

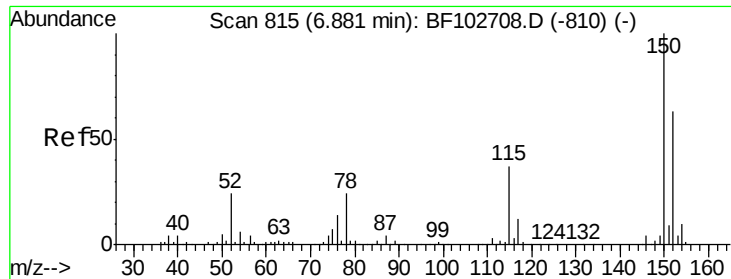
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102869.D
 Acq On : 8 Feb 2018 21:10
 Operator : SJ/JU
 Sample : J1471-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:25:16 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	168342	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	671050	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	251125	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	350357	20.00	ng	0.00
75) Chrysene-d12	14.06	240	324856	20.00	ng	0.00
86) Perylene-d12	15.54	264	245750	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1252350	112.98	ng	0.02
7) Phenol-d6	6.52	99	1478931	110.81	ng	0.01
23) Nitrobenzene-d5	7.45	82	947018	97.90	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	198865	98.39	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1221619	80.72	ng	0.00
78) Terphenyl-d14	13.00	244	820326	59.79	ng	0.00
Target Compounds						
10) Phenol	6.53	94	35494	2.48	ng	94
19) n-Nitroso-di-n-propylamine	7.45	70	131050	14.89	ng	# 83
25) Isophorone	7.45	82	947009	42.52	ng	# 64
47) 2-Nitroaniline	9.35	65	129	3.50	ng	# 2
49) Dimethylphthalate	9.63	163	89893	4.59	ng	99
50) 2,6-Dinitrotoluene	9.92	165	32230	8.65	ng	# 26
55) 4-Nitrophenol	9.96	139	143	4.06	ng	# 1
56) 2,4-Dinitrotoluene	9.92	165	32230	9.11	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	425	9.06	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	12672	3.42	ng	# 1
79) Butylbenzylphthalate	13.47	149	15206	2.25	ng	95

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

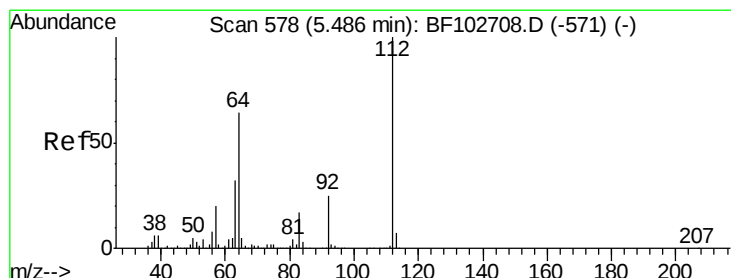
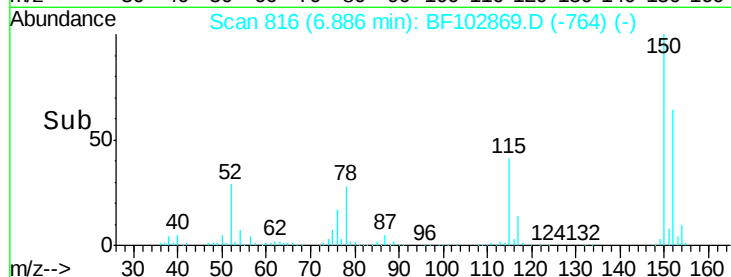
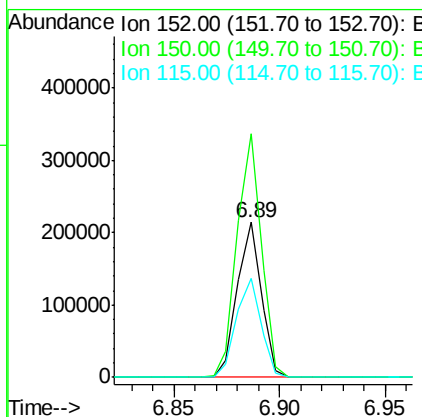
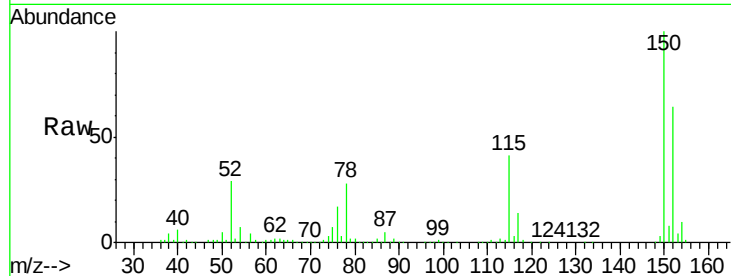


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :

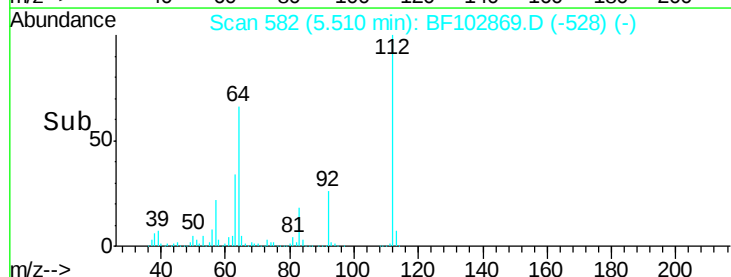
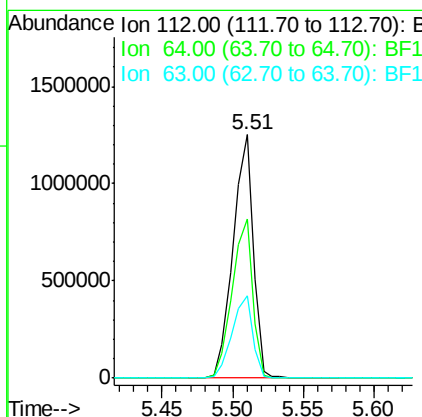
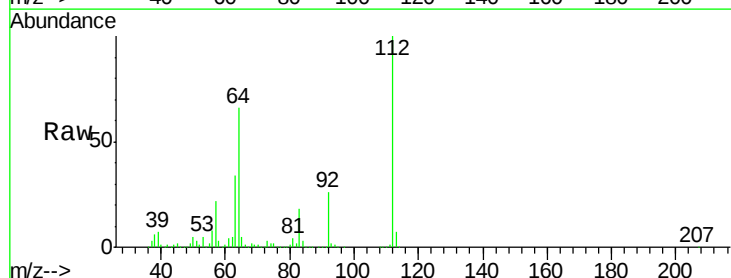
Tot Ion:152 Resp: 168342
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 64.3 50.1 75.1

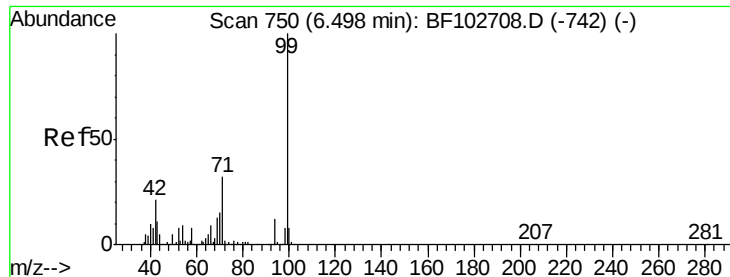


#5

2-Fluorophenol
Concen: 112.98 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion:112 Resp: 1252350
Ion Ratio Lower Upper
112 100
64 65.5 47.9 71.9
63 33.9 23.7 35.5





