

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103757.D
 Acq On : 19 Mar 2018 15:17
 Operator : JU/SJ
 Sample : J1756-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 16:50:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	169291	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	686650	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	333918	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	606956	20.00	ng	0.00
75) Chrysene-d12	14.15	240	542118	20.00	ng	-0.01
86) Perylene-d12	15.69	264	472760	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1267315	113.86	ng	0.02
7) Phenol-d6	6.60	99	1419692	104.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	1101069	111.82	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	447411	155.84	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1763220	84.23	ng	0.00
78) Terphenyl-d14	13.10	244	1929320	82.61	ng	0.00

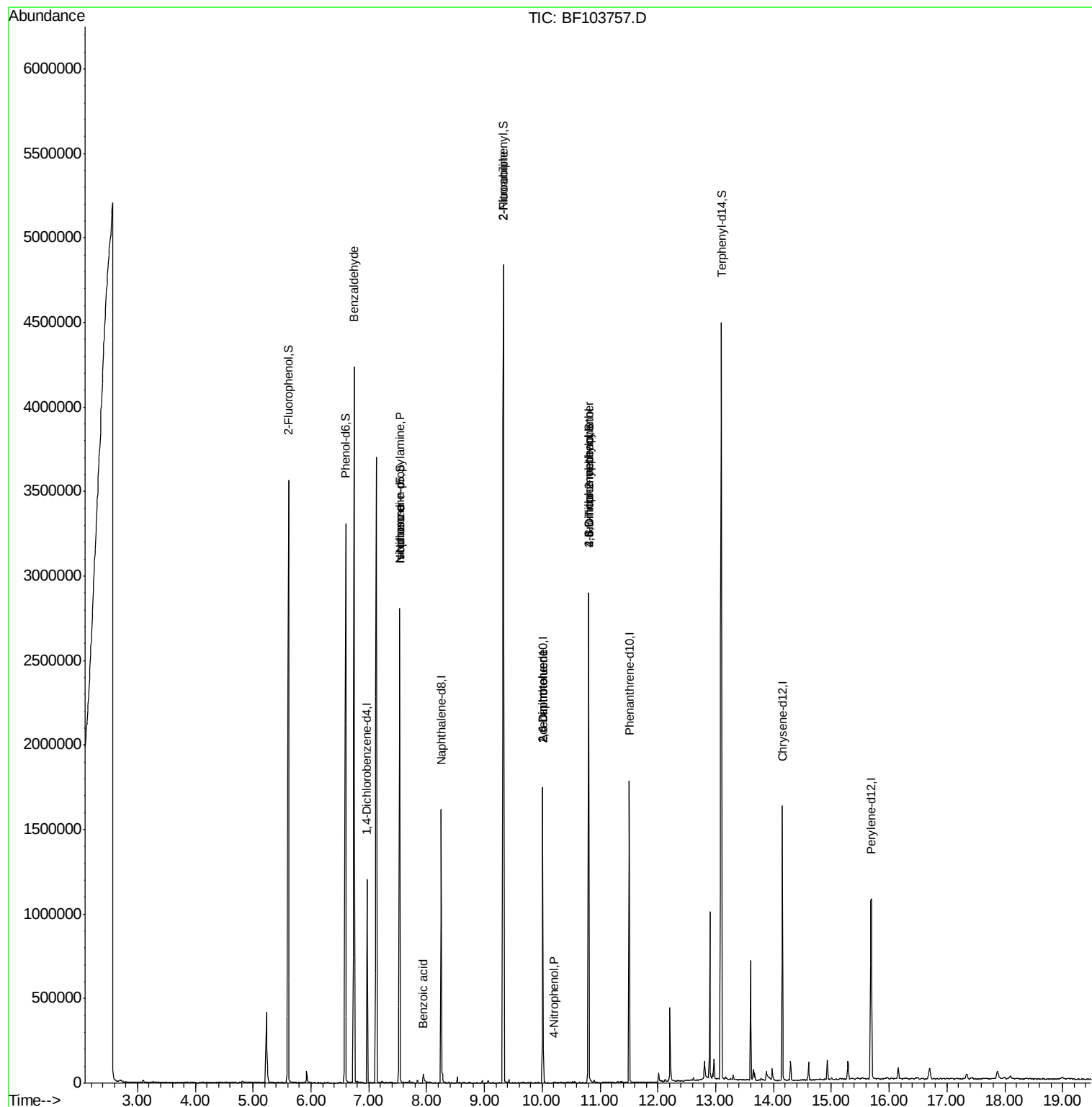
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	29280	3.273	ng	83
19) n-Nitroso-di-n-propylamine	7.53	70	144756	16.588	ng	# 71
25) Isophorone	7.53	82	1101060	48.305	ng	# 64
32) Benzoic acid	7.95	122	16708	11.830	ng	97
47) 2-Nitroaniline	9.32	65	2791	7.228	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	42808	11.949	ng	# 25
55) 4-Nitrophenol	10.21	139	458	5.062	ng	# 9
56) 2,4-Dinitrotoluene	10.01	165	42808	12.182	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	1033	8.627	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	26861	4.310	ng	# 1

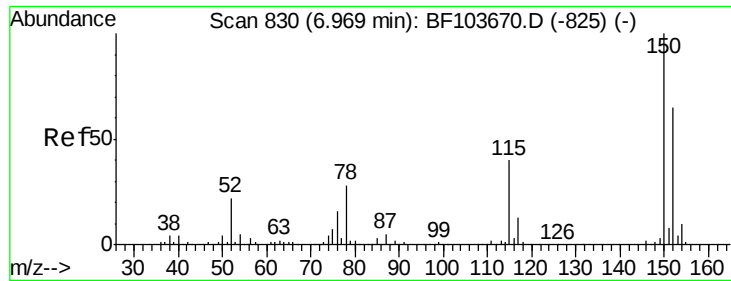
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103757.D
Acq On : 19 Mar 2018 15:17
Operator : JU/SJ
Sample : J1756-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 19 16:50:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 10:47:21 2018
Response via : Initial Calibration



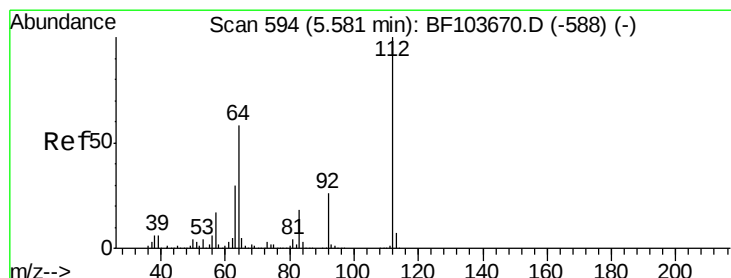
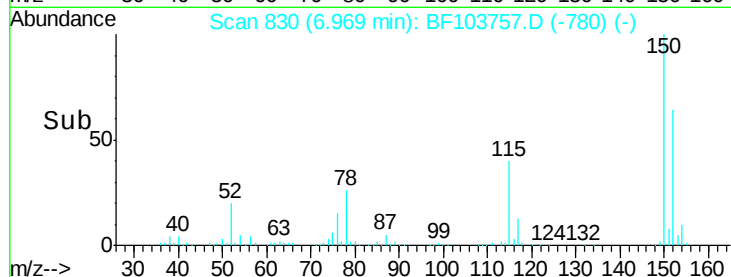
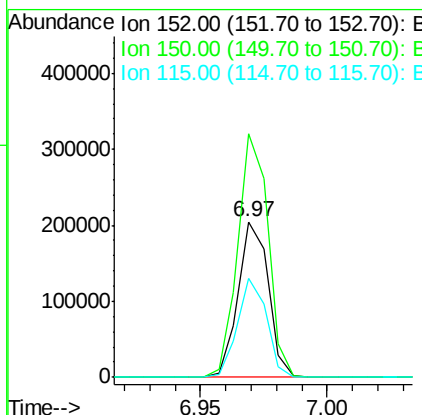
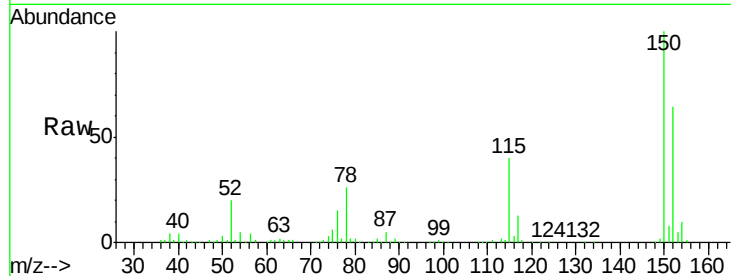


