

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033270.D
 Acq On : 20 Mar 2018 16:41
 Operator : SJ/JU
 Sample : J1980-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 18:27:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

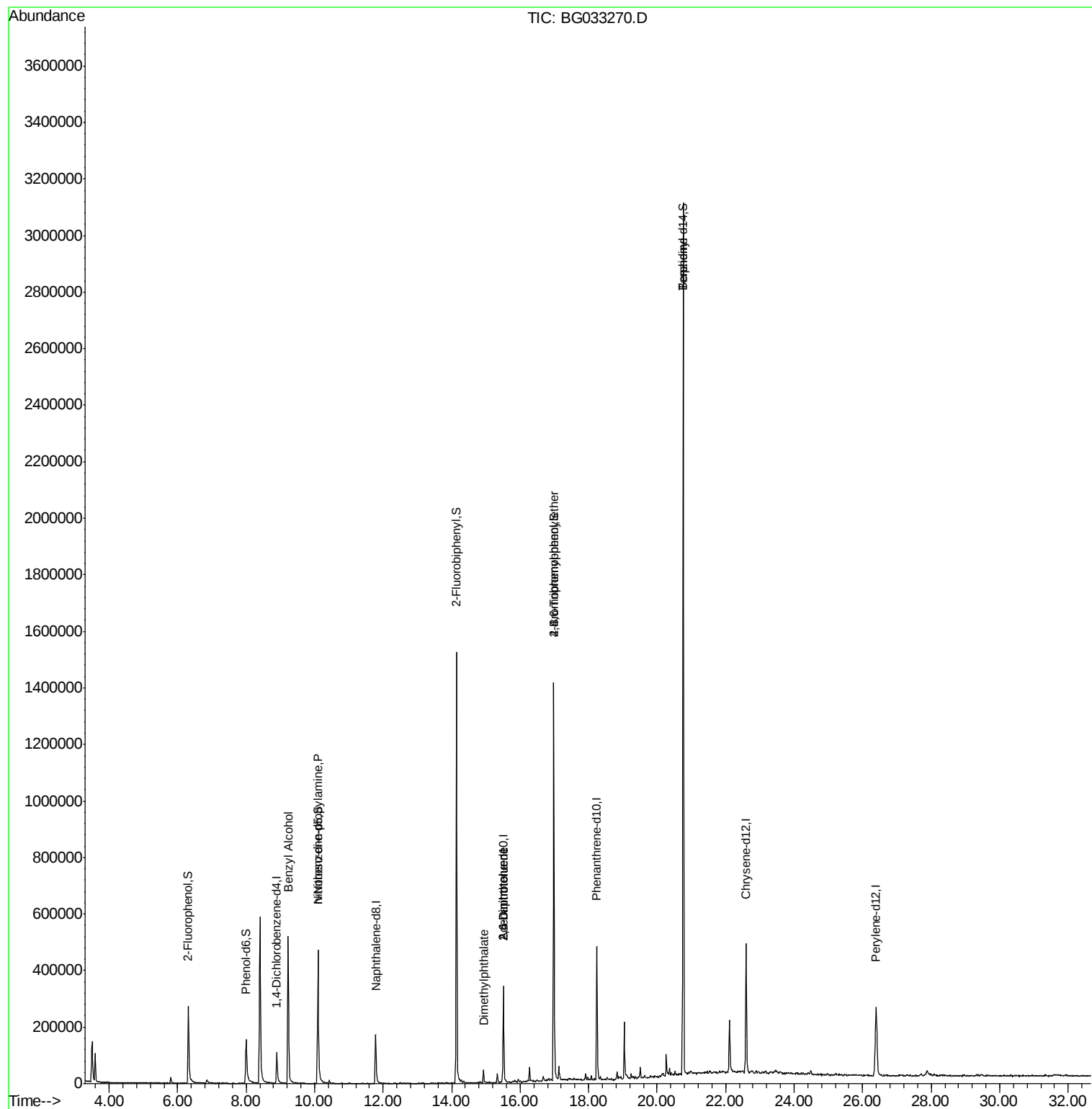
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	40064	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	179359	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	132671	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	341282	20.00	ng	0.00
75) Chrysene-d12	22.60	240	338571	20.00	ng	0.00
86) Perylene-d12	26.39	264	346518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	146570	68.60	ng	0.00
7) Phenol-d6	8.00	99	133596	36.39	ng	0.00
23) Nitrobenzene-d5	10.09	82	365514	93.63	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	293420	147.87	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	863151	93.92	ng	0.00
78) Terphenyl-d14	20.76	244	1567349	99.00	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5988	2.072	ng	# 55
19) n-Nitroso-di-n-propylamine	10.09	70	50978	18.950	ng	# 73
49) Dimethylphthalate	14.93	163	28613	2.478	ng	# 96
50) 2,6-Dinitrotoluene	15.51	165	17737	7.513	ng	# 20
56) 2,4-Dinitrotoluene	15.51	165	17816	5.125	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	21498	5.364	ng	# 1
76) Benzydine	20.76	184	26318	2.866	ng	# 94

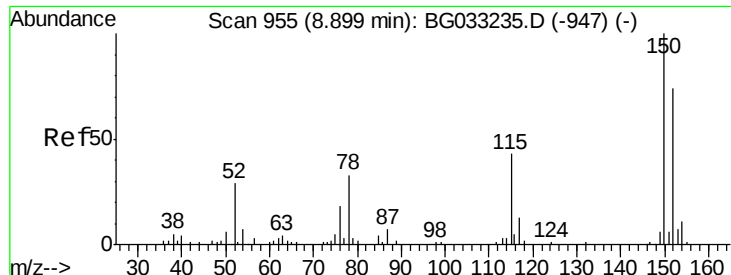
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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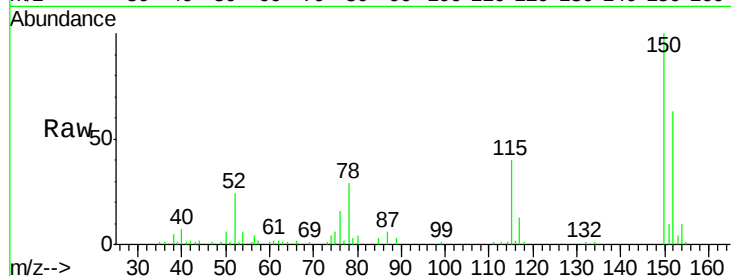


