

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033374.D
 Acq On : 27 Mar 2018 22:43
 Operator : SJ/JU
 Sample : J2076-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 07:57:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

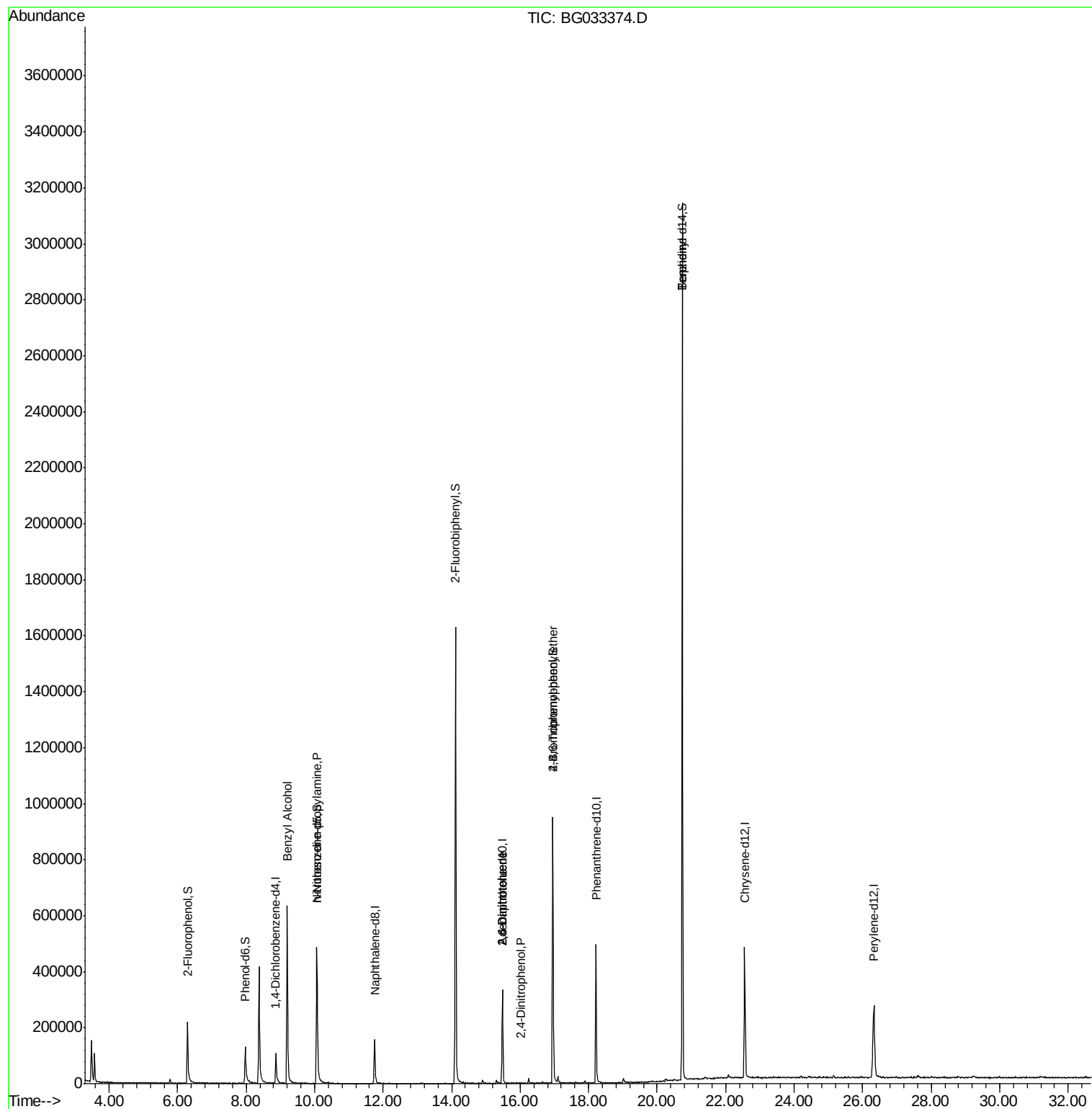
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	41898	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	165591	20.00	ng	-0.04
38) Acenaphthene-d10	15.48	164	129430	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	350385	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	348528	20.00	ng	-0.04
86) Perylene-d12	26.33	264	373055	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	120003	53.71	ng	-0.02
7) Phenol-d6	7.97	99	127151	33.12	ng	-0.02
23) Nitrobenzene-d5	10.07	82	378488	105.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	207496	107.19	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	946289	105.55	ng	-0.02
78) Terphenyl-d14	20.73	244	1560060	95.73	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	9.20	79	6772	2.240	ng	# 33
19) n-Nitroso-di-n-propylamine	10.07	70	50579	17.979	ng	# 73
50) 2,6-Dinitrotoluene	15.48	165	16146	7.010	ng	# 21
53) 2,4-Dinitrophenol	16.03	184	57	7.686	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	16146	4.761	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	15829	3.847	ng	# 1
76) Benizidine	20.73	184	26355	2.788	ng	# 91

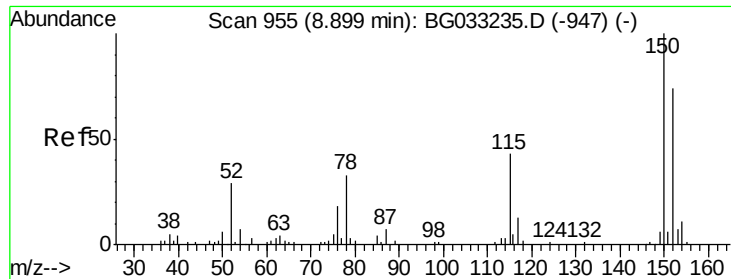
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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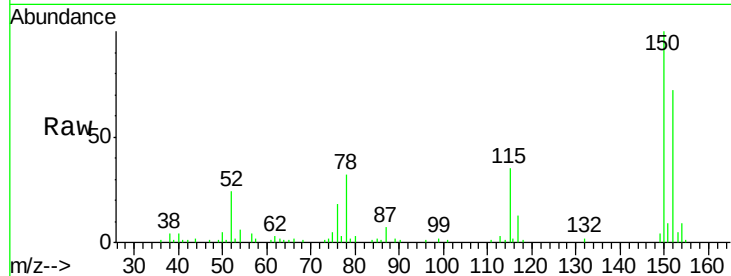