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Instrument :
BNA_F
ClientSampleId :

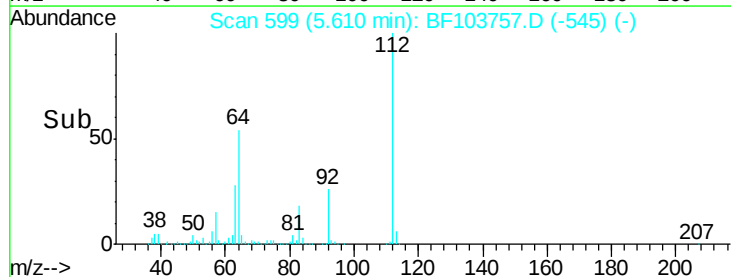
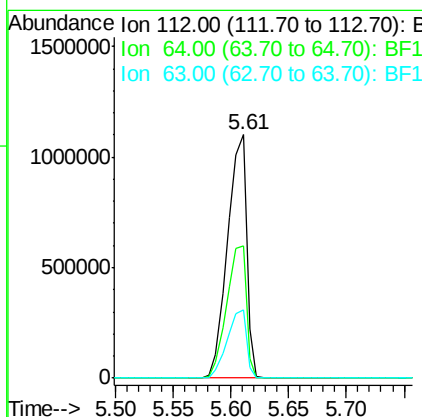
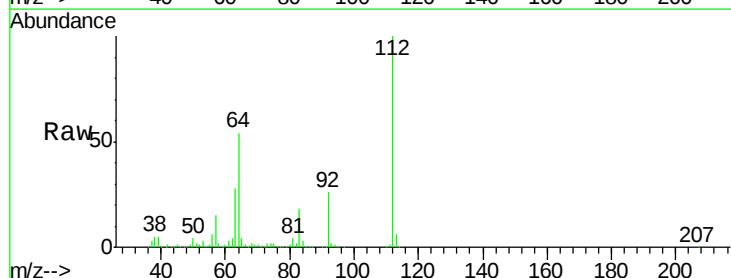
Tot Ion:152 Resp: 169291
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 63.2 50.1 75.1

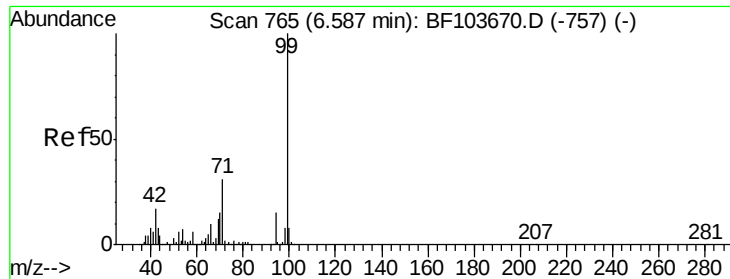


#5

2-Fluorophenol
Concen: 113.862 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Tgt Ion:112 Resp: 1267315
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 27.8 23.7 35.5





#7

Phenol-d6

Concen: 104.258 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

Instrument :

BNA_F

ClientSampleId :

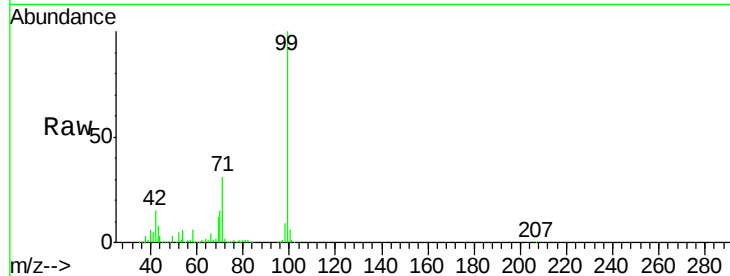
Tot Ion: 99 Resp: 1419692

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

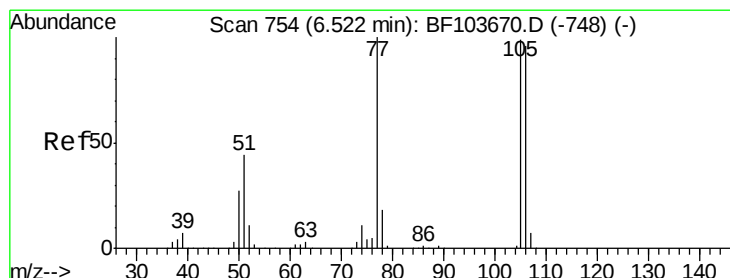
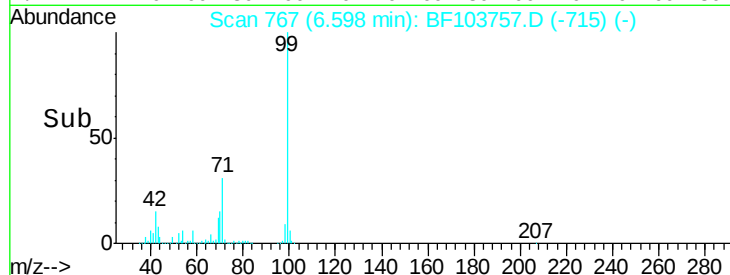
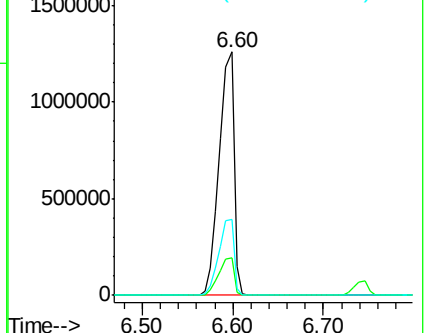
71 31.3 25.4 38.0



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: 3.273 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

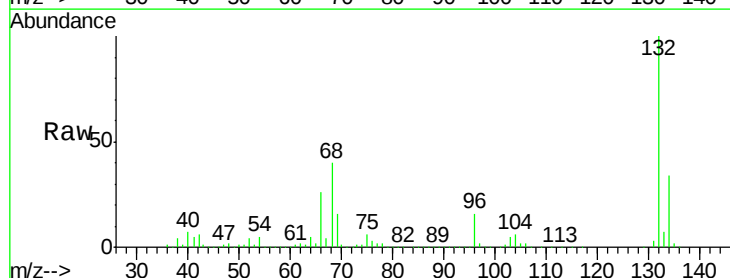
Tgt Ion: 77 Resp: 29280

Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

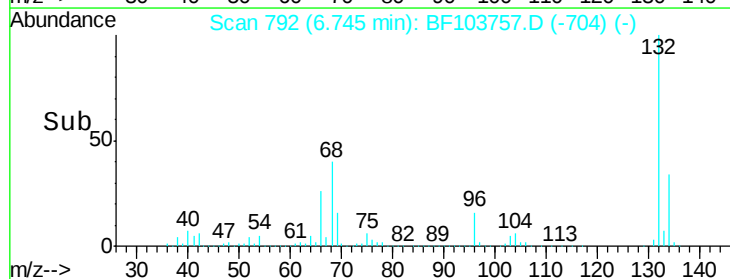
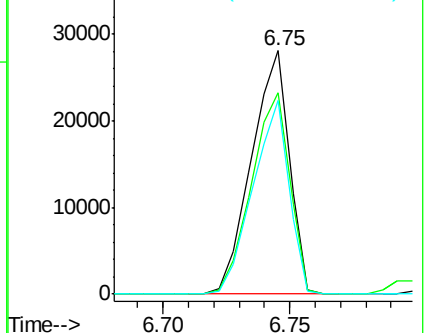
106 79.5 74.5 114.5

