

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038620.D
 Acq On : 16 Dec 2018 1:28
 Operator : JU/SJ
 Sample : PB115432TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115432TB

Quant Time: Dec 16 04:23:02 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	22173	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	86850	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	55040	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	142899	20.00	ng	0.00
76) Chrysene-d12	21.72	240	155562	20.00	ng	0.00
87) Perylene-d12	25.01	264	161872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	156090	124.86	ng	0.00
7) Phenol-d6	7.21	99	207382	120.84	ng	0.00
23) Nitrobenzene-d5	9.24	82	133763	78.68	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	84901	111.93	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	313071	78.03	ng	0.00
79) Terphenyl-d14	20.04	244	615428	86.10	ng	0.00

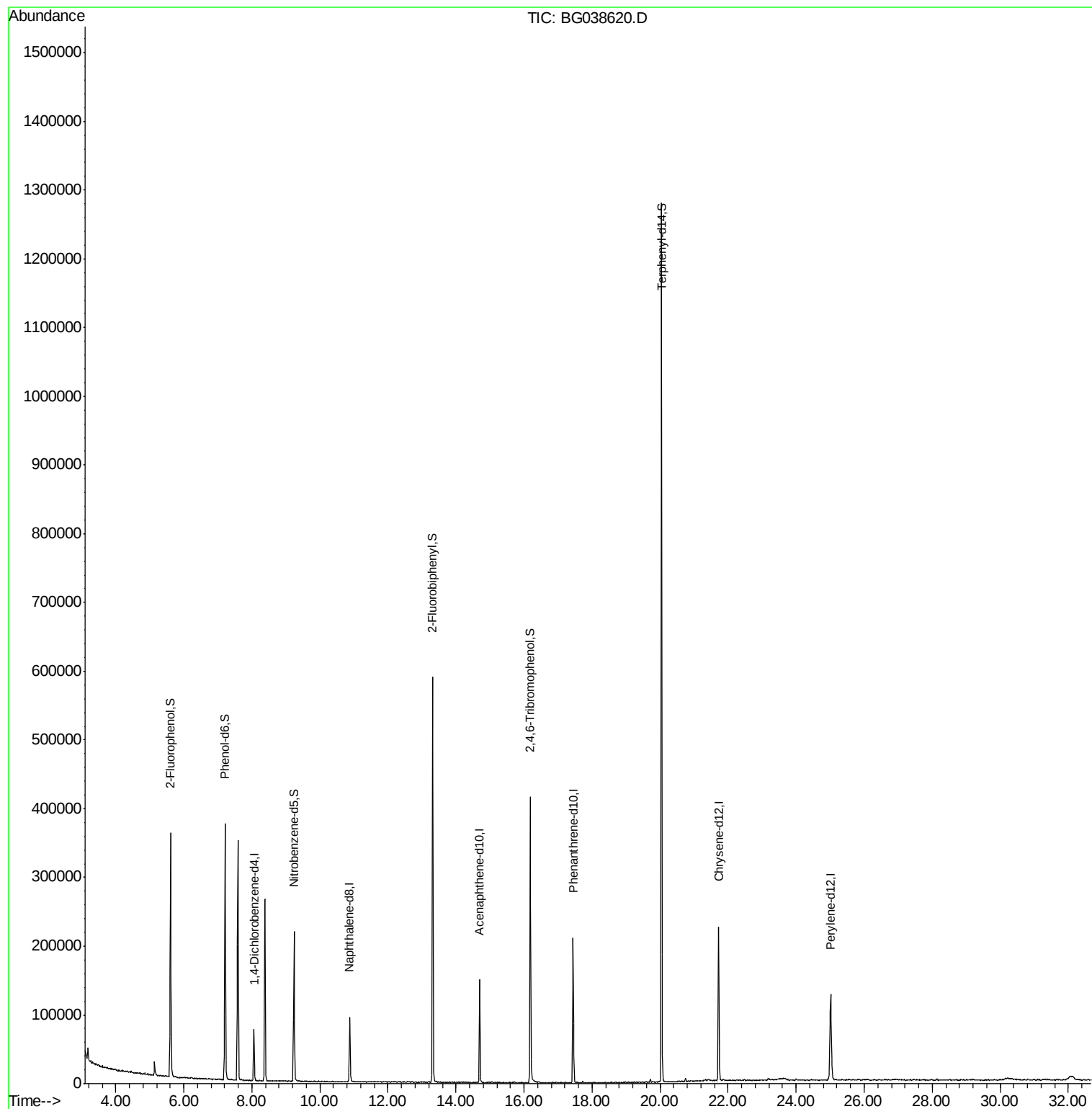
Target Compounds Qvalue

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

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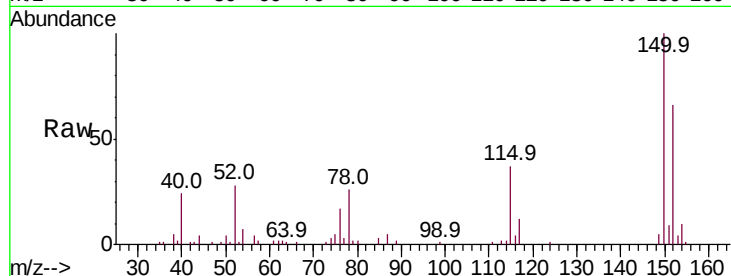


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG038620.D
 Acq: 16 Dec 2018 1:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115432TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	56.5	49.6	74.4

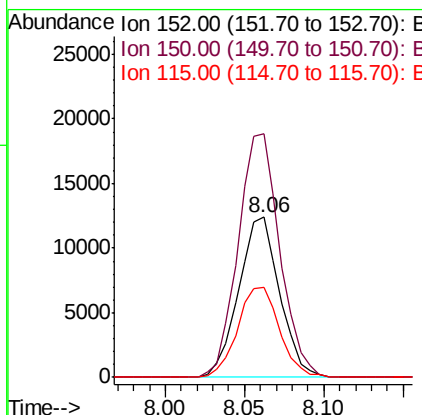
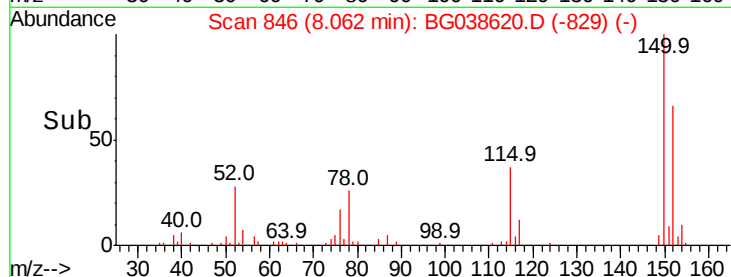


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

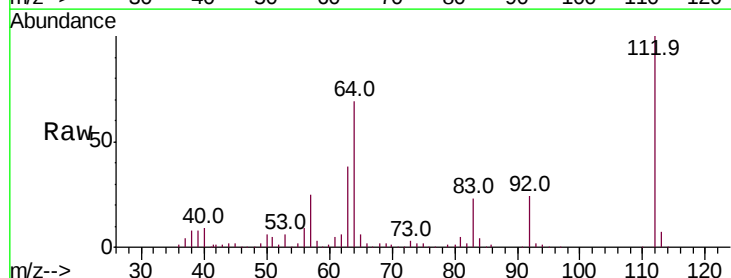
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 124.859 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038620.D
 Acq: 16 Dec 2018 1:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.4	80.2
63	37.6	29.3	43.9

