

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034983.D
 Acq On : 8 Jun 2018 13:36
 Operator : SJ/JU
 Sample : J3323-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 15:33:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

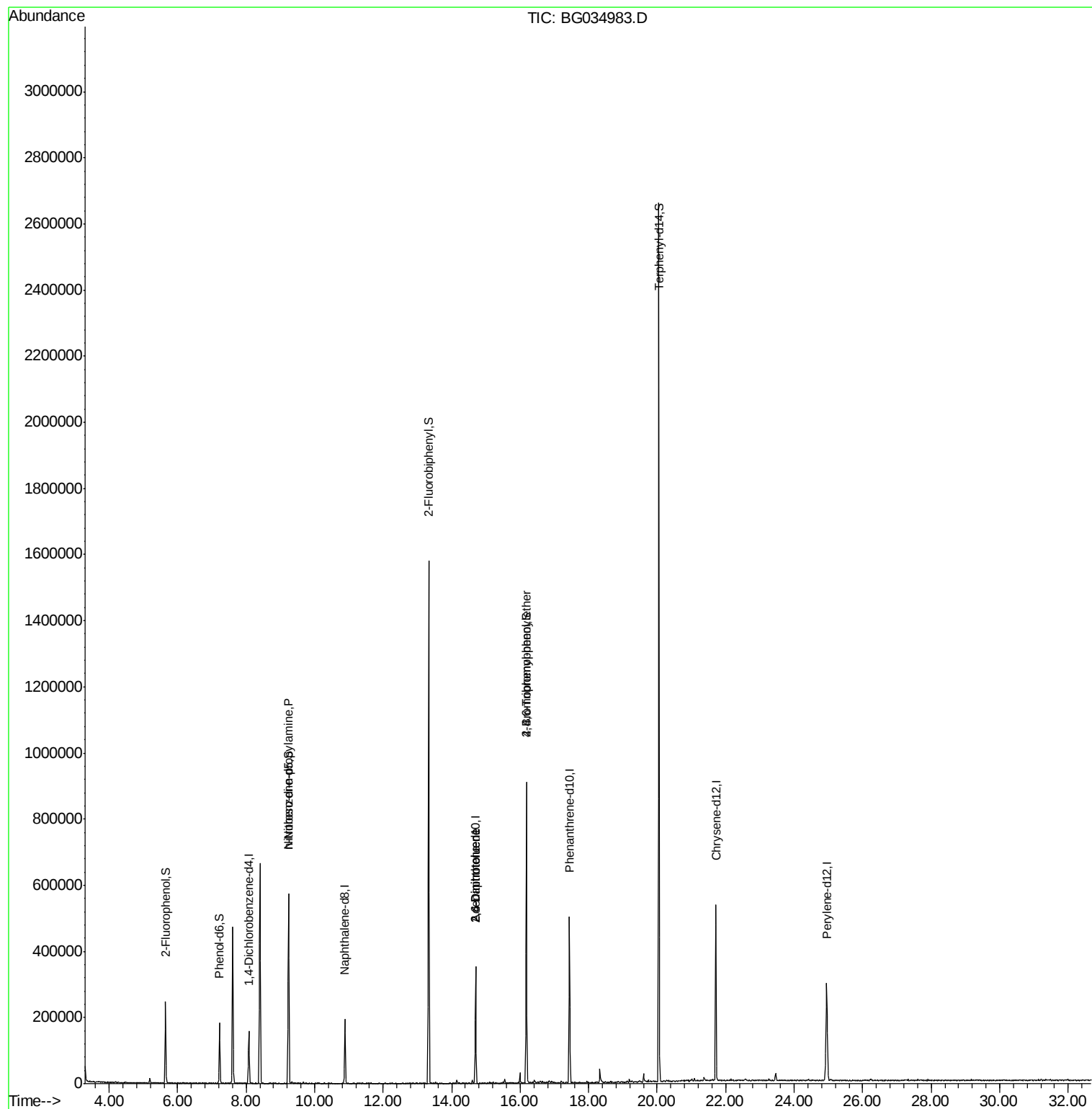
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41804	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	157563	20.00	ng	-0.02
38) Acenaphthene-d10	14.70	164	115535	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	299383	20.00	ng	0.00
75) Chrysene-d12	21.71	240	332750	20.00	ng	-0.02
86) Perylene-d12	24.95	264	322210	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	105804	42.71	ng	0.00
7) Phenol-d6	7.22	99	103081	28.19	ng	-0.02
23) Nitrobenzene-d5	9.23	82	365057	110.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	153177	103.57	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	853377	96.02	ng	0.00
78) Terphenyl-d14	20.05	244	1252612	78.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	51942	16.722	ng	# 66
50) 2,6-Dinitrotoluene	14.70	165	15514	8.441	ng	# 20
56) 2,4-Dinitrotoluene	14.70	165	15514	6.354	ng	# 17
66) 4-Bromophenyl-phenylether	16.18	248	12342	3.423	ng	# 1

