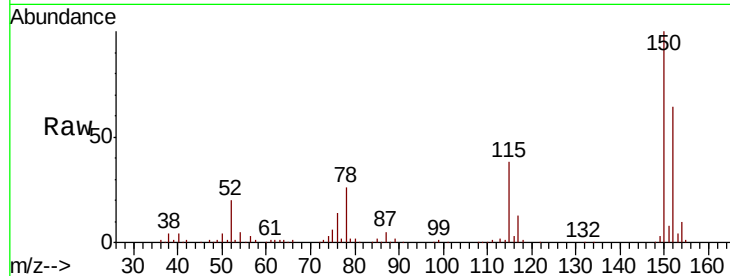


#1

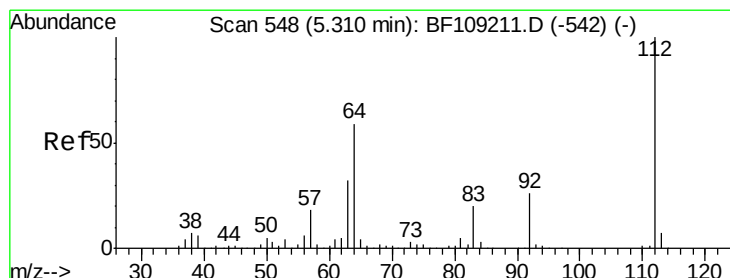
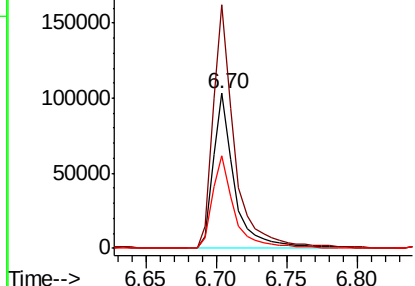
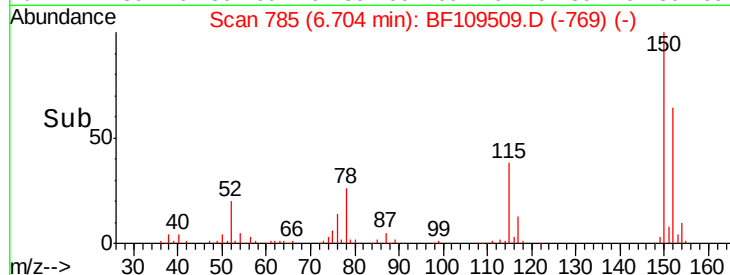
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109509.D
 Acq: 2 Oct 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-B

Tgt Ion:152 Resp: 107170
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 59.9 50.1 75.1



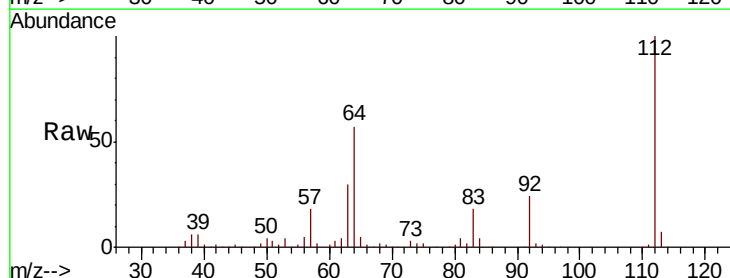
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



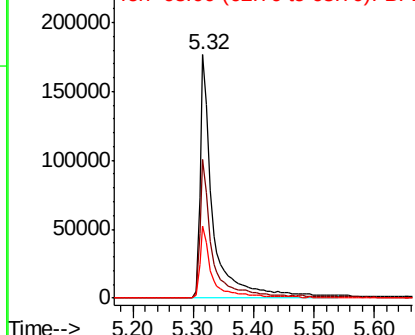
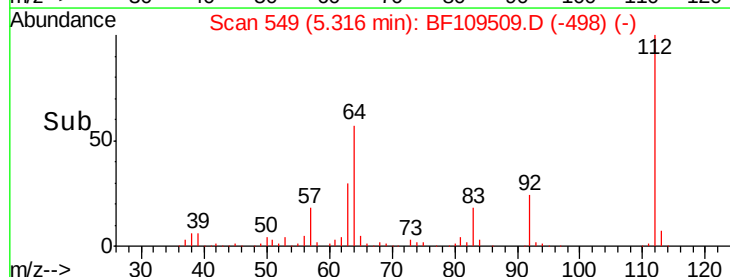
#5

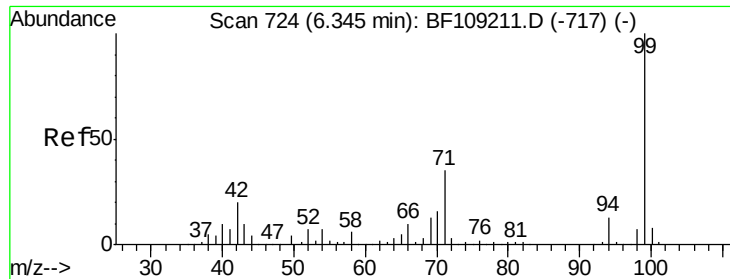
2-Fluorophenol
 Concen: 41.554 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109509.D
 Acq: 2 Oct 2018 18:41

Tgt Ion:112 Resp: 270376
 Ion Ratio Lower Upper
 112 100
 64 57.0 47.9 71.9
 63 29.5 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: 25.621 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-D-B

