

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038642.D
 Acq On : 16 Dec 2018 16:04
 Operator : JU/SJ
 Sample : J6378-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD010-0006-01

Quant Time: Dec 17 06:15:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

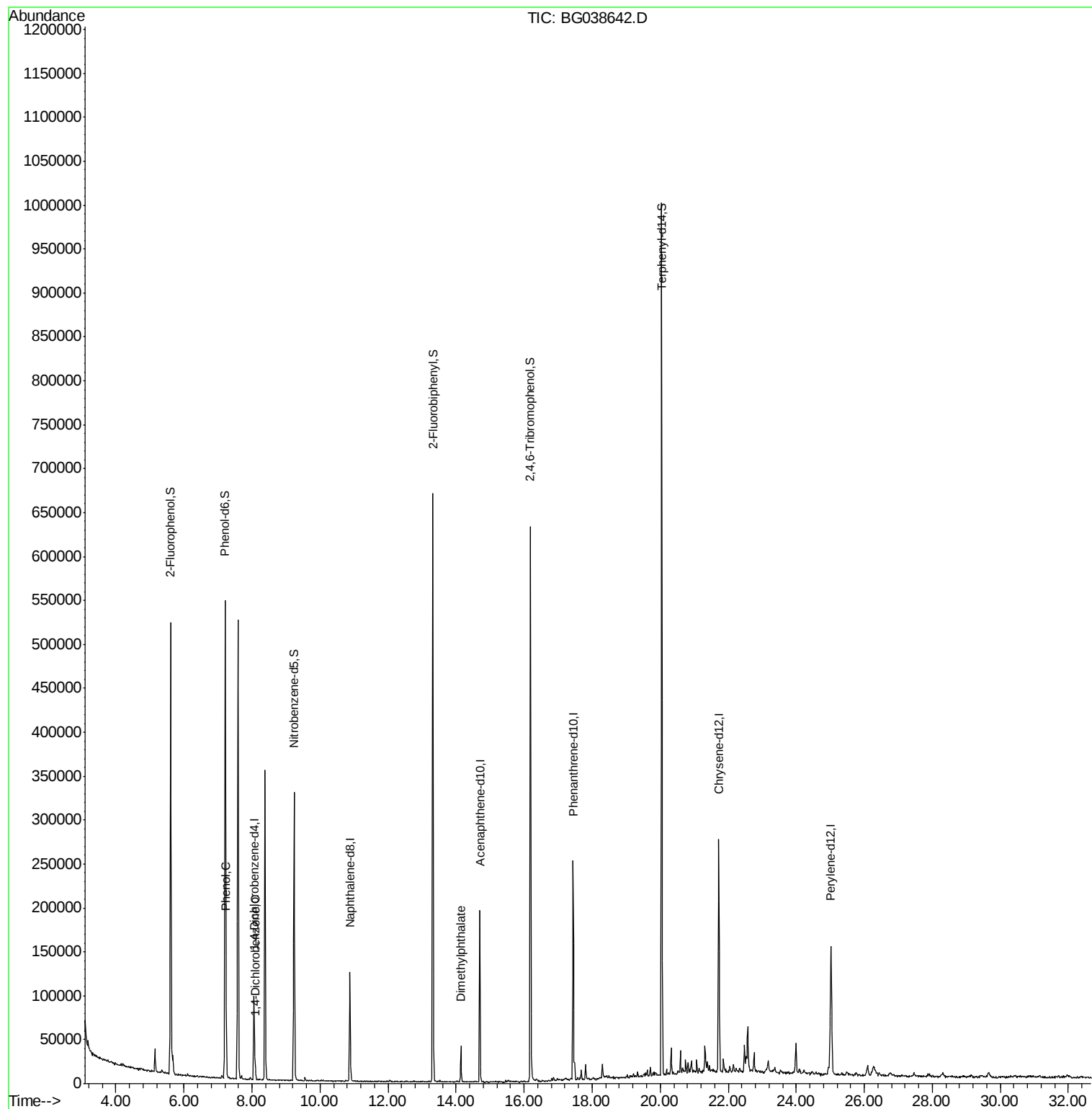
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26384	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	109242	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	71233	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163618	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163313	20.00	ng	0.00
87) Perylene-d12	25.02	264	178153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	222438	149.53	ng	0.00
7) Phenol-d6	7.21	99	304953	149.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	200514	93.77	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	125829	128.17	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	353088	68.00	ng	0.00
79) Terphenyl-d14	20.04	244	484065	64.51	ng	0.00
Target Compounds						
10) Phenol	7.24	94	20318	9.365	ng	87
13) 1,4-Dichlorobenzene	8.09	146	7503	3.599	ng	94
50) Dimethylphthalate	14.15	163	30075	5.170	ng	98