#1

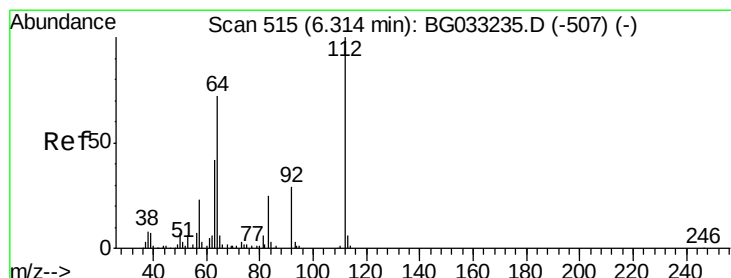
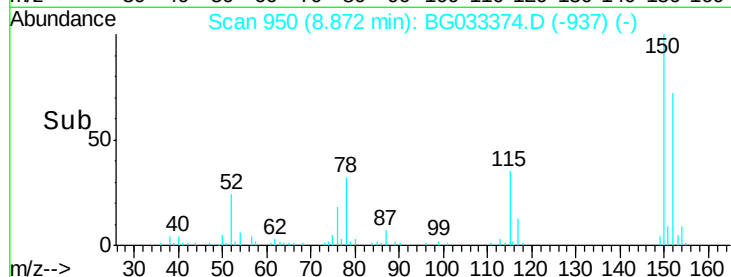
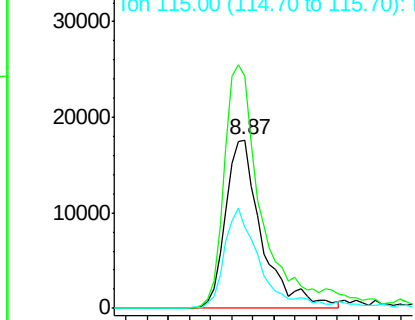
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.02 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.0	126.6	189.8
115	48.3	53.0	79.4



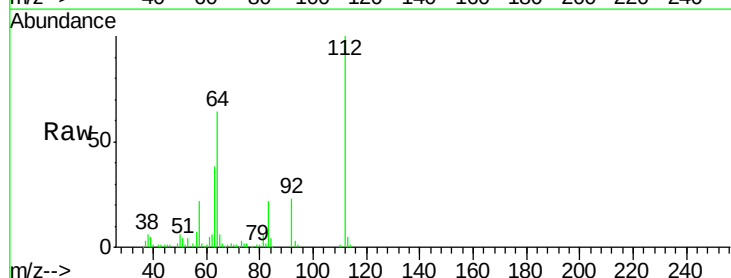
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



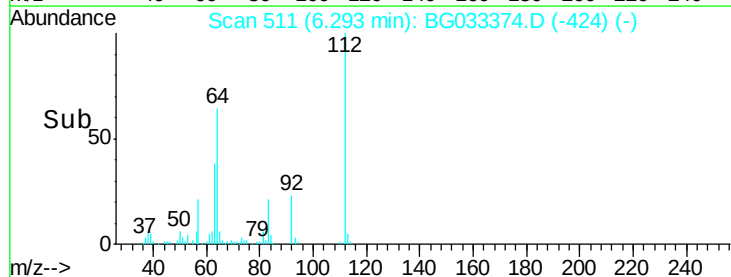
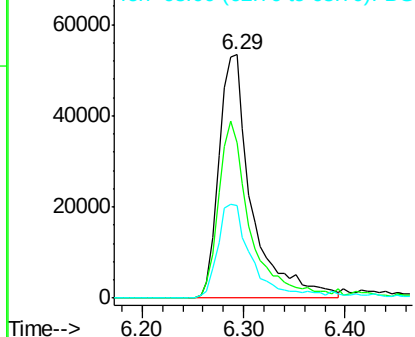
#5

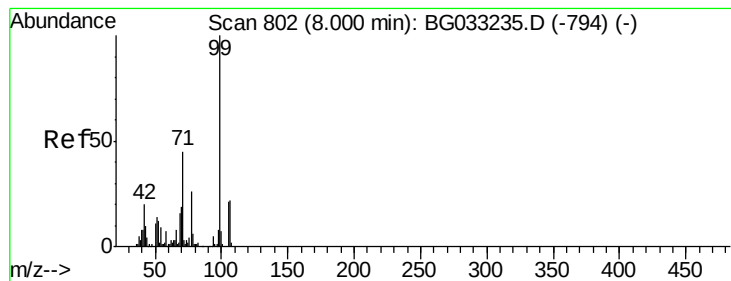
2-Fluorophenol
Concen: 53.707 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	56.3	84.5
63	38.1	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.119 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

Instrument :

BNA_G

ClientSampled :

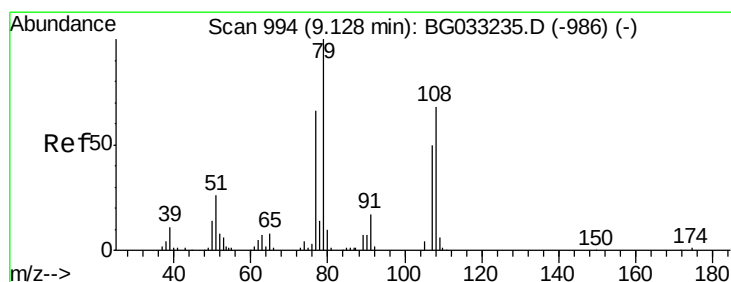
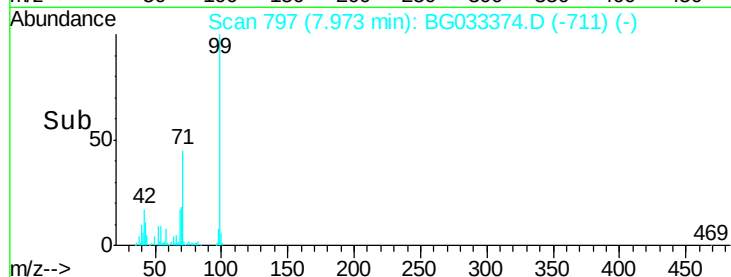
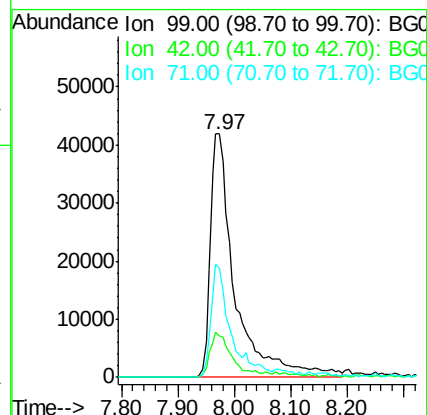
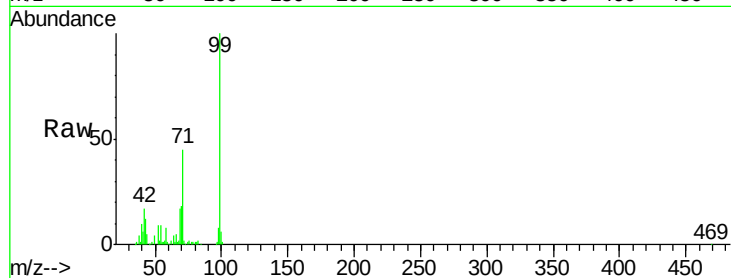
Tot Ion: 99 Resp: 127151

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 45.1 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.240 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.07 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

