

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103872.D
 Acq On : 23 Mar 2018 11:41
 Operator : JU/SJ
 Sample : J2002-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:28:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147056	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	597433	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	286830	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	532616	20.00	ng	0.00
75) Chrysene-d12	14.16	240	496433	20.00	ng	0.00
86) Perylene-d12	15.71	264	455645	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	590494	61.07	ng	0.00
7) Phenol-d6	6.59	99	460047	38.89	ng	-0.01
23) Nitrobenzene-d5	7.54	82	918560	107.22	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	407861	165.38	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1592548	88.57	ng	0.00
78) Terphenyl-d14	13.10	244	1727352	80.76	ng	0.00

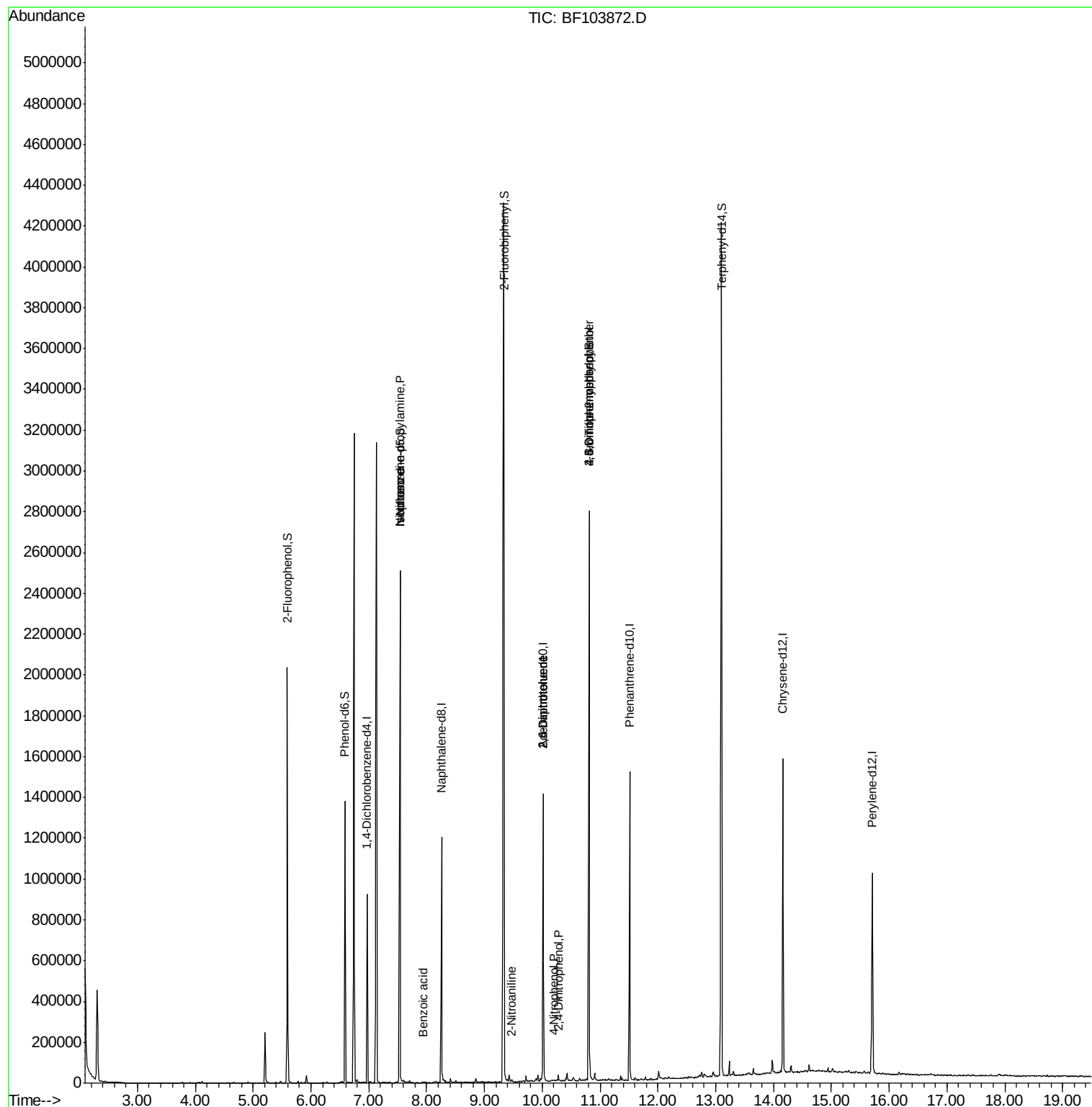
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	121579	16.038	ng	# 71
25) Isophorone	7.54	82	918552	46.316	ng	# 64
32) Benzoic acid	7.94	122	617	9.987	ng	94
47) 2-Nitroaniline	9.48	65	236	6.855	ng	# 2
50) 2,6-Dinitrotoluene	10.02	165	36306	11.848	ng	# 26
53) 2,4-Dinitrophenol	10.28	184	1881	9.622	ng	# 1
55) 4-Nitrophenol	10.22	139	120	4.998	ng	# 19
56) 2,4-Dinitrotoluene	10.02	165	36299	12.106	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	740	8.533	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	24193	4.424	ng	# 1

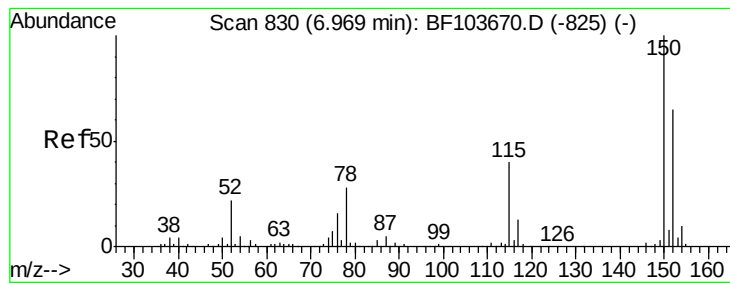
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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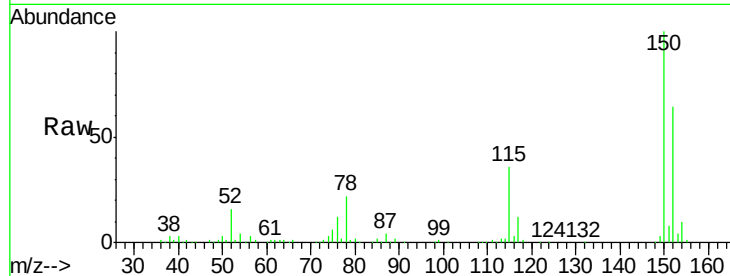


#1

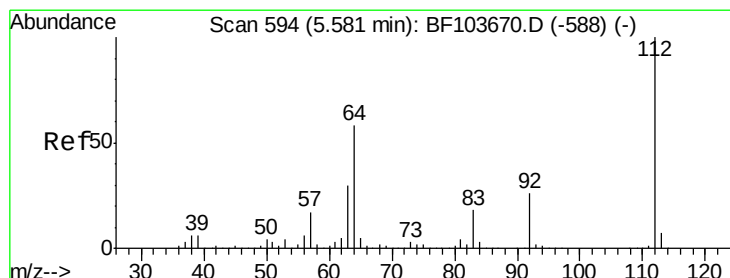
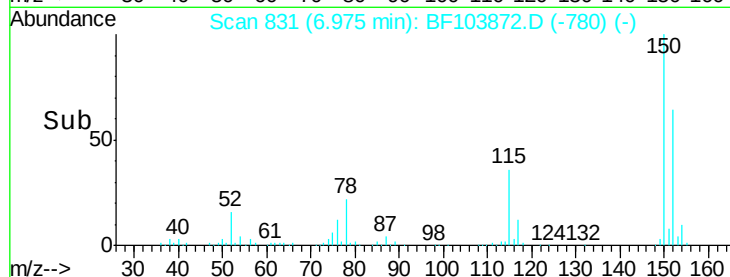
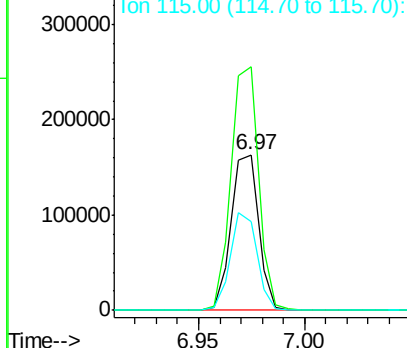
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147056
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 56.9 50.1 75.1



