

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033272.D
 Acq On : 20 Mar 2018 17:56
 Operator : SJ/JU
 Sample : J1980-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 18:33:50 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

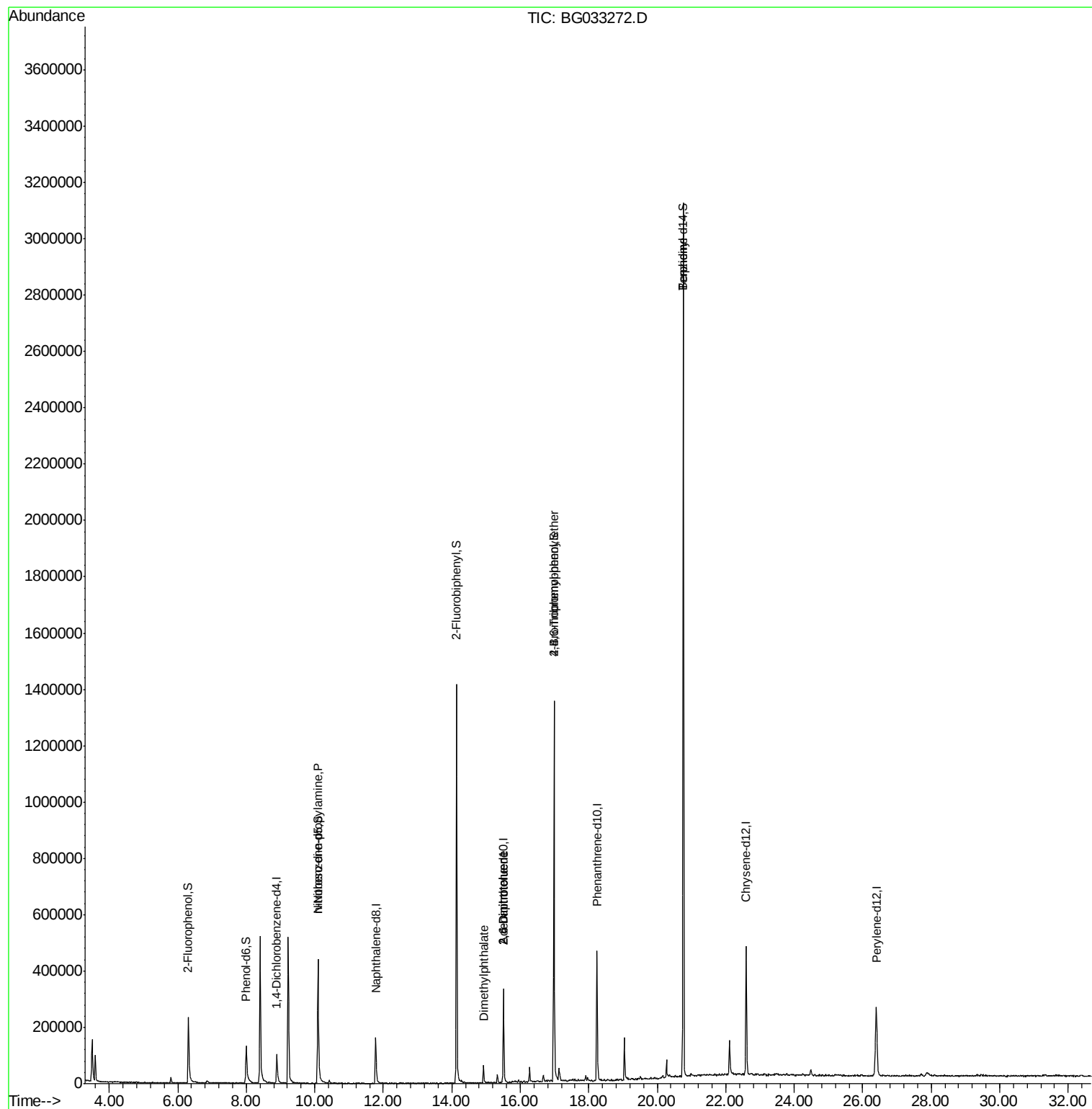
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	37191	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	163367	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	125356	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	322339	20.00	ng	0.00
75) Chrysene-d12	22.60	240	319559	20.00	ng	0.00
86) Perylene-d12	26.40	264	332292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	125175	63.11	ng	0.00
7) Phenol-d6	7.99	99	113055	33.17	ng	0.00
23) Nitrobenzene-d5	10.09	82	351757	98.93	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	274436	146.38	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	841043	96.86	ng	0.00
78) Terphenyl-d14	20.76	244	1513286	101.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.09	70	47662	19.086	ng	# 74
49) Dimethylphthalate	14.93	163	38735	3.551	ng	# 98
50) 2,6-Dinitrotoluene	15.51	165	16306	7.310	ng	# 21
56) 2,4-Dinitrotoluene	15.51	165	16307	4.965	ng	# 19
66) 4-Bromophenyl-phenylether	16.98	248	20996	5.546	ng	# 1
76) Benzidine	20.76	184	25817	2.979	ng	# 92

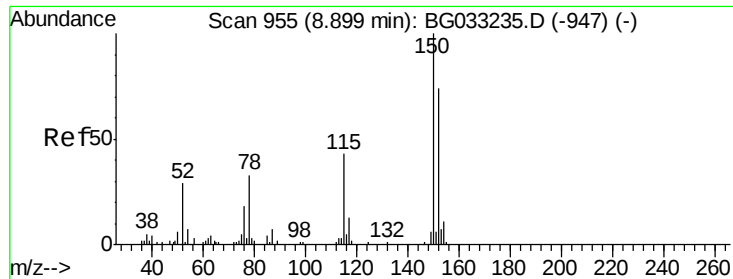
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032018\
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BNA_G
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Quant Time: Mar 20 18:33:50 2018
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Response via : Initial Calibration