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

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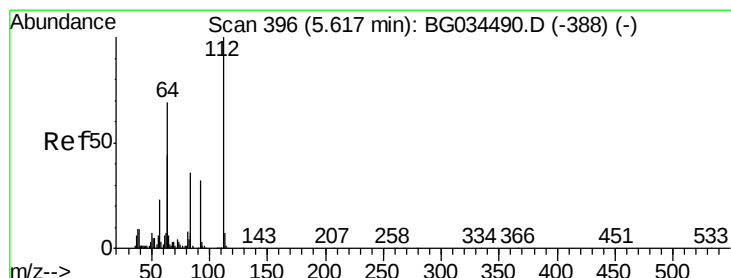
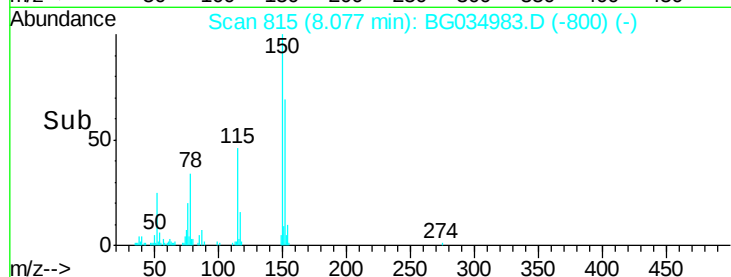
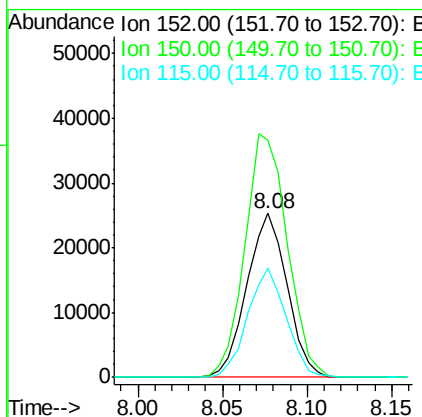
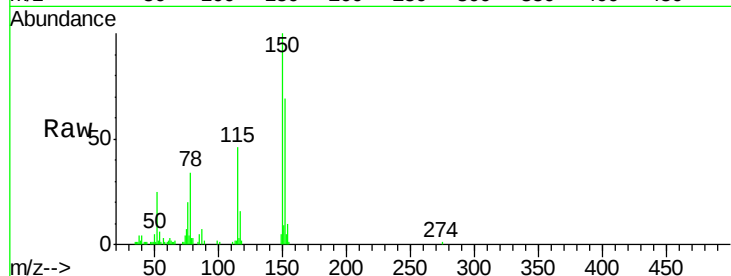


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Instrument :
BNA_G
ClientSampleId :

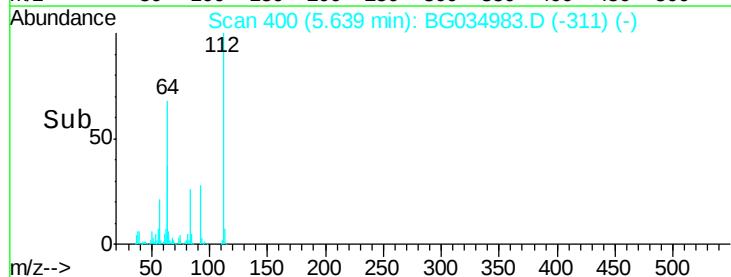
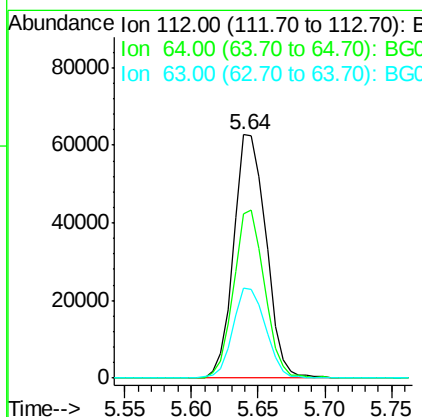
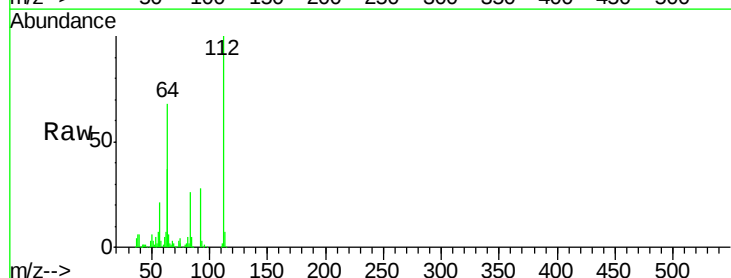
Tot Ion:152 Resp: 41804
Ion Ratio Lower Upper
152 100
150 144.6 126.6 189.8
115 66.6 53.0 79.4

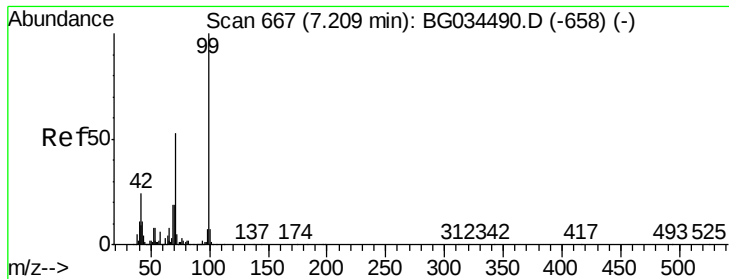


#5

2-Fluorophenol
Concen: 42.713 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Tgt Ion:112 Resp: 105804
Ion Ratio Lower Upper
112 100
64 67.5 56.3 84.5
63 36.7 30.1 45.1





#7

Phenol-d6

Concen: 28.194 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.02 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

Instrument :

BNA_G

ClientSampleId :

