

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038690.D
 Acq On : 18 Dec 2018 9:30
 Operator : JU/SJ
 Sample : J6403-44
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

Quant Time: Dec 18 11:07:26 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	22432	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87728	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	59541	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159705	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163868	20.00	ng	0.00
87) Perylene-d12	25.02	264	174053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	182572	144.36	ng	0.00
7) Phenol-d6	7.21	99	221637	127.65	ng	0.00
23) Nitrobenzene-d5	9.23	82	174201	101.44	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	127286	155.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	405362	93.40	ng	0.00
79) Terphenyl-d14	20.04	244	839709	111.52	ng	0.00

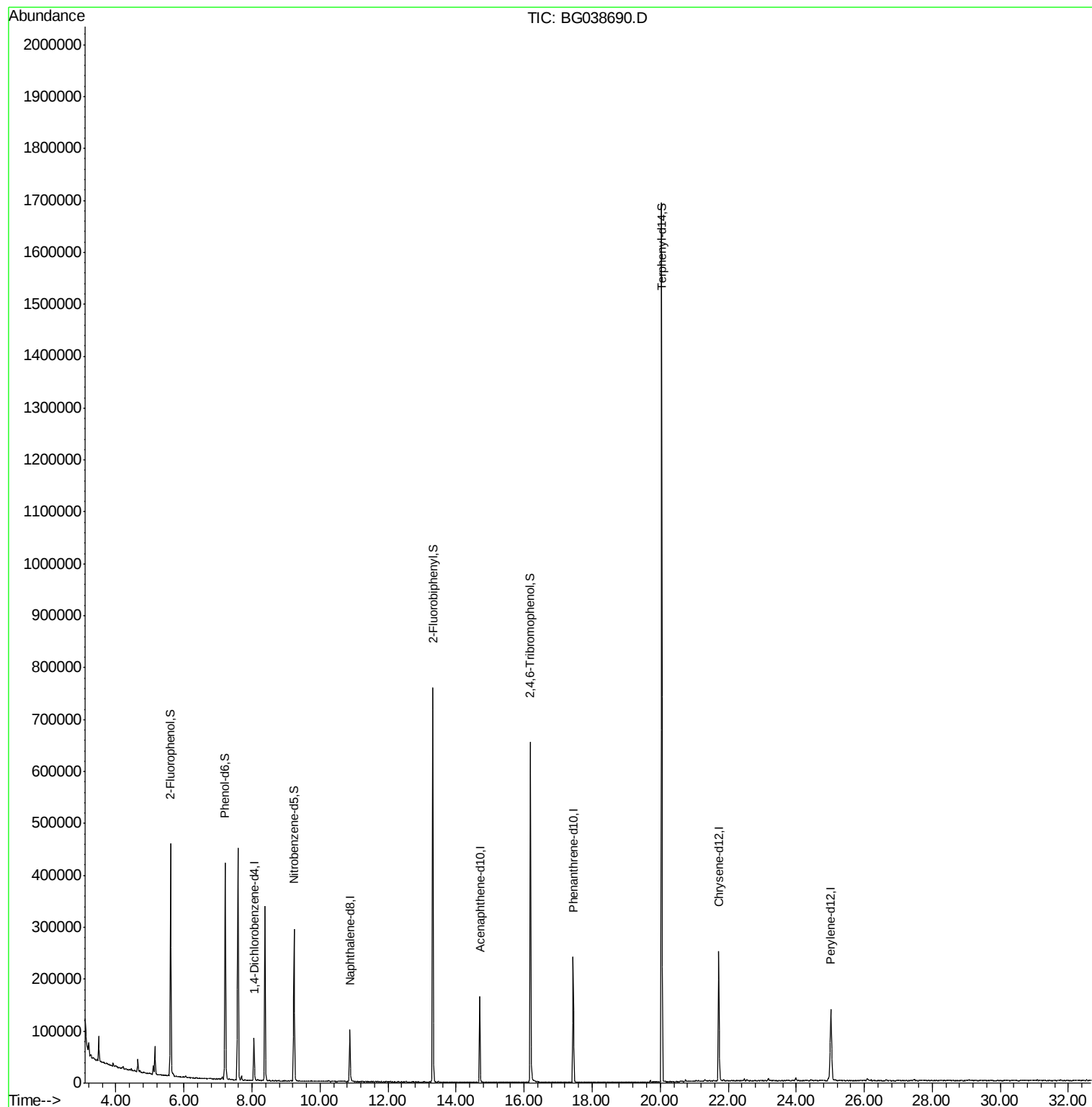
Target Compounds	Qvalue
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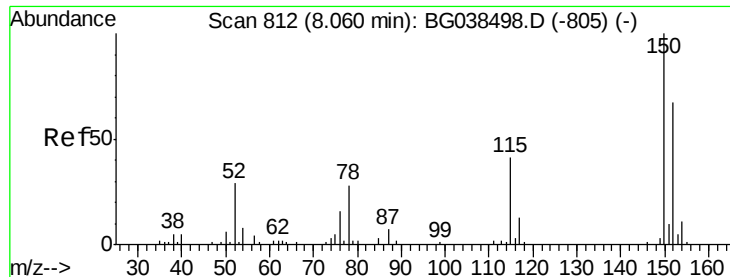
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038690.D