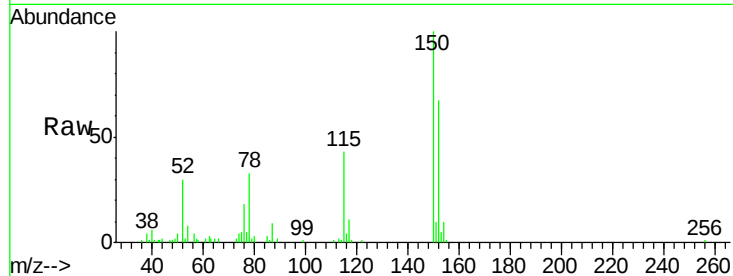


#1

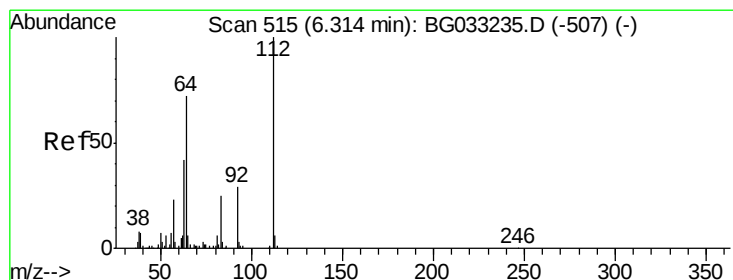
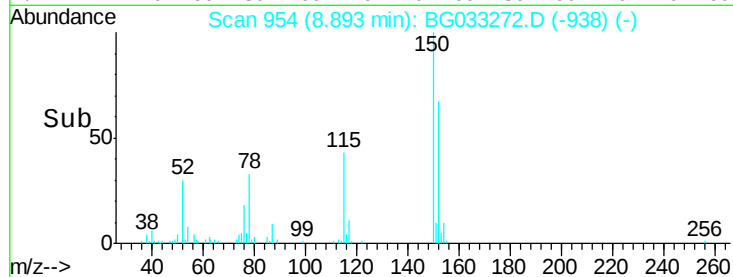
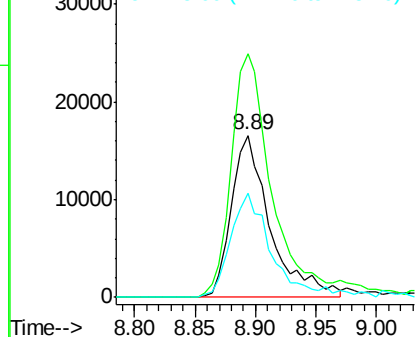
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37191
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 64.3 53.0 79.4



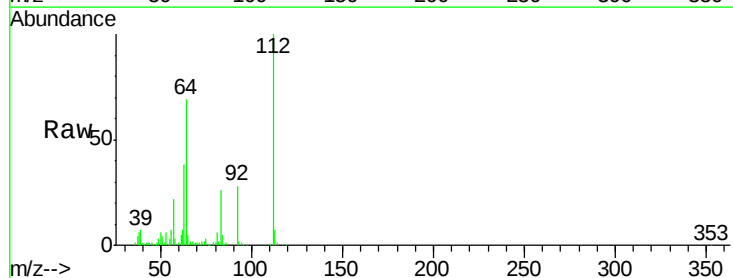
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



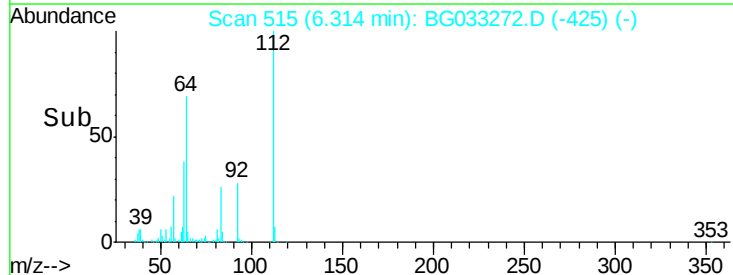
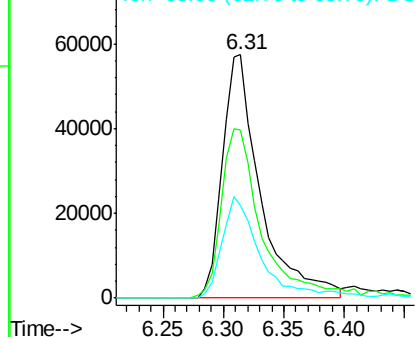
#5

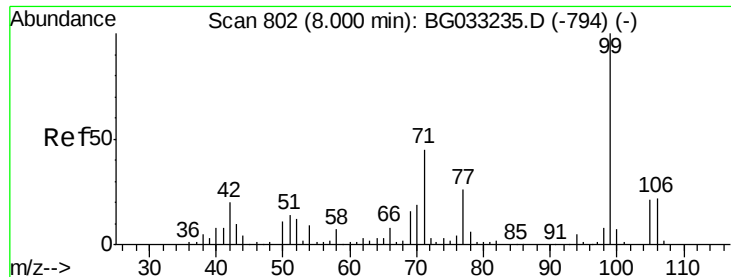
2-Fluorophenol
Concen: 63.112 ng
RT: 6.31 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

Tgt Ion:112 Resp: 125175
Ion Ratio Lower Upper
112 100
64 69.0 56.3 84.5
63 38.2 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: 33.175 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033272.D

Acq: 20 Mar 2018 17:56

Instrument :

BNA_G

ClientSampled :

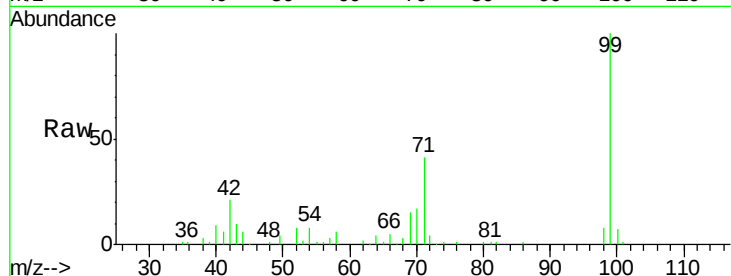
Tot Ion: 99 Resp: 113055

Ion Ratio Lower Upper

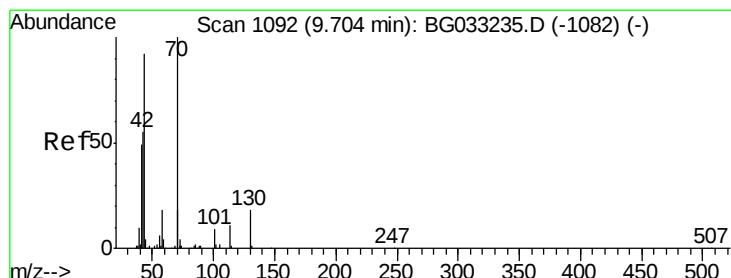
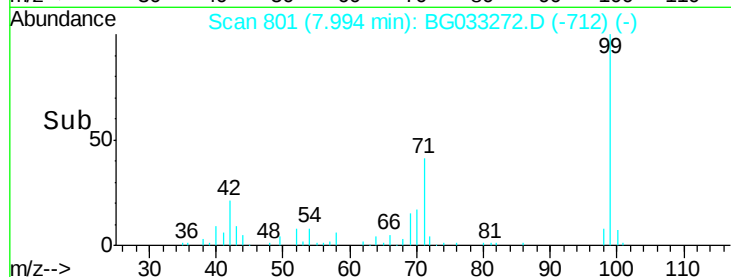
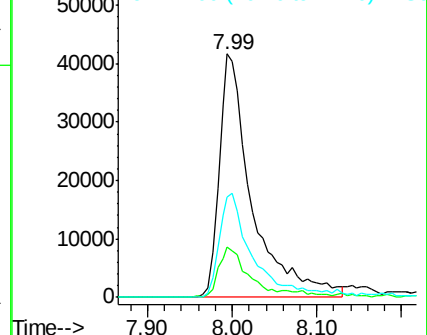
99 100