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

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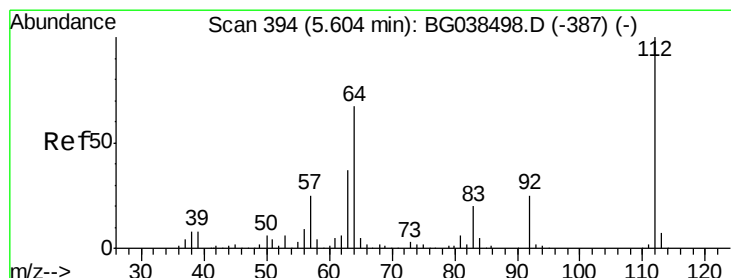
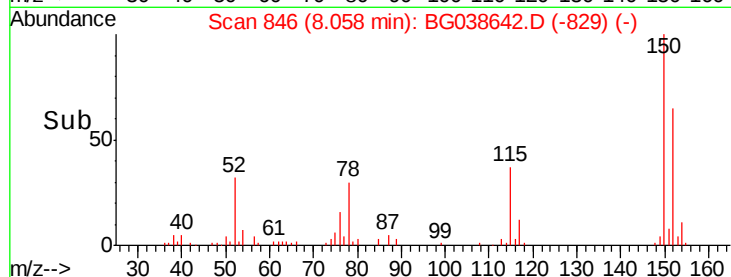
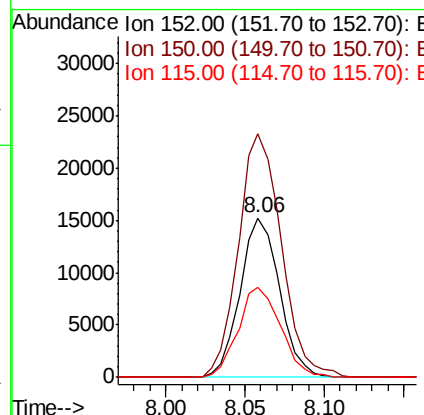
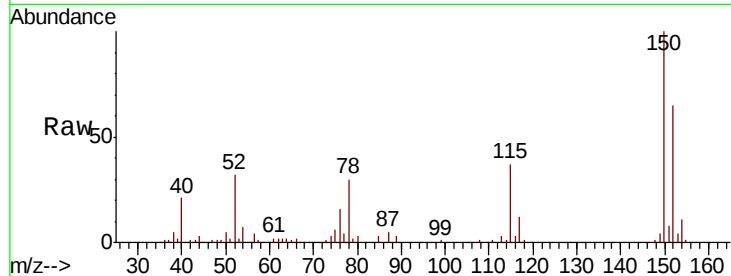




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038642.D
 Acq: 16 Dec 2018 16:04

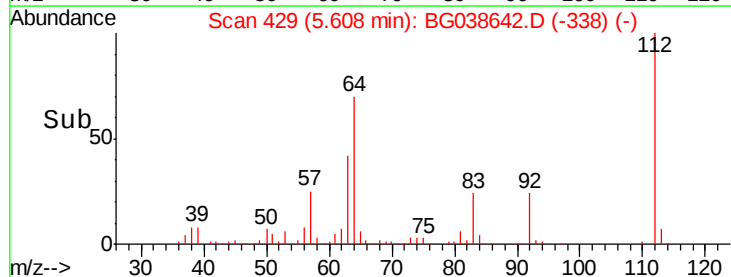
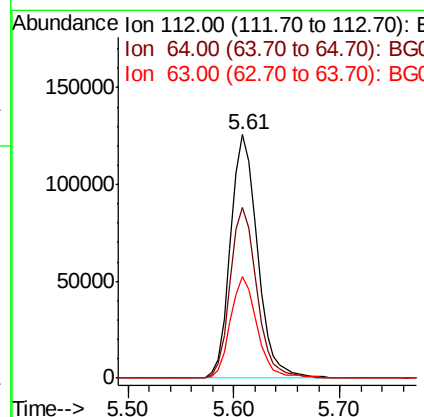
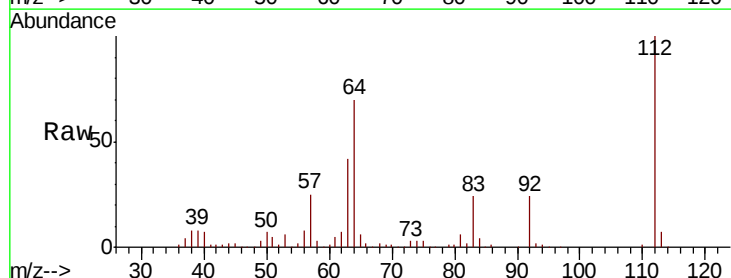
Instrument :
 BNA_G
 ClientSampleId :
 P001-SD010-0006-01

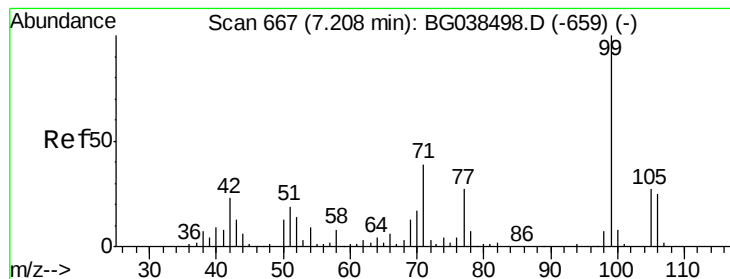
Tot Ion:152 Resp: 26384
 Ion Ratio Lower Upper
 152 100
 150 152.7 119.5 179.3
 115 56.3 49.6 74.4



#5
 2-Fluorophenol
 Concen: 149.533 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038642.D
 Acq: 16 Dec 2018 16:04

Tgt Ion:112 Resp: 222438
 Ion Ratio Lower Upper
 112 100
 64 70.3 53.4 80.2
 63 41.5 29.3 43.9