Acq: 18 Dec 2018 9:30

Instrument :

BNA_G

ClientSampleId :

TP-6-A

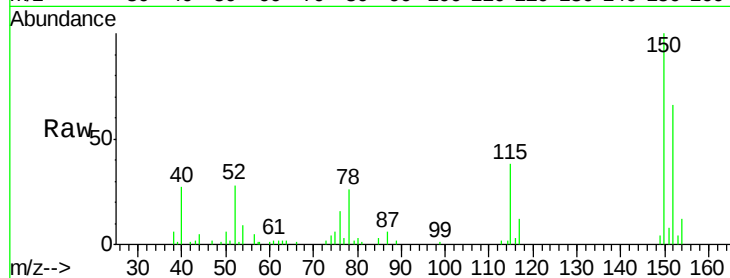
Tgt Ion:152 Resp: 22432

Ion Ratio Lower Upper

152 100

150 151.4 119.5 179.3

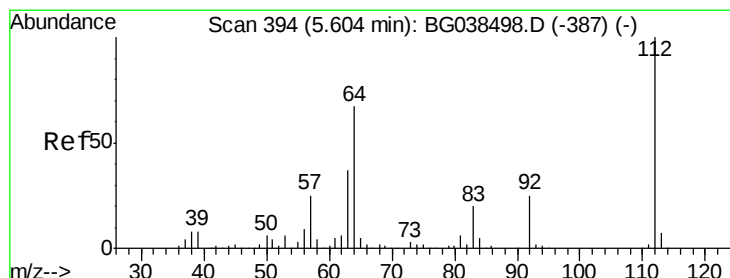
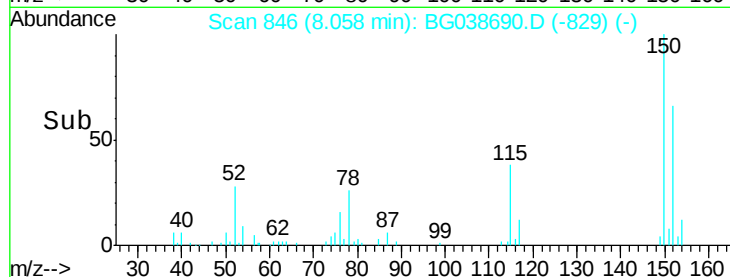
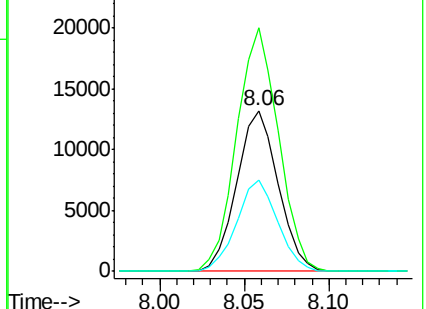
115 56.9 49.6 74.4



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: 144.356 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038690.D

