

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033292.D
 Acq On : 22 Mar 2018 13:34
 Operator : SJ/JU
 Sample : J1976-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 22 17:32:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

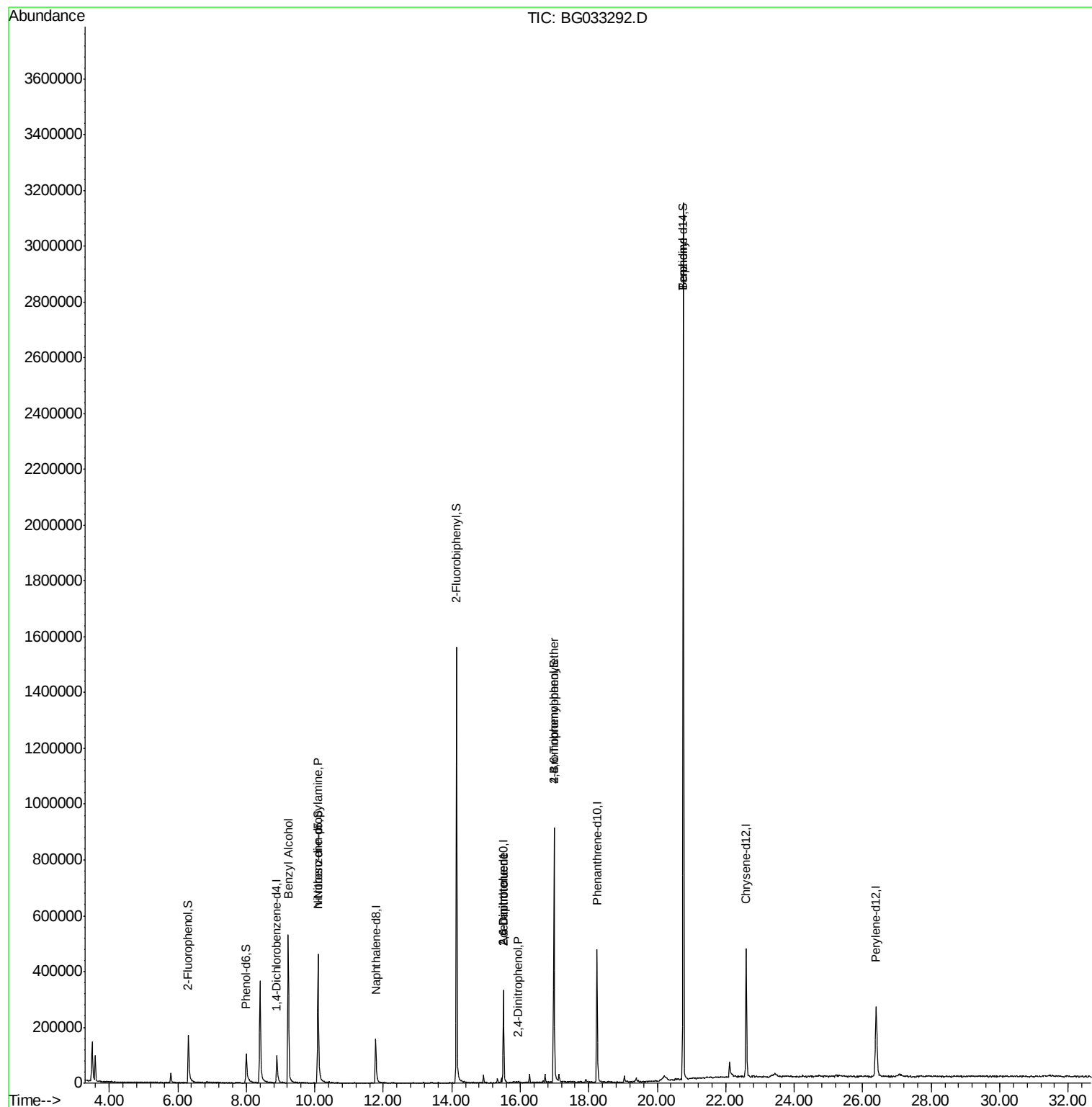
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36778	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	165426	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	130175	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	338258	20.00	ng	0.00
75) Chrysene-d12	22.59	240	337580	20.00	ng	0.00
86) Perylene-d12	26.39	264	343652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	100942	51.47	ng	0.00
7) Phenol-d6	7.99	99	94877	28.15	ng	0.00
23) Nitrobenzene-d5	10.09	82	369660	102.67	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	197369	101.38	ng	0.00
44) 2-Fluorobiphenyl	14.13	172	912908	101.24	ng	0.00
78) Terphenyl-d14	20.76	244	1582174	100.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5427	2.045	ng	# 61
19) n-Nitroso-di-n-propylamine	10.10	70	50466	20.436	ng	# 74
50) 2,6-Dinitrotoluene	15.51	165	17119	7.390	ng	# 22
53) 2,4-Dinitrophenol	15.94	184	57	7.686	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	17119	5.019	ng	# 20
66) 4-Bromophenyl-phenylether	16.98	248	14721	3.706	ng	# 1
76) Benizidine	20.76	184	25134	2.745	ng	# 92

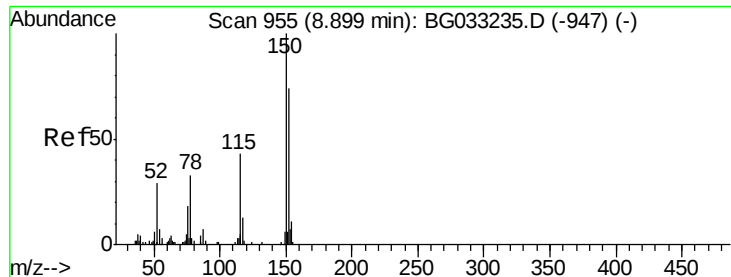
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033292.D
Acq On : 22 Mar 2018 13:34
Operator : SJ/JU
Sample : J1976-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 22 17:32:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration



