

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040498.D
 Acq On : 16 Apr 2019 3:00
 Operator : JU/SJ
 Sample : K2397-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 04:12:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

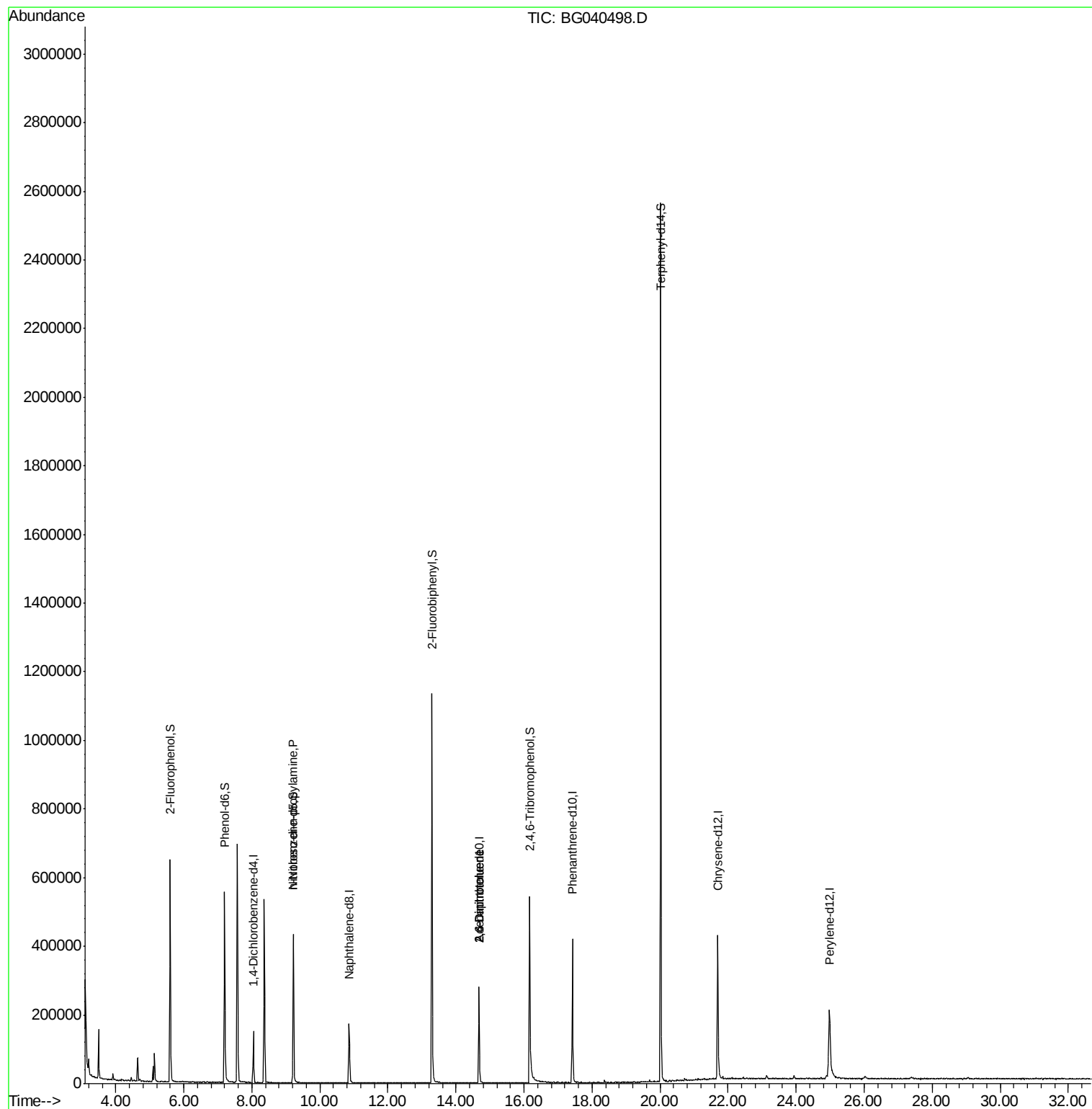
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42320	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	162404	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	101453	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	282738	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	289323	20.00	ng	-0.04
87) Perylene-d12	24.98	264	293904	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	286440	112.52	ng	-0.02
7) Phenol-d6	7.20	99	349458	99.33	ng	-0.03
23) Nitrobenzene-d5	9.22	82	273871	89.64	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	125591	114.54	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	638401	93.24	ng	-0.03
79) Terphenyl-d14	20.02	244	1191202	92.62	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	34856	13.818	ng	# 72
51) 2,6-Dinitrotoluene	14.67	165	13219	7.415	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	13219	5.336	ng	# 24

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
Data File : BG040498.D
Acq On : 16 Apr 2019 3:00
Operator : JU/SJ
Sample : K2397-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 16 04:12:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