#7

Phenol-d6

Concen: 110.81 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102869.D

Acq: 8 Feb 2018 21:10

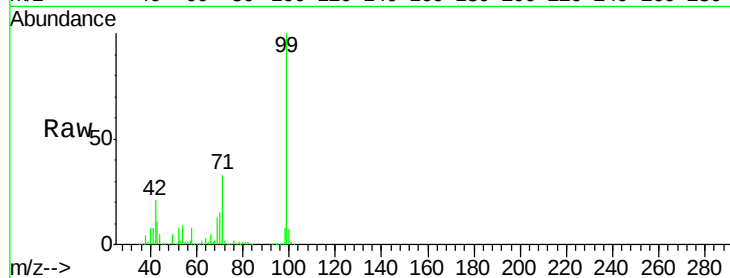
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1478931

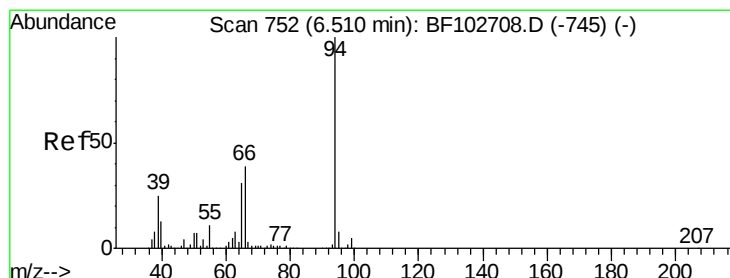
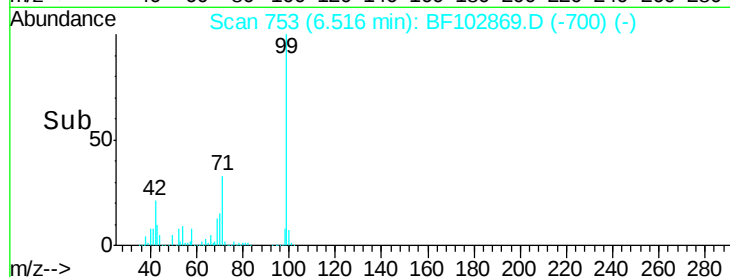
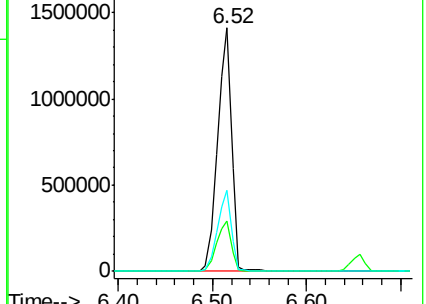
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.4	25.4	38.0



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: 2.48 ng

RT: 6.53 min Scan# 755

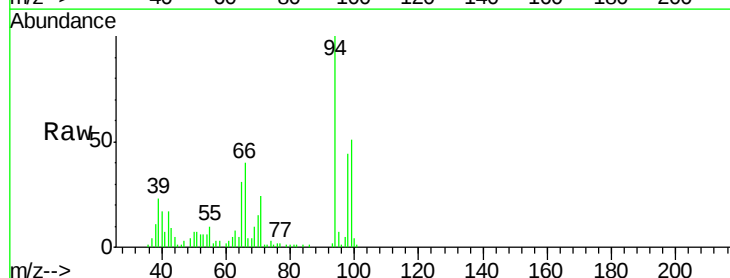
Delta R.T. 0.01 min

Lab File: BF102869.D

Acq: 8 Feb 2018 21:10

Tgt Ion: 94 Resp: 35494

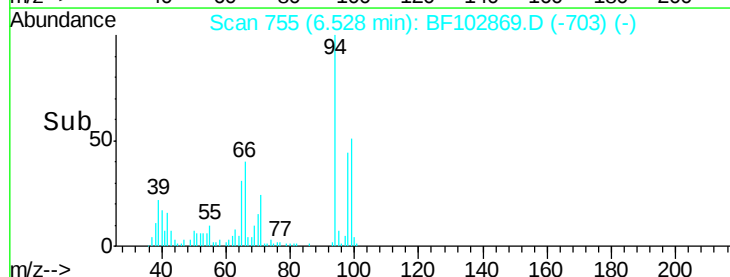
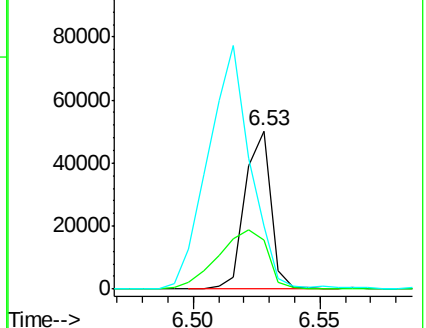
Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	40.3	16.2	56.2

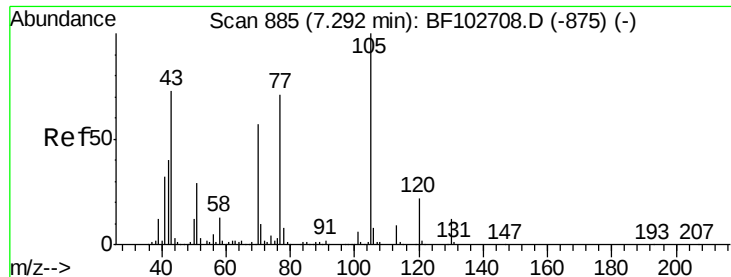


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

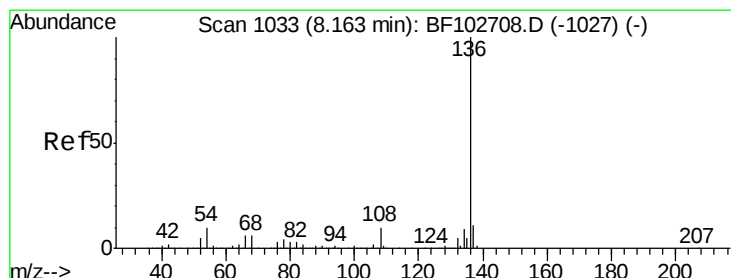
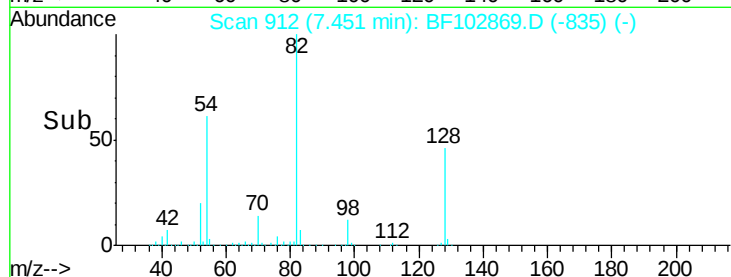
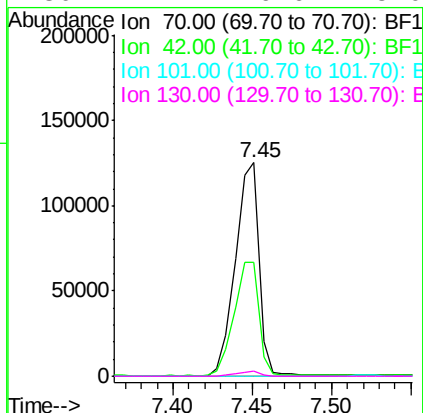
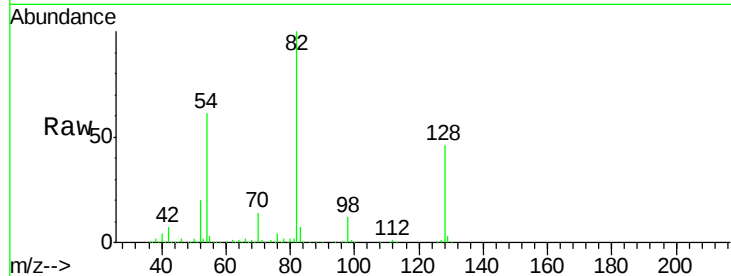