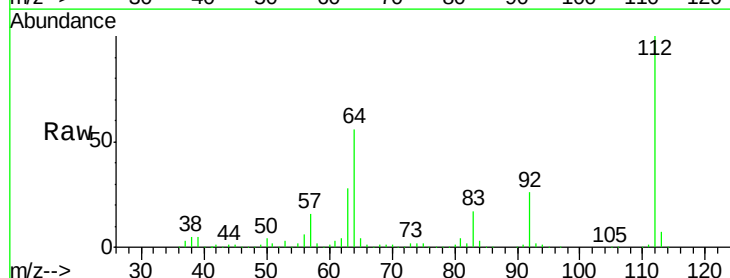
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



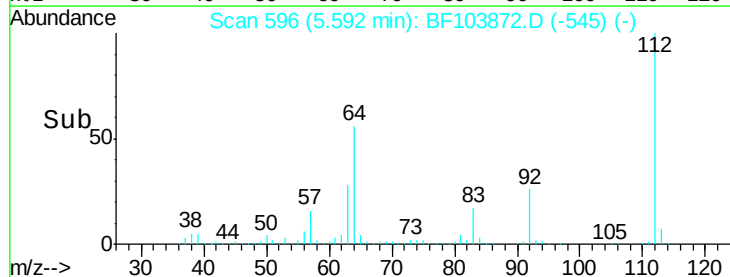
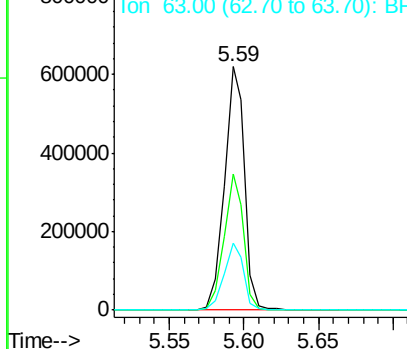
#5

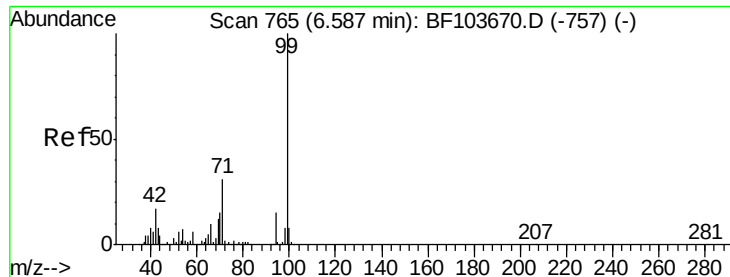
2-Fluorophenol
Concen: 61.075 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Tgt Ion:112 Resp: 590494
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 27.8 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: 38.893 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

Instrument :

BNA_F

ClientSampleId :

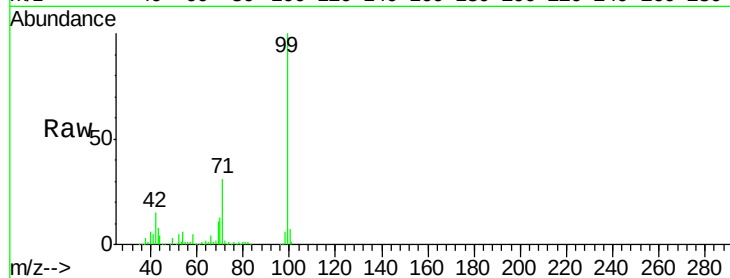
Tot Ion: 99 Resp: 460047

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

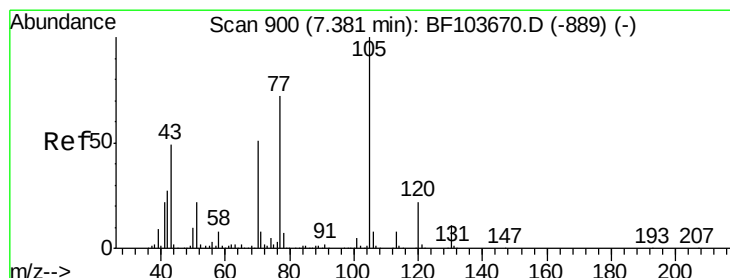
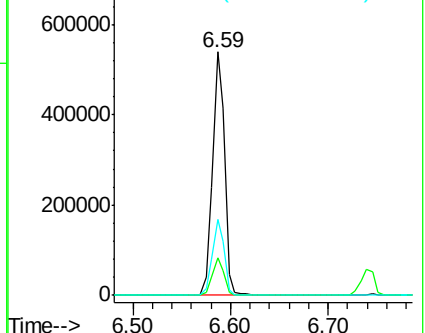
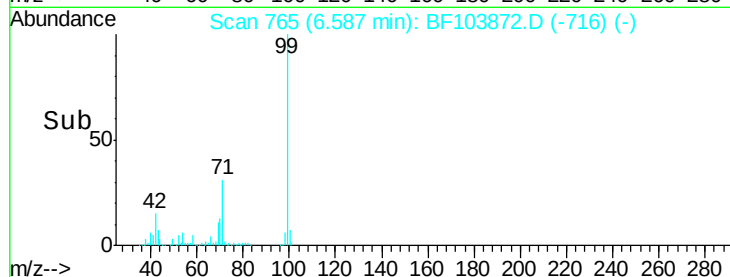
71 31.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.038 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

Tgt Ion: 70 Resp: 121579

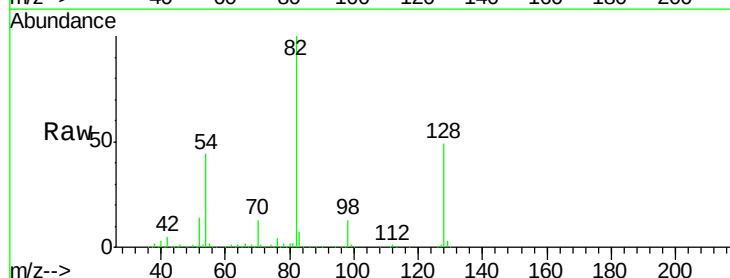
Ion Ratio Lower Upper

70 100

42 39.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

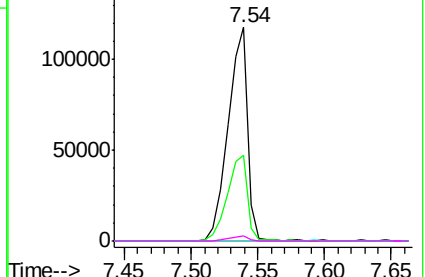
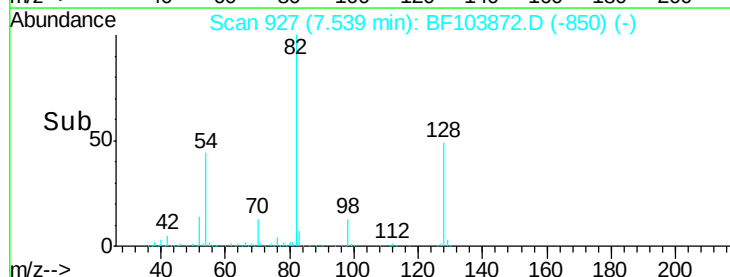