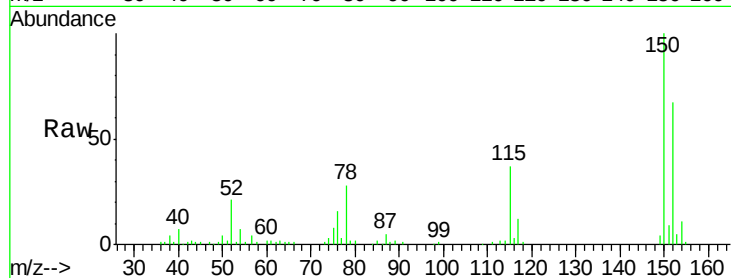


#1

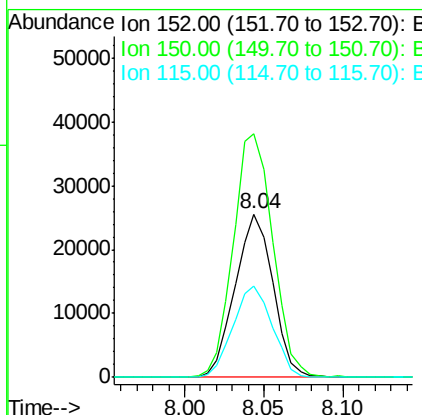
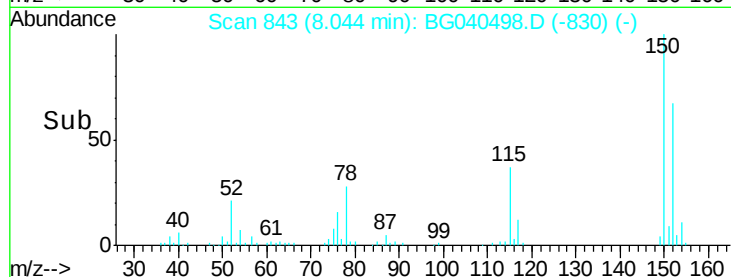
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040498.D
Acq: 16 Apr 2019 3:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42320
Ion Ratio Lower Upper
152 100
150 149.4 123.7 185.5
115 55.7 46.9 70.3



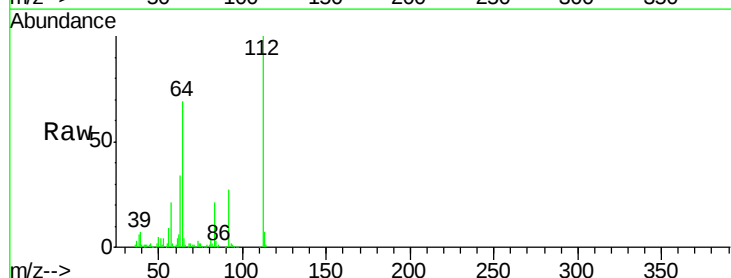
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



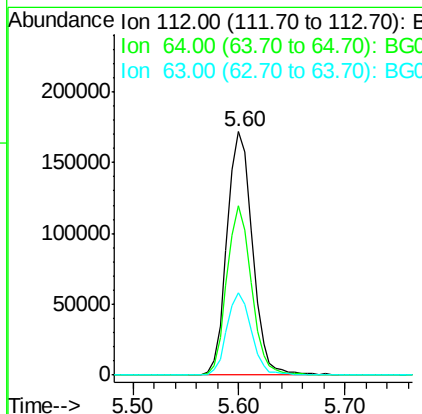
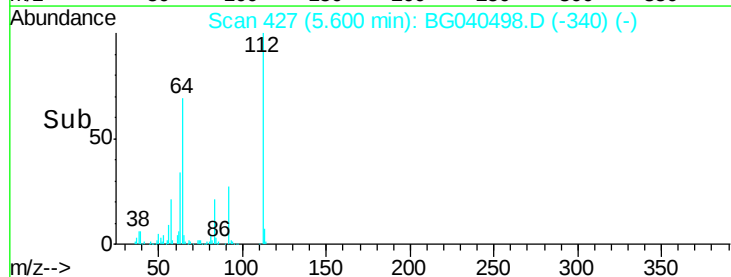
#5

2-Fluorophenol
Concen: 112.519 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040498.D
Acq: 16 Apr 2019 3:00

Tgt Ion:112 Resp: 286440
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.2
63 33.7 26.4 39.6



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: 99.329 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

Instrument :

BNA_G

ClientSampled :