#1

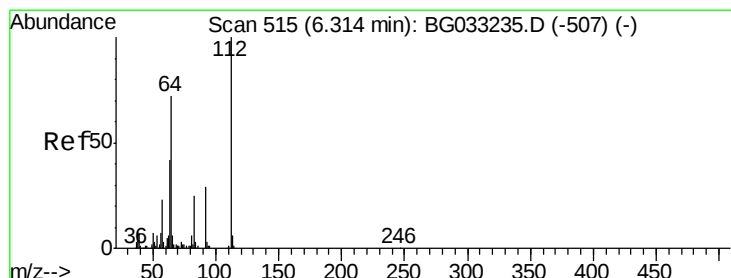
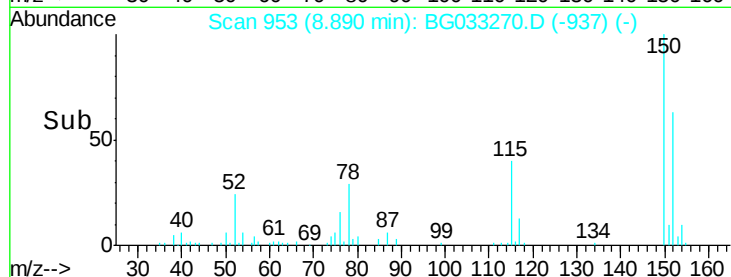
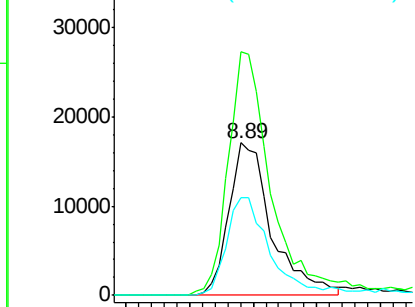
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.6	189.8
115	64.2	53.0	79.4



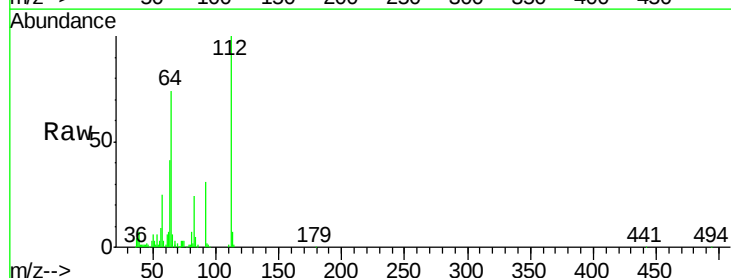
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



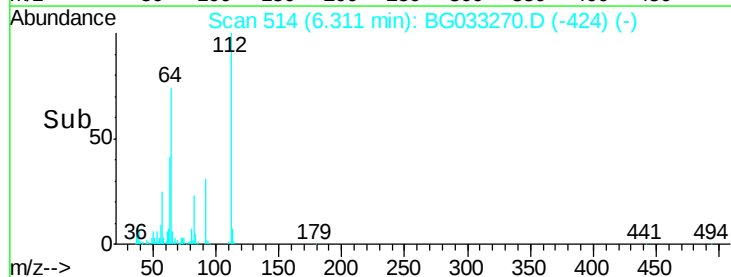
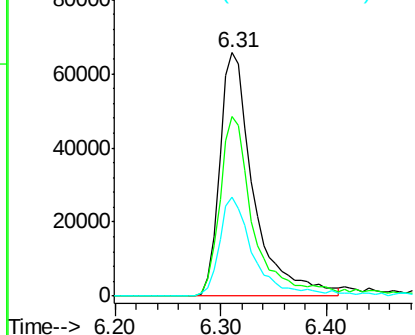
#5

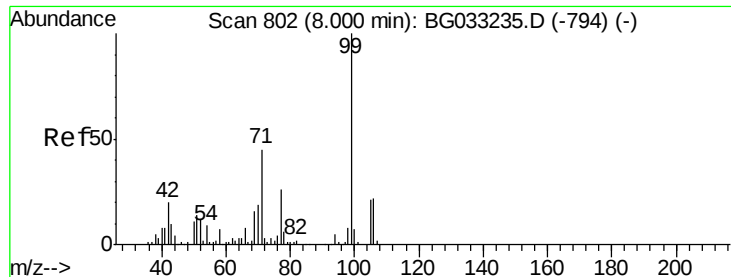
2-Fluorophenol
Concen: 68.599 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	56.3	84.5
63	40.6	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: 36.391 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

Instrument :

BNA_G

ClientSampleId :

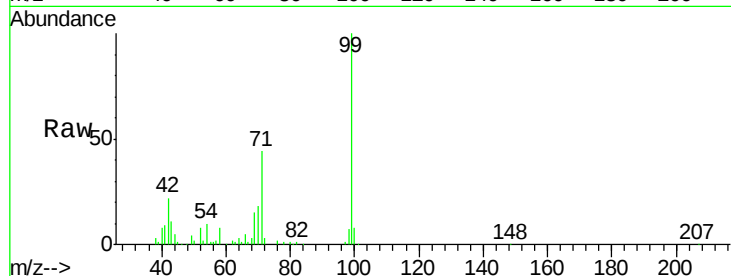
Tot Ion: 99 Resp: 133596

Ion Ratio Lower Upper

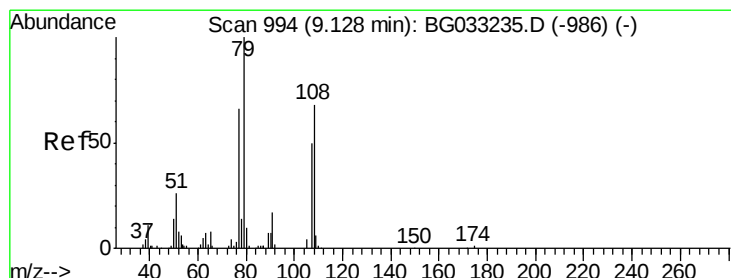
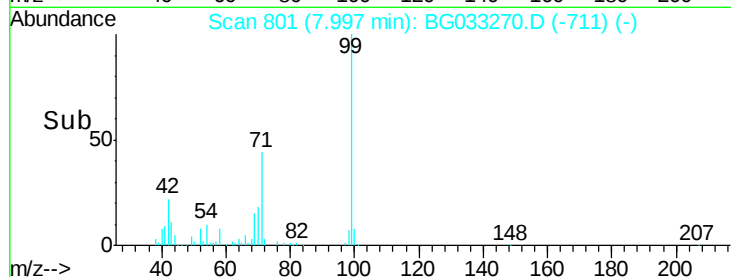
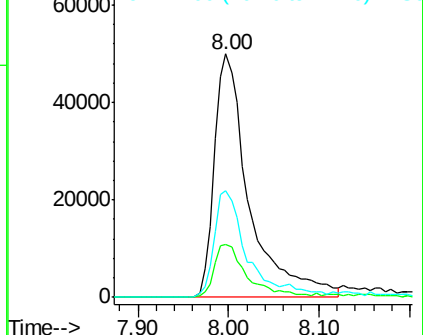
99 100

42 21.6 14.1 21.1#

71 43.6 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.072 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

