

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102880.D
 Acq On : 9 Feb 2018 11:23
 Operator : SJ/JU
 Sample : J1493-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 13:50:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

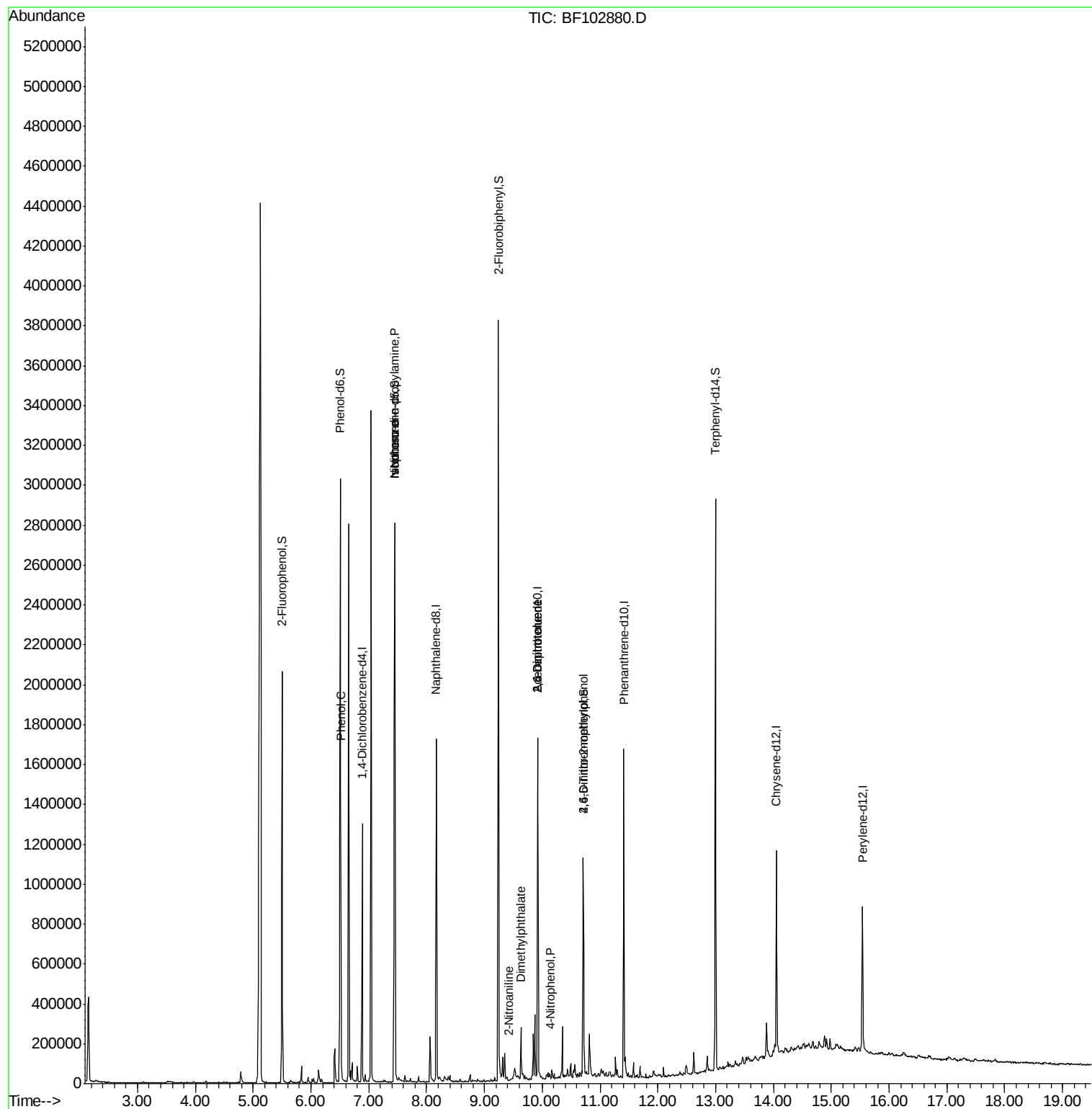
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	175756	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	743586	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	331986	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	541007	20.00	ng	0.00
75) Chrysene-d12	14.05	240	310621	20.00	ng	0.00
86) Perylene-d12	15.54	264	333722	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	520179	44.95	ng	0.00
7) Phenol-d6	6.51	99	1016632	72.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	909920	84.89	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	103907	38.89	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1301732	65.06	ng	0.00
78) Terphenyl-d14	13.00	244	927162	70.67	ng	0.00
Target Compounds						
10) Phenol	6.52	94	56574	3.788	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	132757	14.450	ng	# 87
25) Isophorone	7.45	82	909898	36.864	ng	# 64
47) 2-Nitroaniline	9.42	65	120	3.489	ng	# 2
49) Dimethylphthalate	9.63	163	87018	3.362	ng	99
50) 2,6-Dinitrotoluene	9.92	165	42219	8.573	ng	# 26
55) 4-Nitrophenol	10.13	139	760	4.169	ng	# 64
56) 2,4-Dinitrotoluene	9.92	165	42219	9.058	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	168	8.861	ng	81

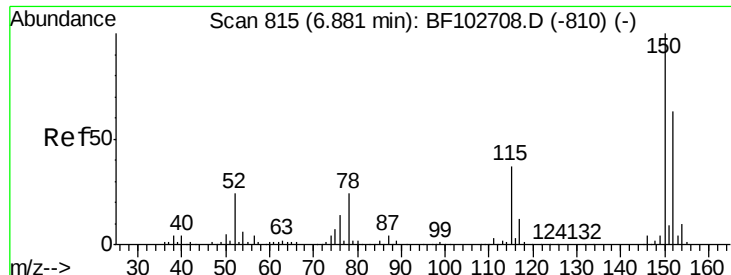
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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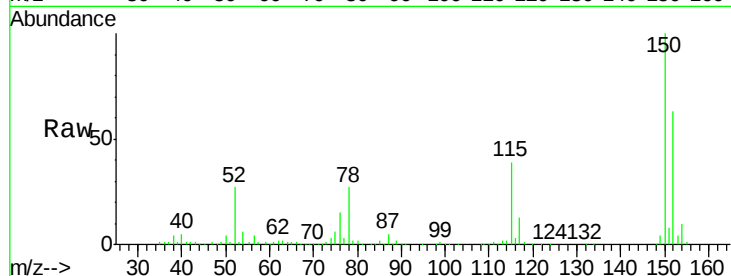


#1

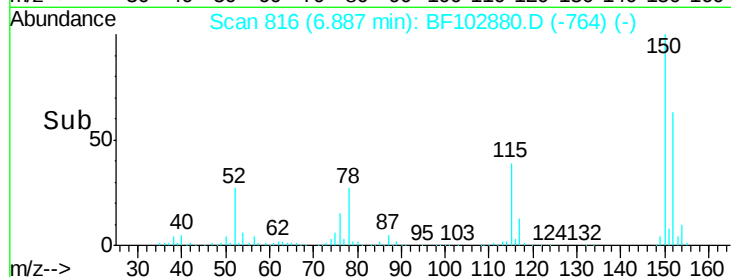
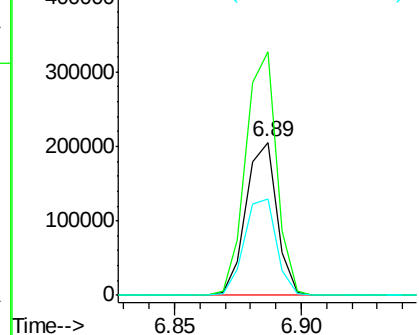
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 175756
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.7 50.1 75.1



