

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038633.D
 Acq On : 16 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6378-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD010-0612-01

Quant Time: Dec 17 03:16:14 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

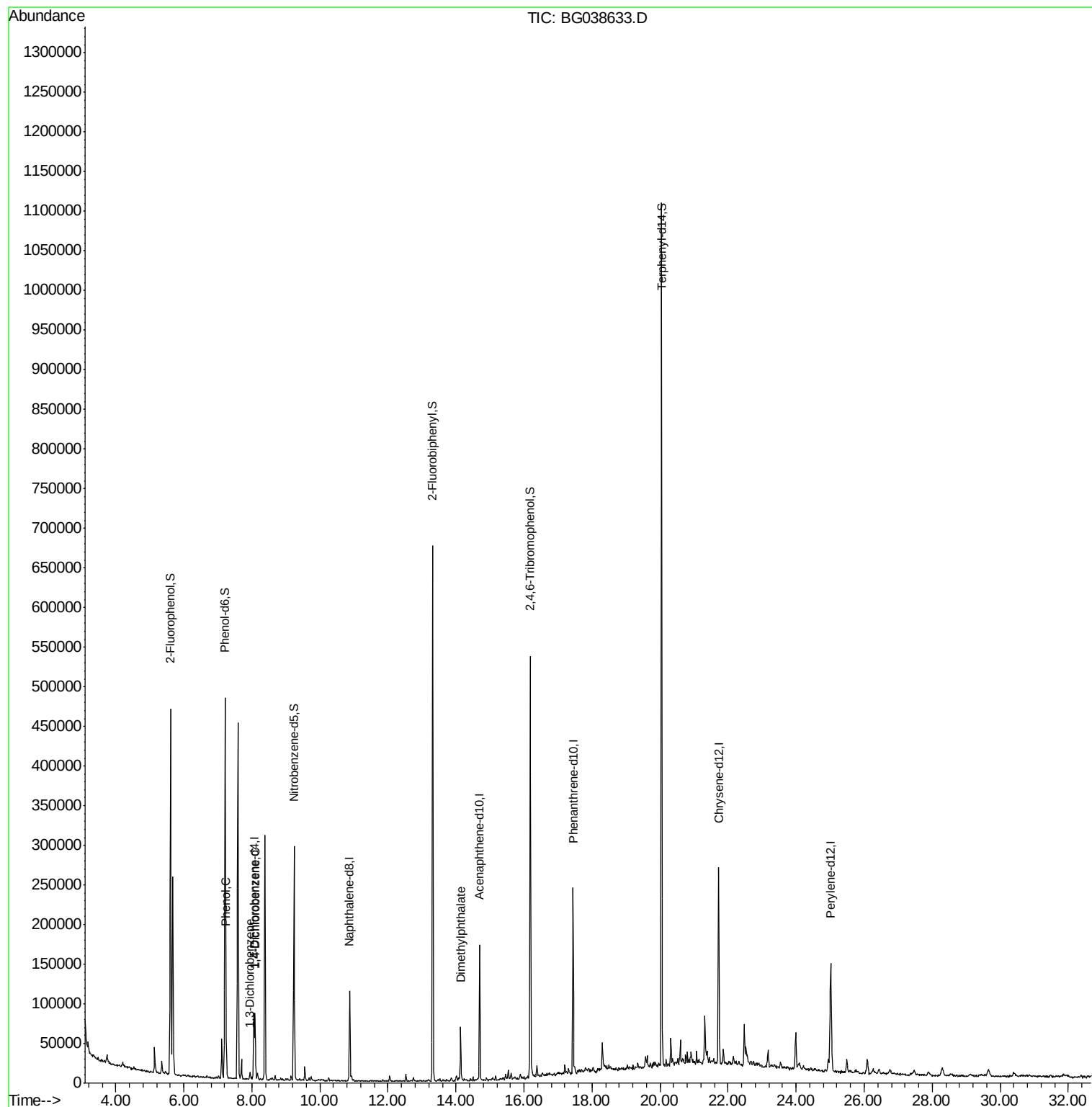
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23043	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98877	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61814	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	145681	20.00	ng	0.00
76) Chrysene-d12	21.72	240	147672	20.00	ng	0.00
87) Perylene-d12	25.01	264	165868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	199830	153.81	ng	0.00
7) Phenol-d6	7.22	99	266304	149.31	ng	0.00
23) Nitrobenzene-d5	9.24	82	174641	90.23	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	106722	125.27	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	348241	77.29	ng	0.00
79) Terphenyl-d14	20.04	244	536776	79.11	ng	0.00
Target Compounds						
10) Phenol	7.24	94	17508	9.240	ng	80
12) 1,3-Dichlorobenzene	7.95	146	3901	2.194	ng	94
13) 1,4-Dichlorobenzene	8.10	146	34713	19.067	ng	95
50) Dimethylphthalate	14.14	163	45329	8.980	ng	# 96

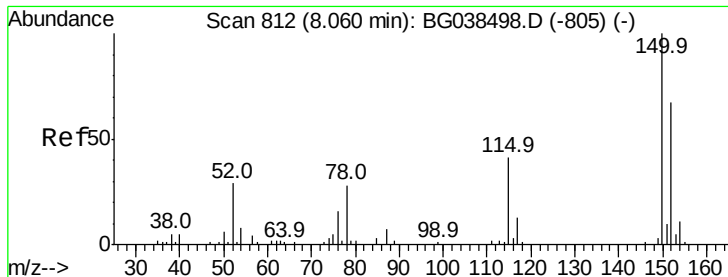
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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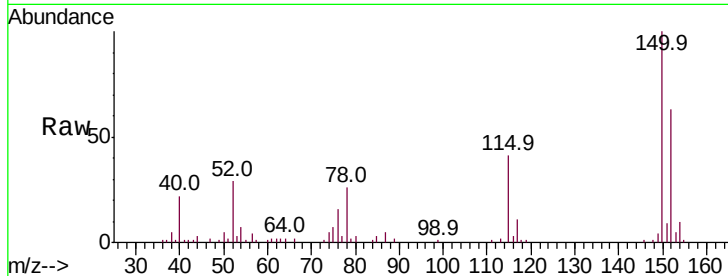


