

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038549.D
 Acq On : 14 Dec 2018 1:56
 Operator : JU/SJ
 Sample : J6347-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW002-01

Quant Time: Dec 14 03:20:06 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	23126	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	92957	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62812	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	164690	20.00	ng	0.00
76) Chrysene-d12	21.72	240	173922	20.00	ng	0.00
87) Perylene-d12	25.01	264	185446	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	55752	42.76	ng	0.00
7) Phenol-d6	7.21	99	46634	26.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	180969	99.46	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	87688	101.30	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	429822	93.88	ng	0.00
79) Terphenyl-d14	20.05	244	795668	99.56	ng	0.00

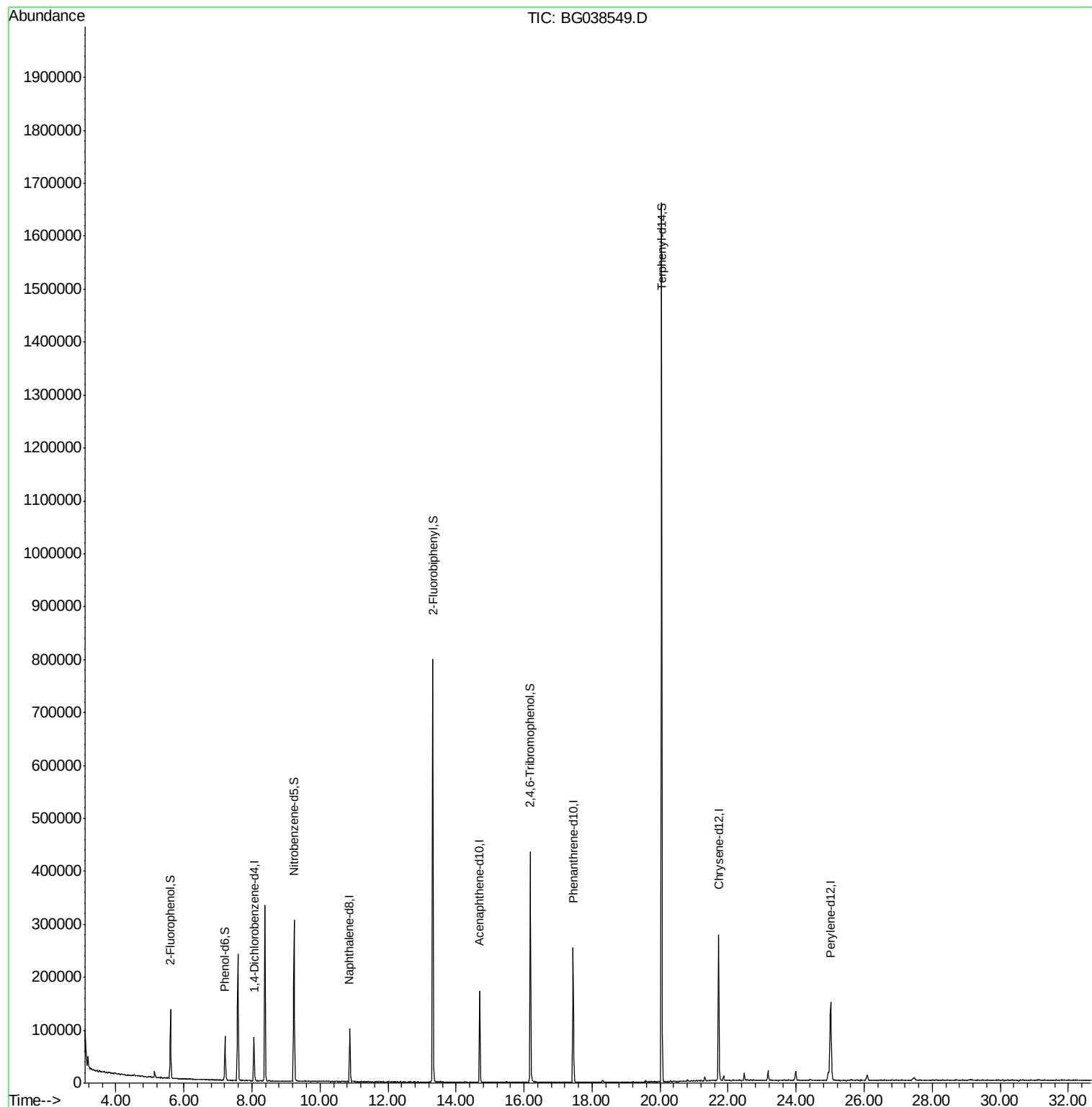
Target Compounds Qvalue

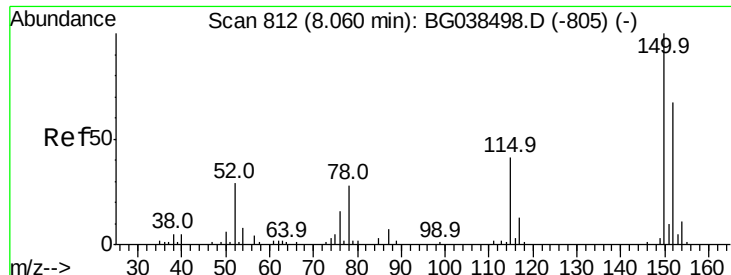
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038549.D

Acq: 14 Dec 2018 1:56

Instrument :

BNA_G

ClientSampleId :

P001-TW002-01

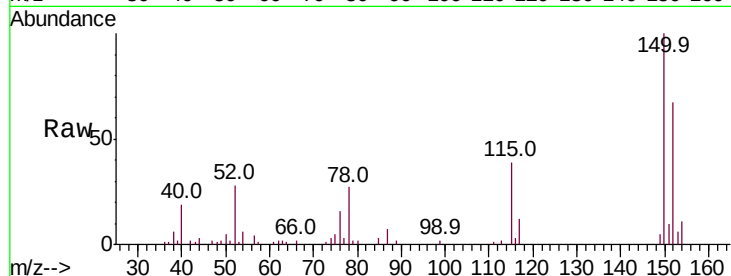
Tot Ion:152 Resp: 23126

Ion Ratio Lower Upper

152 100

150 148.5 119.5 179.3

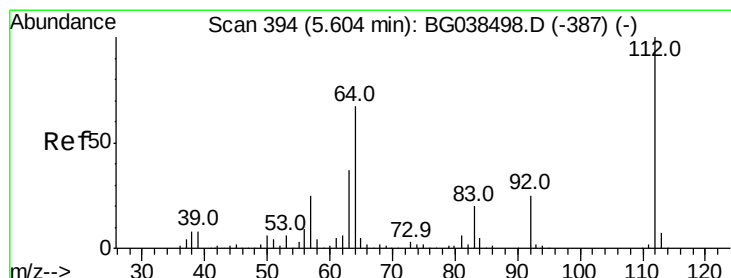
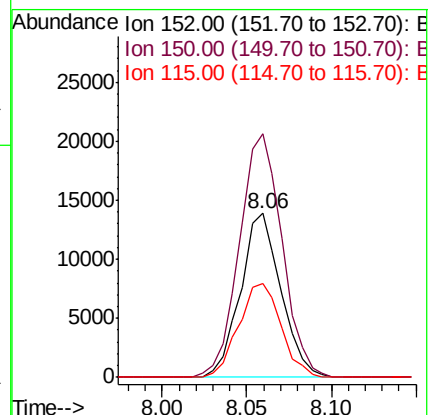
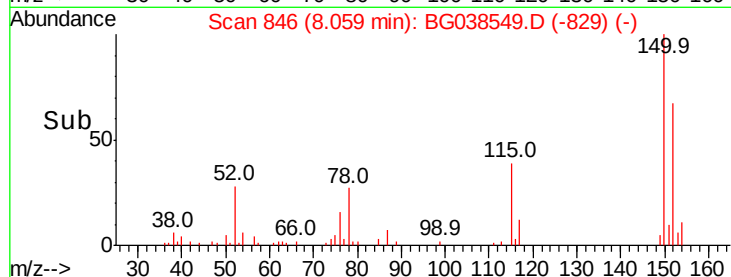
115 57.4 49.6 74.4



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: 42.759 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038549.D