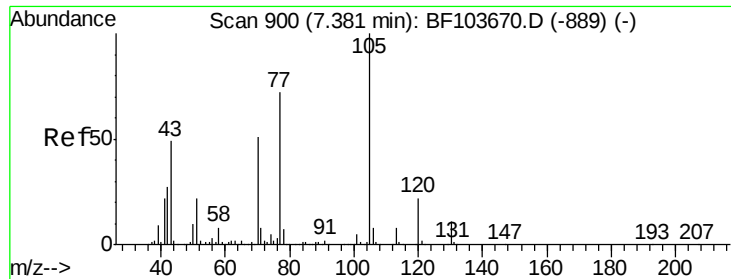


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

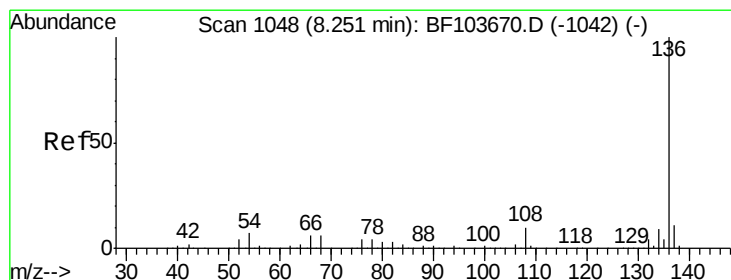
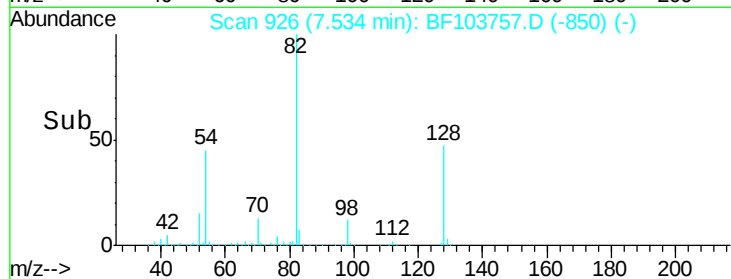
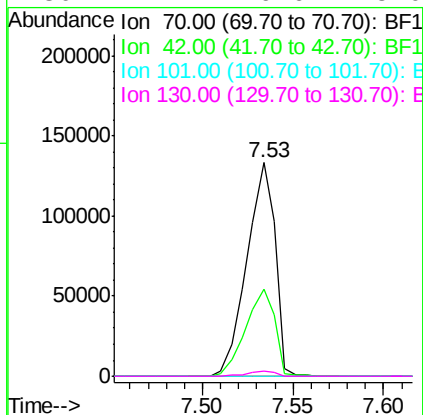
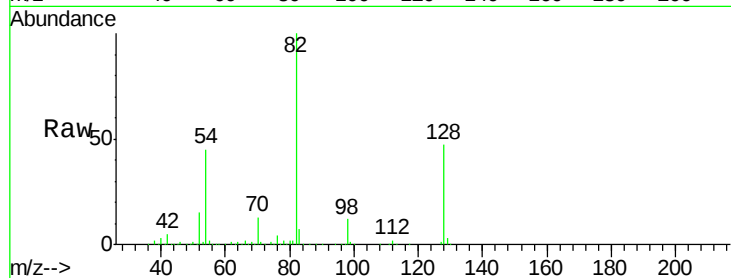




#19
n-Nitroso-di-n-propylamine
Concen: 16.588 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

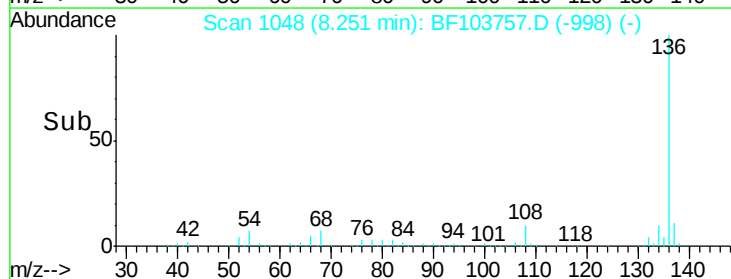
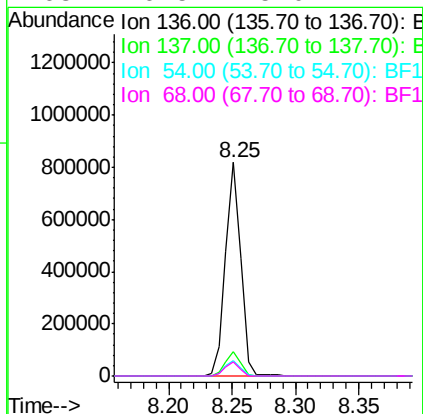
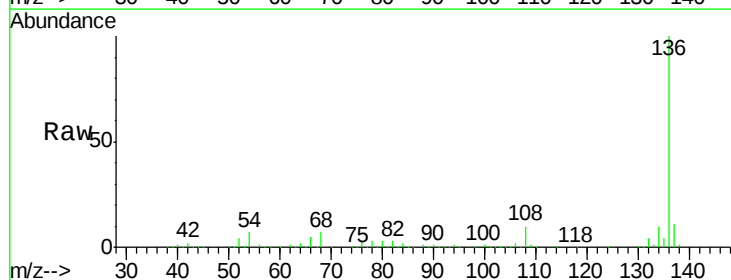
Instrument :
BNA_F
ClientSampleId :

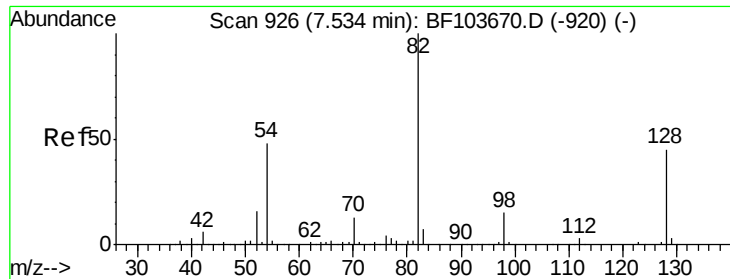
Tot Ion: 70 Resp: 144756
Ion Ratio Lower Upper
70 100
42 40.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Tgt Ion:136 Resp: 686650
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.6 9.8
68 6.5 5.0 7.4