#1

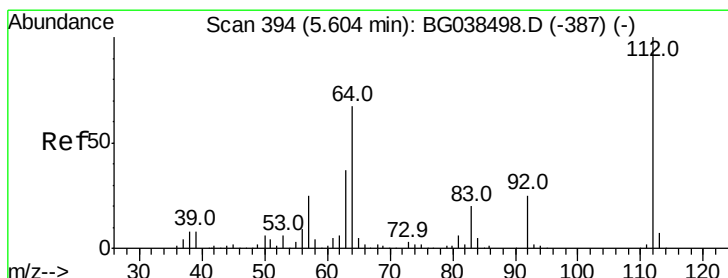
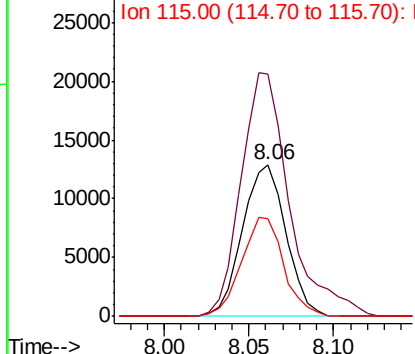
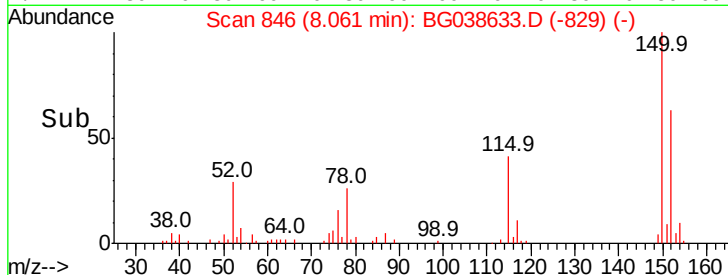
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038633.D
Acq: 16 Dec 2018 10:07

Instrument :
BNA_G
ClientSampleId :
P001-SD010-0612-01

Tot Ion:152 Resp: 23043
Ion Ratio Lower Upper
152 100
150 159.8 119.5 179.3
115 64.8 49.6 74.4



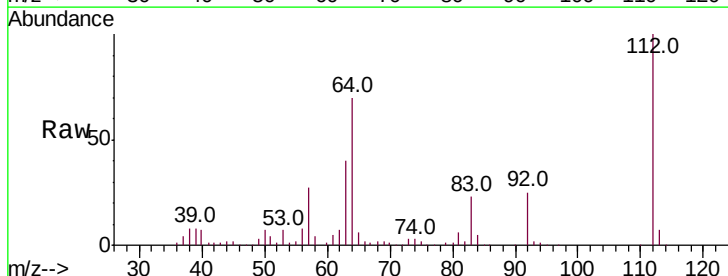
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



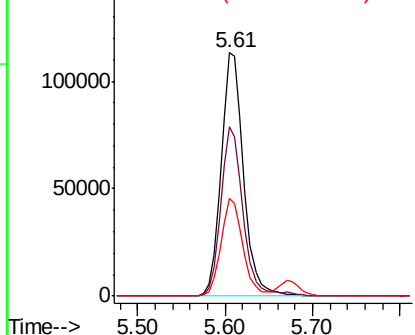
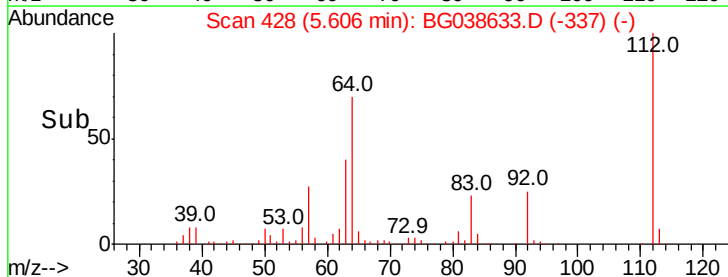
#5

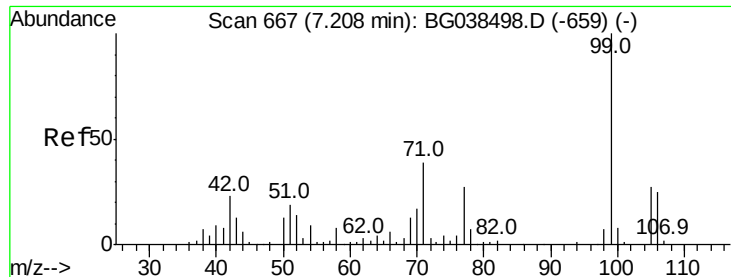
2-Fluorophenol
Concen: 153.812 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038633.D
Acq: 16 Dec 2018 10:07

Tgt Ion:112 Resp: 199830
Ion Ratio Lower Upper
112 100
64 69.5 53.4 80.2
63 40.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 149.313 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

Instrument :

BNA_G

ClientSampleId :