Acq: 14 Dec 2018 1:56

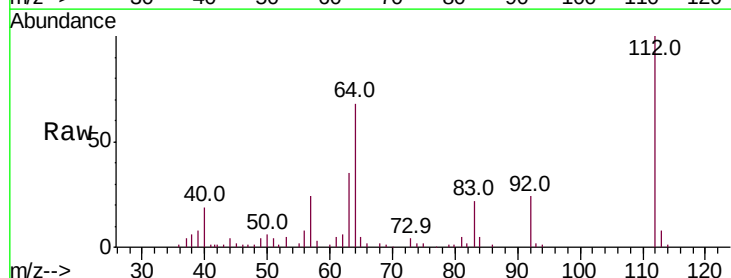
Tgt Ion:112 Resp: 55752

Ion Ratio Lower Upper

112 100

64 68.1 53.4 80.2

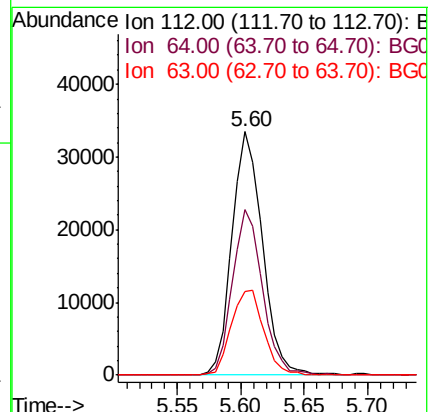
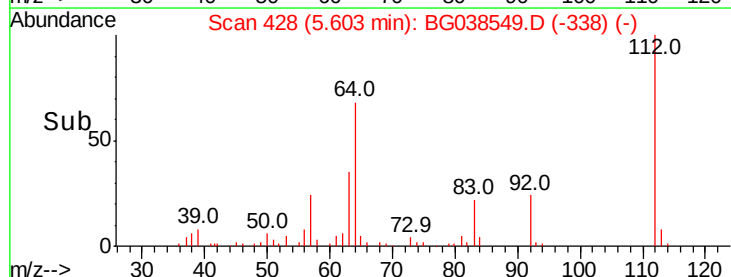
63 34.5 29.3 43.9

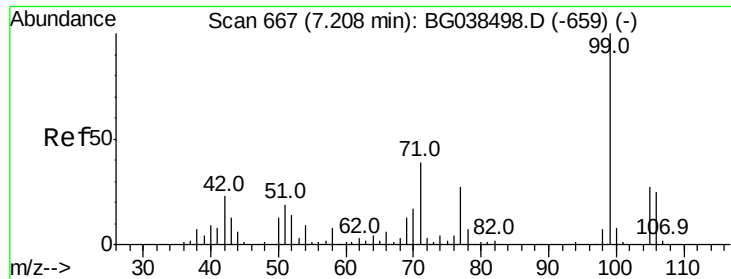


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.053 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038549.D

Acq: 14 Dec 2018 1:56

Instrument :

BNA_G

ClientSampleId :

P001-TW002-01

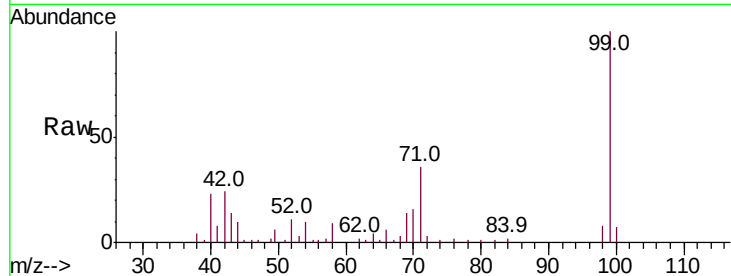
Tot Ion: 99 Resp: 46634

Ion Ratio Lower Upper

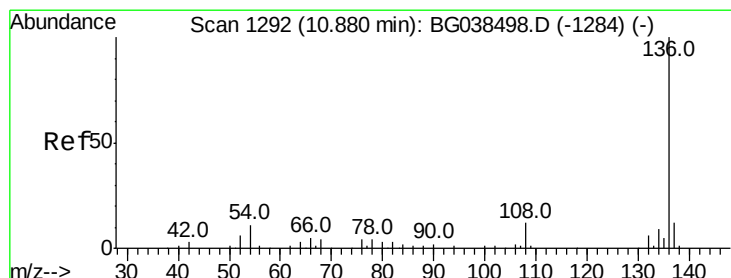
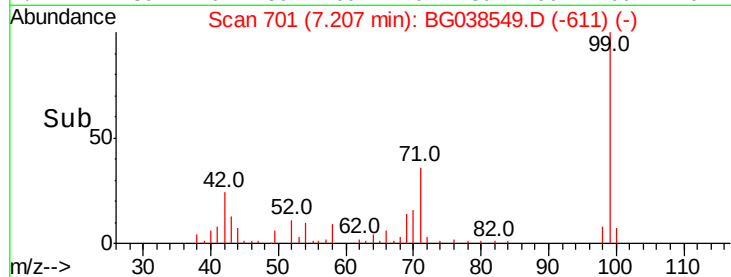
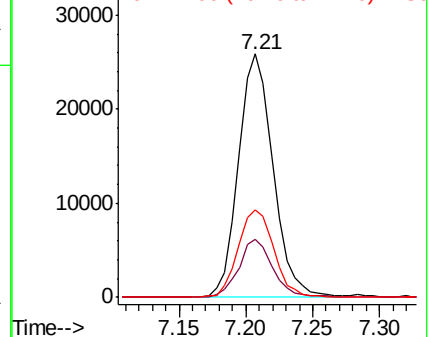
99 100