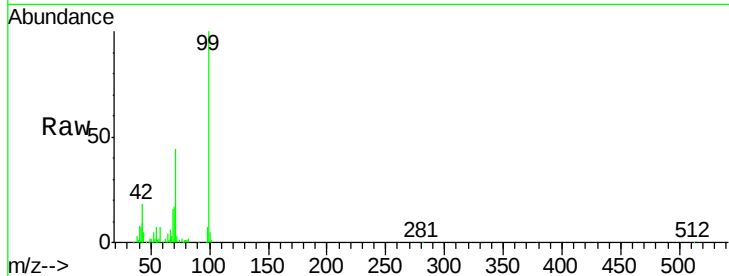
Tot Ion: 99 Resp: 103081

Ion Ratio Lower Upper

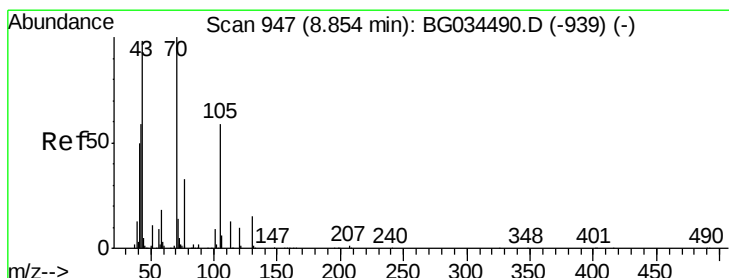
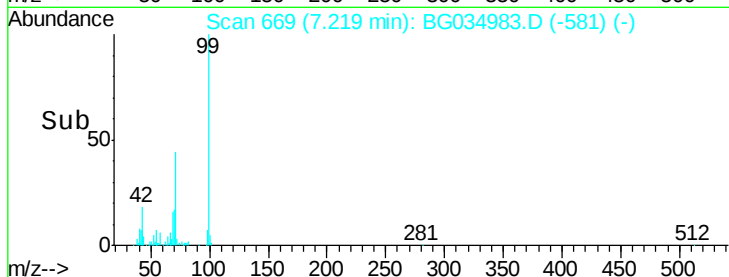
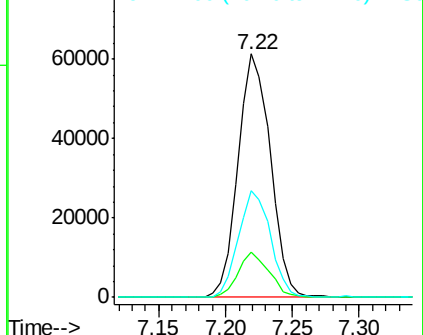
99 100

42 18.3 14.1 21.1

71 43.9 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: 16.722 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.34 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

Tgt Ion: 70 Resp: 51942

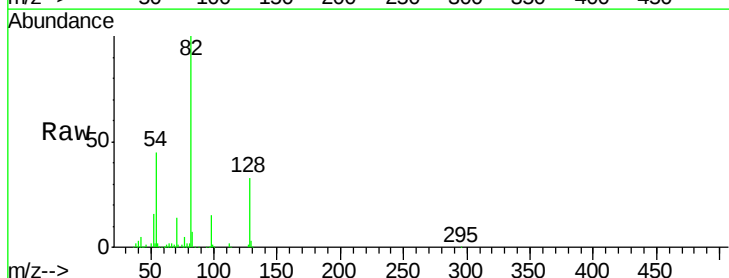
Ion Ratio Lower Upper

70 100

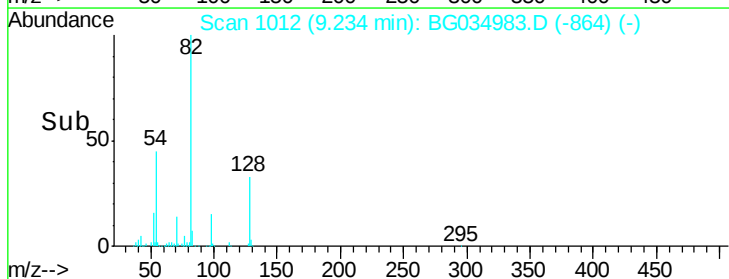
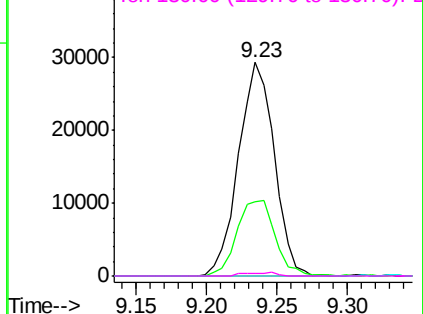
42 35.0 49.1 73.7#