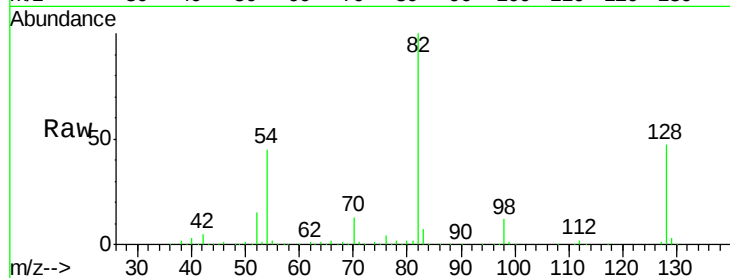




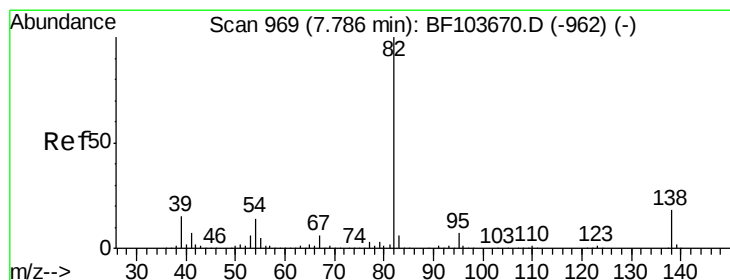
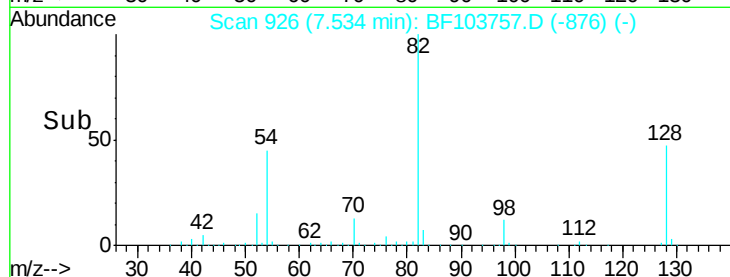
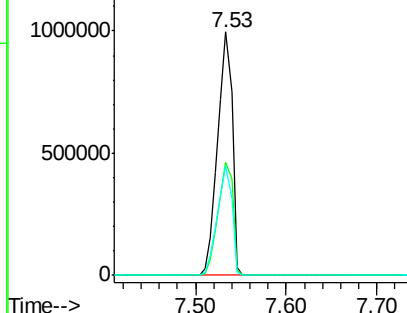
#23
 Nitrobenzene-d5
 Concen: 111.824 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1101069
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 44.8 41.4 62.2

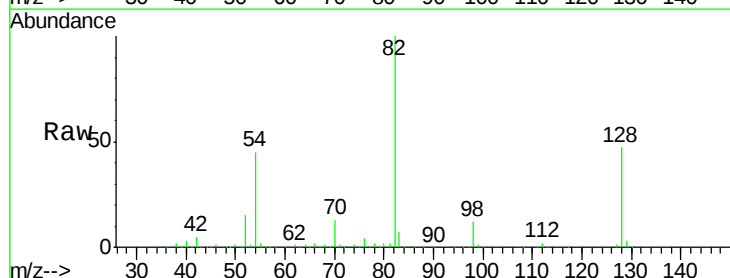


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

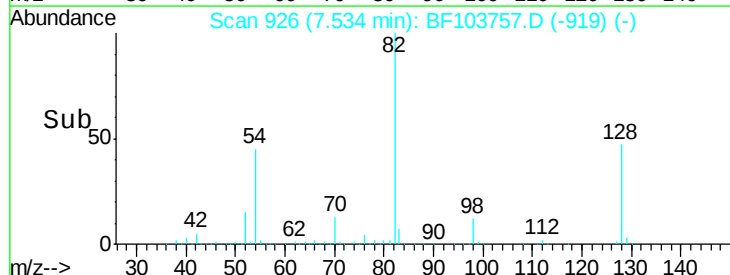
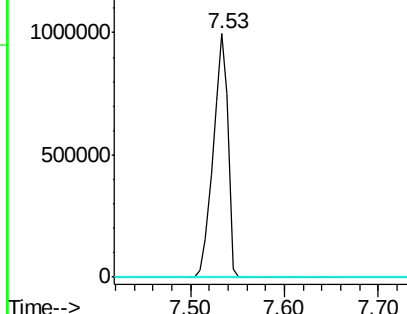


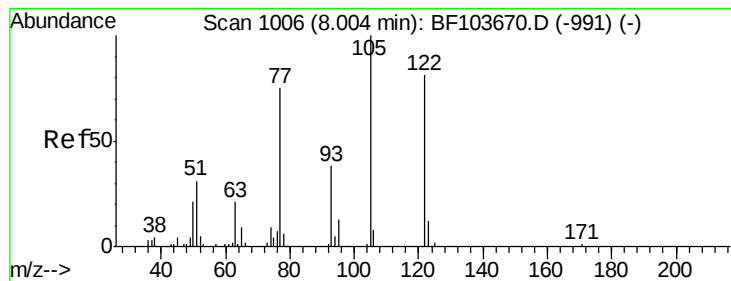
#25
 Isophorone
 Concen: 48.305 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.26 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Tgt Ion: 82 Resp: 1101060
 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





#32

Benzoic acid

Concen: 11.830 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.07 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

Instrument :

BNA_F

ClientSampleId :

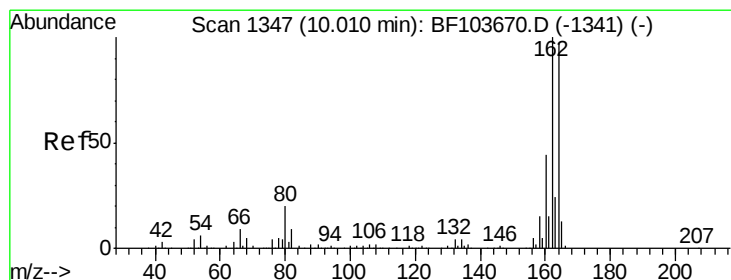
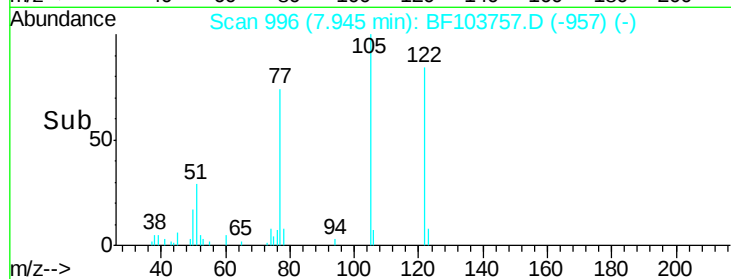
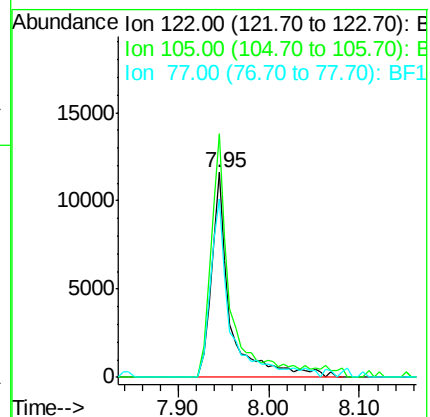
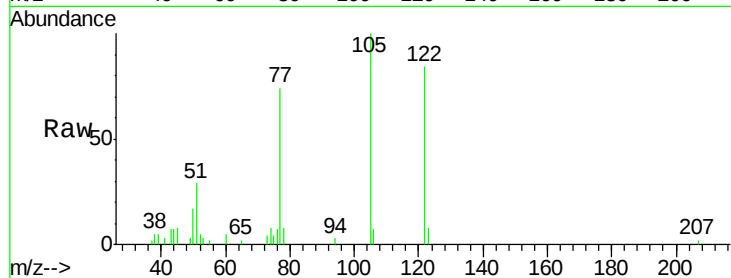
Tot Ion:122 Resp: 16708