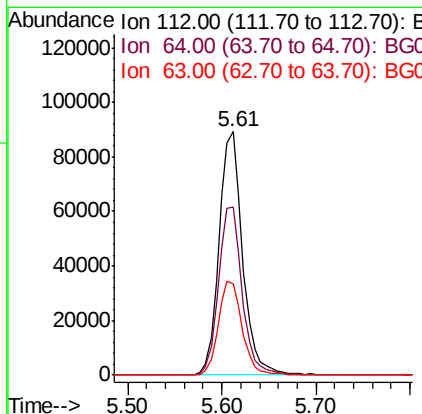
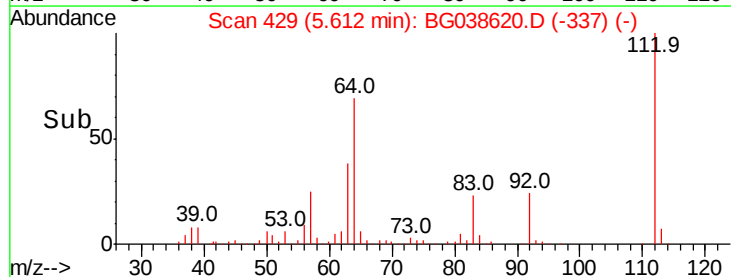


Abundance

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: 120.839 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115432TB

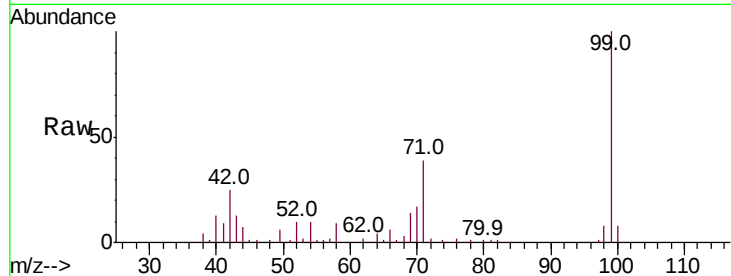
Tot Ion: 99 Resp: 207382

Ion Ratio Lower Upper

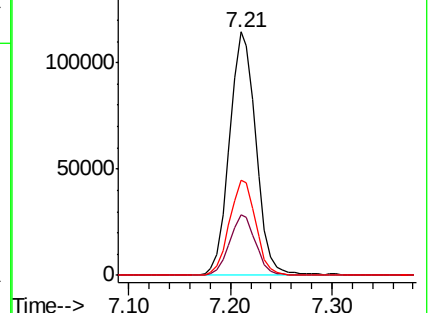
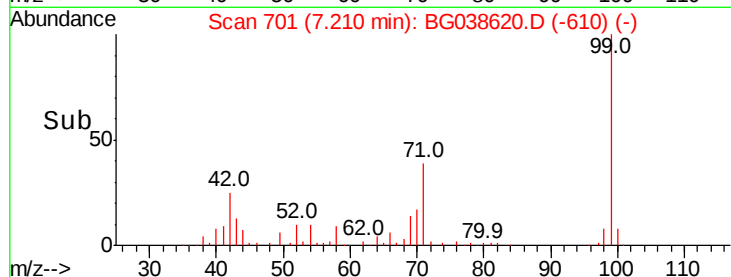
99 100

42 24.7 18.5 27.7

71 39.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Tgt Ion: 136 Resp: 86850

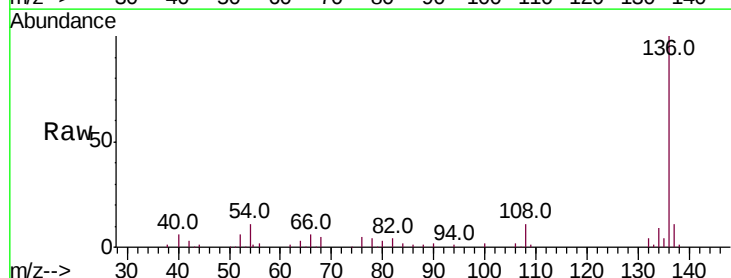
Ion Ratio Lower Upper

136 100

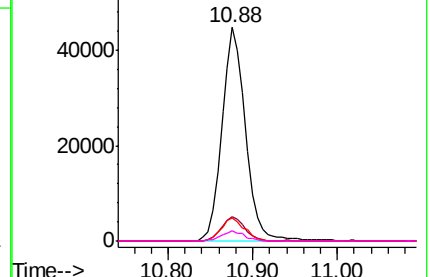
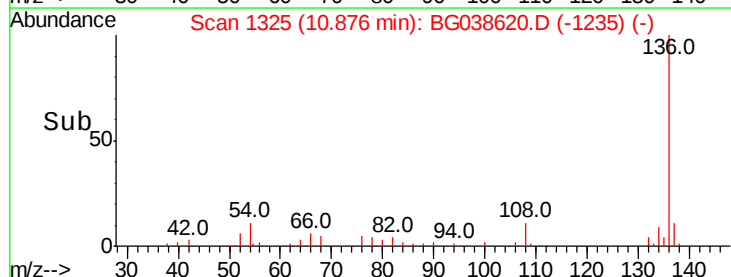
137 11.3 9.3 13.9