#19
n-Nitroso-di-n-propylamine
Concen: 14.89 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

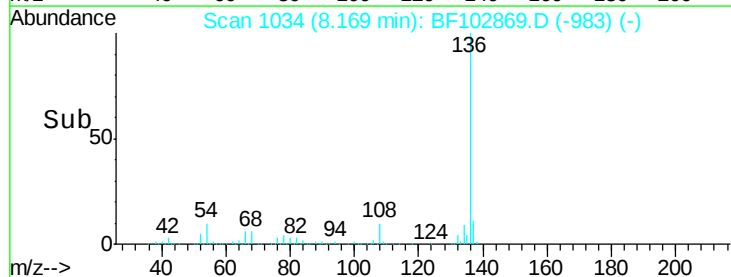
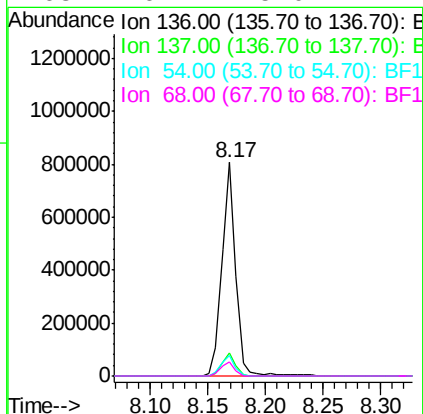
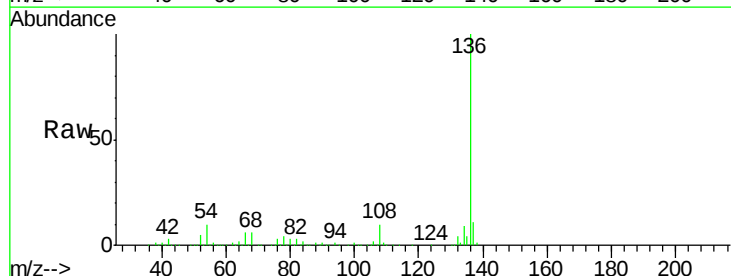
Instrument :
BNA_F
ClientSampleId :

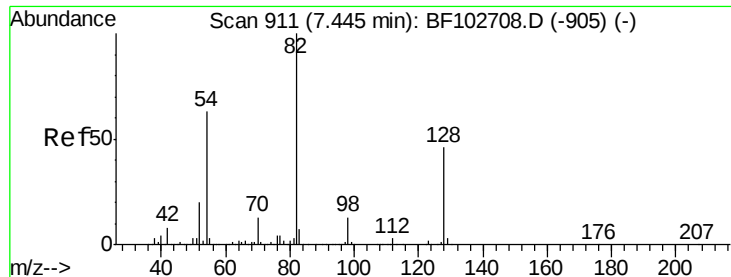
Tot Ion: 70 Resp: 131050
Ion Ratio Lower Upper
70 100
42 53.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion:136 Resp: 671050
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.9 6.6 9.8#
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 97.90 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF102869.D

Acq: 8 Feb 2018 21:10

Instrument :

BNA_F

ClientSampled :

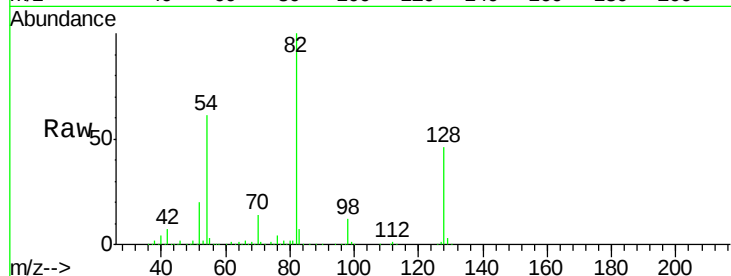
Tot Ion: 82 Resp: 947018

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

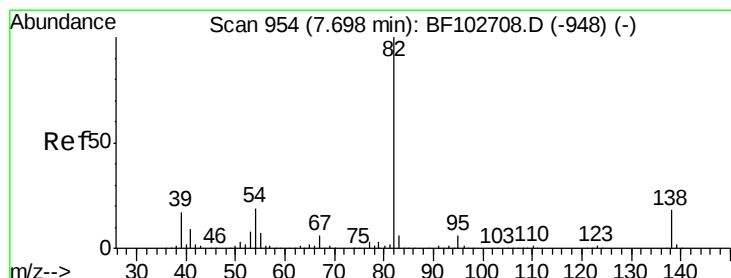
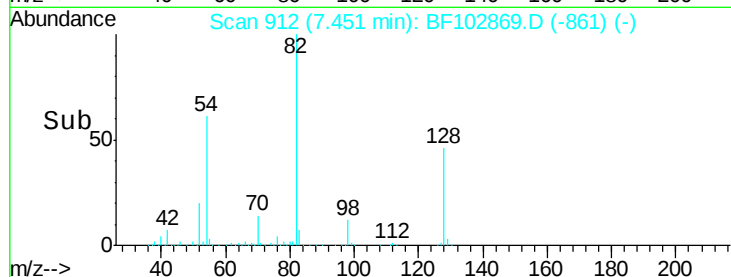
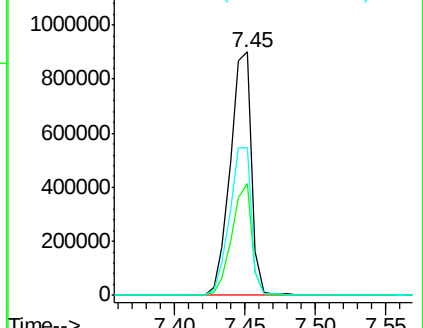
54 60.7 41.4 62.2



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: 42.52 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.25 min

Lab File: BF102869.D

Acq: 8 Feb 2018 21:10

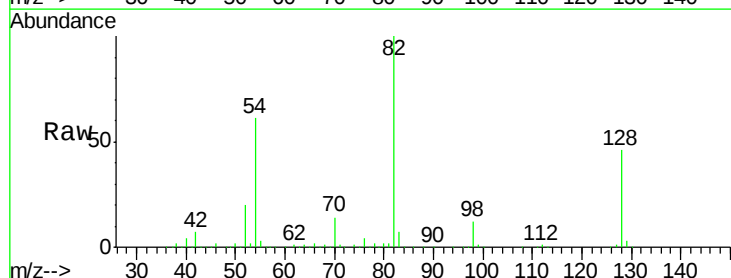
Tgt Ion: 82 Resp: 947009

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

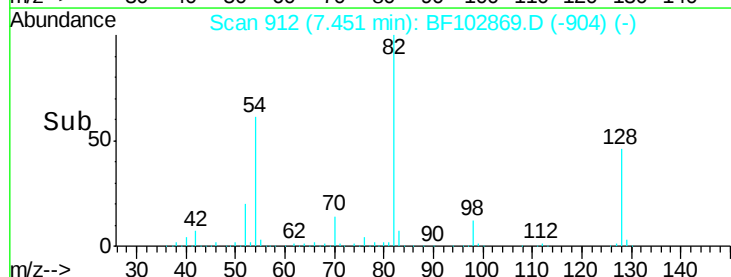
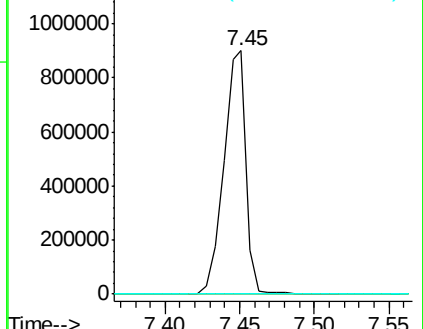
138 0.0 14.9 22.3#

