

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038548.D
 Acq On : 14 Dec 2018 1:17
 Operator : JU/SJ
 Sample : J6347-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-02

Quant Time: Dec 14 02:13:37 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	22194	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	86464	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58064	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	155204	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161770	20.00	ng	0.00
87) Perylene-d12	25.01	264	173188	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	61312	49.00	ng	0.00
7) Phenol-d6	7.21	99	49898	29.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	192400	113.68	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	92199	115.22	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	447720	105.78	ng	0.00
79) Terphenyl-d14	20.05	244	810397	109.02	ng	0.00

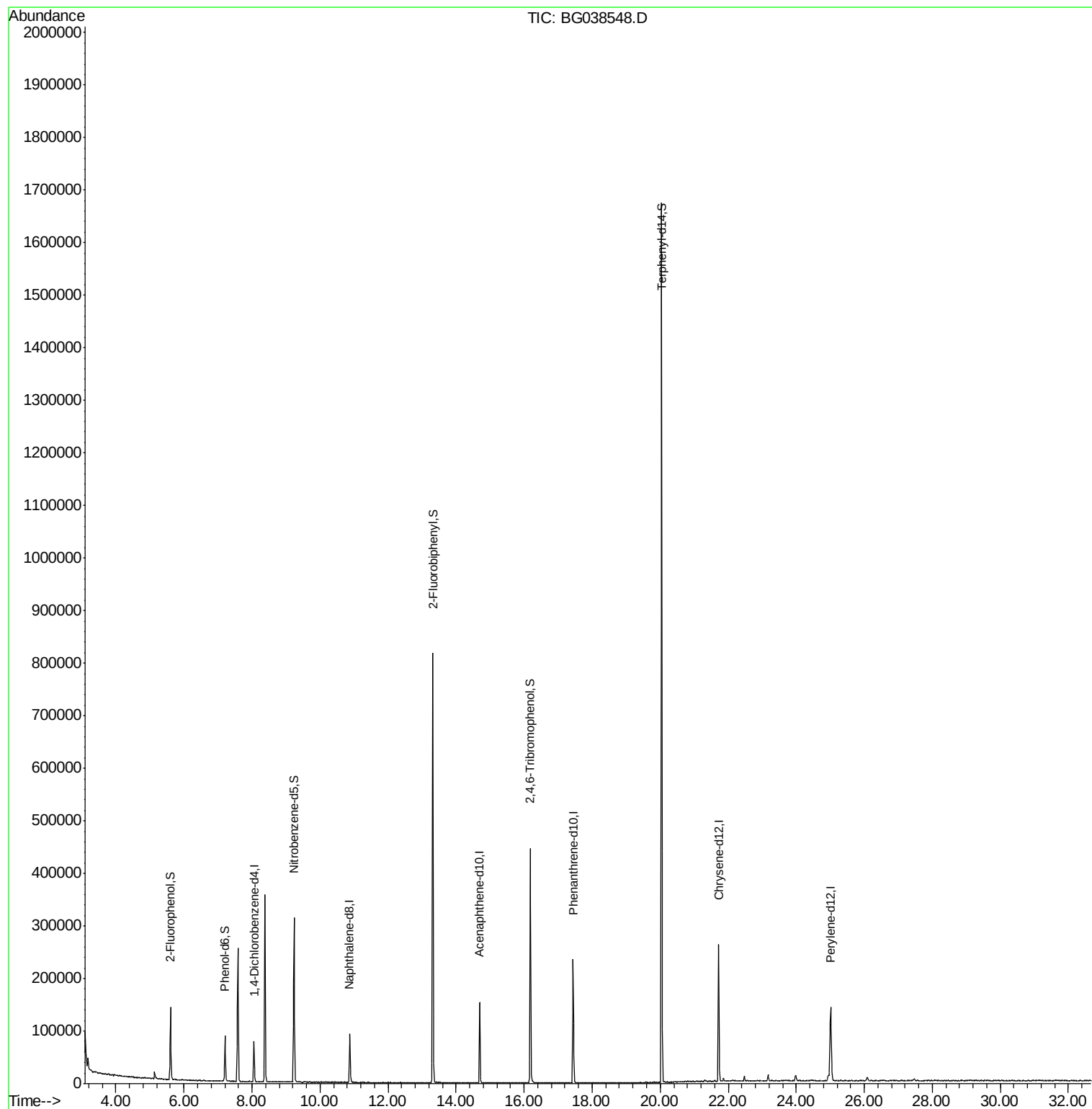
Target Compounds	Qvalue
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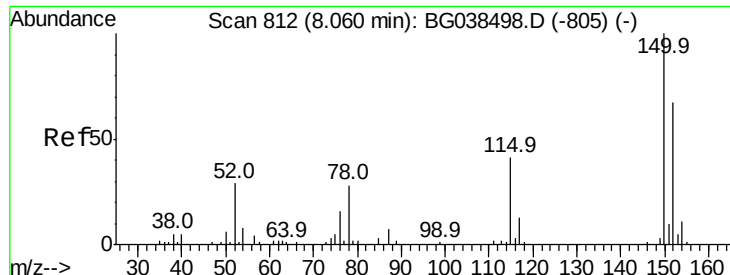
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