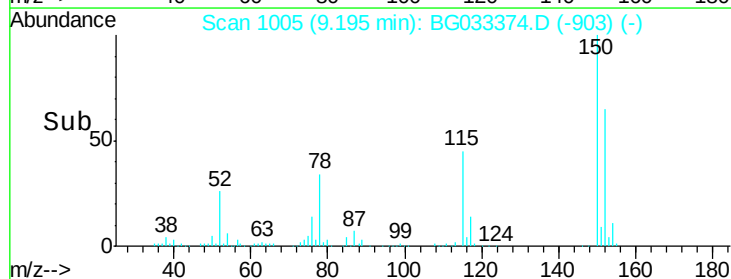
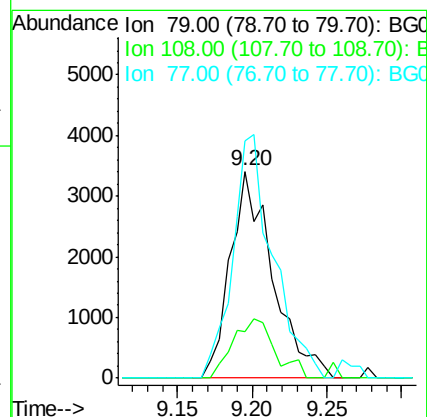
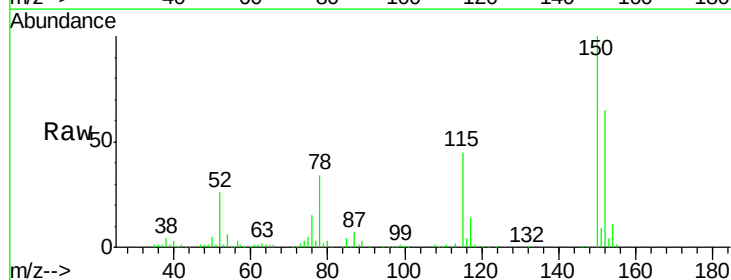
Tgt Ion: 79 Resp: 6772

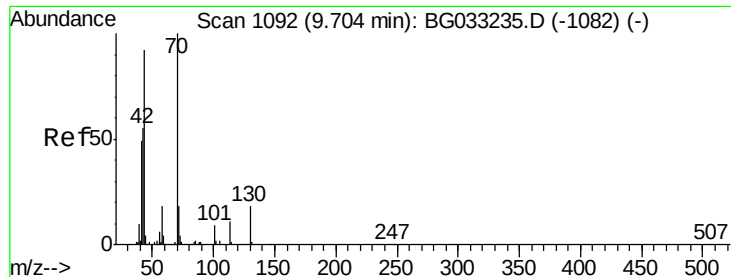
Ion Ratio Lower Upper

79 100

108 22.3 57.2 85.8#

77 114.5 46.1 69.1#

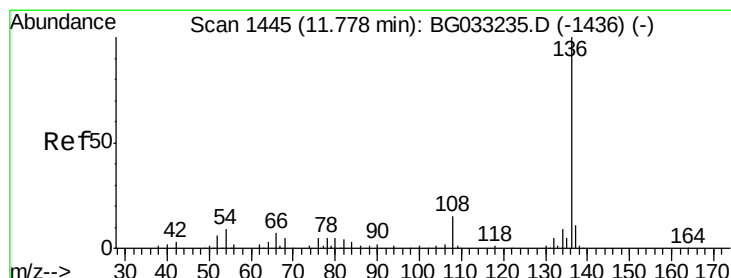
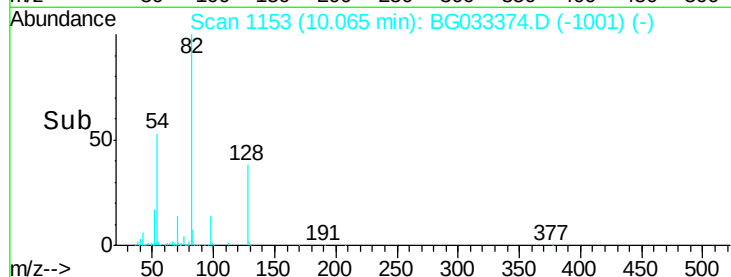
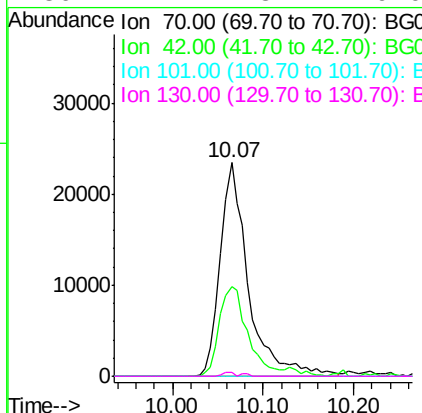
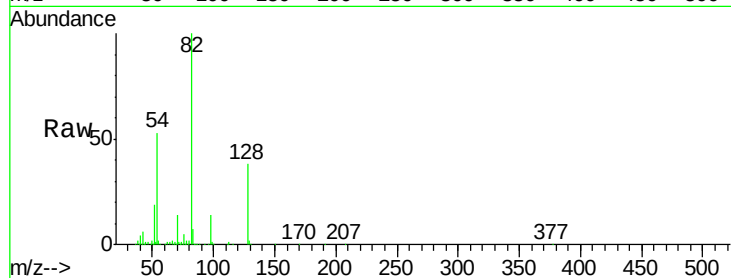




#19
n-Nitroso-di-n-propylamine
Concen: 17.979 ng
RT: 10.07 min Scan# 1153
Delta R.T. 0.36 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

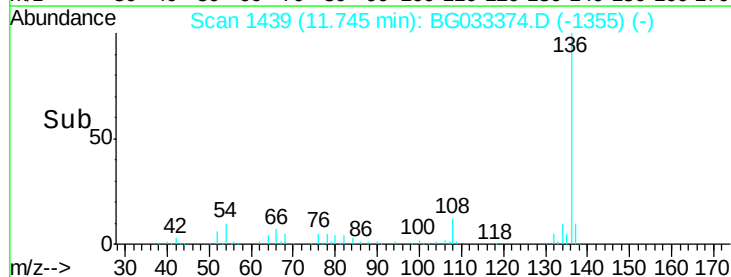
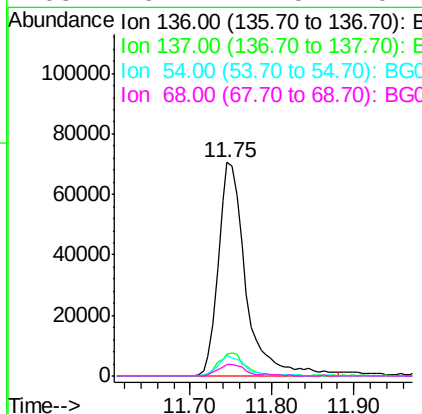
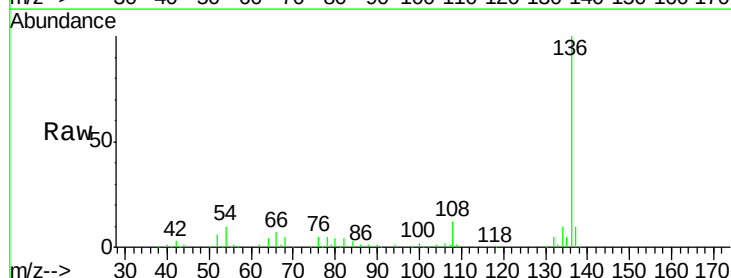
Instrument :
BNA_G
ClientSampleId :