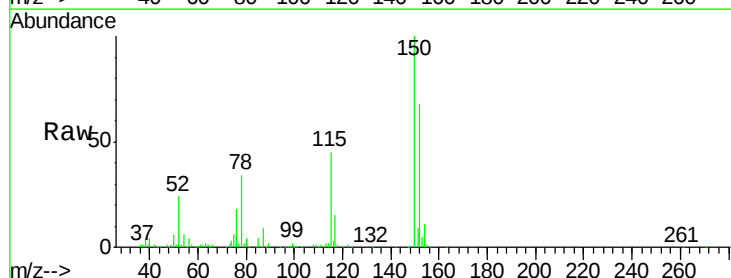
Tgt Ion: 79 Resp: 5988

Ion Ratio Lower Upper

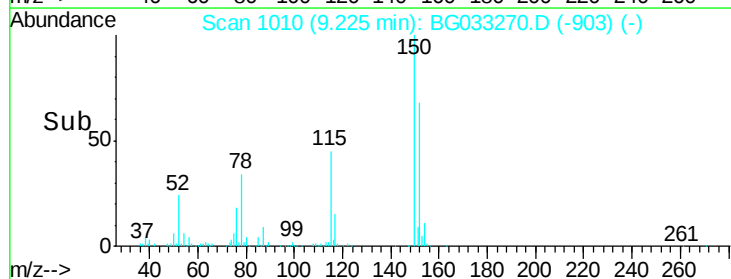
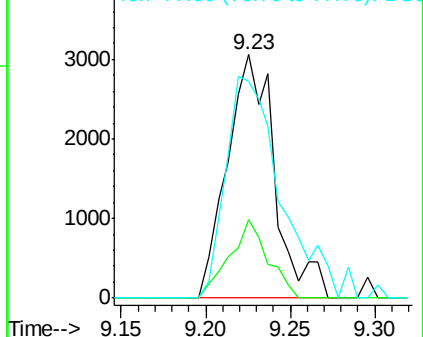
79 100

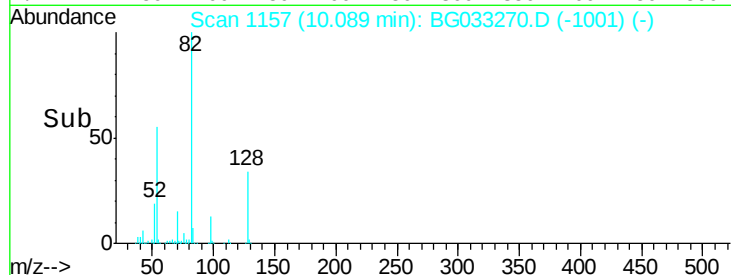
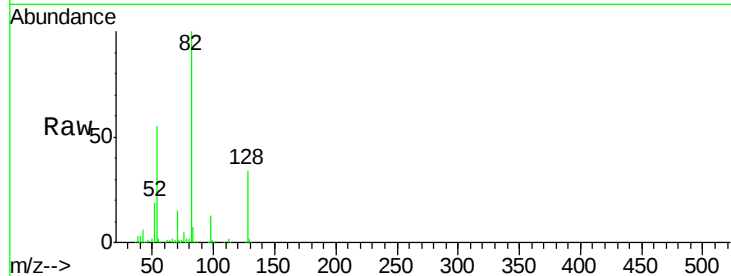
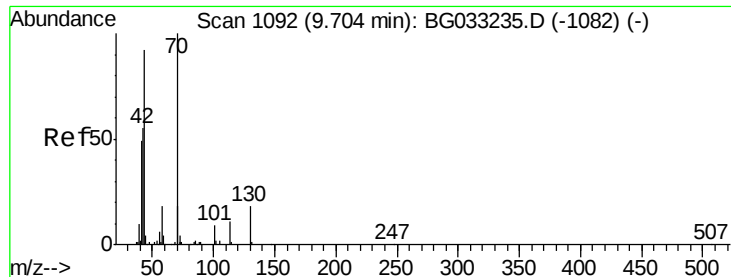
108 32.1 57.2 85.8#

77 89.1 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

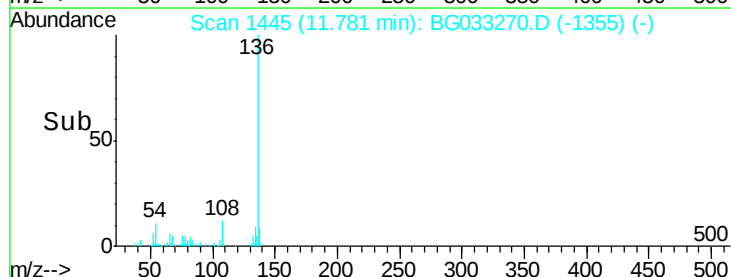
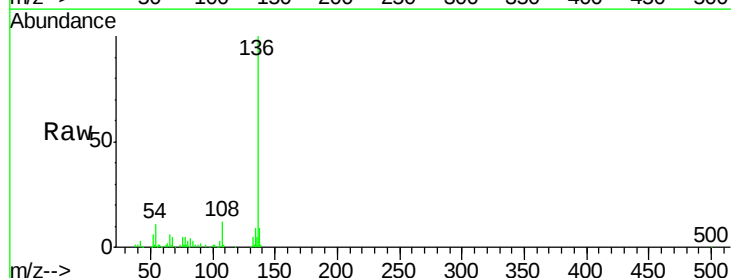
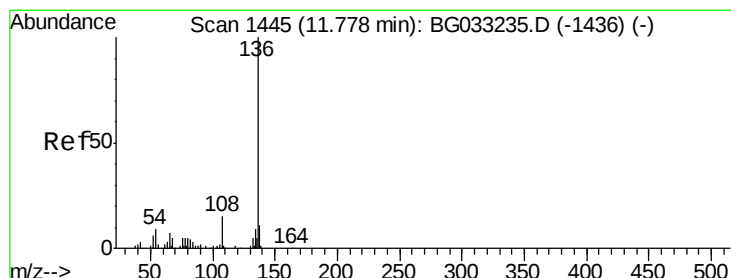
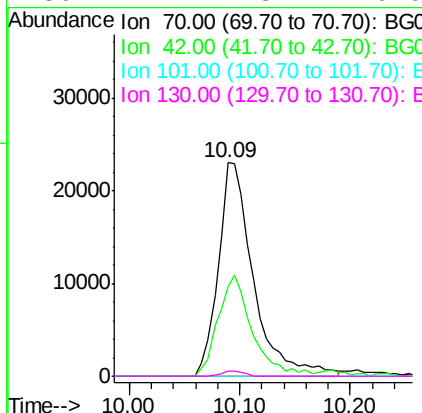




#19
n-Nitroso-di-n-propylamine
Concen: 18.950 ng
RT: 10.09 min Scan# 1157
Delta R.T. 0.39 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

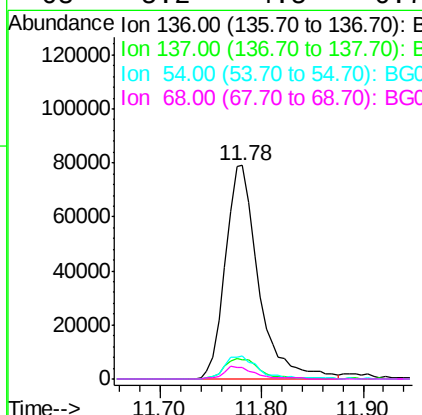
Instrument :
BNA_G
ClientSampleId :