42 24.0 18.5 27.7

71 36.0 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: BG038549.D

Acq: 14 Dec 2018 1:56

Tgt Ion: 136 Resp: 92957

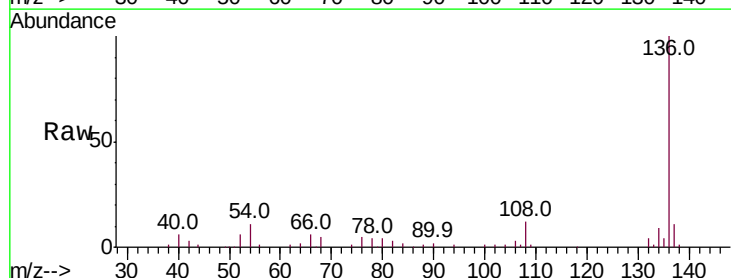
Ion Ratio Lower Upper

136 100

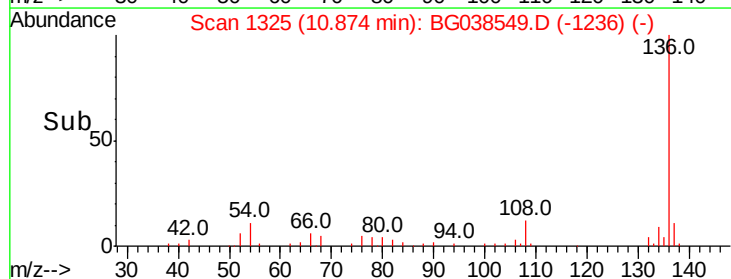
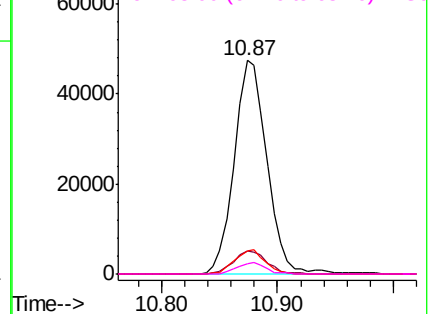
137 11.0 9.3 13.9

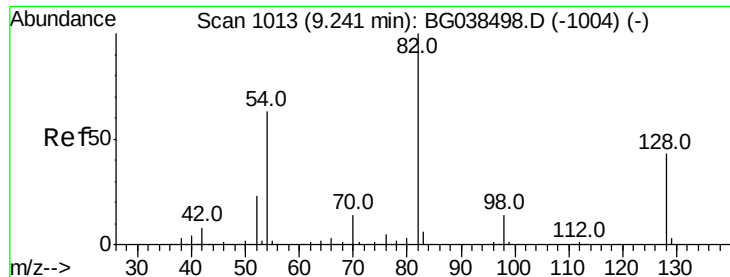
54 10.8 8.5 12.7

68 4.9 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

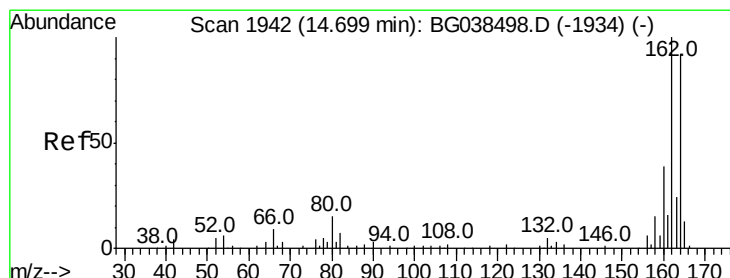
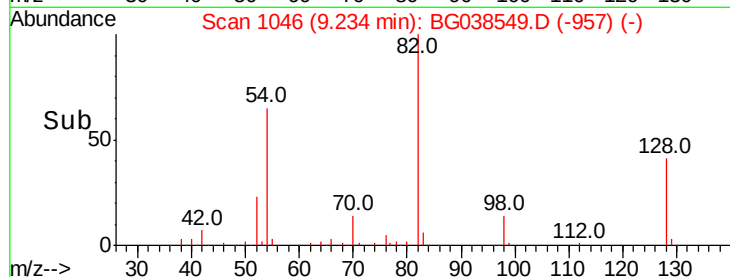
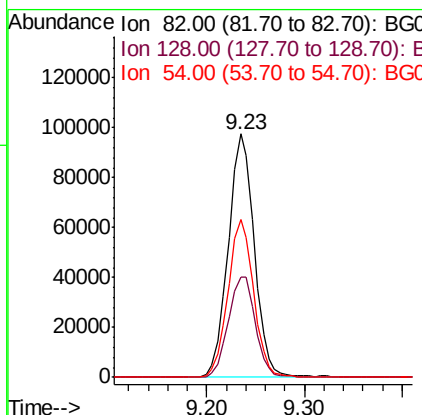
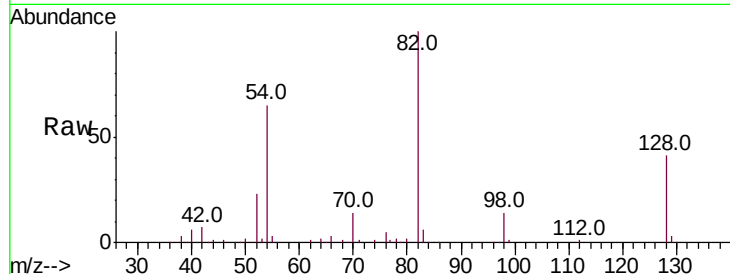