Ion Ratio Lower Upper

122 100

105 118.7 101.1 141.1

77 87.2 70.7 110.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

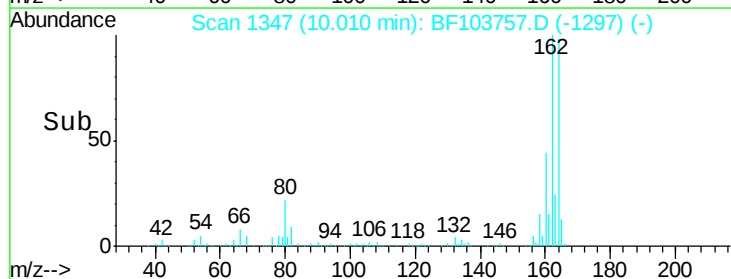
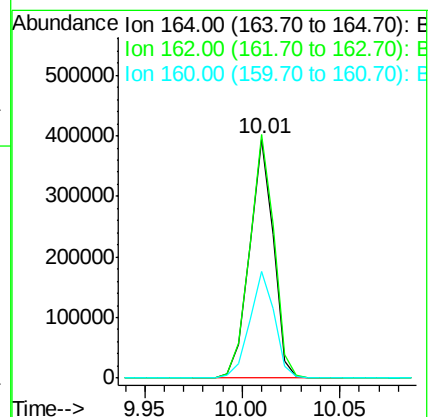
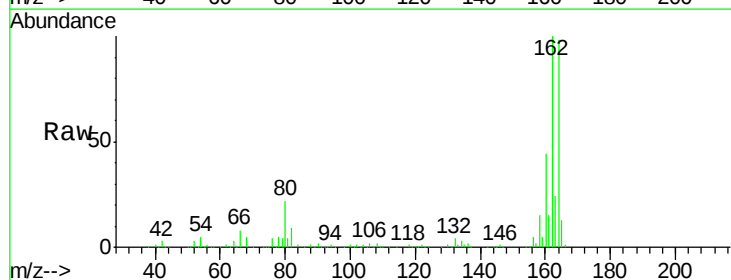
Tgt Ion:164 Resp: 333918

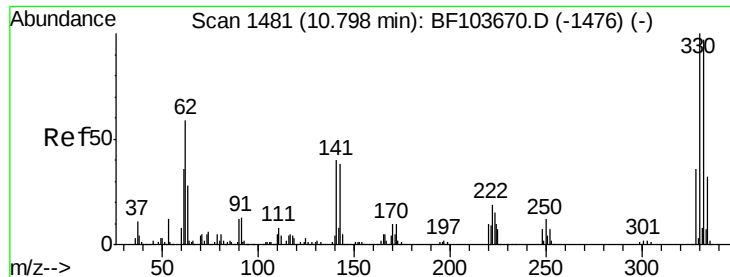
Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

160 44.7 38.3 57.5

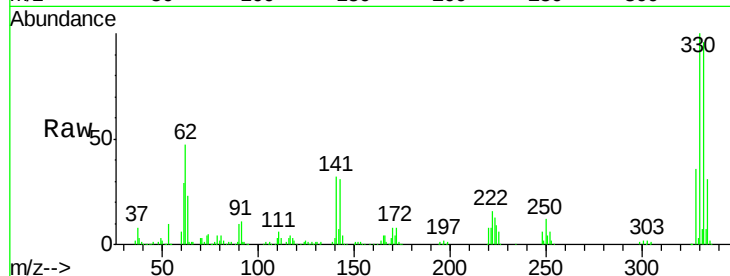




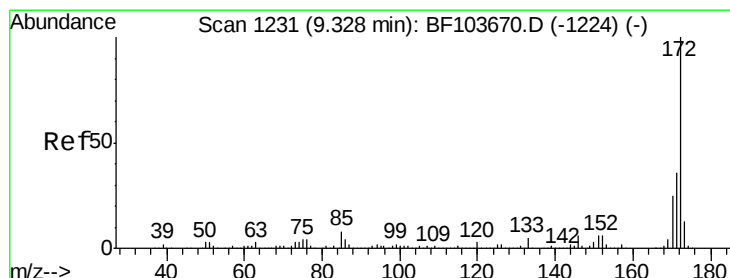
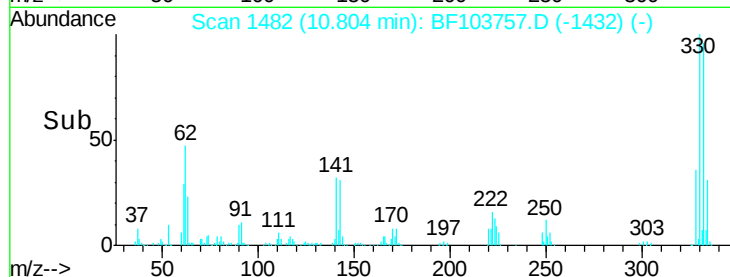
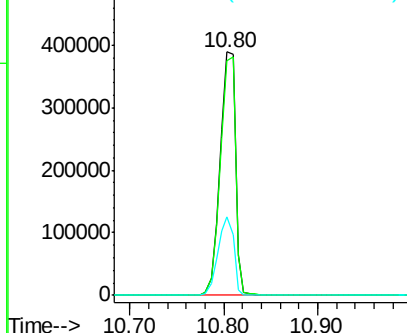
#41
 2,4,6-Tribromophenol
 Concen: 155.835 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 447411
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 32.8 29.9 44.9

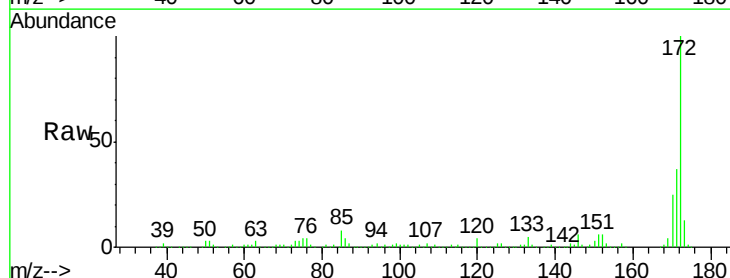


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

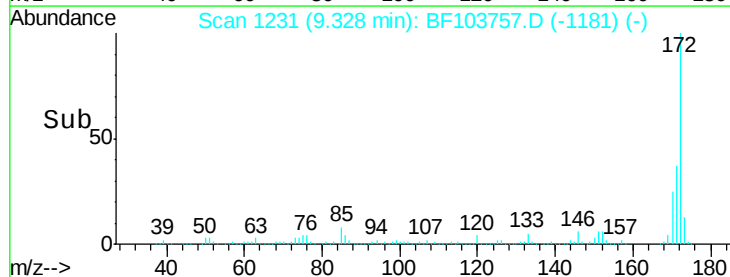
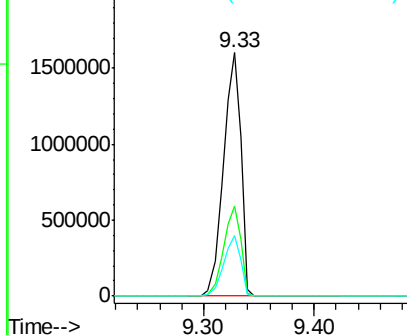


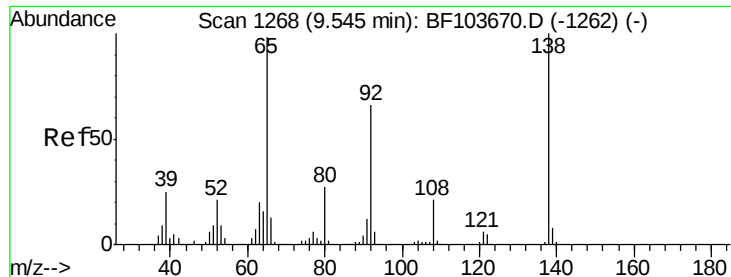
#44
 2-Fluorobiphenyl
 Concen: 84.230 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Tgt Ion:172 Resp: 1763220
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: 7.228 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.24 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

Instrument :

BNA_F

ClientSampleId :