#7

Phenol-d6

Concen: 149.331 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038642.D

Acq: 16 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

P001-SD010-0006-01

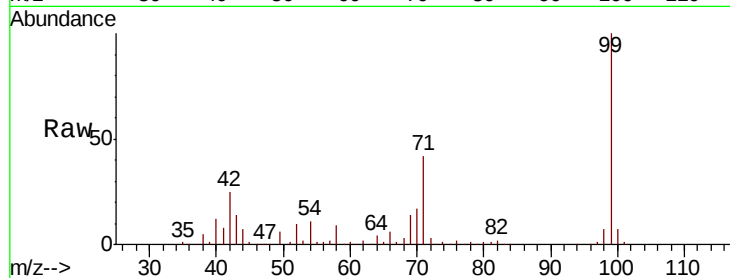
Tot Ion: 99 Resp: 304953

Ion Ratio Lower Upper

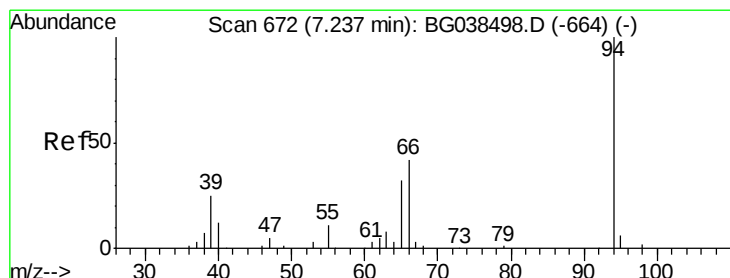
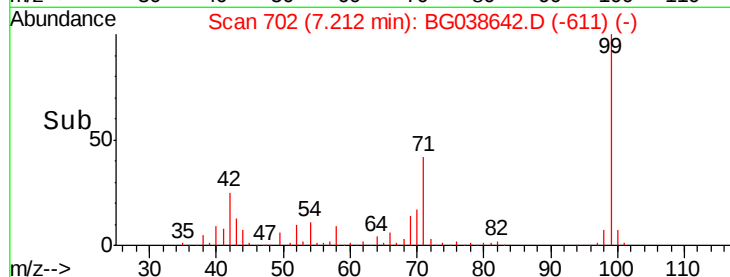
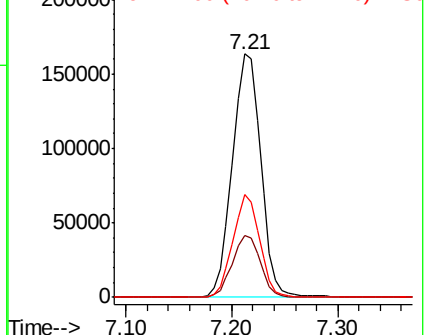
99 100

42 25.2 18.5 27.7

71 42.0 31.1 46.7



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



#10

Phenol

Concen: 9.365 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038642.D

Acq: 16 Dec 2018 16:04

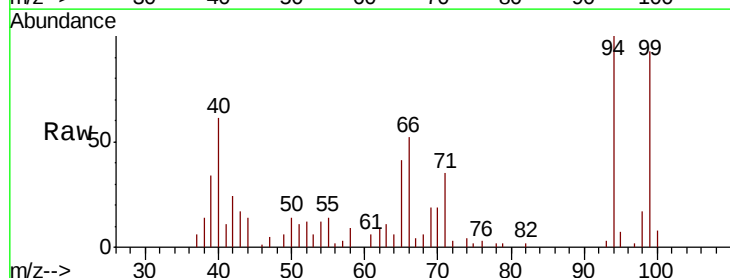
Tgt Ion: 94 Resp: 20318

Ion Ratio Lower Upper

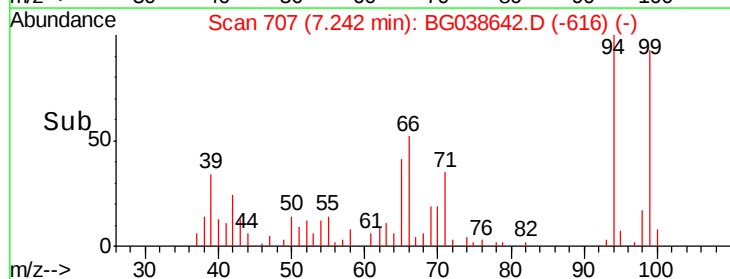
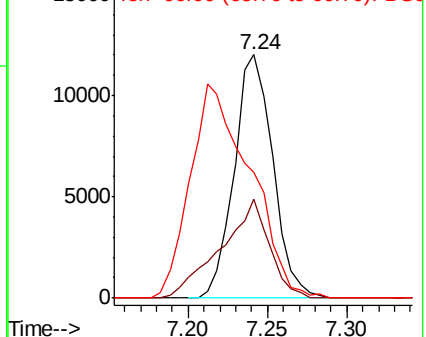
94 100

