

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107776.D
 Acq On : 28 Jul 2018 5:36
 Operator : JU/SJ
 Sample : J4199-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Quant Time: Jul 30 01:33:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	150341	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	597724	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	240482	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	412296	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	424280	20.00	ng	-0.02
86) Perylene-d12	15.68	264	340495	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	434566	46.47	ng	-0.01
7) Phenol-d6	6.60	99	375580	33.45	ng	-0.01
23) Nitrobenzene-d5	7.53	82	939809	106.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	368081	134.60	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1696355	147.63	ng	-0.02
78) Terphenyl-d14	13.08	244	1481412	89.39	ng	-0.02

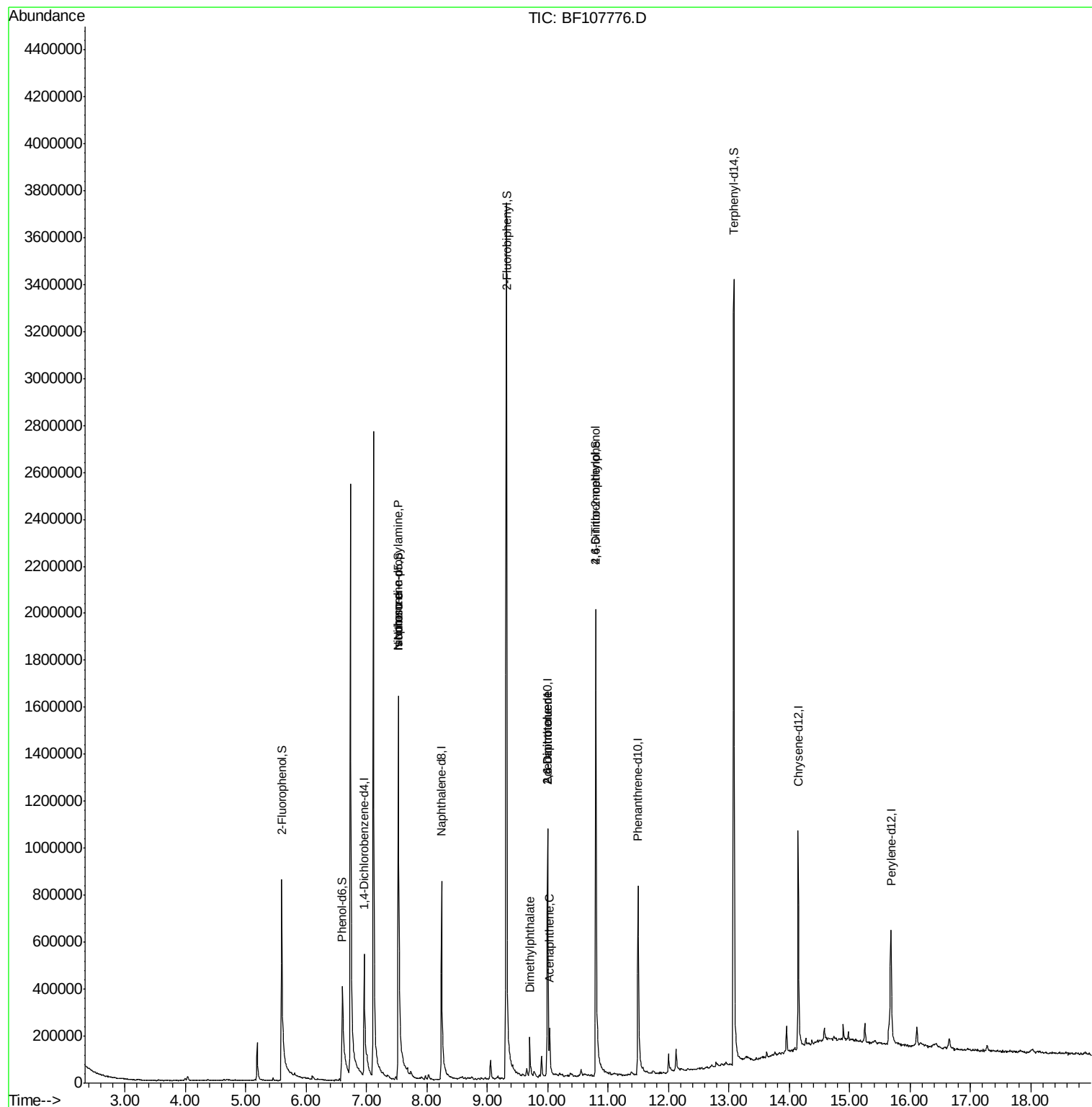
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	114438	15.777	ng	# 79
25) Isophorone	7.53	82	945696	50.008	ng	# 64
49) Dimethylphthalate	9.71	163	82546	4.554	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	29875	8.302	ng	# 27
51) Acenaphthene	10.03	154	44164	2.930	ng	# 96
56) 2,4-Dinitrotoluene	10.00	165	30195	6.952	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	625	8.938	ng	# 1
73) Di-n-butylphthalate	12.04	149	3876	Below Cal		# 89
81) 3,3'-Dichlorobenzidine	14.07	252	216	Below Cal		# 1

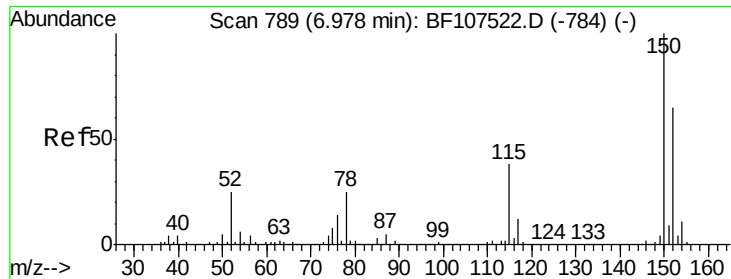
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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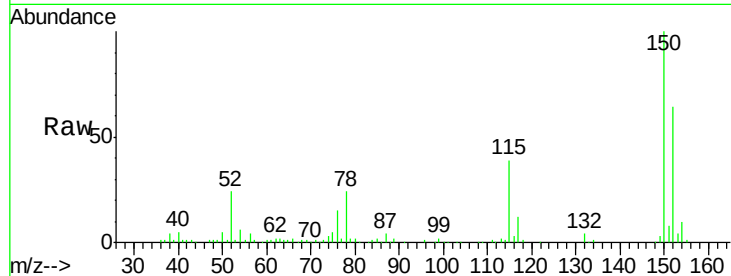