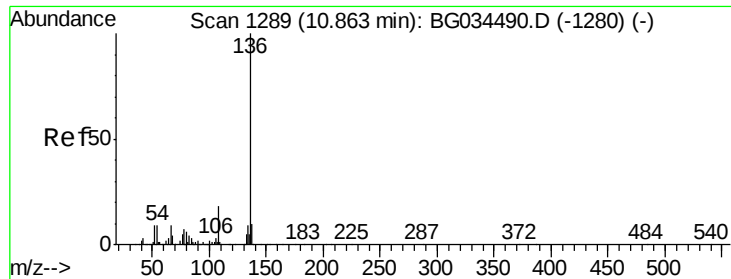
101 0.0 8.5 12.7#

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

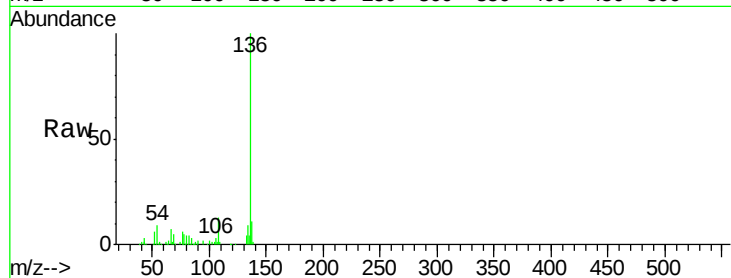




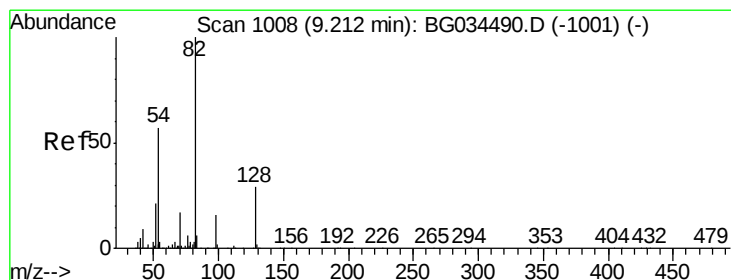
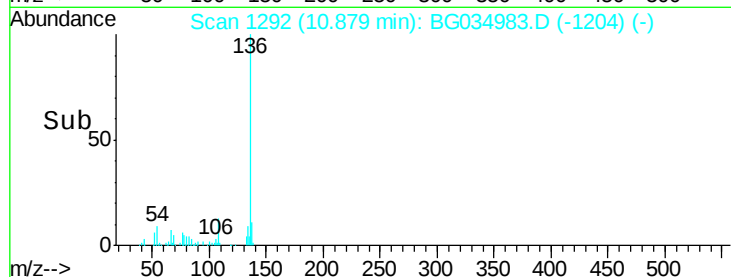
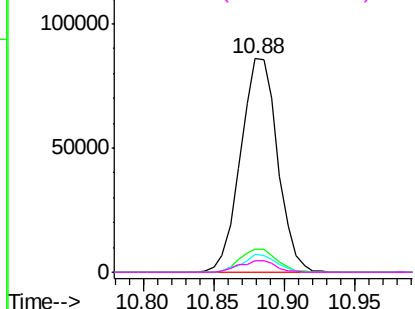
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	157563	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.2	13.8	
54 8.5	10.3	15.5#	
68 5.2	4.5	6.7	

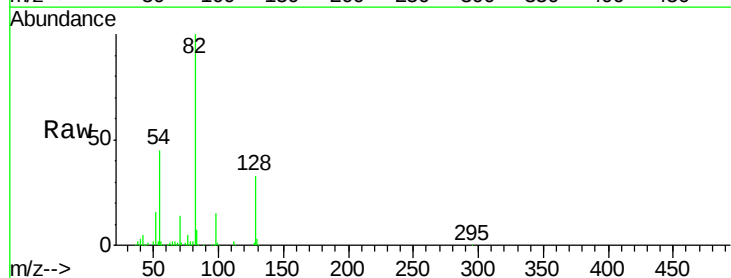


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

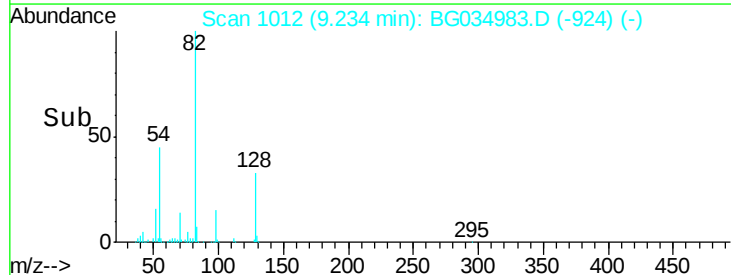
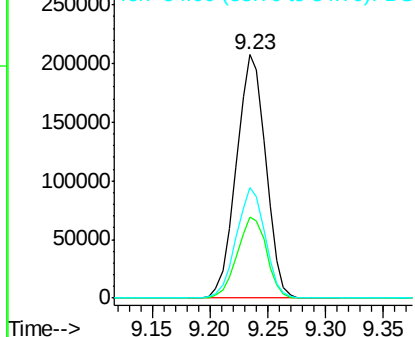


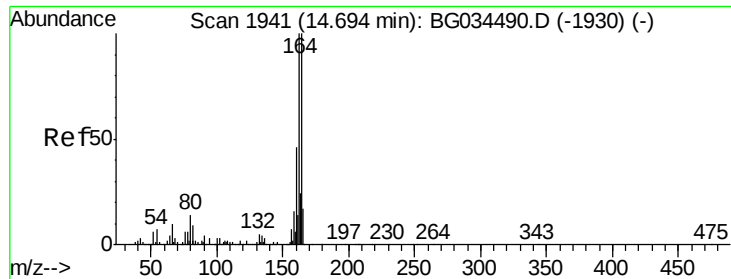
#23
Nitrobenzene-d5
Concen: 110.132 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Tgt	Ion: 82	Resp:	365057
Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	45.4	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

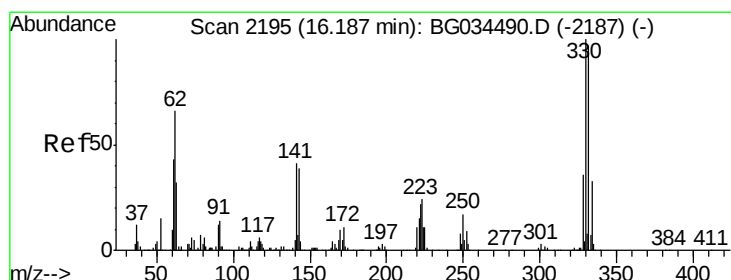
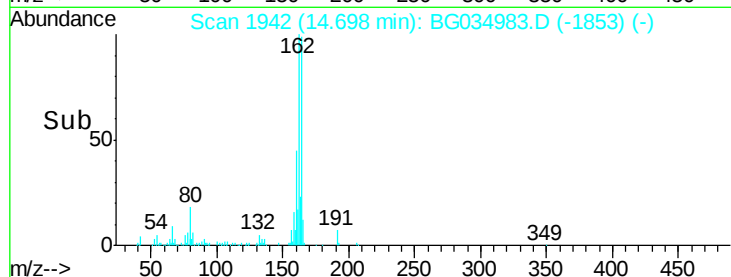
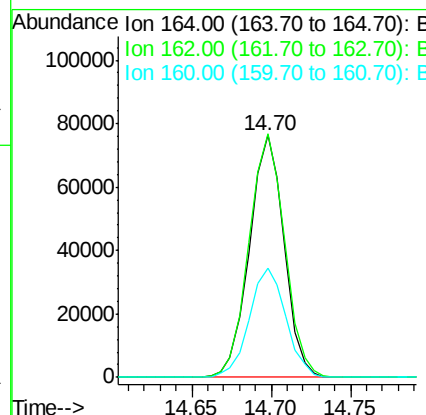
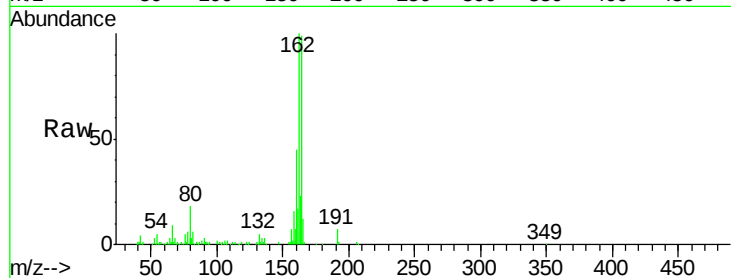