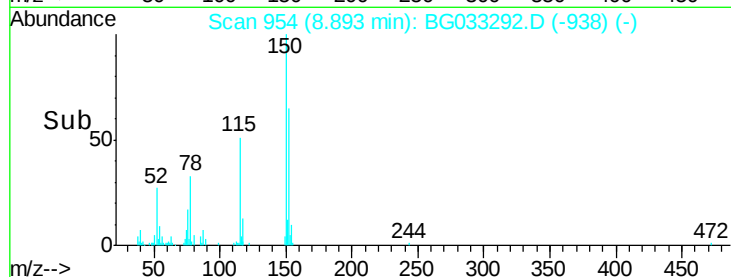
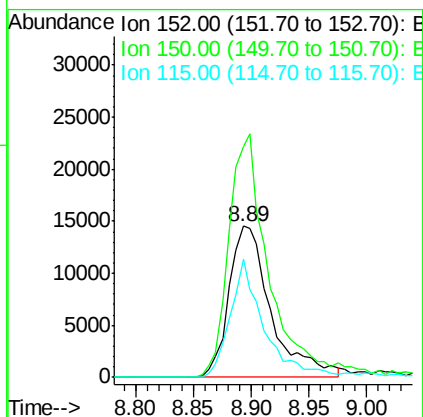
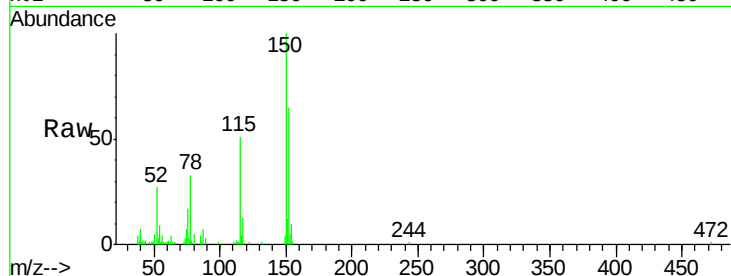


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Instrument :
BNA_G
ClientSampleId :

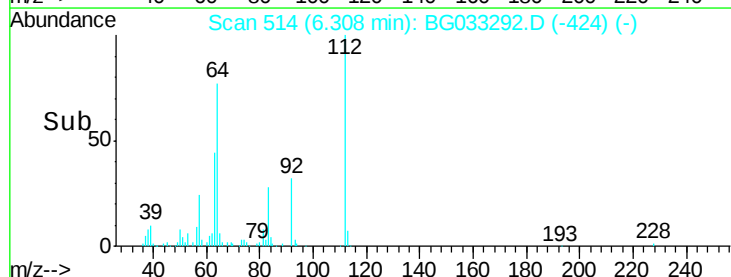
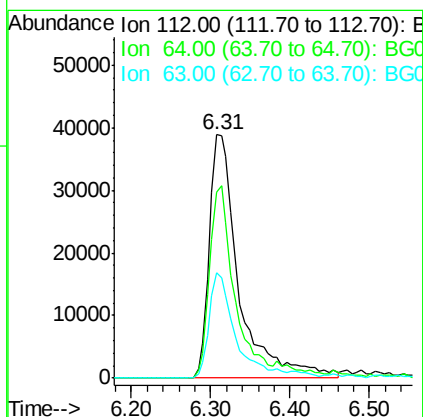
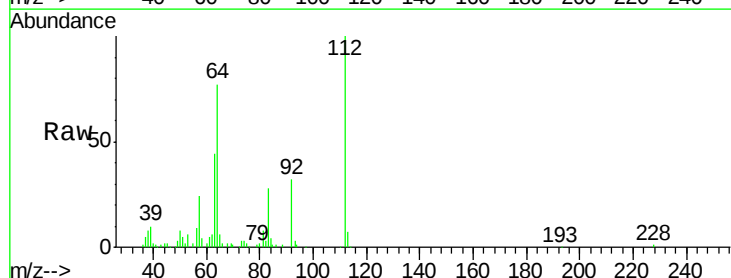
Tot Ion:152 Resp: 36778
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 78.3 53.0 79.4



#5

2-Fluorophenol
Concen: 51.465 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Tgt Ion:112 Resp: 100942
Ion Ratio Lower Upper
112 100
64 76.6 56.3 84.5
63 43.5 30.1 45.1





#7

Phenol-d6

Concen: 28.153 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

Instrument :

BNA_G

ClientSampleId :

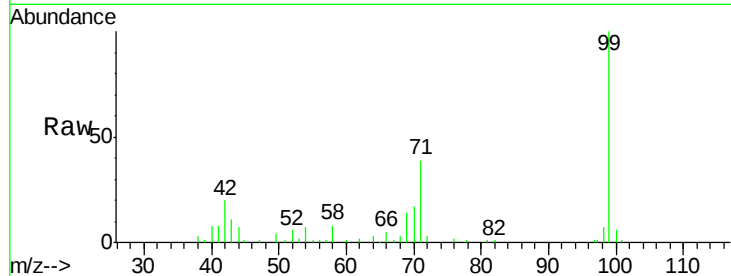
Tot Ion: 99 Resp: 94877

Ion Ratio Lower Upper

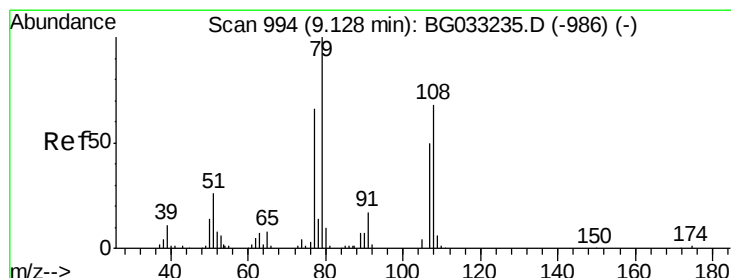
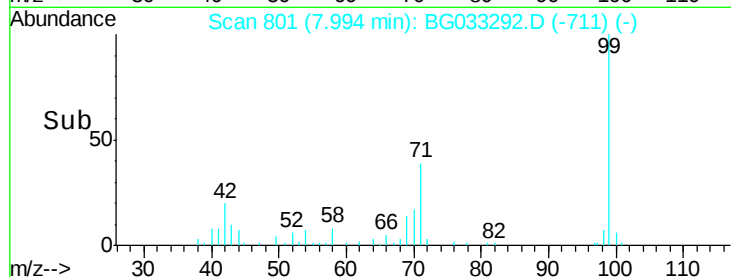
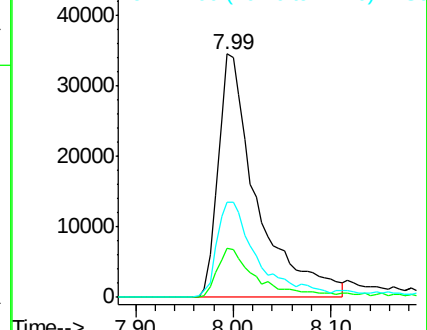
99 100

42 20.1 14.1 21.1

71 39.1 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: 2.045 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.09 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