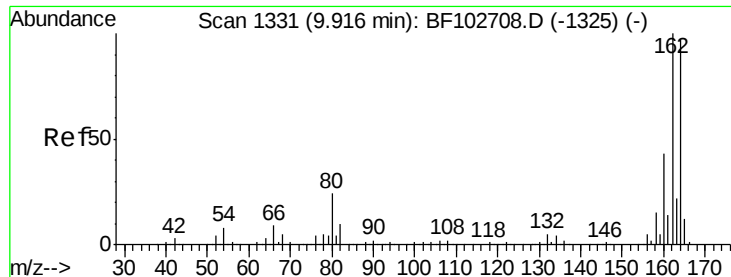


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

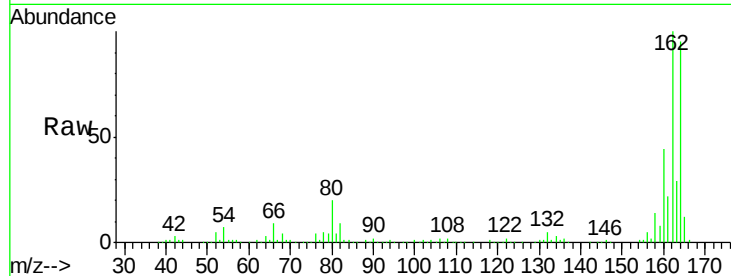




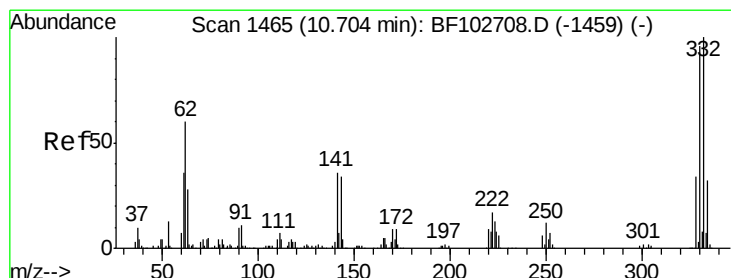
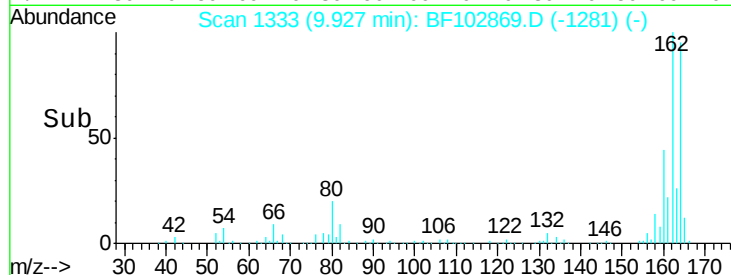
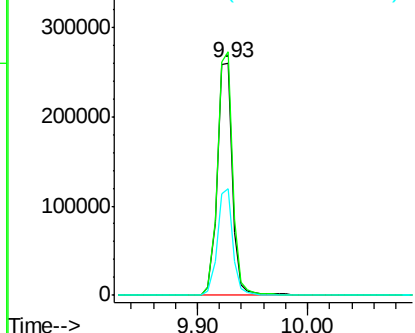
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF102869.D
 Acq: 8 Feb 2018 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 251125
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 45.7 38.3 57.5

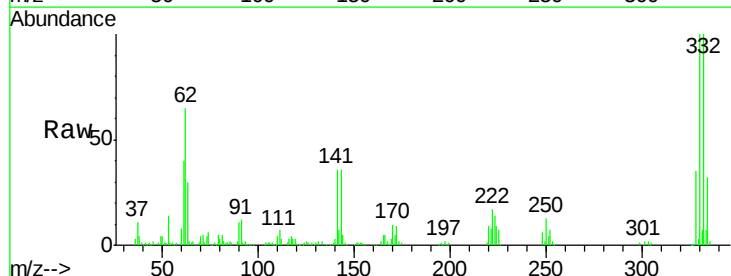


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

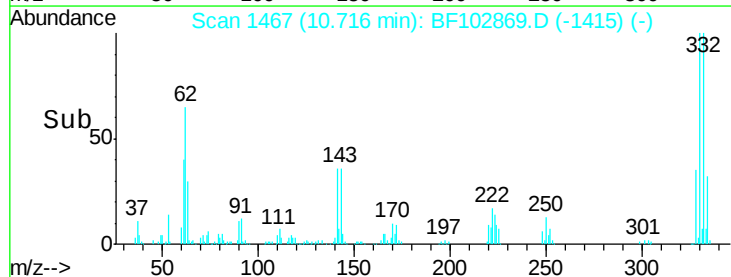
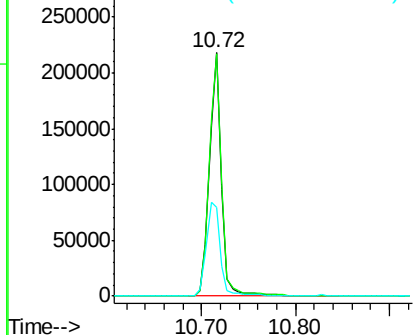


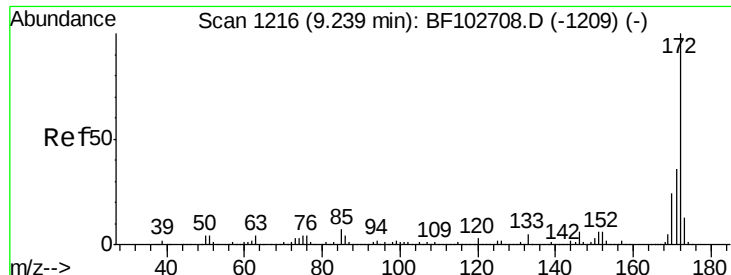
#41
 2,4,6-Tribromophenol
 Concen: 98.39 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102869.D
 Acq: 8 Feb 2018 21:10

Tgt Ion:330 Resp: 198865
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 45.2 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

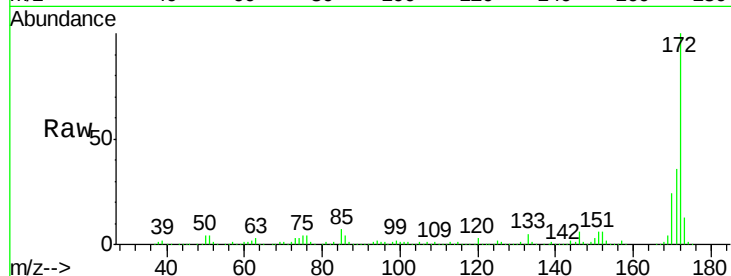




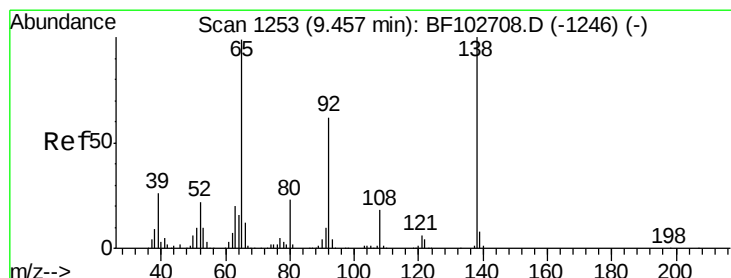
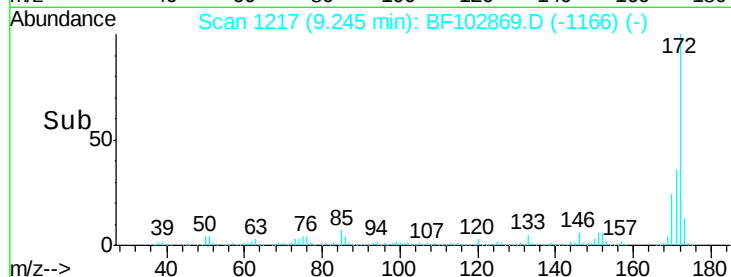
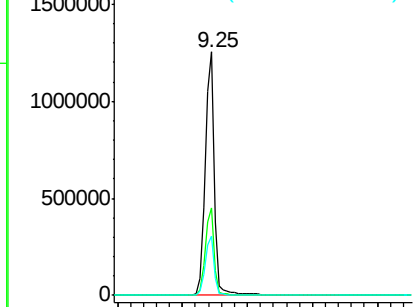
#44
2-Fluorobiphenyl
Concen: 80.72 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1221619
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.3 19.6 29.4