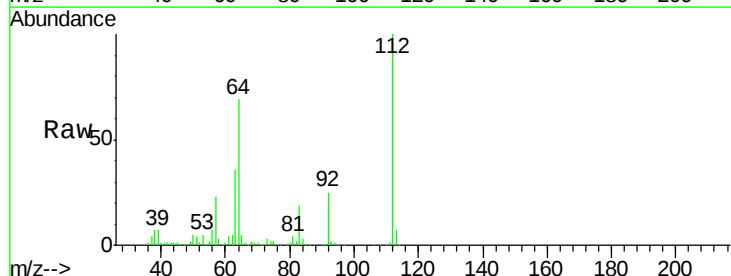
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



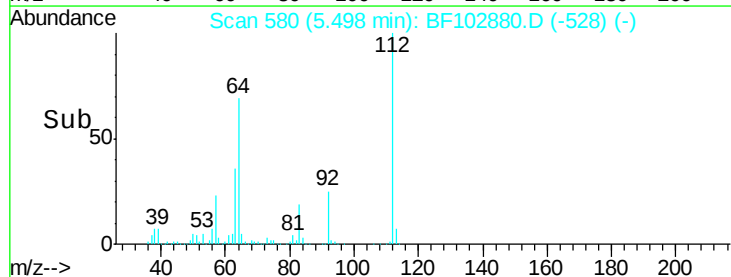
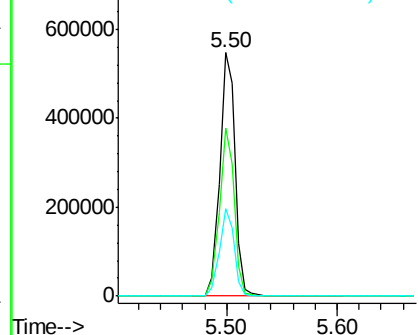
#5

2-Fluorophenol
Concen: 44.947 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

Tgt Ion:112 Resp: 520179
Ion Ratio Lower Upper
112 100
64 68.9 47.9 71.9
63 35.7 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: 72.957 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102880.D

Acq: 9 Feb 2018 11:23

Instrument :

BNA_F

ClientSampled :

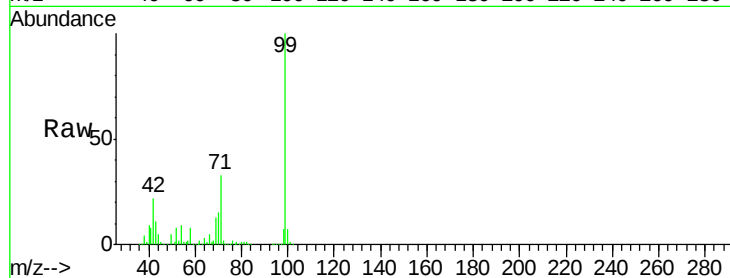
Tot Ion: 99 Resp: 1016632

Ion Ratio Lower Upper

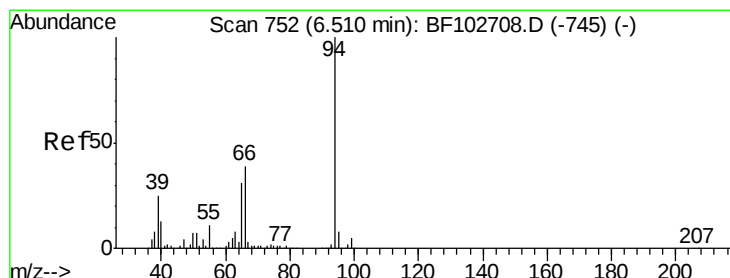
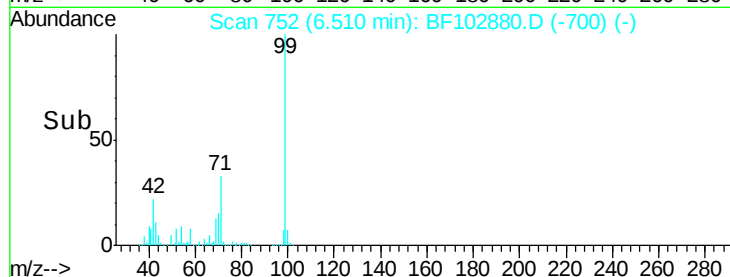
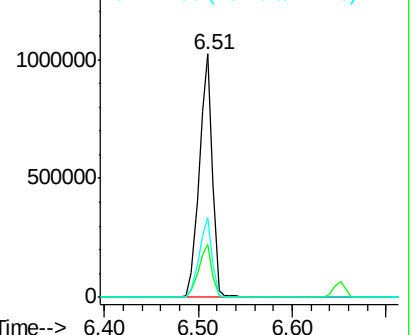
99 100

42 21.6 14.5 21.7

71 33.0 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



#10

Phenol

Concen: 3.788 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102880.D

Acq: 9 Feb 2018 11:23

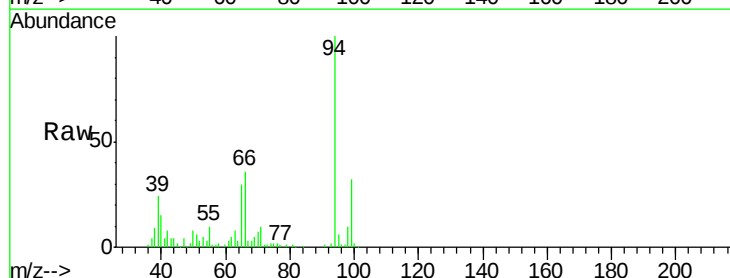
Tgt Ion: 94 Resp: 56574

Ion Ratio Lower Upper

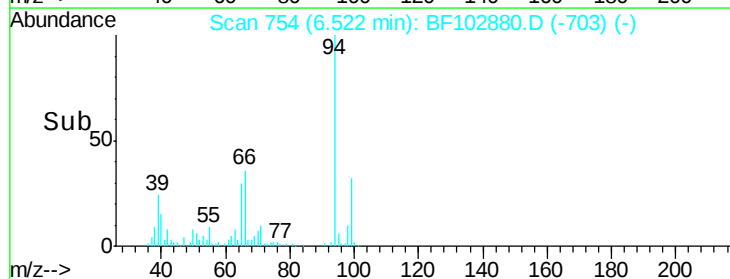
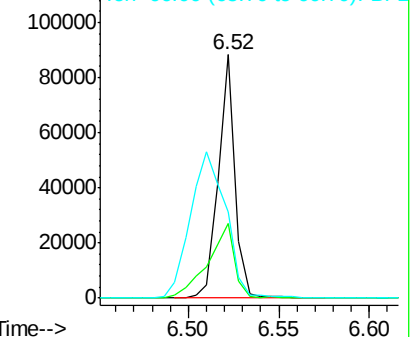
94 100