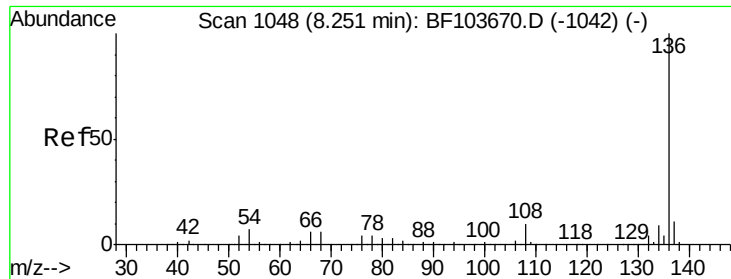
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

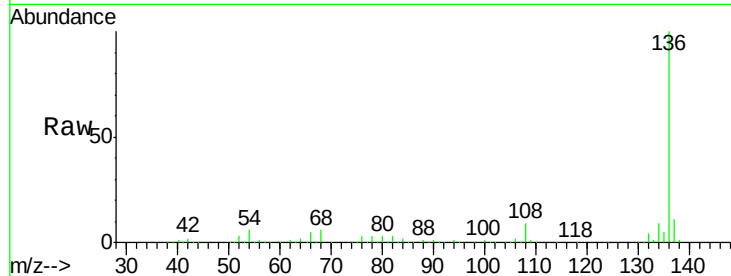




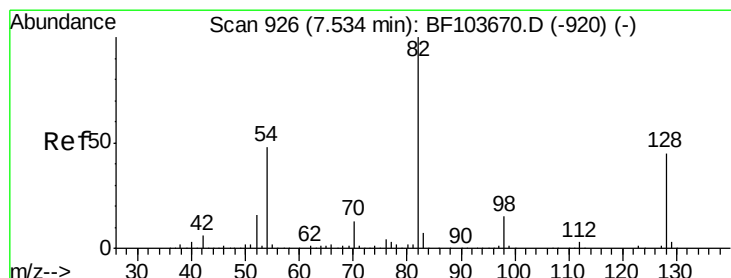
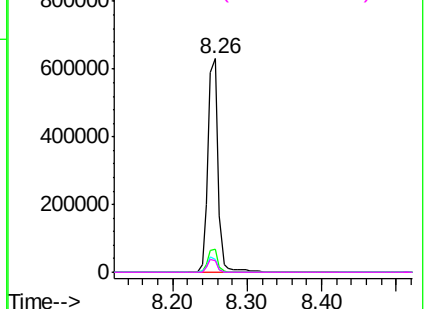
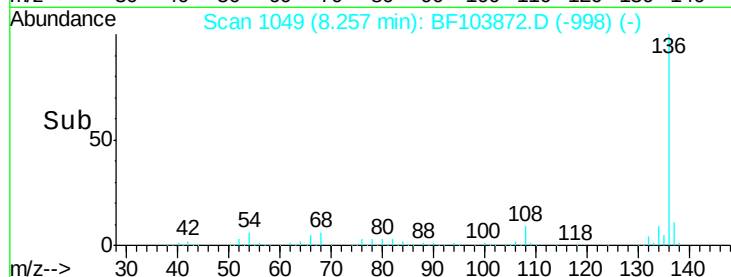
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	597433
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.3	6.6 9.8#
68	5.6	5.0 7.4

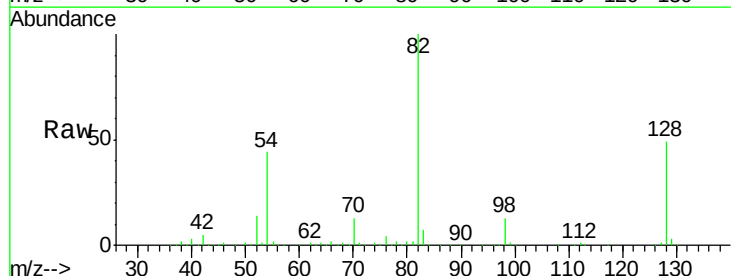


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

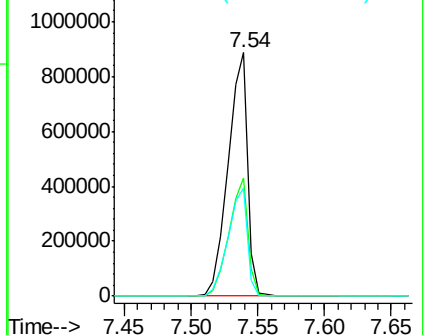
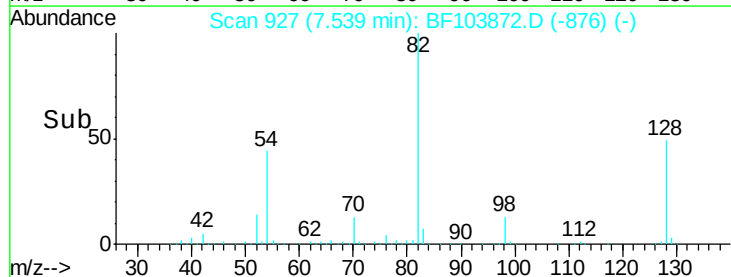


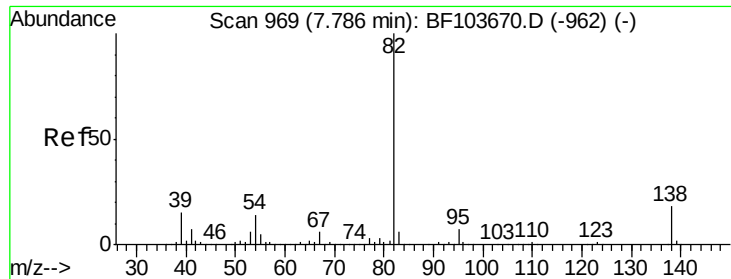
#23
Nitrobenzene-d5
Concen: 107.220 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Tgt Ion: 82	Resp:	918560
Ion Ratio	Lower	Upper
82	100	
128	48.6	36.1 54.1
54	44.2	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: 46.316 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

Instrument :

BNA_F

ClientSampled :

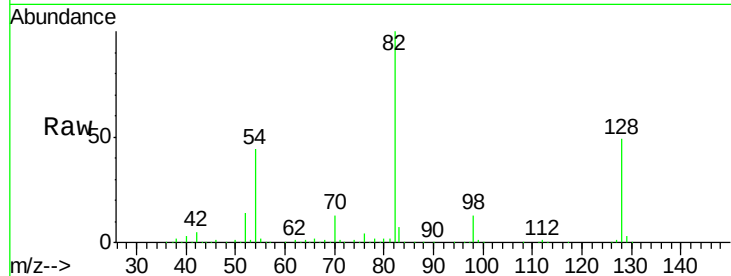
Tot Ion: 82 Resp: 918552

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

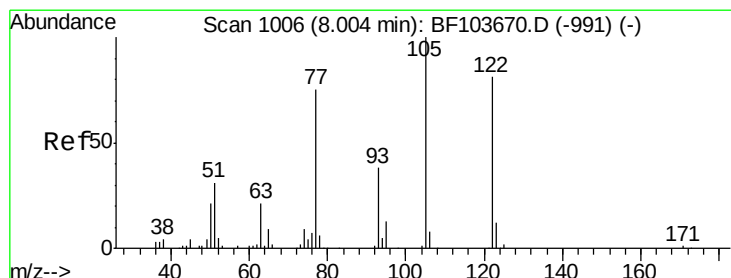
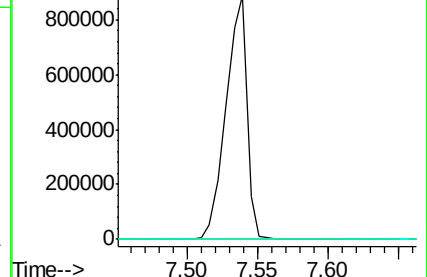
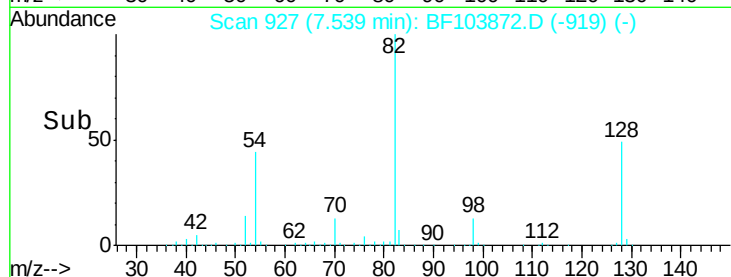
138 0.0 14.9 22.3#