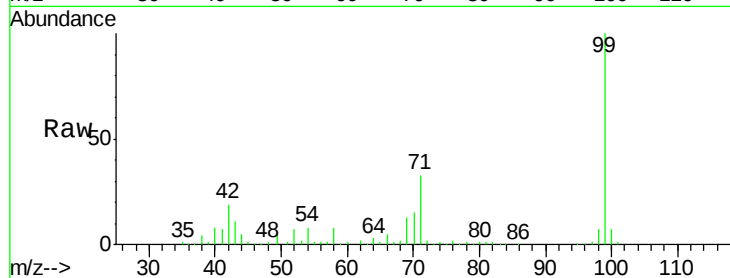
Tot Ion: 99 Resp: 349458

Ion Ratio Lower Upper

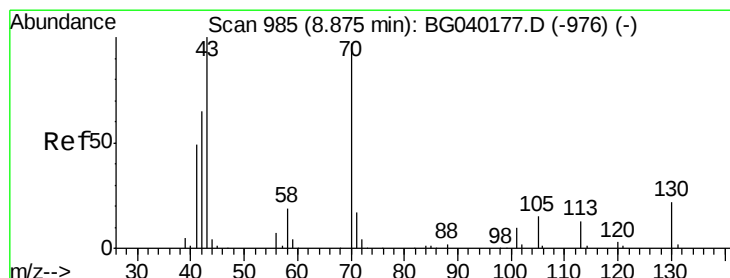
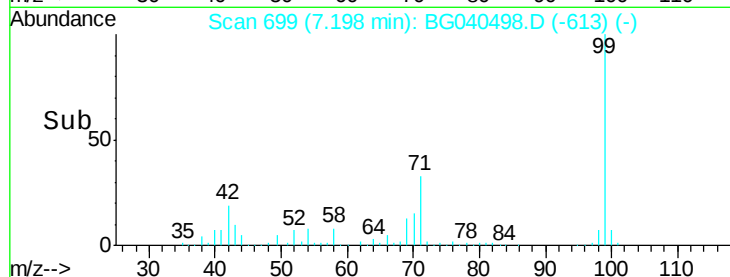
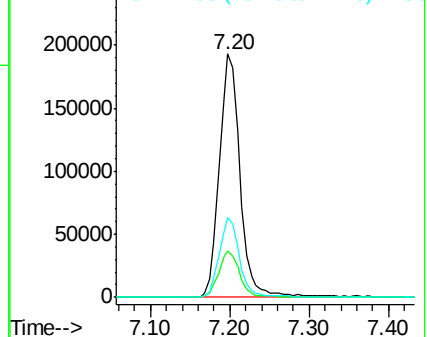
99 100

42 19.1 16.2 24.2

71 32.9 26.8 40.2



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: 13.818 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

Tgt Ion: 70 Resp: 34856

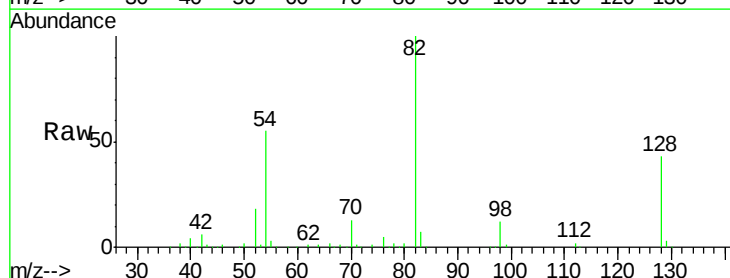
Ion Ratio Lower Upper

70 100

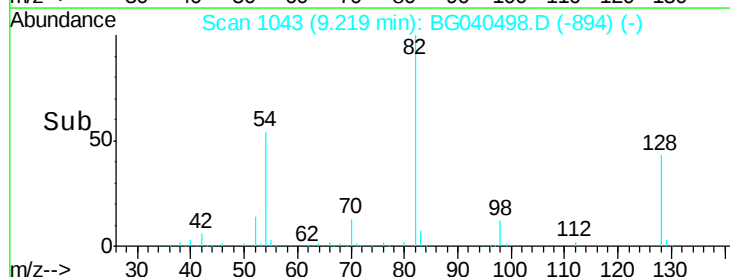
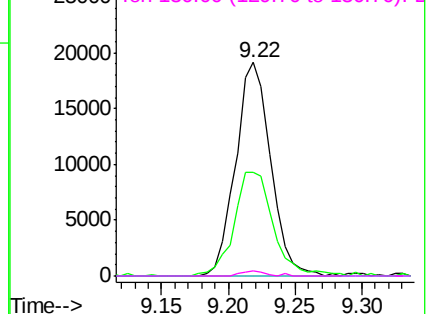
42 48.3 54.0 81.0#