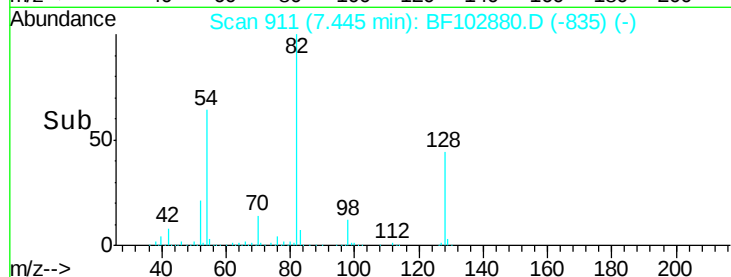
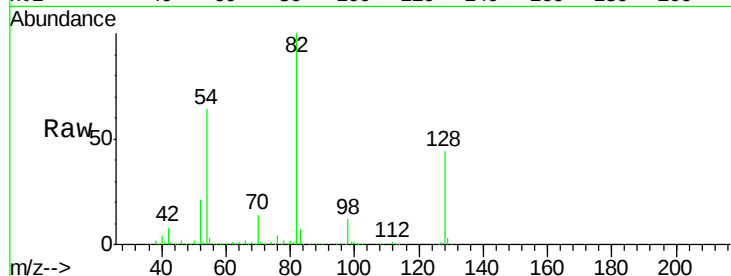
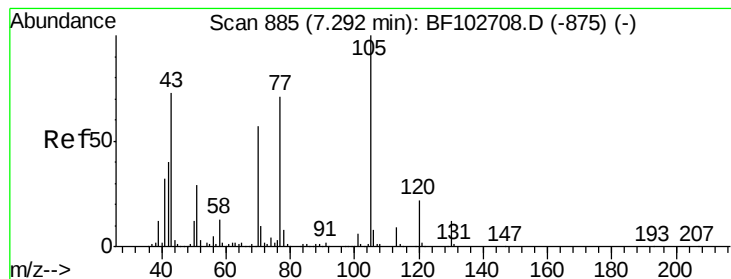
65 30.5 7.9 47.9

66 35.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 14.450 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102880.D

Acq: 9 Feb 2018 11:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 132757

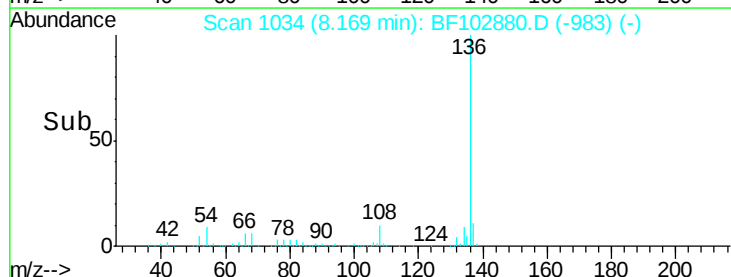
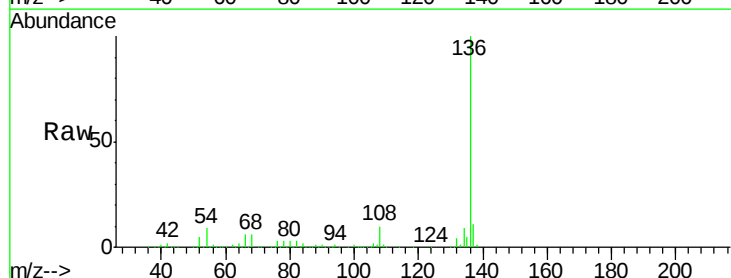
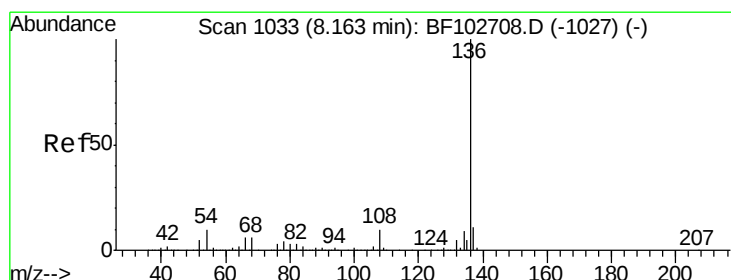
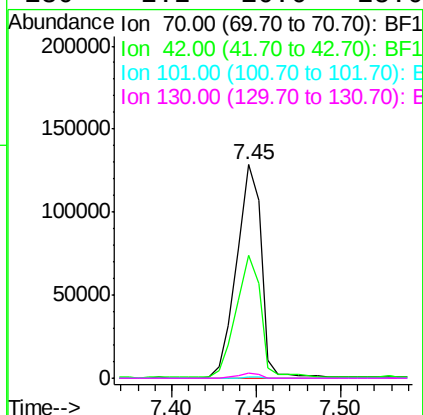
Ion Ratio Lower Upper

70 100

42 57.8 47.5 71.3

101 0.7 7.4 11.2#

130 2.2 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102880.D

Acq: 9 Feb 2018 11:23

Tgt Ion:136 Resp: 743586

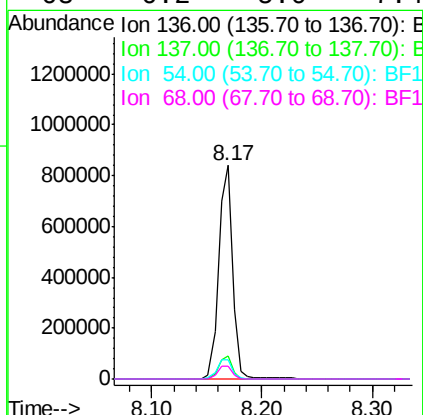
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.1 6.6 9.8

68 6.2 5.0 7.4

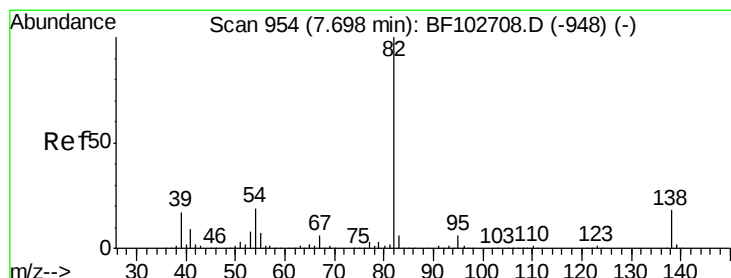
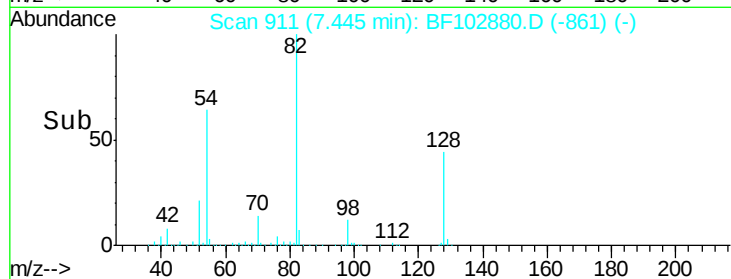
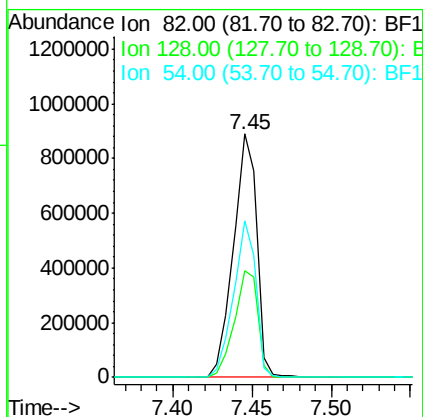
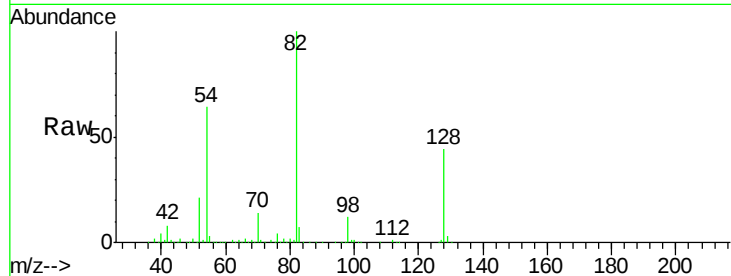