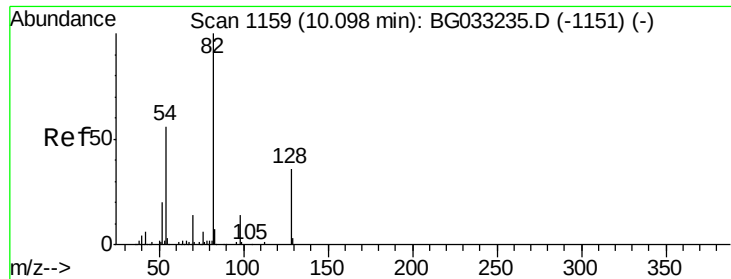
Tot Ion: 70 Resp: 50579
Ion Ratio Lower Upper
70 100
42 42.2 49.1 73.7#
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.04 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Tgt Ion: 136 Resp: 165591
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 9.6 10.3 15.5#
68 5.1 4.5 6.7

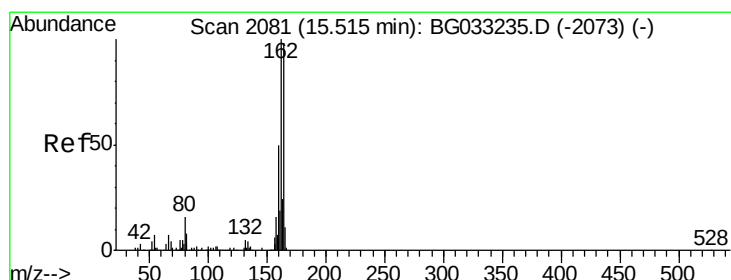
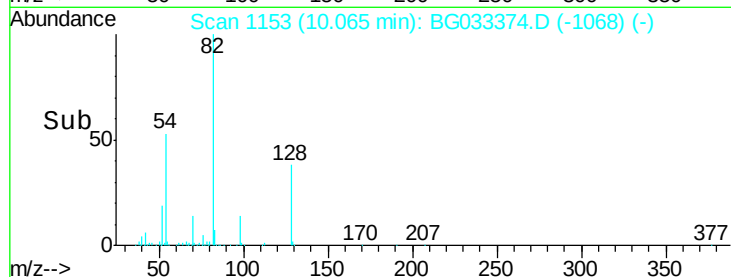
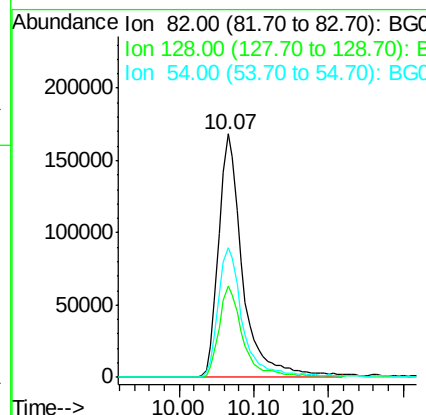
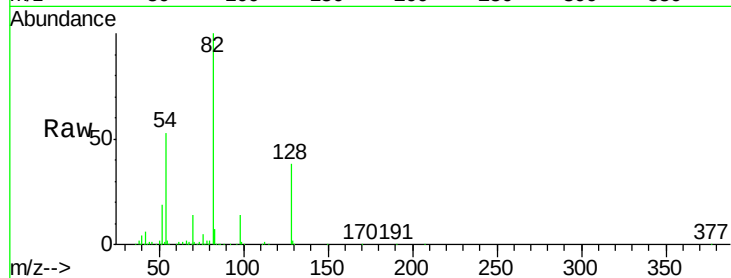




#23
 Nitrobenzene-d5
 Concen: 105.013 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BG033374.D
 Acq: 27 Mar 2018 22:43

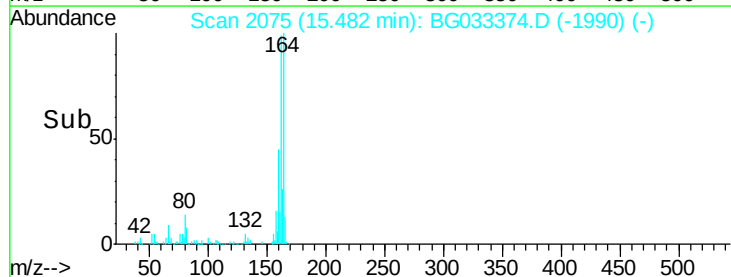
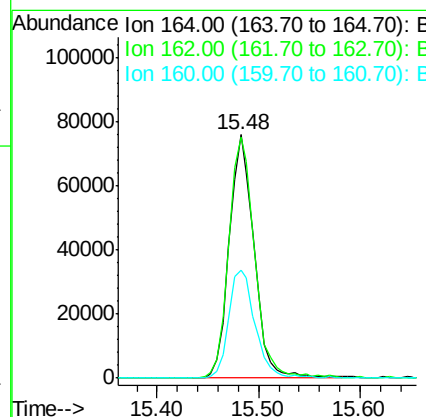
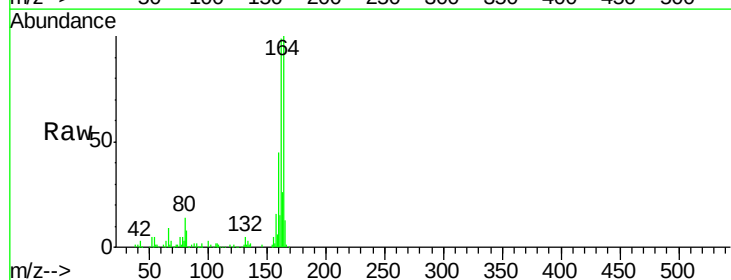
Instrument :
 BNA_G
 ClientSampleId :

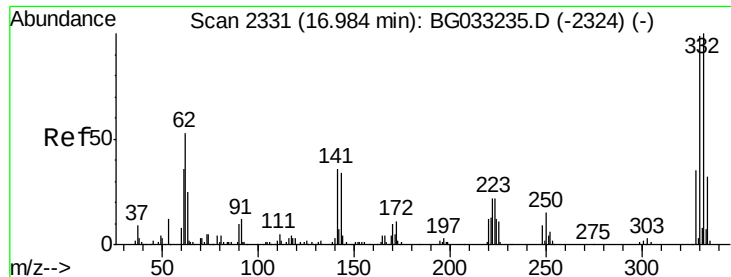
Tot Ion	82	Resp	378488
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.7	44.5
54	53.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BG033374.D
 Acq: 27 Mar 2018 22:43