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BG034983.D
 Acq: 8 Jun 2018 13:36

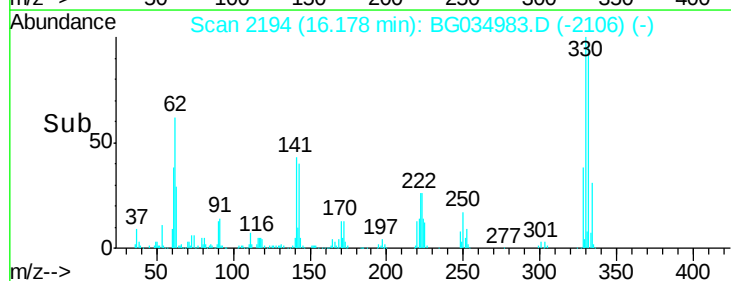
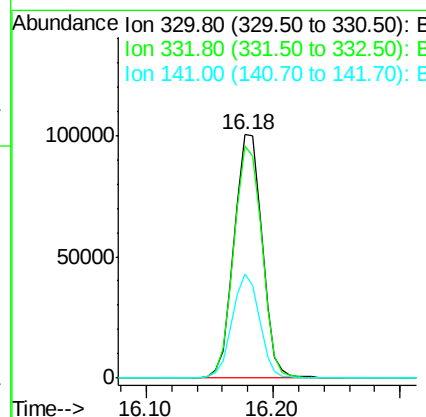
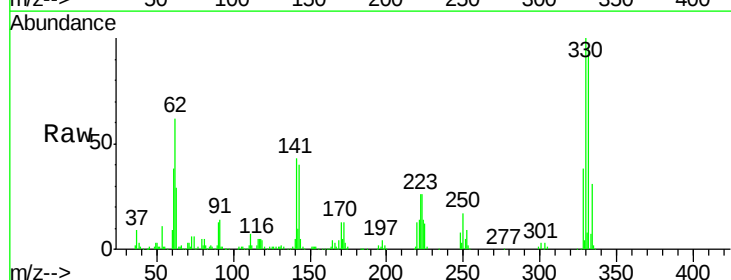
Instrument :
 BNA_G
 ClientSampled :

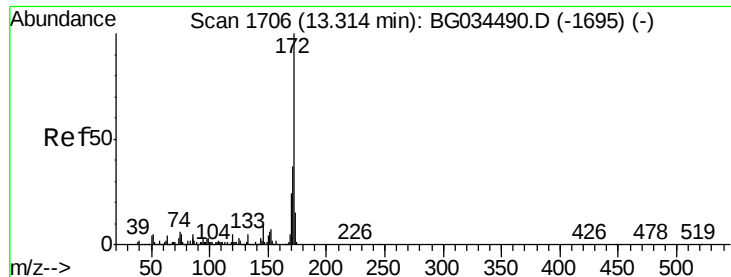
Tot Ion:164 Resp: 115535
 Ion Ratio Lower Upper
 164 100
 162 100.6 78.8 118.2
 160 45.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 103.568 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.02 min
 Lab File: BG034983.D
 Acq: 8 Jun 2018 13:36

Tgt Ion:330 Resp: 153177
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 41.7 25.2 37.8#

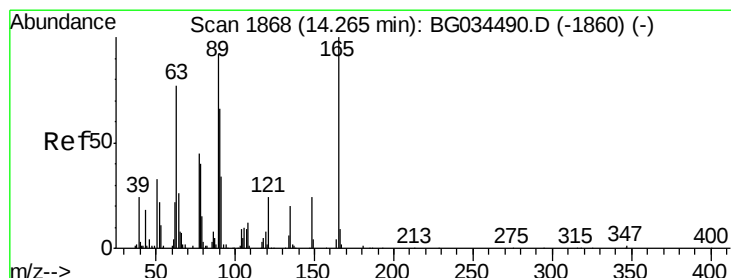
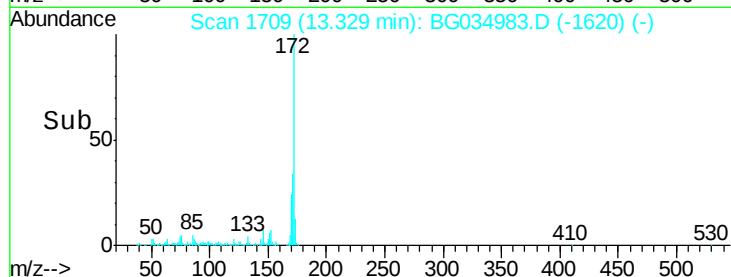
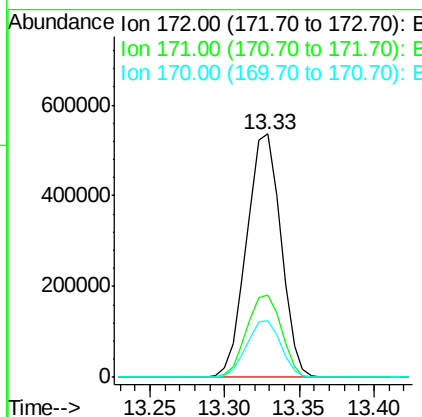
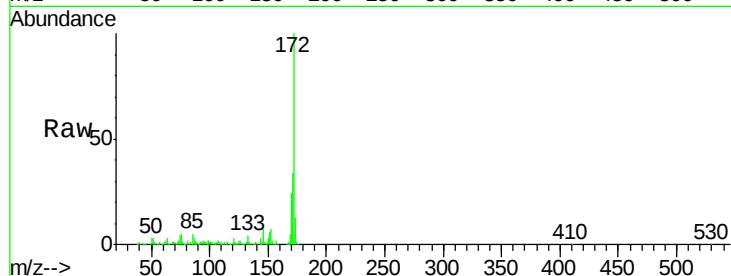