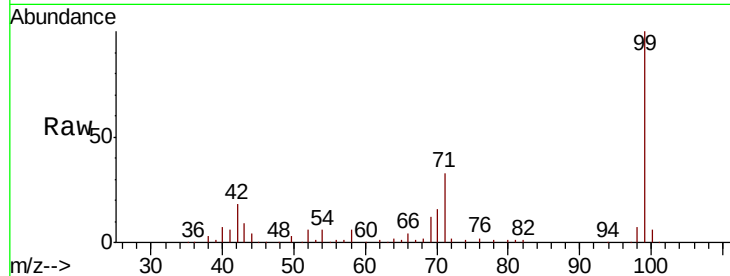
Tgt Ion: 99 Resp: 212722

Ion Ratio Lower Upper

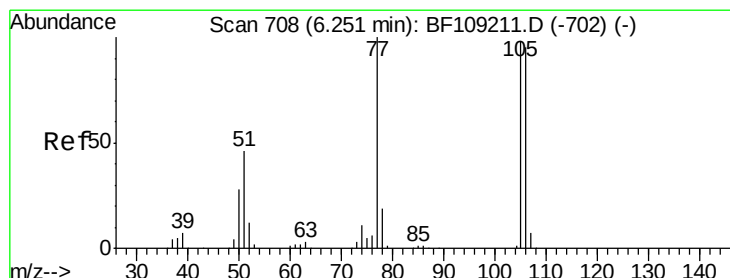
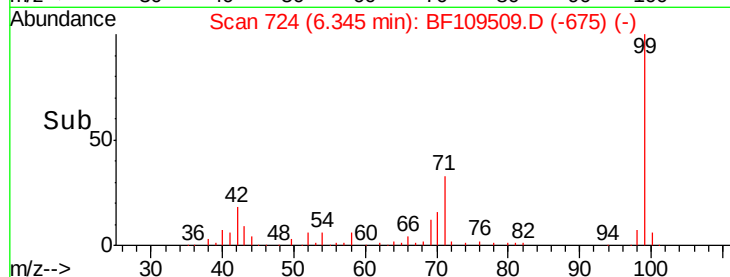
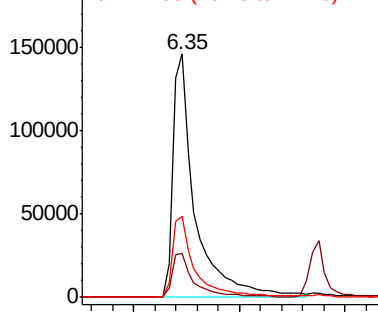
99 100

42 17.8 14.5 21.7

71 33.1 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: 2.214 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

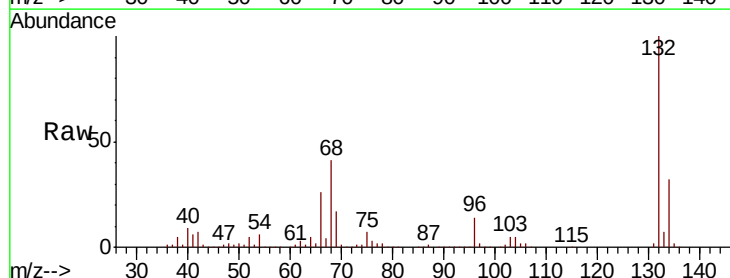
Tgt Ion: 77 Resp: 11807

Ion Ratio Lower Upper

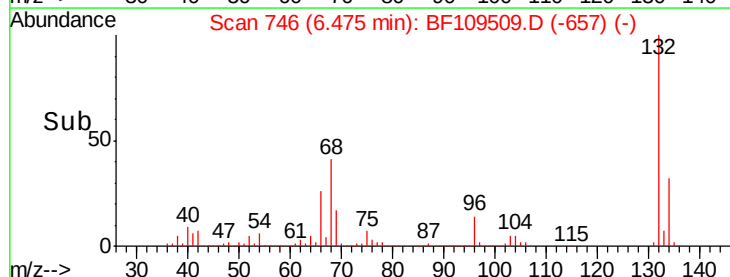
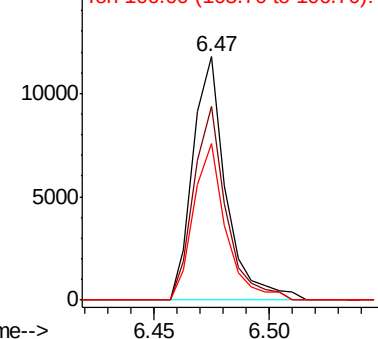
77 100

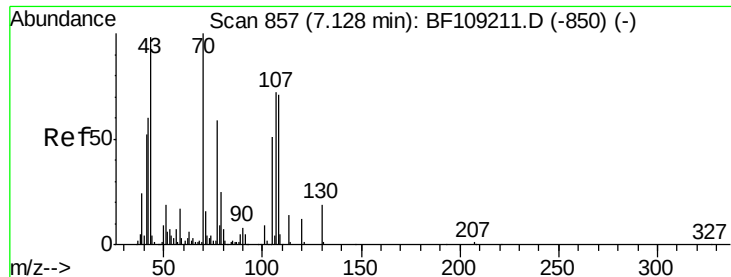
105 79.3 81.1 121.1#

106 64.4 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

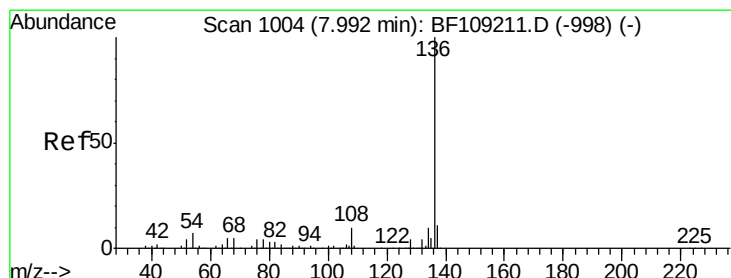
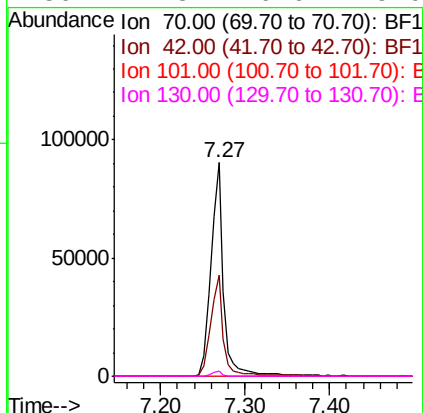
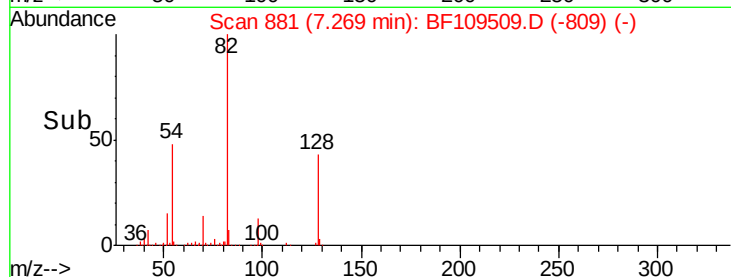
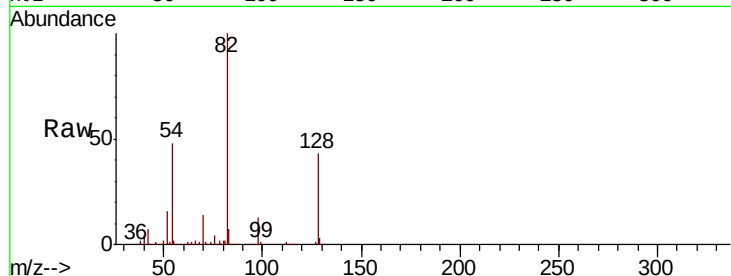