P001-SD010-0612-01

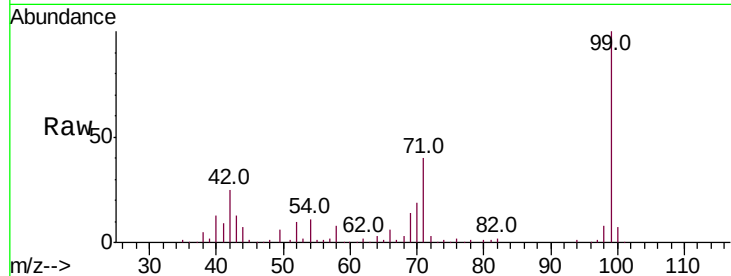
Tot Ion: 99 Resp: 266304

Ion Ratio Lower Upper

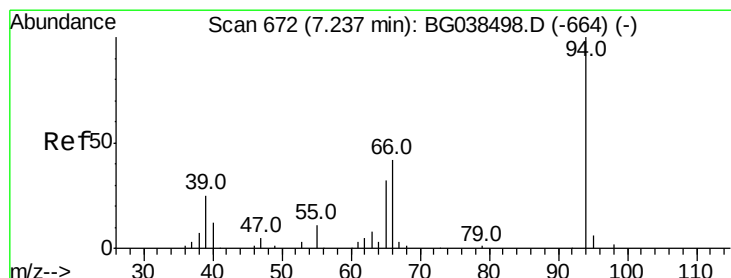
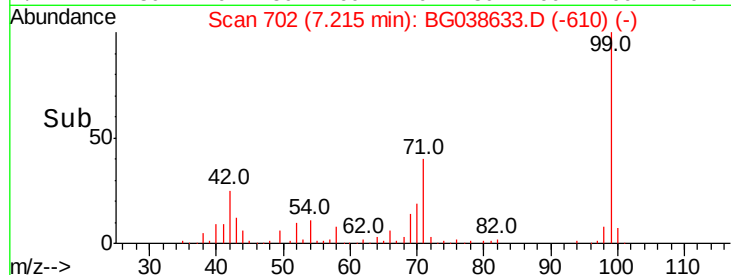
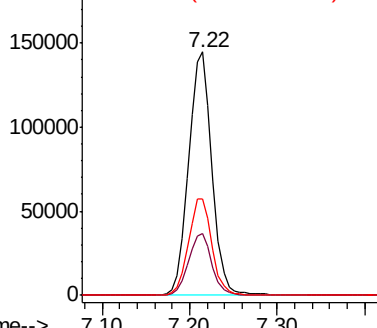
99 100

42 25.5 18.5 27.7

71 39.8 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: 9.240 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

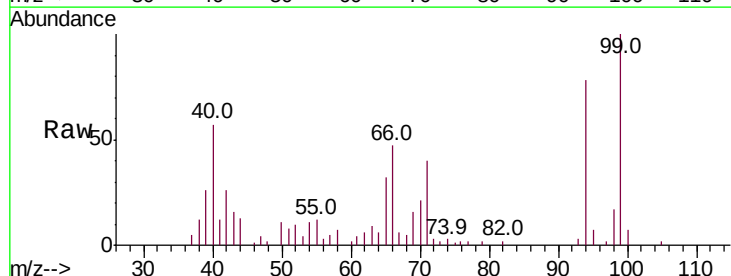
Tgt Ion: 94 Resp: 17508

Ion Ratio Lower Upper

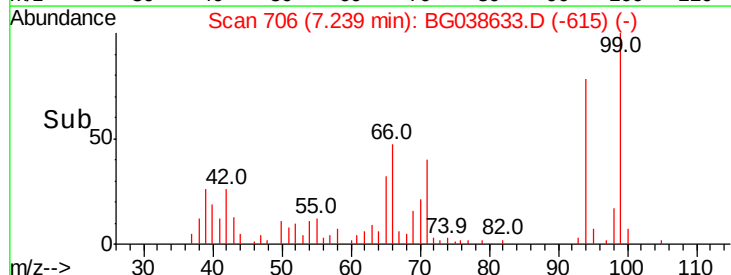
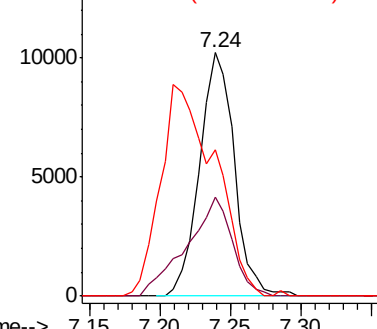
94 100

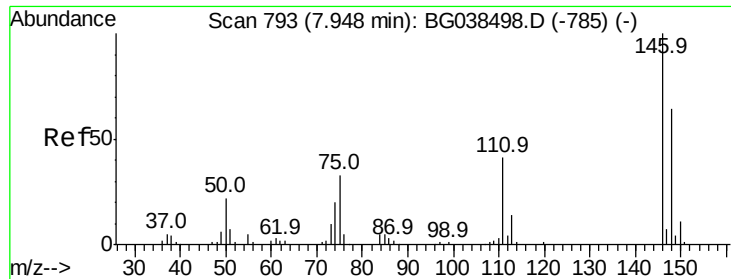
65 40.5 12.6 52.6

66 60.0 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





#12

1,3-Dichlorobenzene

Concen: 2.194 ng

RT: 7.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

Instrument :

BNA_G

ClientSampleId :