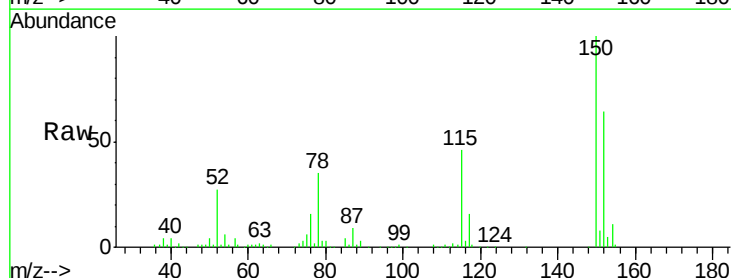
Tgt Ion: 79 Resp: 5427

Ion Ratio Lower Upper

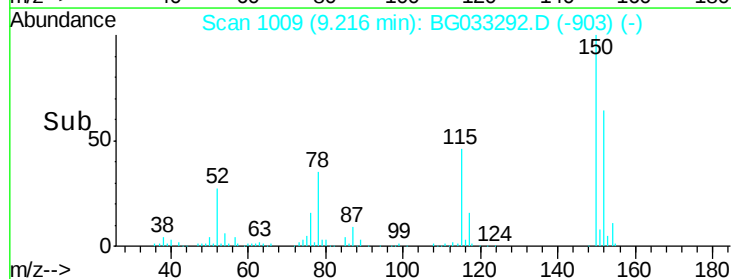
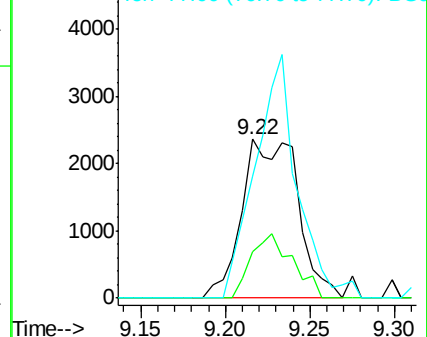
79 100

108 29.4 57.2 85.8#

77 76.5 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

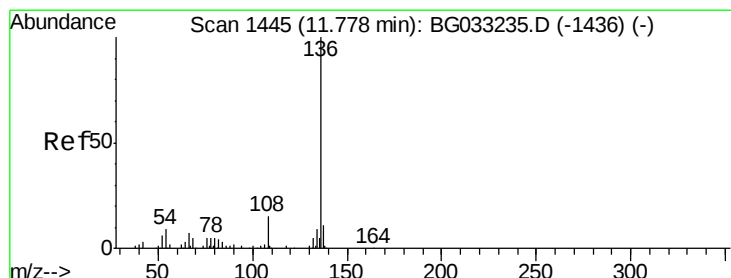
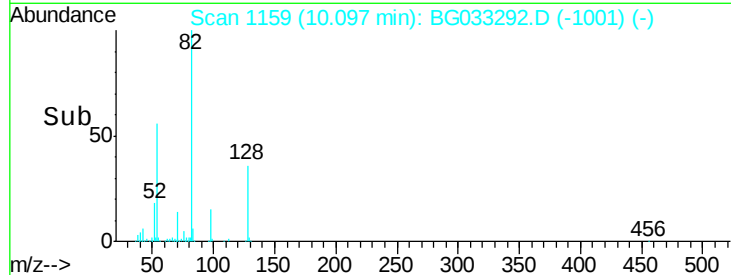
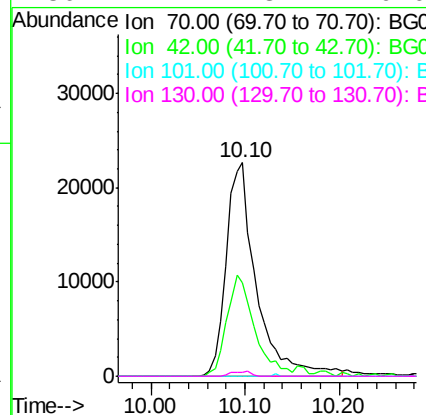
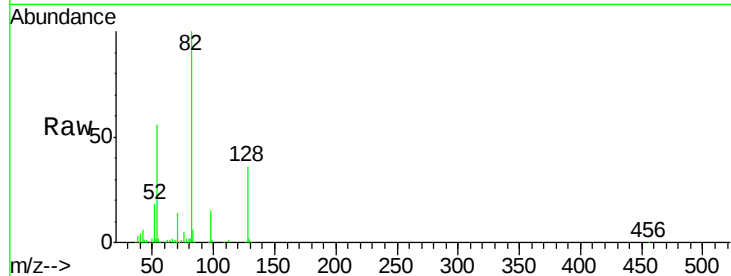




#19
n-Nitroso-di-n-propylamine
Concen: 20.436 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.40 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

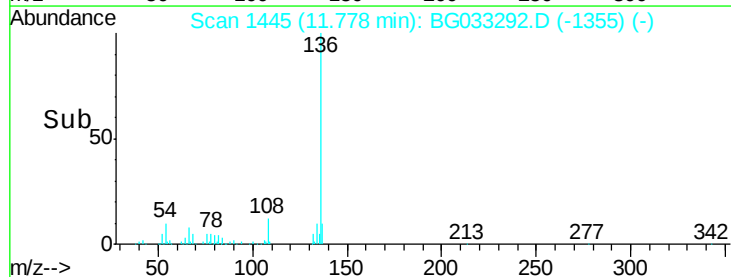
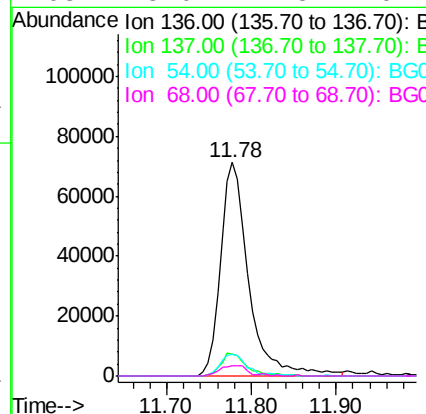
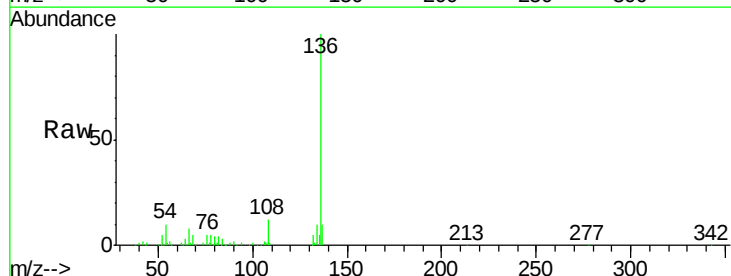
Instrument :
BNA_G
ClientSampleId :