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: 9.987 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.08 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

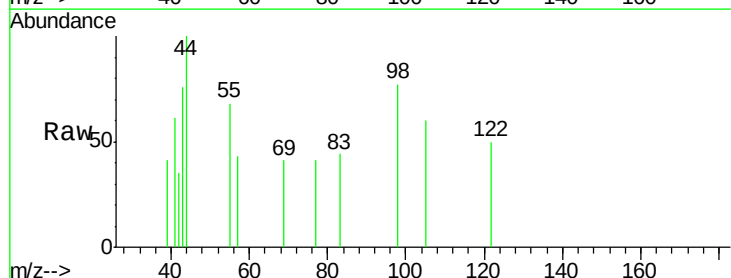
Tgt Ion: 122 Resp: 617

Ion Ratio Lower Upper

122 100

105 118.8 101.1 141.1

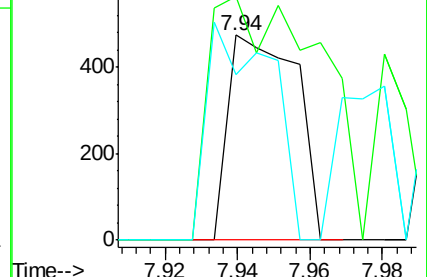
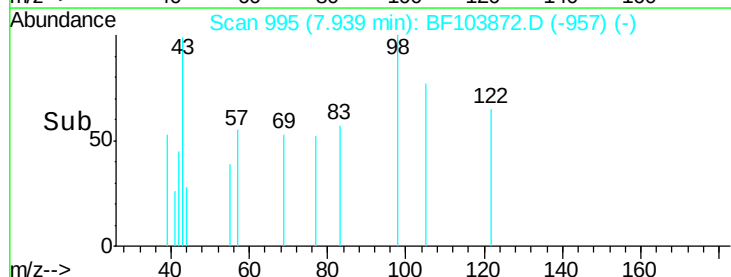
77 80.8 70.7 110.7

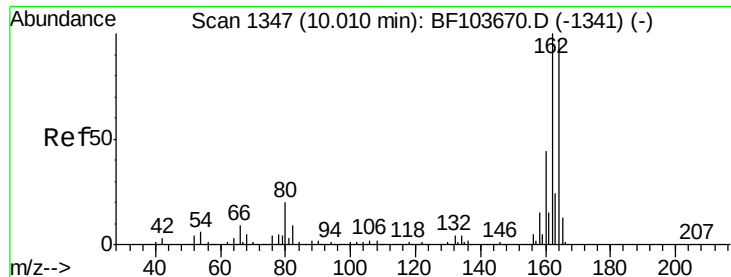


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

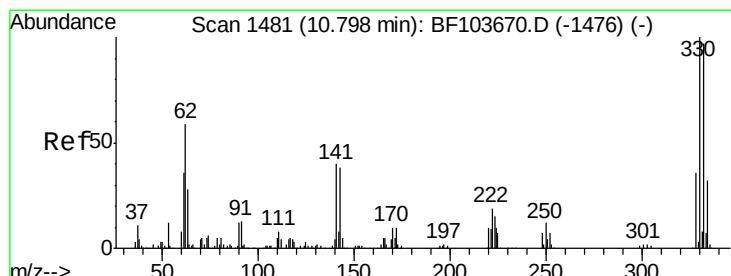
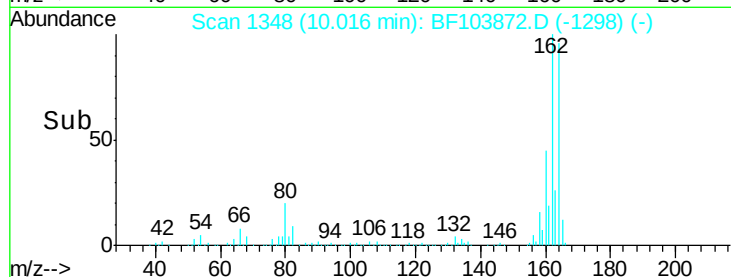
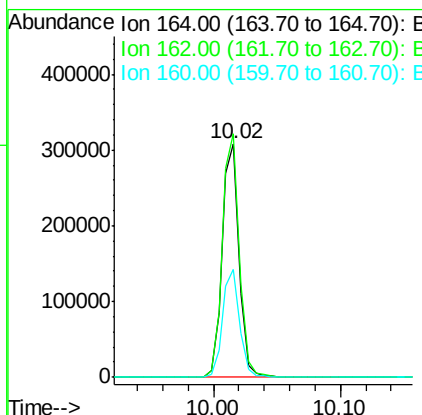
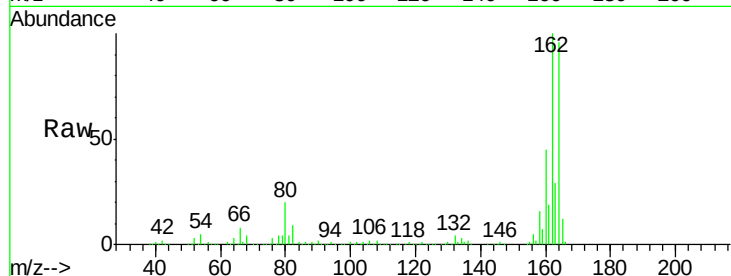




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

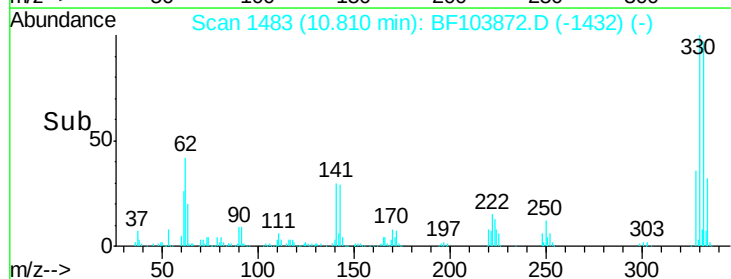
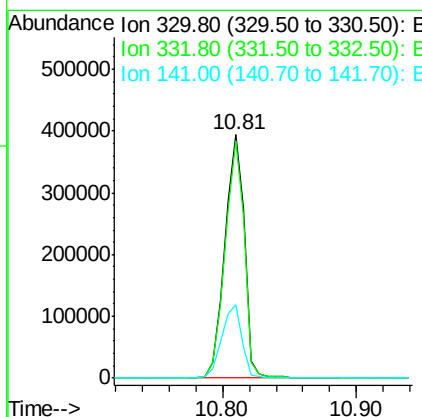
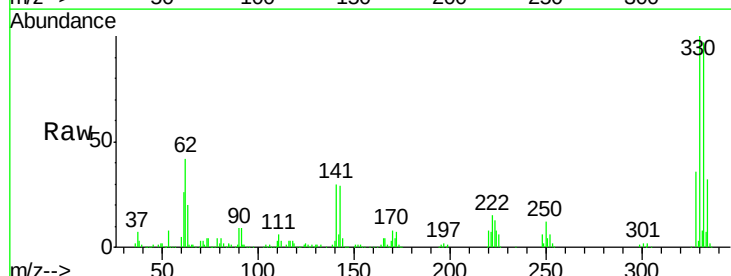
Instrument :
BNA_F
ClientSampleId :