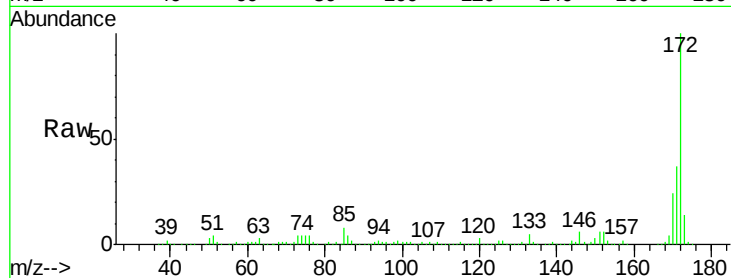
Tot Ion: 65 Resp: 2791

Ion Ratio Lower Upper

65 100

92 179.5 55.8 83.6#

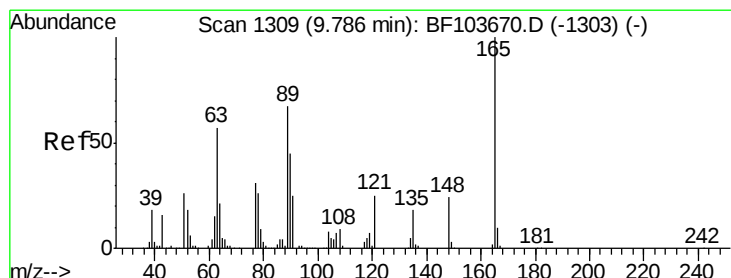
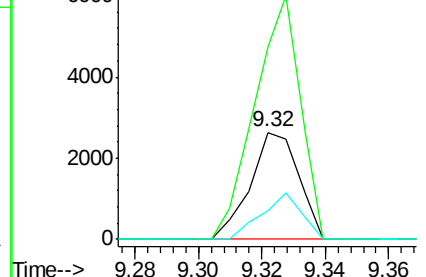
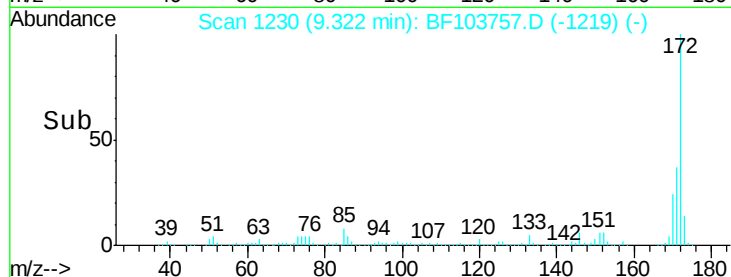
138 26.6 91.2 136.8#



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): BF1



#50

2,6-Dinitrotoluene

Concen: 11.949 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

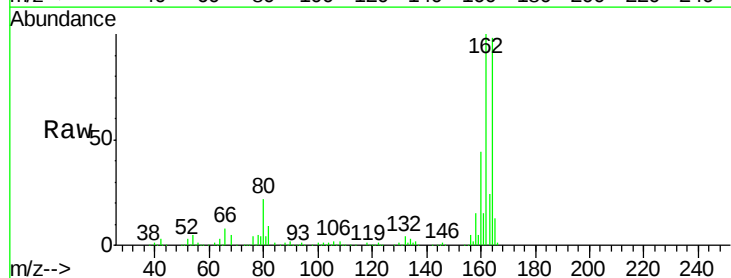
Tgt Ion:165 Resp: 42808

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

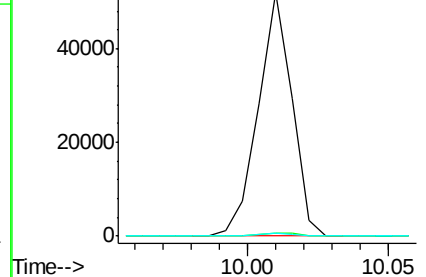
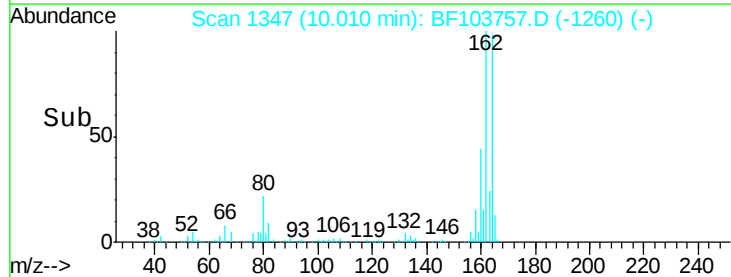
89 1.3 44.0 66.0#

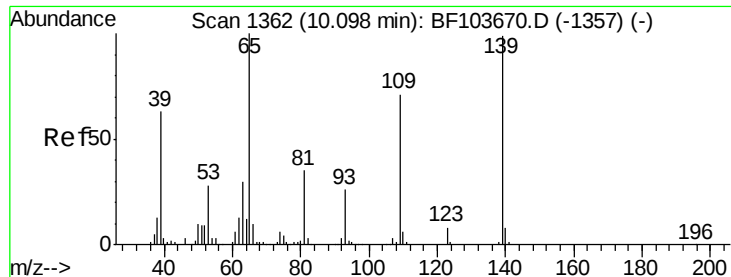


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

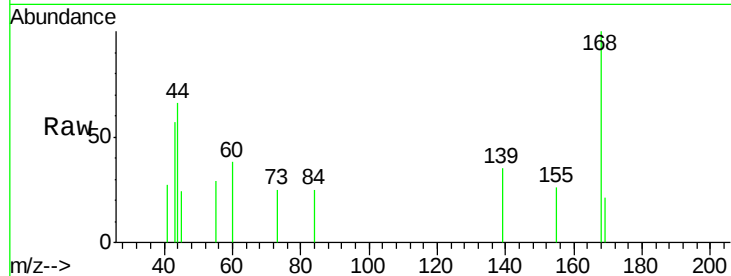




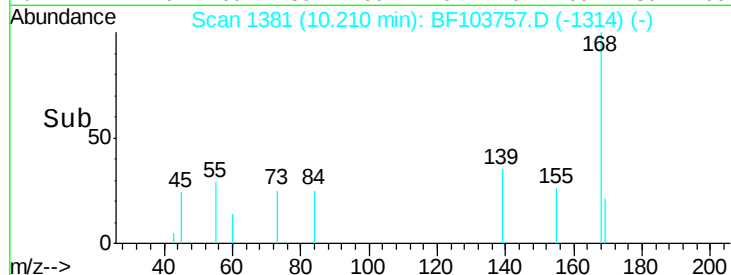
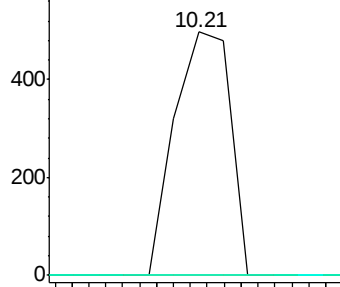
#55
4-Nitrophenol
Concen: 5.062 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.09 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Instrument :
BNA_F
ClientSampleId :

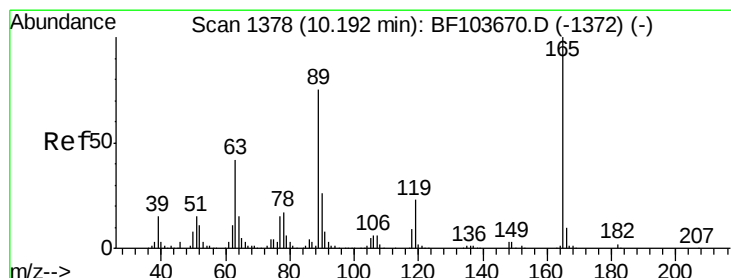
Tot Ion:139 Resp: 458
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