#19
n-Nitroso-di-n-propylamine
Concen: 17.652 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

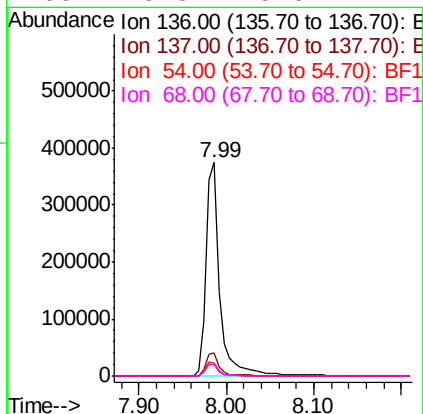
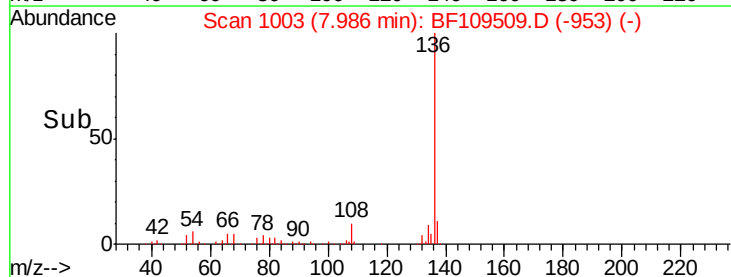
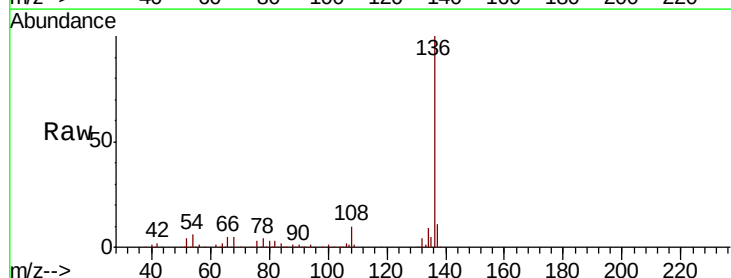
Instrument :
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ClientSampleId :
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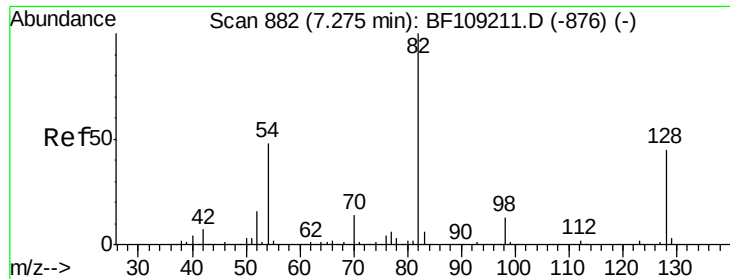
Tgt Ion: 70 Resp: 96036
Ion Ratio Lower Upper
70 100
42 47.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Tgt Ion: 136 Resp: 411478
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.2 6.6 9.8#
68 5.3 5.0 7.4

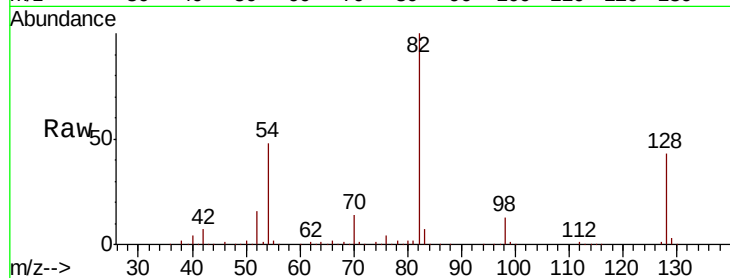




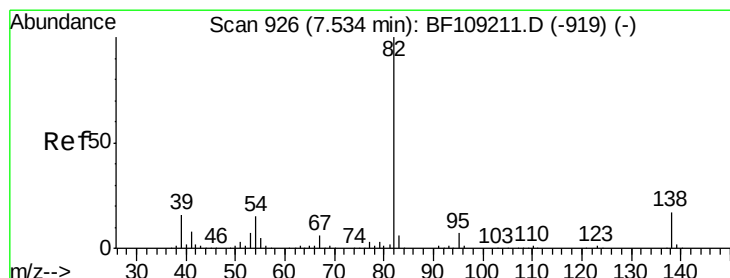
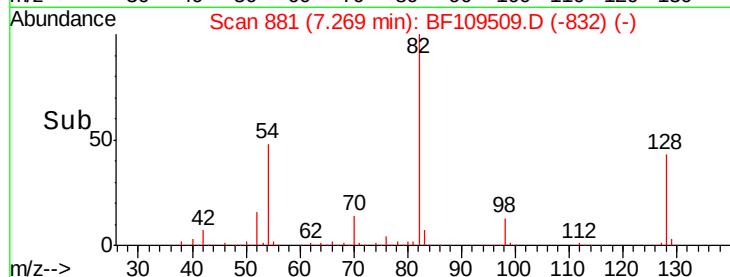
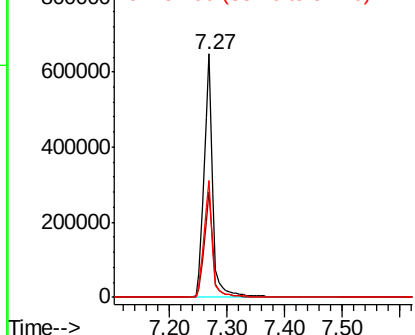
#23
Nitrobenzene-d5
Concen: 99.966 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-B