#44
2-Fluorobiphenyl
Concen: 96.022 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

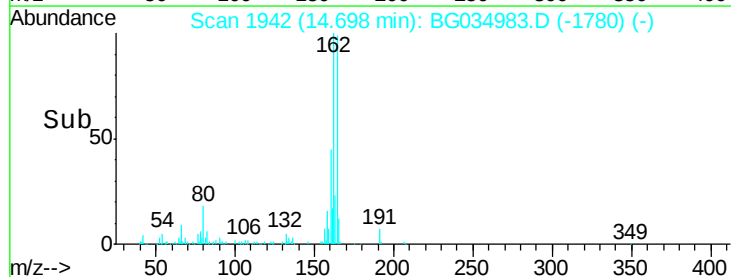
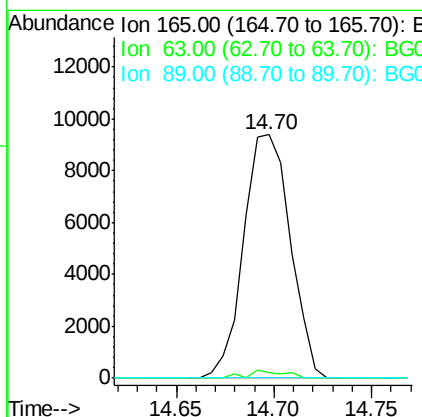
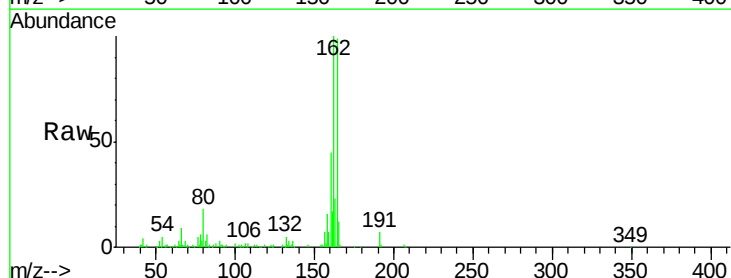
Instrument :
BNA_G
ClientSampleId :

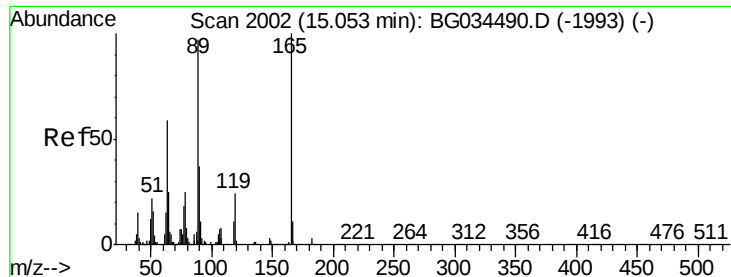
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.5	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 8.441 ng
RT: 14.70 min Scan# 1942
Delta R.T. 0.42 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	52.7	79.1#
89	0.0	49.2	73.8#

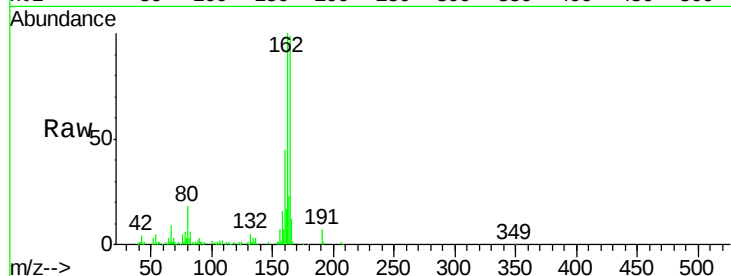




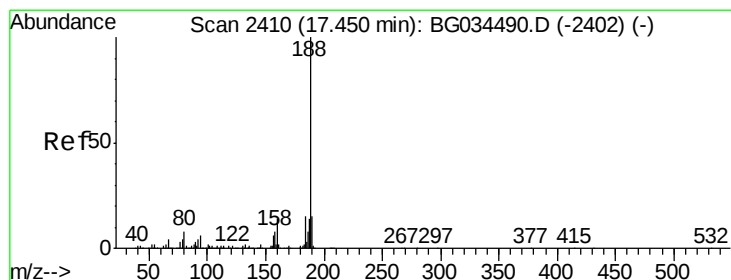
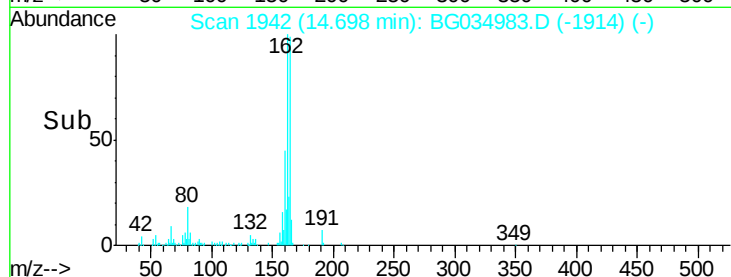
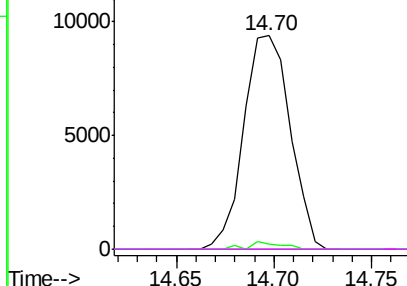
#56
2,4-Dinitrotoluene
Concen: 6.354 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.37 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 15514
Ion Ratio Lower Upper
165 100
63 2.2 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