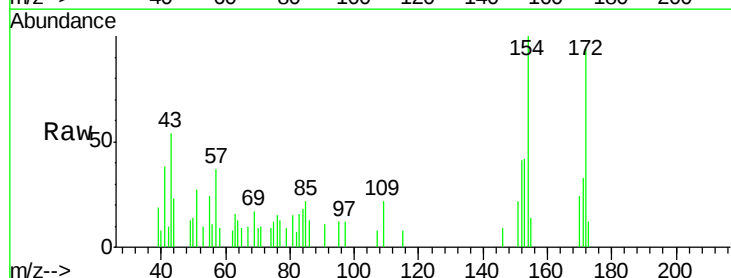


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

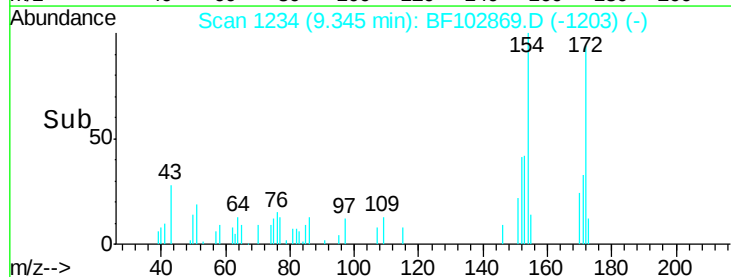
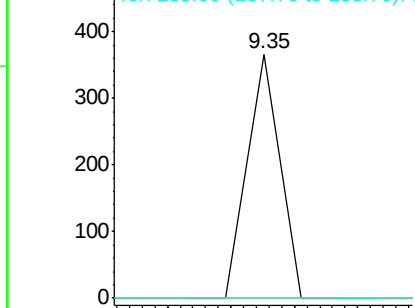


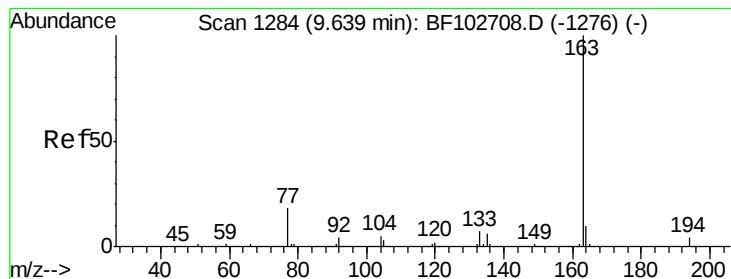
#47
2-Nitroaniline
Concen: 3.50 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.12 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion: 65 Resp: 129
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: 4.59 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102869.D

Acq: 8 Feb 2018 21:10

Instrument :

BNA_F

ClientSampleId :

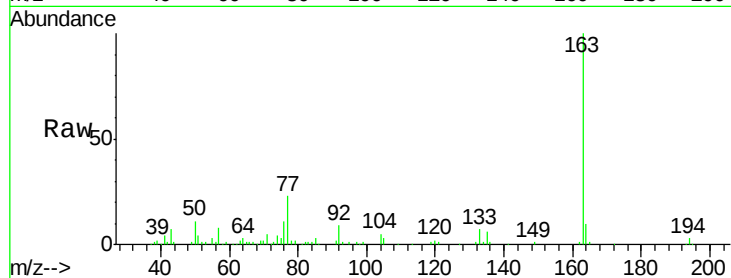
Tot Ion:163 Resp: 89893

Ion Ratio Lower Upper

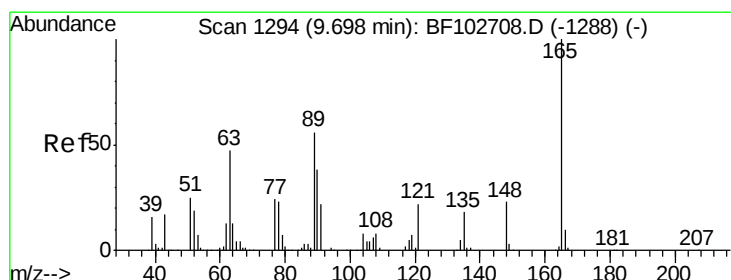
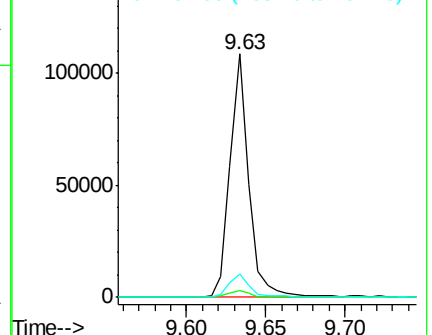
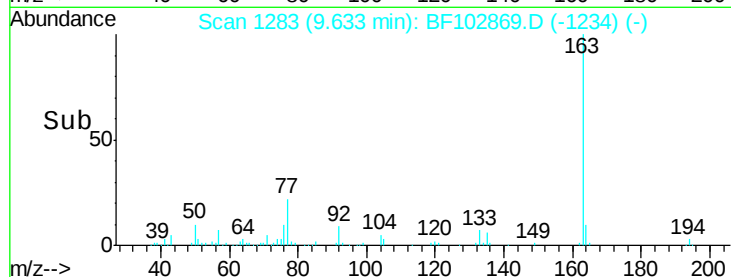
163 100

194 2.9 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: 8.65 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF102869.D

Acq: 8 Feb 2018 21:10

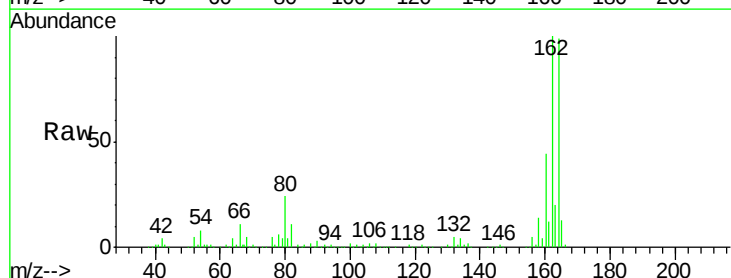
Tgt Ion:165 Resp: 32230

Ion Ratio Lower Upper

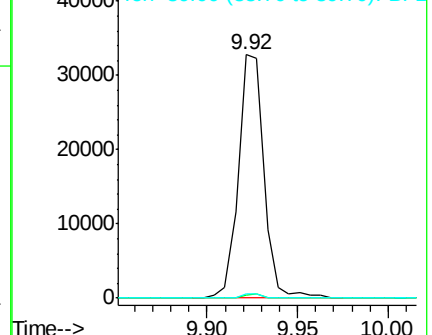
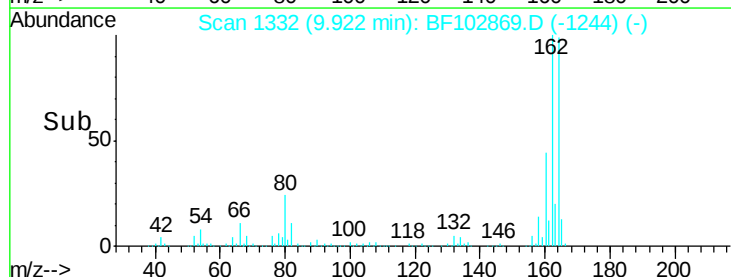
165 100