Acq: 18 Dec 2018 9:30

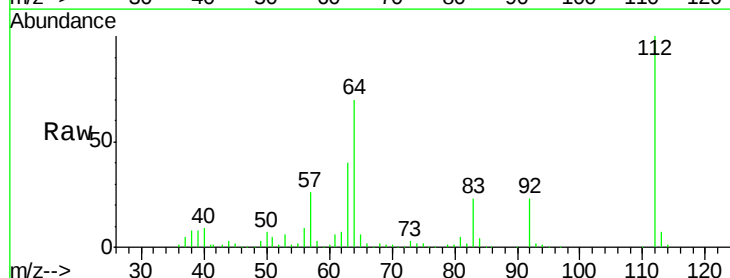
Tgt Ion:112 Resp: 182572

Ion Ratio Lower Upper

112 100

64 70.0 53.4 80.2

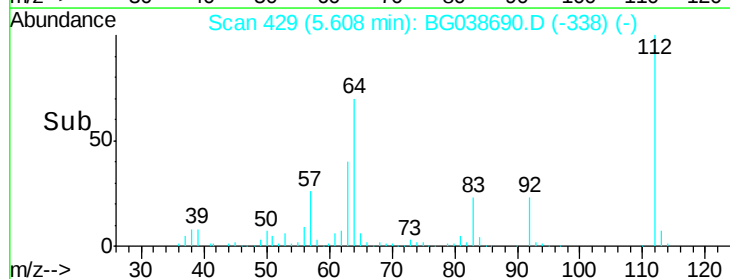
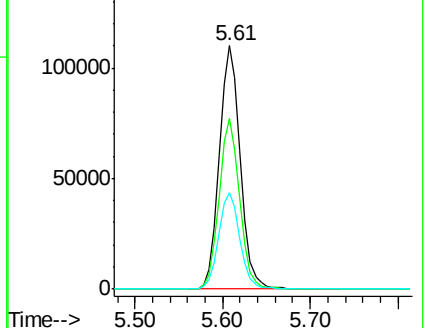
63 39.5 29.3 43.9

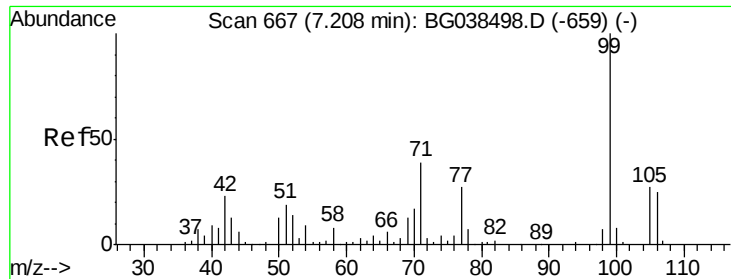


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.654 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038690.D

Acq: 18 Dec 2018 9:30

Instrument :

BNA_G

ClientSampleId :

TP-6-A

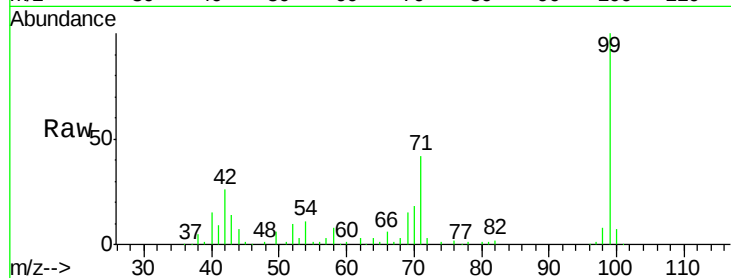
Tgt Ion: 99 Resp: 221637

Ion Ratio Lower Upper

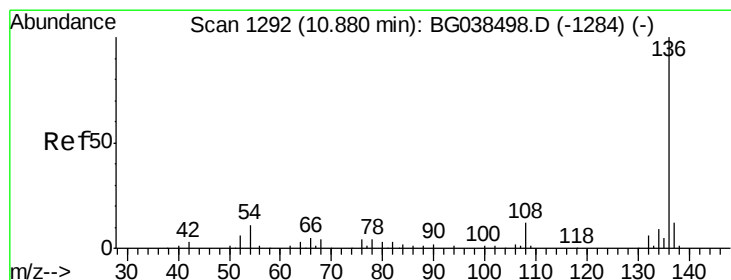
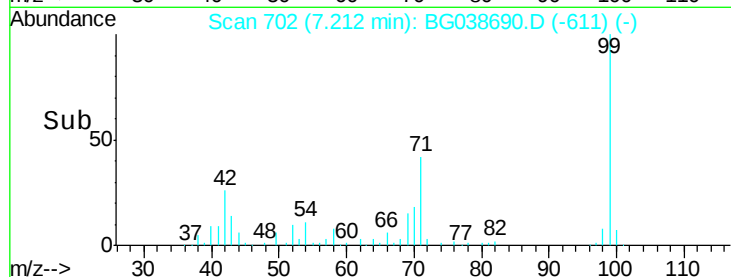
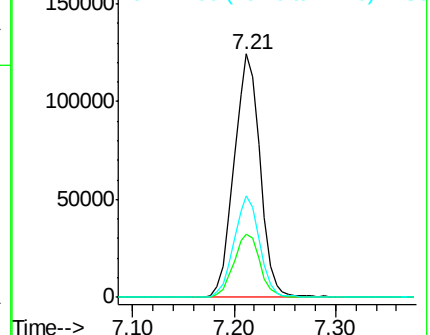
99 100