Tgt Ion: 82 Resp: 696813
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 48.1 41.4 62.2

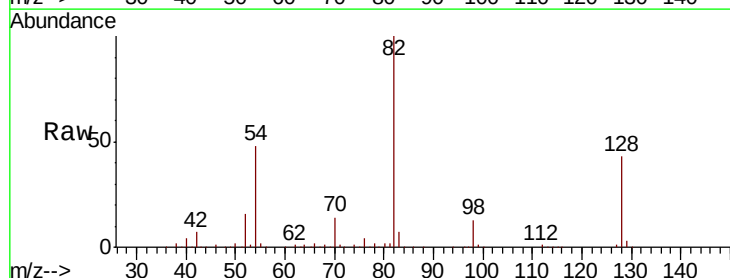


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

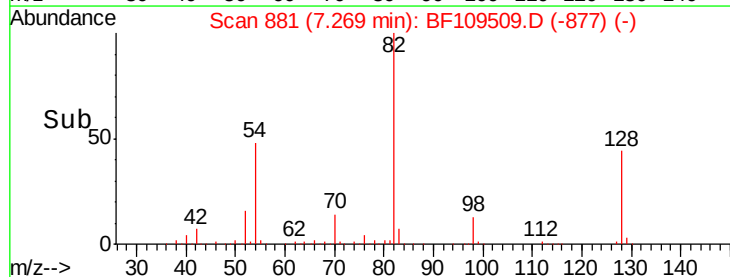
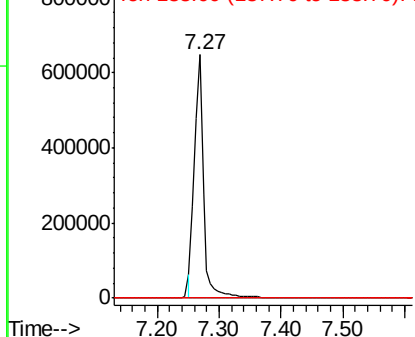


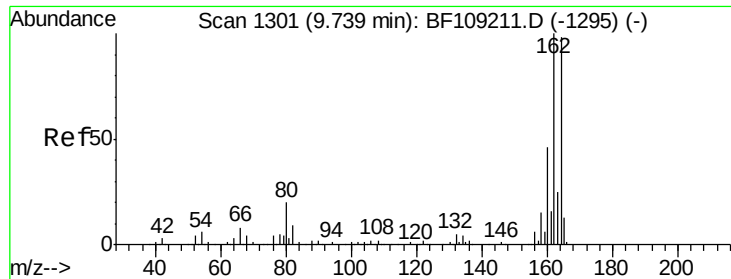
#25
Isophorone
Concen: 53.083 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Tgt Ion: 82 Resp: 666303
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

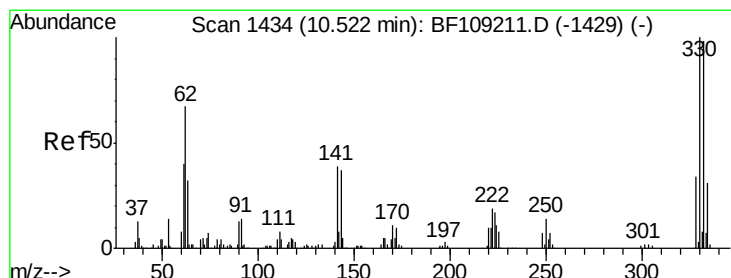
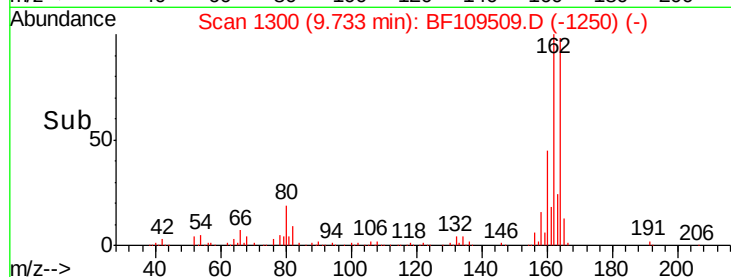
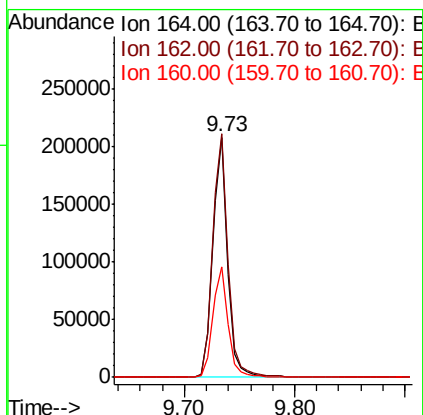
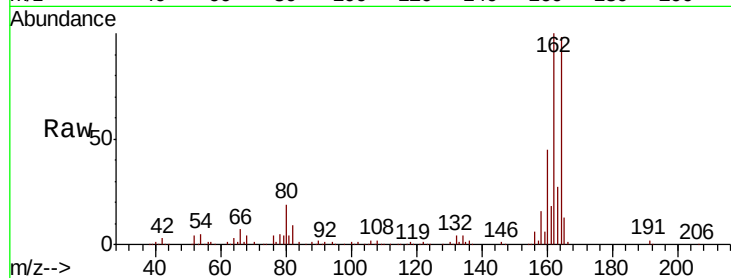




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109509.D
 Acq: 2 Oct 2018 18:41