101 0.0 8.6 13.0#

130 2.6 18.2 27.2#



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

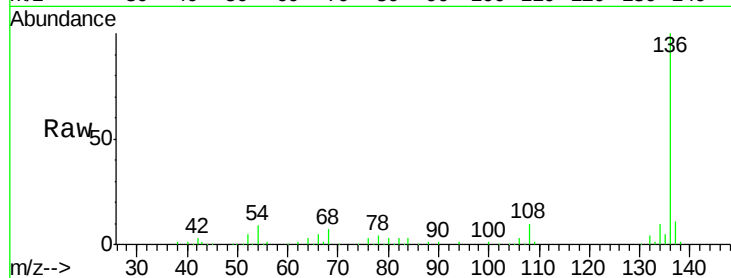




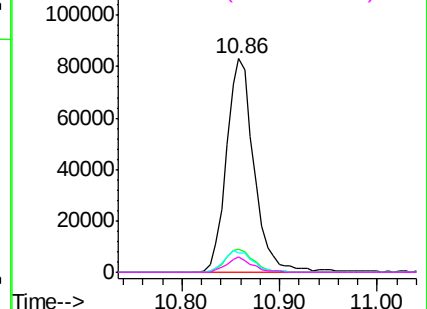
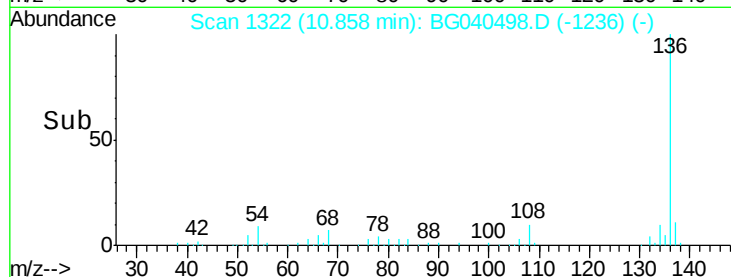
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040498.D
Acq: 16 Apr 2019 3:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	162404
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.3	9.6 14.4#
68	7.3	5.1 7.7

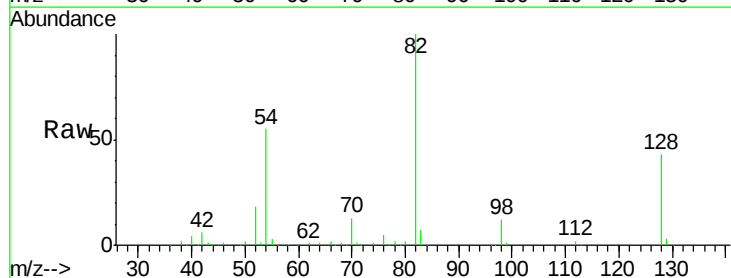


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

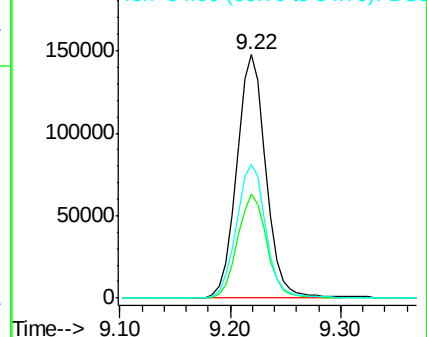
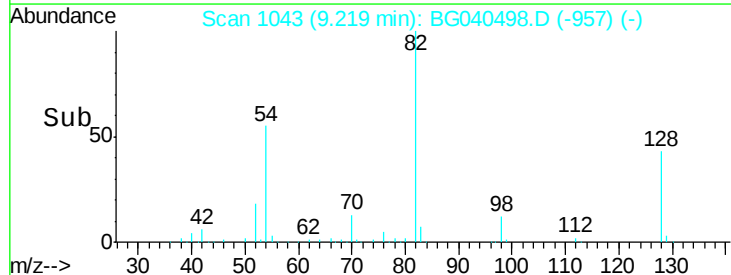


#23
Nitrobenzene-d5
Concen: 89.636 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040498.D
Acq: 16 Apr 2019 3:00

Tgt Ion: 82	Resp:	273871
Ion Ratio	Lower	Upper
82	100	
128	42.6	35.8 53.8
54	55.0	46.2 69.2