Tgt Ion	164	Resp	129430
Ion Ratio	Lower	Upper	
164	100		
162	99.1	78.8	118.2
160	44.5	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 107.190 ng

RT: 16.96 min Scan# 2326

Delta R.T. -0.03 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

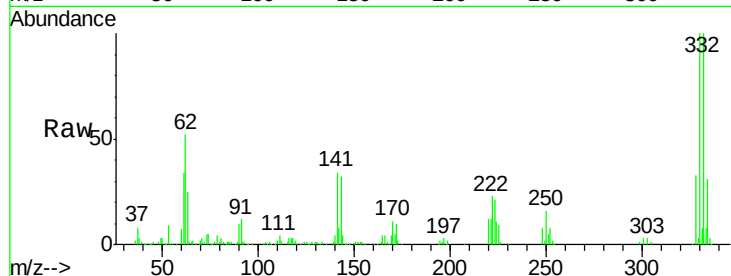
Tot Ion:330 Resp: 207496

Ion Ratio Lower Upper

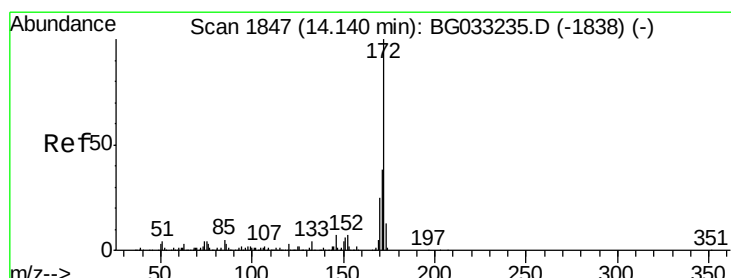
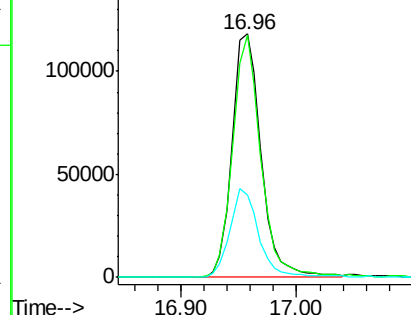
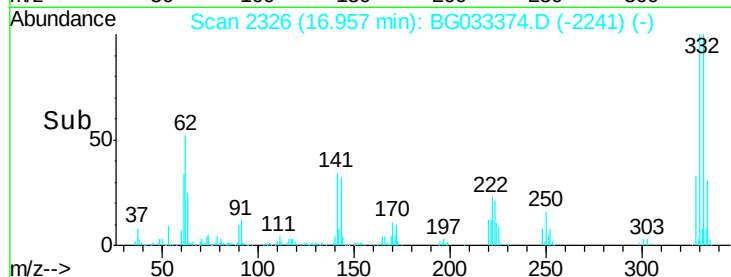
330 100

332 96.6 77.0 115.6

141 36.2 25.2 37.8



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: 105.547 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

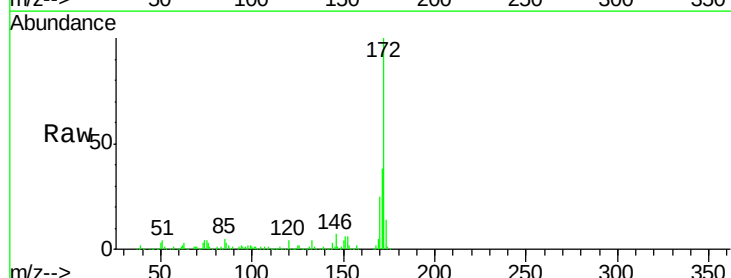
Tgt Ion:172 Resp: 946289

Ion Ratio Lower Upper

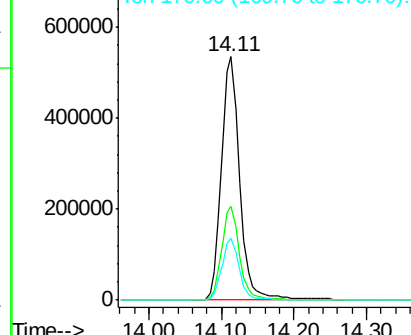
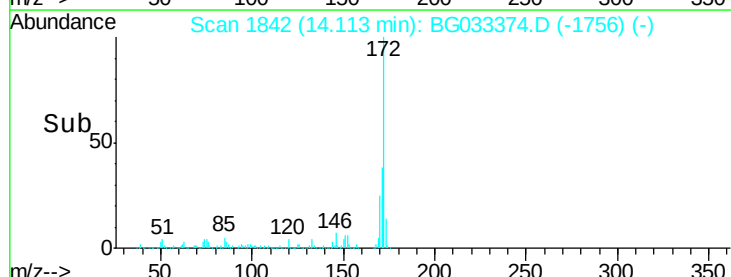
172 100

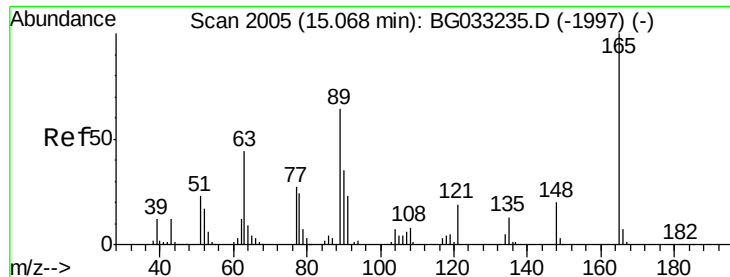
171 38.4 30.0 45.0

170 25.4 19.5 29.3



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





#50

2,6-Dinitrotoluene

Concen: 7.010 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.42 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