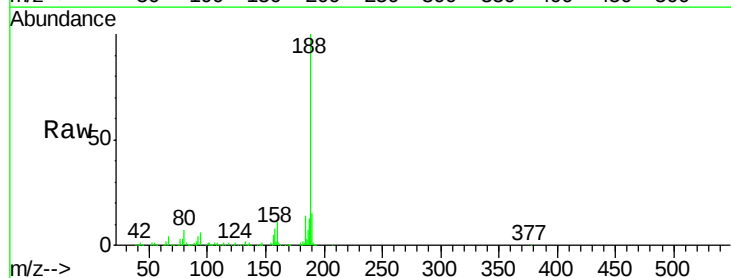


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

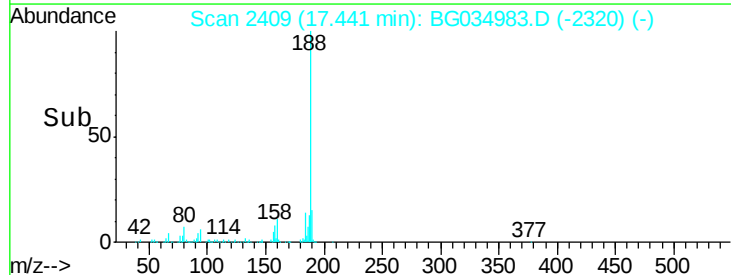
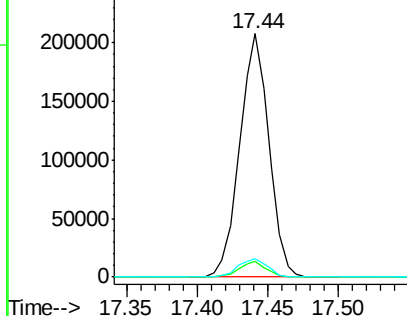


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034983.D
Acq: 8 Jun 2018 13:36

Tgt Ion:188 Resp: 299383
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.4 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

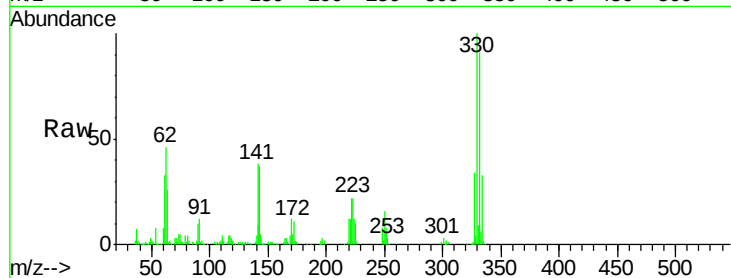




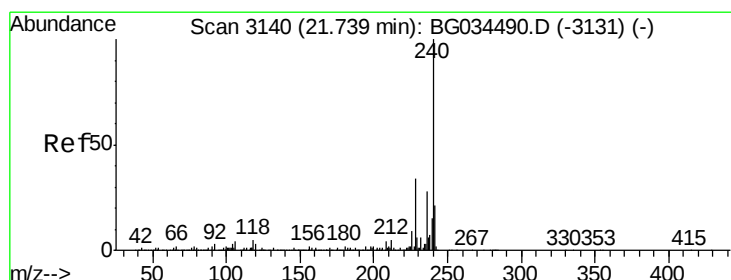
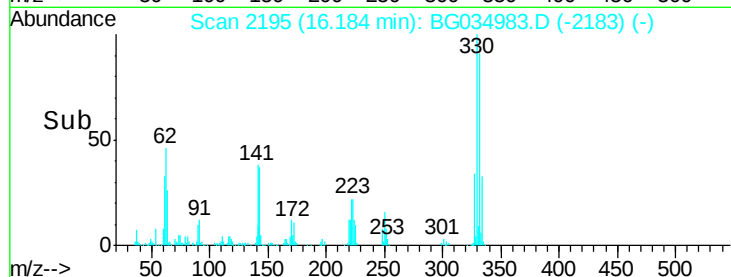
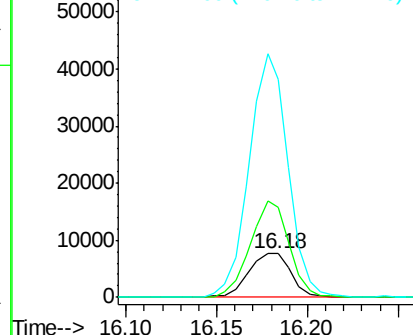
#66
 4-Bromophenyl-phenylether
 Concen: 3.423 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. -0.46 min
 Lab File: BG034983.D
 Acq: 8 Jun 2018 13:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12342
 Ion Ratio Lower Upper
 248 100
 250 204.8 77.1 115.7#
 141 498.9 50.8 76.2#