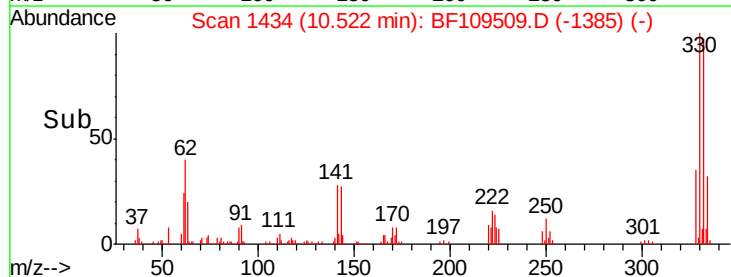
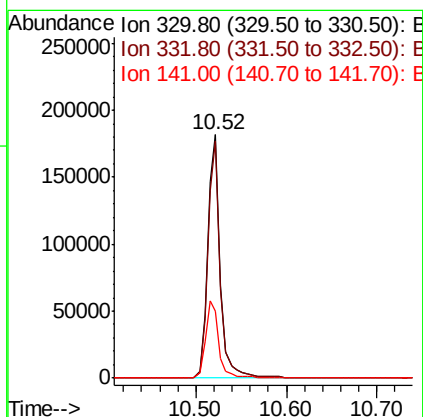
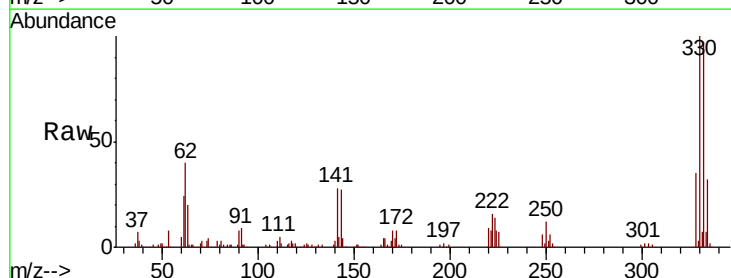
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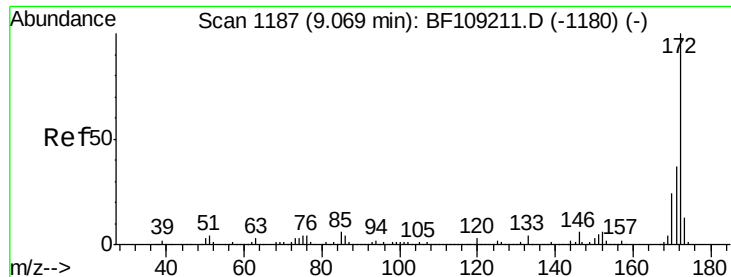
Tgt Ion:164 Resp: 190356
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 94.767 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109509.D
 Acq: 2 Oct 2018 18:41

Tgt Ion:330 Resp: 177831
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.4 29.9 44.9

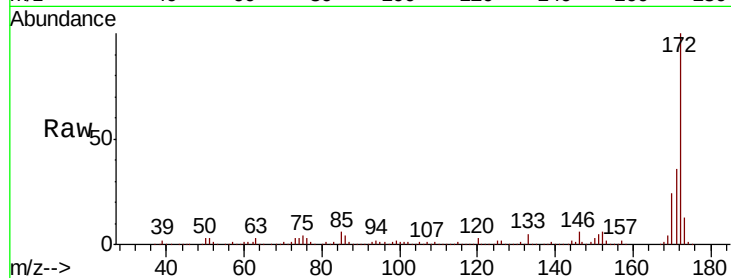




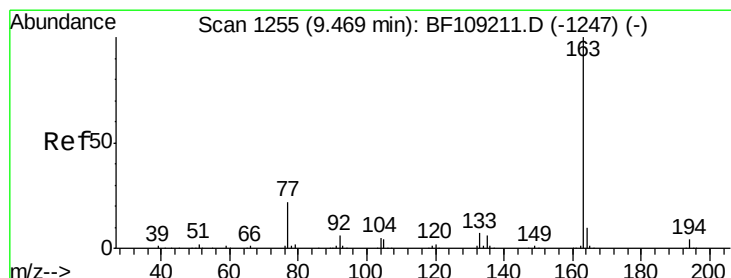
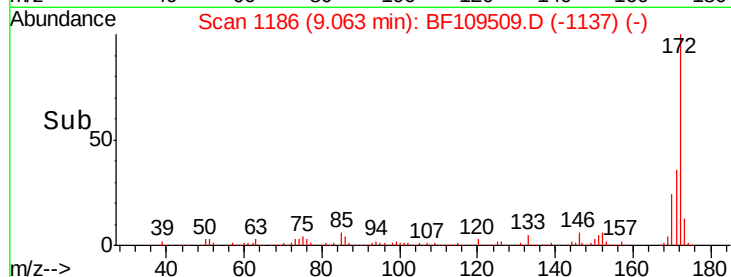
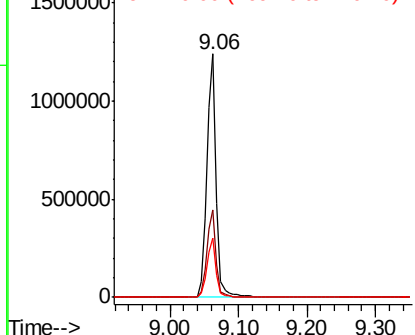
#44
2-Fluorobiphenyl
Concen: 95.287 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-B

Tgt Ion:172 Resp: 1202657
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.4 19.6 29.4

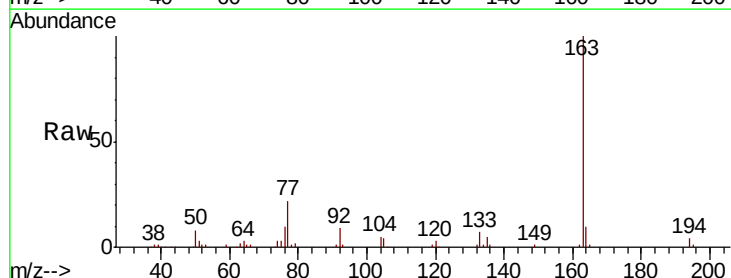


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

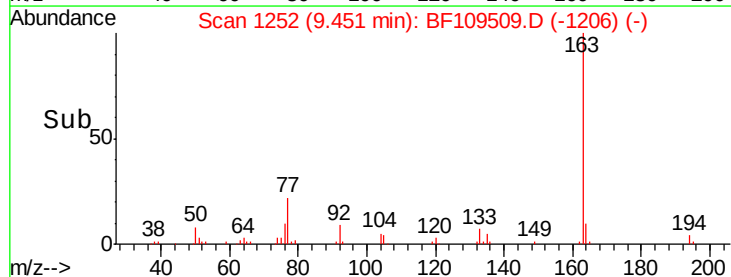
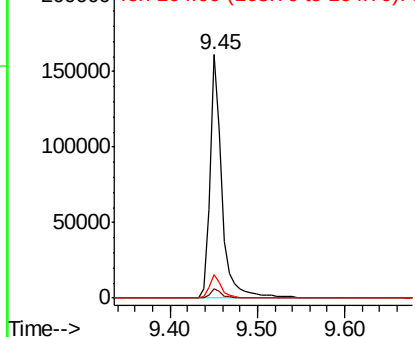