#1

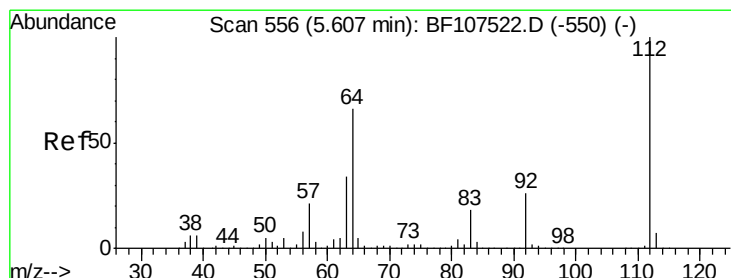
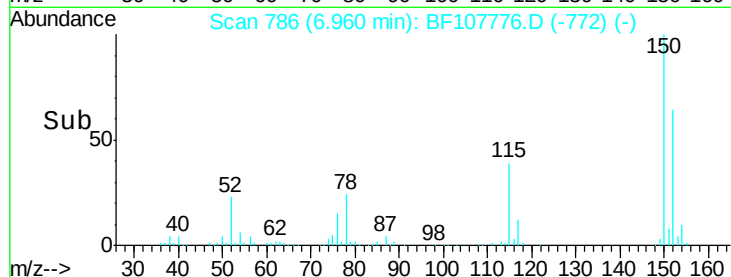
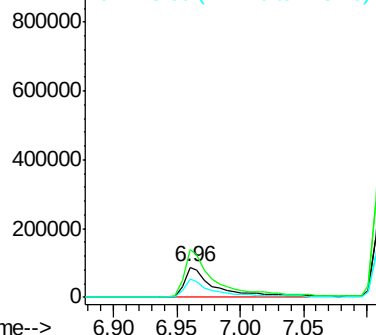
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Instrument :
BNA_F
ClientSampleId :
MW-33

Tgt Ion:152 Resp: 150341
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 60.5 50.1 75.1



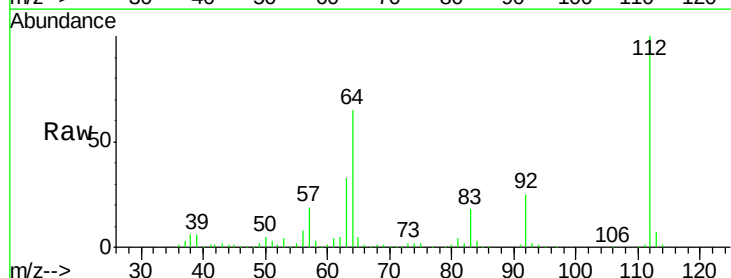
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



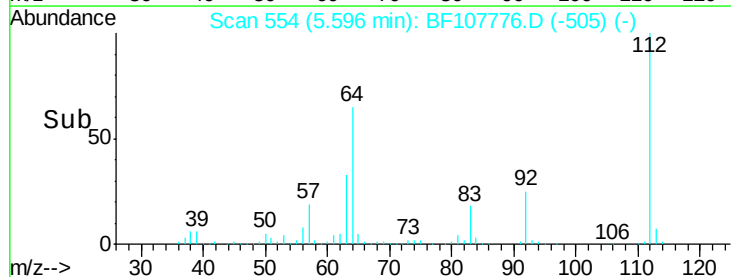
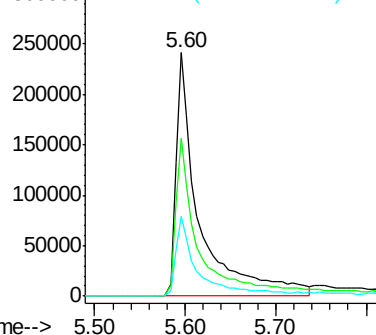
#5

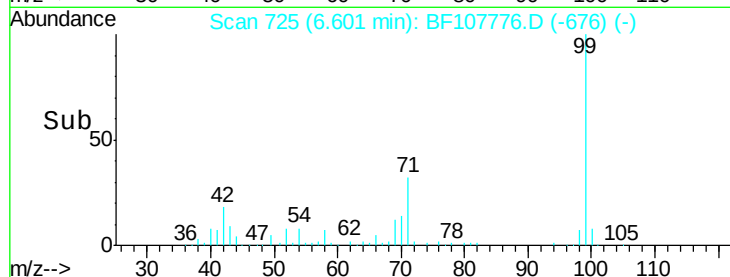
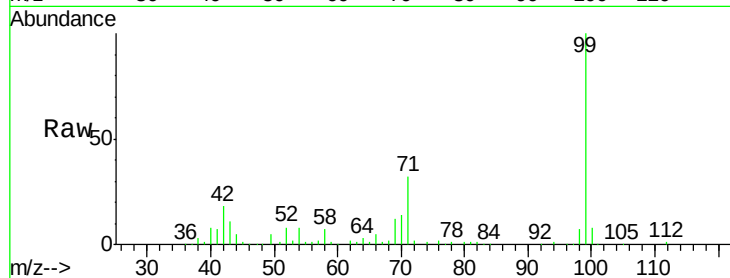
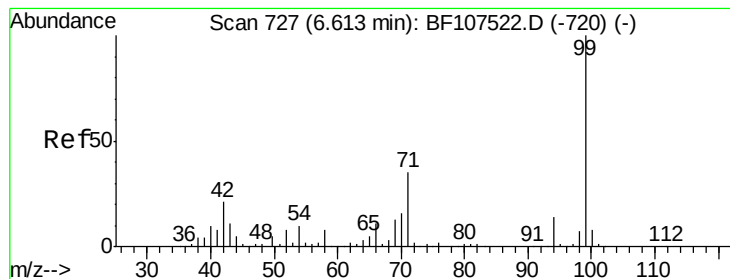
2-Fluorophenol
Concen: 46.474 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Tgt Ion:112 Resp: 434566
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 32.6 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: 33.451 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Instrument :

BNA_F

ClientSampleId :