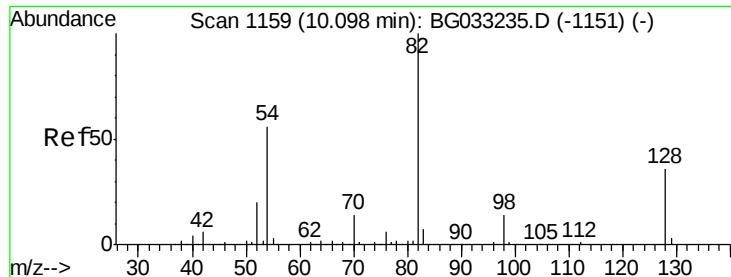
Tot Ion	70	Resp	50978
Ion Ratio	Lower	Upper	
70	100		
42	41.9	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Tgt Ion	136	Resp	179359
Ion Ratio	Lower	Upper	
136	100		
137	9.3	9.2	13.8
54	11.1	10.3	15.5
68	5.2	4.5	6.7





#23

Nitrobenzene-d5

Concen: 93.629 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

Instrument :

BNA_G

ClientSampleId :

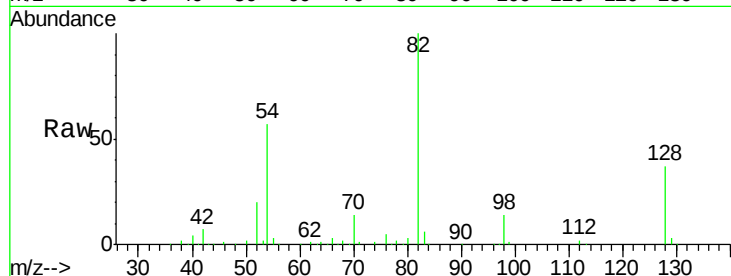
Tot Ion: 82 Resp: 365514

Ion Ratio Lower Upper

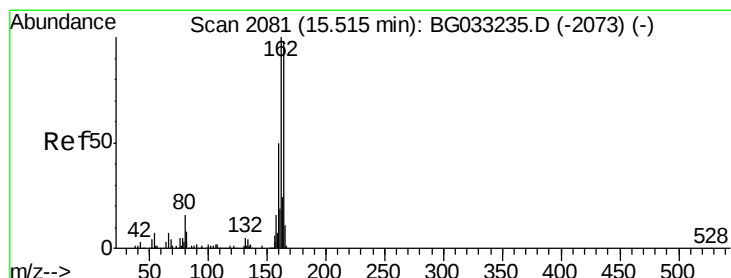
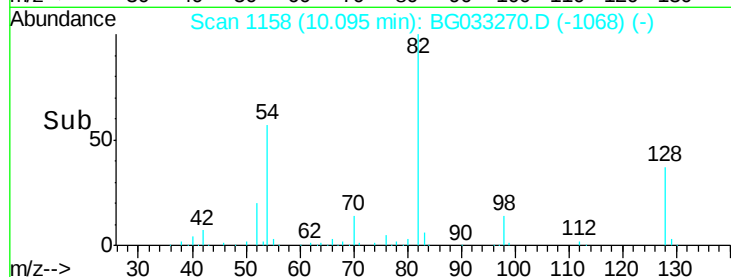
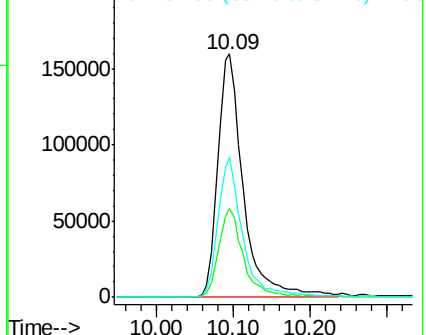
82 100

128 36.6 29.7 44.5

54 57.4 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

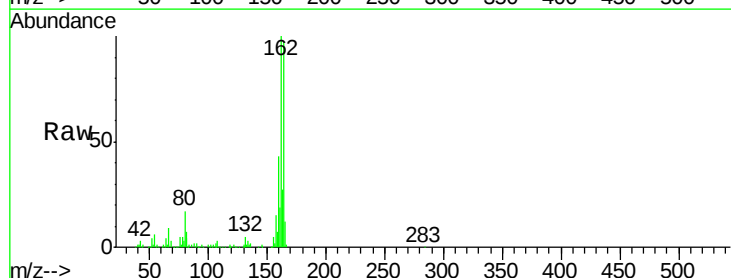
Tgt Ion:164 Resp: 132671

Ion Ratio Lower Upper

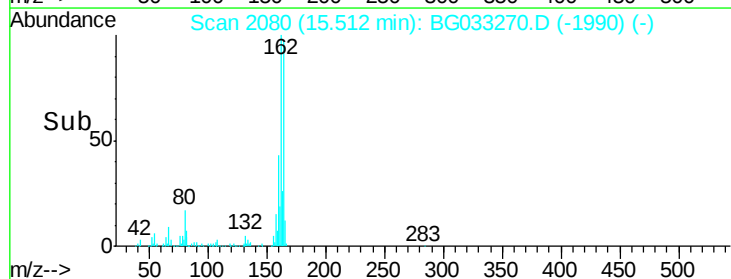
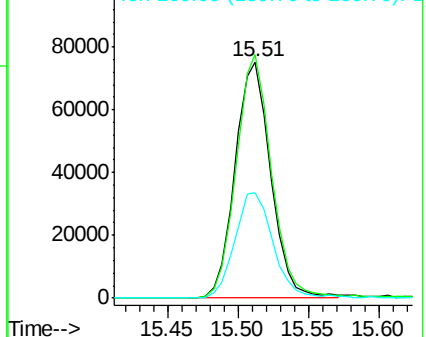
164 100