42 20.7 14.1 21.1

71 41.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 19.086 ng

RT: 10.09 min Scan# 1158

Delta R.T. 0.39 min

Lab File: BG033272.D

Acq: 20 Mar 2018 17:56

Tgt Ion: 70 Resp: 47662

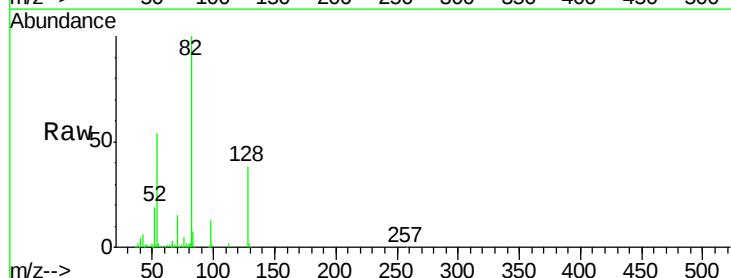
Ion Ratio Lower Upper

70 100

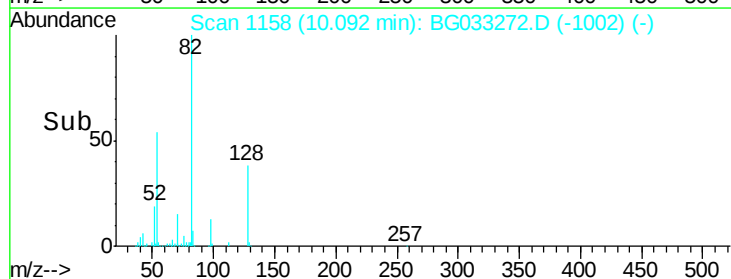
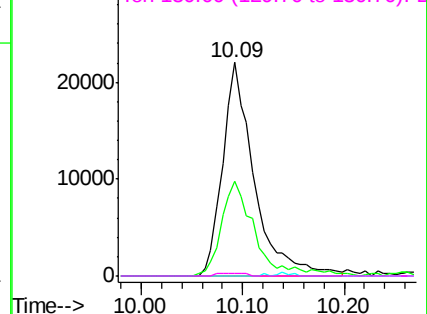
42 44.3 49.1 73.7#

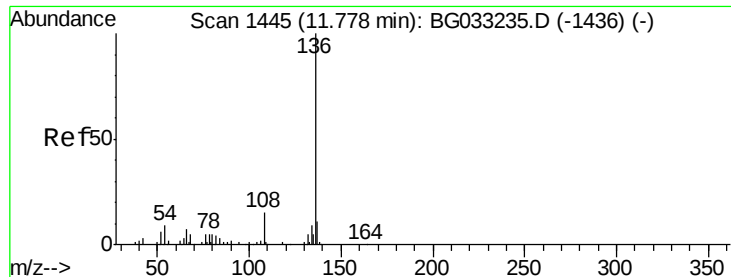
101 0.0 8.5 12.7#

130 1.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

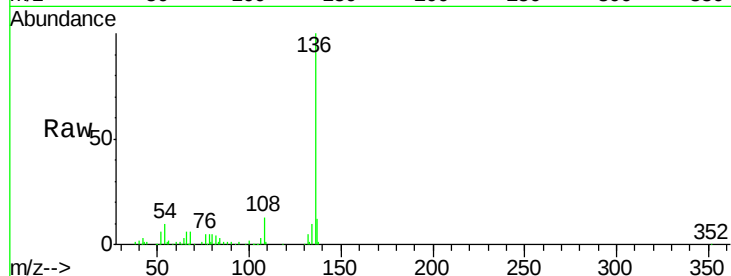




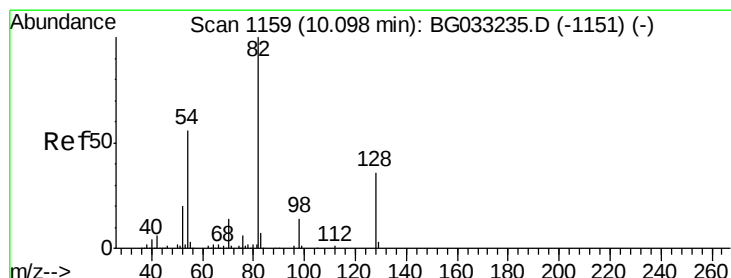
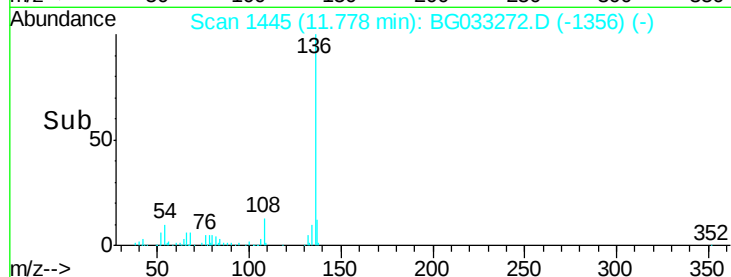
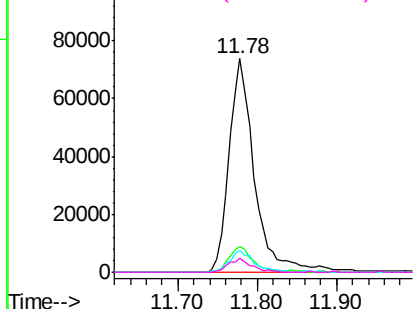
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	163367
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	10.3	10.3	15.5#
68	6.3	4.5	6.7