MW-33

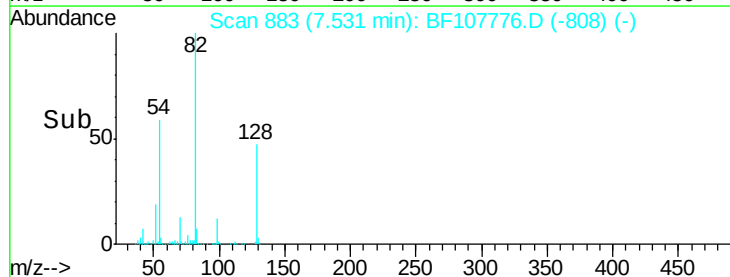
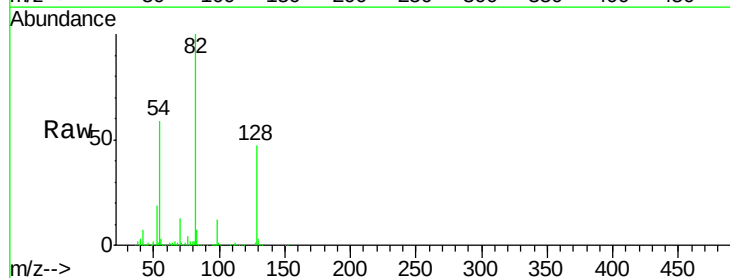
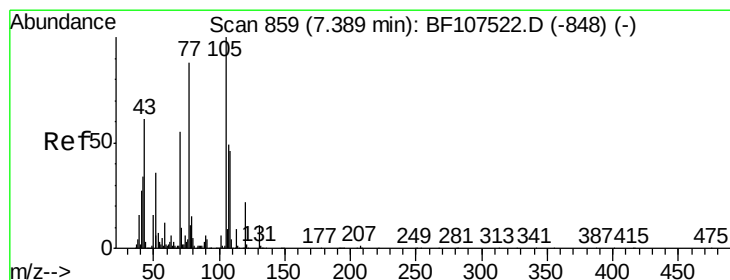
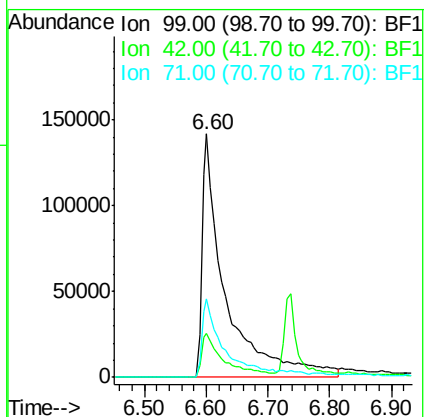
Tgt Ion: 99 Resp: 375580

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.777 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Tgt Ion: 70 Resp: 114438

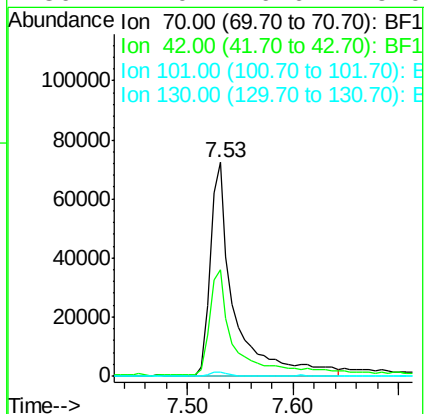
Ion Ratio Lower Upper

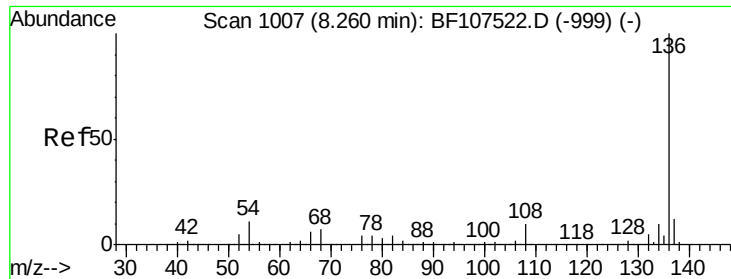
70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

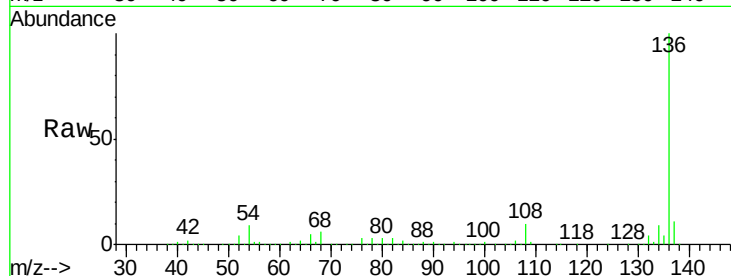




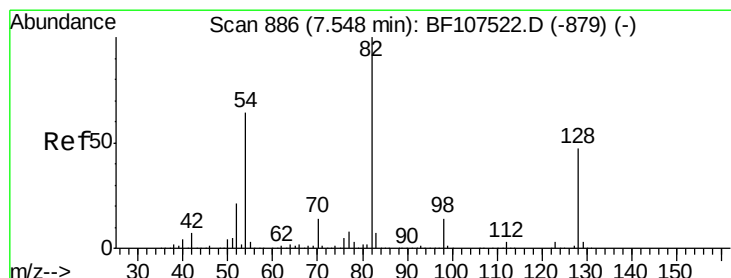
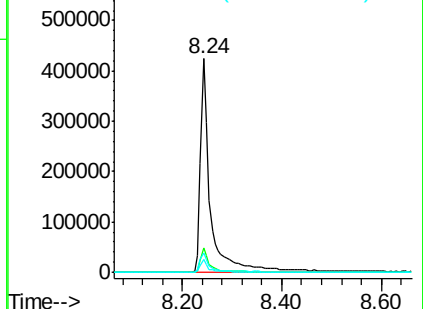
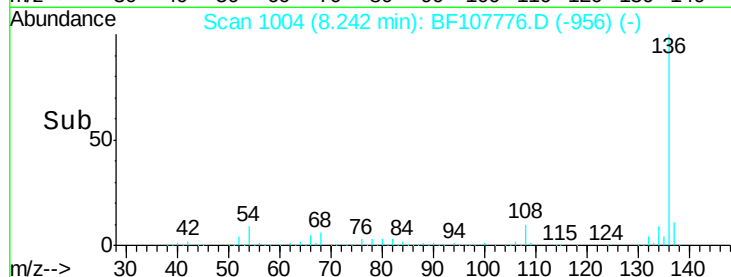
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Instrument :
BNA_F
ClientSampleId :
MW-33

Tgt Ion:	136	Resp:	597724
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	5.8	5.0	7.4

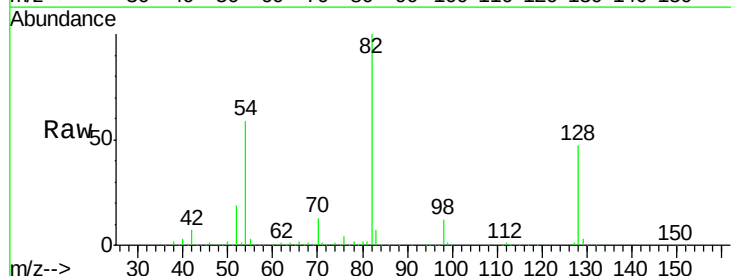


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

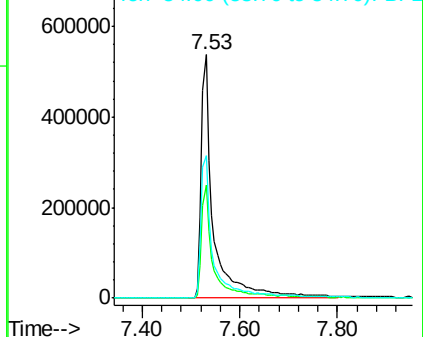
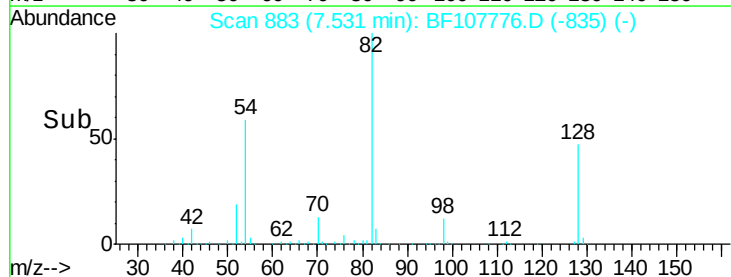