P001-SD010-0612-01

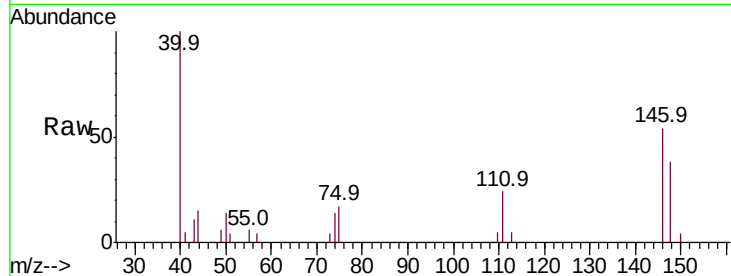
Tot Ion:146 Resp: 3901

Ion Ratio Lower Upper

146 100

148 70.9 51.4 77.0

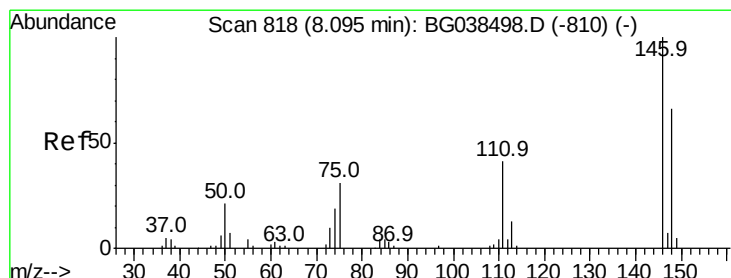
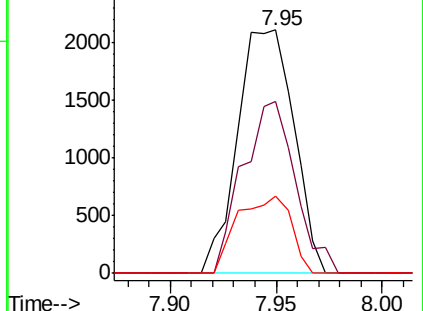
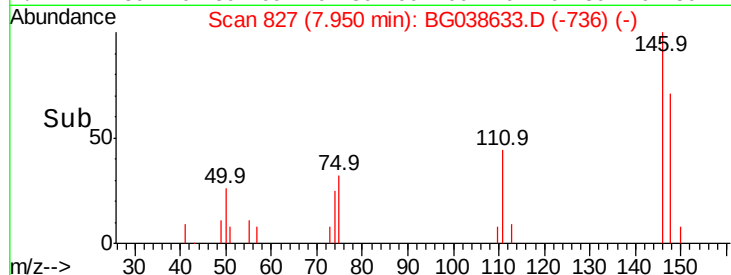
75 32.0 26.1 39.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 19.067 ng

RT: 8.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

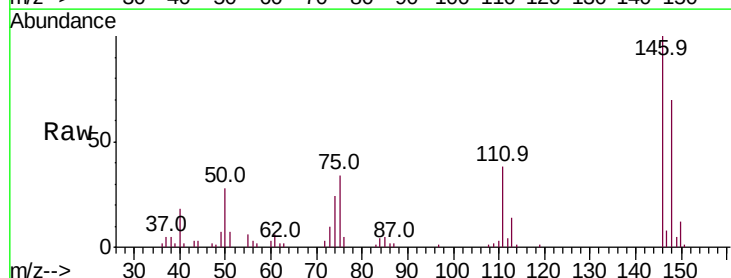
Tgt Ion:146 Resp: 34713

Ion Ratio Lower Upper

146 100

148 70.4 52.4 78.6

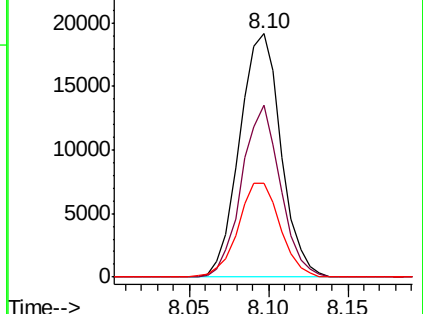
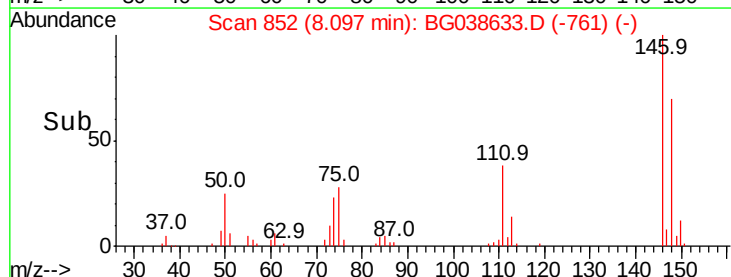
111 38.5 33.0 49.4

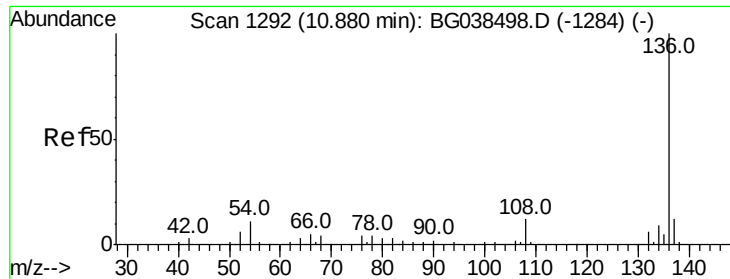


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

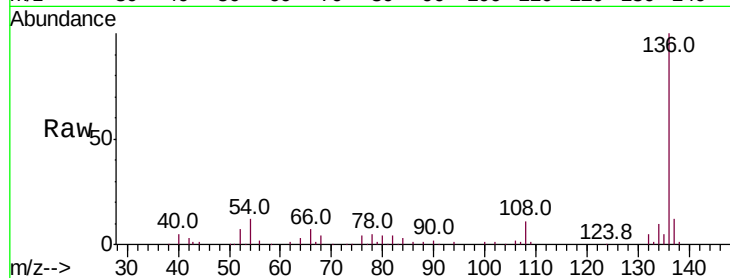




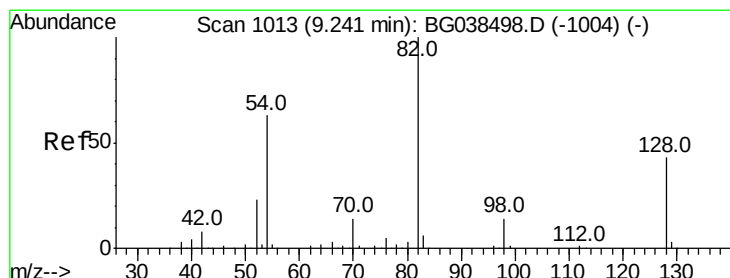
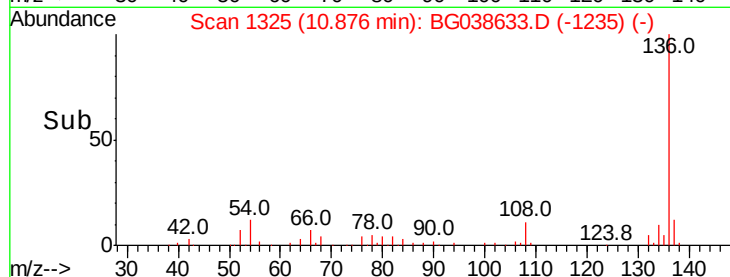
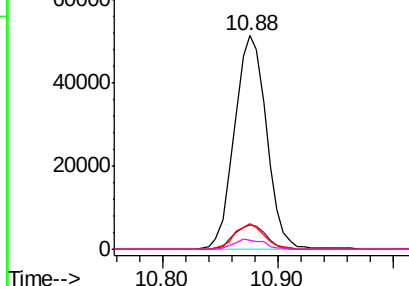
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038633.D
Acq: 16 Dec 2018 10:07