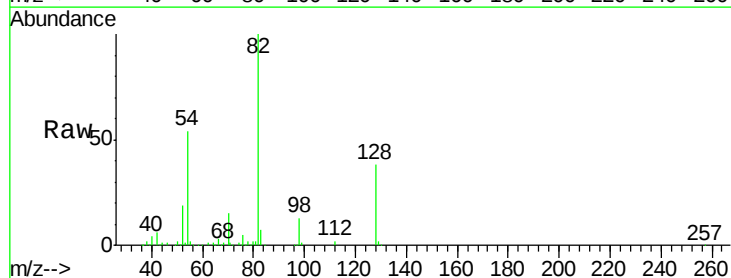


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

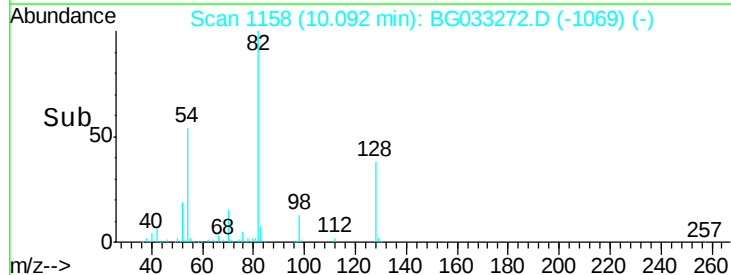
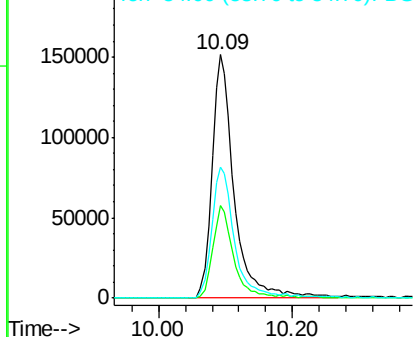


#23
Nitrobenzene-d5
Concen: 98.925 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

Tgt Ion:	82	Resp:	351757
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.7	44.5
54	53.9	43.1	64.7



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

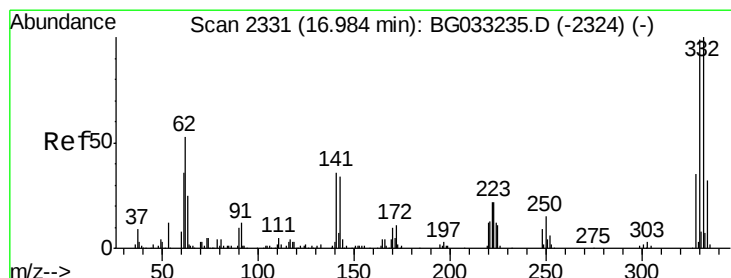
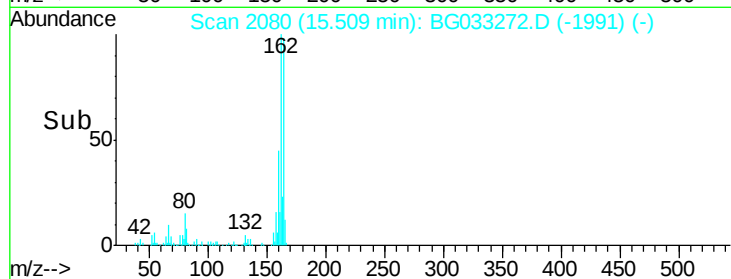
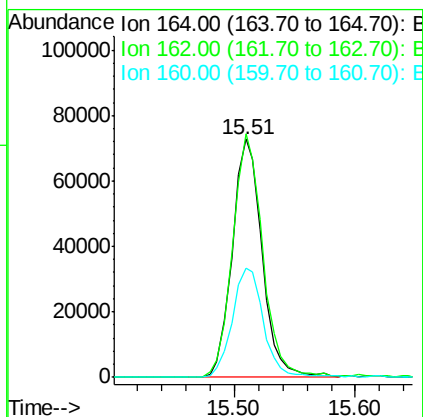
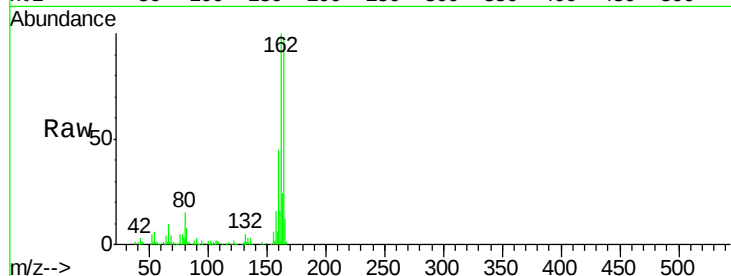




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

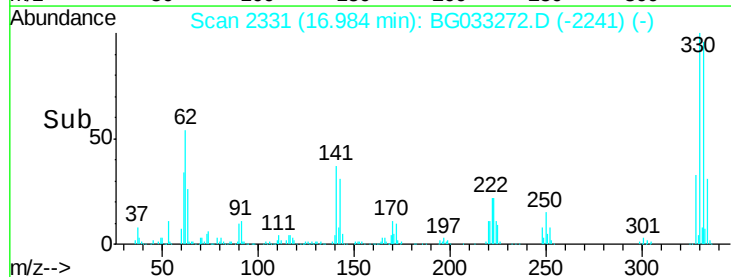
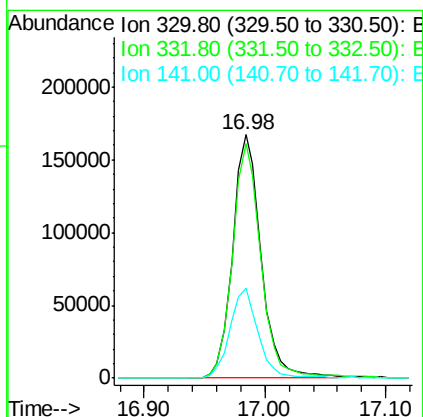
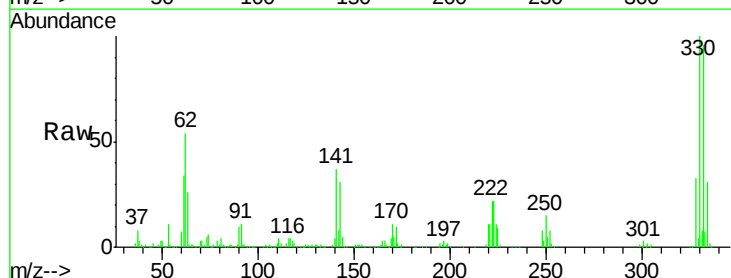
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	45.8	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 146.378 ng
RT: 16.98 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.8	25.2	37.8