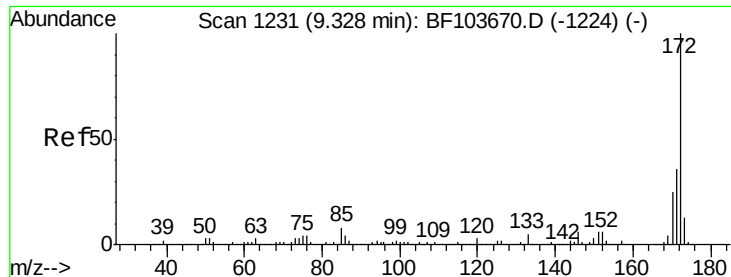
Tot Ion:164 Resp: 286830
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 165.382 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Tgt Ion:330 Resp: 407861
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 31.3 29.9 44.9

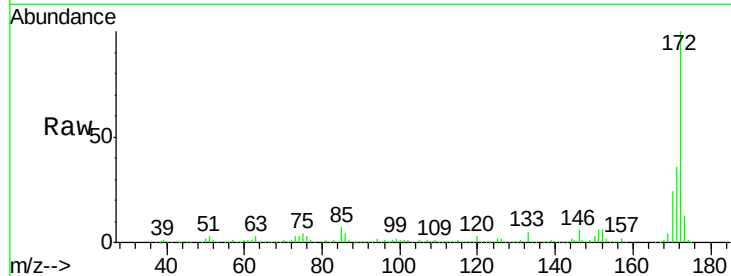




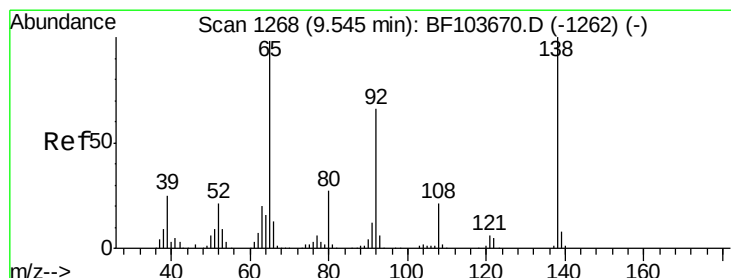
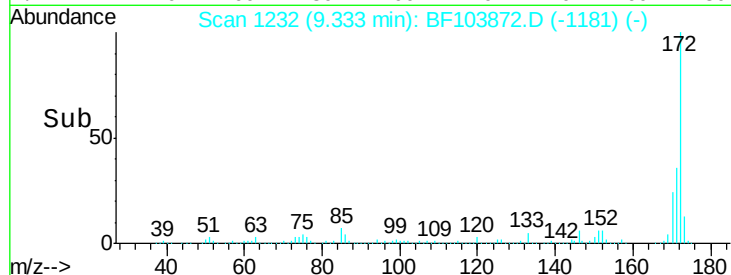
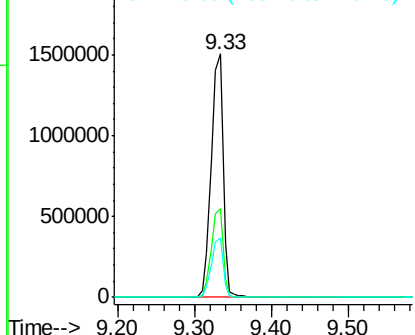
#44
2-Fluorobiphenyl
Concen: 88.566 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1592548
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4

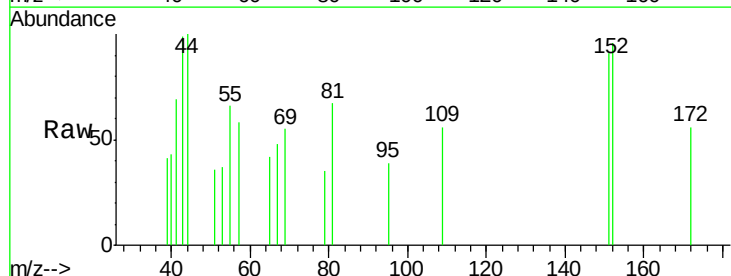


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

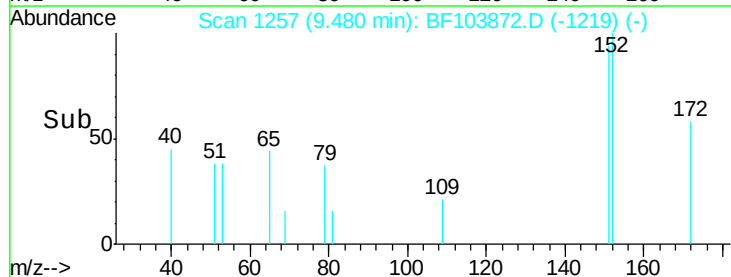
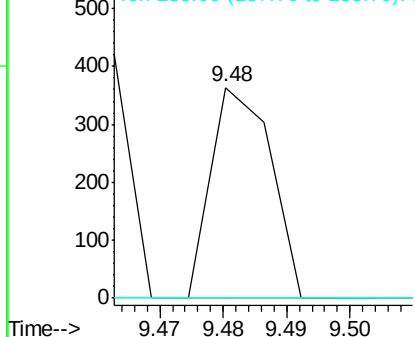


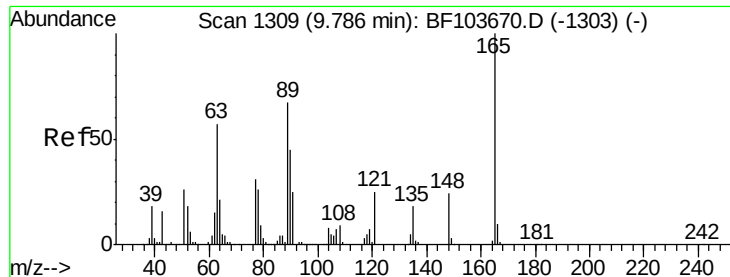
#47
2-Nitroaniline
Concen: 6.855 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.08 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Tgt Ion: 65 Resp: 236
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





#50

2,6-Dinitrotoluene

Concen: 11.848 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.22 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

Instrument :

BNA_F

ClientSampled :