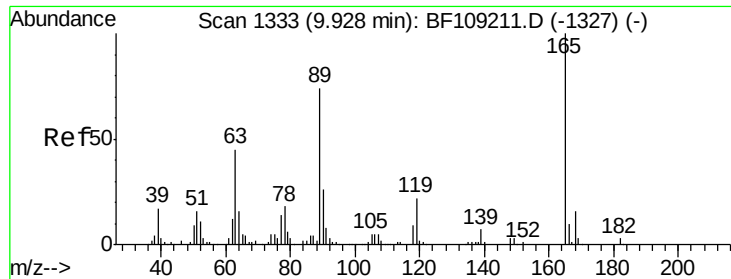
#49
Dimethylphthalate
Concen: 11.001 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Tgt Ion:163 Resp: 152306
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 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

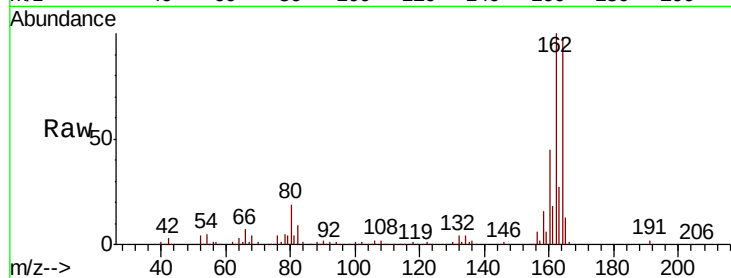




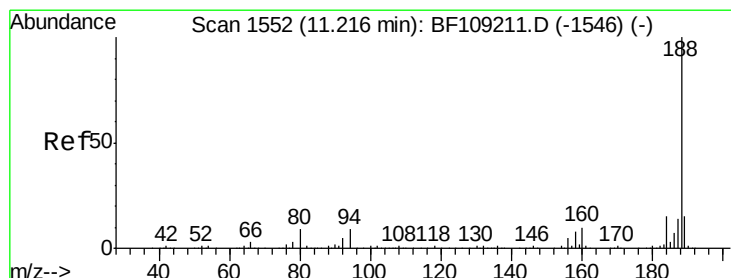
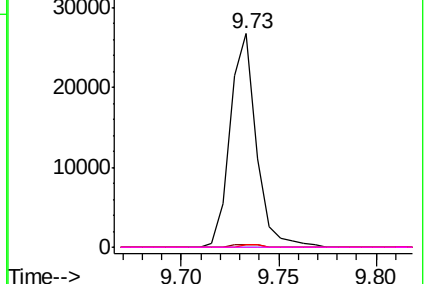
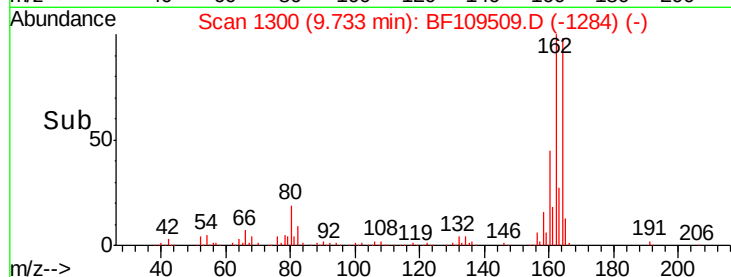
#56
 2,4-Dinitrotoluene
 Concen: 7.146 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109509.D
 Acq: 2 Oct 2018 18:41

Instrument :
 BNA_F
 ClientSampleId :
 092718-DBRI-F-D-B

Tgt Ion:165 Resp: 24794
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

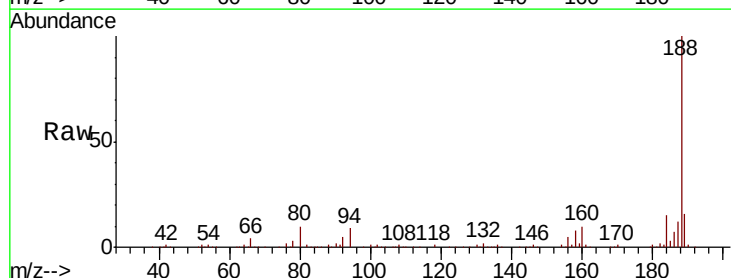


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

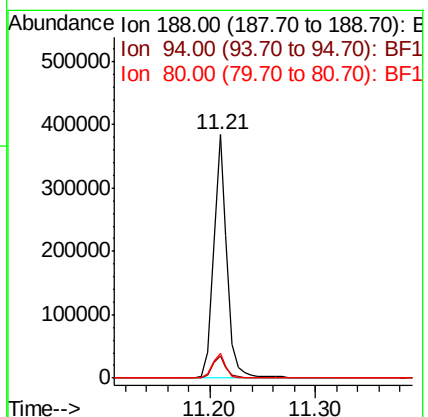
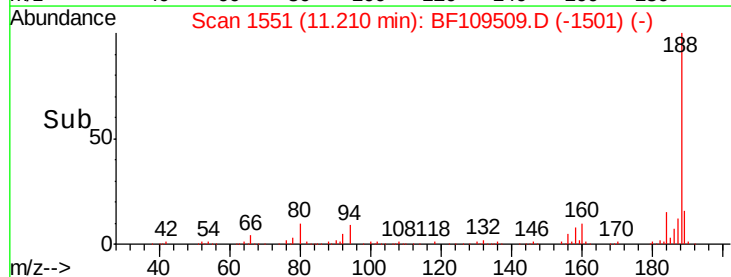


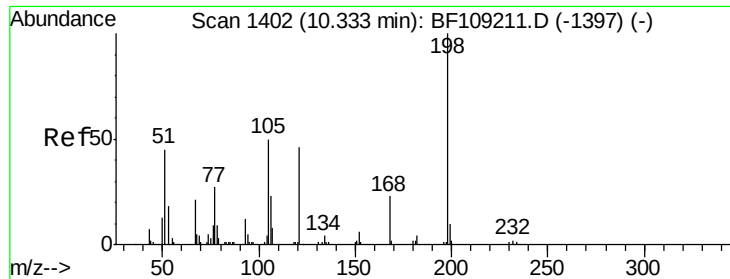
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109509.D
 Acq: 2 Oct 2018 18:41

