

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\
 Data File : BG038477.D
 Acq On : 11 Dec 2018 19:58
 Operator : JU/SJ
 Sample : J6195-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-B

Quant Time: Dec 12 03:49:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26574	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	135536	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	66619	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	174870	20.00	ng	0.00
76) Chrysene-d12	21.73	240	169262	20.00	ng	0.00
87) Perylene-d12	25.04	264	161189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	219074	145.89	ng	0.00
7) Phenol-d6	7.22	99	277306	127.77	ng	0.00
23) Nitrobenzene-d5	9.25	82	219614	80.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	149595	182.92	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	525774	112.46	ng	0.00
79) Terphenyl-d14	20.05	244	975532	123.47	ng	0.00

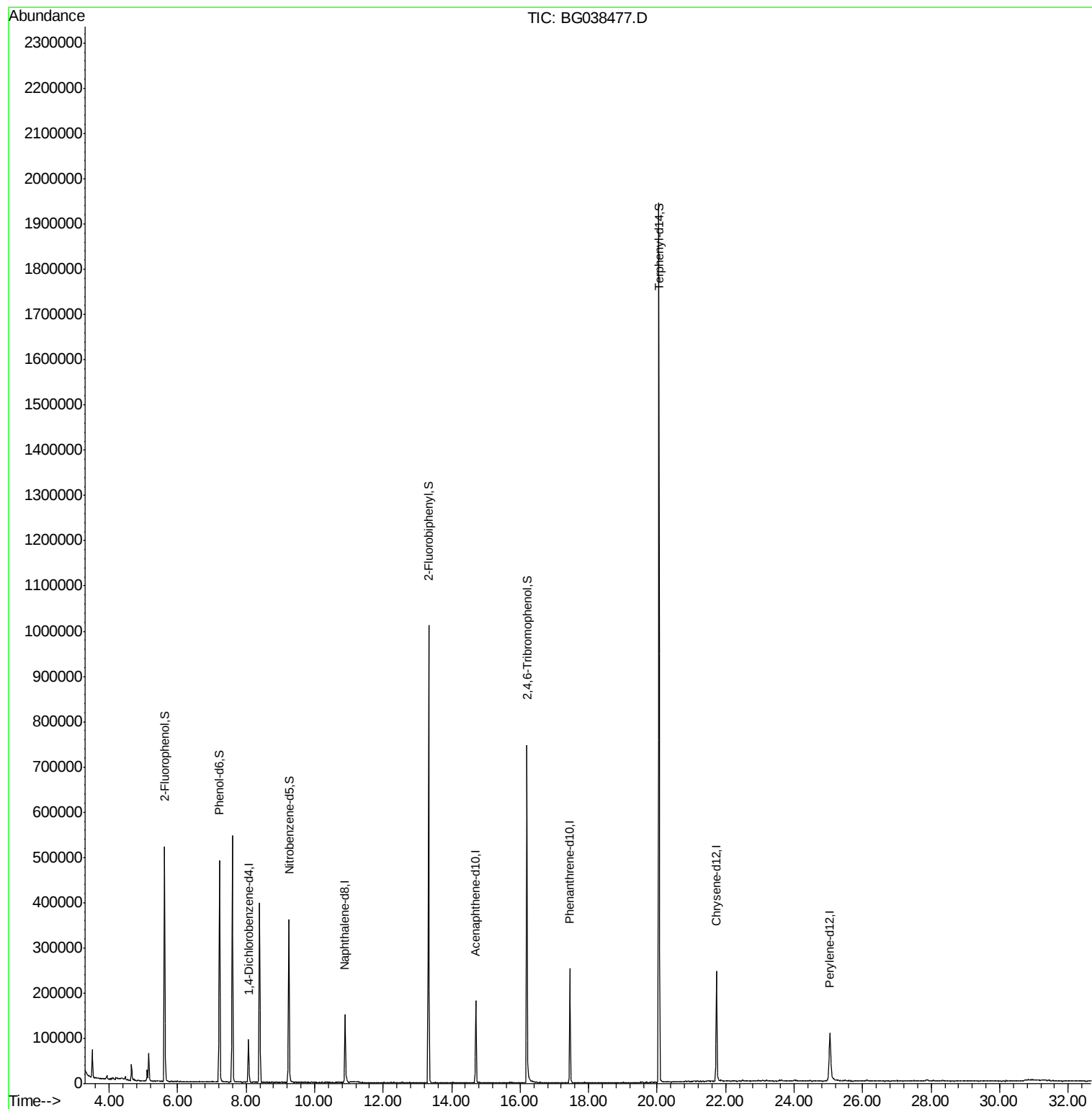
Target Compounds Qvalue

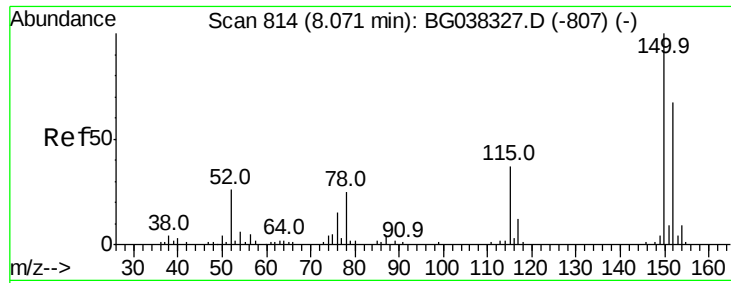
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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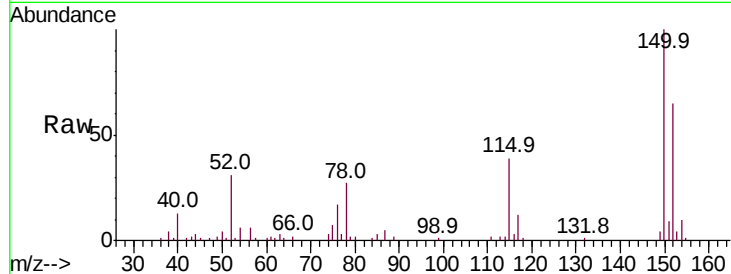


#1

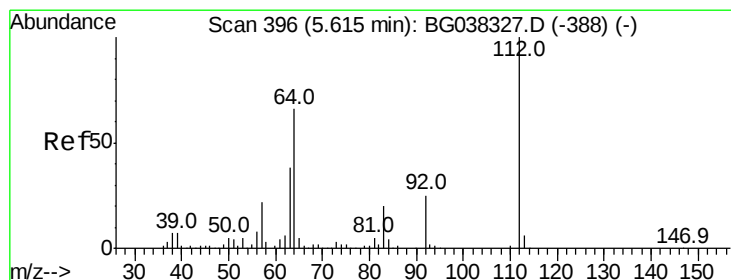
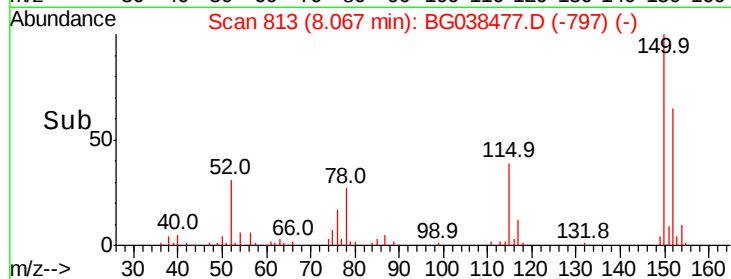
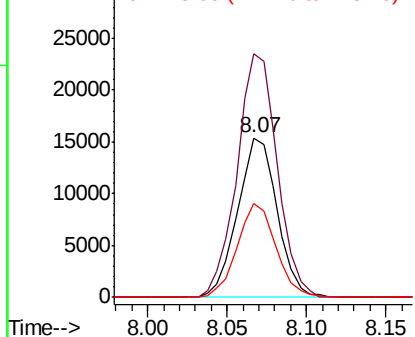
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-B

Tot Ion:152 Resp: 26574
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 59.0 45.5 68.3



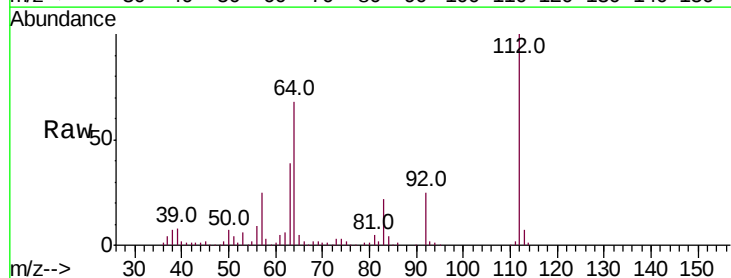
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