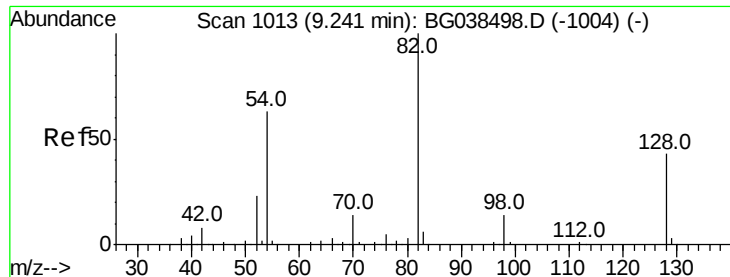
54 11.1 8.5 12.7

68 5.0 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

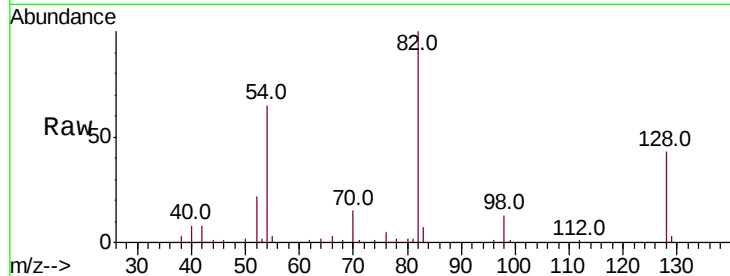




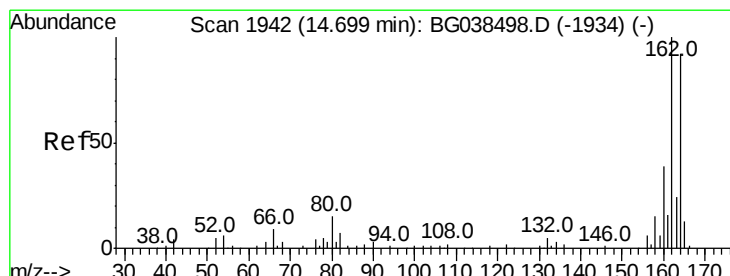
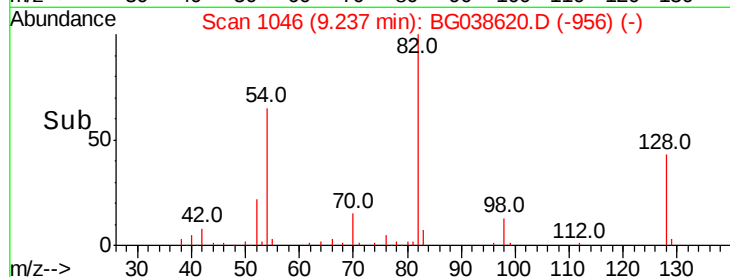
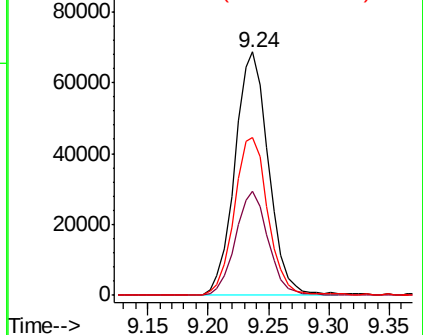
#23
Nitrobenzene-d5
Concen: 78.682 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Instrument :
BNA_G
ClientSampleId :
PB115432TB

Tot Ion: 82 Resp: 133763
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 65.0 50.6 76.0