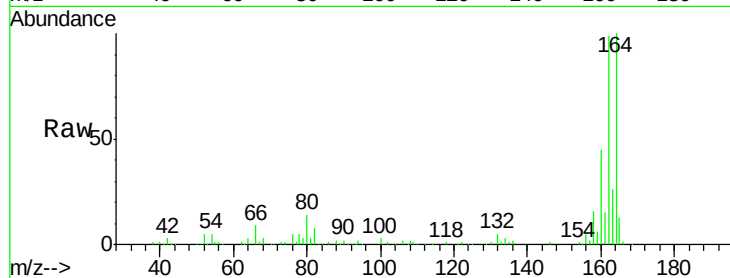
Tot Ion:165 Resp: 16146

Ion Ratio Lower Upper

165 100

63 2.5 52.7 79.1#

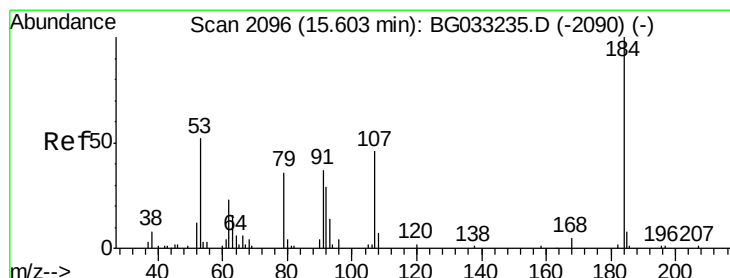
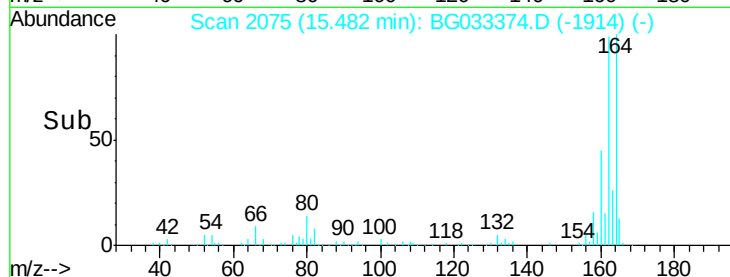
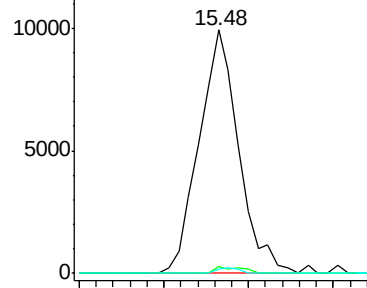
89 1.6 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#53

2,4-Dinitrophenol

Concen: 7.686 ng

RT: 16.03 min Scan# 2168

Delta R.T. 0.42 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

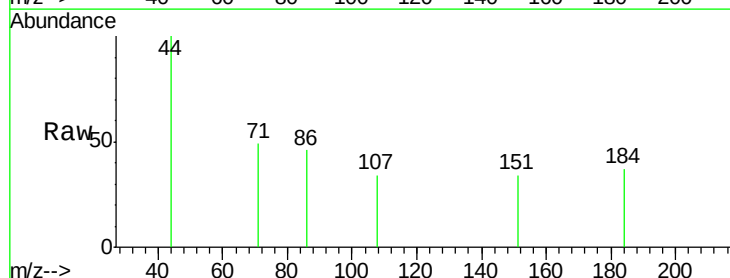
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

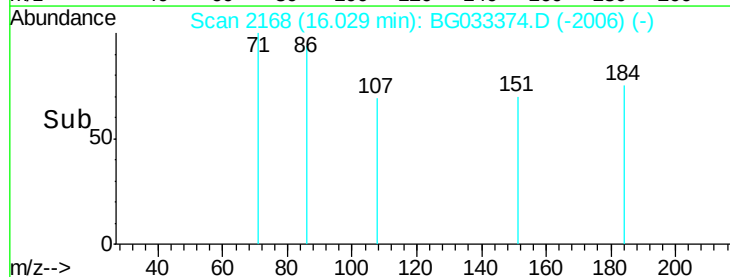
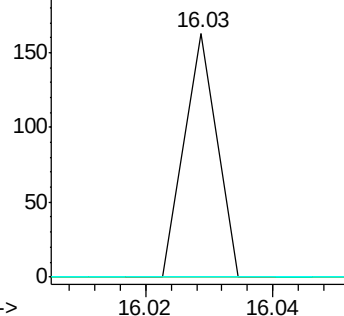
154 0.0 101.8 152.8#

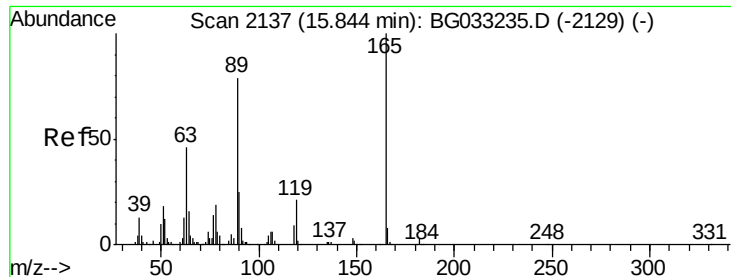


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

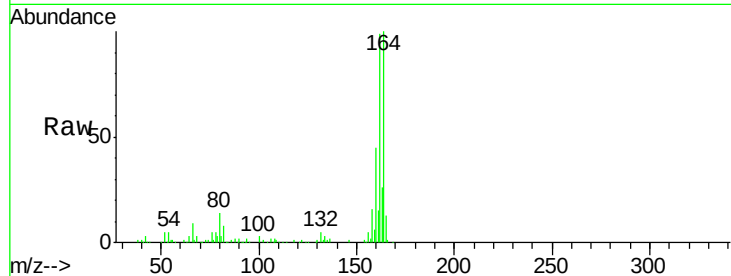




#56
2,4-Dinitrotoluene
Concen: 4.761 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.36 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#

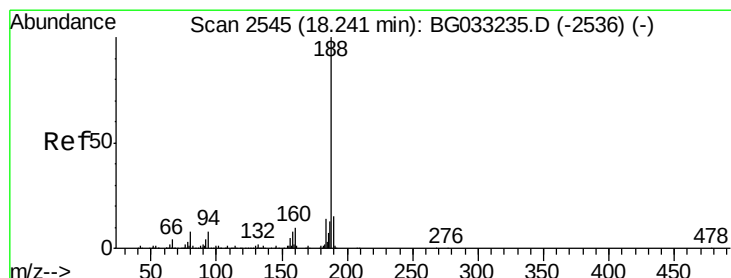
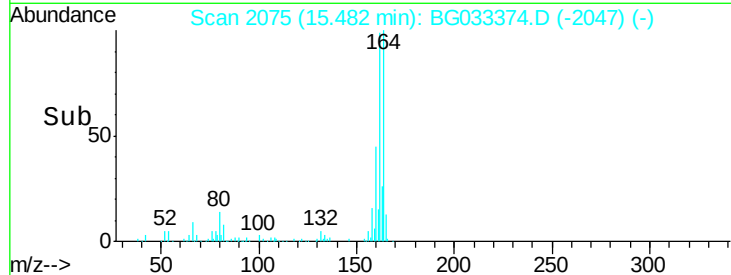
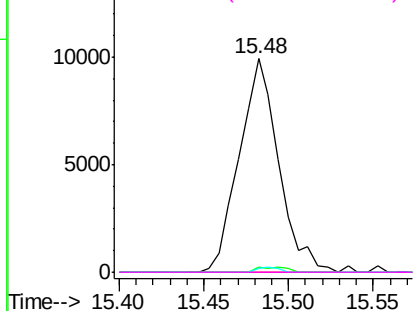