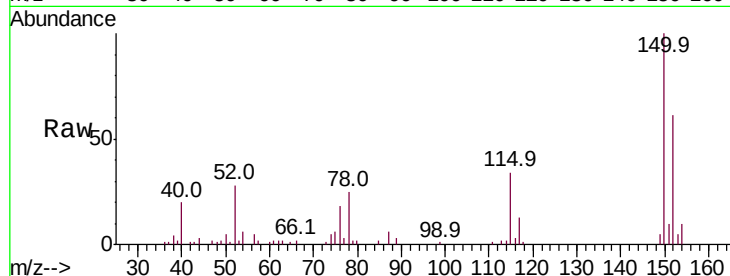
Tot Ion:152 Resp: 22194

Ion Ratio Lower Upper

152 100

150 164.3 119.5 179.3

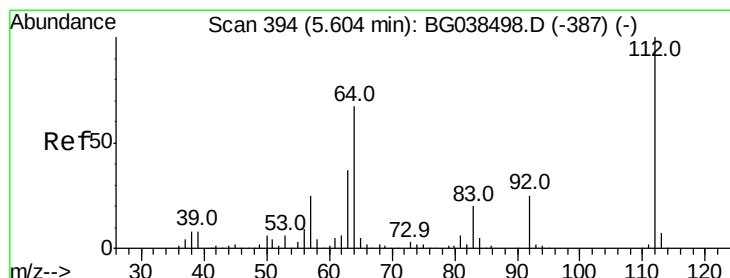
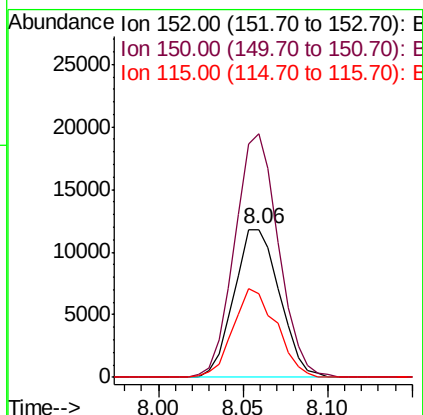
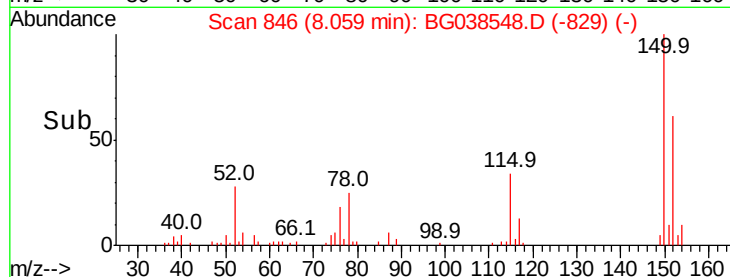
115 56.4 49.6 74.4



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: 48.998 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