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

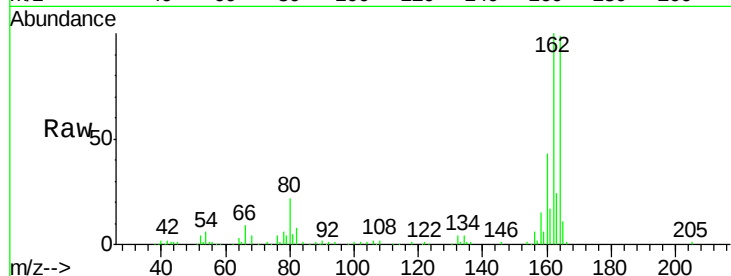




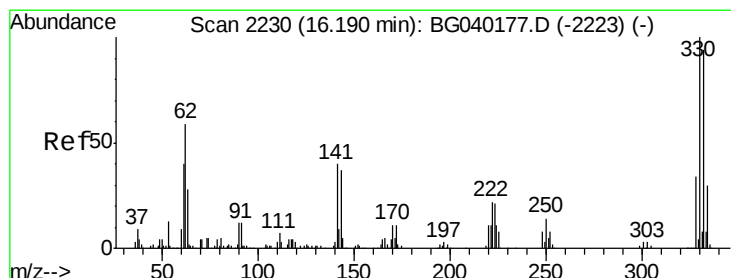
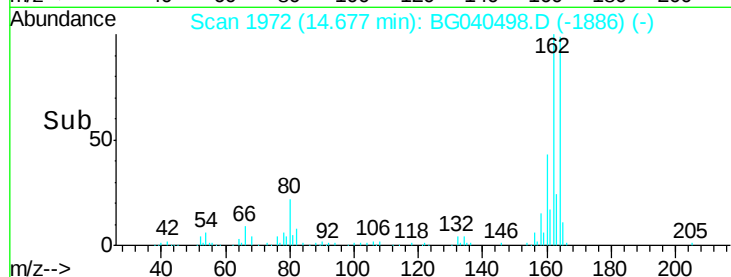
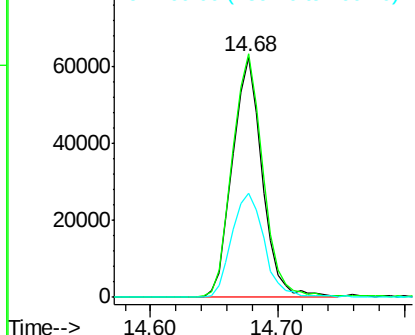
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040498.D
Acq: 16 Apr 2019 3:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 101453
Ion Ratio Lower Upper
164 100
162 101.3 77.4 116.2
160 43.4 35.3 52.9

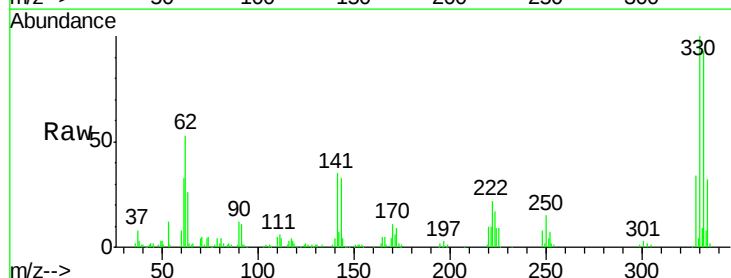


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

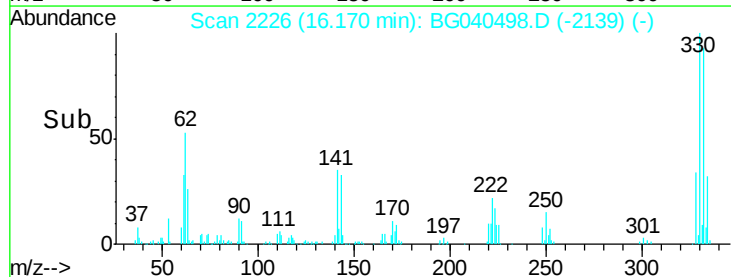
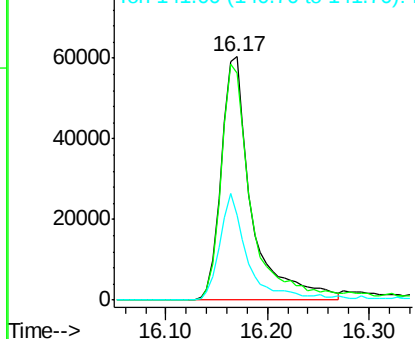


#42
2,4,6-Tribromophenol
Concen: 114.544 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040498.D
Acq: 16 Apr 2019 3:00

Tgt Ion:330 Resp: 125591
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 40.8 32.6 48.8



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





#45

2-Fluorobiphenyl

Concen: 93.241 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

Instrument :

BNA_G

ClientSampled :