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

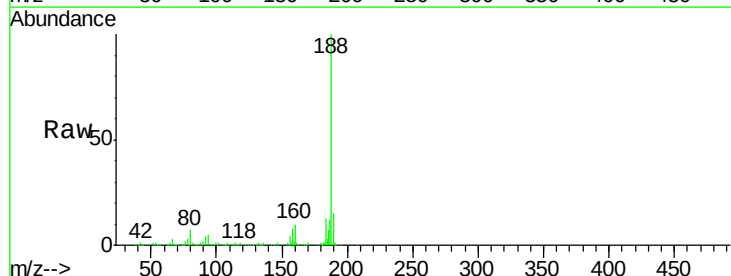
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

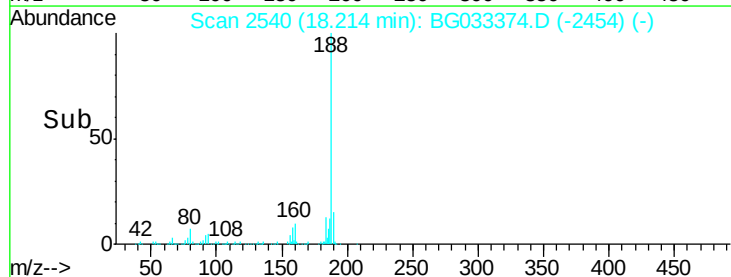
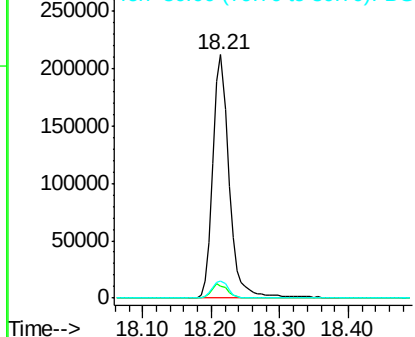
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	7.0	7.7	11.5#

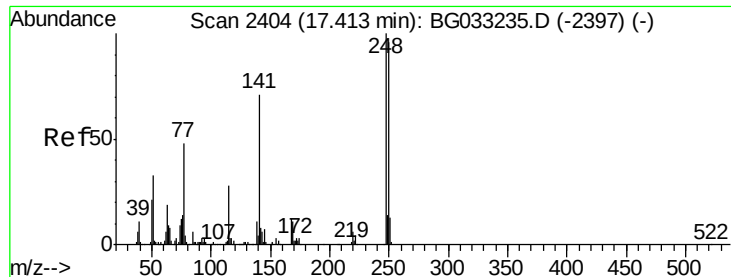


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

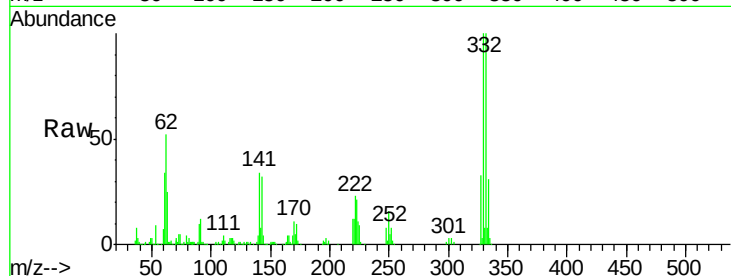




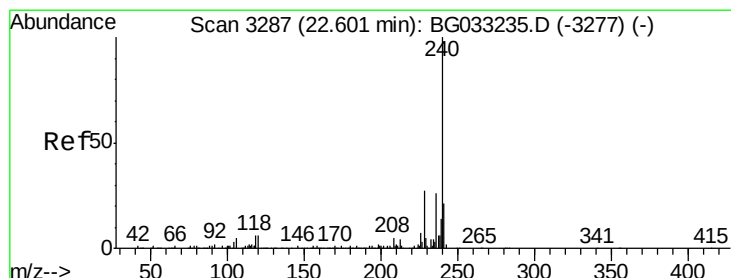
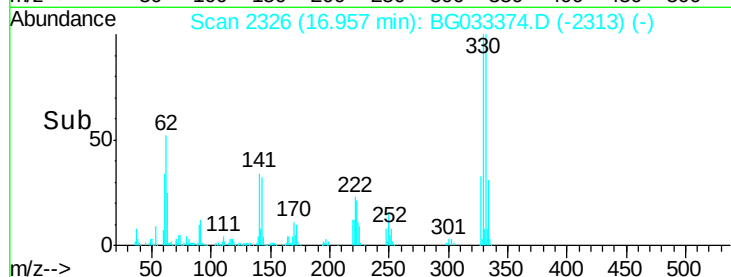
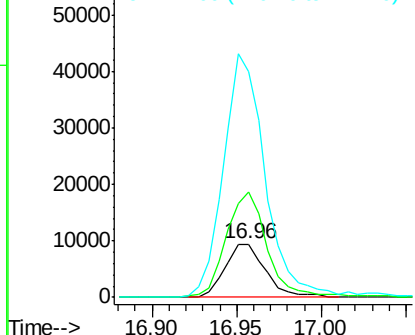
#66
4-Bromophenyl-phenylether
Concen: 3.847 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.45 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15829
Ion Ratio Lower Upper
248 100
250 199.1 77.1 115.7#
141 424.0 50.8 76.2#

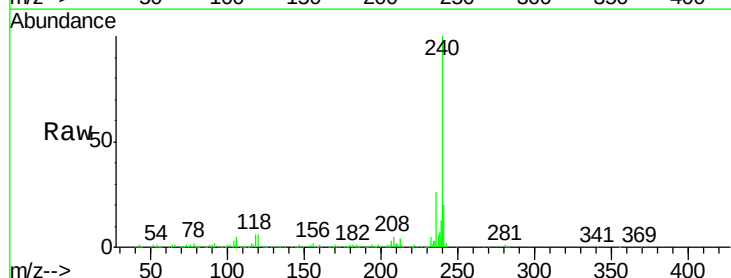


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

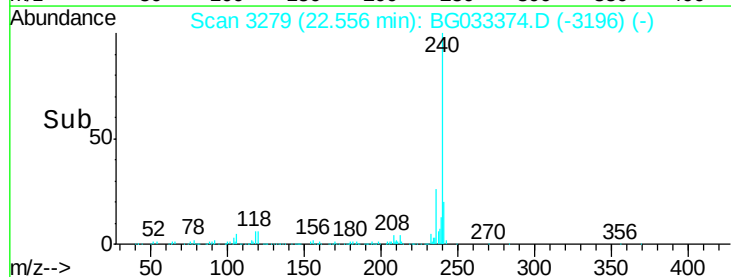
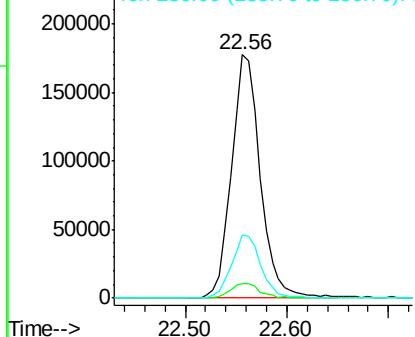