42 26.1 18.5 27.7

71 41.7 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# 1326

Delta R.T. -0.00 min

Lab File: BG038690.D

Acq: 18 Dec 2018 9:30

Tgt Ion: 136 Resp: 87728

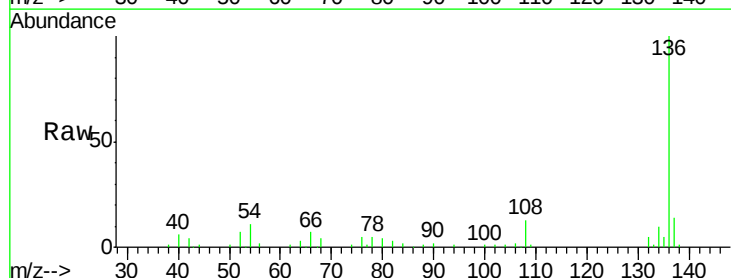
Ion Ratio Lower Upper

136 100

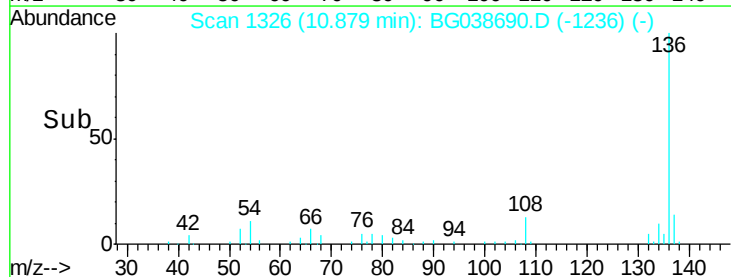
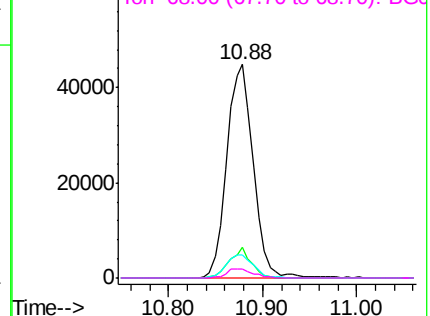
137 14.2 9.3 13.9#

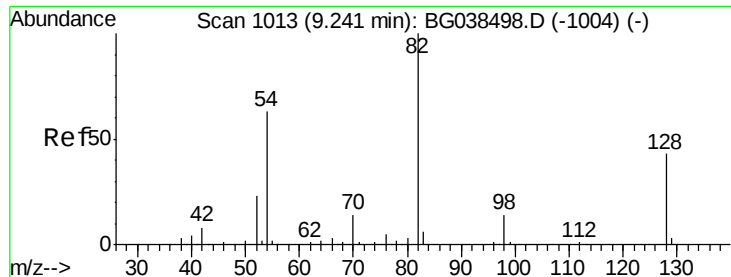
54 10.8 8.5 12.7

68 4.4 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

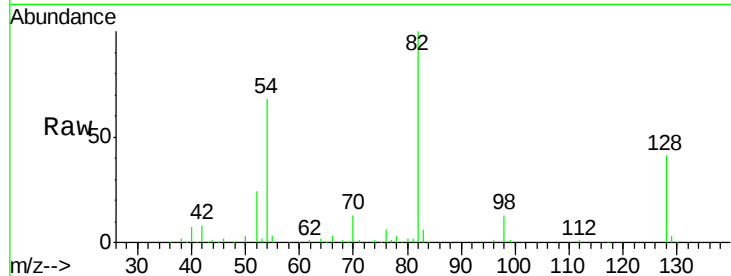




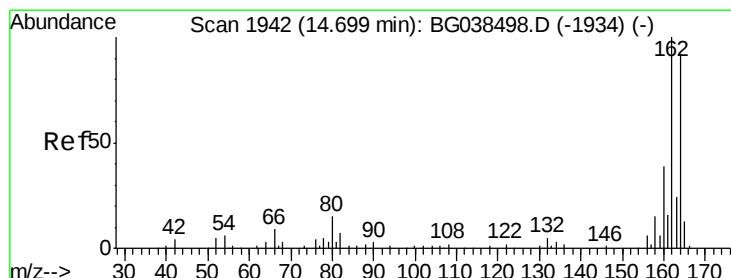
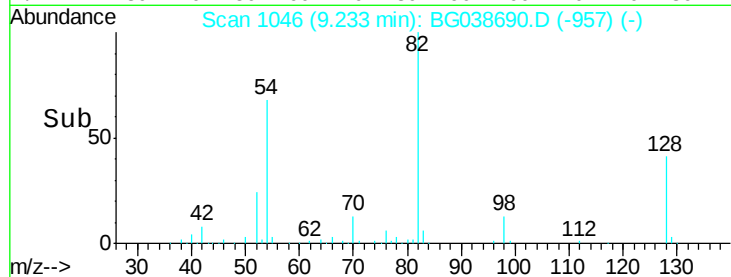
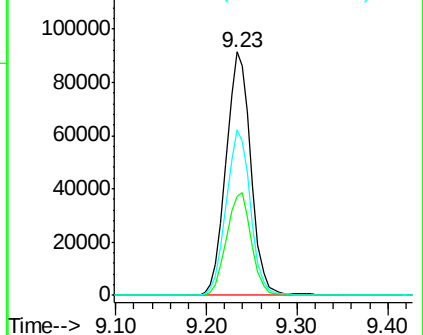
#23
 Nitrobenzene-d5
 Concen: 101.443 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038690.D
 Acq: 18 Dec 2018 9:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-A