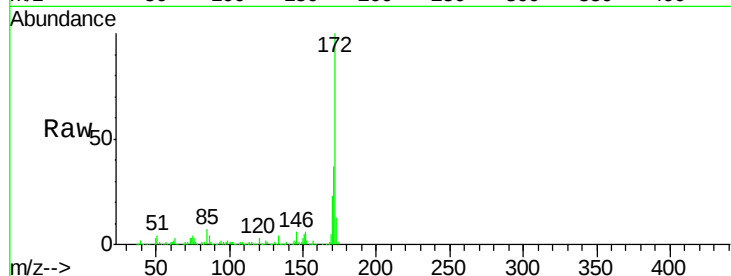
Tot Ion:172 Resp: 638401

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

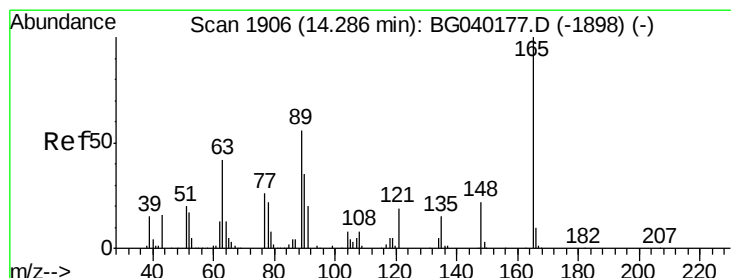
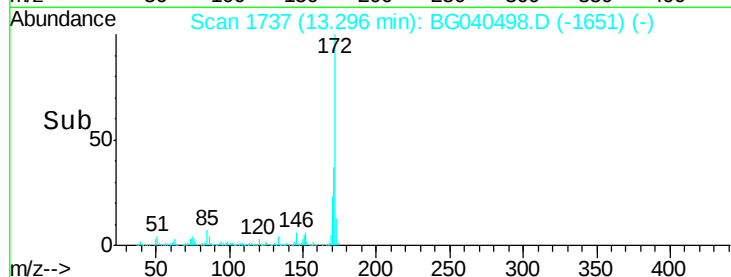
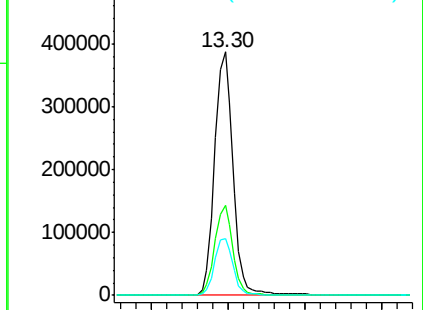
170 23.4 20.1 30.1



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



#51

2,6-Dinitrotoluene

Concen: 7.415 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.39 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

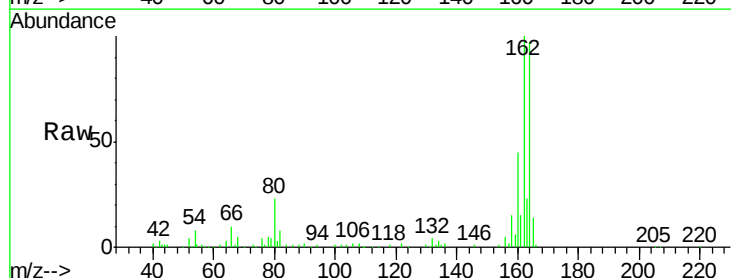
Tgt Ion:165 Resp: 13219

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

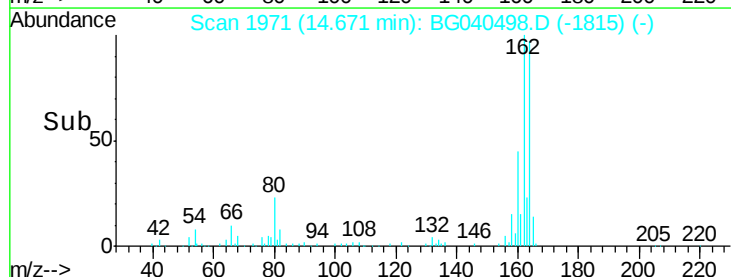
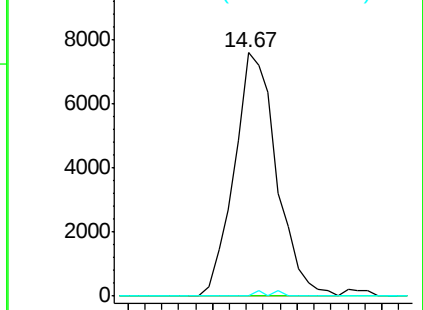
89 0.0 44.9 67.3#