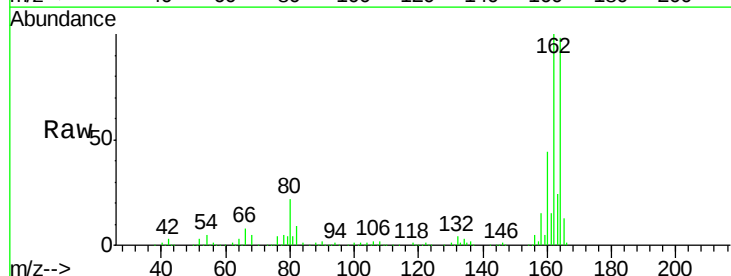


Time-->

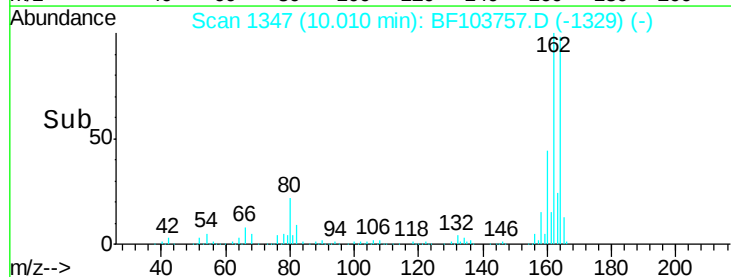
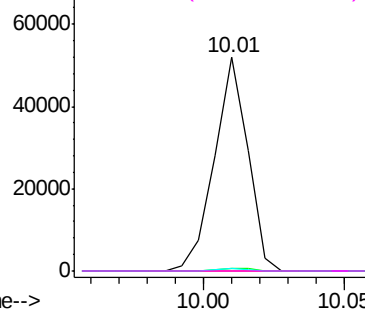


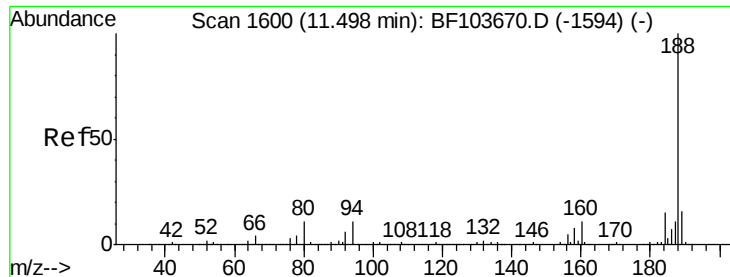
#56
2,4-Dinitrotoluene
Concen: 12.182 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Tgt Ion:165 Resp: 42808
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.3 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

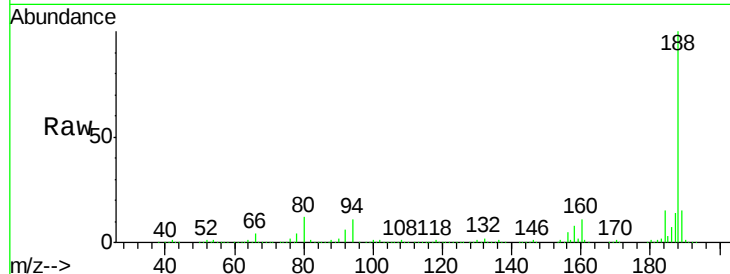




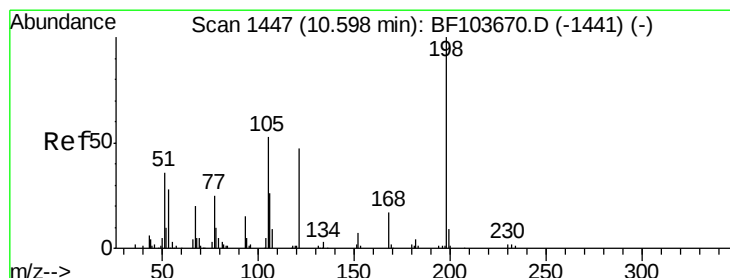
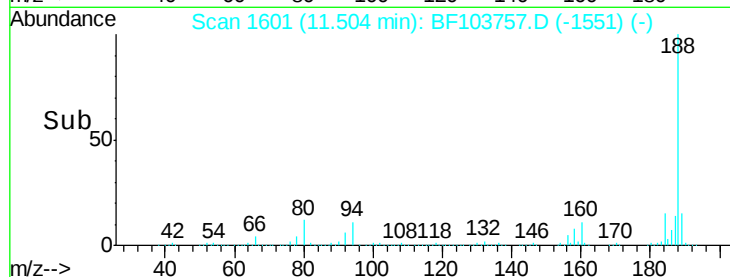
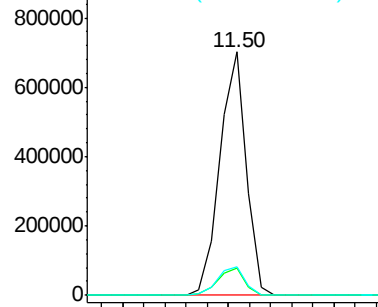
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 606956
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.7 9.2 13.8

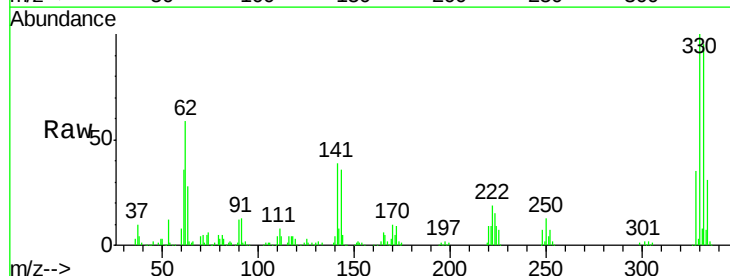


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

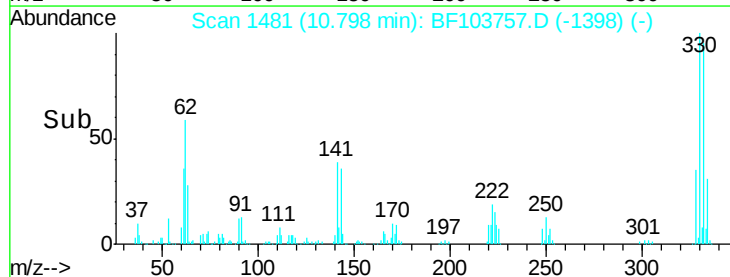
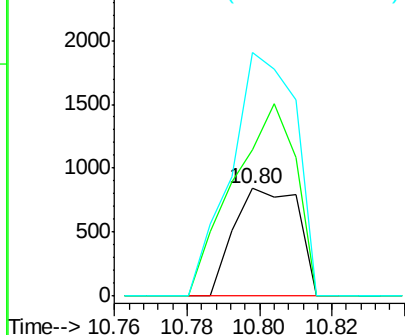


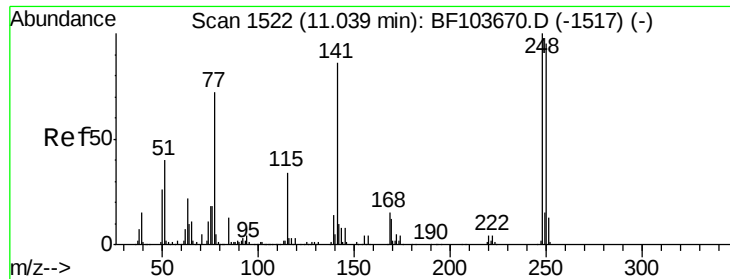
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.627 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.19 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Tgt Ion:198 Resp: 1033
 Ion Ratio Lower Upper
 198 100
 51 136.2 37.7 77.7#
 105 225.9 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