#23
Nitrobenzene-d5
Concen: 84.888 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

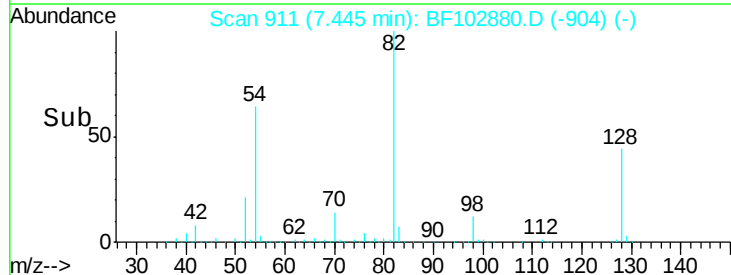
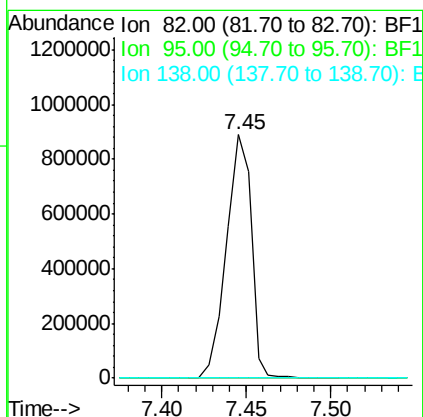
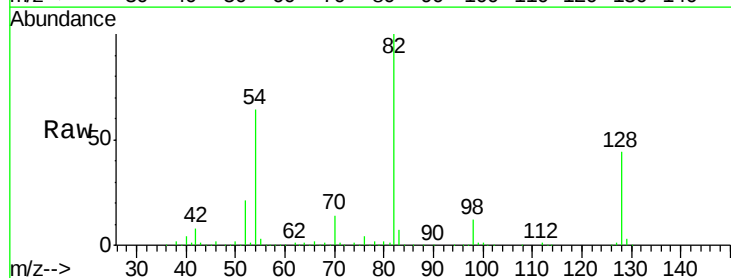
Instrument :
BNA_F
ClientSampled :

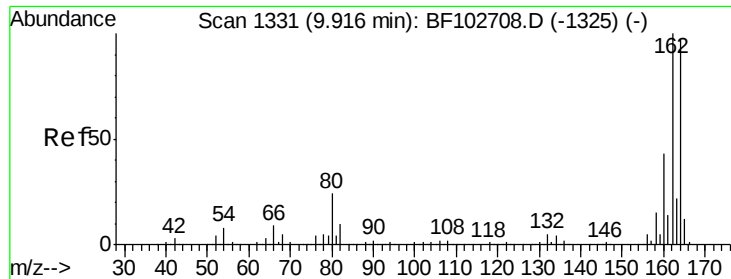
Tot Ion: 82 Resp: 909920
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 64.2 41.4 62.2#



#25
Isophorone
Concen: 36.864 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

Tgt Ion: 82 Resp: 909898
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

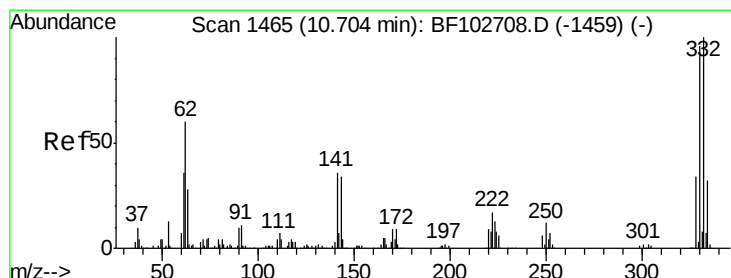
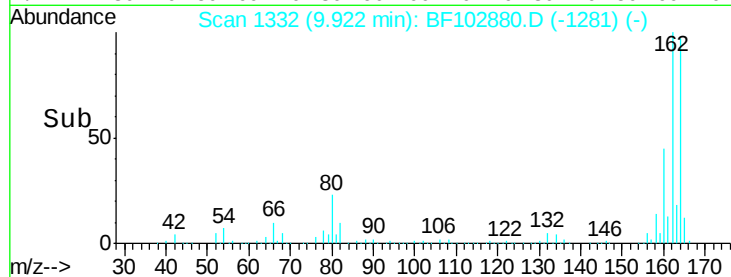
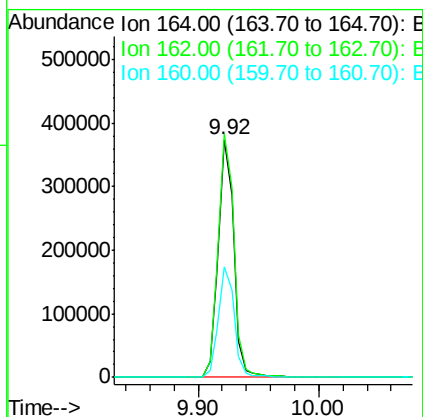
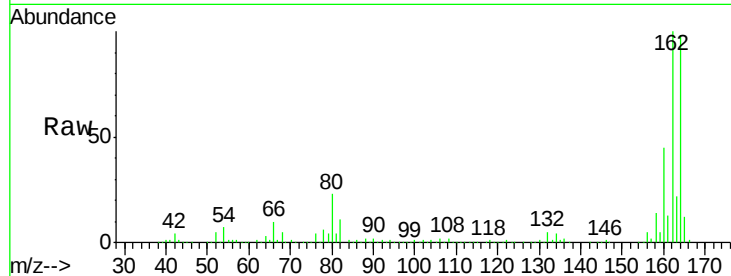




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102880.D
 Acq: 9 Feb 2018 11:23