Instrument :
BNA_G
ClientSampleId :
P001-SD010-0612-01

Tot Ion:136	Resp:	98877
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.3 13.9
54	12.2	8.5 12.7
68	4.2	3.5 5.3

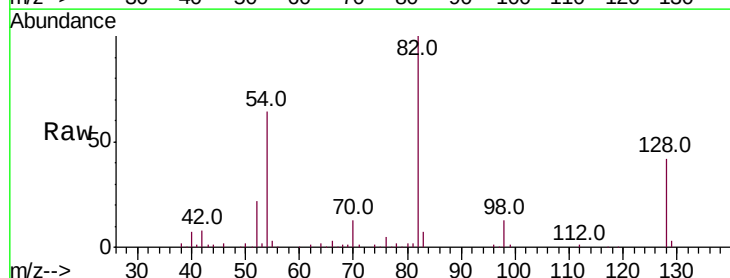


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

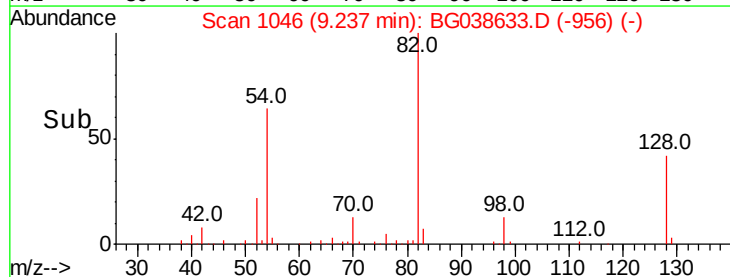
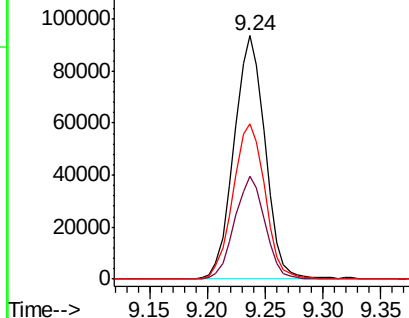


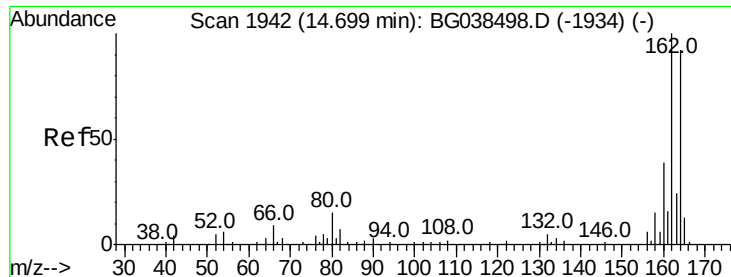
#23
Nitrobenzene-d5
Concen: 90.232 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038633.D
Acq: 16 Dec 2018 10:07

Tgt Ion: 82	Resp:	174641
Ion Ratio	Lower	Upper
82	100	
128	42.1	34.6 52.0
54	63.6	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

Instrument :

BNA_G

ClientSampleId :

P001-SD010-0612-01

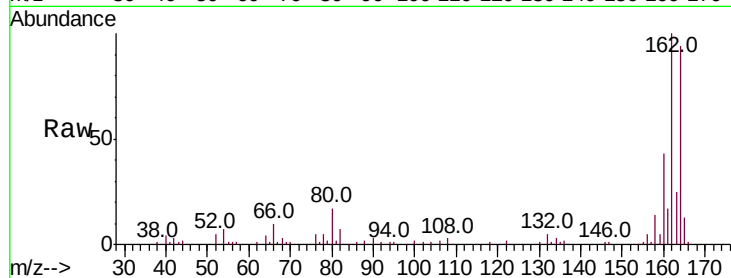
Tot Ion:164 Resp: 61814

Ion Ratio Lower Upper

164 100

162 106.6 86.6 130.0

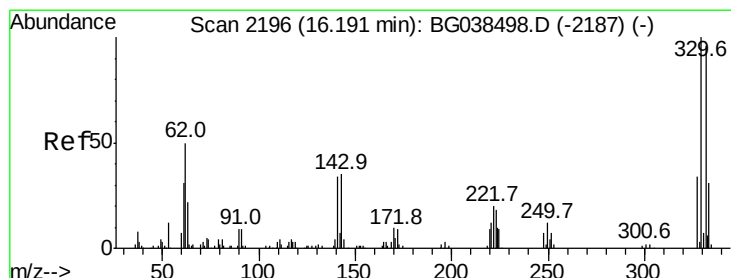
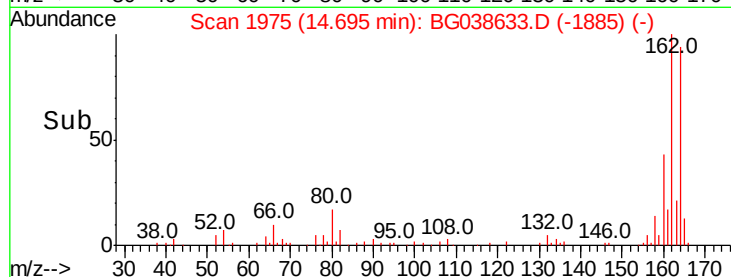
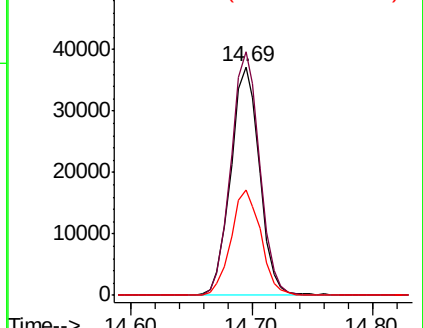
160 46.3 34.2 51.2