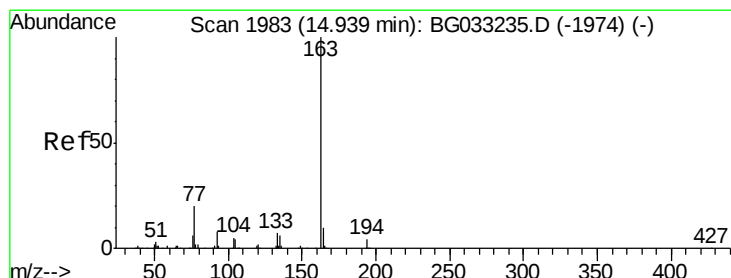
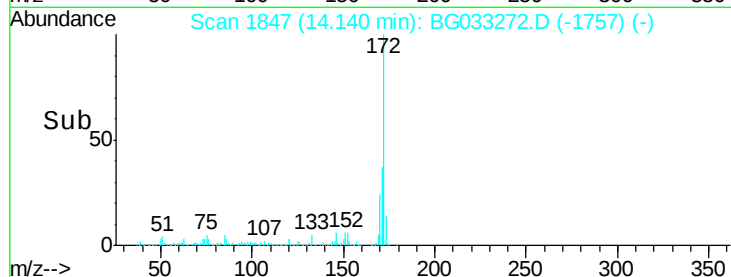
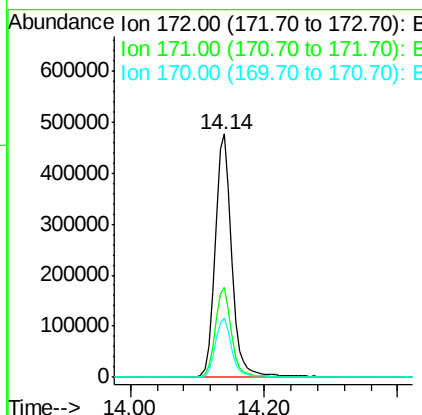
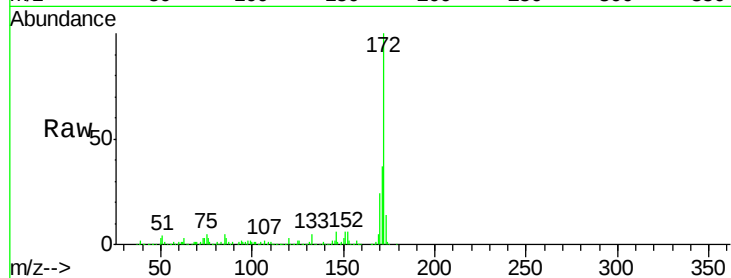




#44
2-Fluorobiphenyl
Concen: 96.857 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

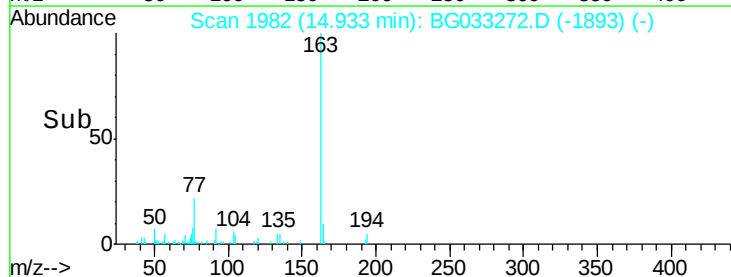
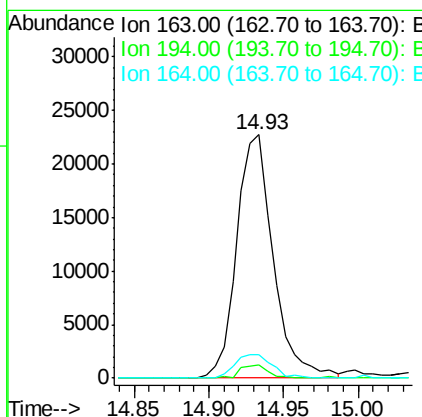
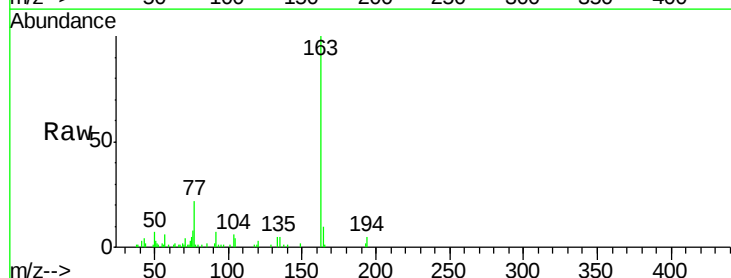
Instrument :
BNA_G
ClientSampleId :

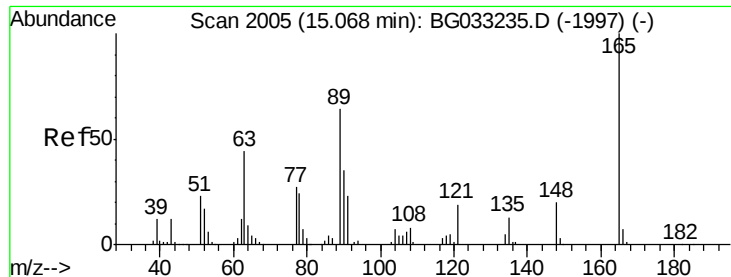
Tot Ion:172 Resp: 841043
Ion Ratio Lower Upper
172 100
171 36.9 30.0 45.0
170 24.3 19.5 29.3



#49
Dimethylphthalate
Concen: 3.551 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

Tgt Ion:163 Resp: 38735
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 9.6 8.2 12.4