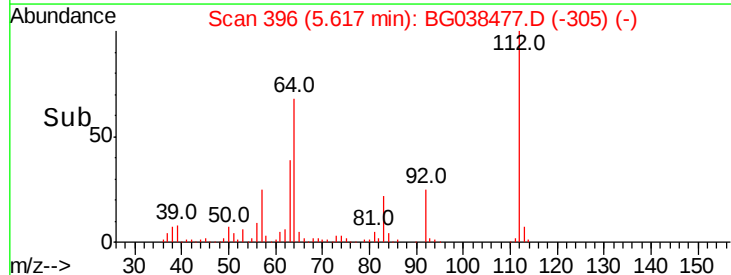
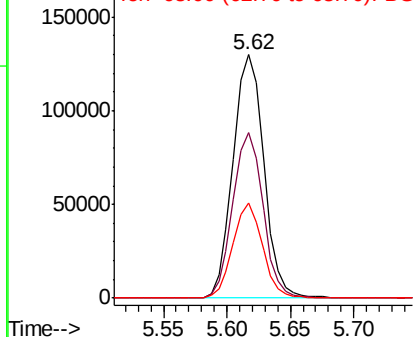
#5

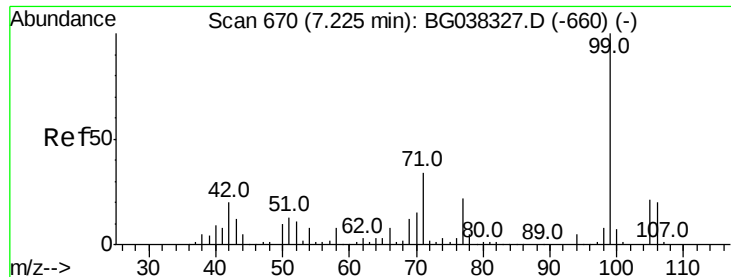
2-Fluorophenol
Concen: 145.888 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038477.D
Acq: 11 Dec 2018 19:58

Tgt Ion:112 Resp: 219074
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 39.2 27.3 40.9



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





#7

Phenol-d6

Concen: 127.767 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-B

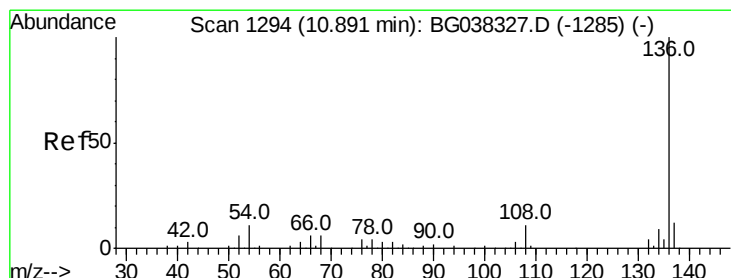
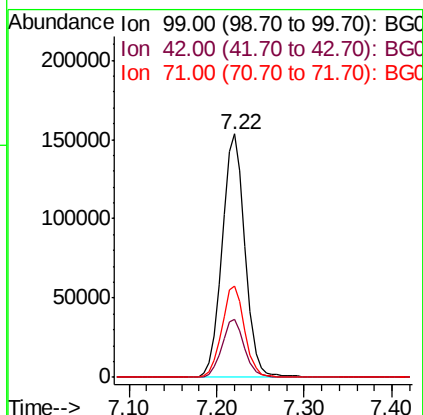
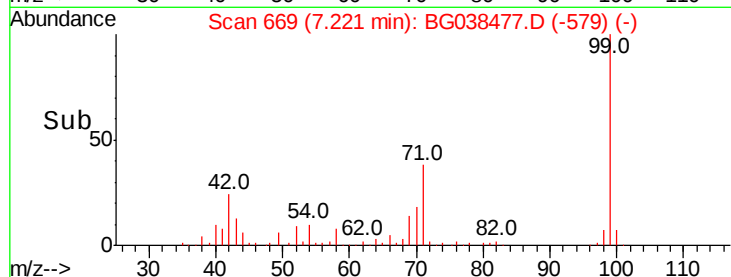
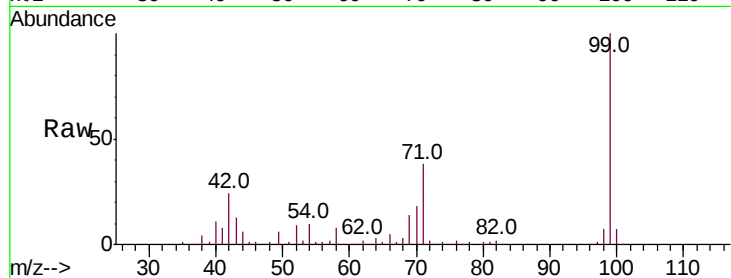
Tot Ion: 99 Resp: 277306