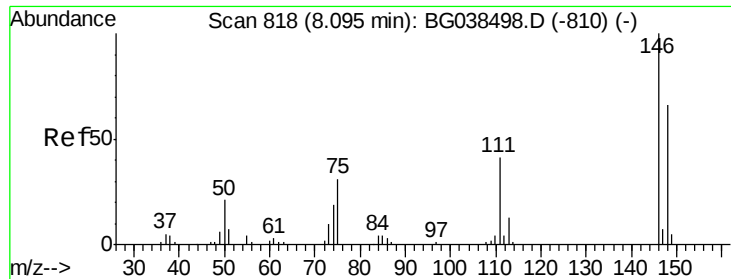
65 40.6 12.6 52.6

66 51.7 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

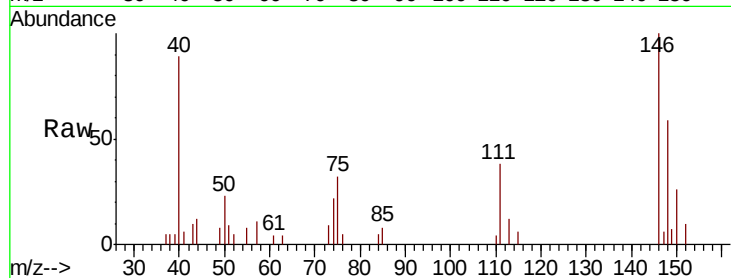




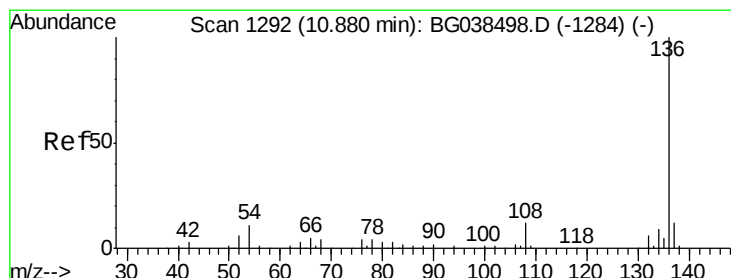
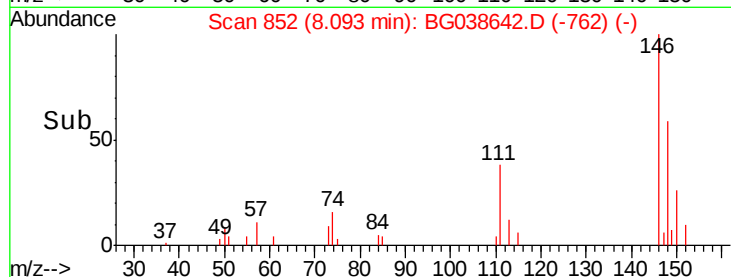
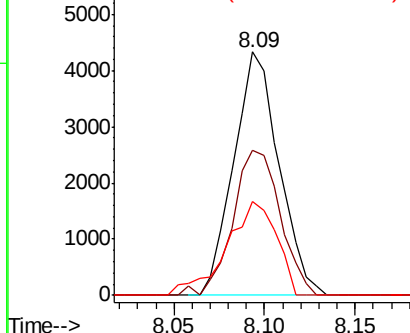
#13
 1,4-Dichlorobenzene
 Concen: 3.599 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038642.D
 Acq: 16 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD010-0006-01

Tot Ion:146 Resp: 7503
 Ion Ratio Lower Upper
 146 100
 148 59.3 52.4 78.6
 111 38.4 33.0 49.4

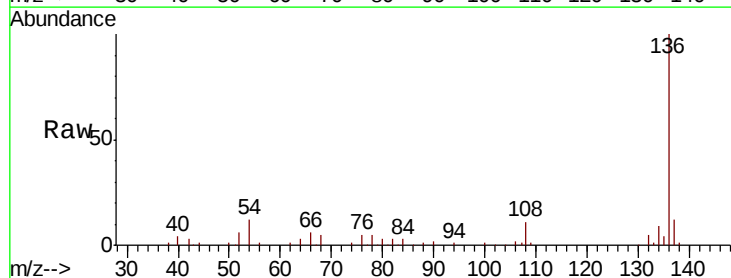


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

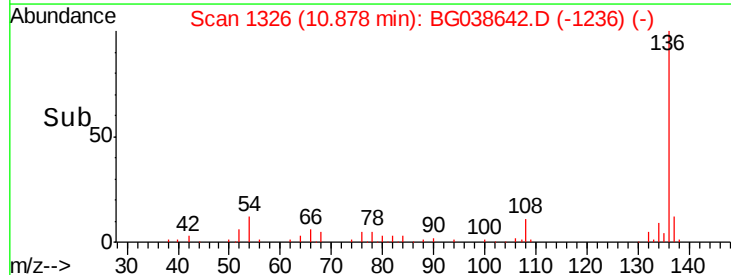
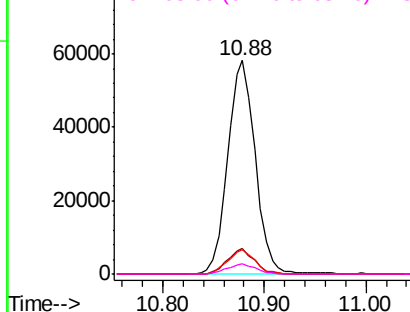


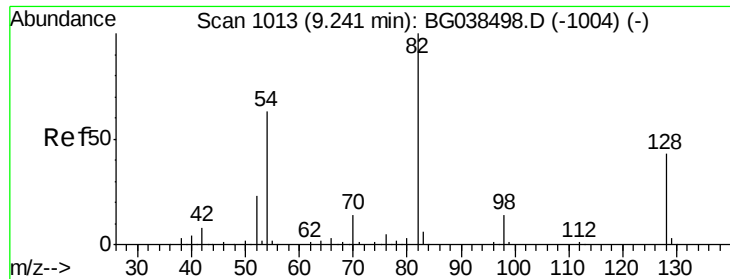
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.88 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BG038642.D
 Acq: 16 Dec 2018 16:04