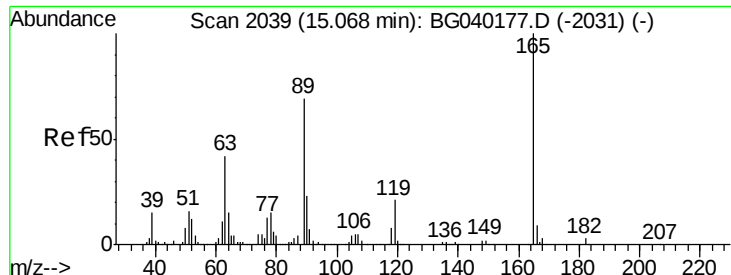


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

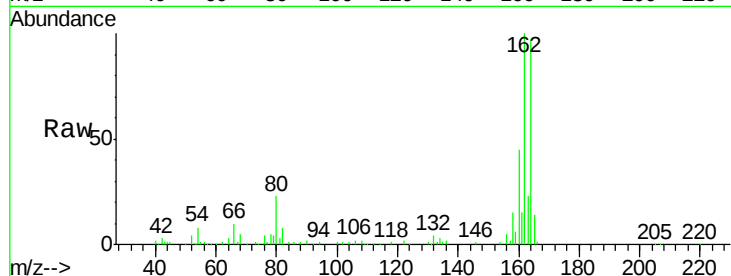




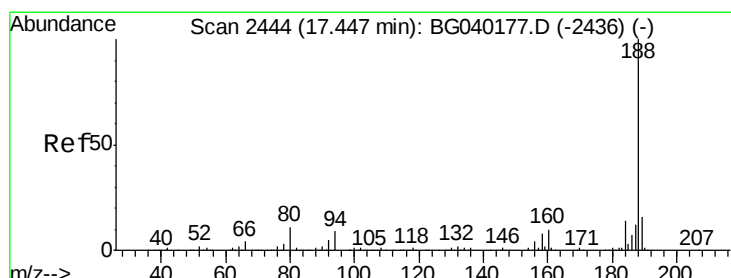
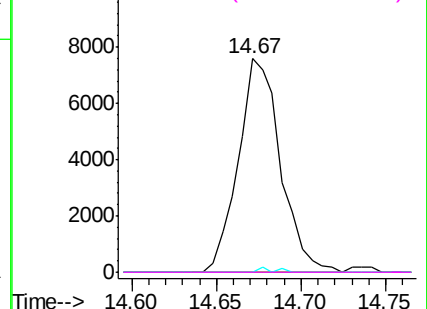
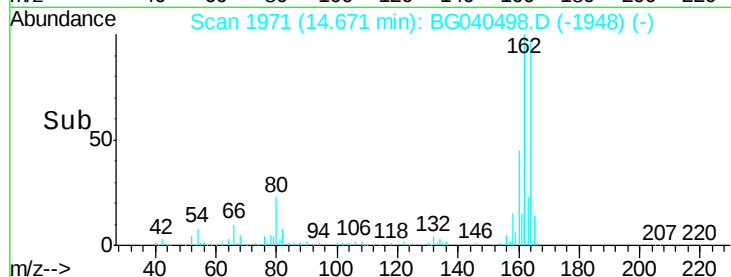
#57
 2,4-Dinitrotoluene
 Concen: 5.336 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.40 min
 Lab File: BG040498.D
 Acq: 16 Apr 2019 3:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 13219
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.6#
 89 0.0 55.4 83.2#
 182 0.0 2.2 3.4#

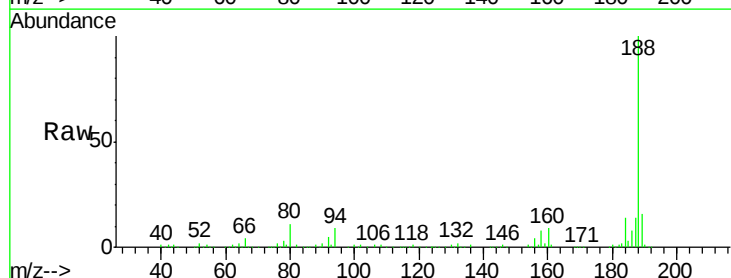


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

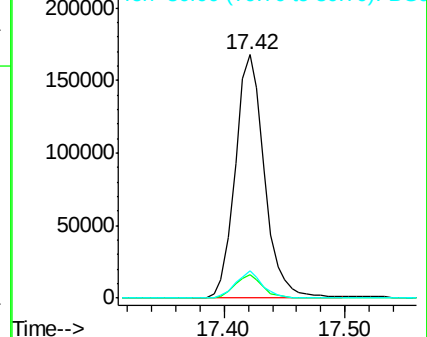
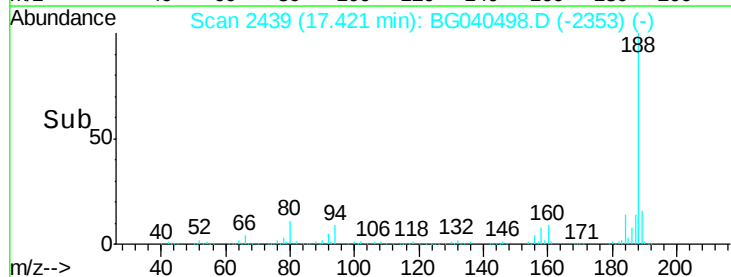


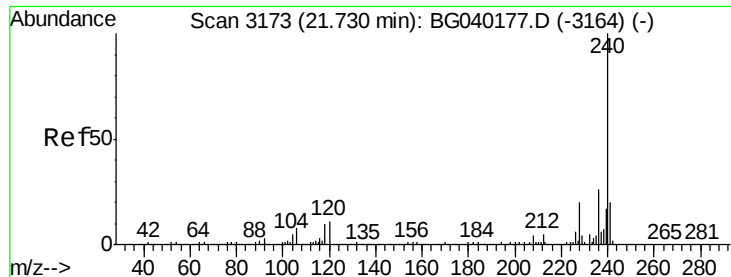
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040498.D
 Acq: 16 Apr 2019 3:00

Tgt Ion:188 Resp: 282738
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.0 10.4
 80 11.1 8.6 13.0



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

Instrument :

BNA_G

ClientSampleId :