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: 125.274 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

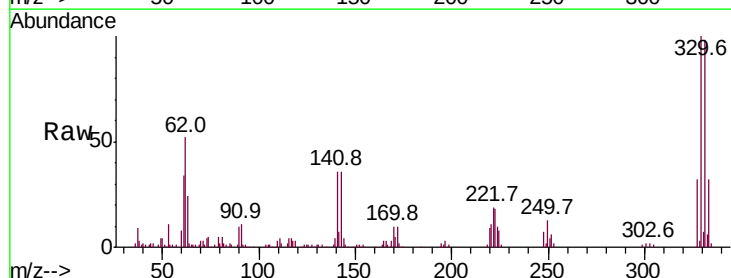
Tgt Ion:330 Resp: 106722

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

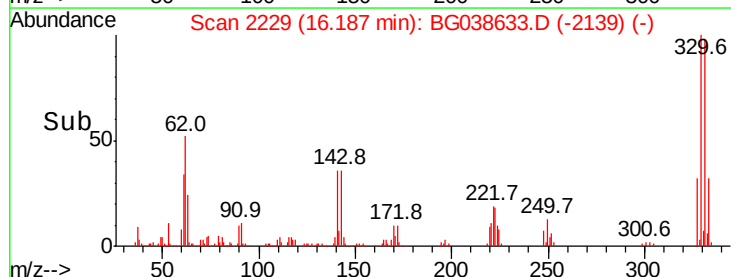
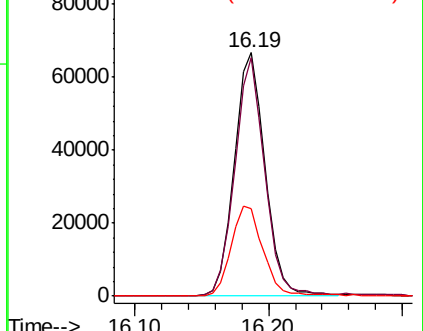
141 38.6 28.8 43.2

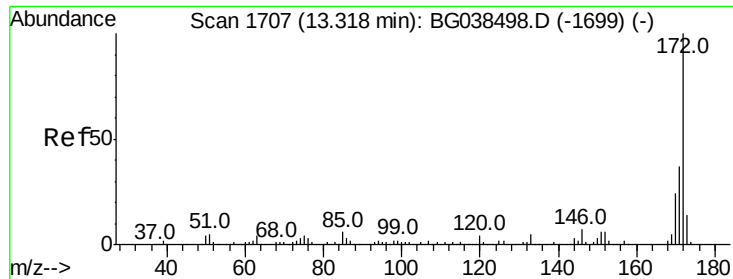


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

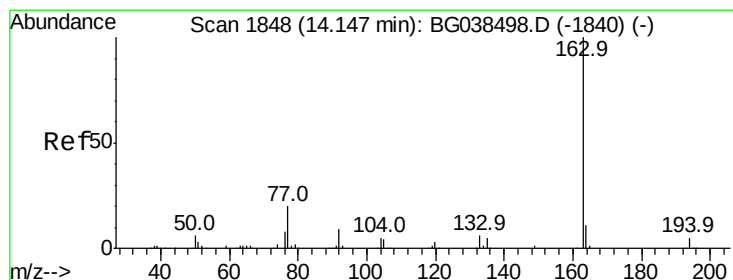
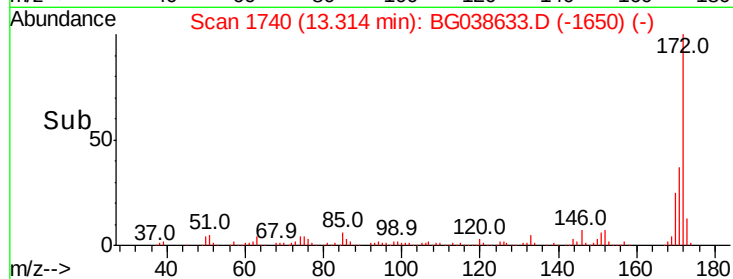
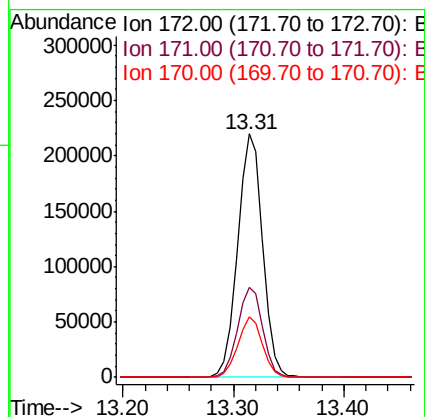
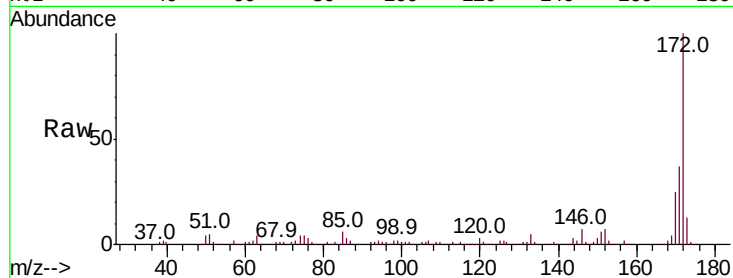




#45
 2-Fluorobiphenyl
 Concen: 77.286 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038633.D
 Acq: 16 Dec 2018 10:07