#23
Nitrobenzene-d5
Concen: 99.457 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038549.D
Acq: 14 Dec 2018 1:56

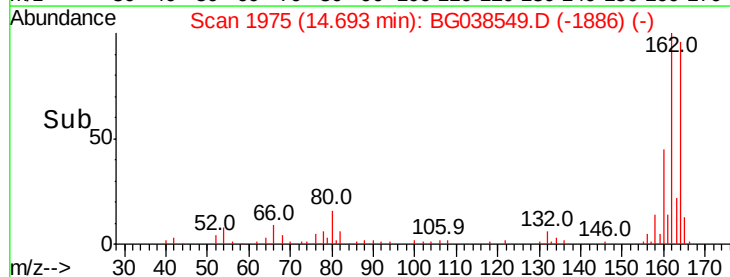
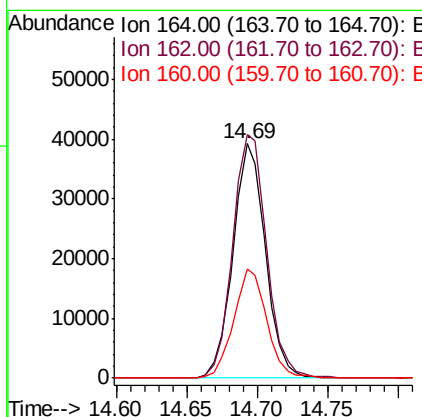
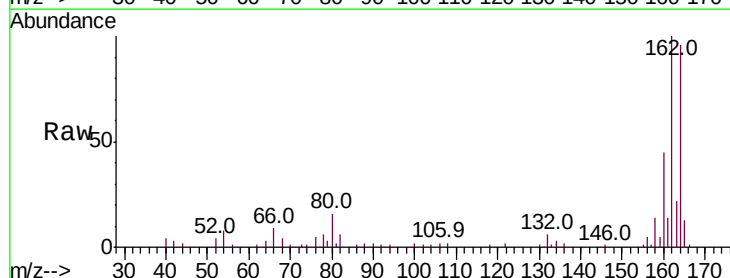
Instrument :
BNA_G
ClientSampleId :
P001-TW002-01

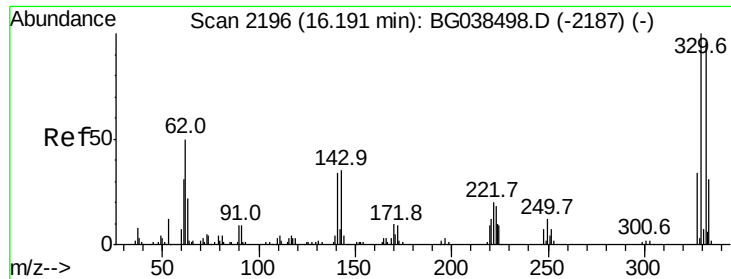
Tot Ion: 82 Resp: 180969
Ion Ratio Lower Upper
82 100
128 40.9 34.6 52.0
54 64.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038549.D
Acq: 14 Dec 2018 1:56

Tgt Ion:164 Resp: 62812
Ion Ratio Lower Upper
164 100
162 103.9 86.6 130.0
160 46.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 101.296 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038549.D

Acq: 14 Dec 2018 1:56

Instrument :

BNA_G

ClientSampleId :