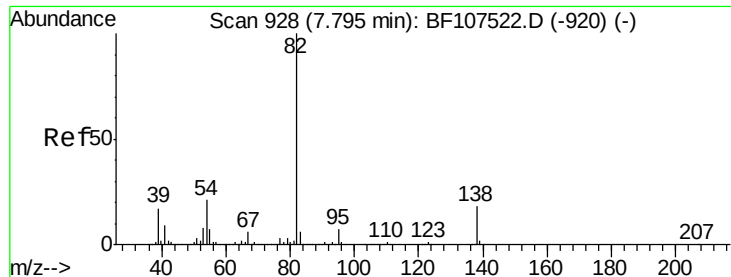
#23
Nitrobenzene-d5
Concen: 106.112 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Tgt Ion:	82	Resp:	939809
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	58.7	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: 50.008 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Instrument :

BNA_F

ClientSampleId :

MW-33

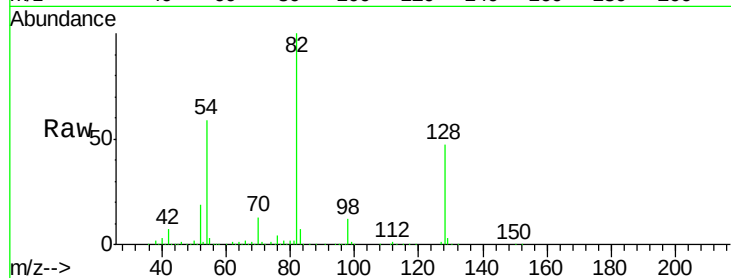
Tgt Ion: 82 Resp: 945696

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

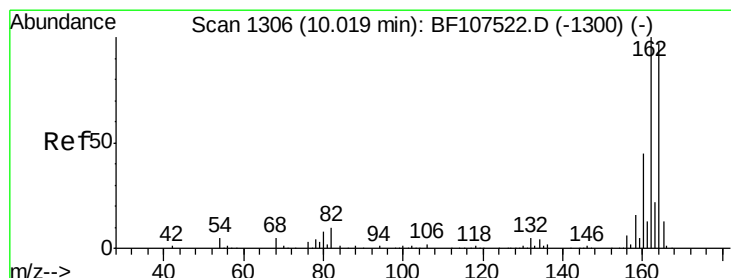
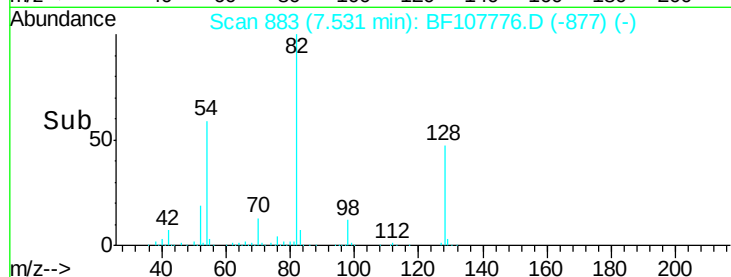
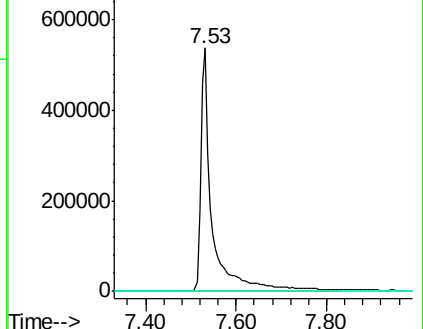
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

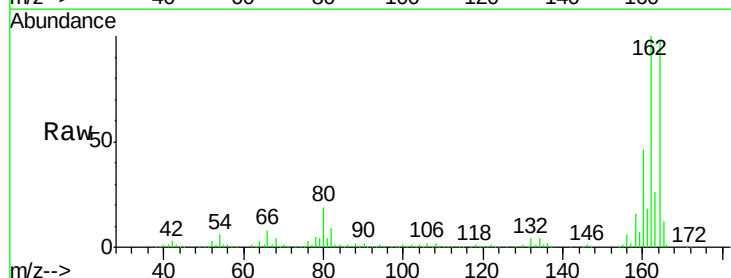
Tgt Ion: 164 Resp: 240482

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

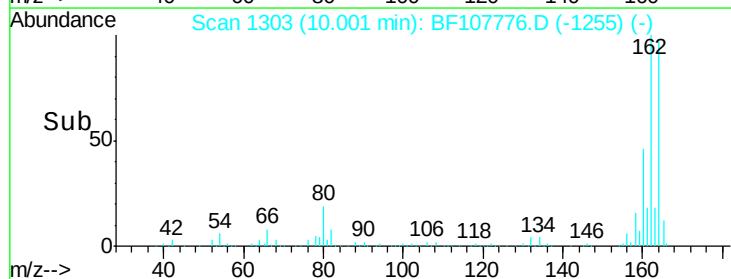
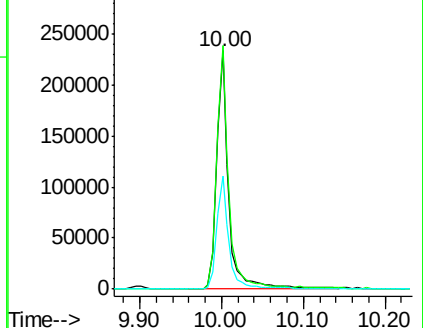
160 47.2 38.3 57.5