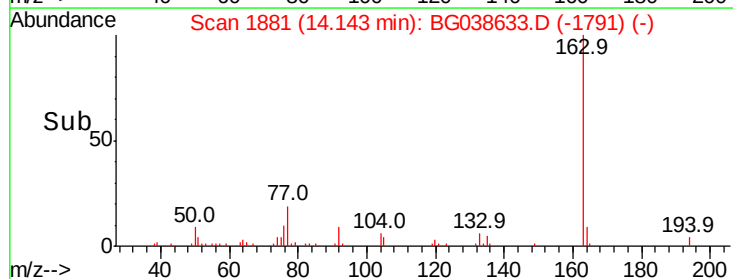
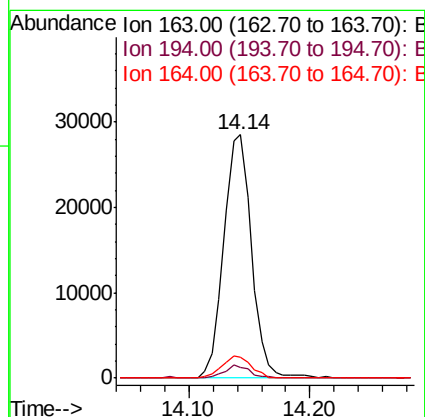
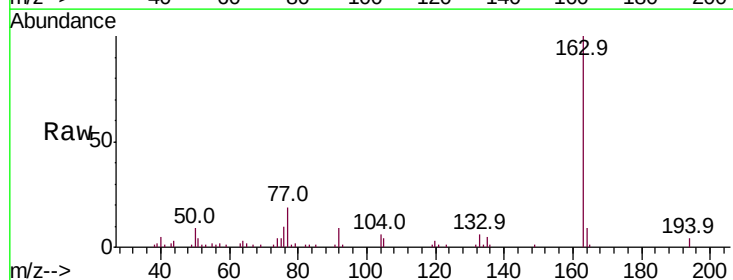
Instrument :
 BNA_G
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 P001-SD010-0612-01

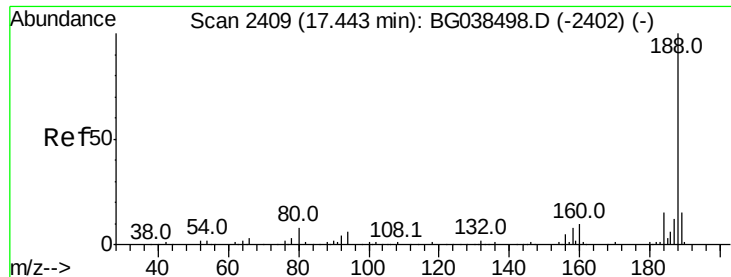
Tot Ion:172 Resp: 348241
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 24.9 19.5 29.3



#50
 Dimethylphthalate
 Concen: 8.980 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG038633.D
 Acq: 16 Dec 2018 10:07

Tgt Ion:163 Resp: 45329
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.7 5.5
 164 8.5 8.6 12.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

Instrument :

BNA_G

ClientSampleId :

P001-SD010-0612-01

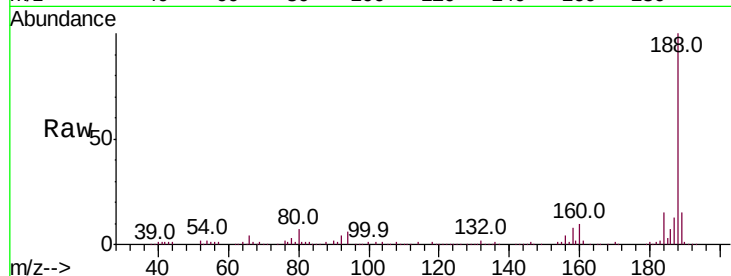
Tot Ion:188 Resp: 145681

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

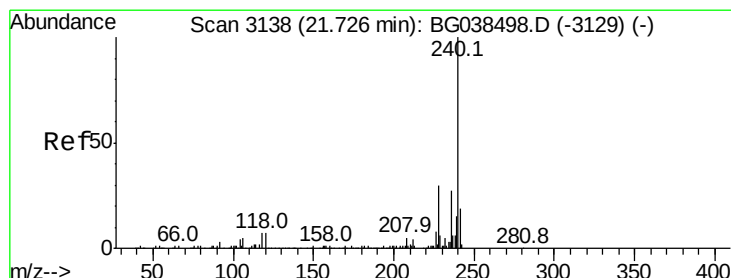
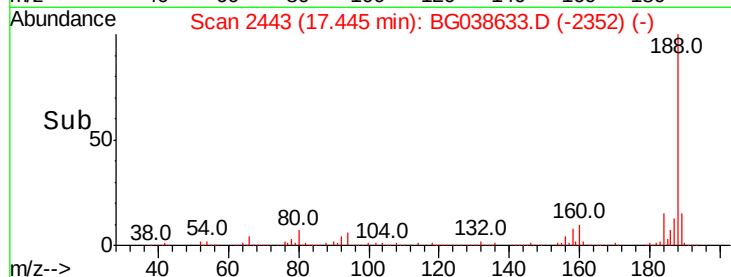
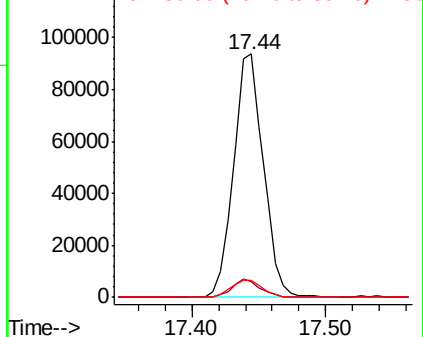
80 7.0 6.1 9.1