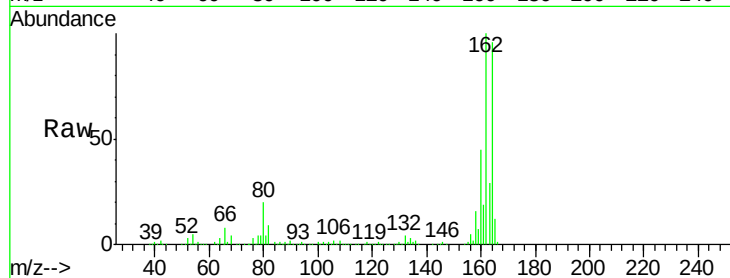
Tot Ion:165 Resp: 36306

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

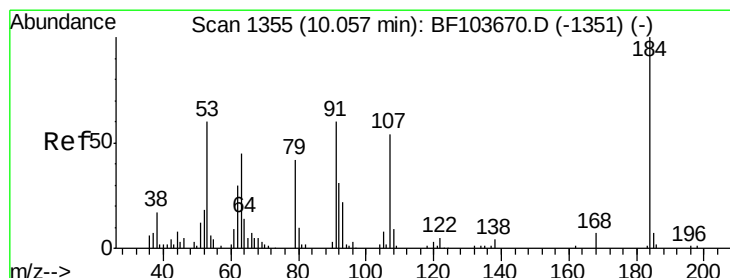
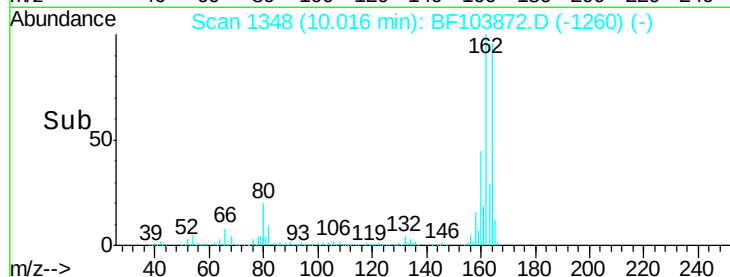
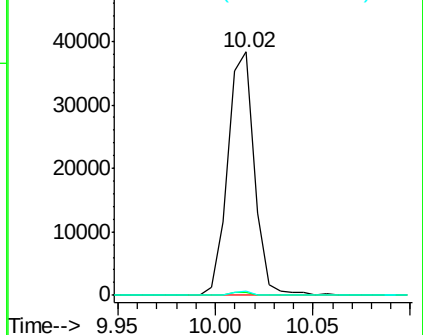
89 1.9 44.0 66.0#



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



#53

2,4-Dinitrophenol

Concen: 9.622 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.21 min

Lab File: BF103872.D

Acq: 23 Mar 2018 11:41

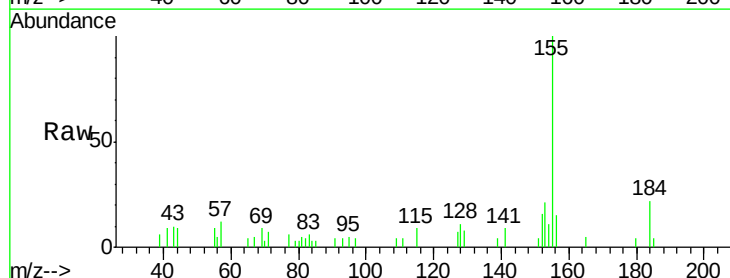
Tgt Ion:184 Resp: 1881

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

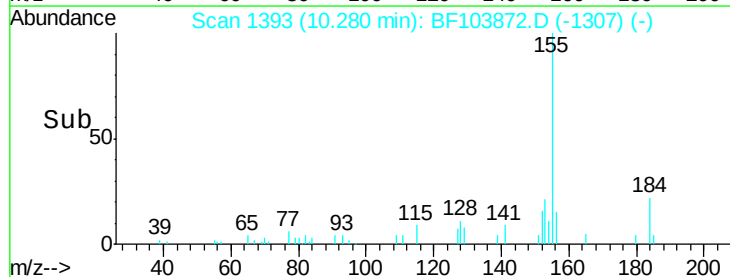
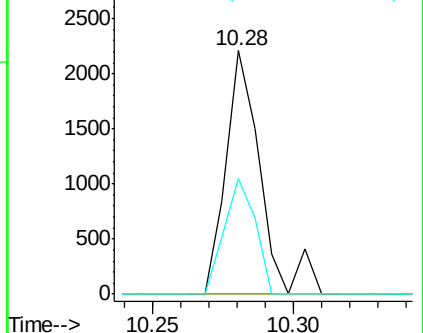
154 47.4 184.0 276.0#

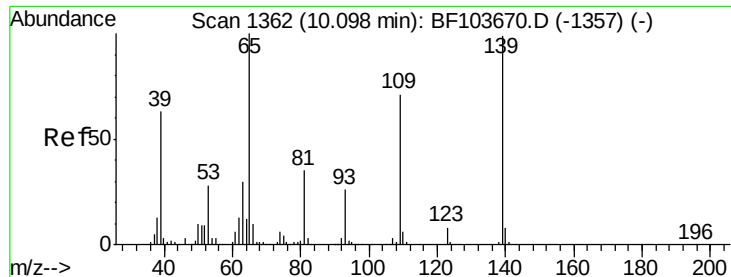


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

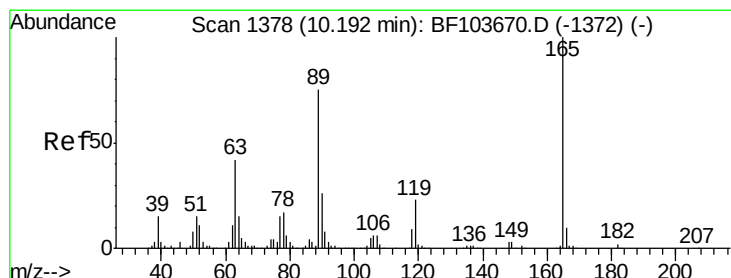
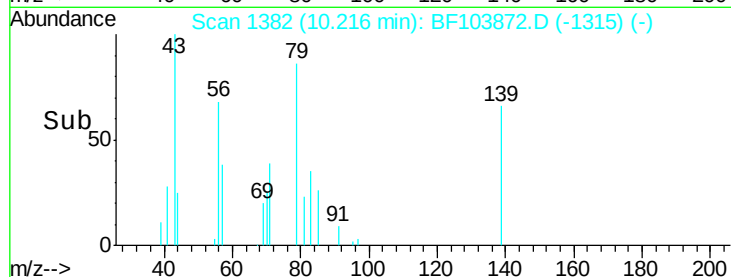
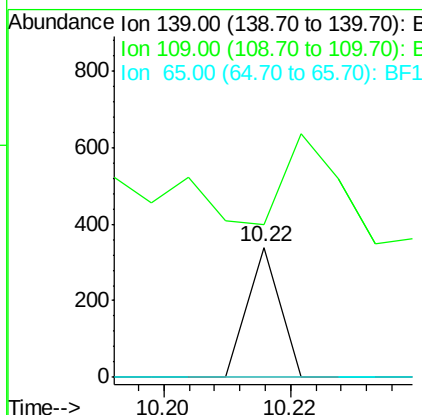
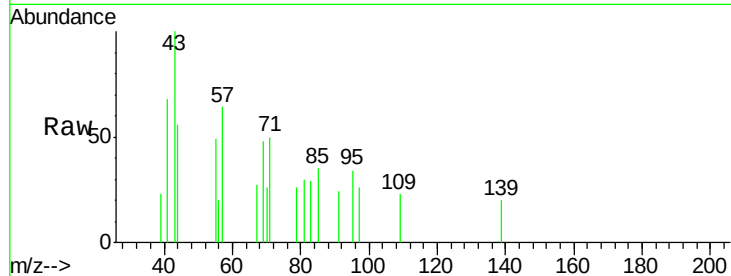




#55
4-Nitrophenol
Concen: 4.998 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.09 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