P001-TW002-01

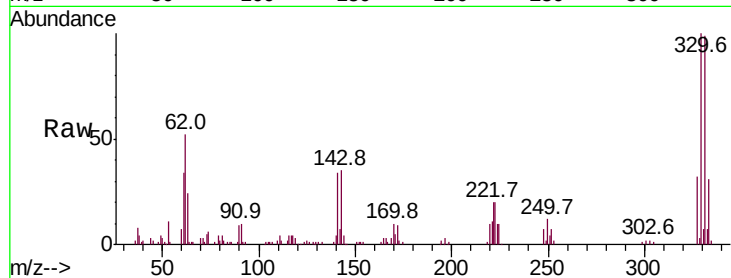
Tot Ion:330 Resp: 87688

Ion Ratio Lower Upper

330 100

332 97.8 76.9 115.3

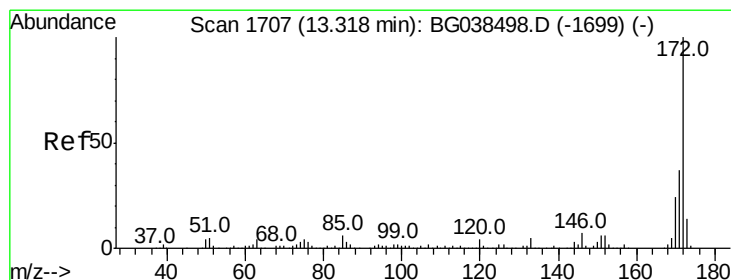
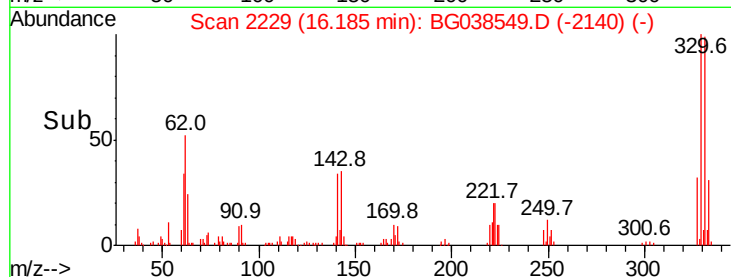
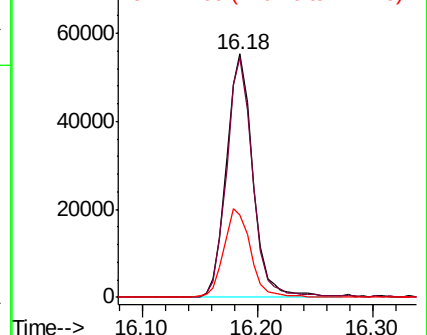
141 37.0 28.8 43.2



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: 93.875 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038549.D

Acq: 14 Dec 2018 1:56

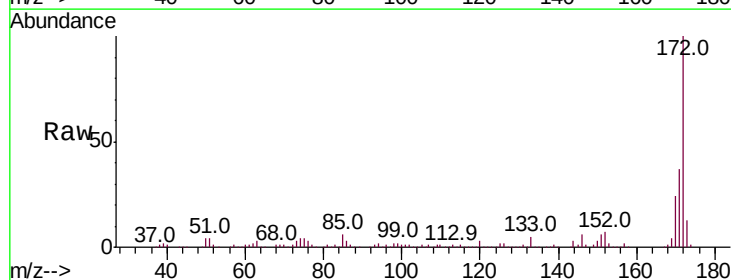
Tgt Ion:172 Resp: 429822

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

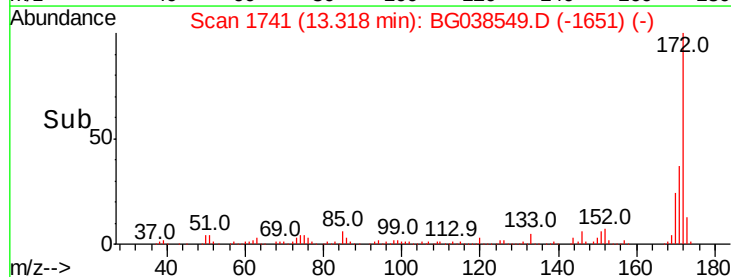
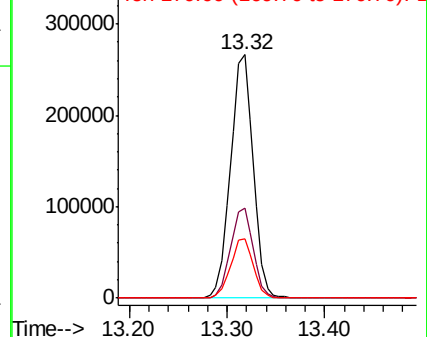
170 24.1 19.5 29.3