Ion Ratio Lower Upper

99 100

42 23.7 15.0 22.4#

71 37.8 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

Tgt Ion: 136 Resp: 135536

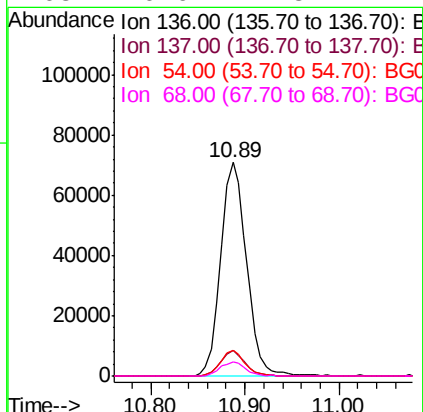
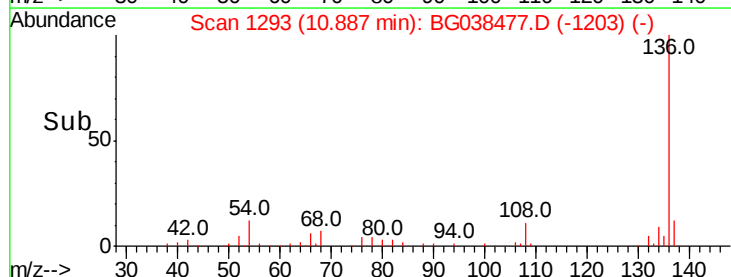
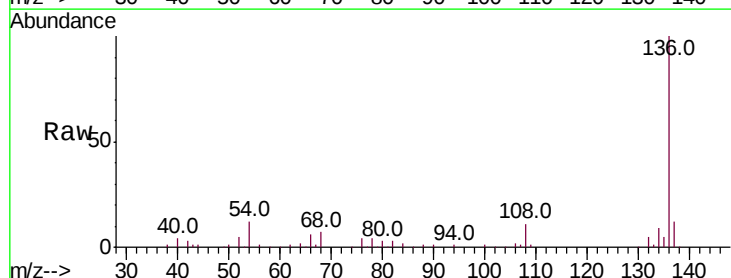
Ion Ratio Lower Upper

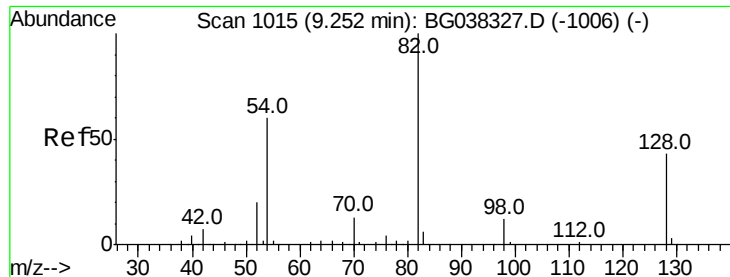
136 100

137 12.0 9.6 14.4

54 11.7 7.9 11.9

68 6.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.446 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-B