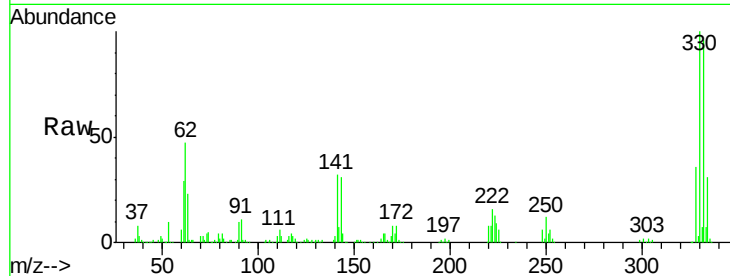




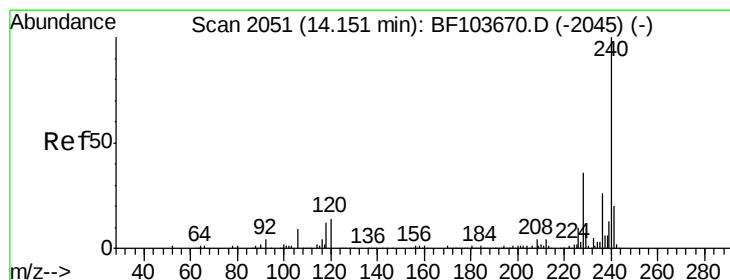
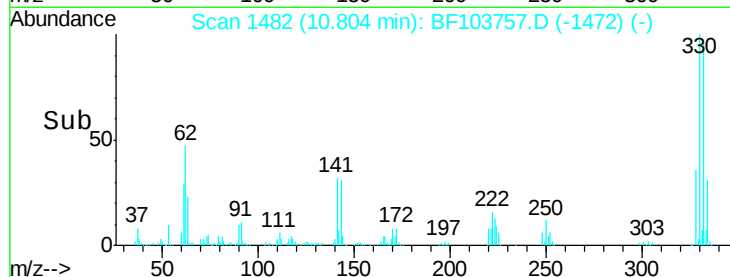
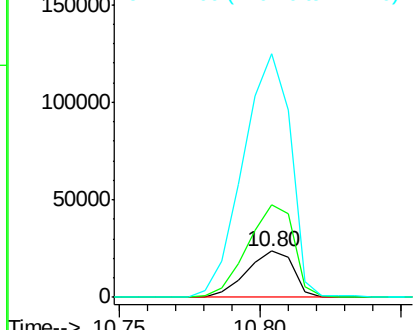
#66
4-Bromophenyl-phenylether
Concen: 4.310 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26861
Ion Ratio Lower Upper
248 100
250 200.6 76.9 115.3#
141 524.6 74.4 111.6#

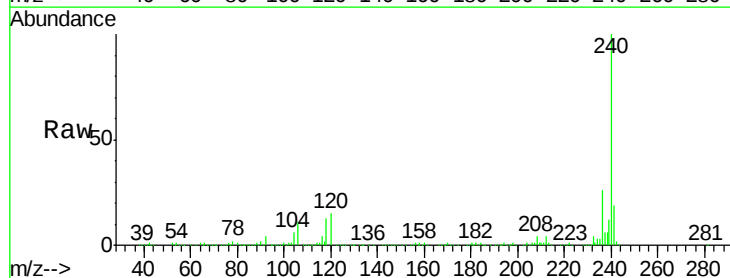


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

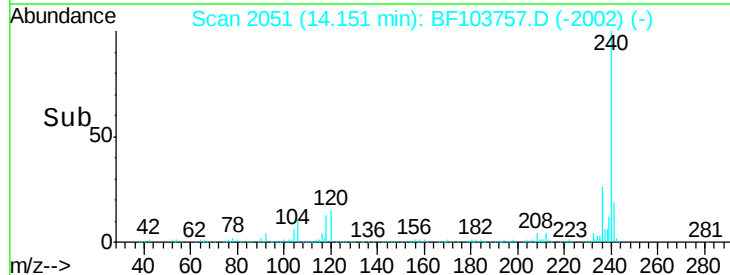
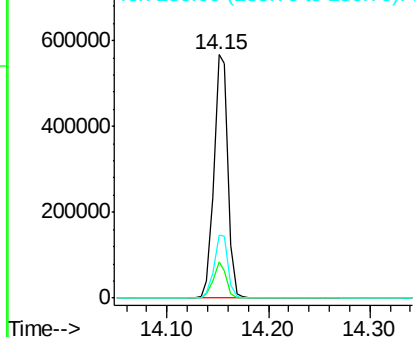


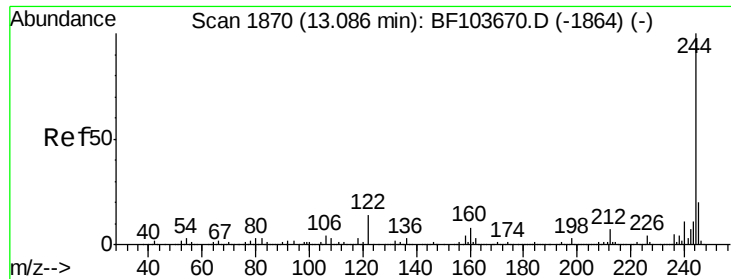
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Tgt Ion:240 Resp: 542118
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 26.0 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

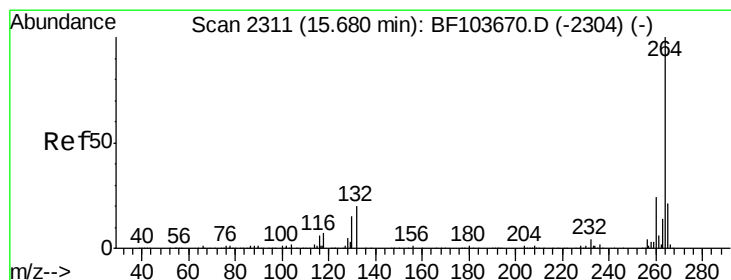
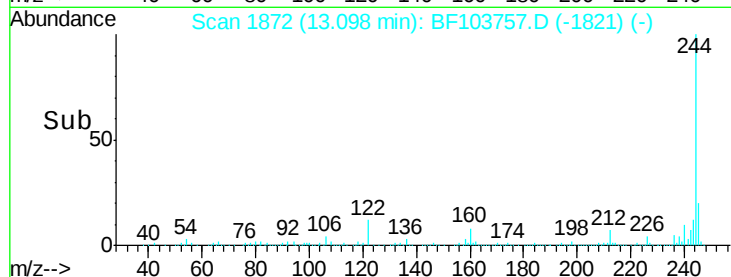
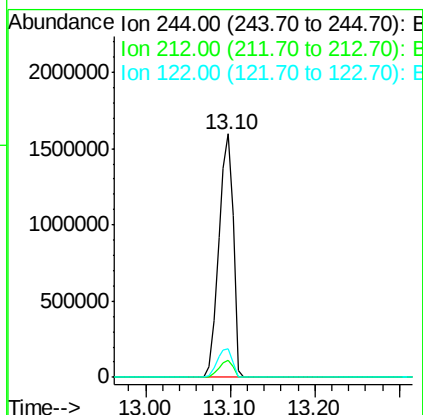
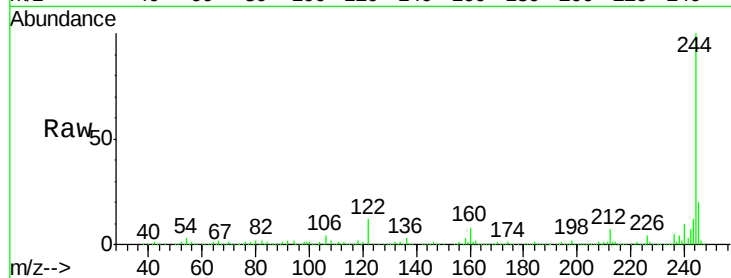




#78
 Terphenyl-d14
 Concen: 82.606 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1929320
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Tgt Ion:264 Resp: 472760
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.1 17.5 26.3