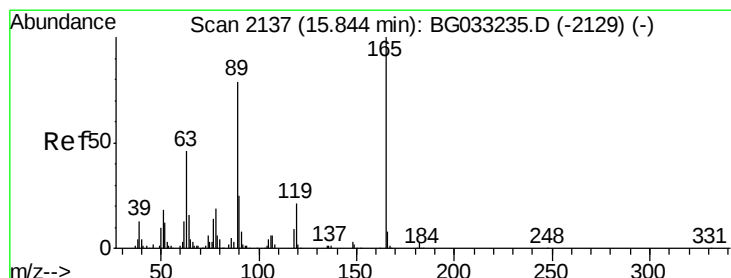
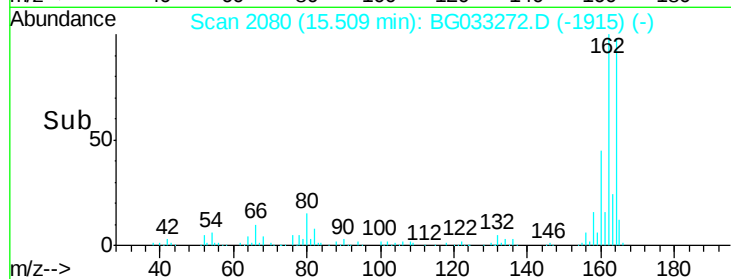
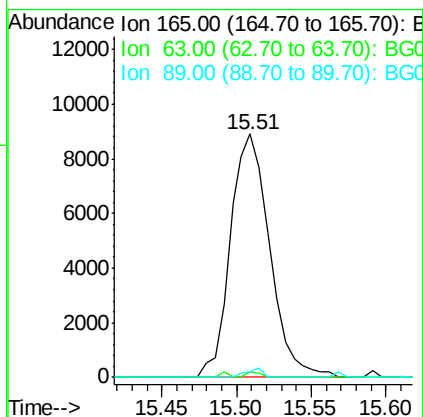
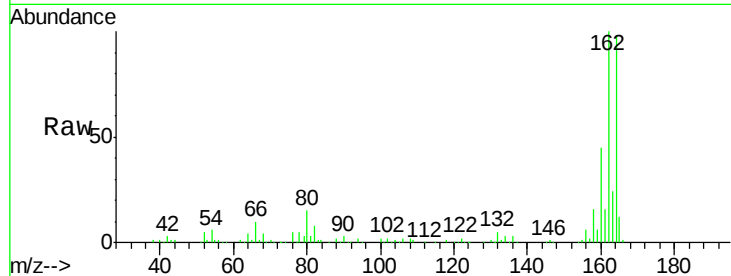




#50
2,6-Dinitrotoluene
Concen: 7.310 ng
RT: 15.51 min Scan# 2080
Delta R.T. 0.44 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

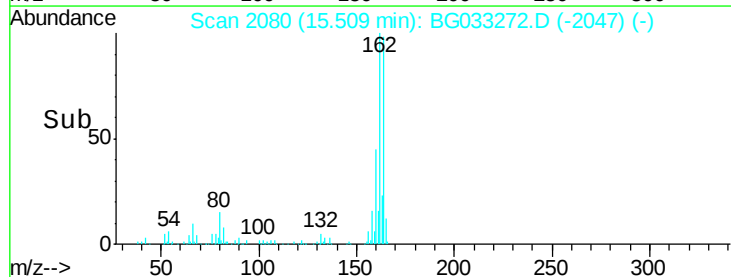
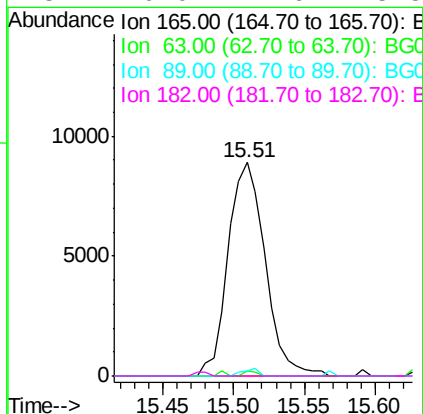
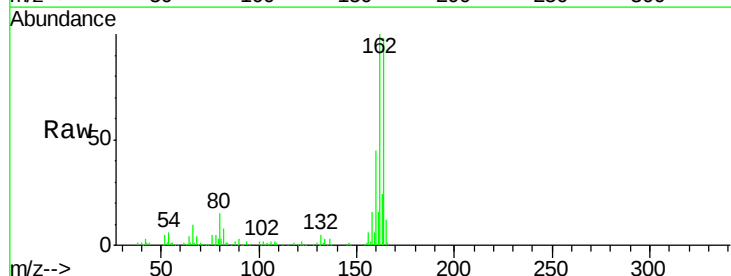
Instrument :
BNA_G
ClientSampleId :

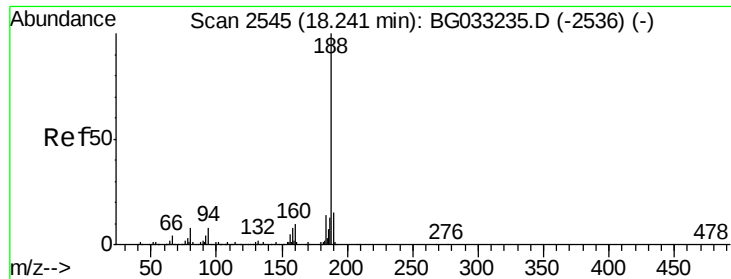
Tot Ion:165 Resp: 16306
Ion Ratio Lower Upper
165 100
63 2.3 52.7 79.1#
89 2.5 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 4.965 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.33 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

Tgt Ion:165 Resp: 16307
Ion Ratio Lower Upper
165 100
63 2.3 42.0 63.0#
89 2.5 66.9 100.3#
182 0.0 2.6 3.8#

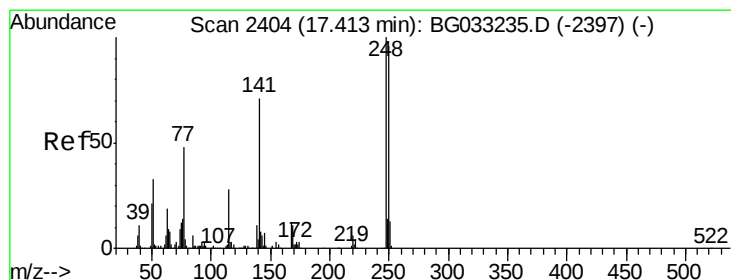
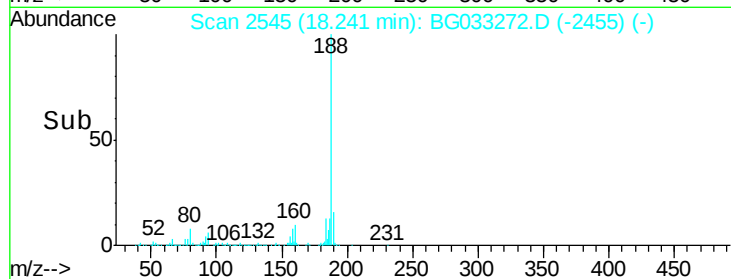
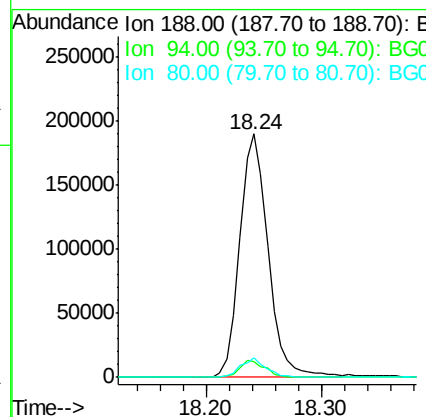
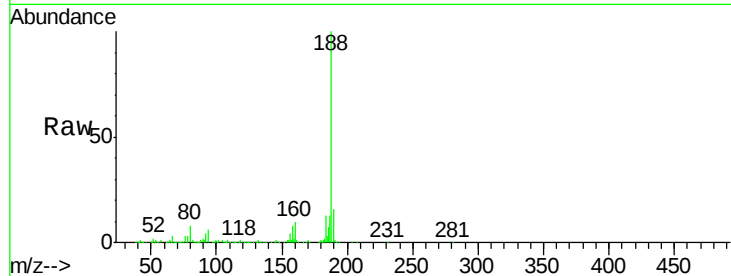