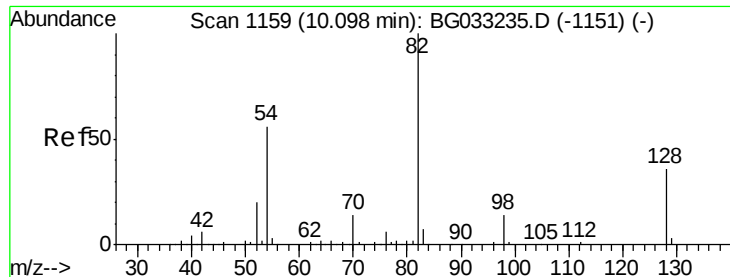
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.7	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	10.1	10.3	15.5#
68	5.0	4.5	6.7

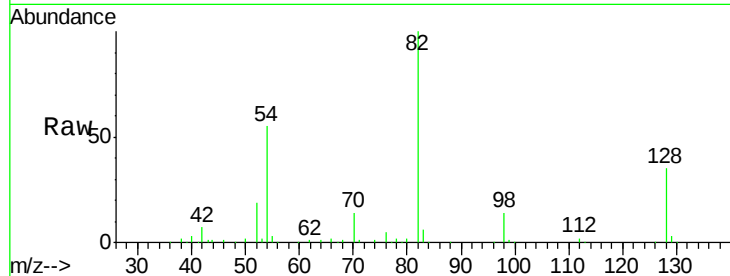




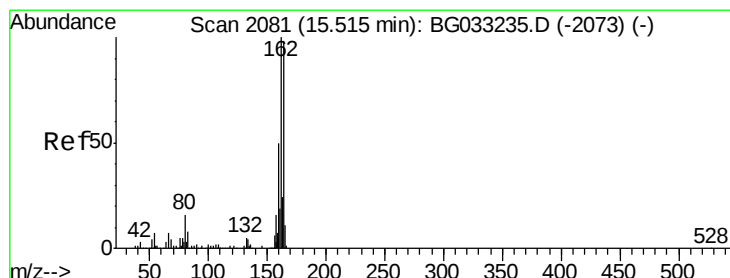
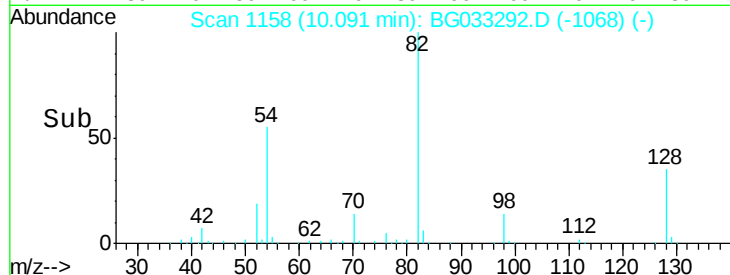
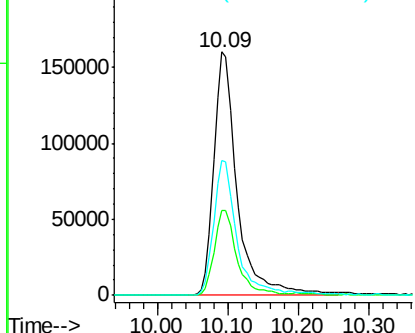
#23
Nitrobenzene-d5
Concen: 102.666 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 369660
Ion Ratio Lower Upper
82 100
128 34.7 29.7 44.5
54 55.3 43.1 64.7

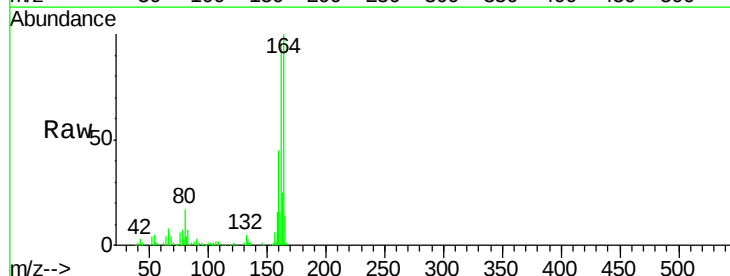


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

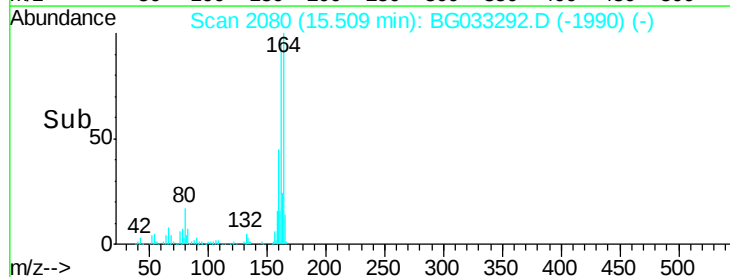
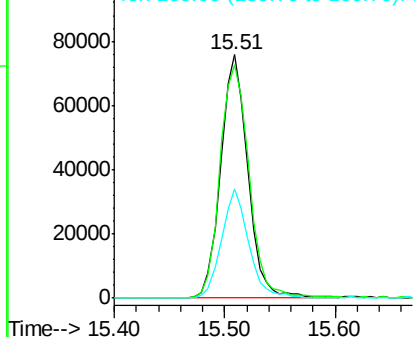


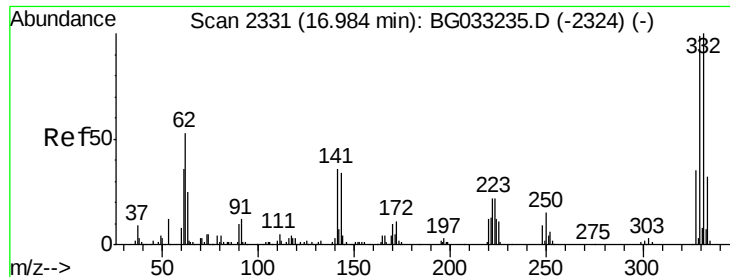
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Tgt Ion: 164 Resp: 130175
Ion Ratio Lower Upper
164 100
162 96.0 78.8 118.2
160 44.7 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