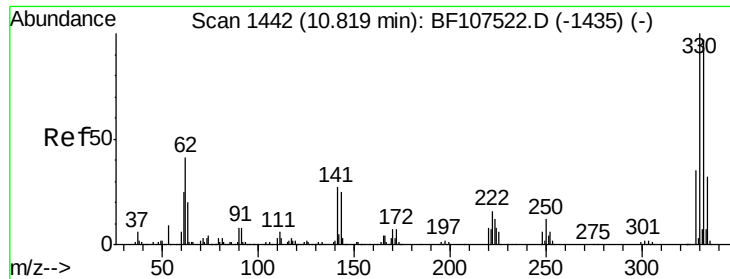


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

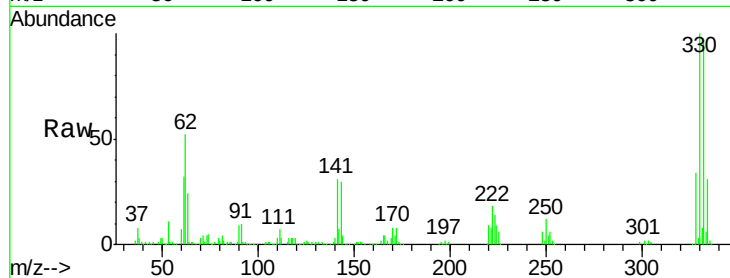




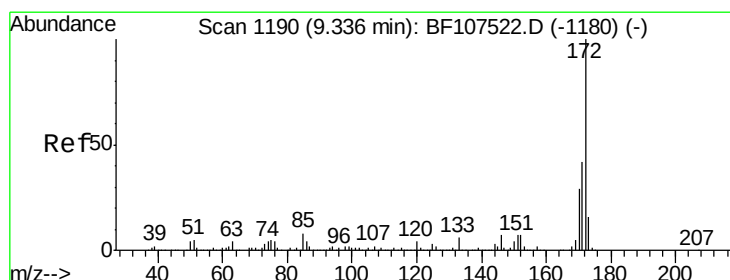
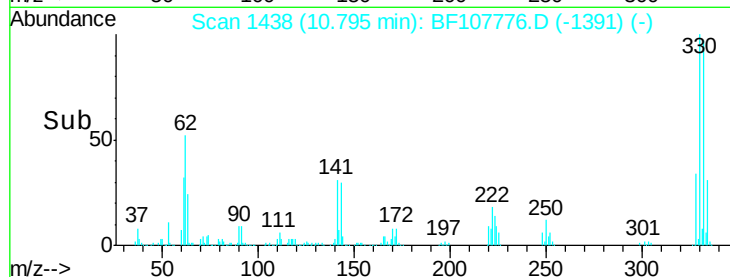
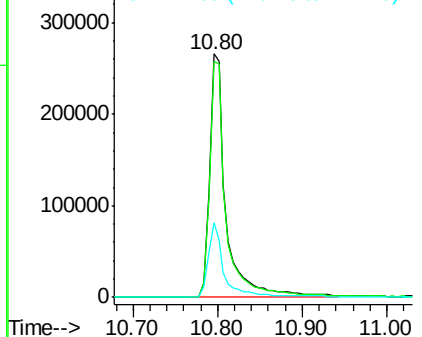
#41
 2,4,6-Tribromophenol
 Concen: 134.599 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107776.D
 Acq: 28 Jul 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tgt Ion:330 Resp: 368081
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 30.0 29.9 44.9

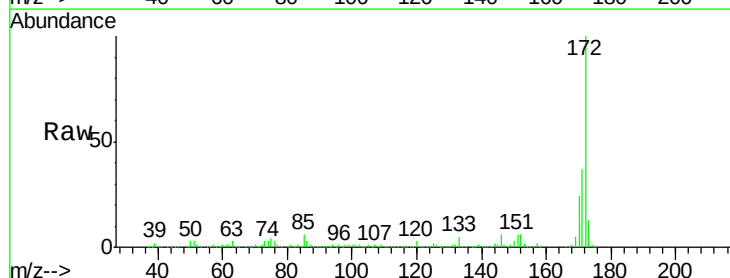


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

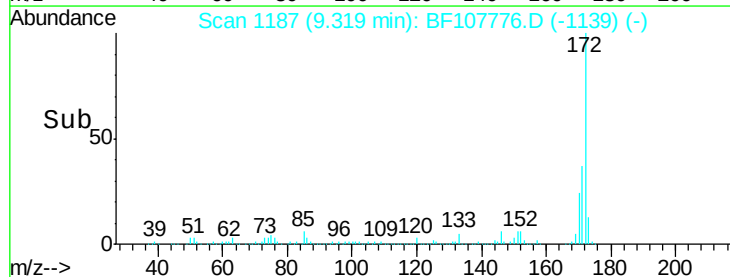
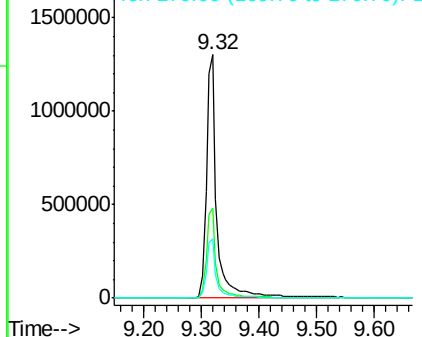


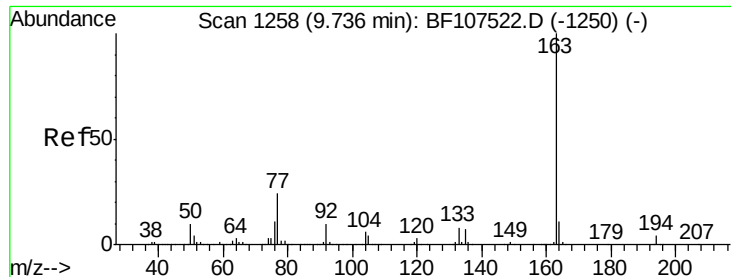
#44
 2-Fluorobiphenyl
 Concen: 147.628 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107776.D
 Acq: 28 Jul 2018 5:36

Tgt Ion:172 Resp: 1696355
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.5 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