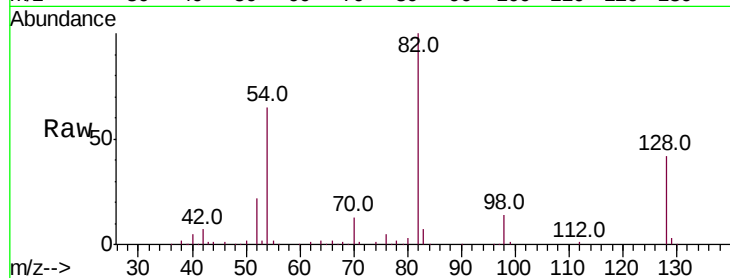
Tot Ion: 82 Resp: 219614

Ion Ratio Lower Upper

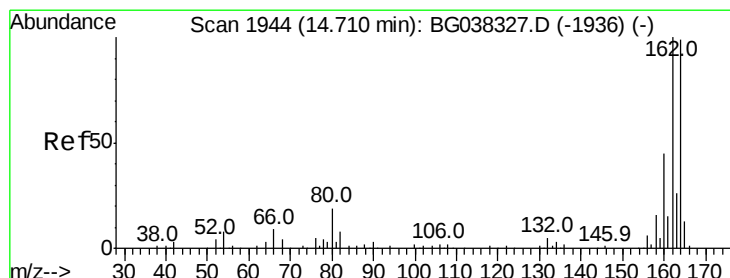
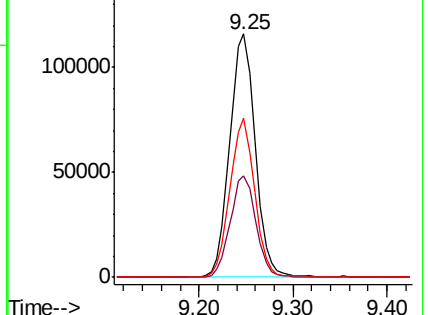
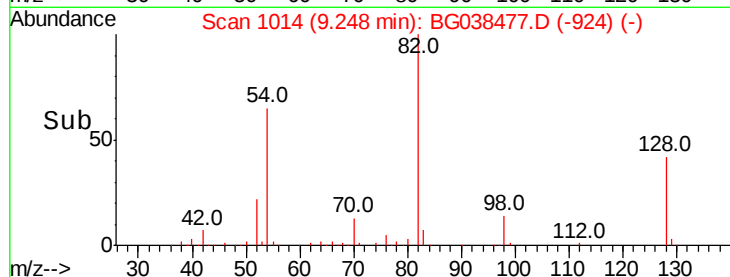
82 100

128 41.8 34.6 51.8

54 65.3 45.3 67.9



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: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

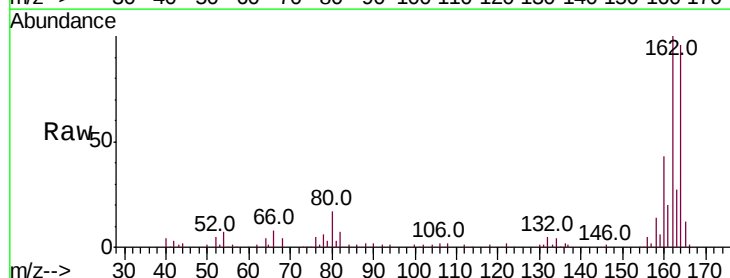
Tgt Ion: 164 Resp: 66619

Ion Ratio Lower Upper

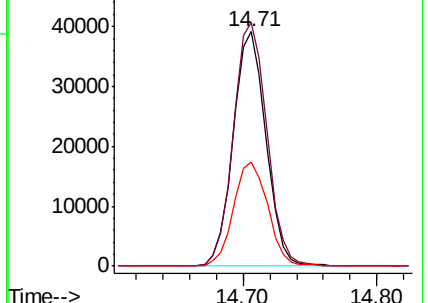
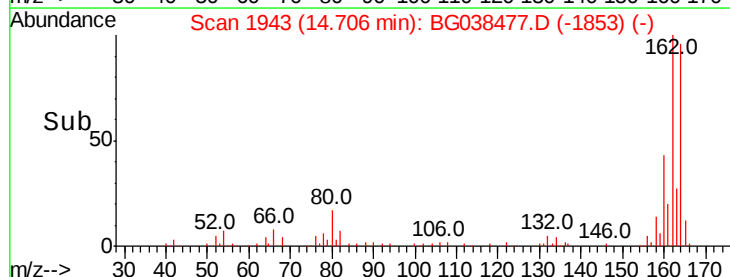
164 100

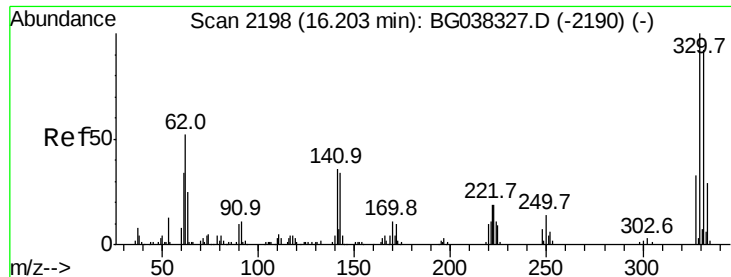
162 103.9 81.3 121.9

160 44.3 36.3 54.5



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: 182.917 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-B