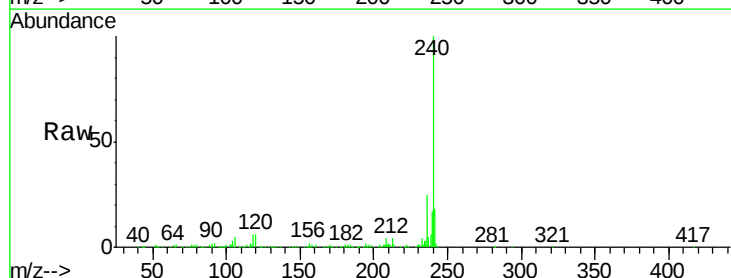


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

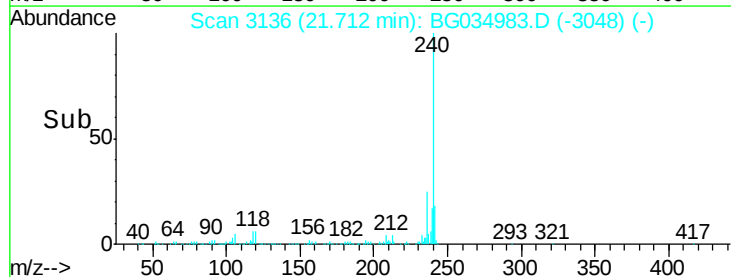
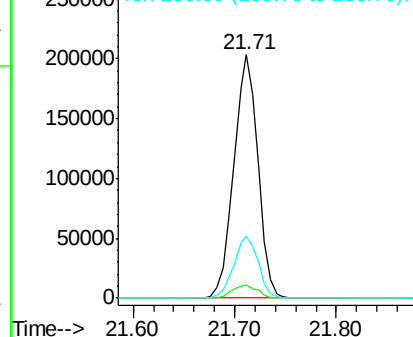


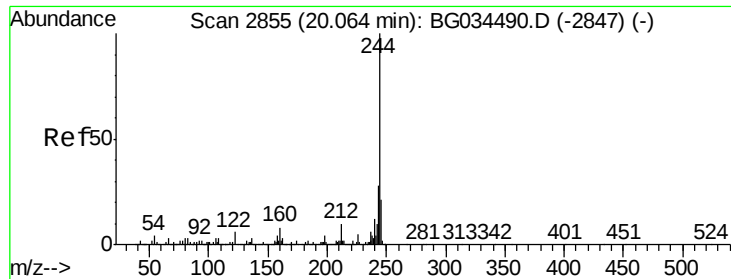
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG034983.D
 Acq: 8 Jun 2018 13:36

Tgt Ion:240 Resp: 332750
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.3 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





#78

Terphenyl-d14

Concen: 78.852 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

Instrument :

BNA_G

ClientSampleId :

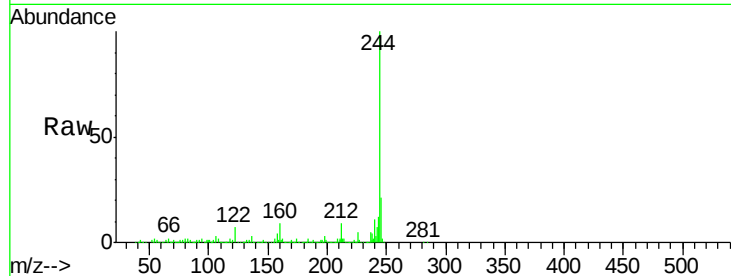
Tot Ion:244 Resp: 1252612

Ion Ratio Lower Upper

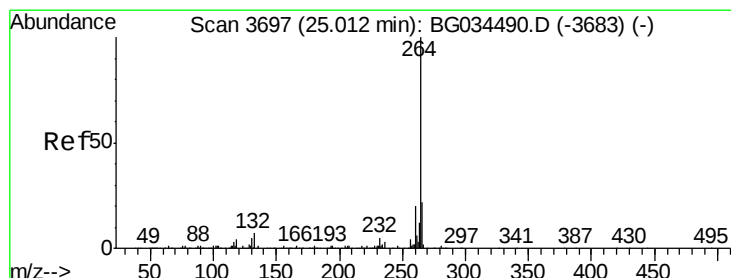
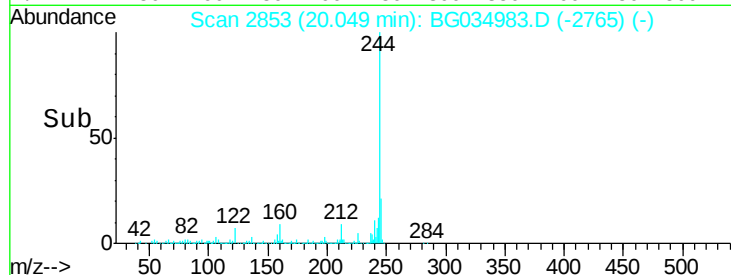
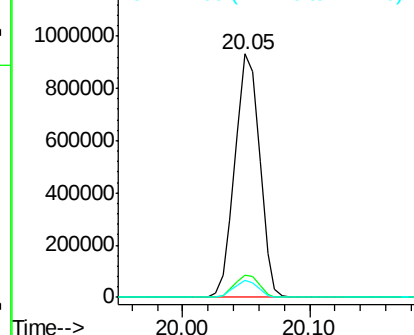
244 100

212 9.1 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

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.03 min

Lab File: BG034983.D

Acq: 8 Jun 2018 13:36

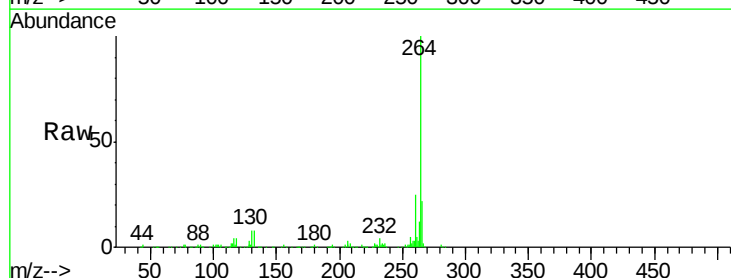
Tgt Ion:264 Resp: 322210

Ion Ratio Lower Upper

264 100

260 25.1 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