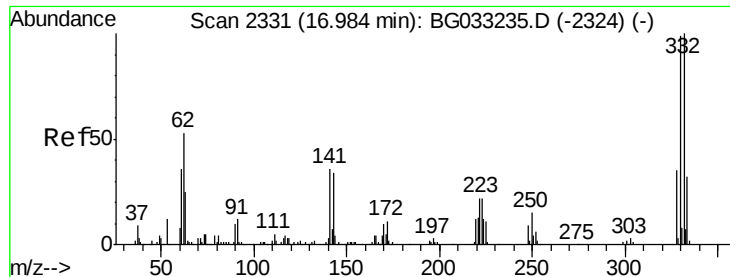
162 103.0 78.8 118.2

160 44.3 35.4 53.0



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

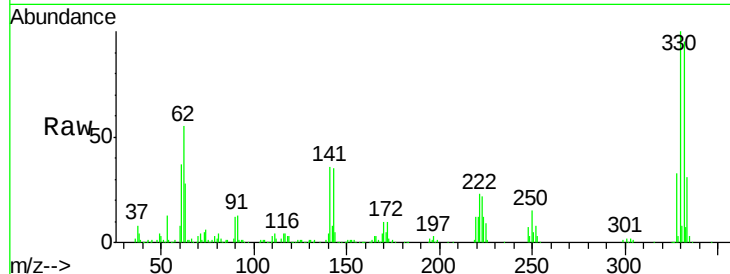




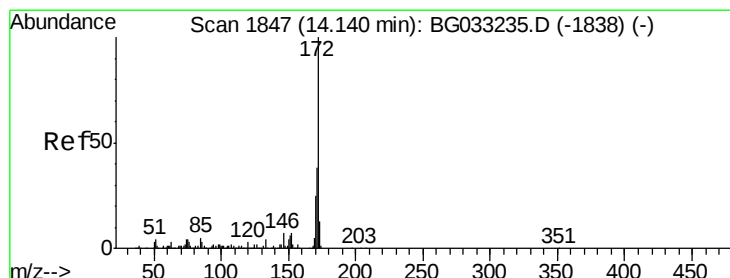
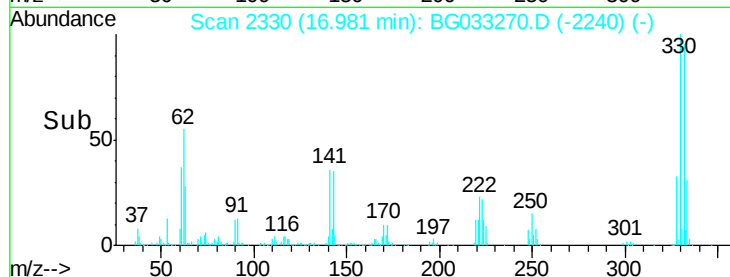
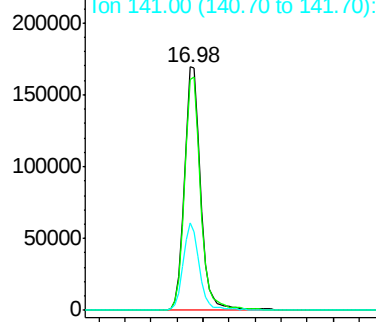
#41
 2,4,6-Tribromophenol
 Concen: 147.875 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BG033270.D
 Acq: 20 Mar 2018 16:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	35.2	25.2	37.8

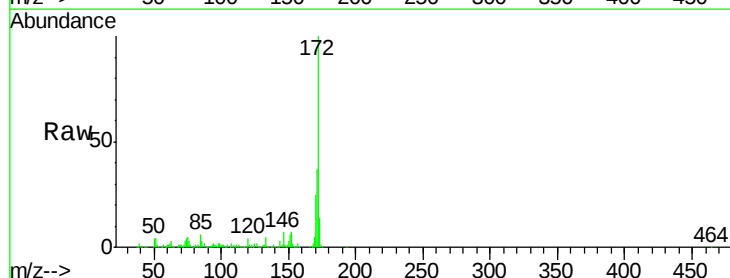


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

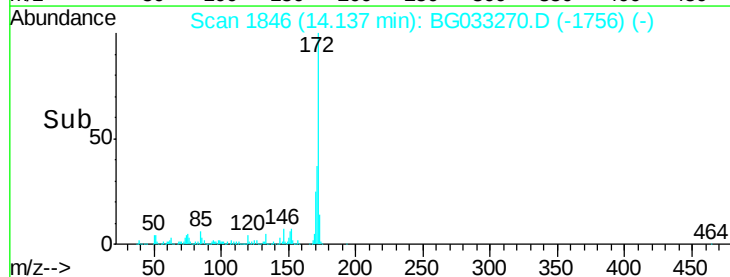
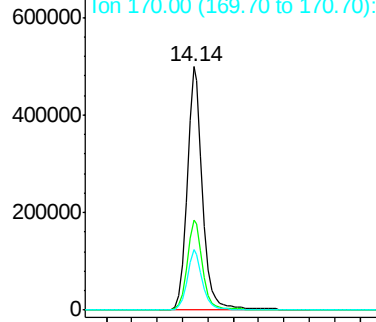


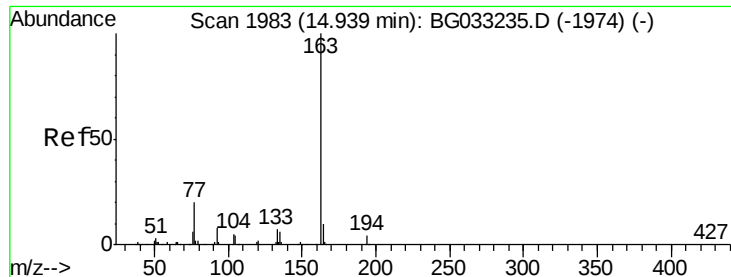
#44
 2-Fluorobiphenyl
 Concen: 93.922 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033270.D
 Acq: 20 Mar 2018 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.7	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

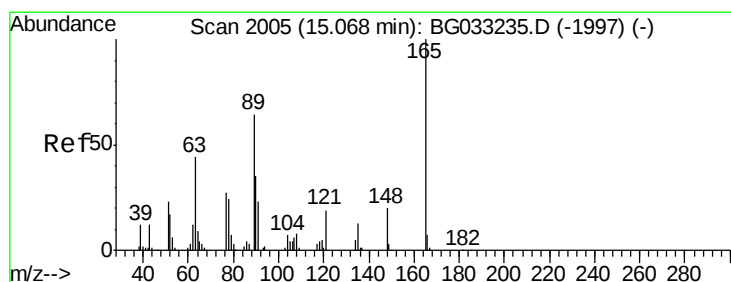
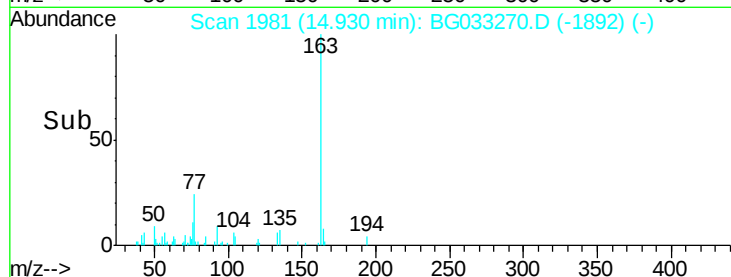
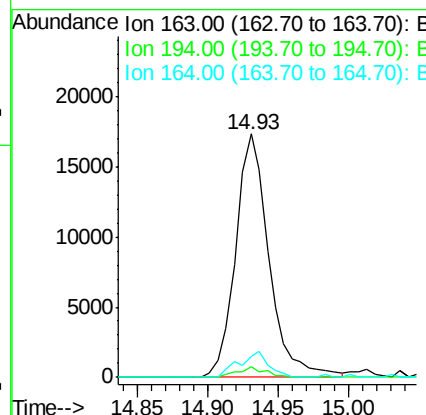
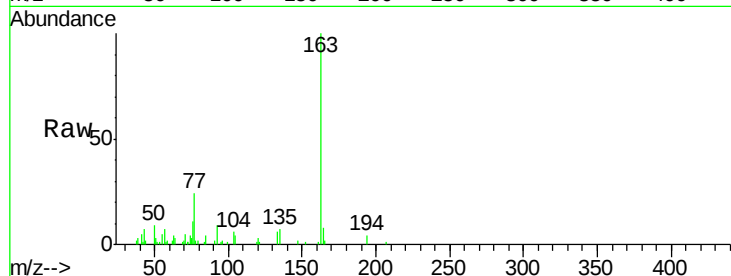