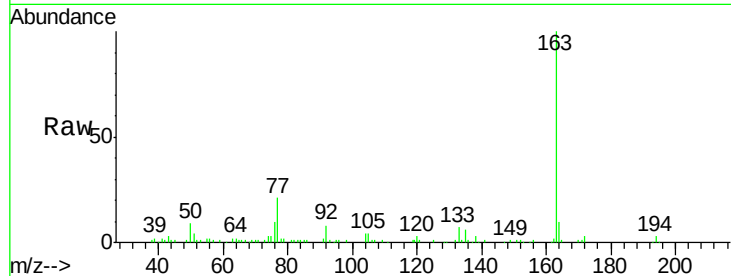




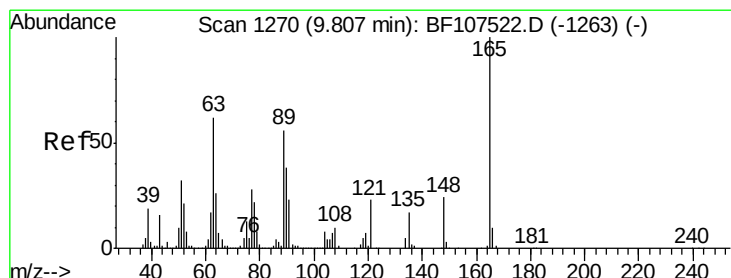
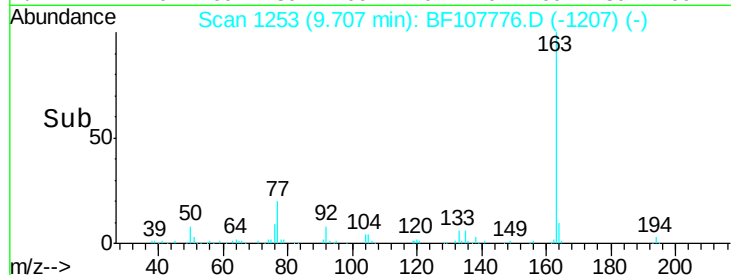
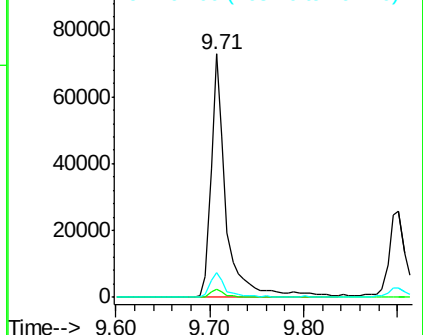
#49
Dimethylphthalate
Concen: 4.554 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Instrument :
BNA_F
ClientSampleId :
MW-33

Tgt Ion:163 Resp: 82546
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.0 8.2 12.2

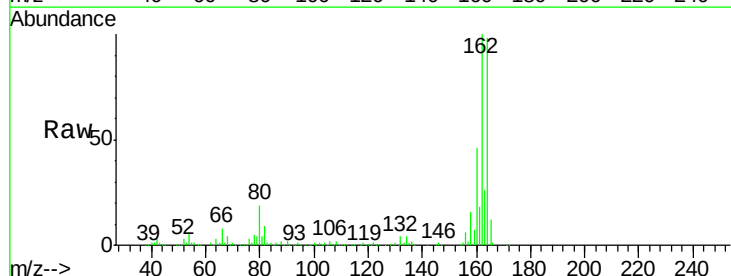


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

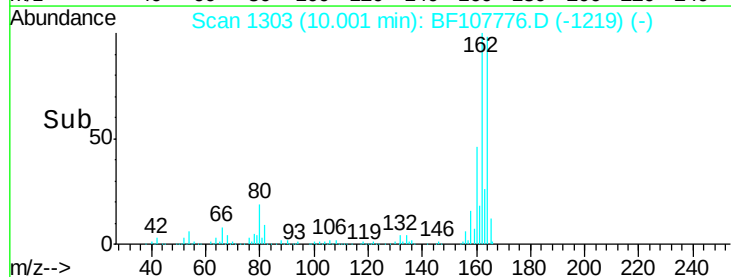
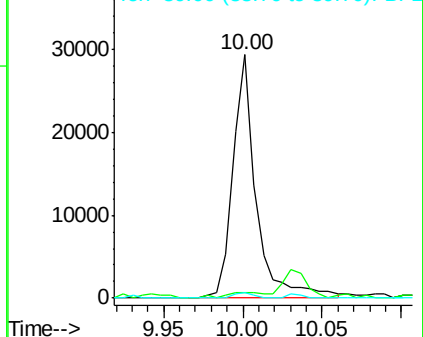


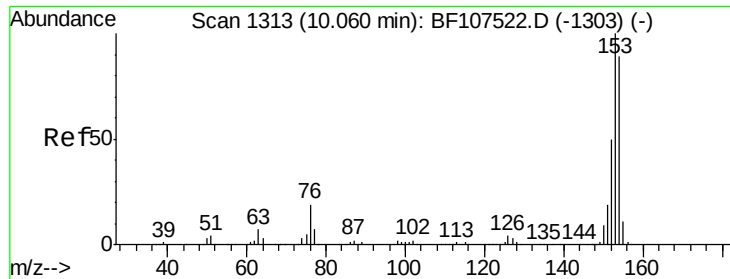
#50
2,6-Dinitrotoluene
Concen: 8.302 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Tgt Ion:165 Resp: 29875
Ion Ratio Lower Upper
165 100
63 2.1 44.7 67.1#
89 2.2 44.0 66.0#



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





#51

Acenaphthene

Concen: 2.930 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Instrument :

BNA_F

ClientSampleId :

MW-33

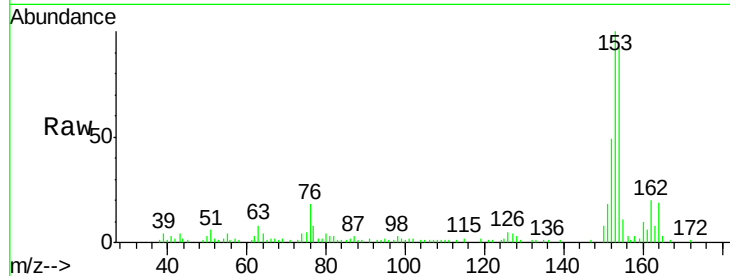
Tgt Ion:154 Resp: 44164

Ion Ratio Lower Upper

154 100

153 108.6 91.2 136.8

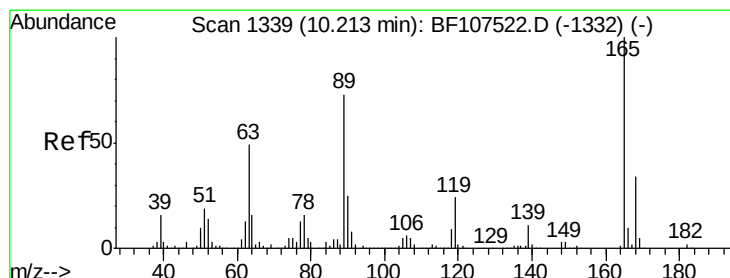
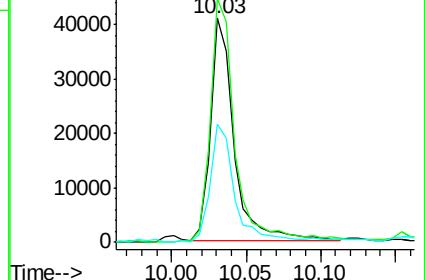
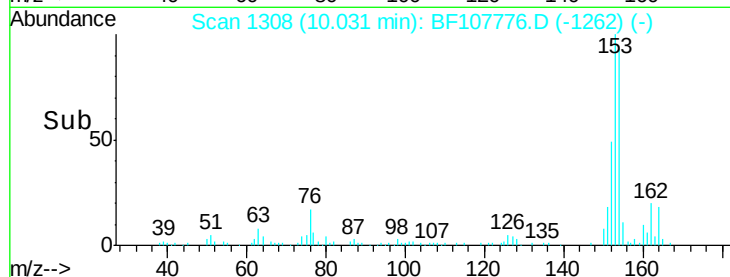
152 52.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.952 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Tgt Ion:165 Resp: 30195