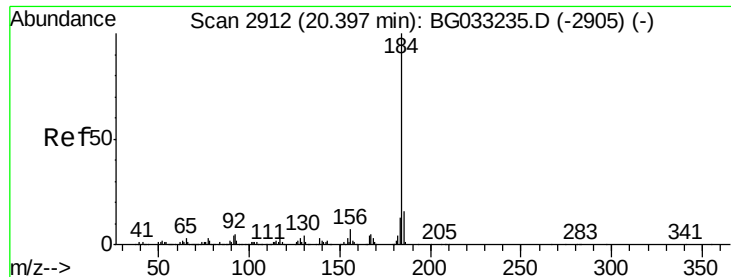
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.04 min
Lab File: BG033374.D
Acq: 27 Mar 2018 22:43

Tgt Ion:240 Resp: 348528
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.1 20.9 31.3



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





#76

Benzidine

Concen: 2.788 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

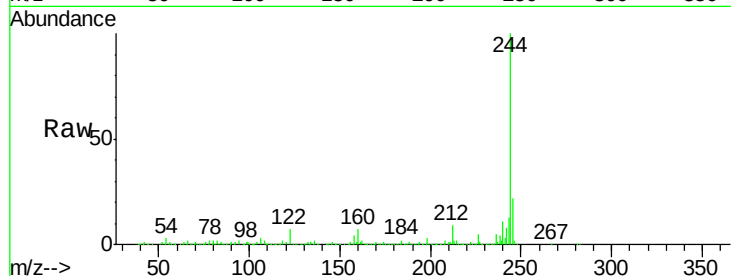
Tot Ion:184 Resp: 26355

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

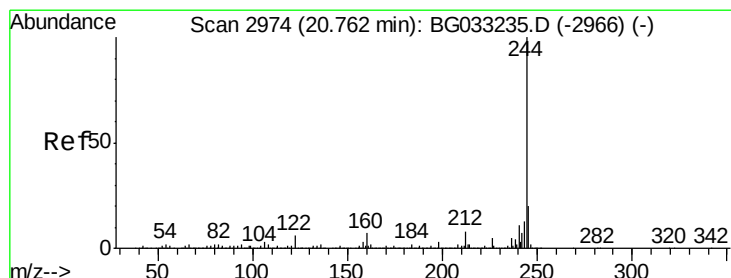
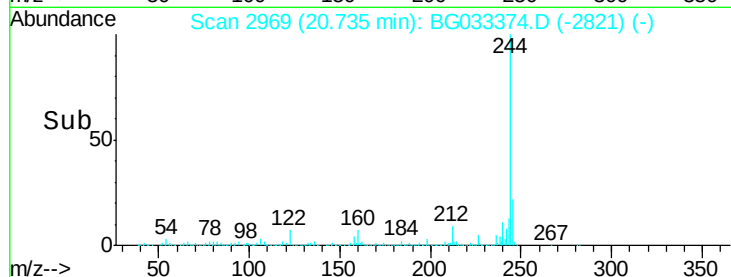
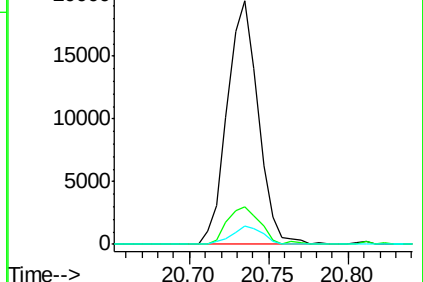
183 7.3 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 95.727 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033374.D

Acq: 27 Mar 2018 22:43

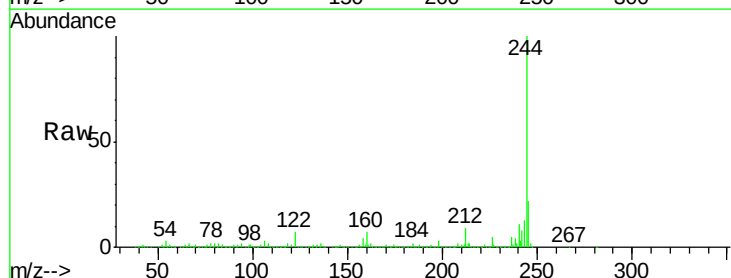
Tgt Ion:244 Resp: 1560060

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

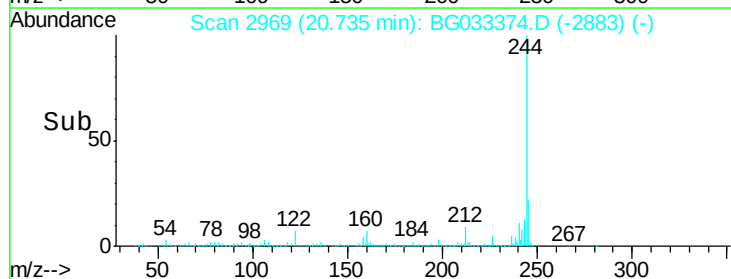
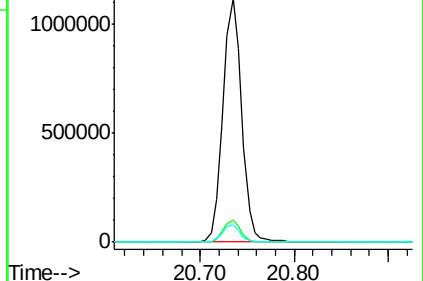
122 7.1 7.0 10.4

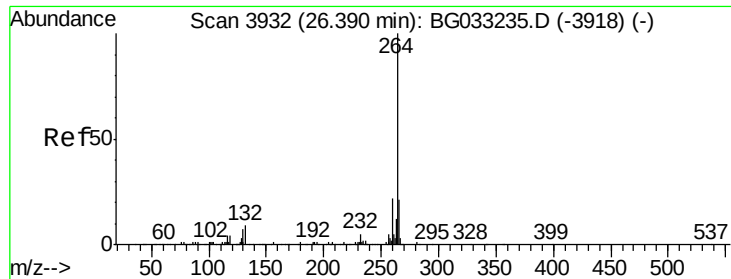


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

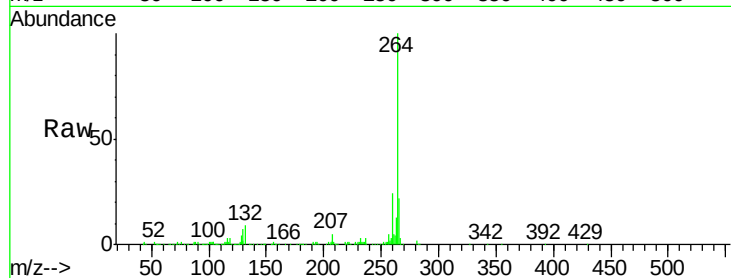




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.06 min
 Lab File: BG033374.D
 Acq: 27 Mar 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.9	17.7	26.5



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