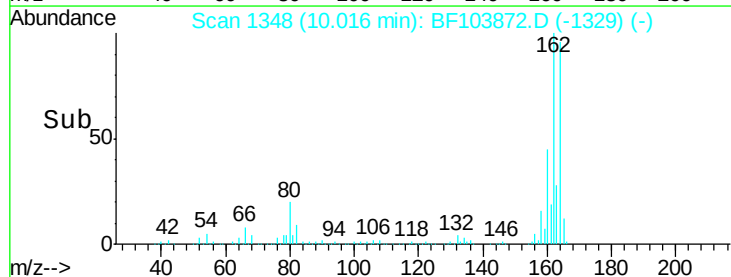
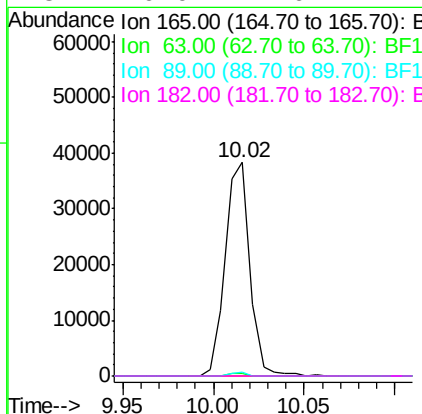
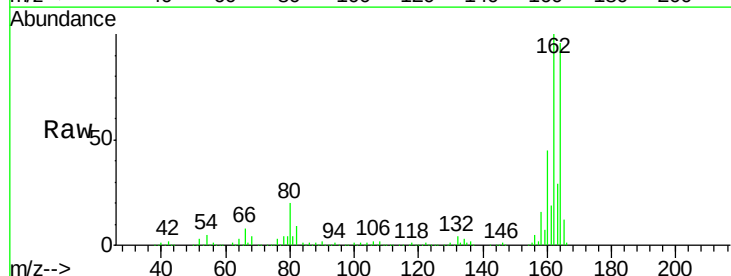
Instrument :
BNA_F
ClientSampleId :

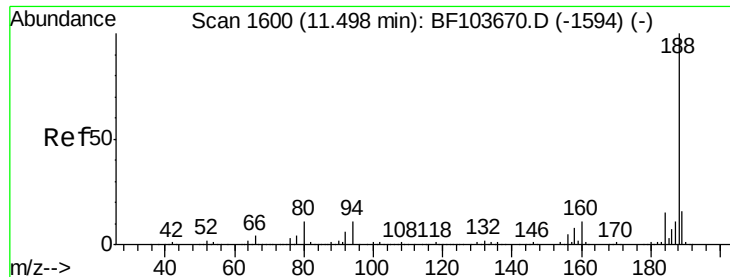
Tot Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
109 117.4 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 12.106 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Tgt Ion:165 Resp: 36299
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.9 57.8 86.6#
182 0.0 1.6 2.4#

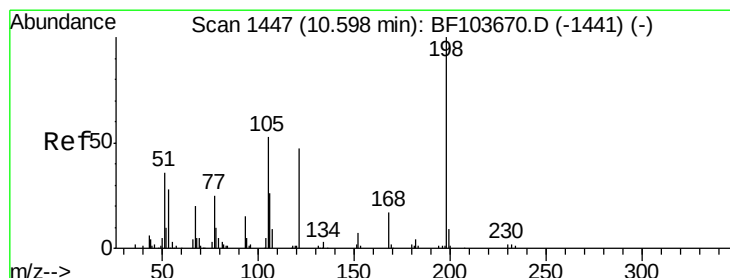
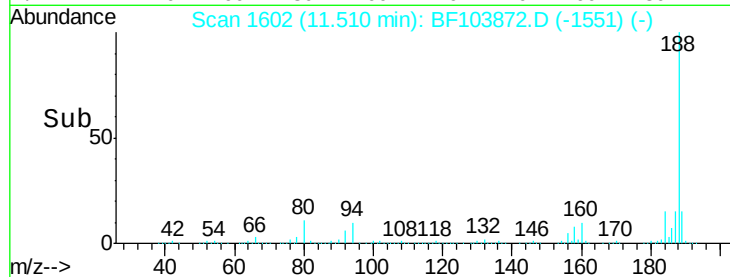
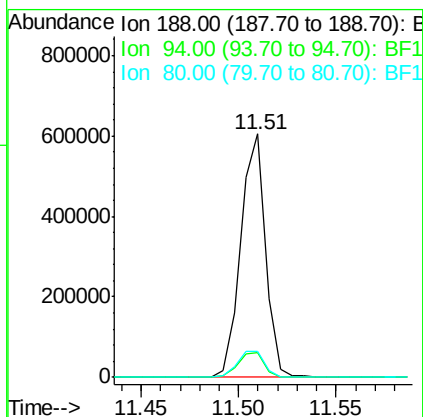
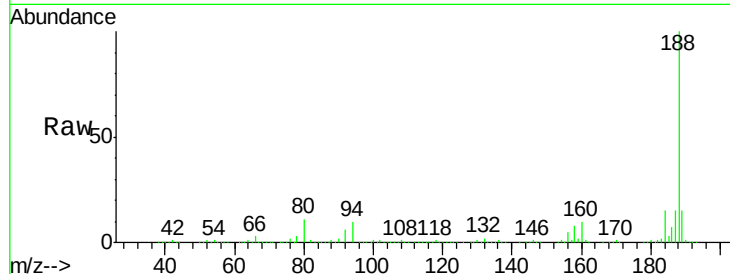




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

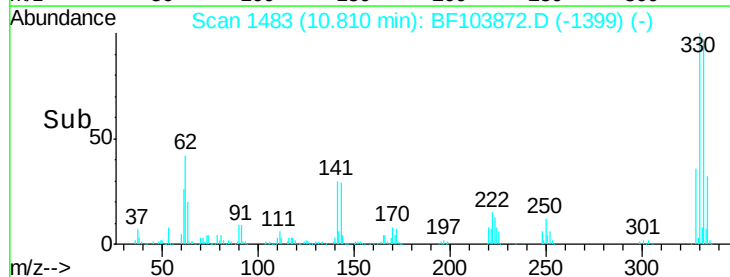
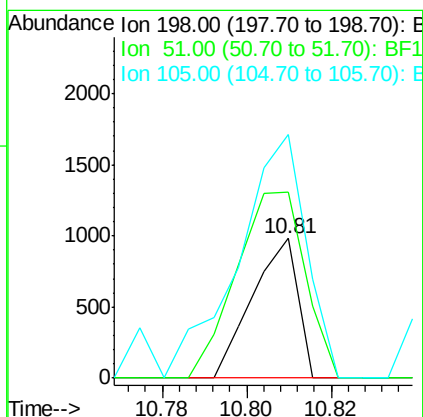
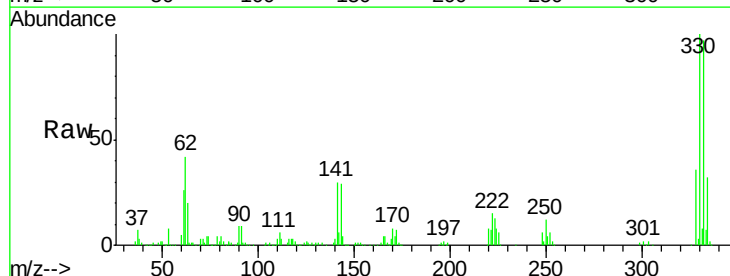
Instrument :
 BNA_F
 ClientSampleId :

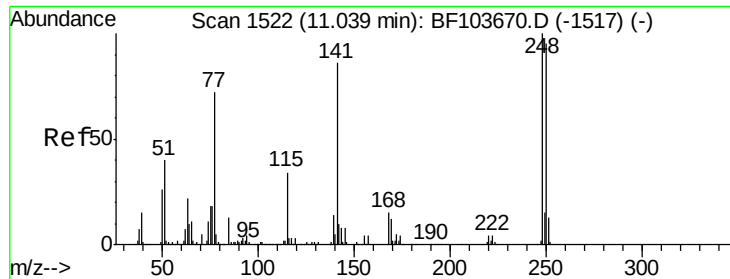
Tot Ion:188 Resp: 532616
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.533 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

Tgt Ion:198 Resp: 740
 Ion Ratio Lower Upper
 198 100
 51 132.8 37.7 77.7#
 105 174.3 36.3 76.3#