Tgt Ion:188 Resp: 342192
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 10.0 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

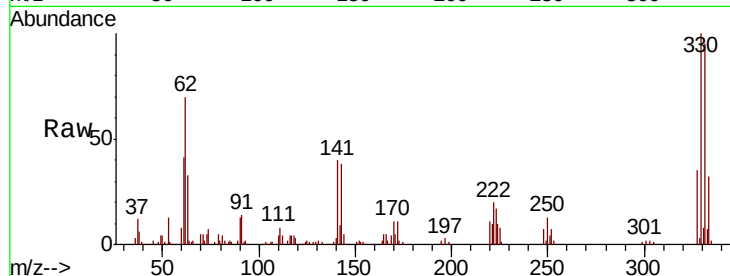




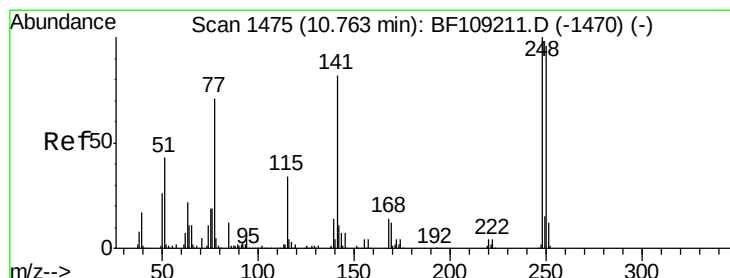
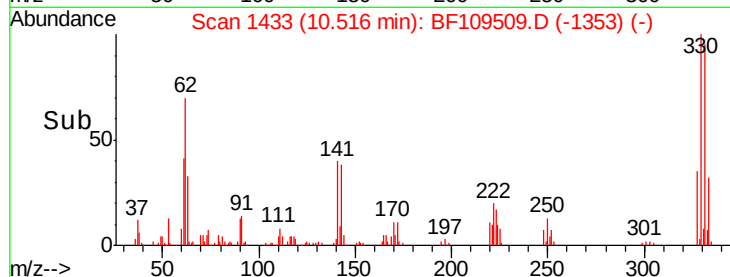
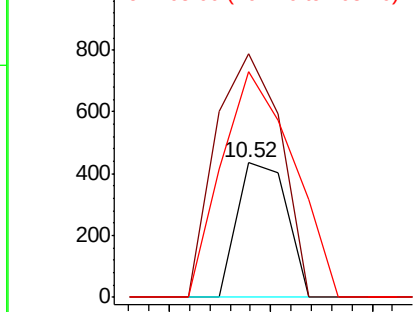
#64
4,6-Dinitro-2-methylphenol
Concen: 6.706 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-B

Tgt Ion:198 Resp: 295
Ion Ratio Lower Upper
198 100
51 181.6 37.7 77.7#
105 168.4 36.3 76.3#

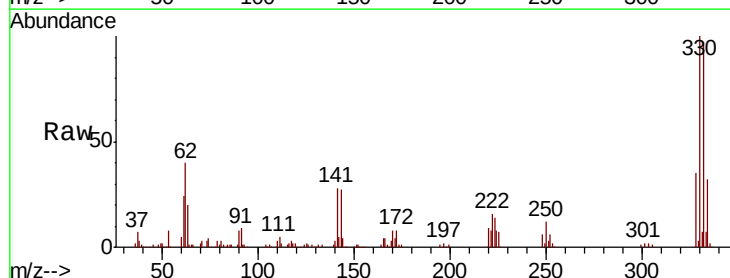


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

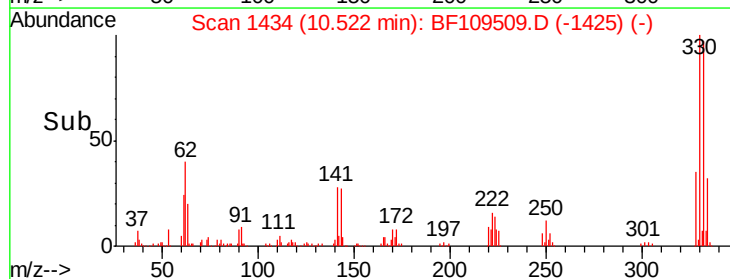
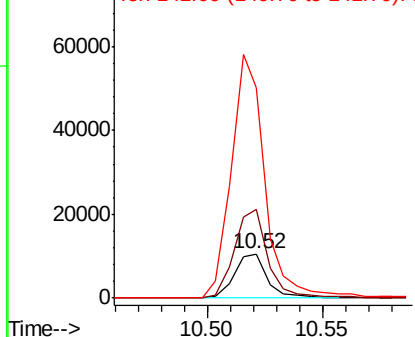


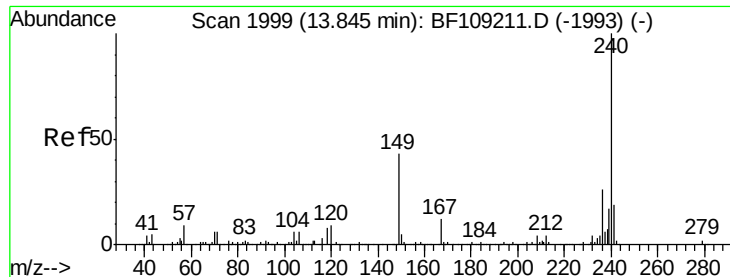
#66
4-Bromophenyl-phenylether
Concen: 2.763 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109509.D
Acq: 2 Oct 2018 18:41

Tgt Ion:248 Resp: 10501
Ion Ratio Lower Upper
248 100
250 199.4 76.9 115.3#
141 474.2 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

Instrument :

BNA_F

ClientSampleId :