Tgt Ion: 82 Resp: 174201
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 67.9 50.6 76.0

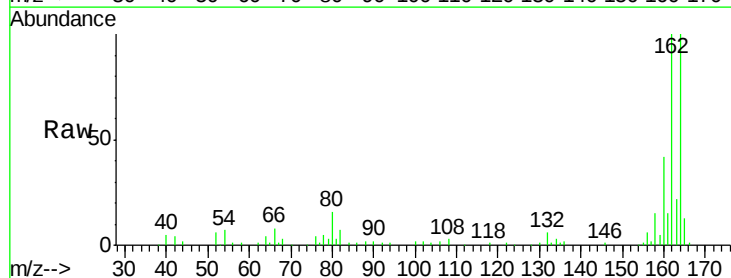


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

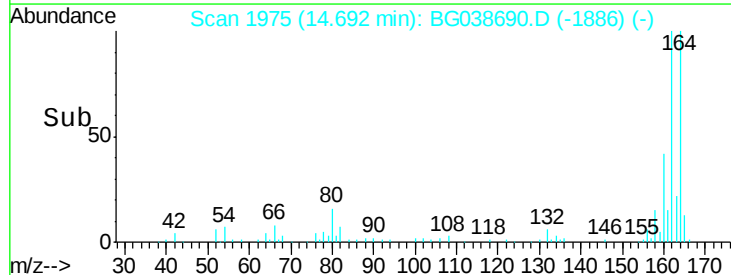
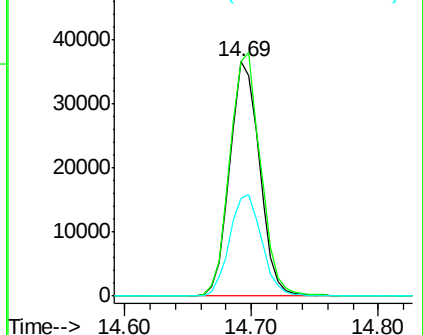


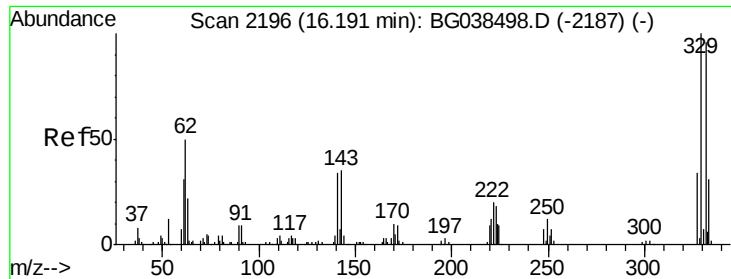
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038690.D
 Acq: 18 Dec 2018 9:30

Tgt Ion: 164 Resp: 59541
 Ion Ratio Lower Upper
 164 100
 162 100.0 86.6 130.0
 160 41.6 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: 155.117 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038690.D

Acq: 18 Dec 2018 9:30

Instrument :

BNA_G

ClientSampleId :