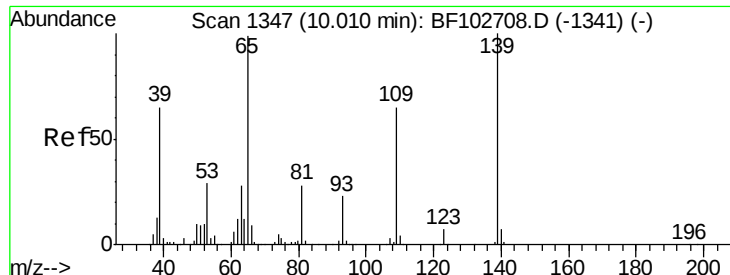
63 1.3 44.7 67.1#

89 1.6 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

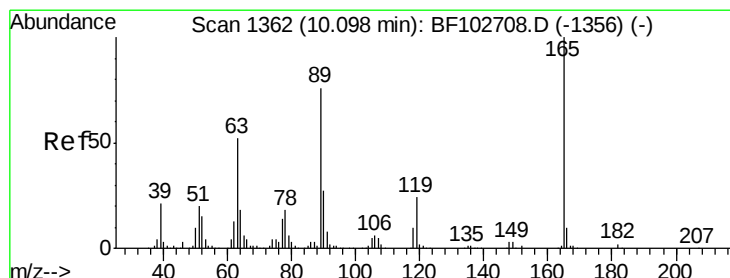
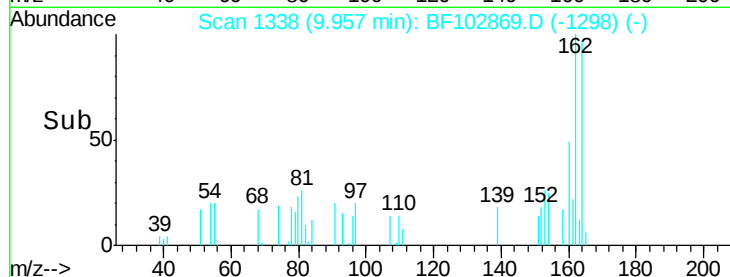
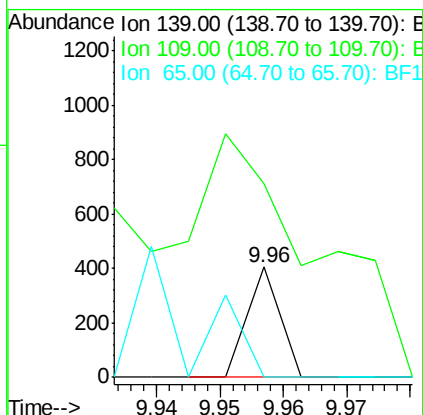
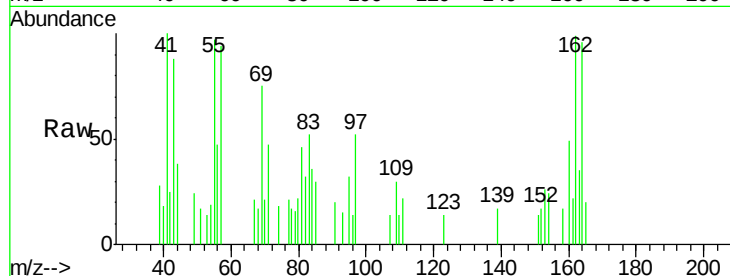




#55
4-Nitrophenol
Concen: 4.06 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.06 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

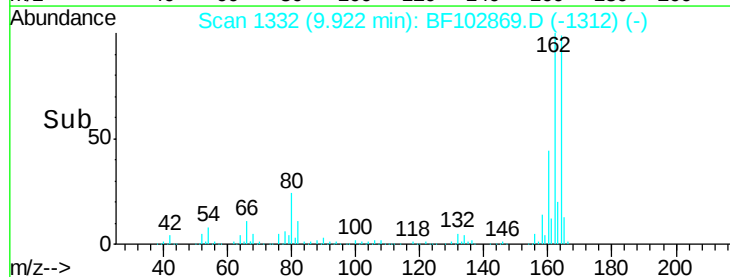
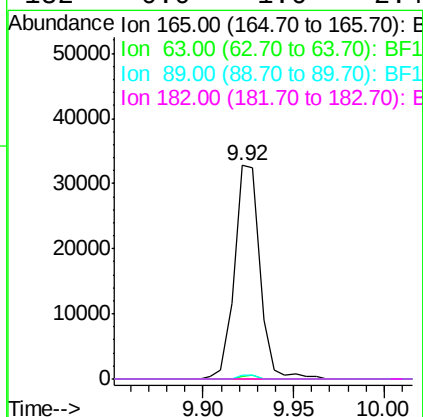
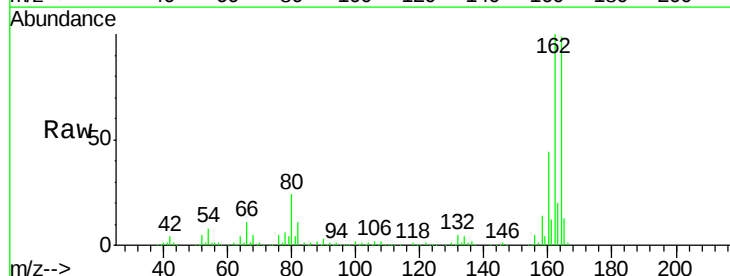
Instrument :
BNA_F
ClientSampled :

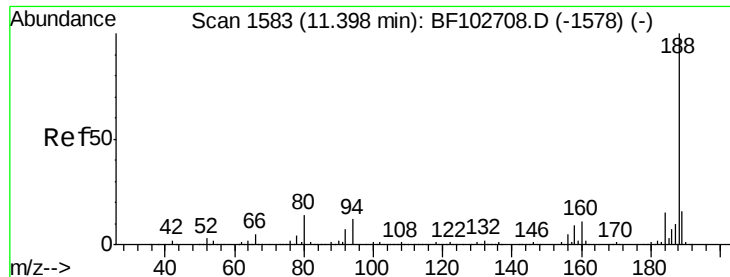
Tot Ion:139 Resp: 143
Ion Ratio Lower Upper
139 100
109 175.4 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.11 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion:165 Resp: 32230
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

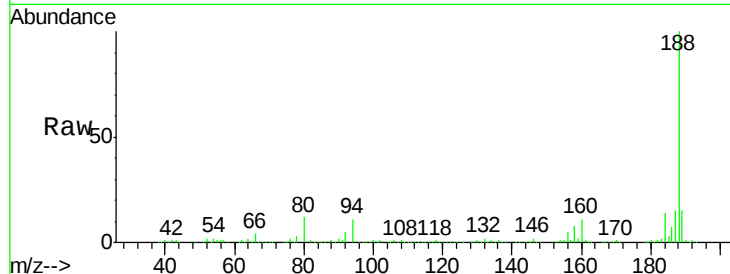




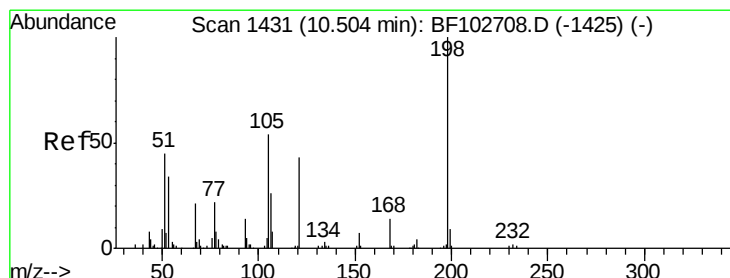
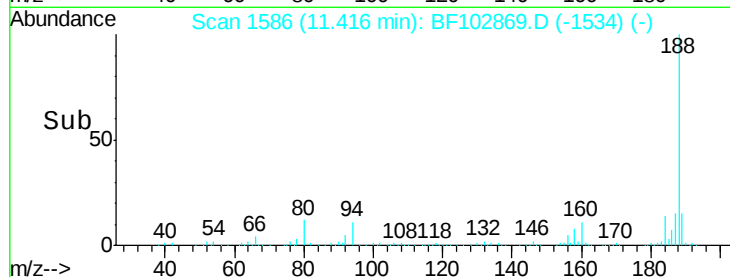
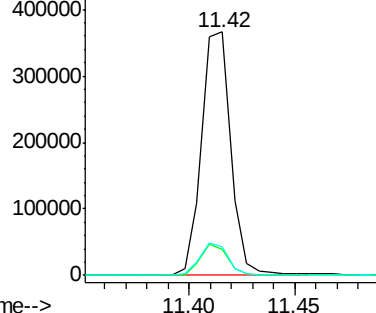
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF102869.D
 Acq: 8 Feb 2018 21:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.8	9.2	13.8