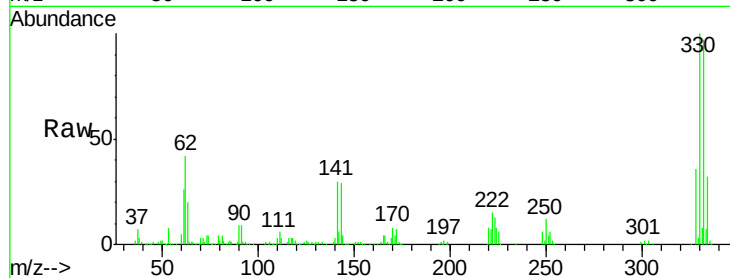




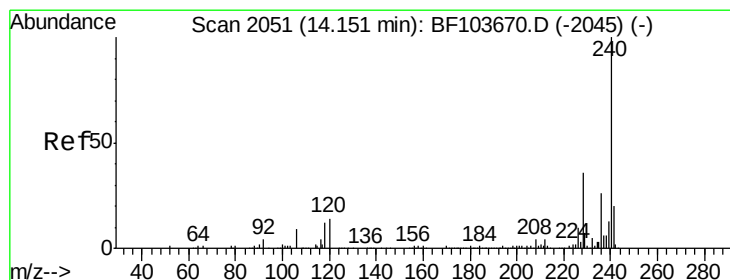
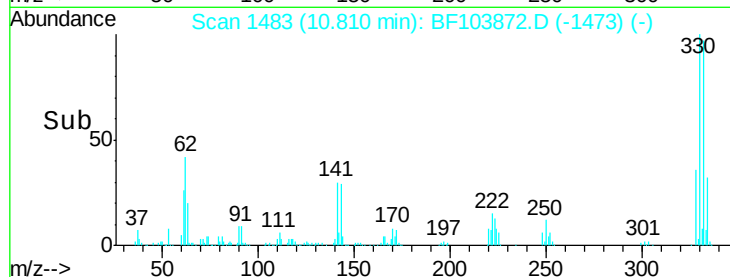
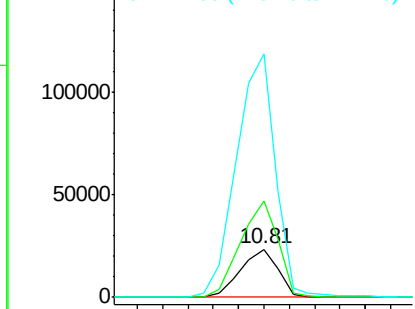
#66
4-Bromophenyl-phenylether
Concen: 4.424 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24193
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 504.8 74.4 111.6#

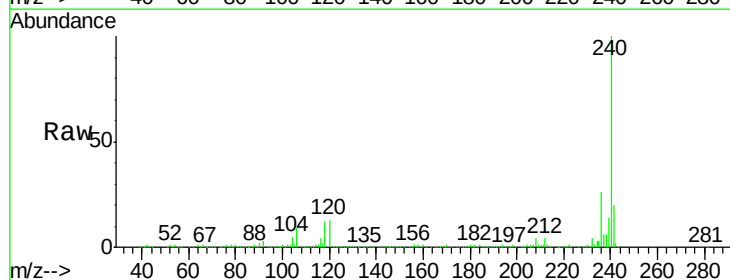


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

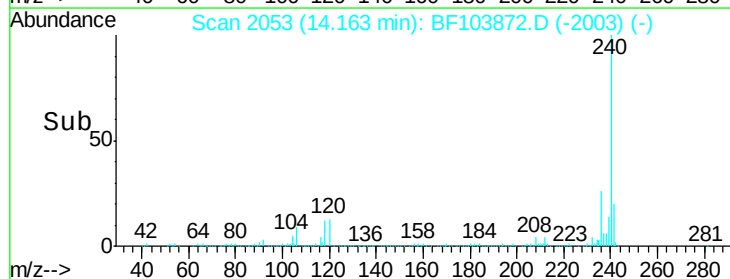
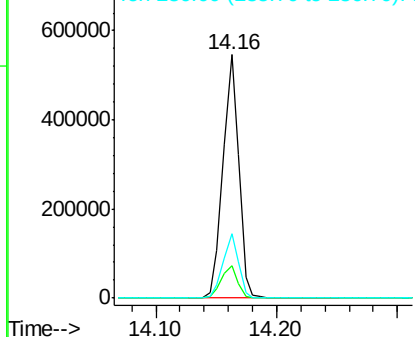


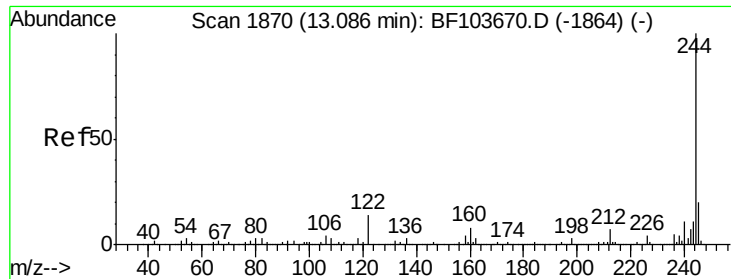
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103872.D
Acq: 23 Mar 2018 11:41

Tgt Ion:240 Resp: 496433
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.3 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

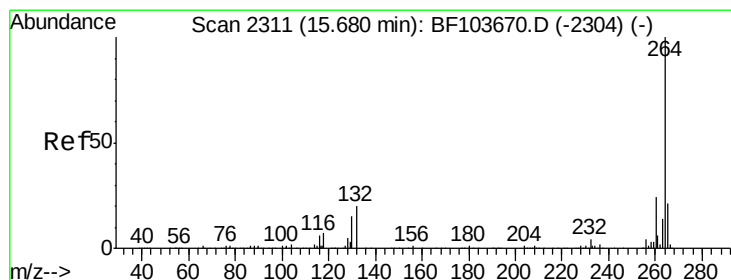
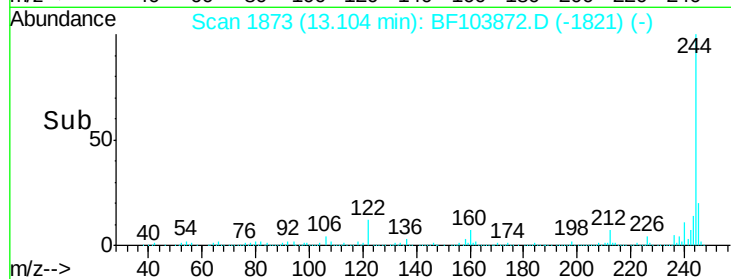
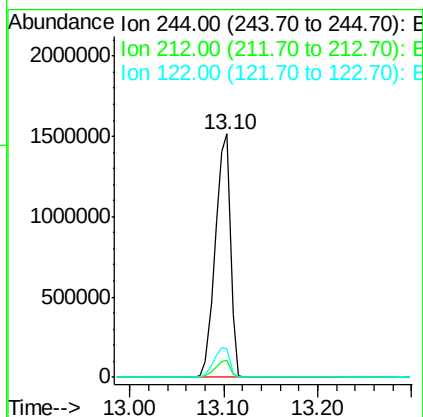
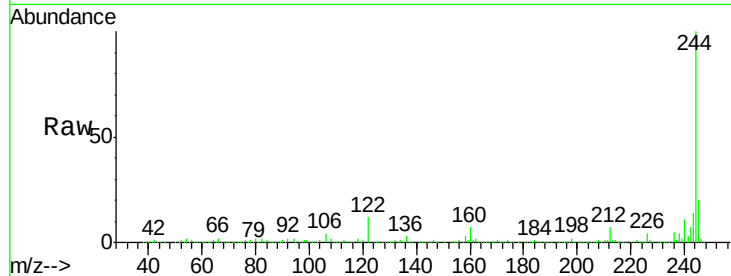




#78
 Terphenyl-d14
 Concen: 80.765 ng
 RT: 13.10 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1727352
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103872.D
 Acq: 23 Mar 2018 11:41

Tgt Ion:264 Resp: 455645
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.4 17.5 26.3