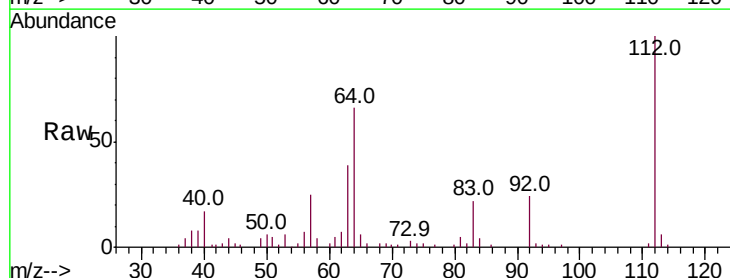
Tgt Ion:112 Resp: 61312

Ion Ratio Lower Upper

112 100

64 66.1 53.4 80.2

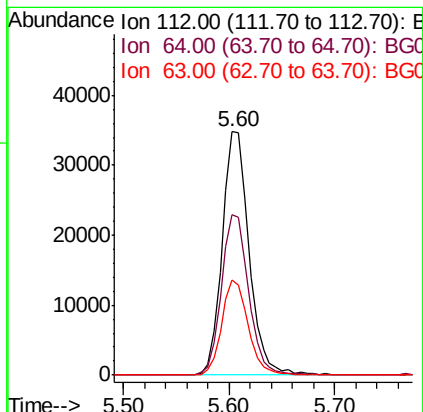
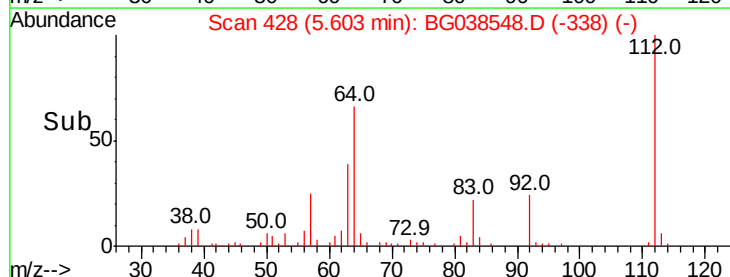
63 39.1 29.3 43.9

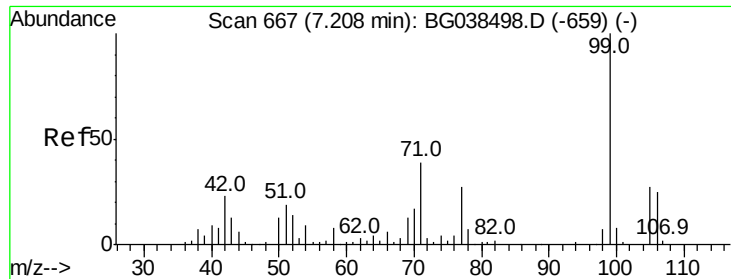


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 29.047 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

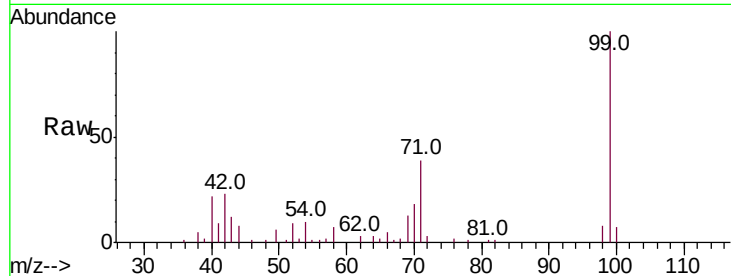
Tot Ion: 99 Resp: 49898

Ion Ratio Lower Upper

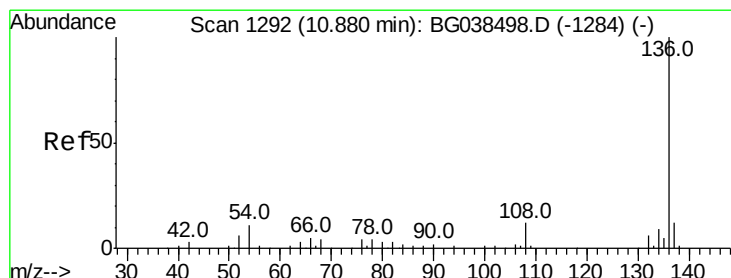
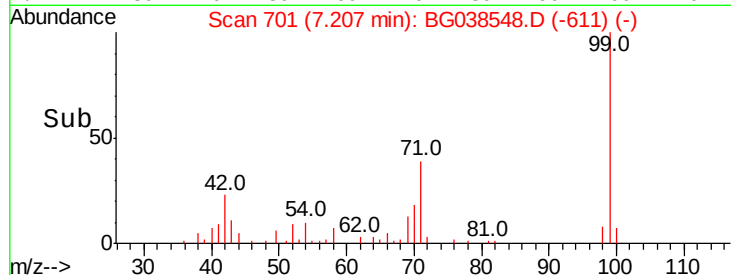
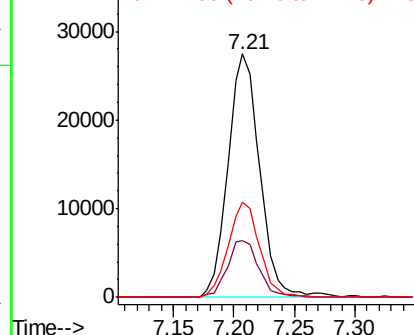
99 100