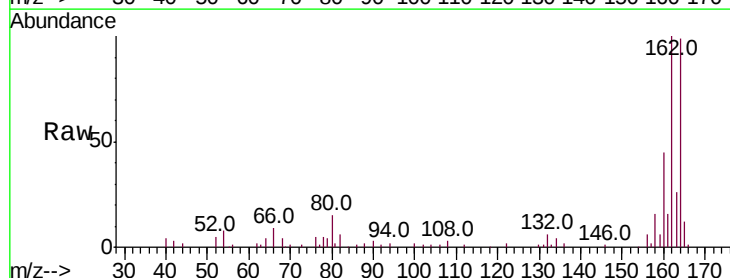


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

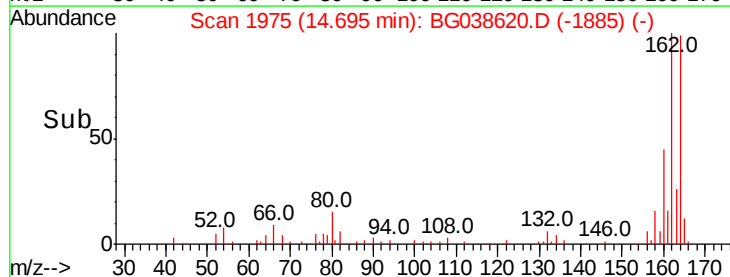
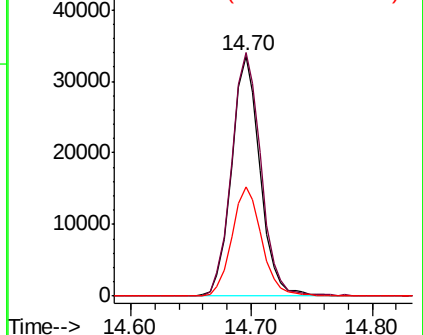


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038620.D
Acq: 16 Dec 2018 1:28

Tgt Ion: 164 Resp: 55040
Ion Ratio Lower Upper
164 100
162 101.4 86.6 130.0
160 45.5 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: 111.925 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115432TB

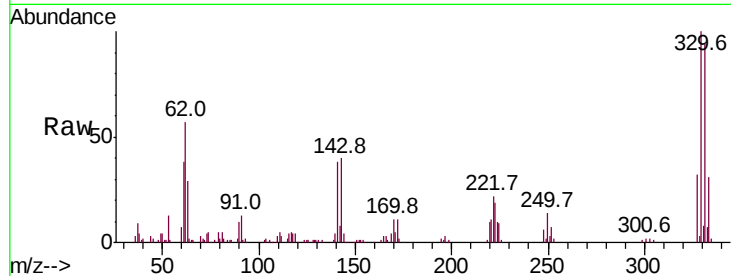
Tot Ion:330 Resp: 84901

Ion Ratio Lower Upper

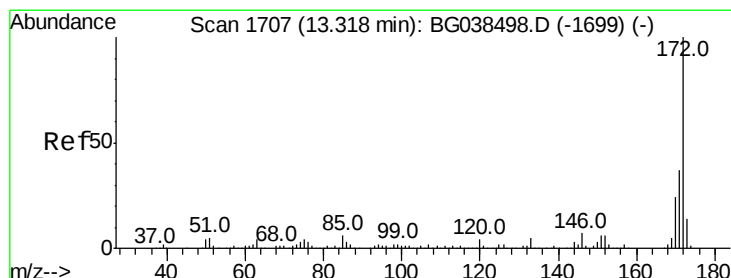
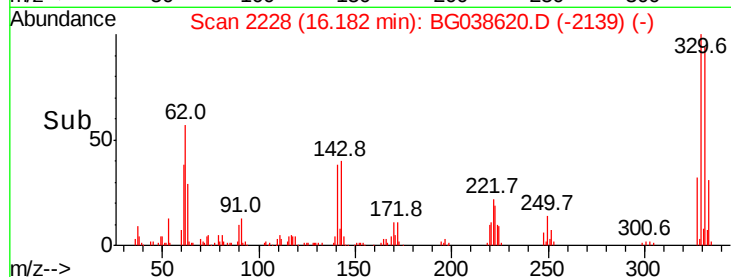
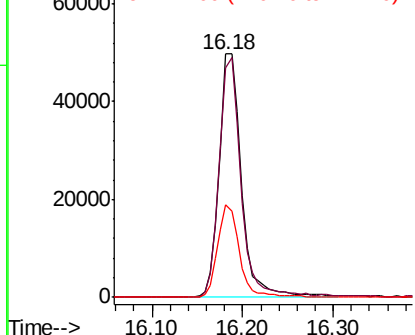
330 100