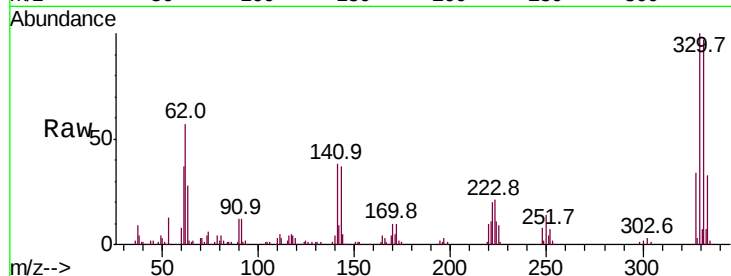
Tot Ion:330 Resp: 149595

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

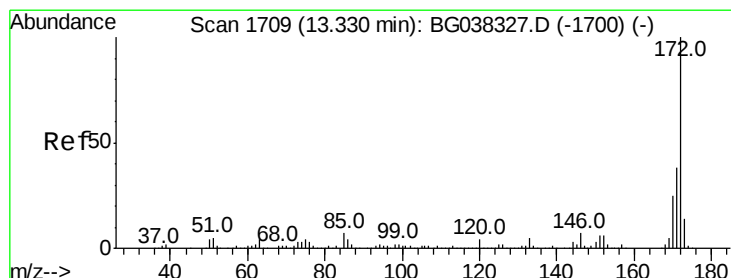
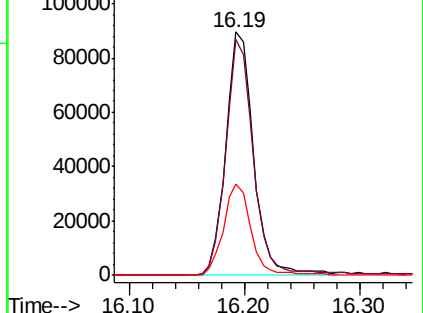
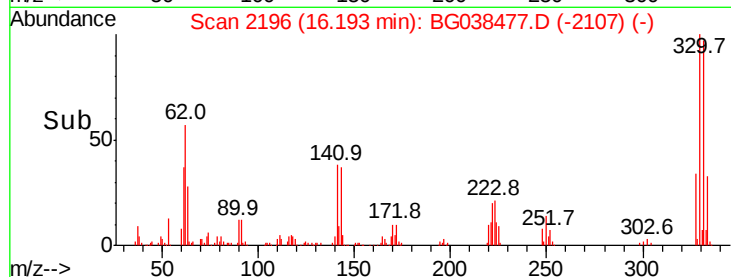
141 37.4 32.2 48.2



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: 112.458 ng

RT: 13.33 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

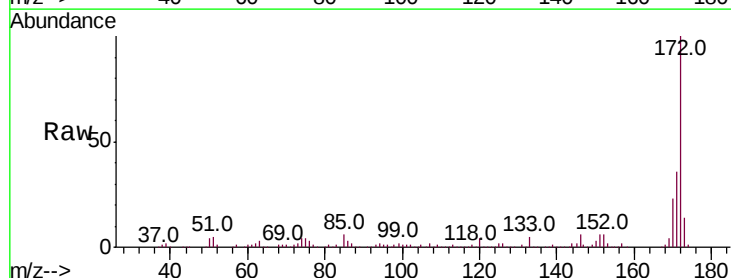
Tgt Ion:172 Resp: 525774

Ion Ratio Lower Upper

172 100

171 36.2 31.0 46.4

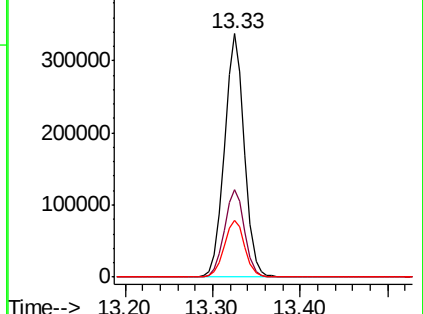
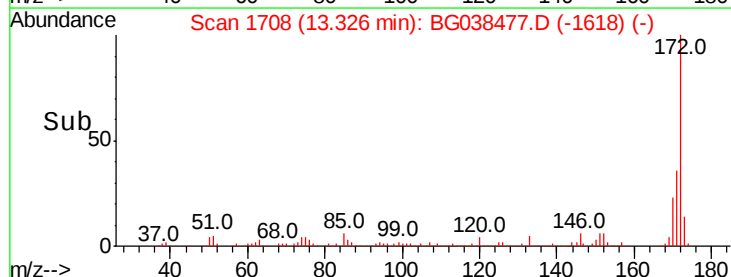
170 23.4 20.2 30.2