42 23.1 18.5 27.7

71 39.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

Tgt Ion: 136 Resp: 86464

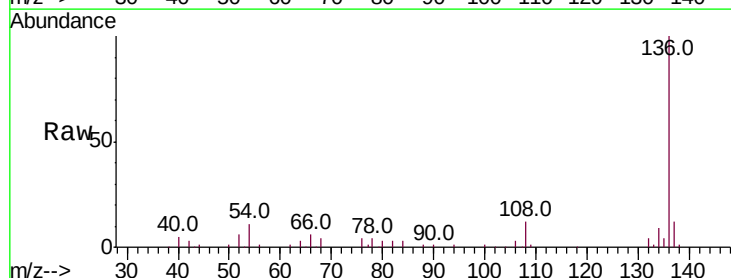
Ion Ratio Lower Upper

136 100

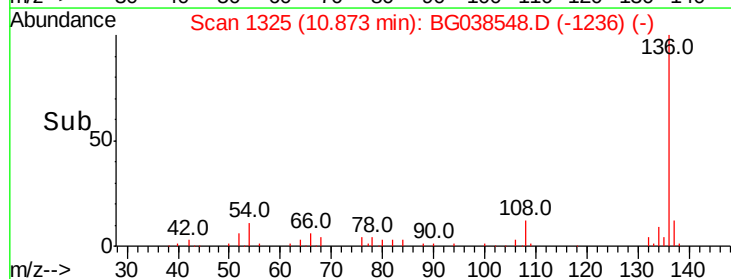
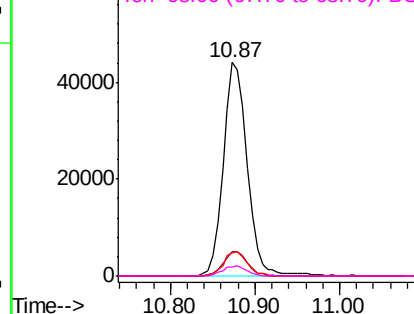
137 11.5 9.3 13.9

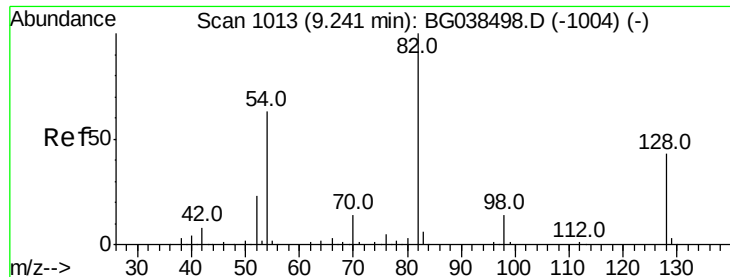
54 10.9 8.5 12.7

68 4.5 3.5 5.3



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





#23

Nitrobenzene-d5

Concen: 113.679 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

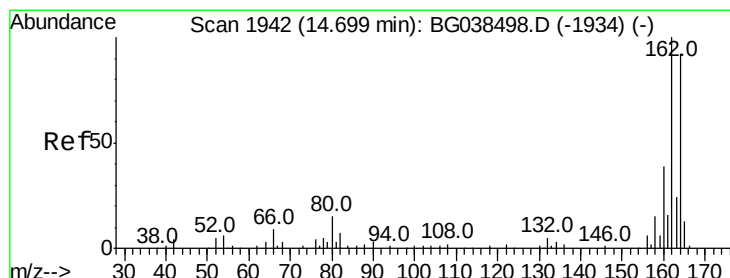
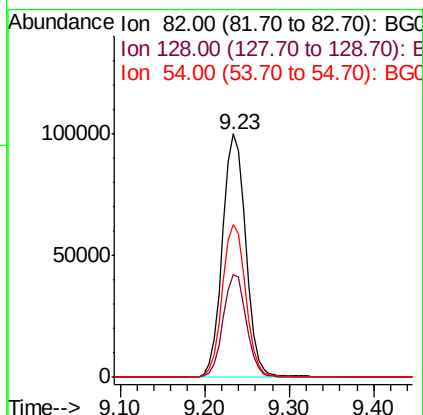
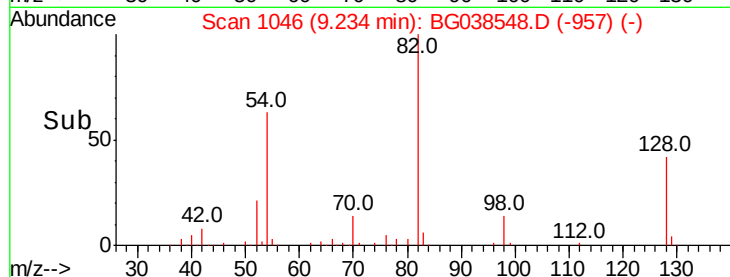
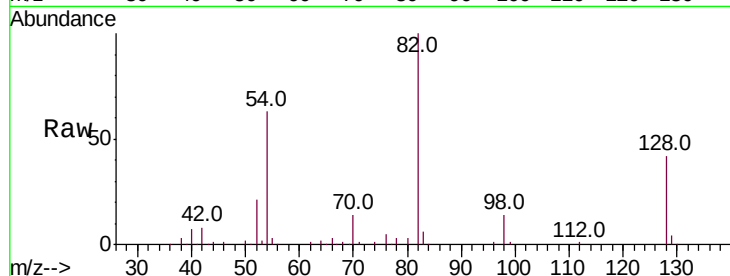
Tot Ion: 82 Resp: 192400