TP-6-A

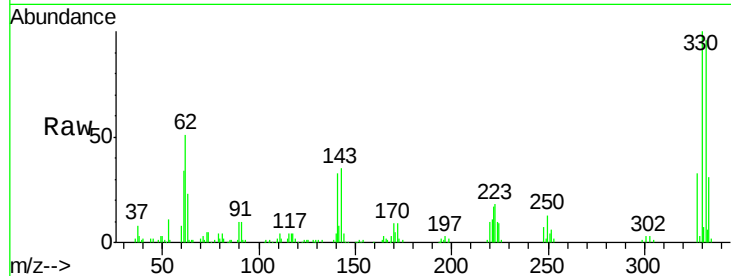
Tgt Ion:330 Resp: 127286

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

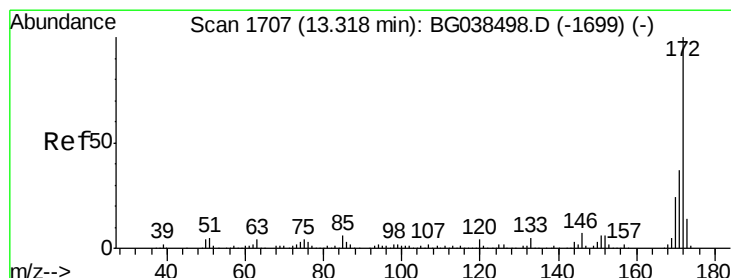
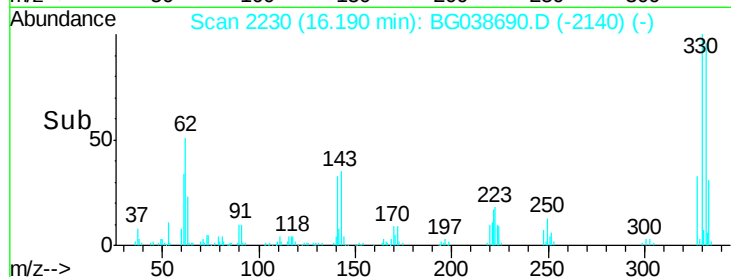
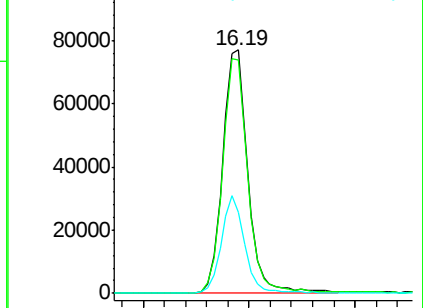
141 37.5 28.8 43.2



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: 93.397 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038690.D

Acq: 18 Dec 2018 9:30

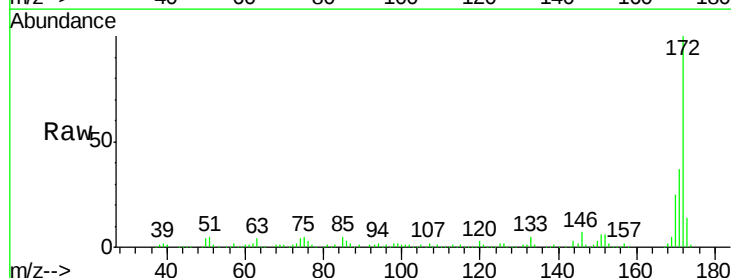
Tgt Ion:172 Resp: 405362

Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.6

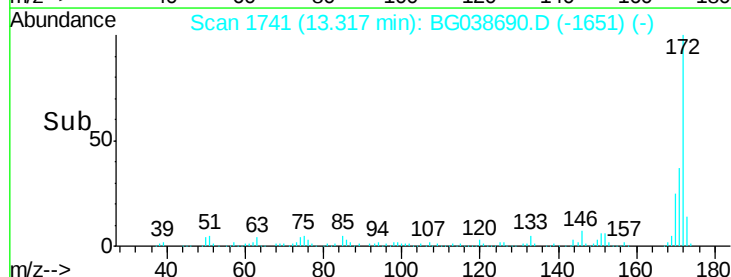
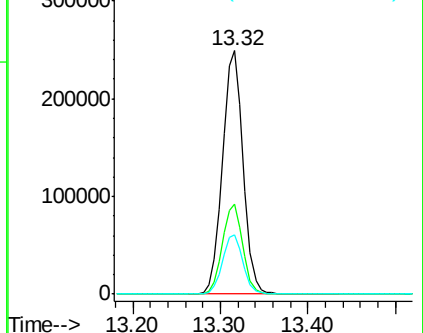
170 24.5 19.5 29.3