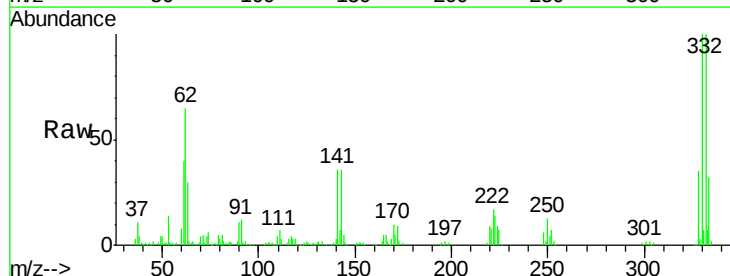


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

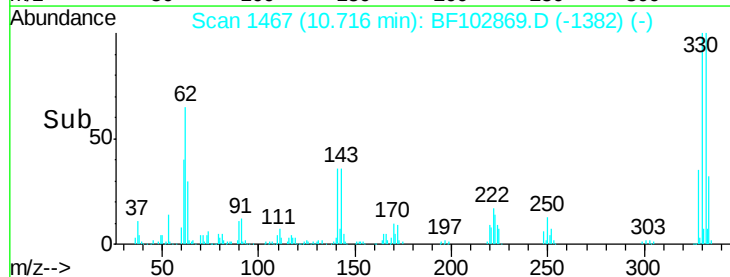
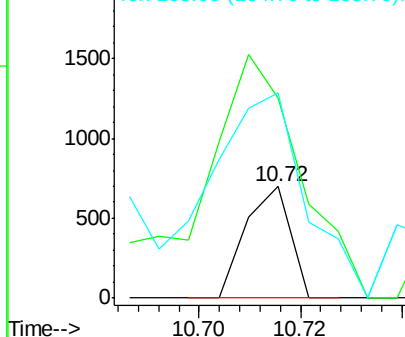


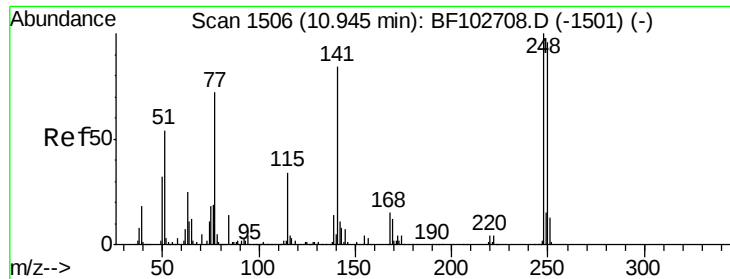
#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.06 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF102869.D
 Acq: 8 Feb 2018 21:10

Tgt Ion	Ratio	Lower	Upper
198	100		
51	178.8	37.7	77.7#
105	183.4	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

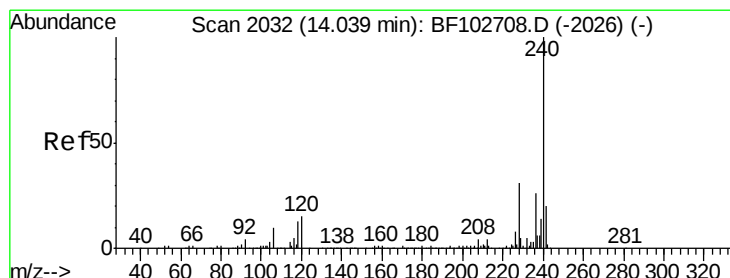
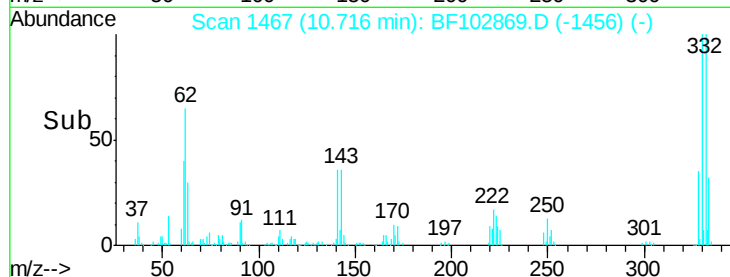
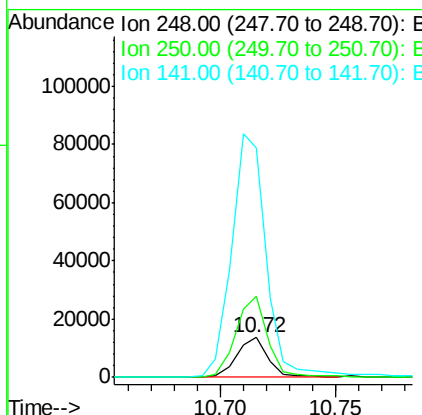
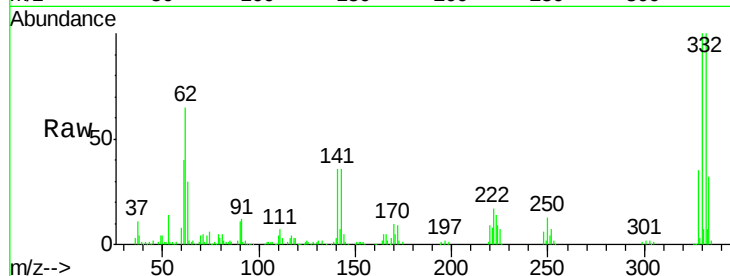




#66
 4-Bromophenyl-phenylether
 Concen: 3.42 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.24 min
 Lab File: BF102869.D
 Acq: 8 Feb 2018 21:10

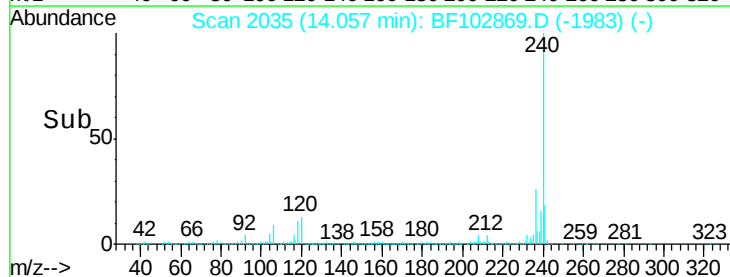
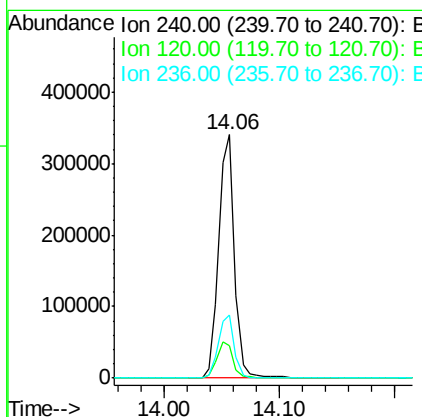
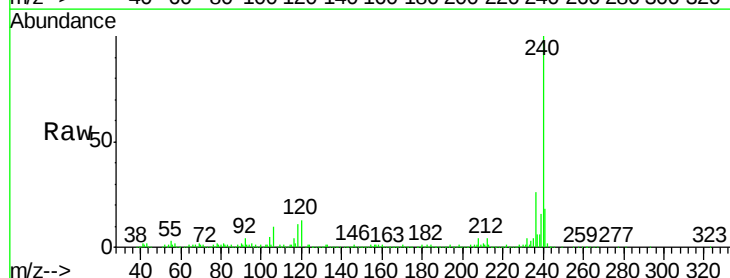
Instrument :
 BNA_F
 ClientSampleId :