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

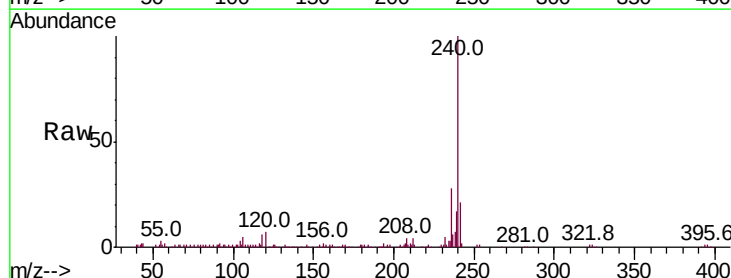
Tgt Ion:240 Resp: 147672

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

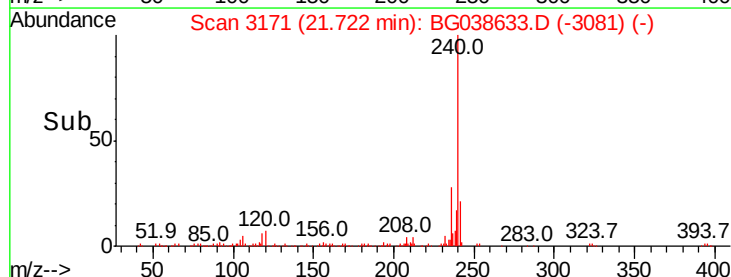
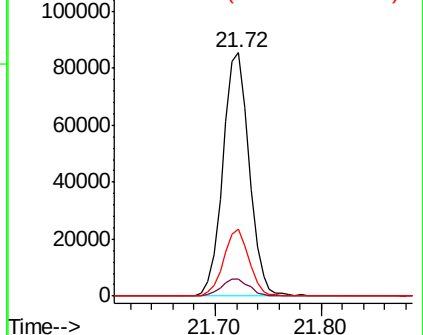
236 27.5 21.4 32.2

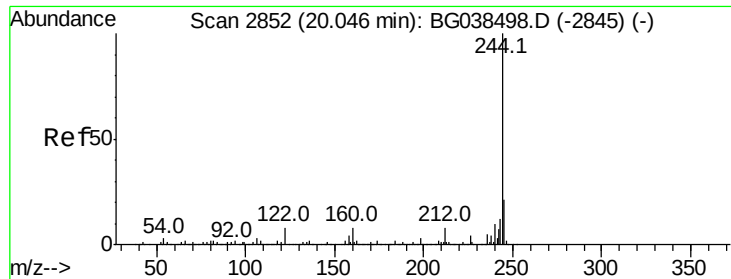


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.108 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

Instrument :

BNA_G

ClientSampleId :

P001-SD010-0612-01

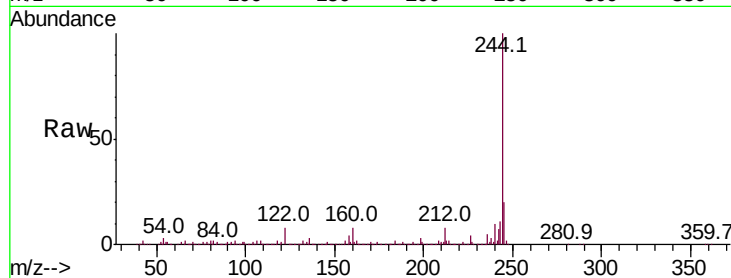
Tot Ion:244 Resp: 536776

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

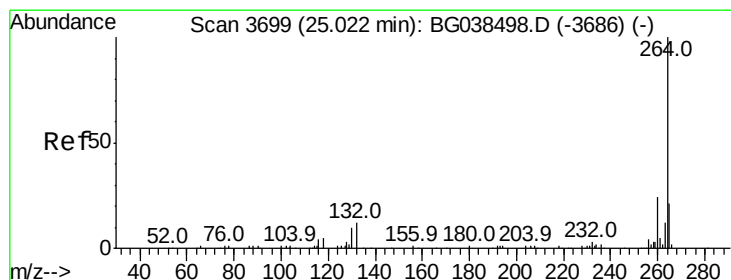
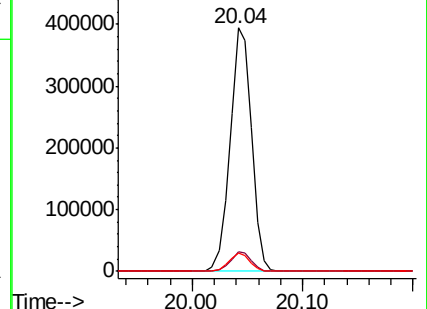
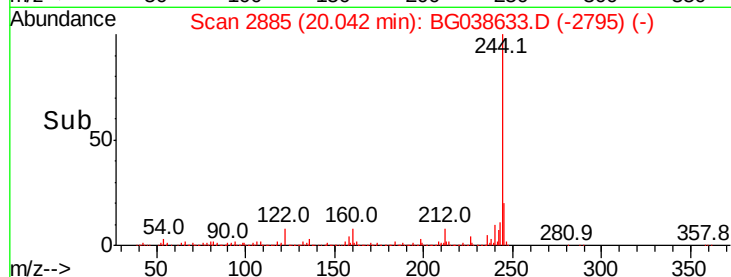
122 7.7 6.3 9.5



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

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038633.D

Acq: 16 Dec 2018 10:07

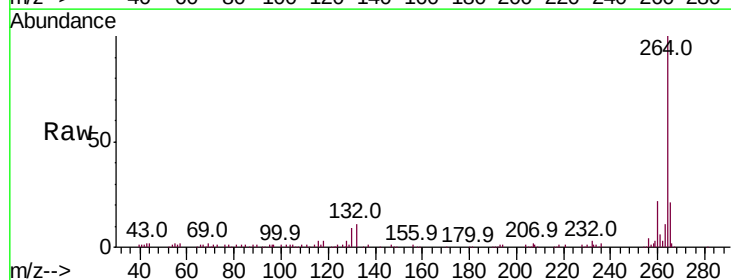
Tgt Ion:264 Resp: 165868

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 20.8 17.0 25.4



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