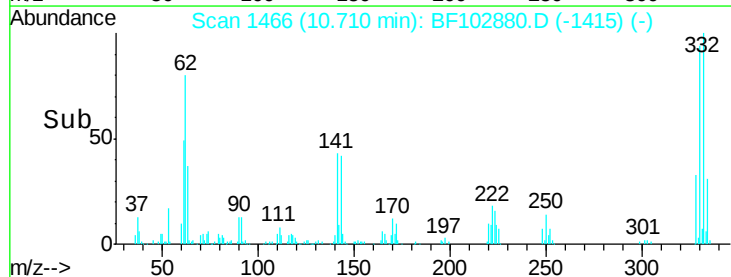
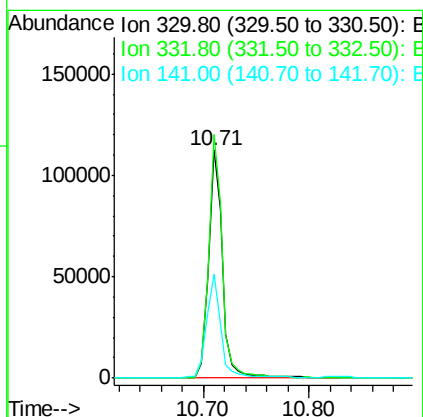
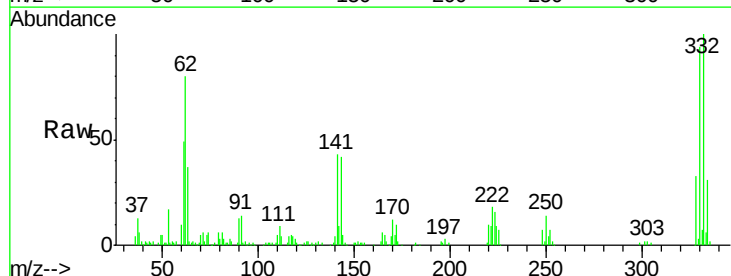
Instrument :
 BNA_F
 ClientSampleId :

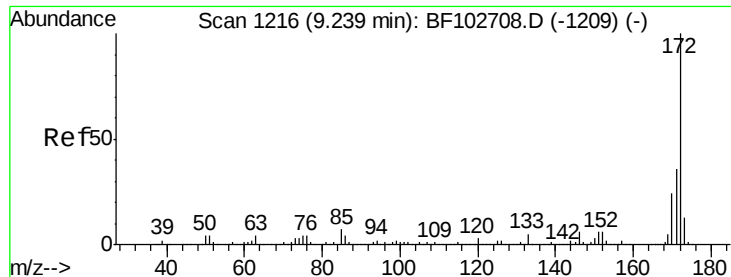
Tot Ion:164 Resp: 331986
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 38.886 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102880.D
 Acq: 9 Feb 2018 11:23

Tgt Ion:330 Resp: 103907
 Ion Ratio Lower Upper
 330 100
 332 104.0 77.0 115.6
 141 45.6 29.9 44.9#

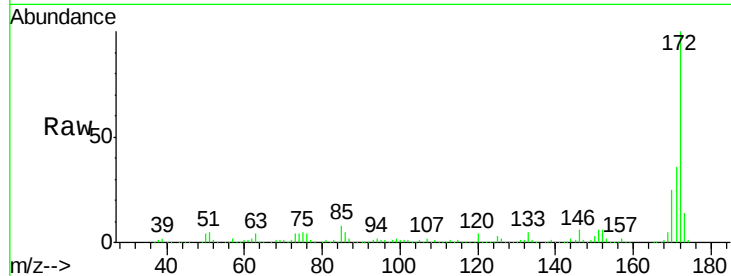




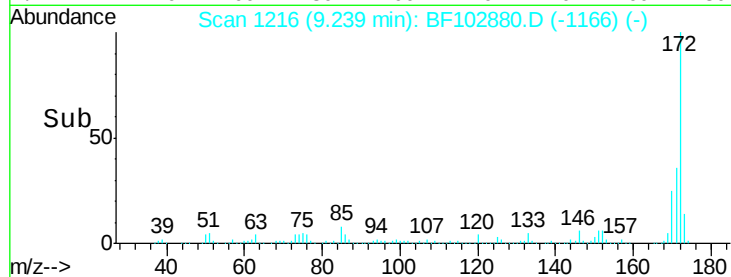
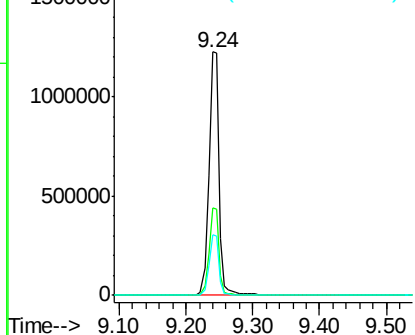
#44
 2-Fluorobiphenyl
 Concen: 65.064 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102880.D
 Acq: 9 Feb 2018 11:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1301732
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.7 19.6 29.4

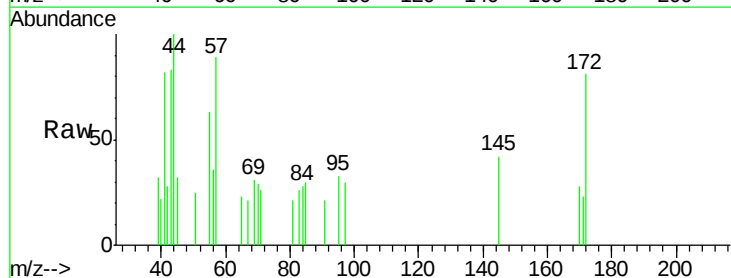


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

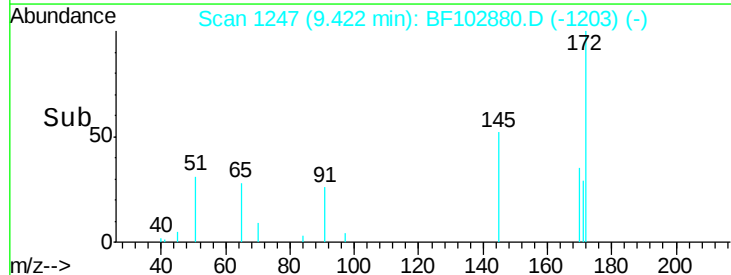
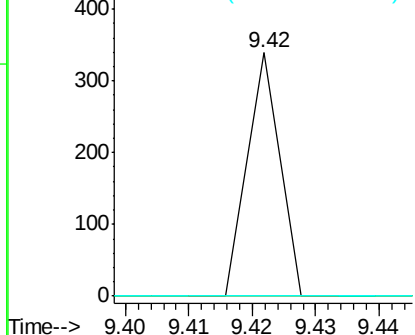


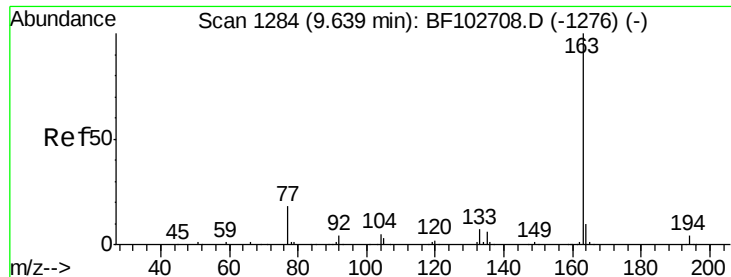
#47
 2-Nitroaniline
 Concen: 3.489 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.04 min
 Lab File: BF102880.D
 Acq: 9 Feb 2018 11:23