#49
Dimethylphthalate
Concen: 2.478 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

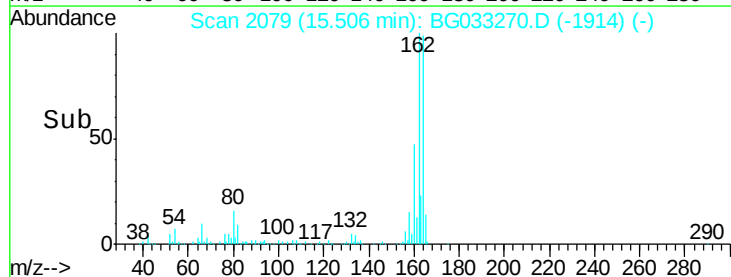
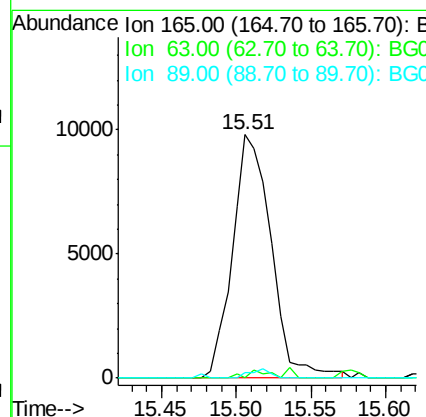
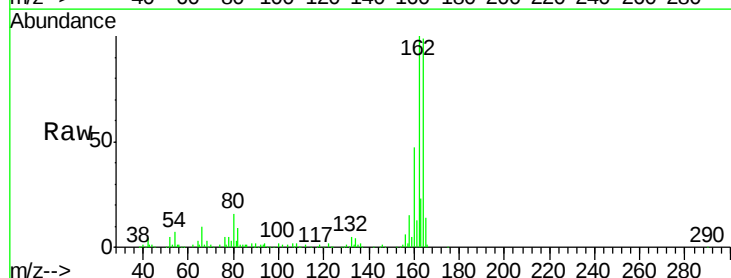
Instrument :
BNA_G
ClientSampleId :

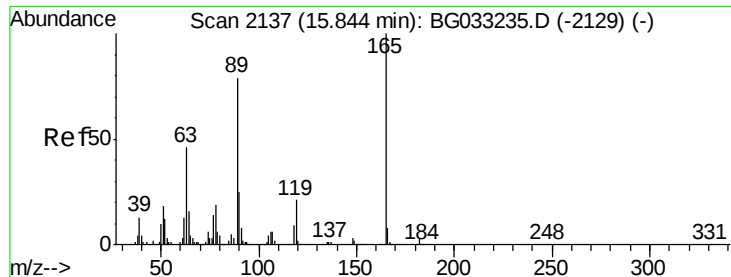
Tot Ion:163 Resp: 28613
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 8.4 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.513 ng
RT: 15.51 min Scan# 2079
Delta R.T. 0.44 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Tgt Ion:165 Resp: 17737
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.1 49.2 73.8#

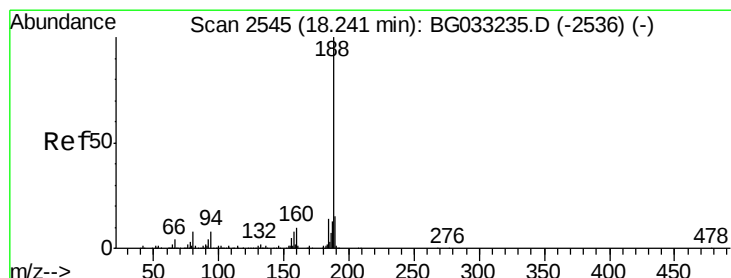
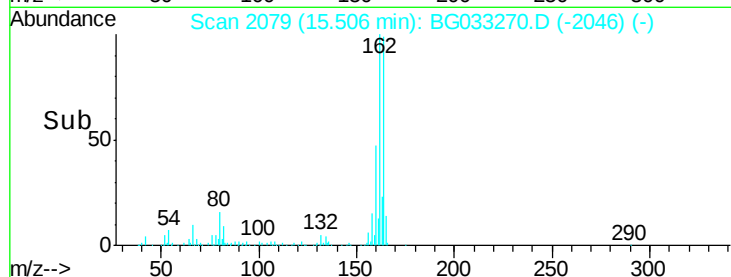
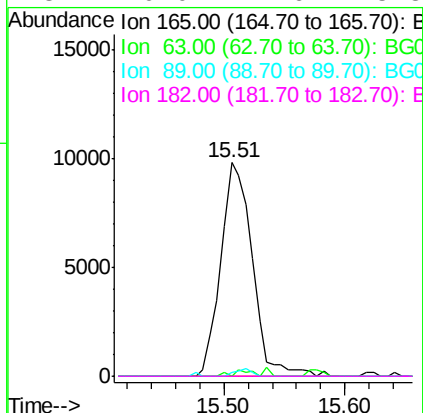
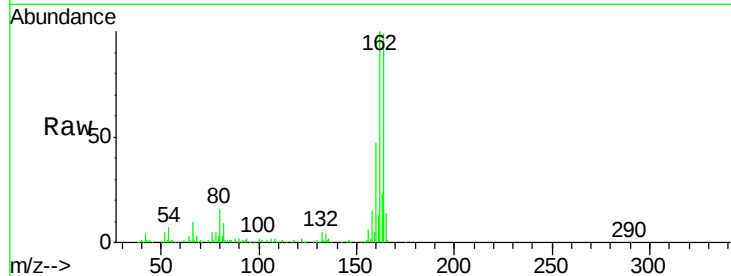




#56
 2,4-Dinitrotoluene
 Concen: 5.125 ng
 RT: 15.51 min Scan# 2079
 Delta R.T. -0.34 min
 Lab File: BG033270.D
 Acq: 20 Mar 2018 16:41