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

54 62.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

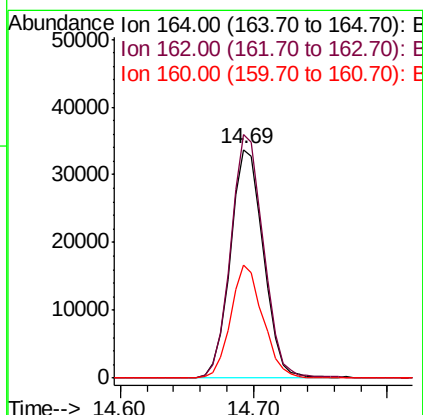
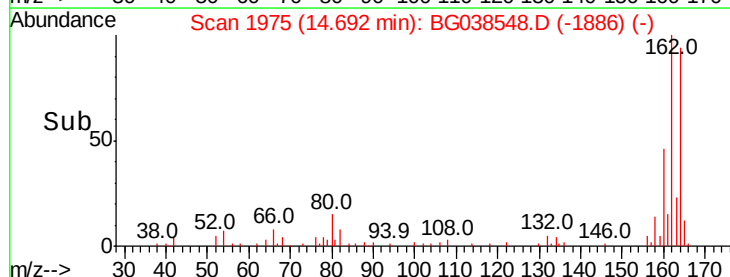
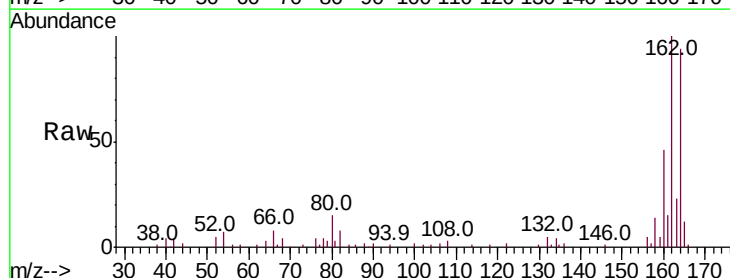
Tgt Ion:164 Resp: 58064

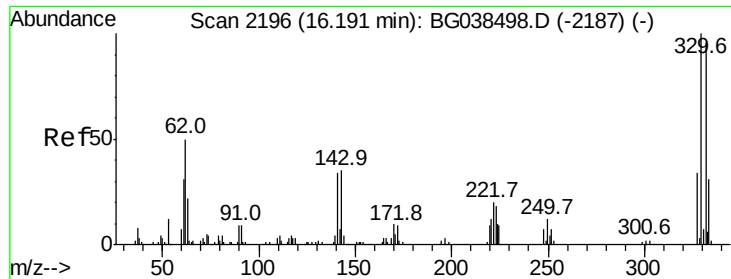
Ion Ratio Lower Upper

164 100

162 106.6 86.6 130.0

160 49.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 115.216 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