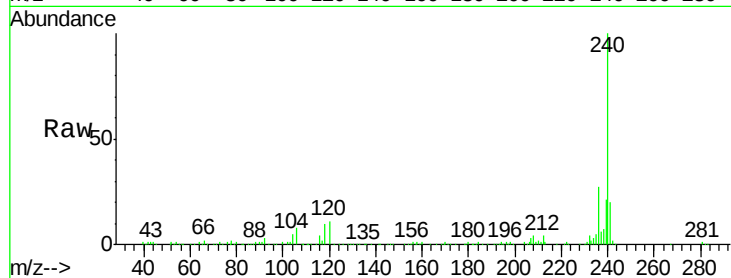
Tot Ion:240 Resp: 289323

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

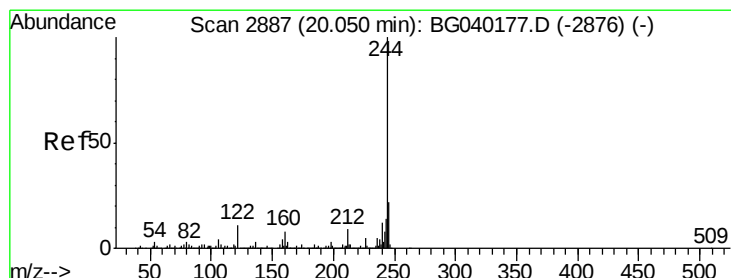
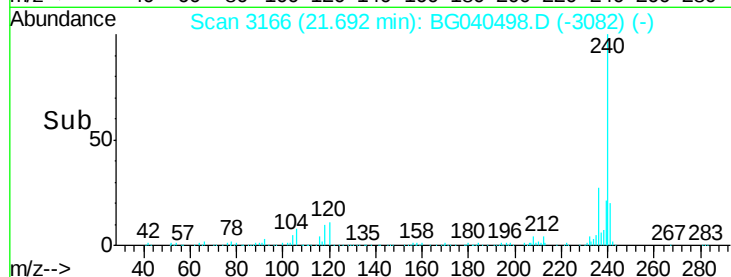
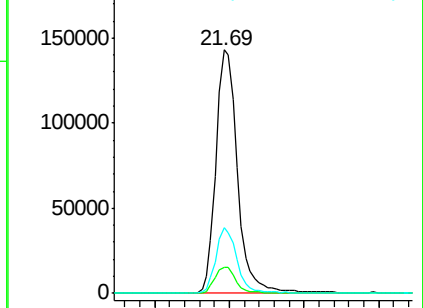
236 27.1 20.8 31.2



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



#79

Terphenyl-d14

Concen: 92.623 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040498.D

Acq: 16 Apr 2019 3:00

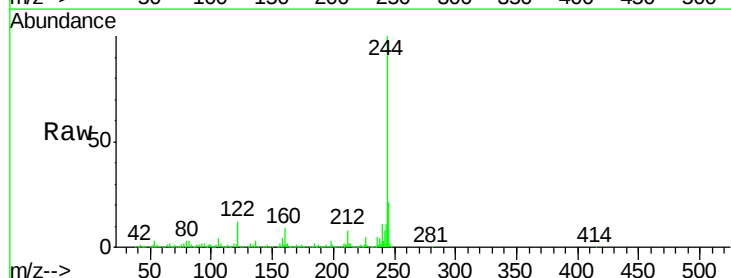
Tgt Ion:244 Resp: 1191202

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

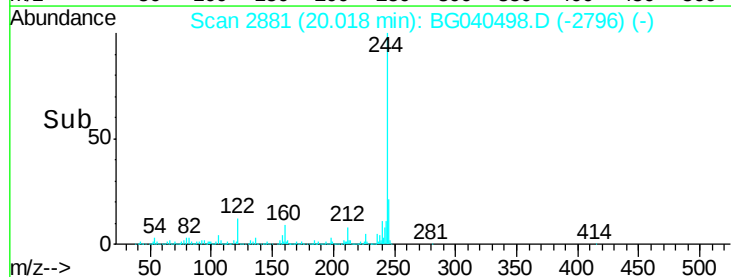
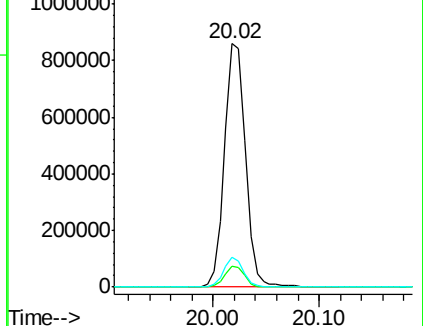
122 12.1 8.5 12.7

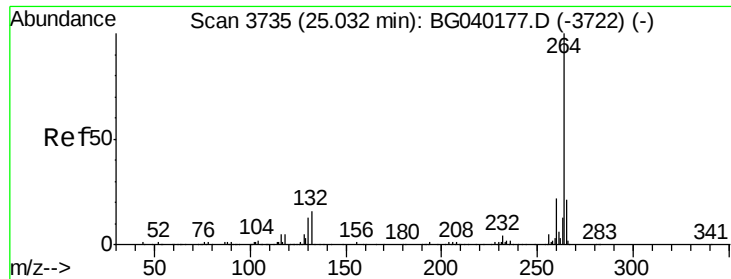


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3725
 Delta R.T. -0.06 min
 Lab File: BG040498.D
 Acq: 16 Apr 2019 3:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	20.9	16.8	25.2