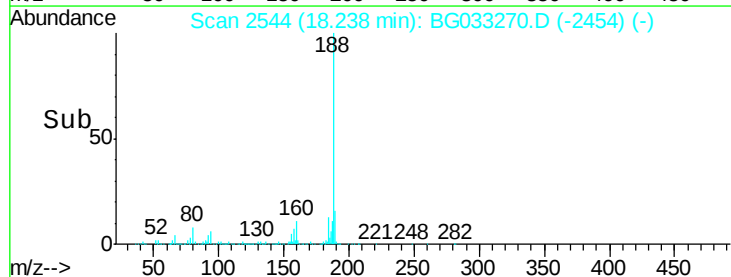
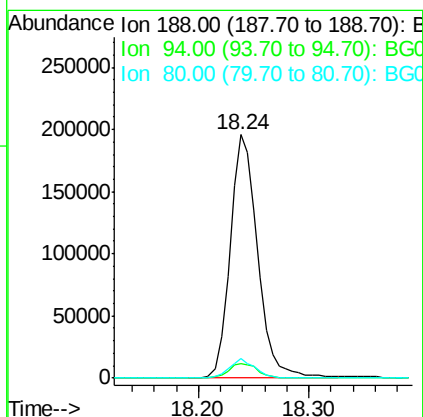
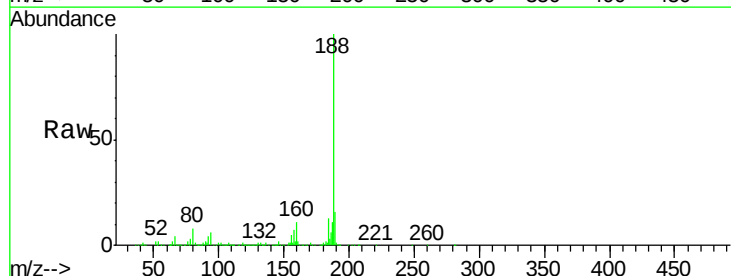
Instrument :
 BNA_G
 ClientSampleId :

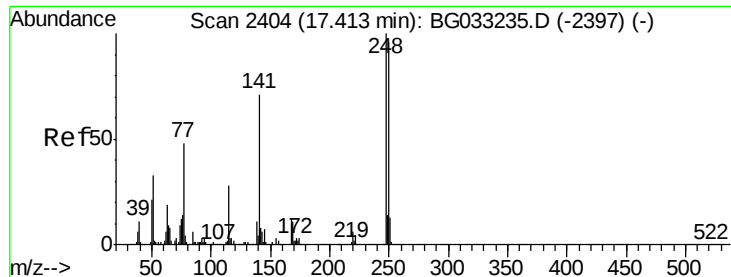
Tot Ion:165 Resp: 17816
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BG033270.D
 Acq: 20 Mar 2018 16:41

Tgt Ion:188 Resp: 341282
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.9 7.7 11.5

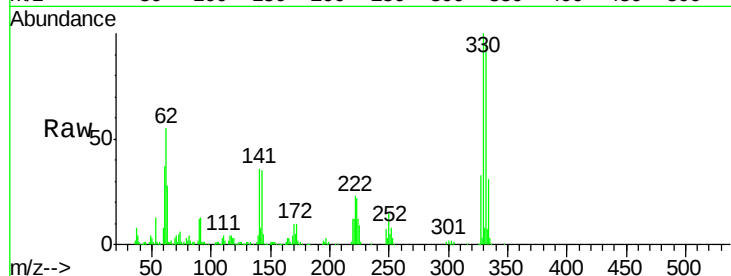




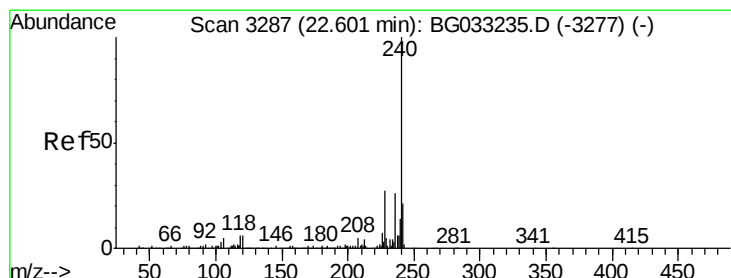
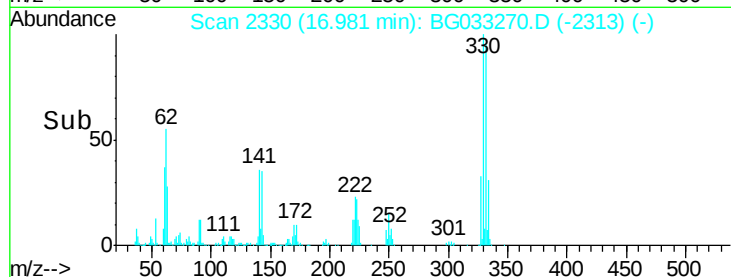
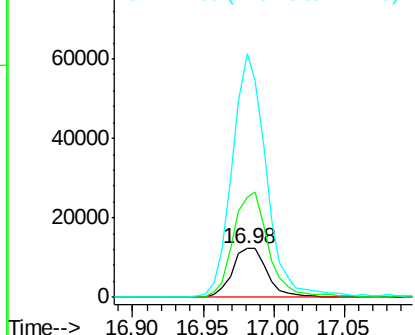
#66
4-Bromophenyl-phenylether
Concen: 5.364 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21498
Ion Ratio Lower Upper
248 100
250 205.5 77.1 115.7#
141 501.0 50.8 76.2#

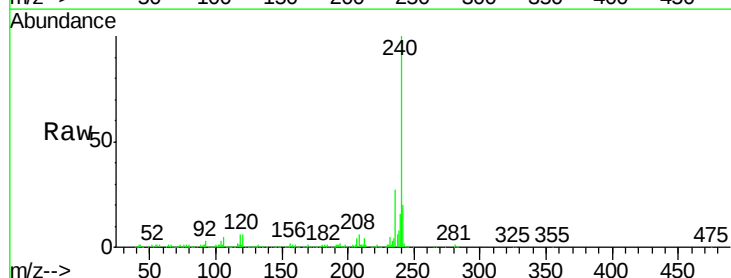


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

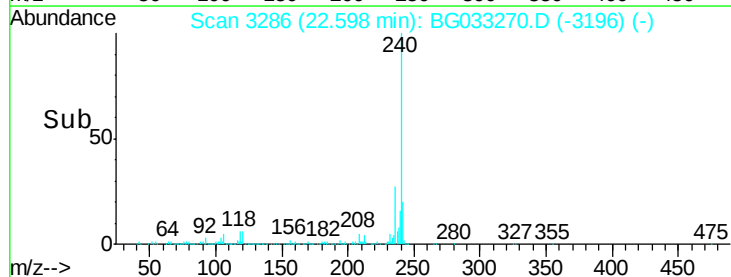
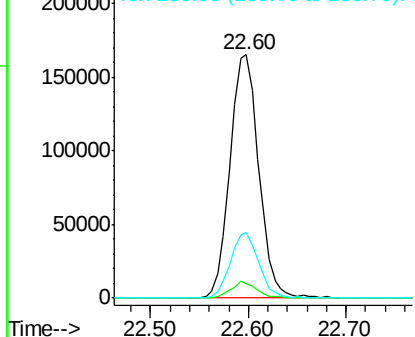