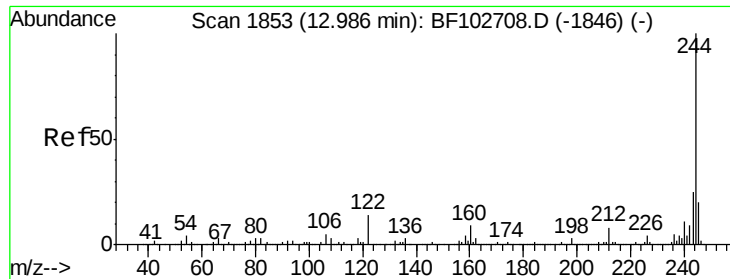
Tot Ion:248 Resp: 12672
 Ion Ratio Lower Upper
 248 100
 250 205.8 76.9 115.3#
 141 580.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF102869.D
 Acq: 8 Feb 2018 21:10

Tgt Ion:240 Resp: 324856
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 59.79 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102869.D

Acq: 8 Feb 2018 21:10

Instrument :

BNA_F

ClientSampled :

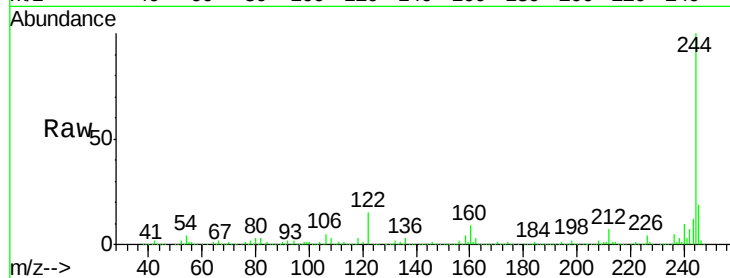
Tot Ion:244 Resp: 820326

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

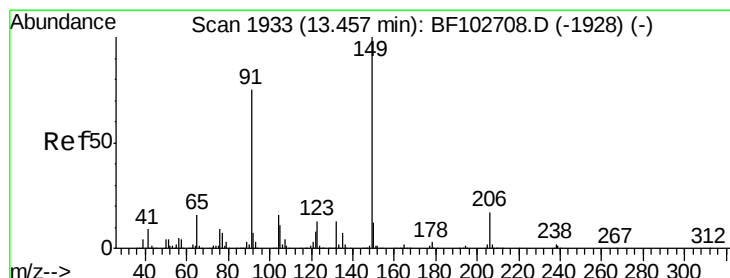
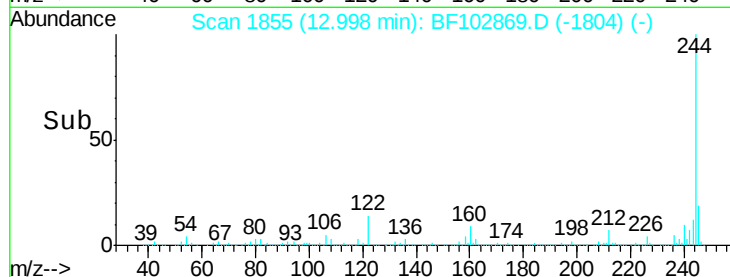
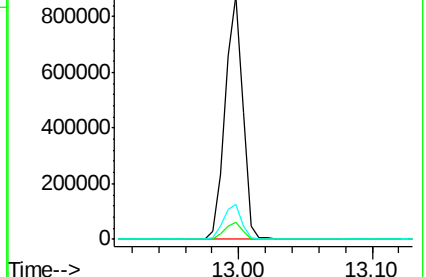
122 14.5 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 2.25 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF102869.D

Acq: 8 Feb 2018 21:10

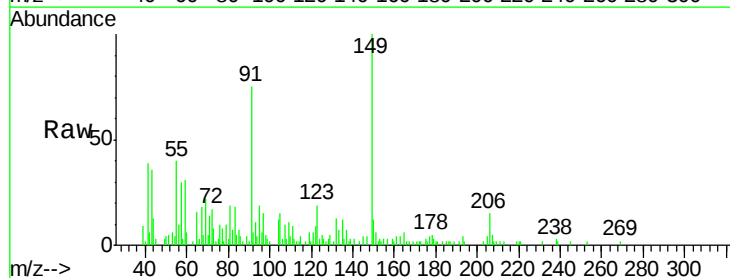
Tgt Ion:149 Resp: 15206

Ion Ratio Lower Upper

149 100

91 74.6 56.8 85.2

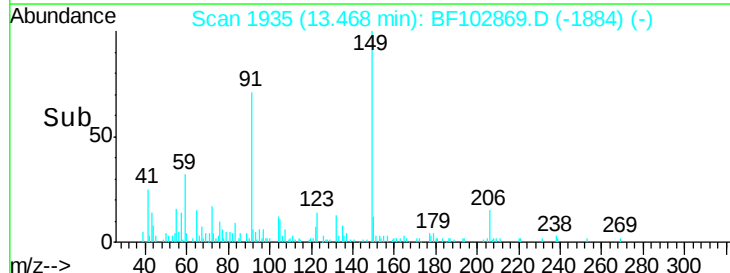
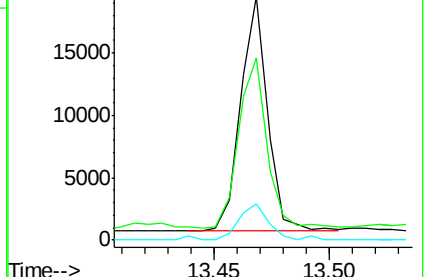
206 14.7 14.1 21.1

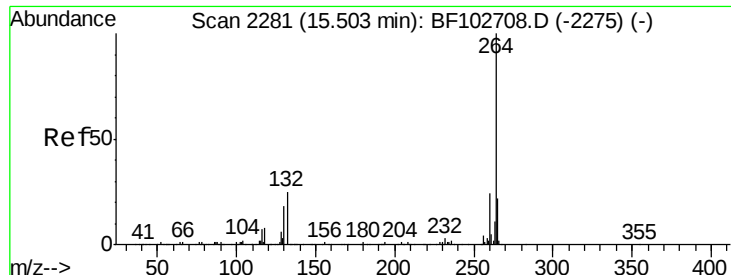


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

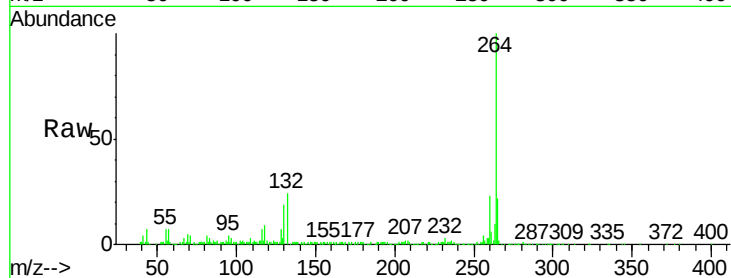




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
245750	264	100		
	260	23.4	19.2	28.8
	265	21.6	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