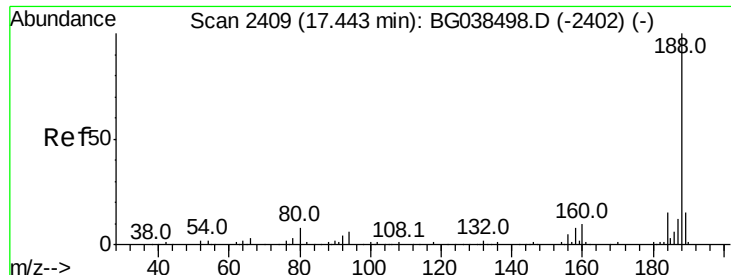


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

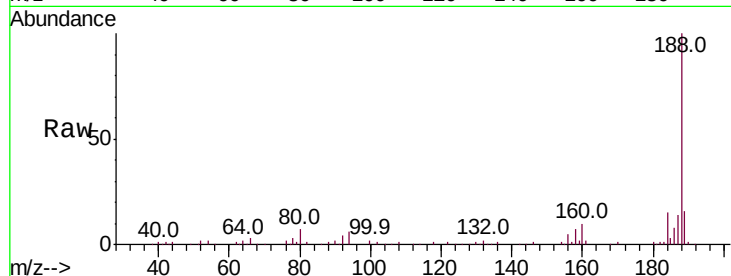




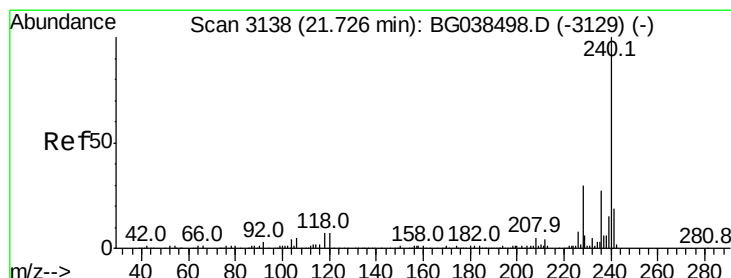
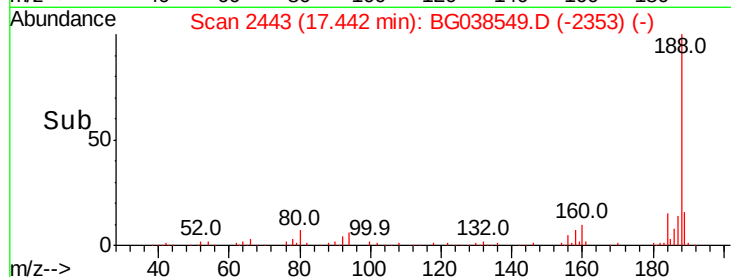
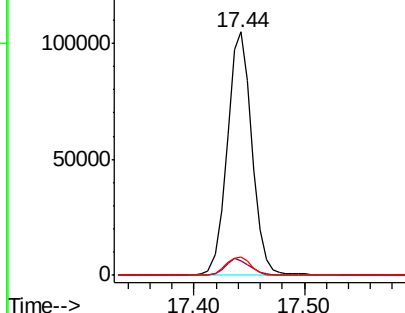
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038549.D
Acq: 14 Dec 2018 1:56

Instrument :
BNA_G
ClientSampleId :
P001-TW002-01

Tot Ion:188 Resp: 164690
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 7.5 6.1 9.1

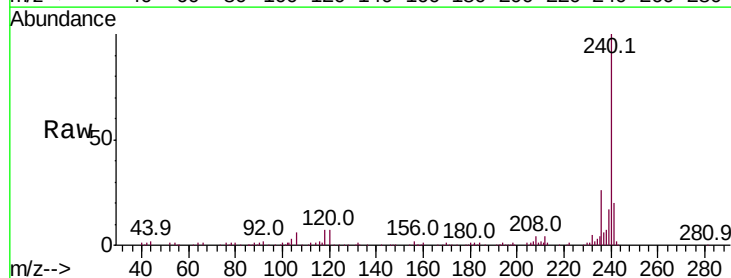


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

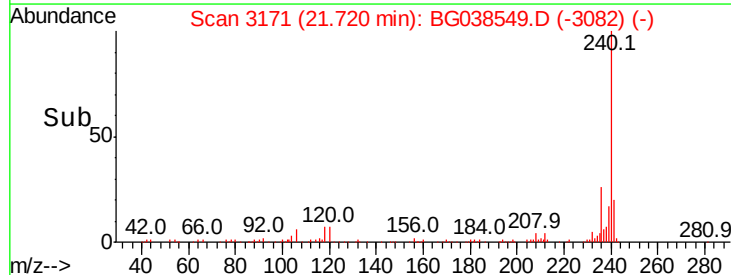
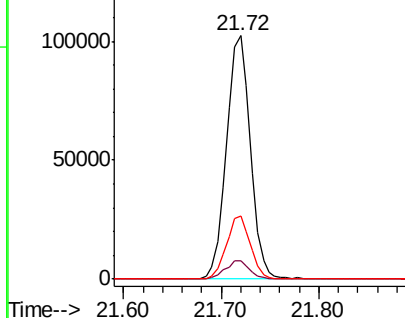