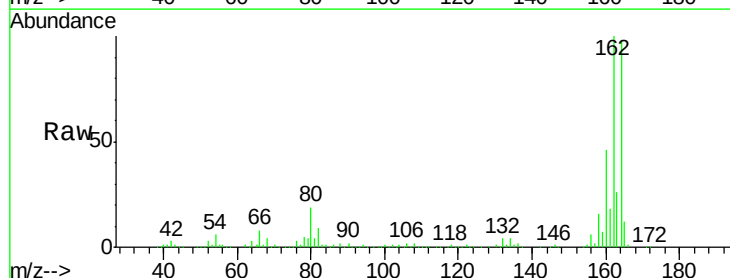
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 2.2 57.8 86.6#

182 0.0 1.6 2.4#

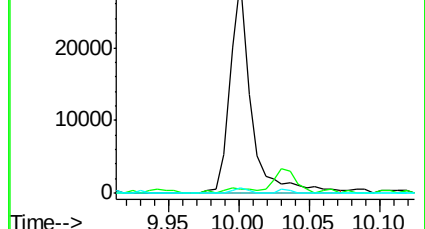
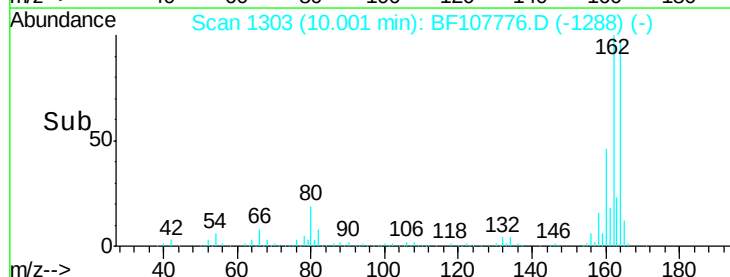


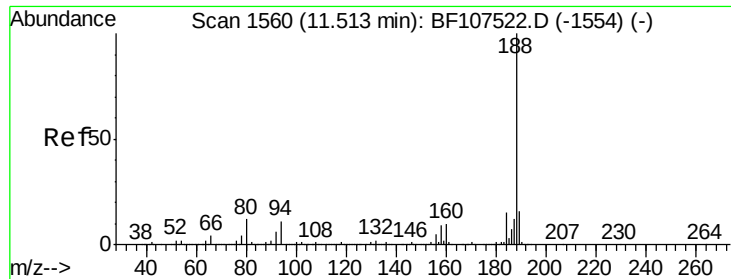
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

Instrument :

BNA_F

ClientSampleId :

MW-33

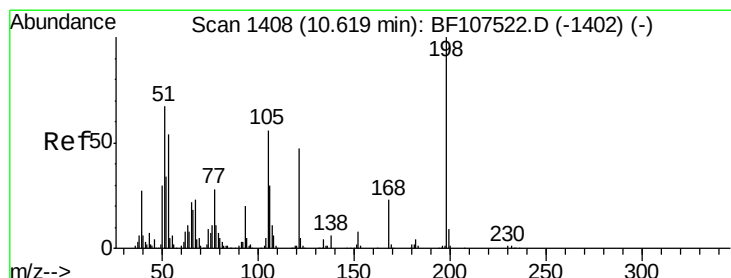
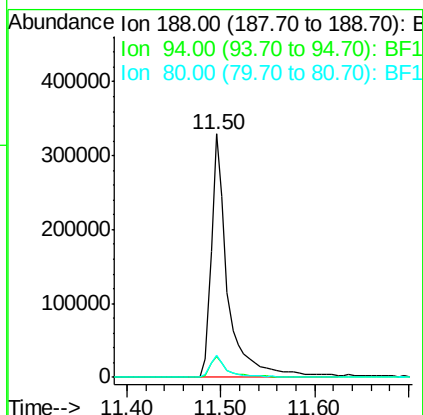
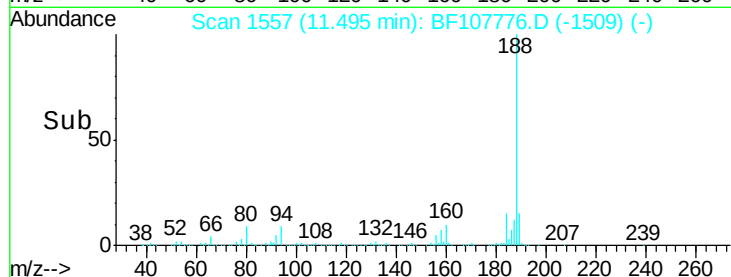
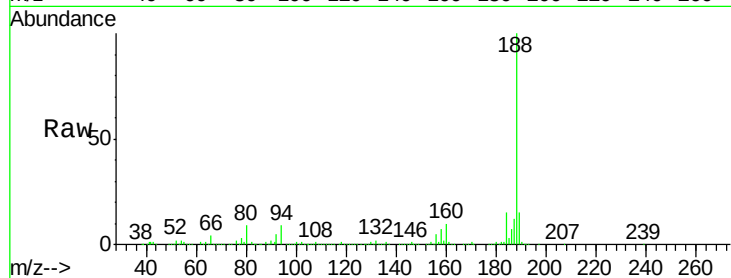
Tgt Ion:188 Resp: 412296

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

80 9.2 9.2 13.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 8.938 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107776.D

Acq: 28 Jul 2018 5:36

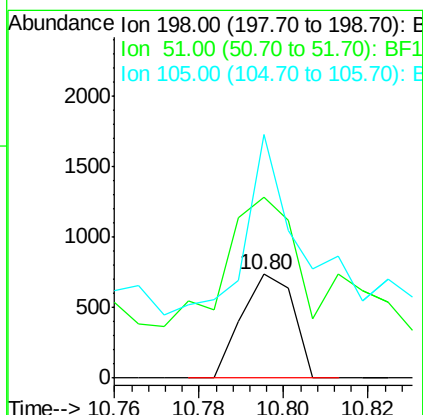
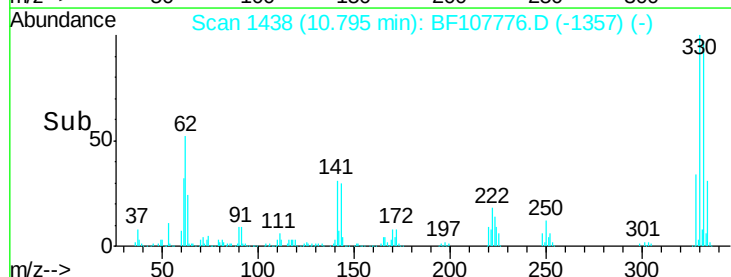
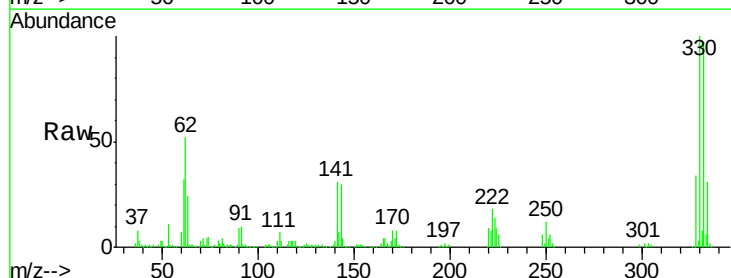
Tgt Ion:198 Resp: 625