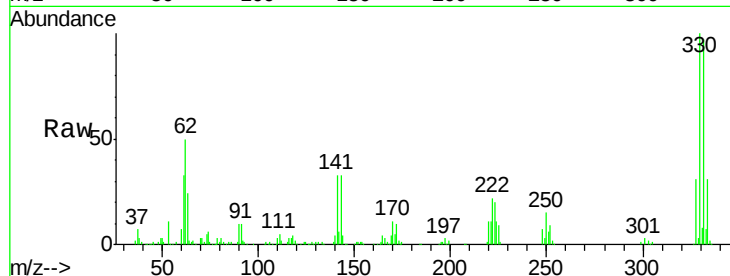




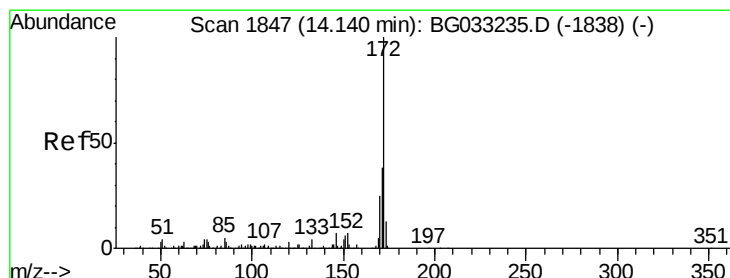
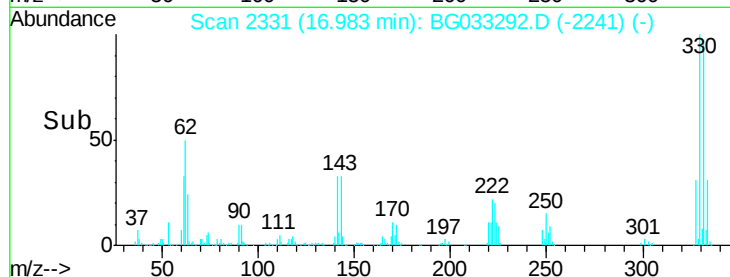
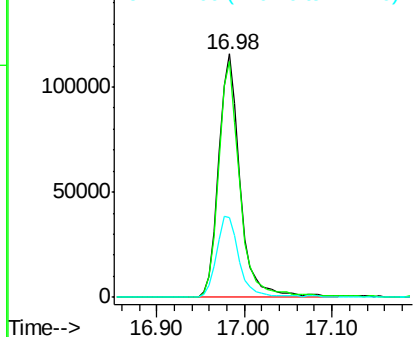
#41
 2,4,6-Tribromophenol
 Concen: 101.375 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033292.D
 Acq: 22 Mar 2018 13:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.8	25.2	37.8

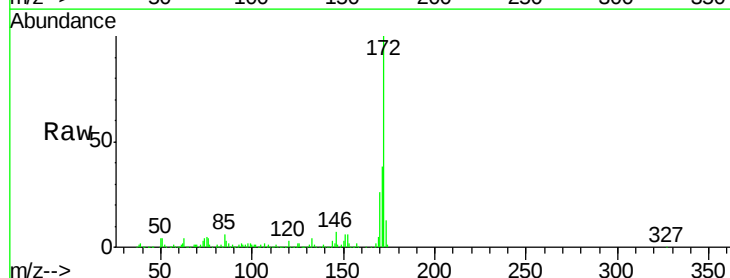


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

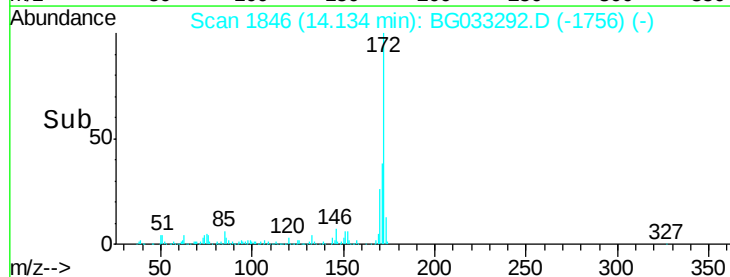
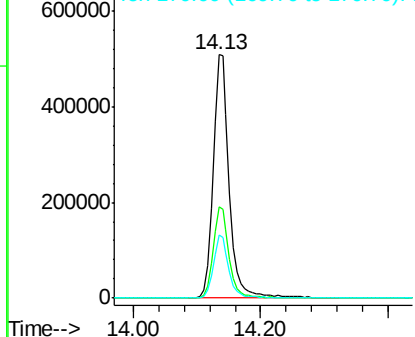


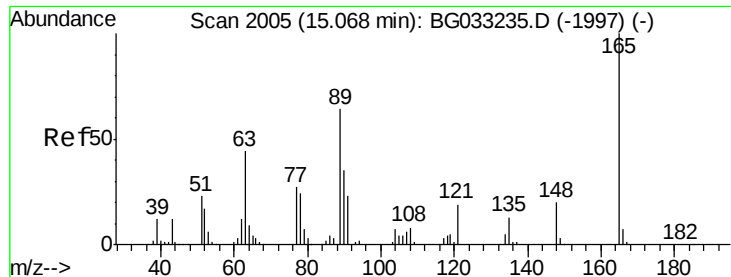
#44
 2-Fluorobiphenyl
 Concen: 101.241 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033292.D
 Acq: 22 Mar 2018 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.8	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: 7.390 ng

RT: 15.51 min Scan# 2080

Delta R.T. 0.44 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

Instrument :

BNA_G

ClientSampleId :