Tgt Ion:136 Resp: 109242
 Ion Ratio Lower Upper
 136 100
 137 11.9 9.3 13.9
 54 11.5 8.5 12.7
 68 4.6 3.5 5.3



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

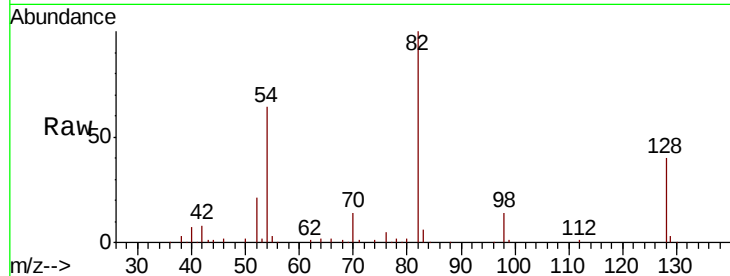




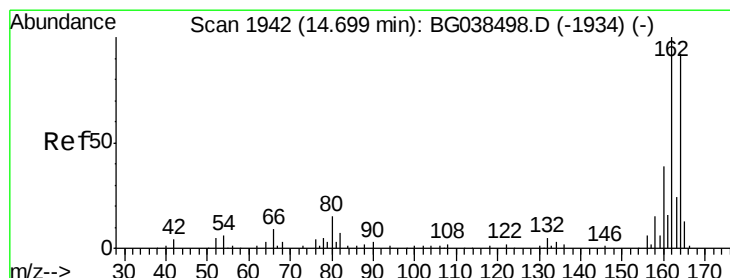
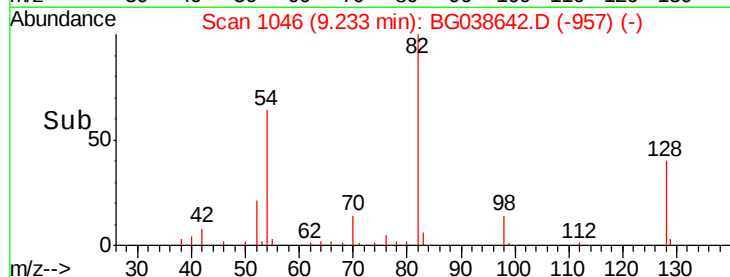
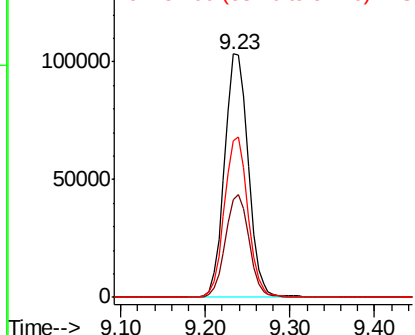
#23
Nitrobenzene-d5
Concen: 93.771 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038642.D
Acq: 16 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
P001-SD010-0006-01

Tot Ion: 82 Resp: 200514
Ion Ratio Lower Upper
82 100
128 40.1 34.6 52.0
54 64.3 50.6 76.0

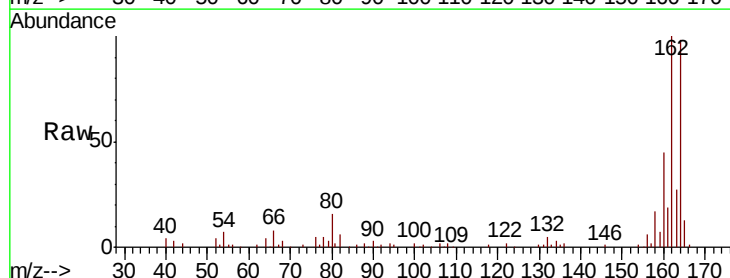


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

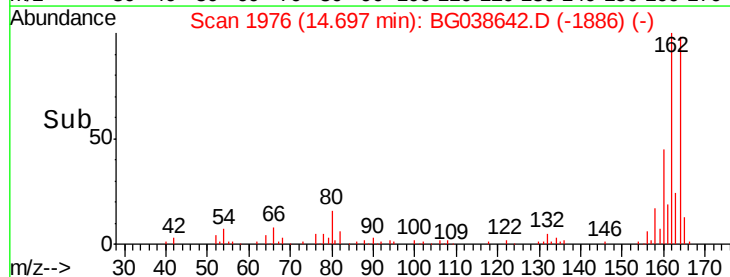
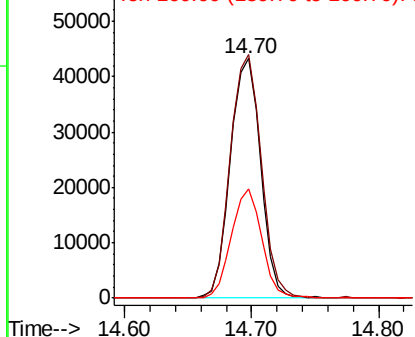


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038642.D
Acq: 16 Dec 2018 16:04

Tgt Ion: 164 Resp: 71233
Ion Ratio Lower Upper
164 100
162 101.6 86.6 130.0
160 45.8 34.2 51.2