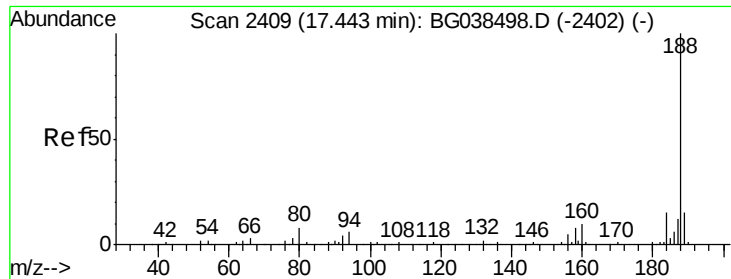


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

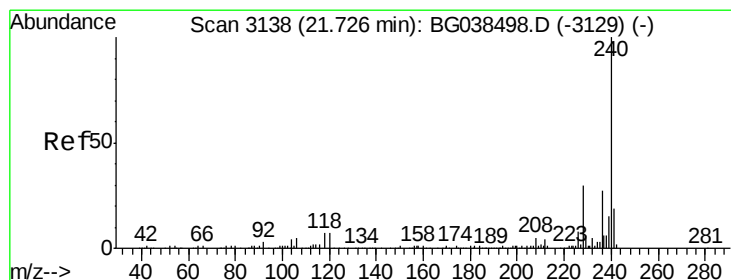
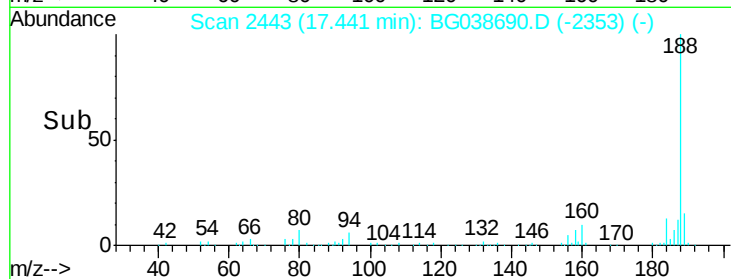
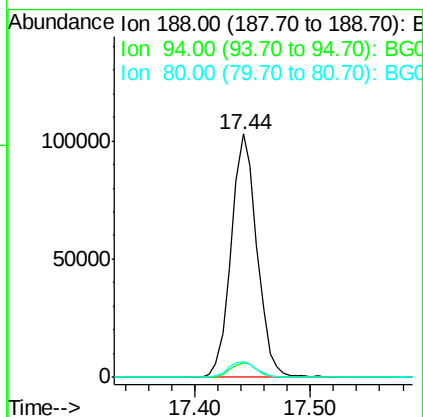
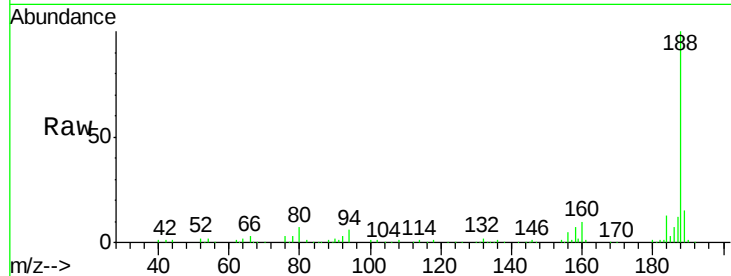




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038690.D
Acq: 18 Dec 2018 9:30

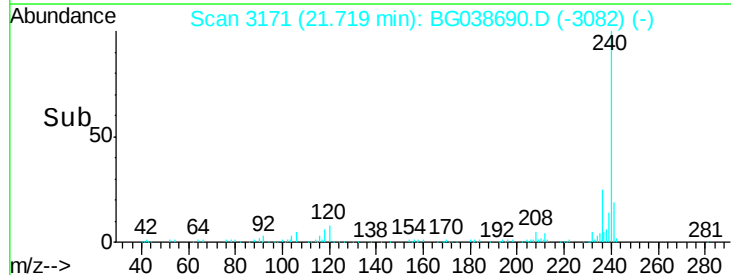
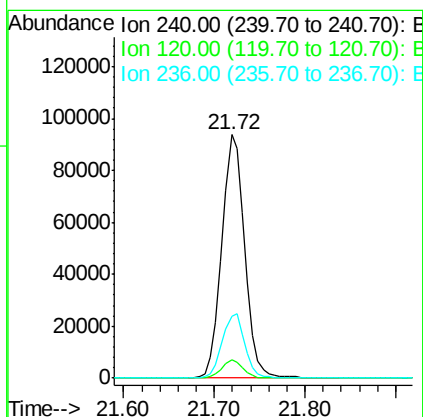
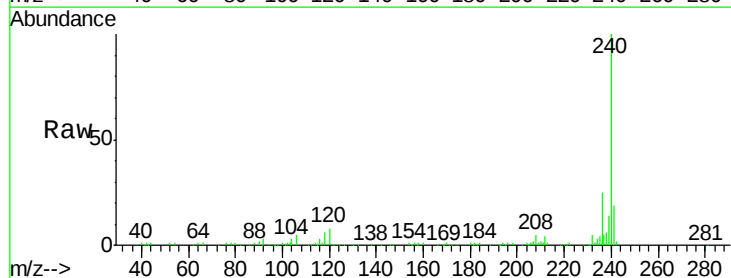
Instrument :
BNA_G
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TP-6-A