Tgt Ion: 65 Resp: 120
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

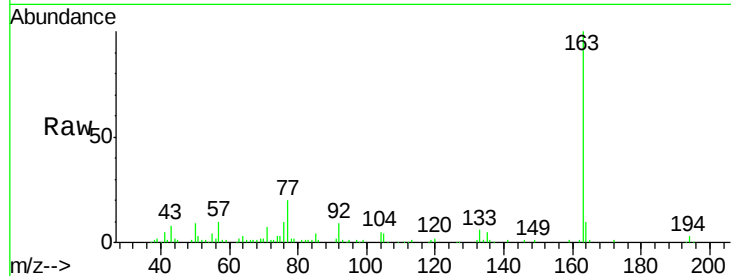




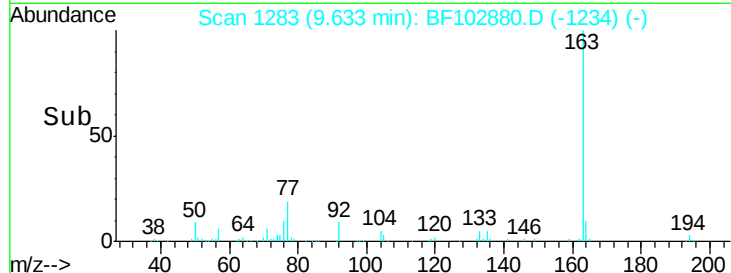
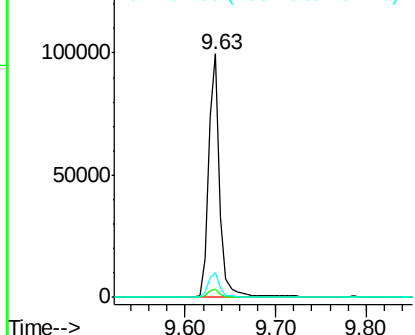
#49
Dimethylphthalate
Concen: 3.362 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 87018
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.9 8.2 12.2

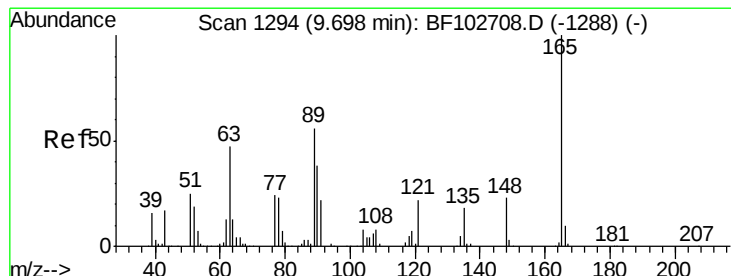


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

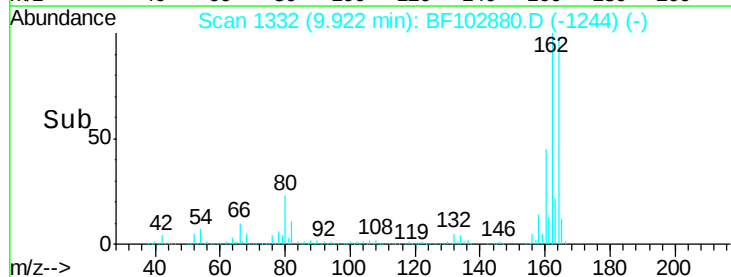
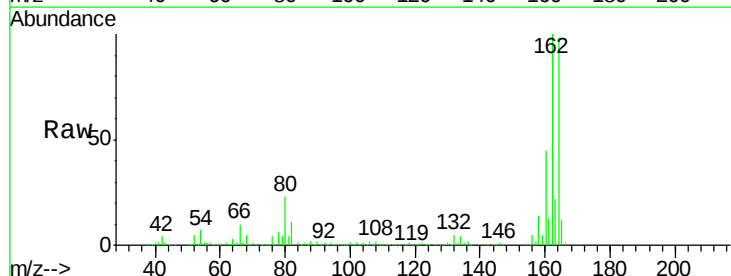
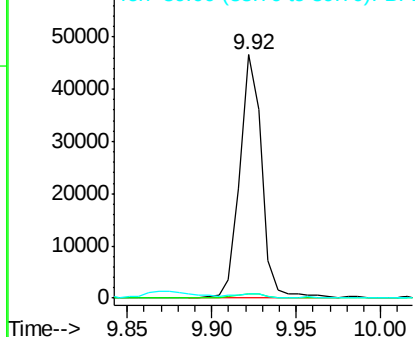


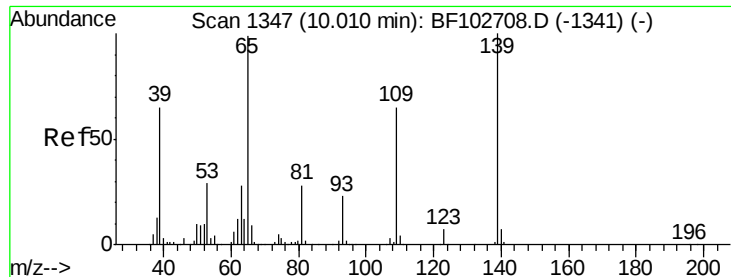
#50
2,6-Dinitrotoluene
Concen: 8.573 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

Tgt Ion:165 Resp: 42219
Ion Ratio Lower Upper
165 100
63 1.9 44.7 67.1#
89 1.5 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

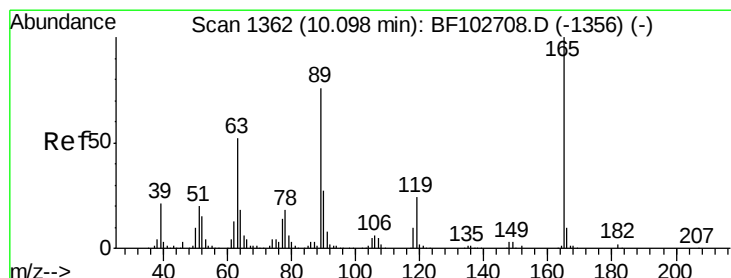
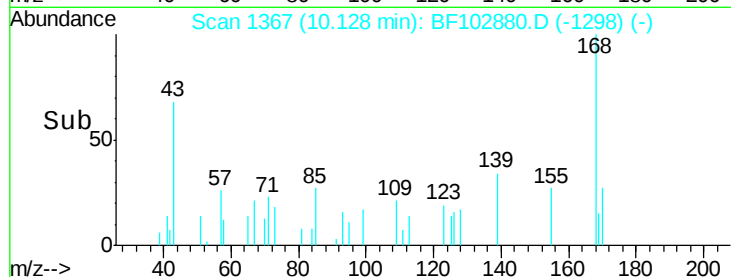
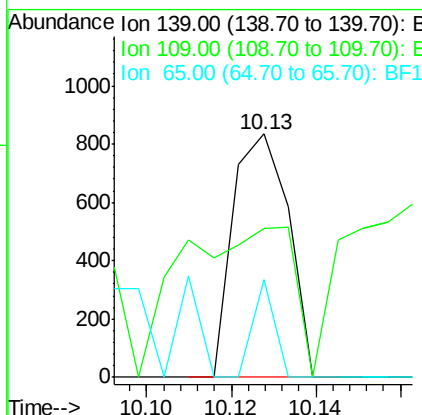
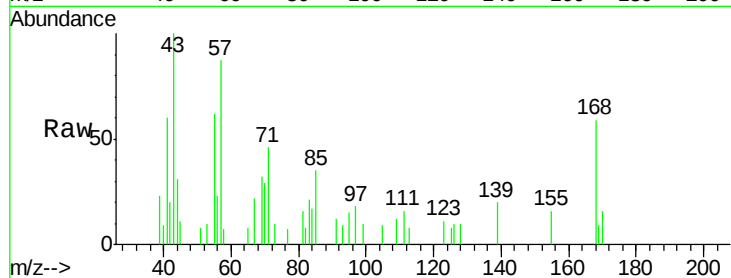