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





#42

2,4,6-Tribromophenol

Concen: 128.172 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038642.D

Acq: 16 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

P001-SD010-0006-01

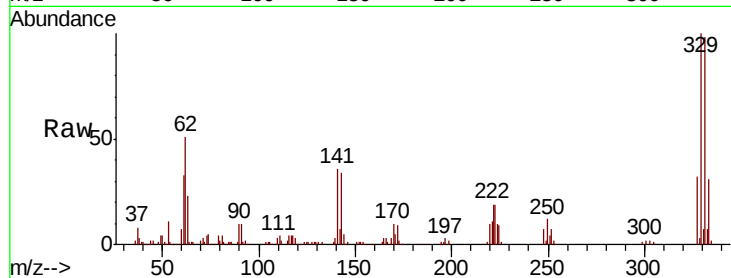
Tot Ion:330 Resp: 125829

Ion Ratio Lower Upper

330 100

332 97.7 76.9 115.3

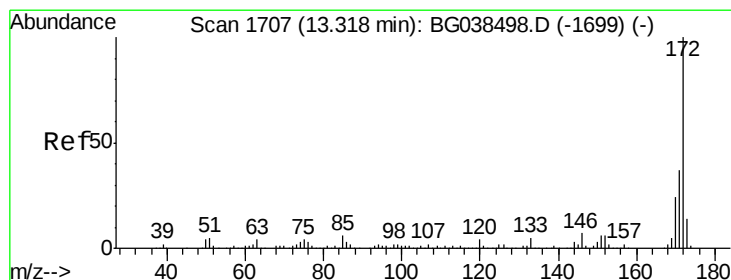
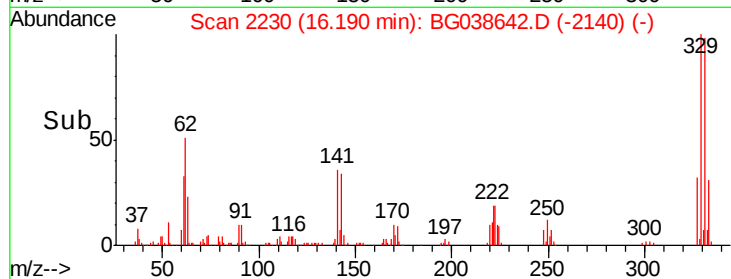
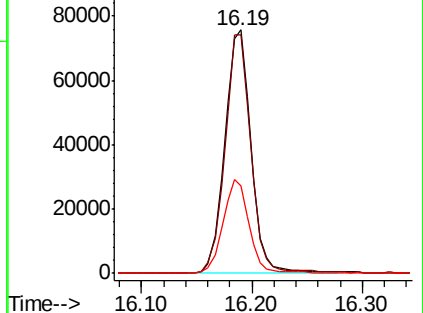
141 38.4 28.8 43.2



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: 68.000 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038642.D

Acq: 16 Dec 2018 16:04

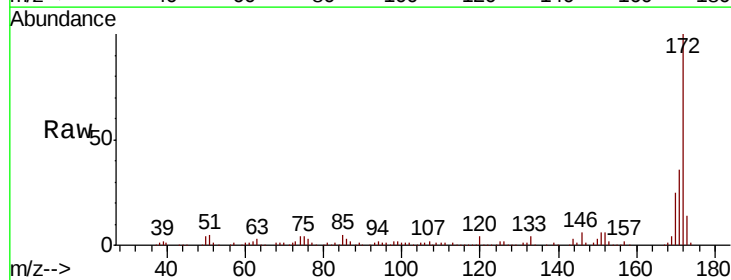
Tgt Ion:172 Resp: 353088

Ion Ratio Lower Upper

172 100

171 36.5 29.8 44.6

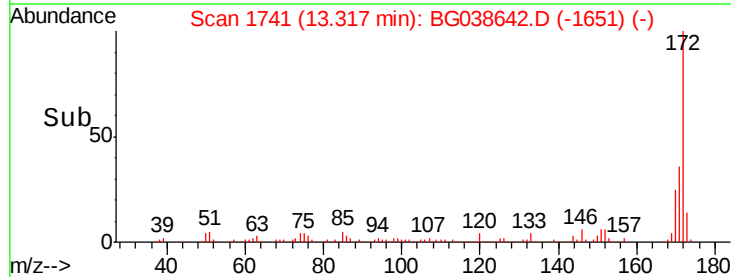
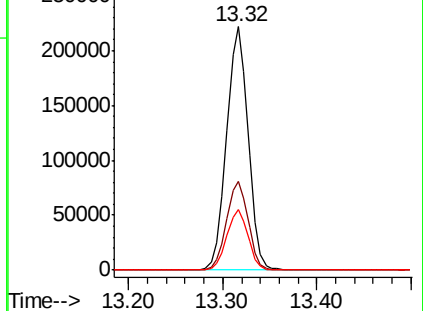
170 24.8 19.5 29.3