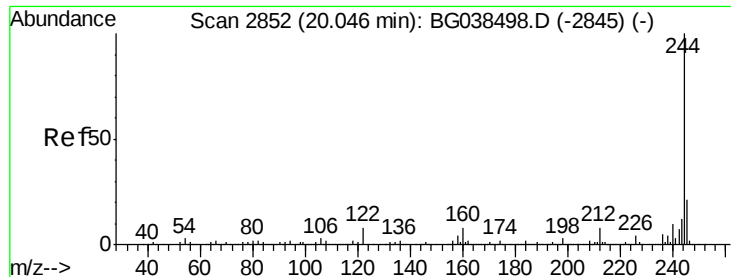
Tgt Ion:188 Resp: 159705
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 6.7 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038690.D
Acq: 18 Dec 2018 9:30

Tgt Ion:240 Resp: 163868
Ion Ratio Lower Upper
240 100
120 7.5 5.3 7.9
236 25.3 21.4 32.2





#79

Terphenyl-d14

Concen: 111.522 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038690.D

Acq: 18 Dec 2018 9:30

Instrument :

BNA_G

ClientSampleId :

TP-6-A

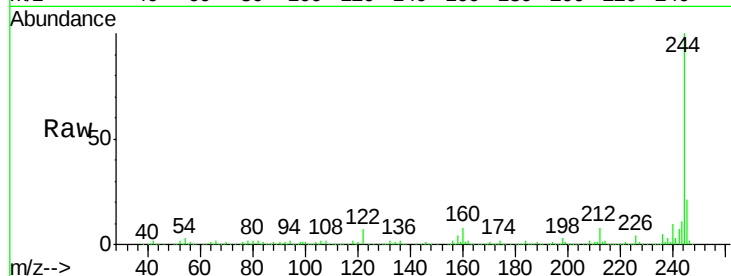
Tgt Ion:244 Resp: 839709

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

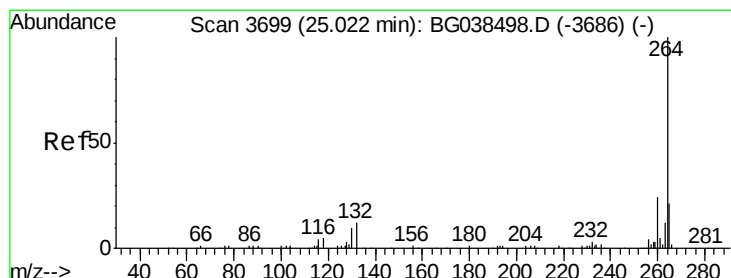
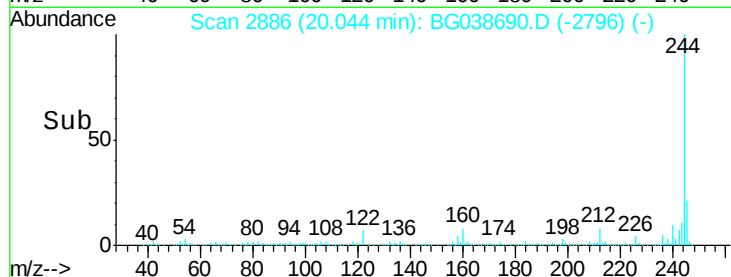
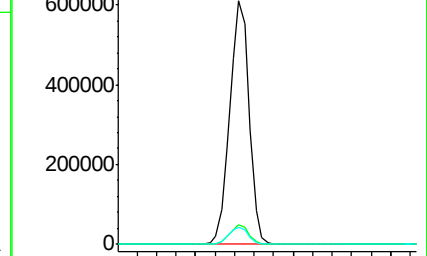
122 7.2 6.3 9.5



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: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038690.D

Acq: 18 Dec 2018 9:30

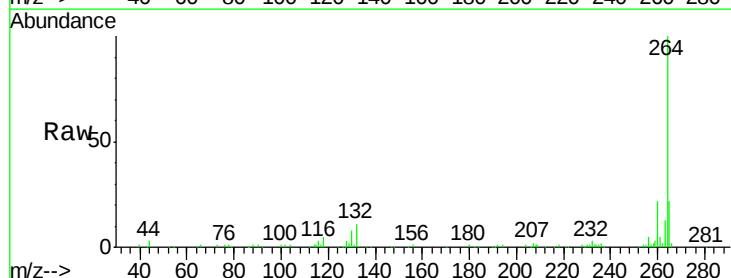
Tgt Ion:264 Resp: 174053

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 21.5 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