#55
4-Nitrophenol
Concen: 4.169 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

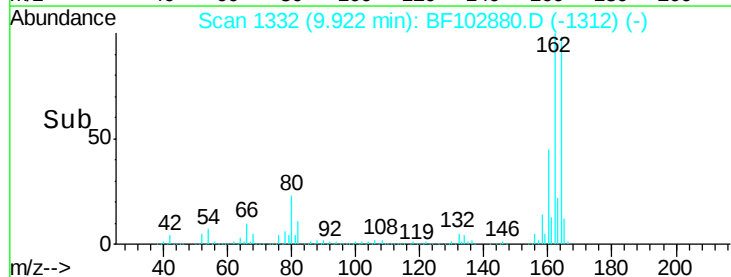
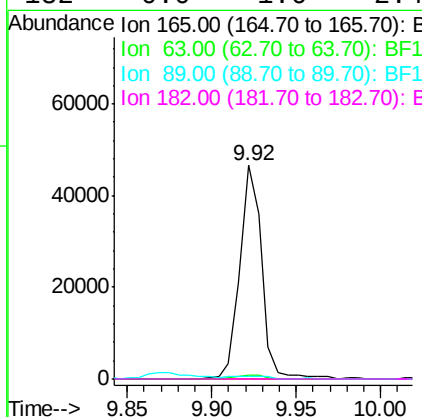
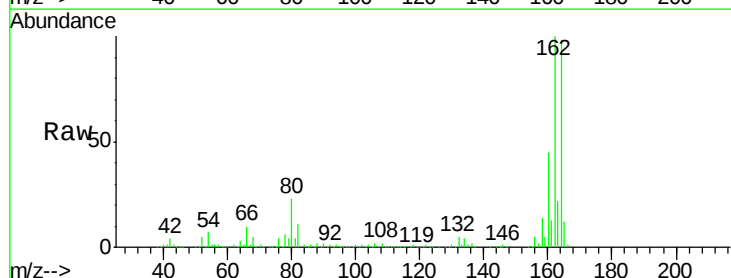
Instrument :
BNA_F
ClientSampled :

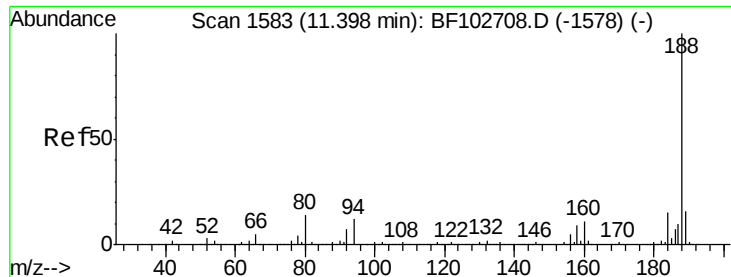
Tot Ion:139 Resp: 760
Ion Ratio Lower Upper
139 100
109 61.0 48.4 88.4
65 40.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.058 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

Tgt Ion:165 Resp: 42219
Ion Ratio Lower Upper
165 100
63 1.9 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#

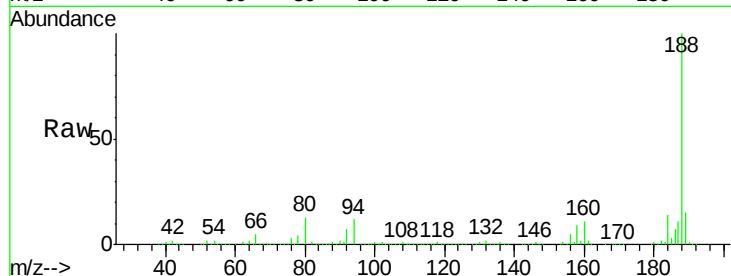




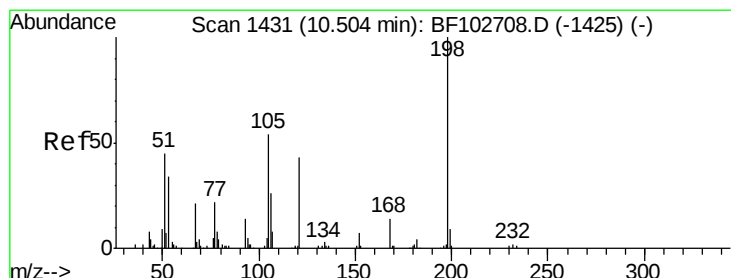
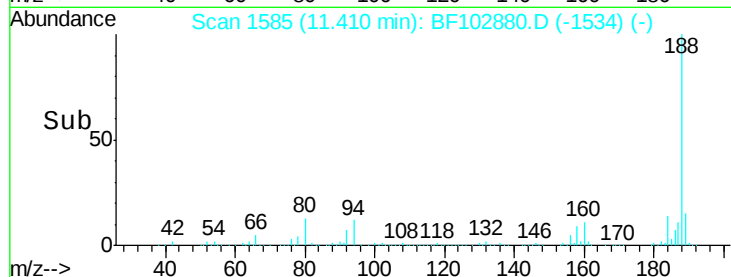
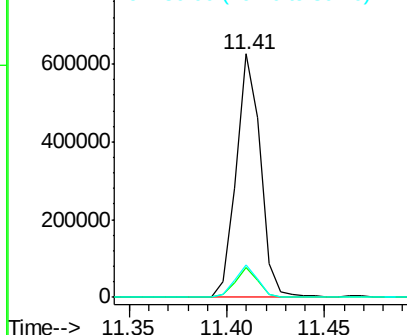
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF102880.D
 Acq: 9 Feb 2018 11:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 541007
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 13.3 9.2 13.8

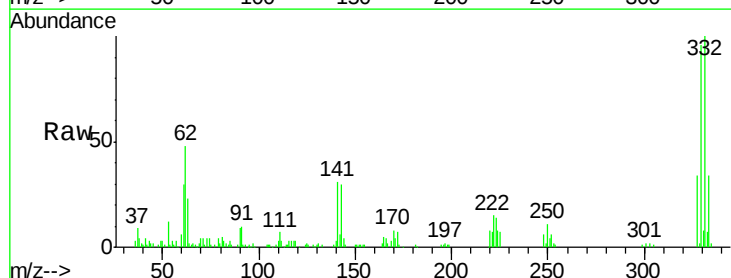


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

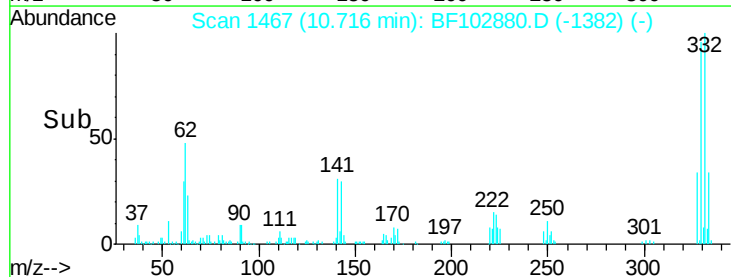
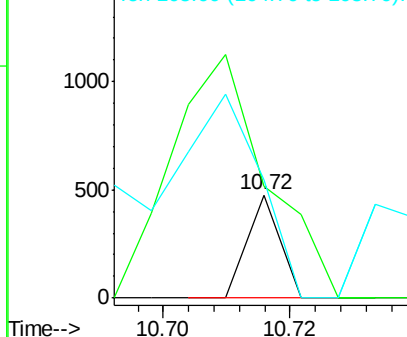