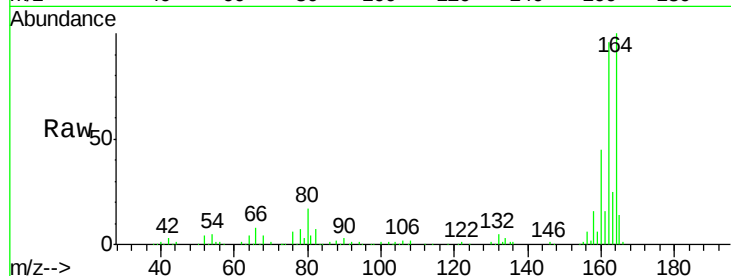
Tot Ion:165 Resp: 17119

Ion Ratio Lower Upper

165 100

63 2.8 52.7 79.1#

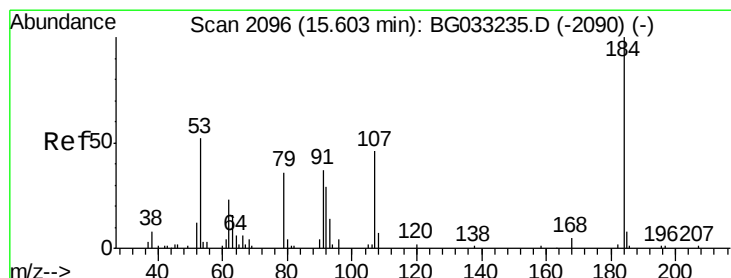
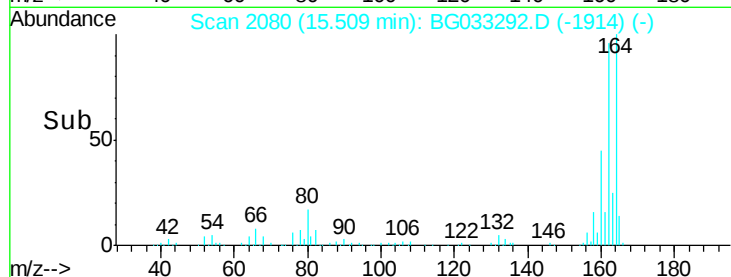
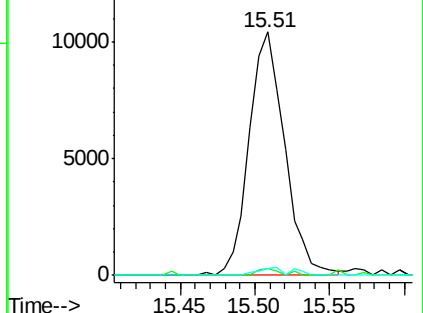
89 2.9 49.2 73.8#



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: 15.94 min Scan# 2154

Delta R.T. 0.34 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

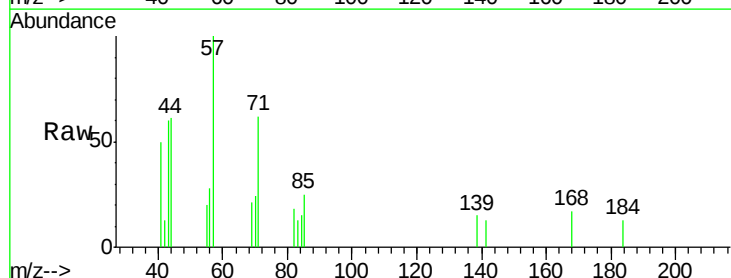
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

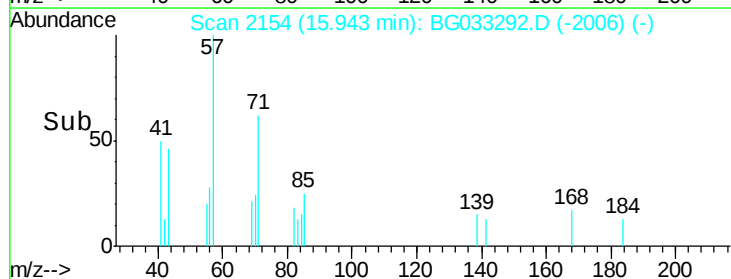
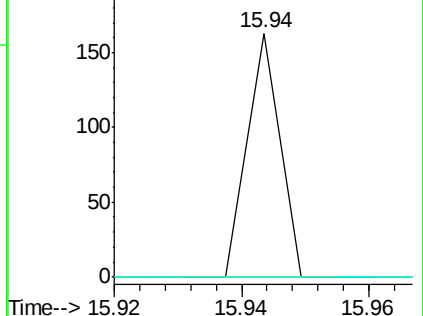
154 0.0 101.8 152.8#



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

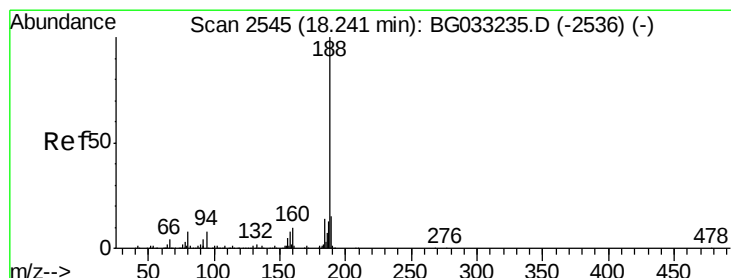
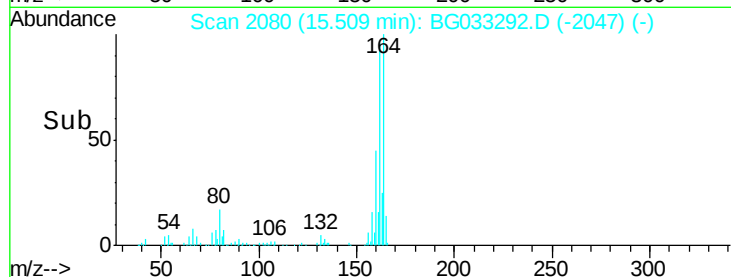
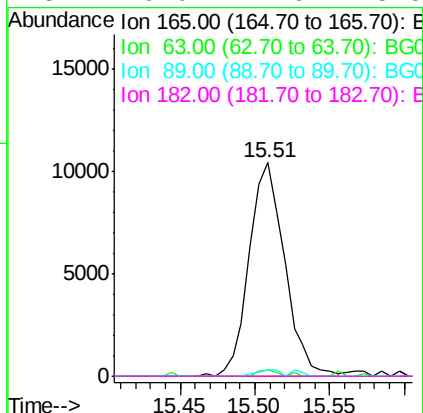
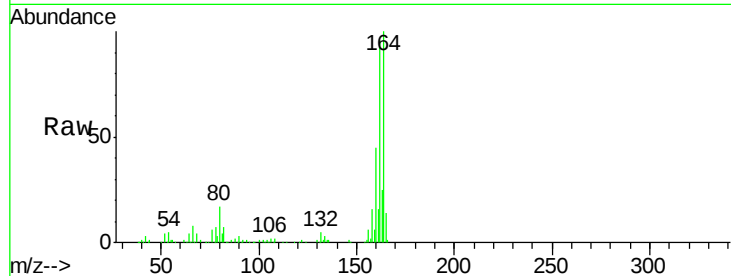




#56
2,4-Dinitrotoluene
Concen: 5.019 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.34 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