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

Dimethylphthalate

Concen: 5.170 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038642.D

Acq: 16 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

P001-SD010-0006-01

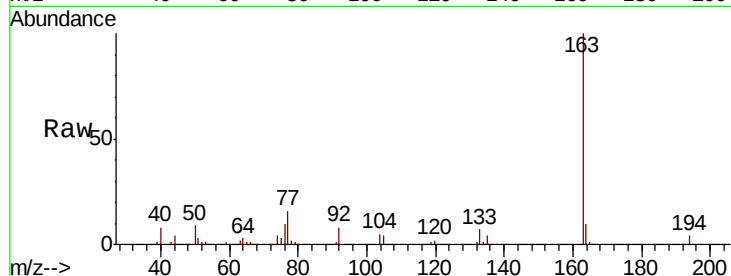
Tot Ion:163 Resp: 30075

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

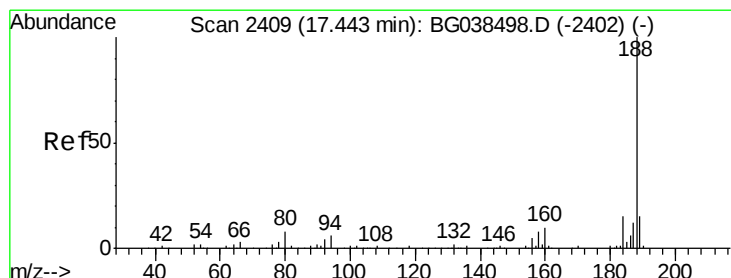
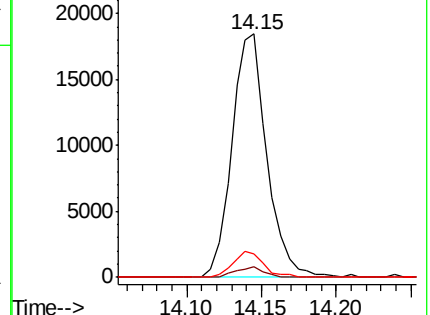
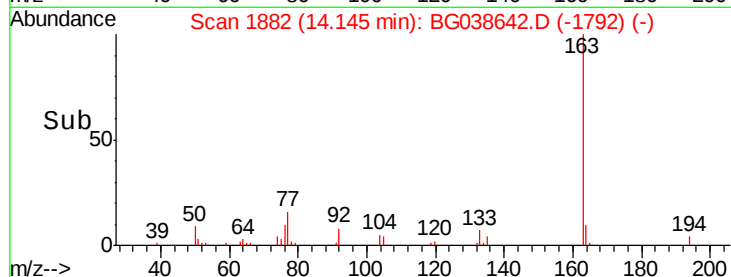
164 9.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038642.D

Acq: 16 Dec 2018 16:04

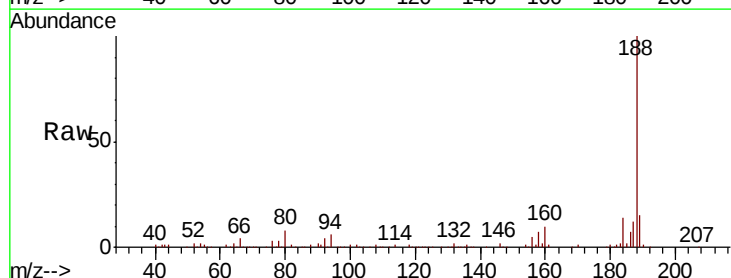
Tgt Ion:188 Resp: 163618

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

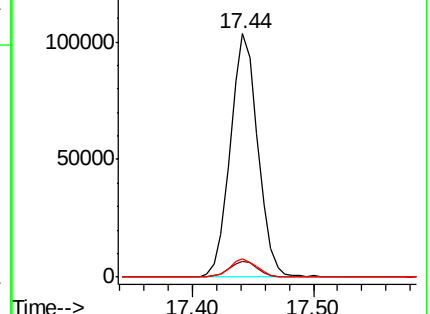
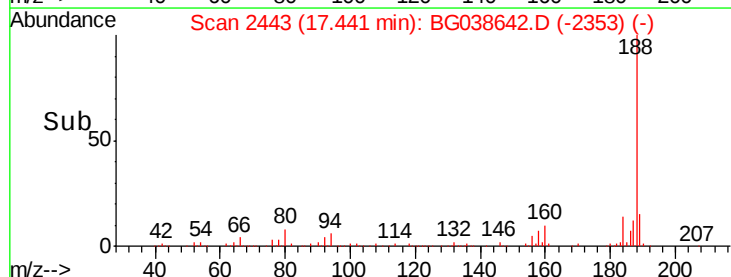
80 7.7 6.1 9.1