332 96.0 76.9 115.3

141 36.8 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: 78.032 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

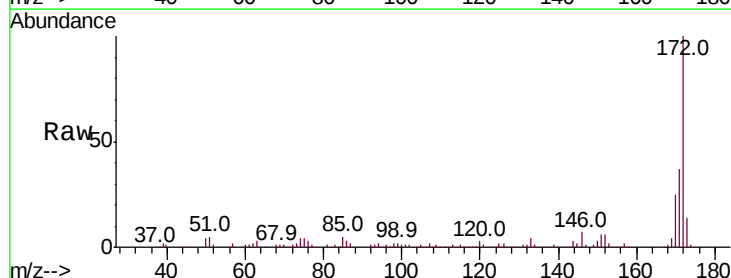
Tgt Ion:172 Resp: 313071

Ion Ratio Lower Upper

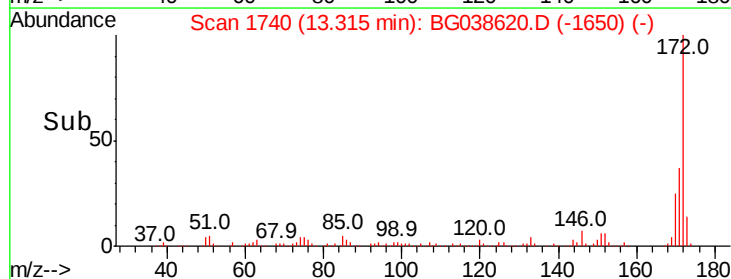
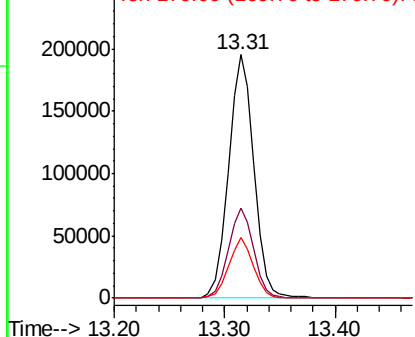
172 100