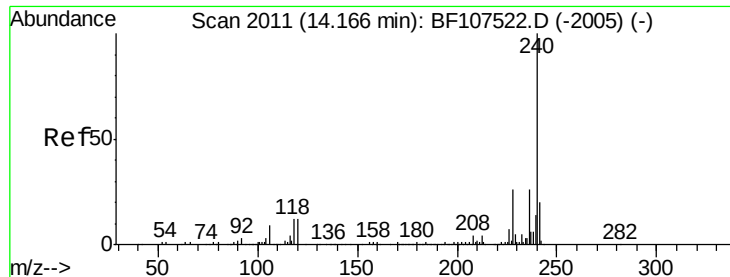
Ion Ratio Lower Upper

198 100

51 175.0 37.7 77.7#

105 234.9 36.3 76.3#

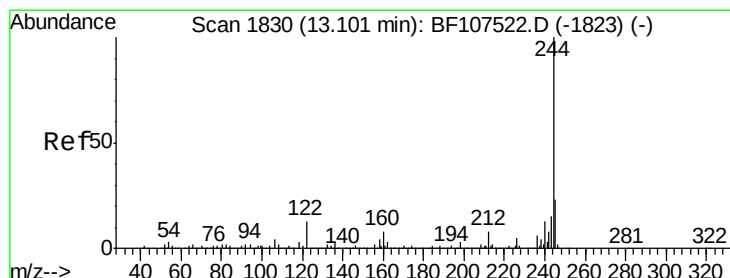
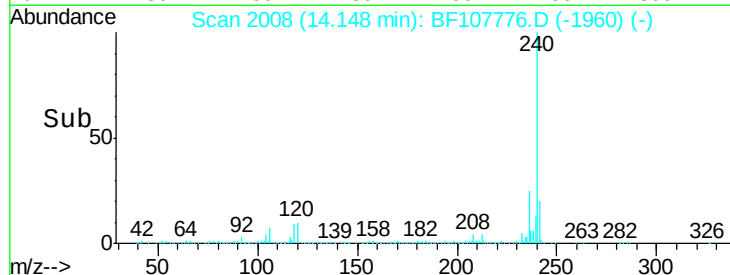
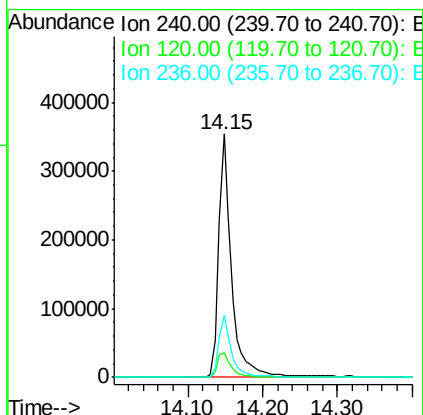
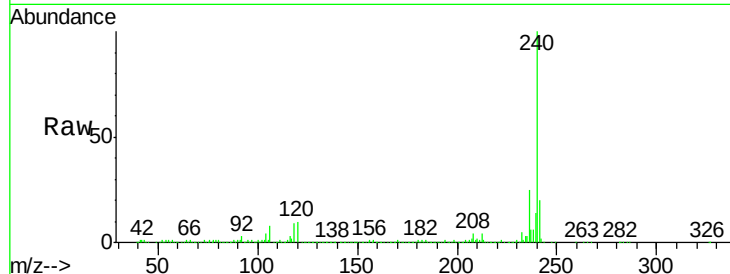




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

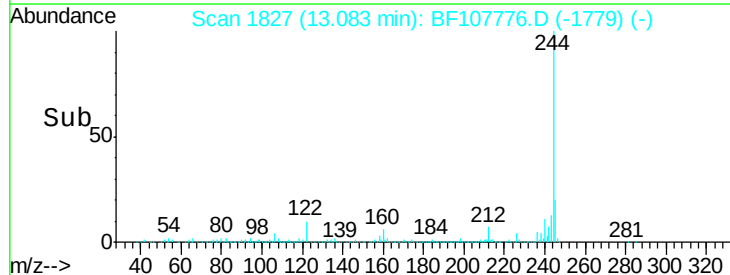
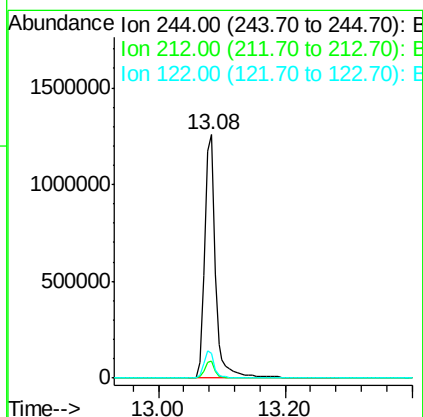
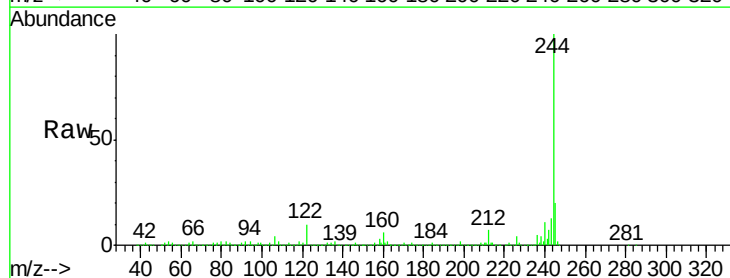
Instrument :
BNA_F
ClientSampleId :
MW-33

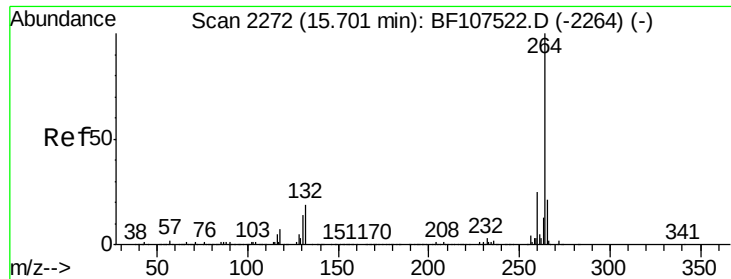
Tgt Ion:240 Resp: 424280
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.3 20.7 31.1



#78
Terphenyl-d14
Concen: 89.388 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Tgt Ion:244 Resp: 1481412
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.2 11.0 16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107776.D
Acq: 28 Jul 2018 5:36

Instrument :
BNA_F
ClientSampleId :
MW-33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3