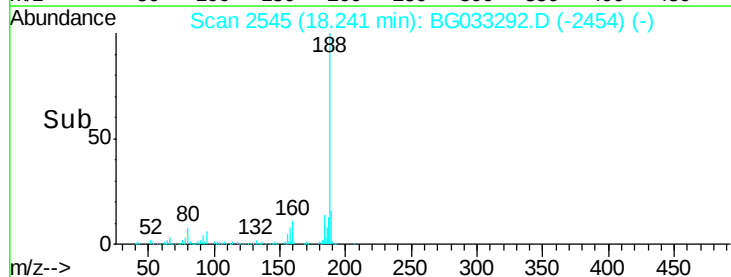
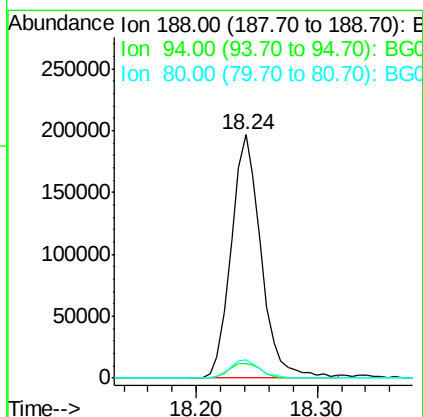
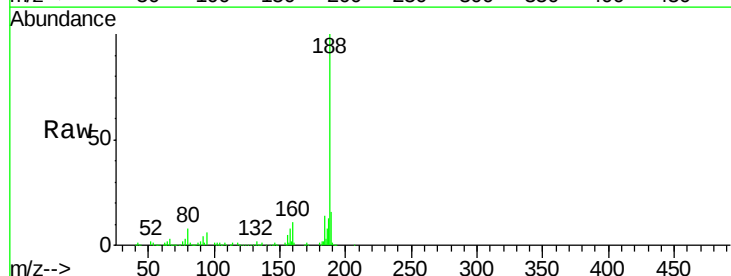
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.8	42.0	63.0#
89	2.9	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.7	7.7	11.5

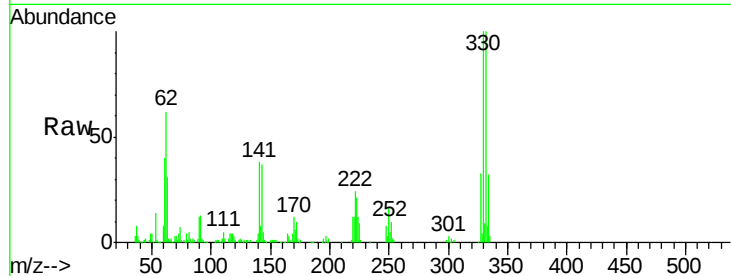




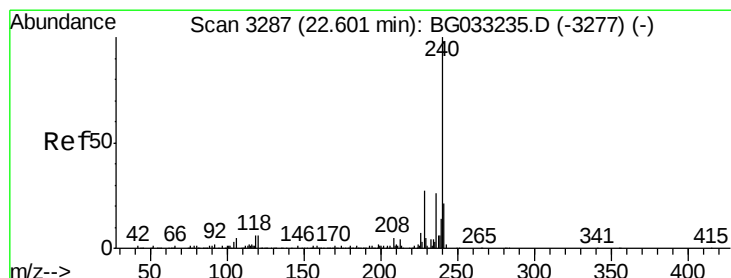
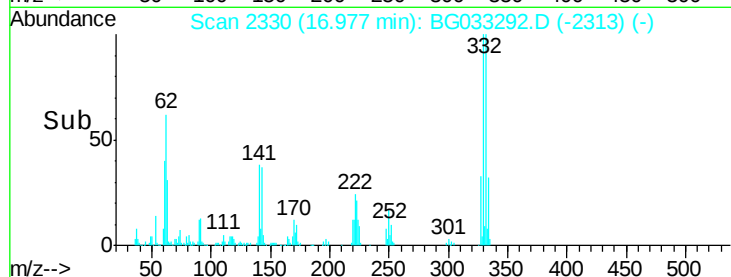
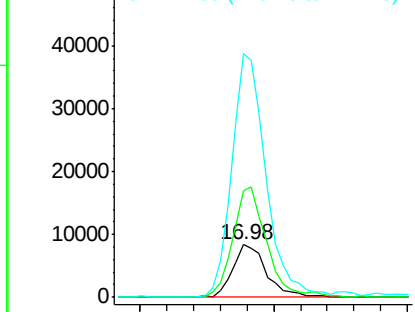
#66
4-Bromophenyl-phenylether
Concen: 3.706 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14721
Ion Ratio Lower Upper
248 100
250 201.9 77.1 115.7#
141 462.6 50.8 76.2#

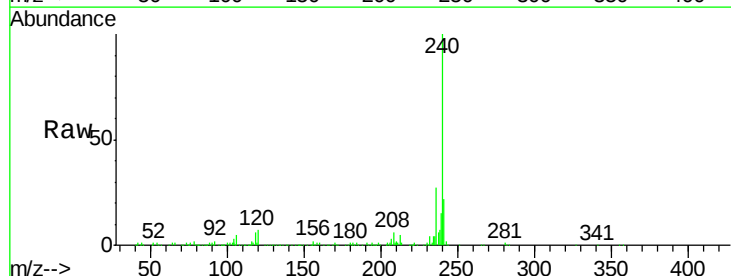


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

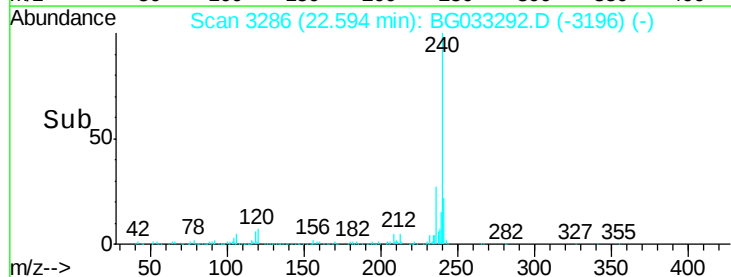
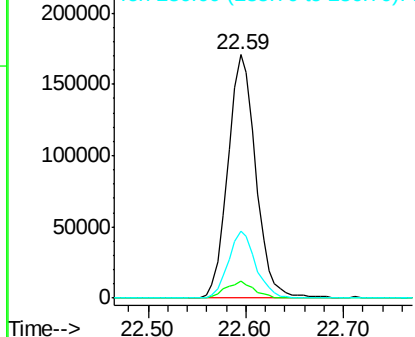


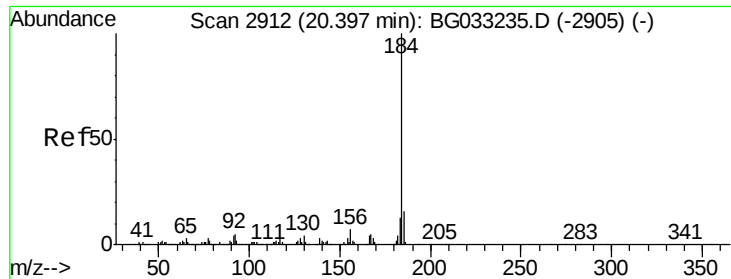
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Tgt Ion:240 Resp: 337580
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 27.5 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: 2.745 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.37 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