092718-DBRI-F-D-B

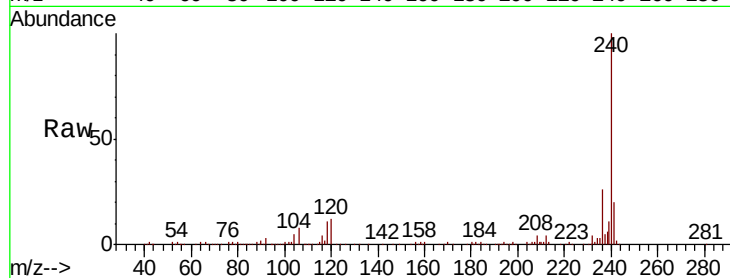
Tgt Ion:240 Resp: 258014

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

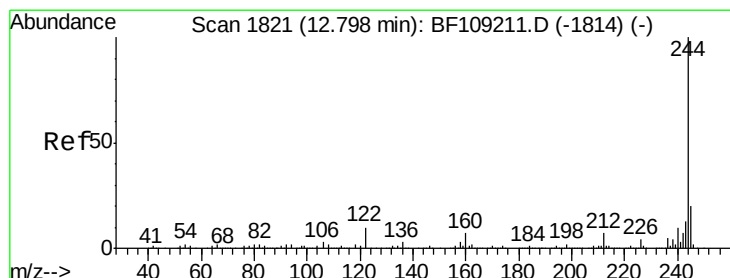
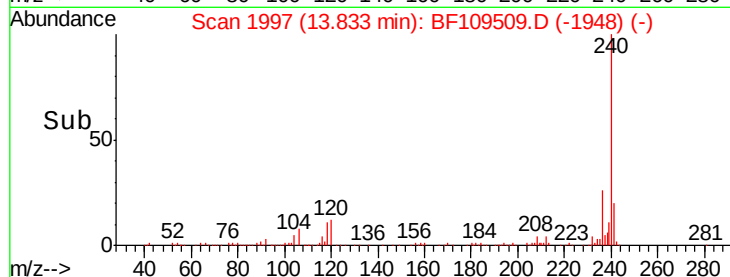
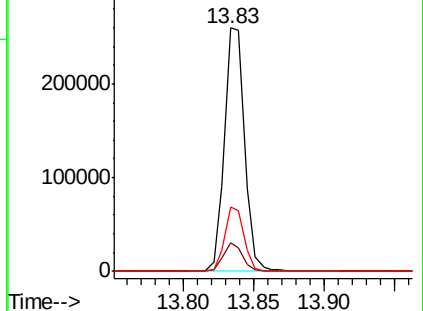
236 26.2 20.7 31.1



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: 101.186 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109509.D

Acq: 2 Oct 2018 18:41

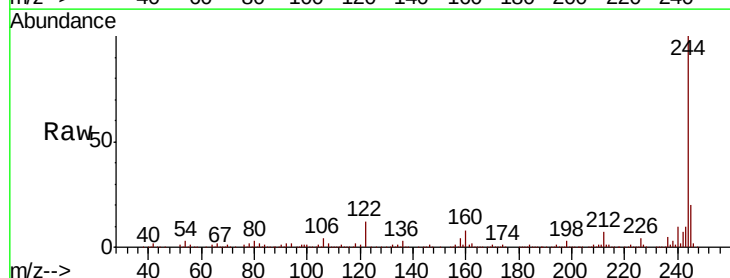
Tgt Ion:244 Resp: 1063801

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

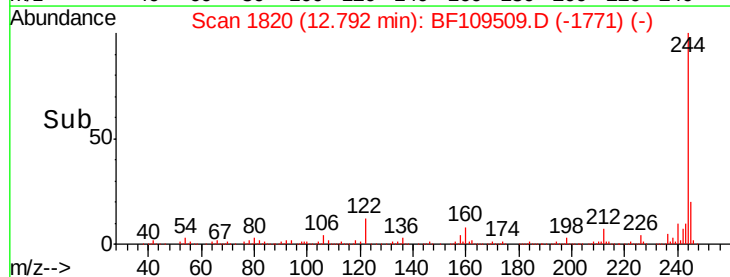
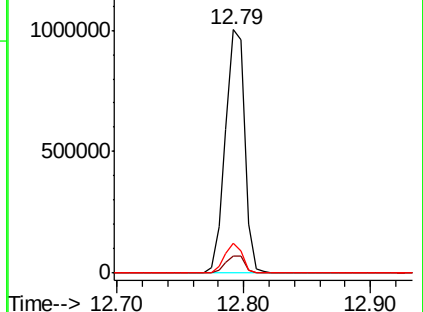
122 12.5 11.0 16.4

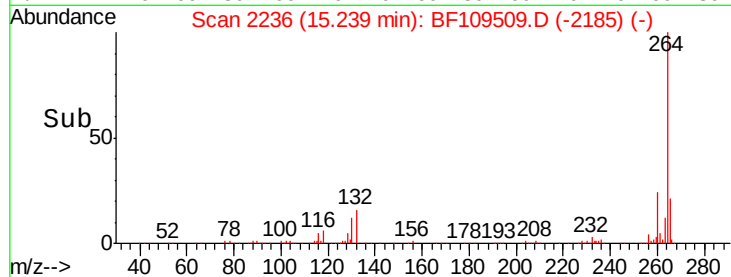
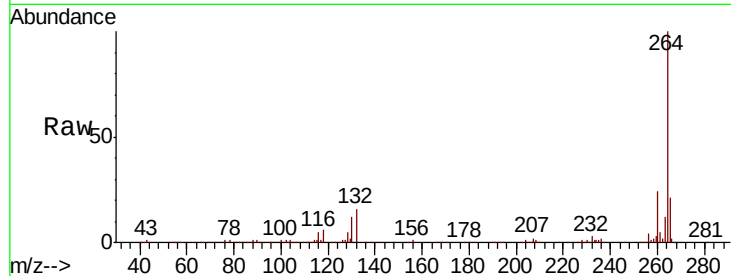
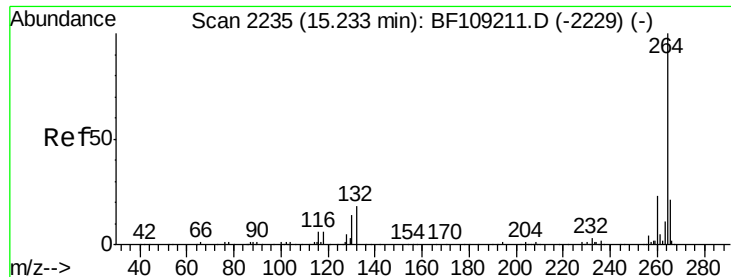


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109509.D
Acq: 2 Oct 2018 18:41

Instrument :
BNA_F
ClientSampleId :
092718-DBRI-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