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

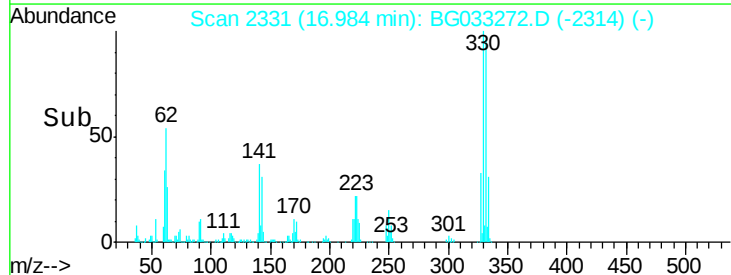
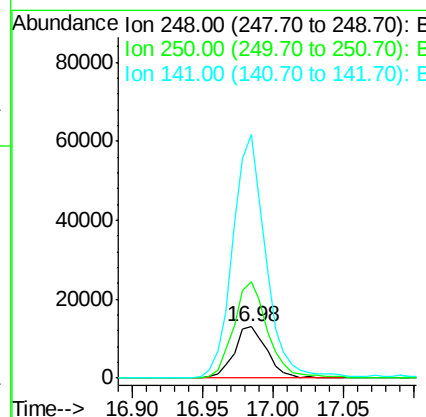
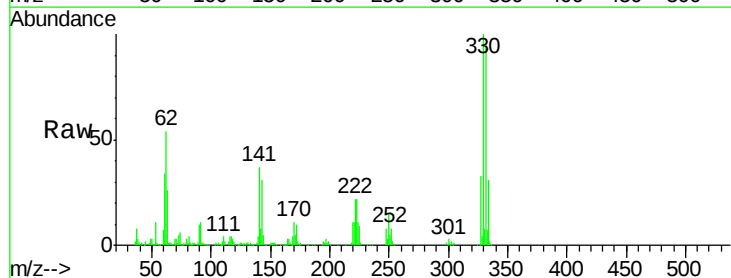
Instrument :
BNA_G
ClientSampled :

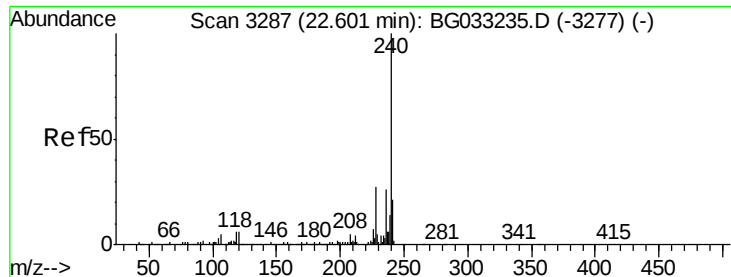
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	8.3	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 5.546 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033272.D
Acq: 20 Mar 2018 17:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	188.0	77.1	115.7#
141	472.1	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033272.D

Acq: 20 Mar 2018 17:56

Instrument :

BNA_G

ClientSampleId :

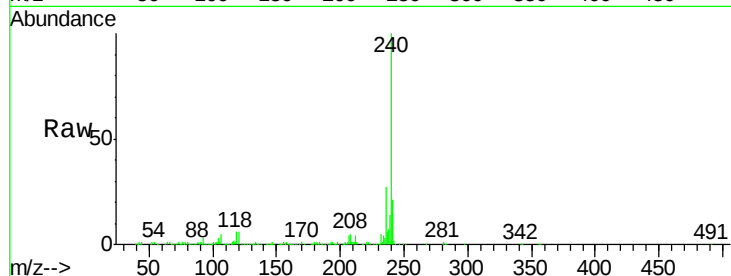
Tot Ion:240 Resp: 319559

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

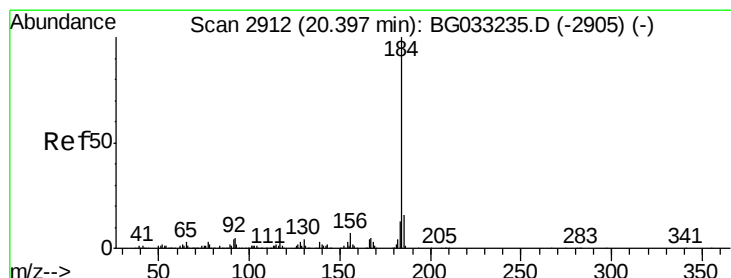
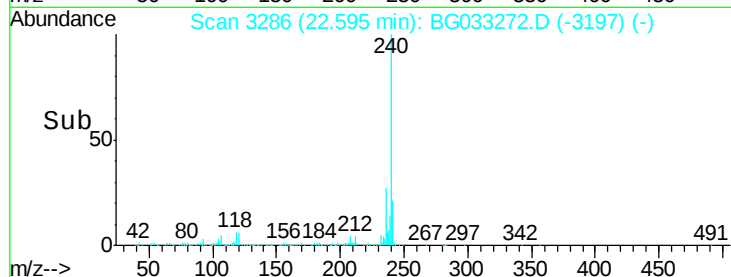
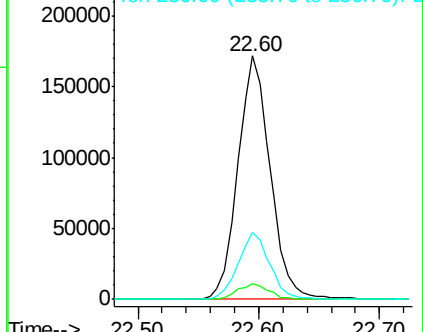
236 27.4 20.9 31.3