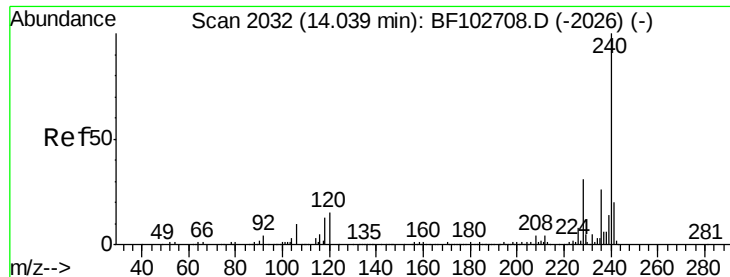
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.861 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF102880.D
 Acq: 9 Feb 2018 11:23

Tgt Ion:198 Resp: 168
 Ion Ratio Lower Upper
 198 100
 51 41.7 37.7 77.7
 105 44.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102880.D

Acq: 9 Feb 2018 11:23

Instrument :

BNA_F

ClientSampleId :

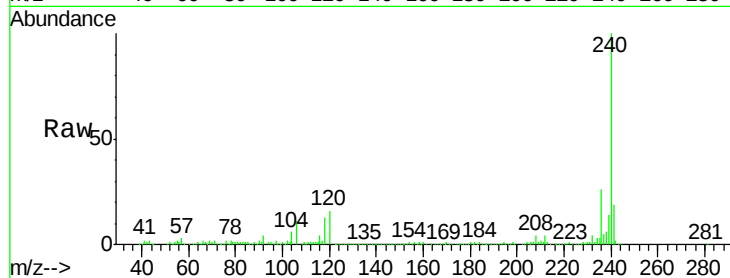
Tot Ion:240 Resp: 310621

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

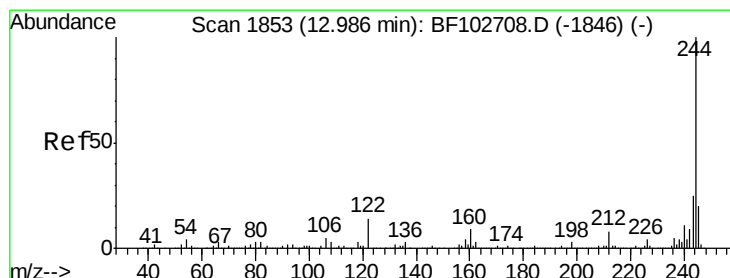
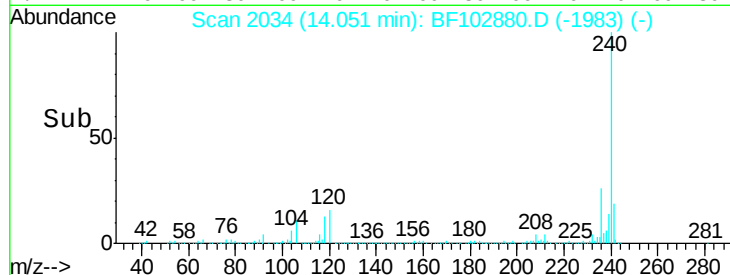
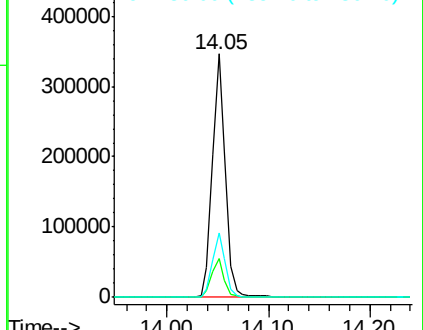
236 26.4 20.7 31.1



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: 70.675 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102880.D

Acq: 9 Feb 2018 11:23

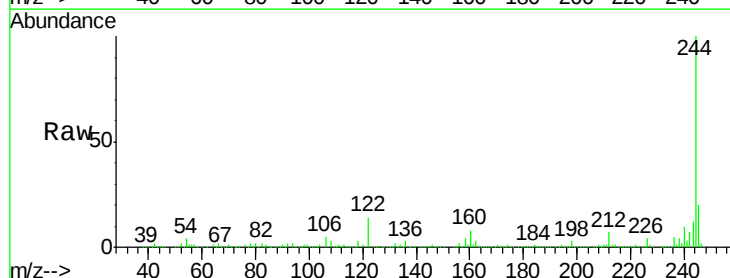
Tgt Ion:244 Resp: 927162

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

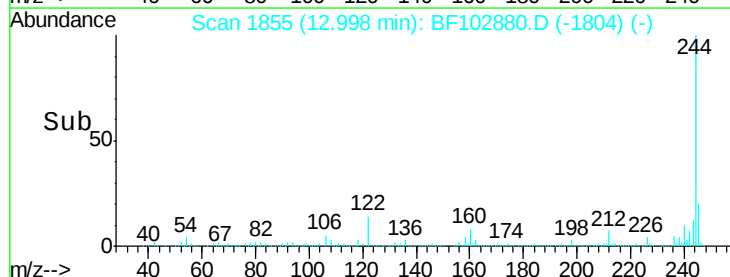
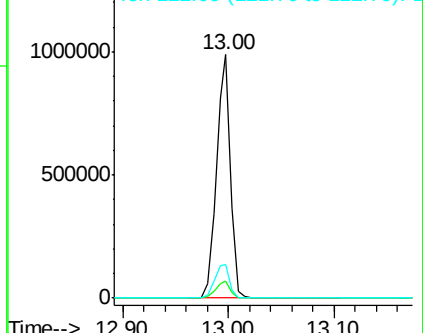
122 13.9 11.0 16.4

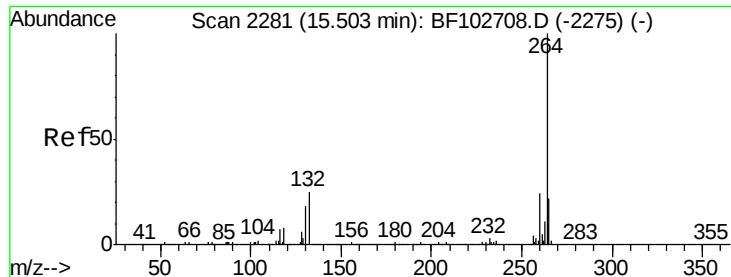


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

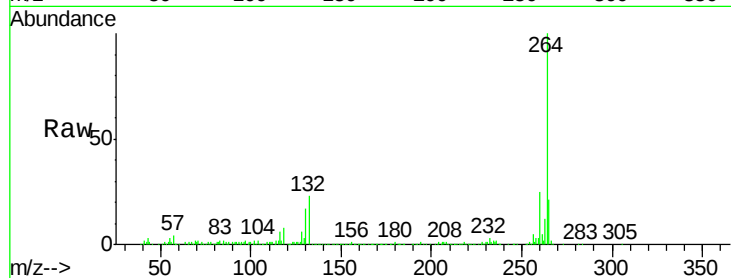




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102880.D
Acq: 9 Feb 2018 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 333722
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