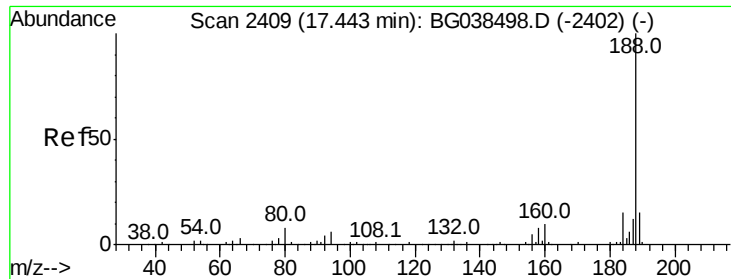
171 36.9 29.8 44.6

170 24.7 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115432TB

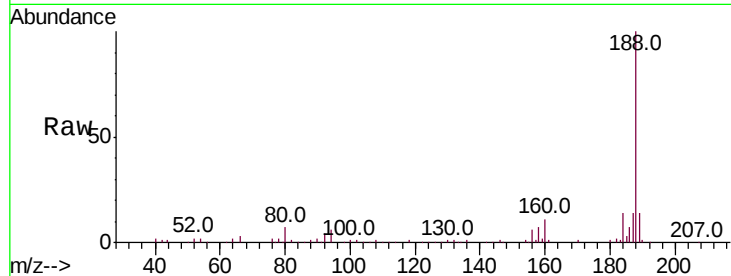
Tot Ion:188 Resp: 142899

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

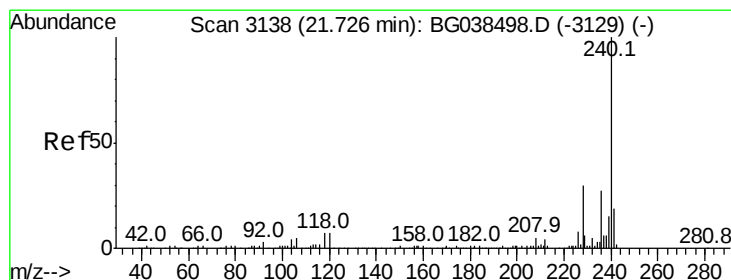
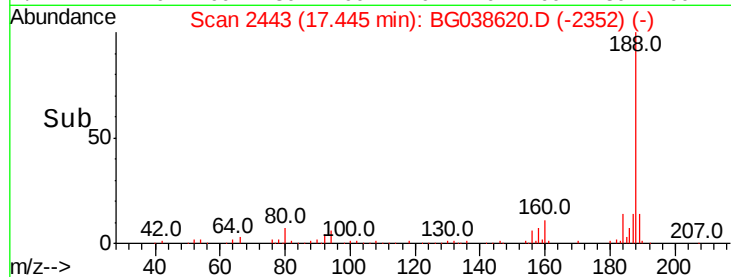
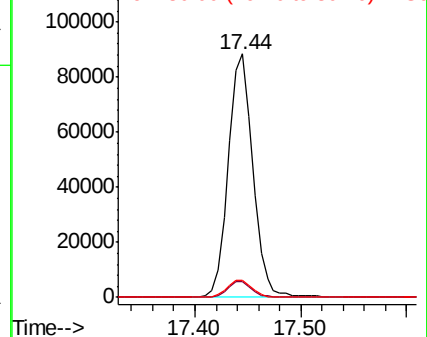
80 7.2 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

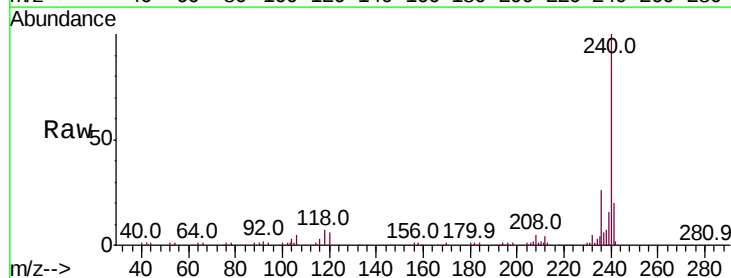
Tgt Ion:240 Resp: 155562

Ion Ratio Lower Upper

240 100

120 6.4 5.3 7.9

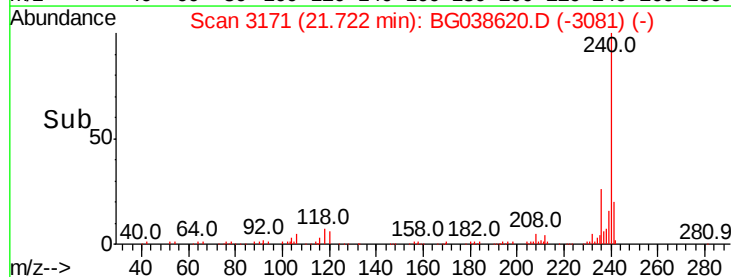
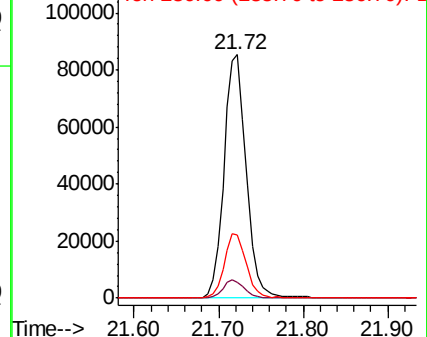
236 25.9 21.4 32.2