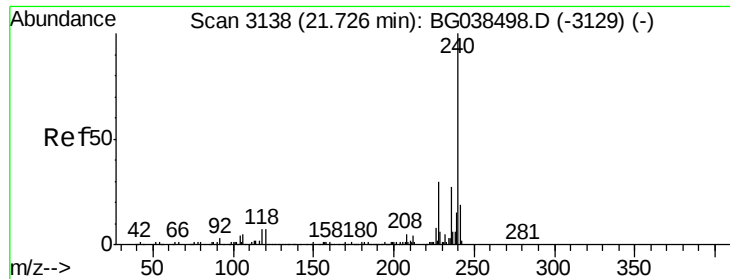


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

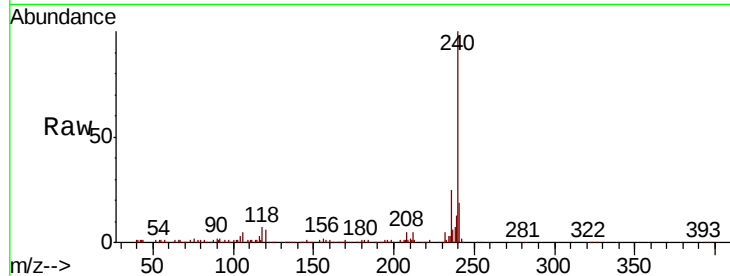




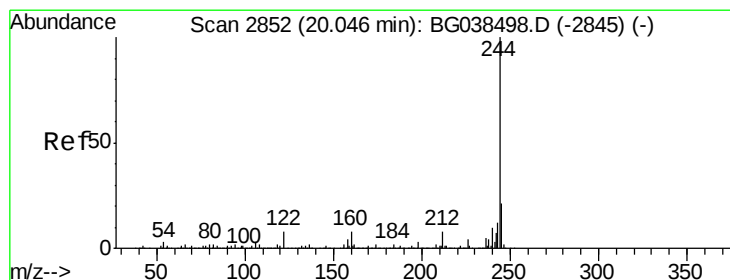
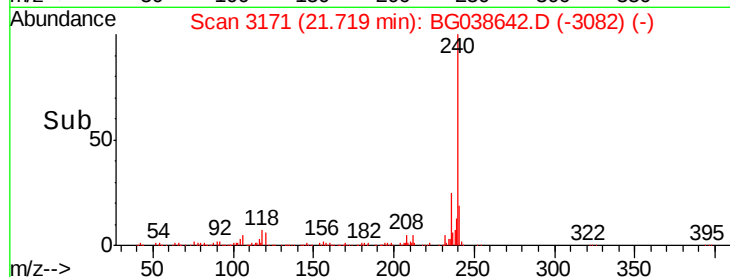
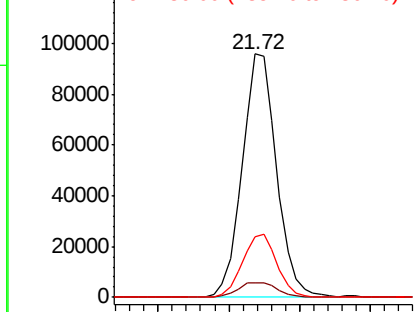
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038642.D
 Acq: 16 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD010-0006-01

Tot Ion:240 Resp: 163313
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.3 7.9
 236 25.0 21.4 32.2

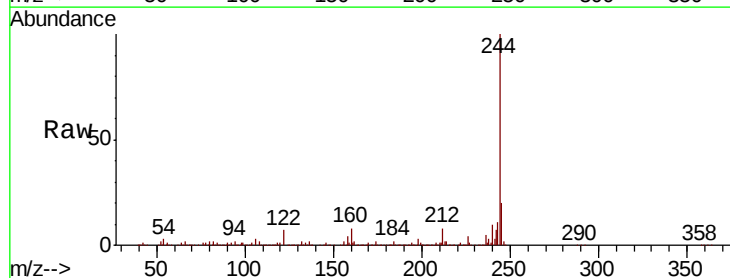


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

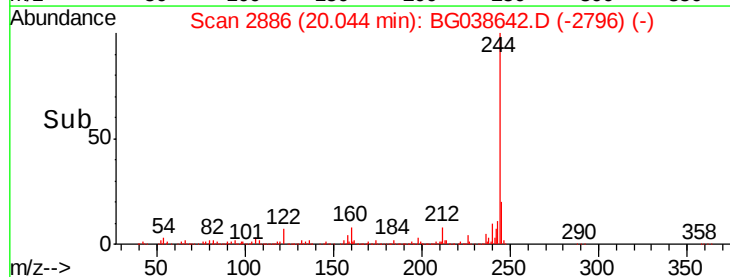
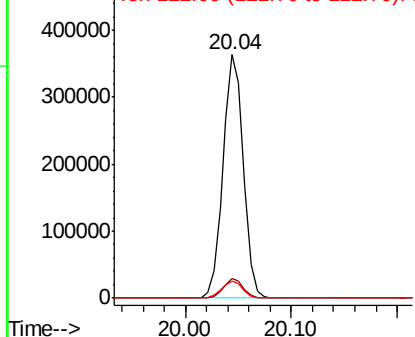


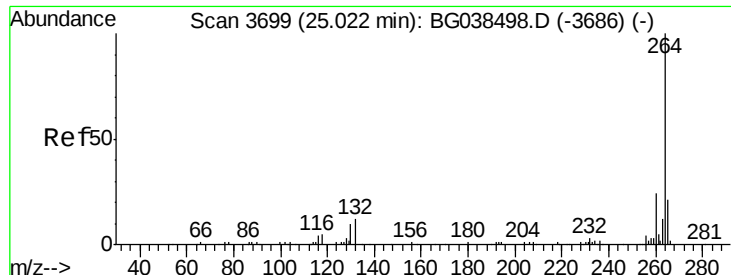
#79
 Terphenyl-d14
 Concen: 64.507 ng
 RT: 20.04 min Scan# 2886
 Delta R.T. -0.00 min
 Lab File: BG038642.D
 Acq: 16 Dec 2018 16:04

Tgt Ion:244 Resp: 484065
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 7.2 6.3 9.5



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: 25.02 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG038642.D
 Acq: 16 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD010-0006-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.4	17.0	25.4