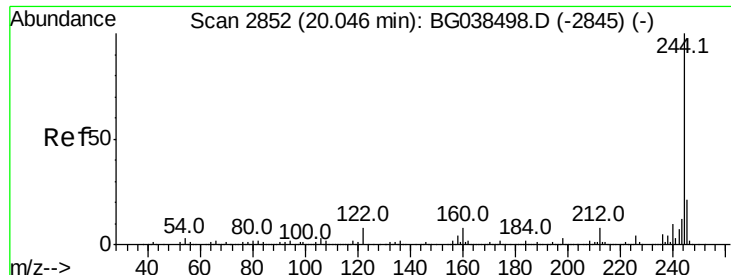
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038549.D
Acq: 14 Dec 2018 1:56

Tgt Ion:240 Resp: 173922
Ion Ratio Lower Upper
240 100
120 7.3 5.3 7.9
236 26.2 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: 99.564 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038549.D

Acq: 14 Dec 2018 1:56

Instrument :

BNA_G

ClientSampleId :

P001-TW002-01

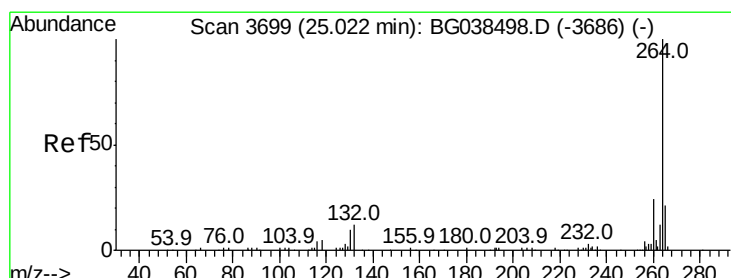
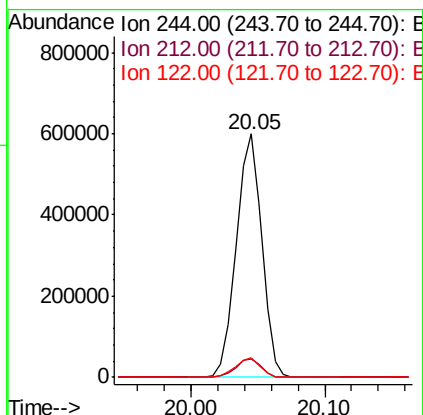
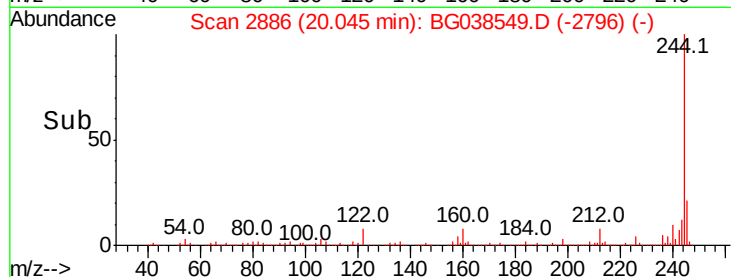
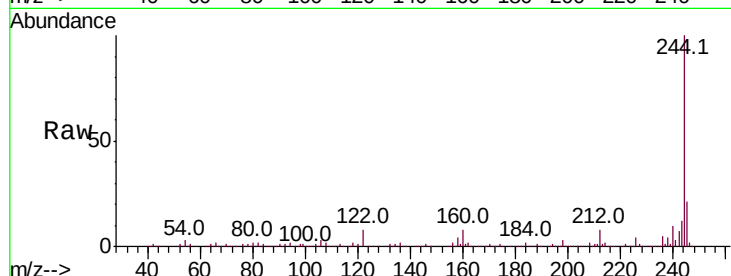
Tot Ion:244 Resp: 795668

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 8.0 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038549.D

Acq: 14 Dec 2018 1:56

Tgt Ion:264 Resp: 185446

Ion Ratio Lower Upper

264 100

260 22.5 18.9 28.3

265 20.0 17.0 25.4