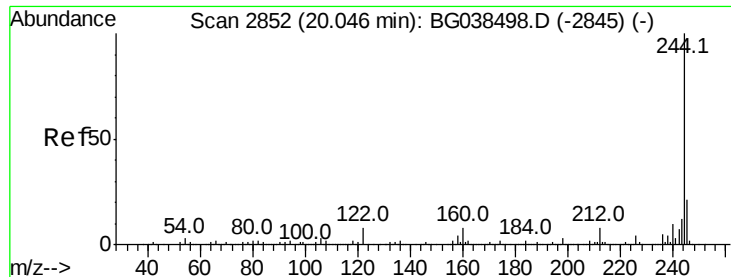


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.099 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038620.D

Acq: 16 Dec 2018 1:28

Instrument :

BNA_G

ClientSampleId :

PB115432TB

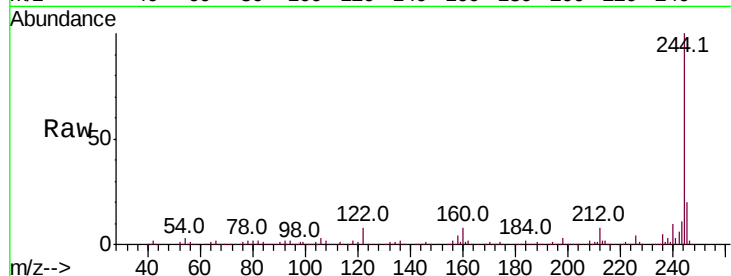
Tot Ion:244 Resp: 615428

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

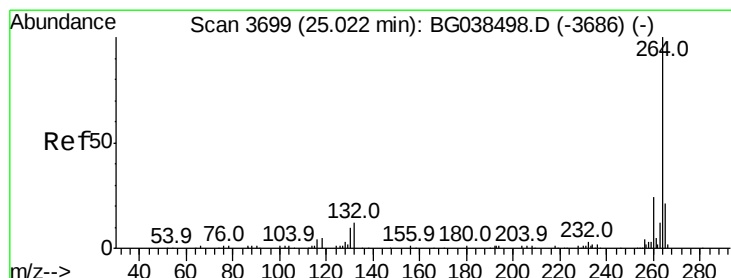
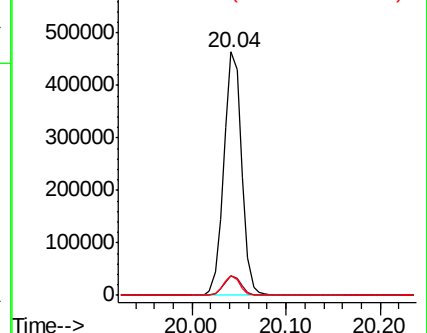
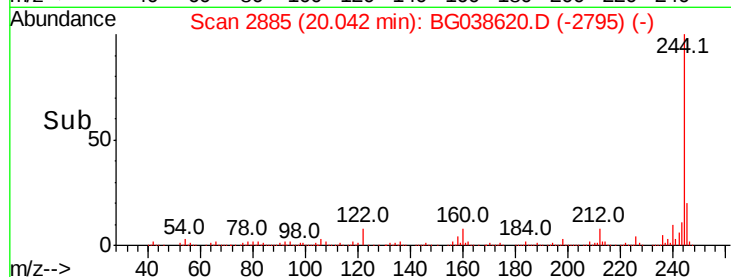
122 7.9 6.3 9.5



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: BG038620.D

Acq: 16 Dec 2018 1:28

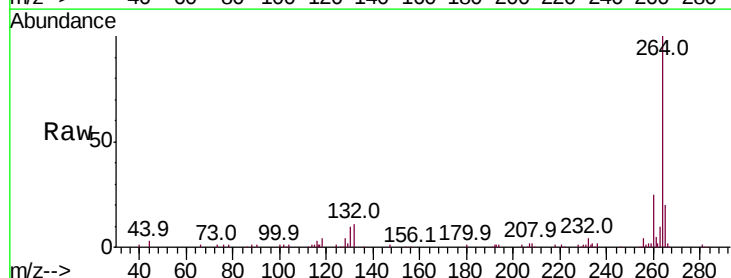
Tgt Ion:264 Resp: 161872

Ion Ratio Lower Upper

264 100

260 24.6 18.9 28.3

265 20.1 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