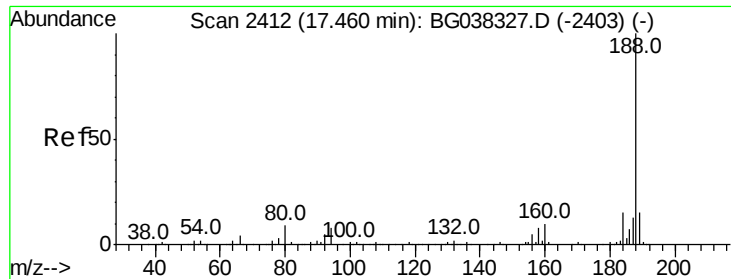


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-B

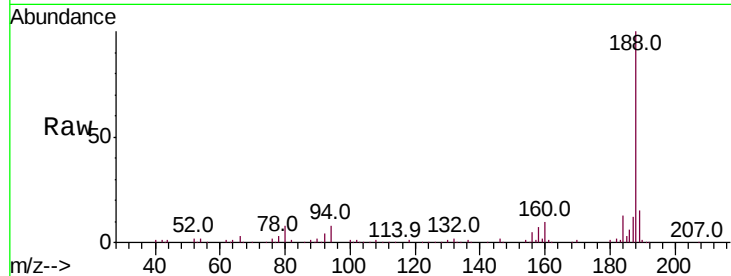
Tot Ion:188 Resp: 174870

Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

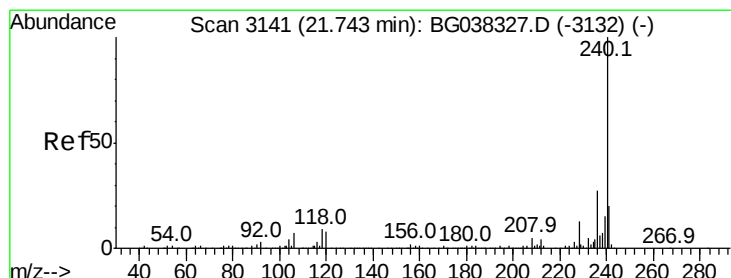
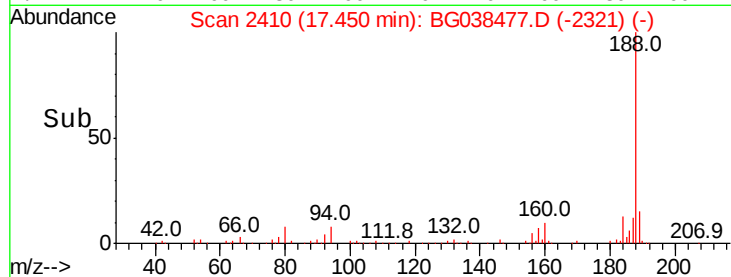
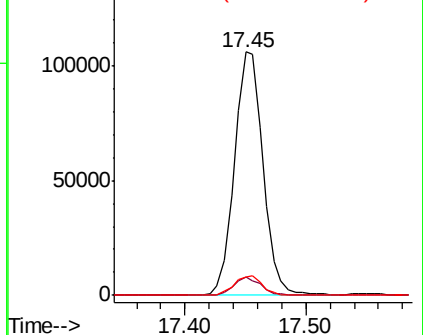
80 7.7 7.7 11.5#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

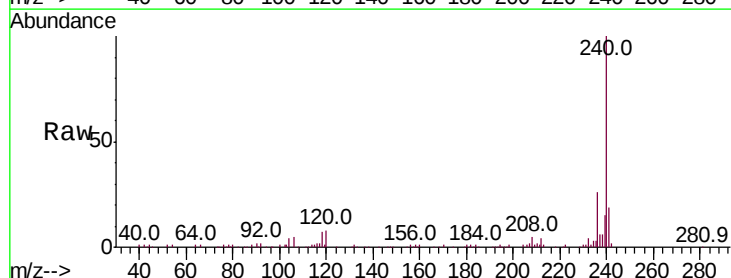
Tgt Ion:240 Resp: 169262

Ion Ratio Lower Upper

240 100

120 7.6 8.1 12.1#

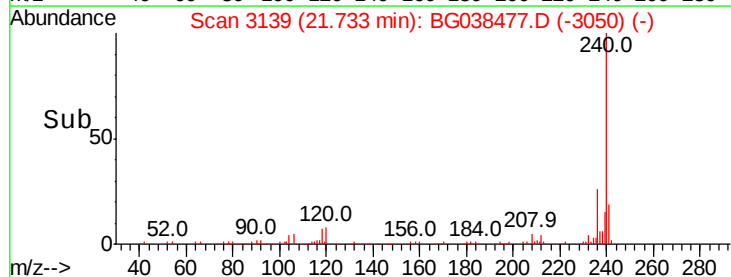
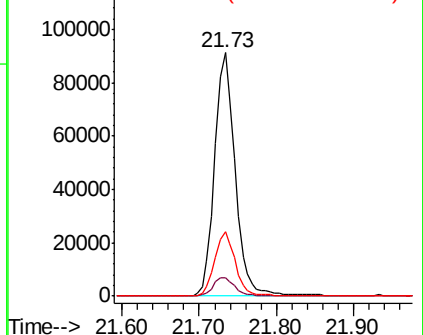
236 26.3 21.4 32.0