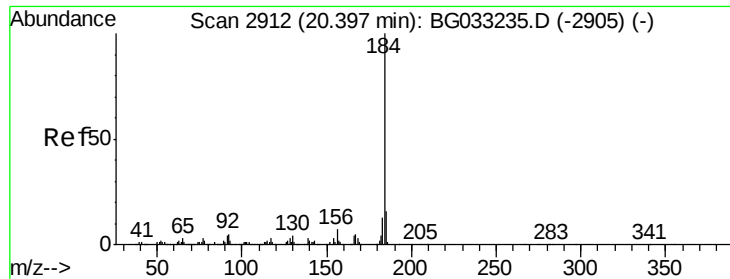
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Tgt Ion:240 Resp: 338571
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 27.0 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: 2.866 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

Instrument :

BNA_G

ClientSampleId :

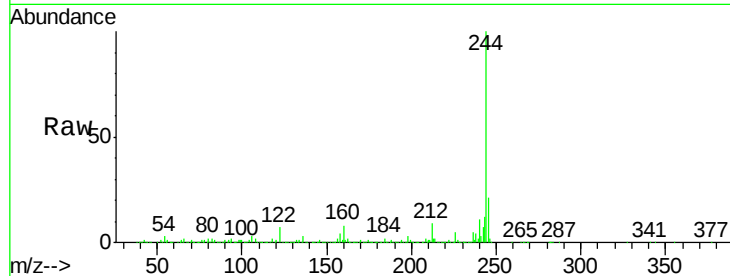
Tot Ion:184 Resp: 26318

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

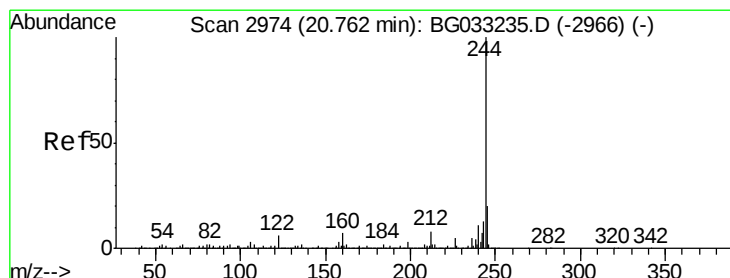
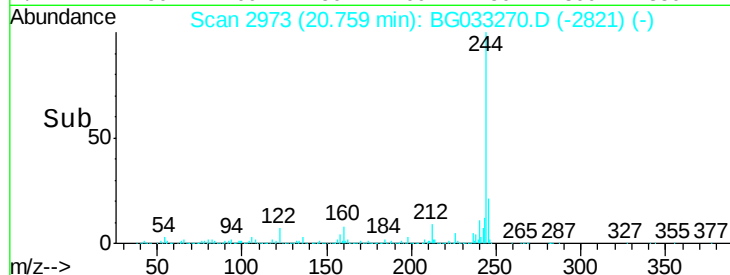
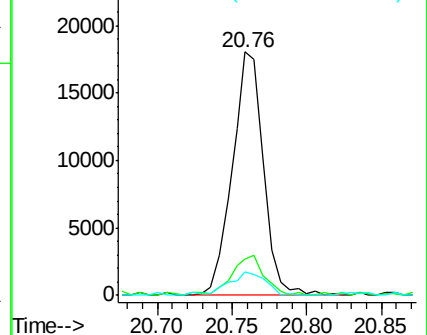
183 9.6 10.6 16.0#



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: 99.003 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033270.D

Acq: 20 Mar 2018 16:41

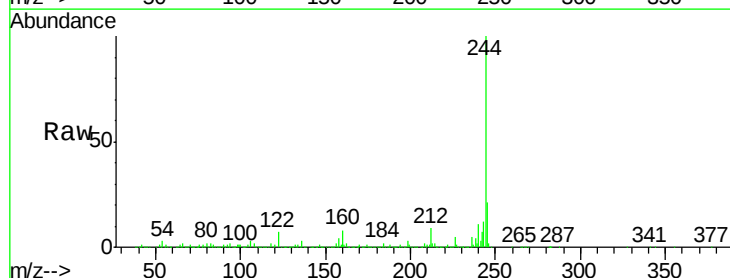
Tgt Ion:244 Resp: 1567349

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

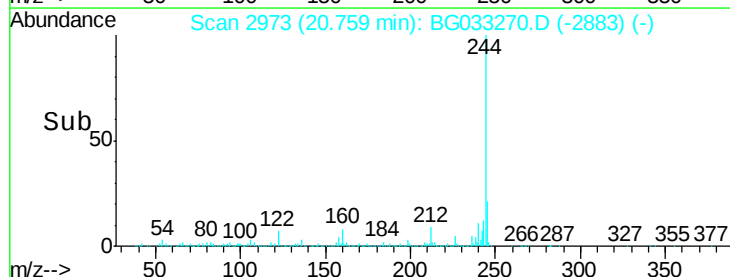
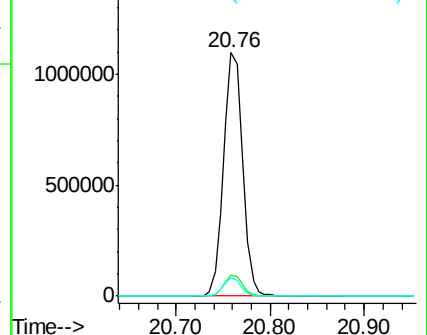
122 7.3 7.0 10.4

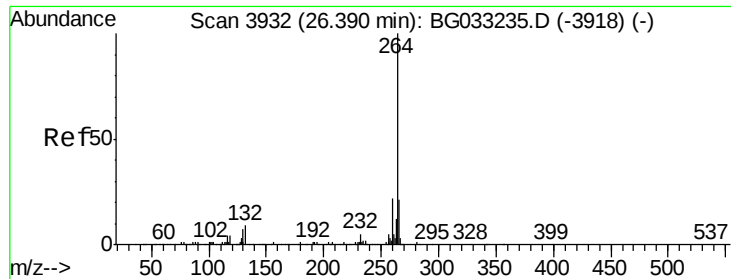


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

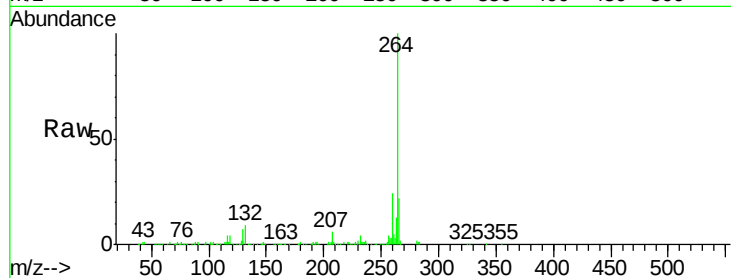




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BG033270.D
Acq: 20 Mar 2018 16:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.1	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