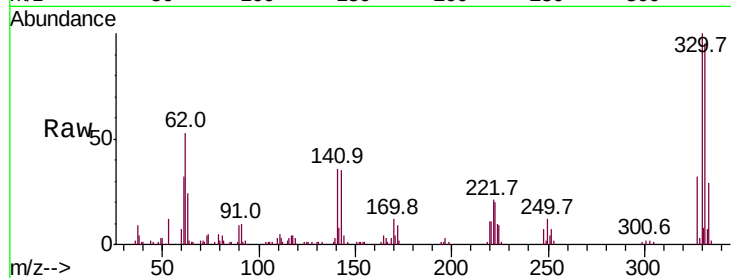
Tot Ion:330 Resp: 92199

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

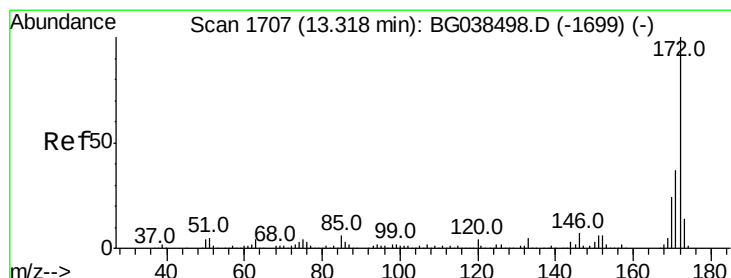
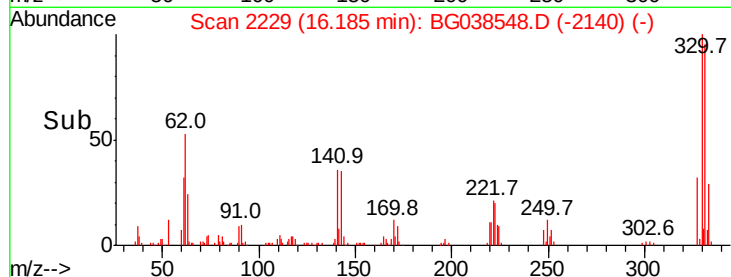
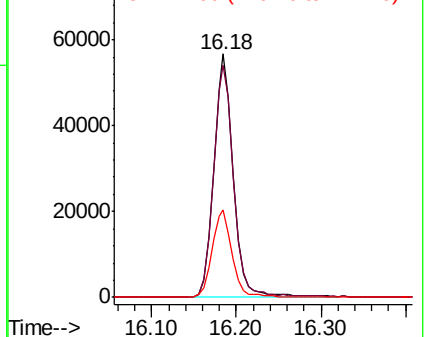
141 36.6 28.8 43.2



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: 105.781 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

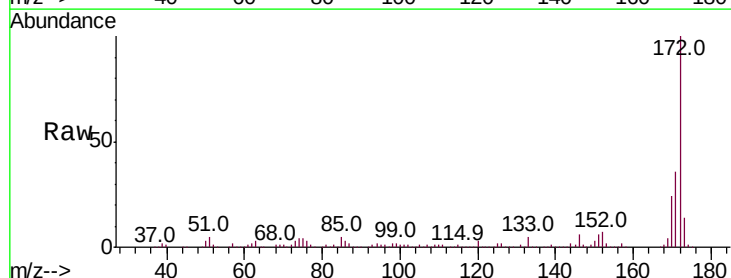
Tgt Ion:172 Resp: 447720

Ion Ratio Lower Upper

172 100

171 36.3 29.8 44.6

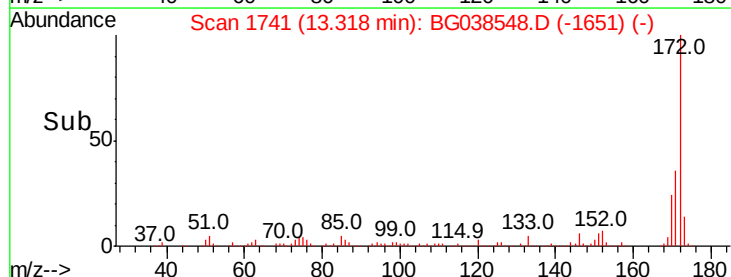
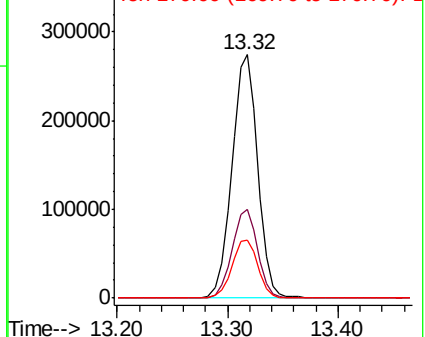
170 23.9 19.5 29.3