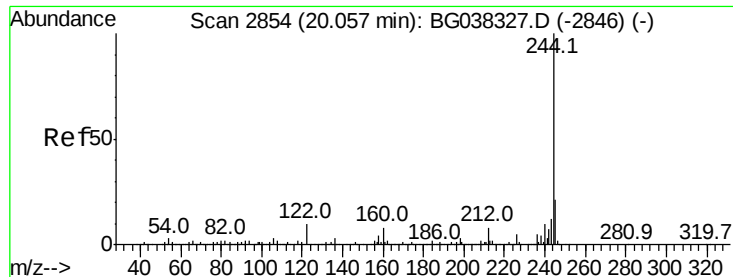


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 123.468 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-B

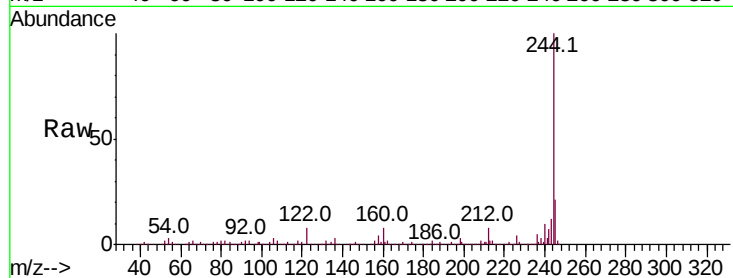
Tot Ion:244 Resp: 975532

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

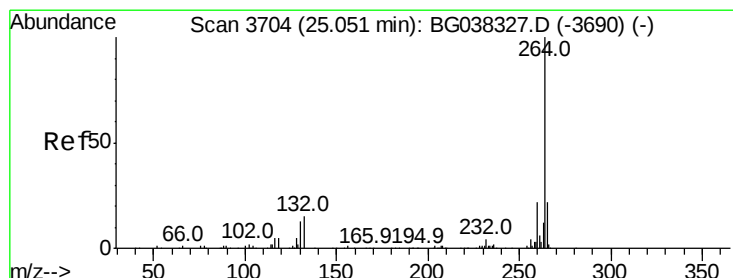
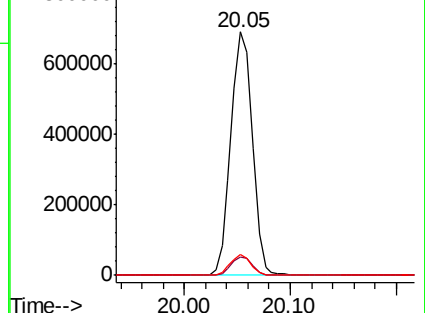
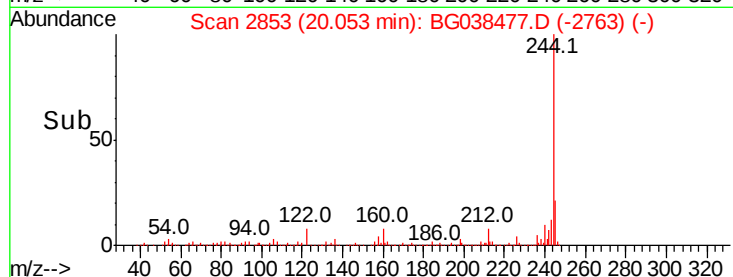
122 8.4 9.0 13.4#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038477.D

Acq: 11 Dec 2018 19:58

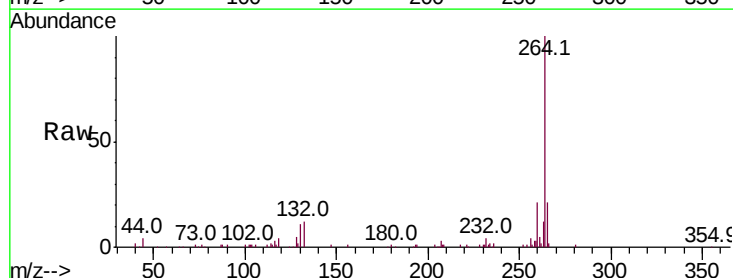
Tgt Ion:264 Resp: 161189

Ion Ratio Lower Upper

264 100

260 21.4 18.2 27.4

265 20.8 17.9 26.9



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