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: 2.979 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033272.D

Acq: 20 Mar 2018 17:56

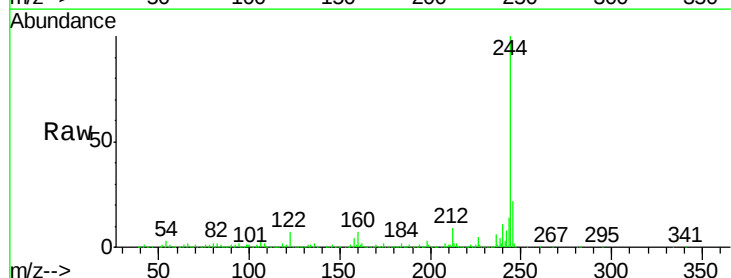
Tgt Ion:184 Resp: 25817

Ion Ratio Lower Upper

184 100

185 17.6 11.1 16.7#

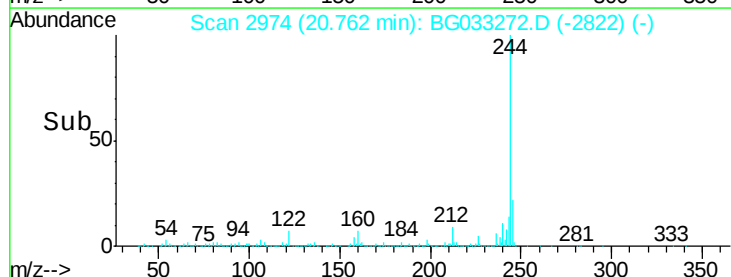
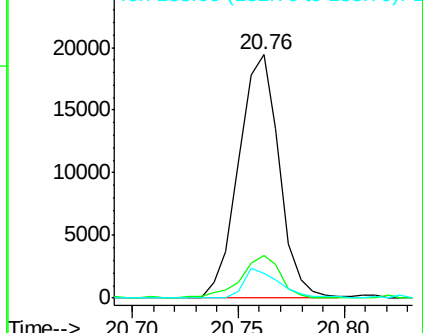
183 10.1 10.6 16.0#

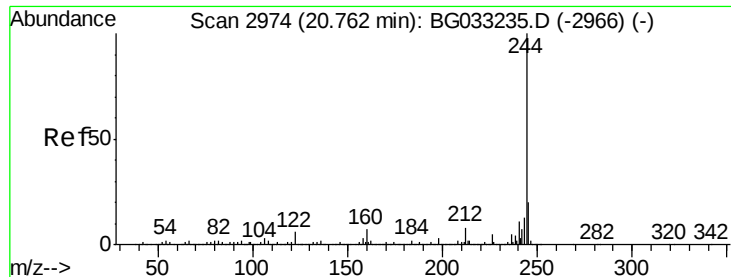


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 101.275 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033272.D

Acq: 20 Mar 2018 17:56

Instrument :

BNA_G

ClientSampleId :

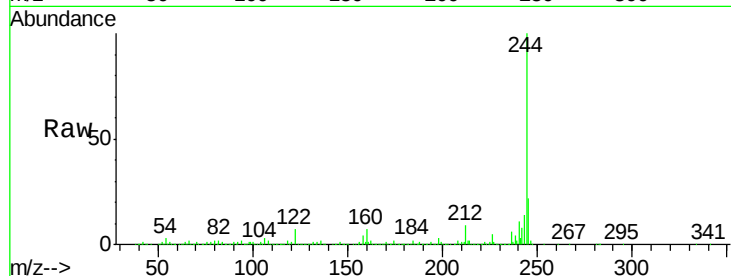
Tot Ion:244 Resp: 1513286

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

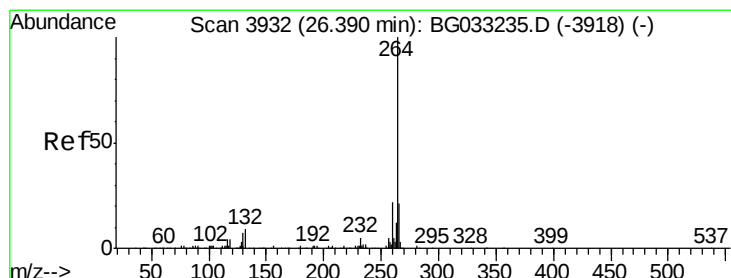
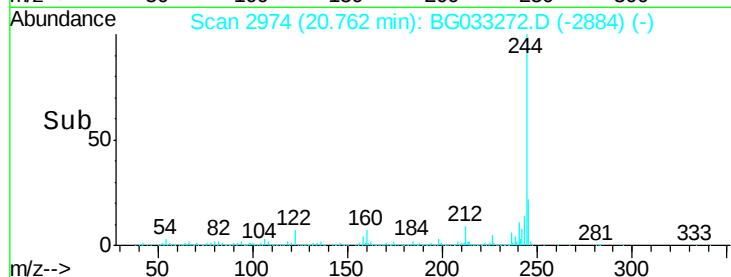
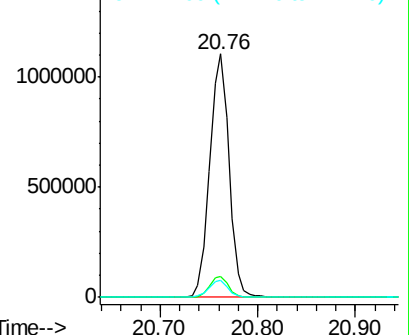
122 6.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3933

Delta R.T. 0.00 min

Lab File: BG033272.D

Acq: 20 Mar 2018 17:56

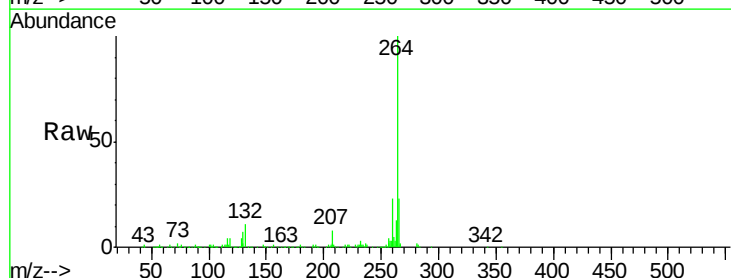
Tgt Ion:264 Resp: 332292

Ion Ratio Lower Upper

264 100

260 23.0 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