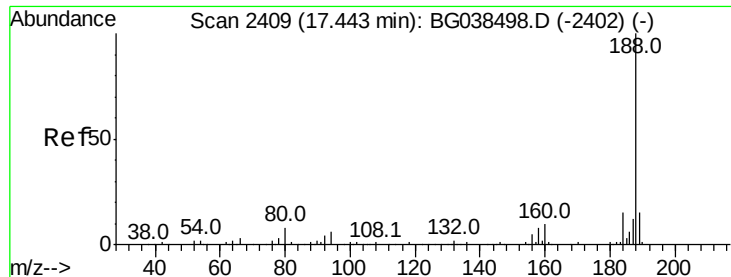


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

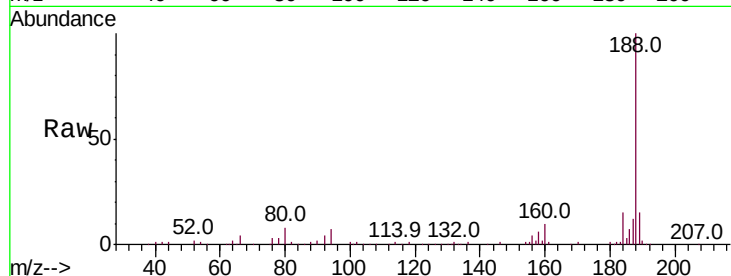




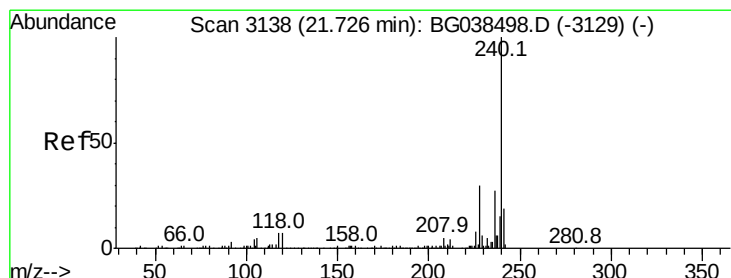
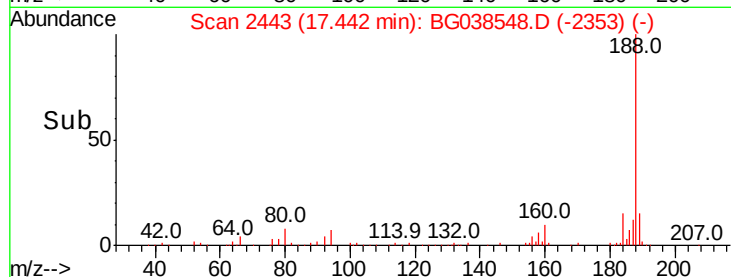
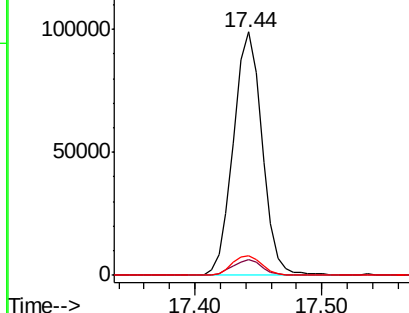
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038548.D
Acq: 14 Dec 2018 1:17

Instrument :
BNA_G
ClientSampleId :
P001-TW001-02

Tot Ion:188 Resp: 155204
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 7.9 6.1 9.1

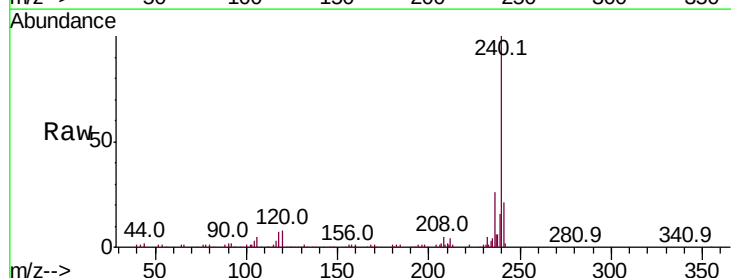


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

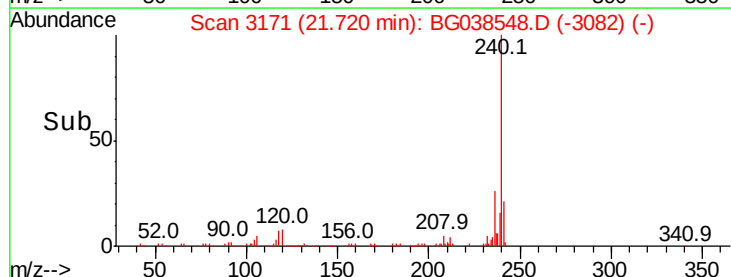
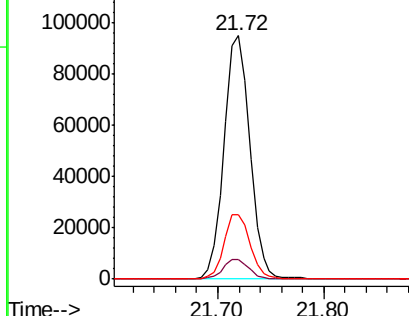