Instrument :

BNA_G

ClientSampleId :

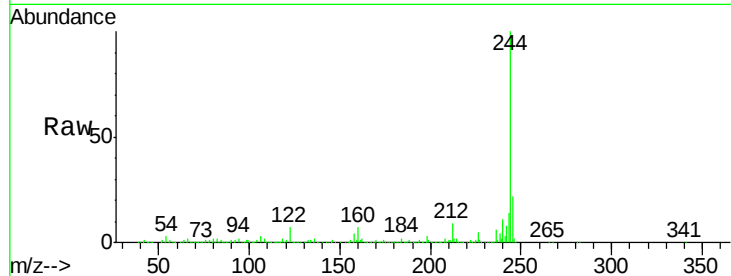
Tot Ion:184 Resp: 25134

Ion Ratio Lower Upper

184 100

185 17.8 11.1 16.7#

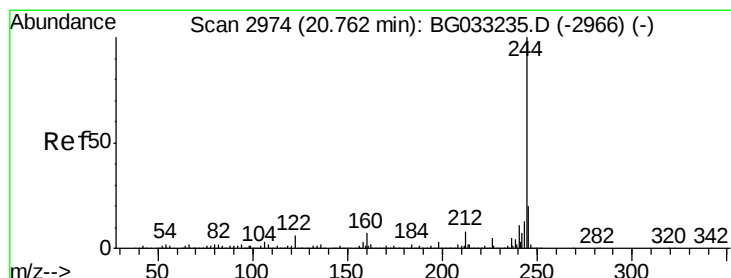
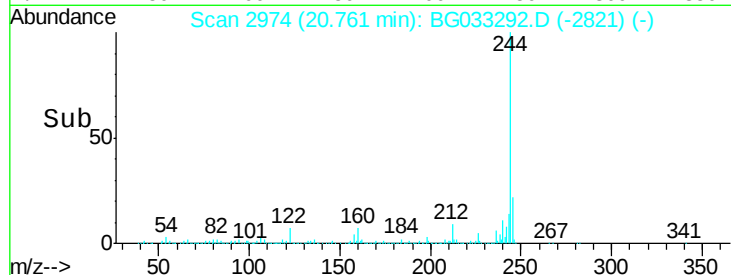
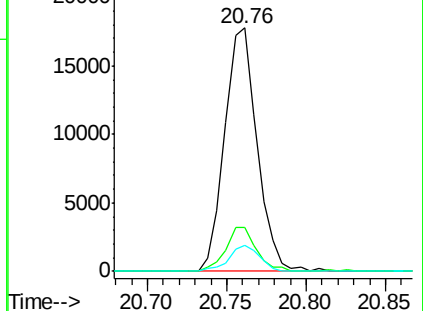
183 10.4 10.6 16.0#



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: 100.232 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033292.D

Acq: 22 Mar 2018 13:34

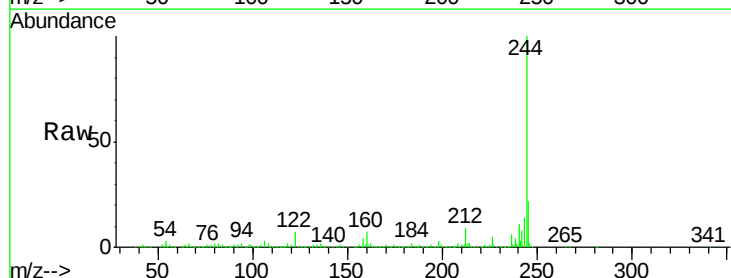
Tgt Ion:244 Resp: 1582174

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

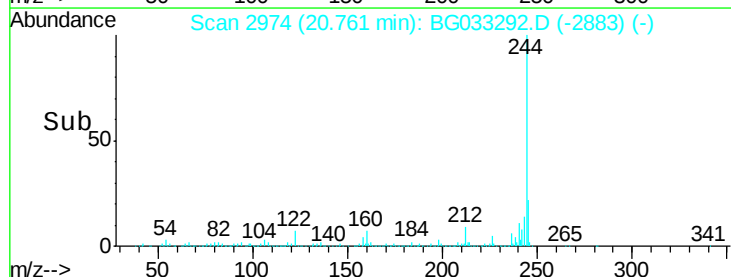
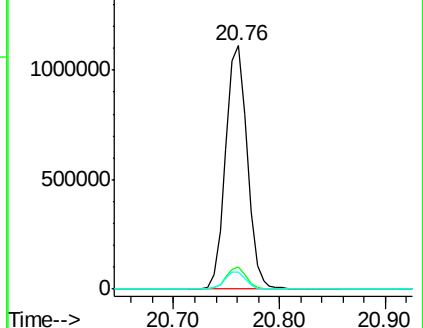
122 7.0 7.0 10.4

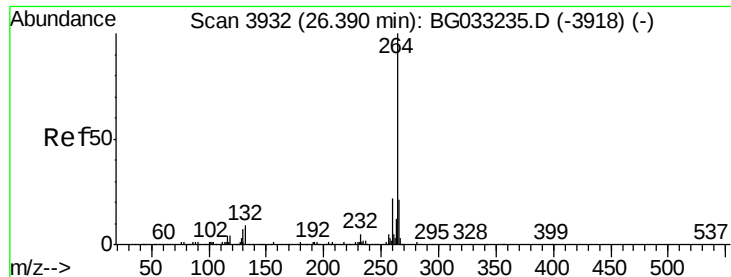


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

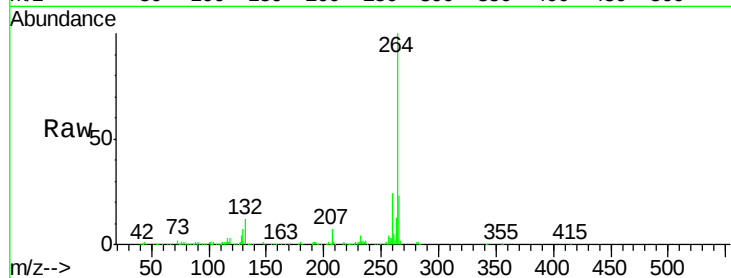




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3932
Delta R.T. 0.00 min
Lab File: BG033292.D
Acq: 22 Mar 2018 13:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.6	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