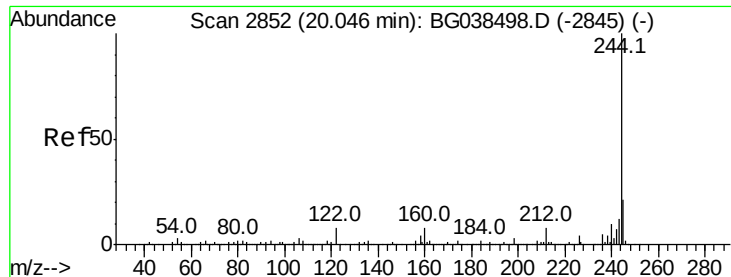
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038548.D
Acq: 14 Dec 2018 1:17

Tgt Ion:240 Resp: 161770
Ion Ratio Lower Upper
240 100
120 7.9 5.3 7.9
236 26.5 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: 109.025 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

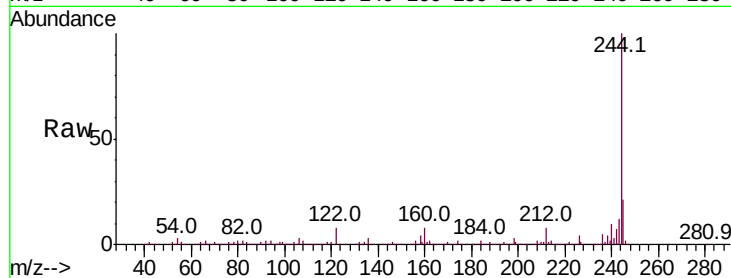
Tot Ion:244 Resp: 810397

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

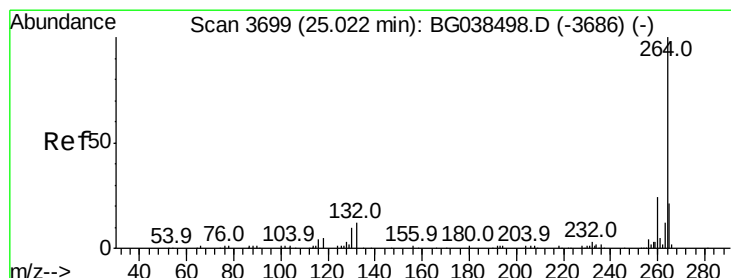
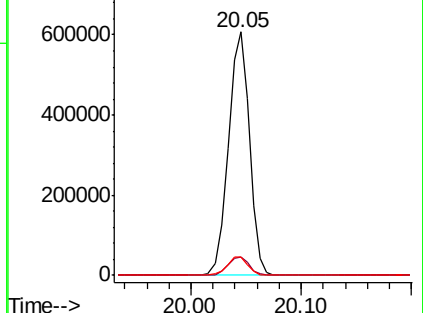
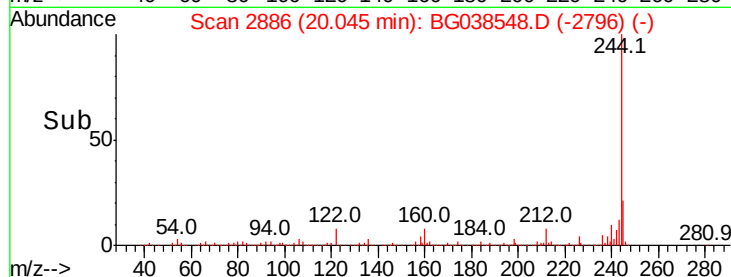
122 7.5 6.3 9.5



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: BG038548.D

Acq: 14 Dec 2018 1:17

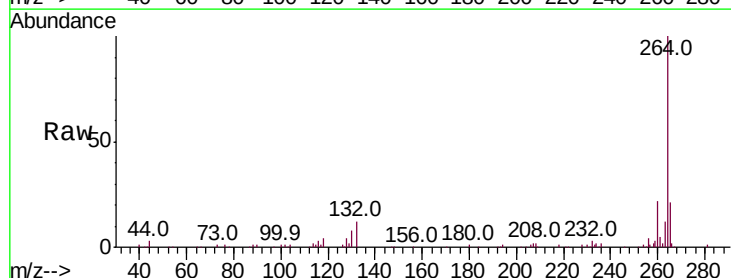
Tgt Ion:264 Resp: 173188

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

