

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038563.D
 Acq On : 14 Dec 2018 11:06
 Operator : JU/SJ
 Sample : J6194-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-121118

Quant Time: Dec 14 11:46:52 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	24168	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	98189	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	66024	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172418	20.00	ng	0.00
76) Chrysene-d12	21.72	240	182615	20.00	ng	-0.01
87) Perylene-d12	25.01	264	191911	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	191087	140.24	ng	0.00
7) Phenol-d6	7.21	99	227639	121.69	ng	0.00
23) Nitrobenzene-d5	9.24	82	199710	103.91	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	146639	161.15	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	465719	96.77	ng	0.00
79) Terphenyl-d14	20.04	244	941520	112.21	ng	0.00

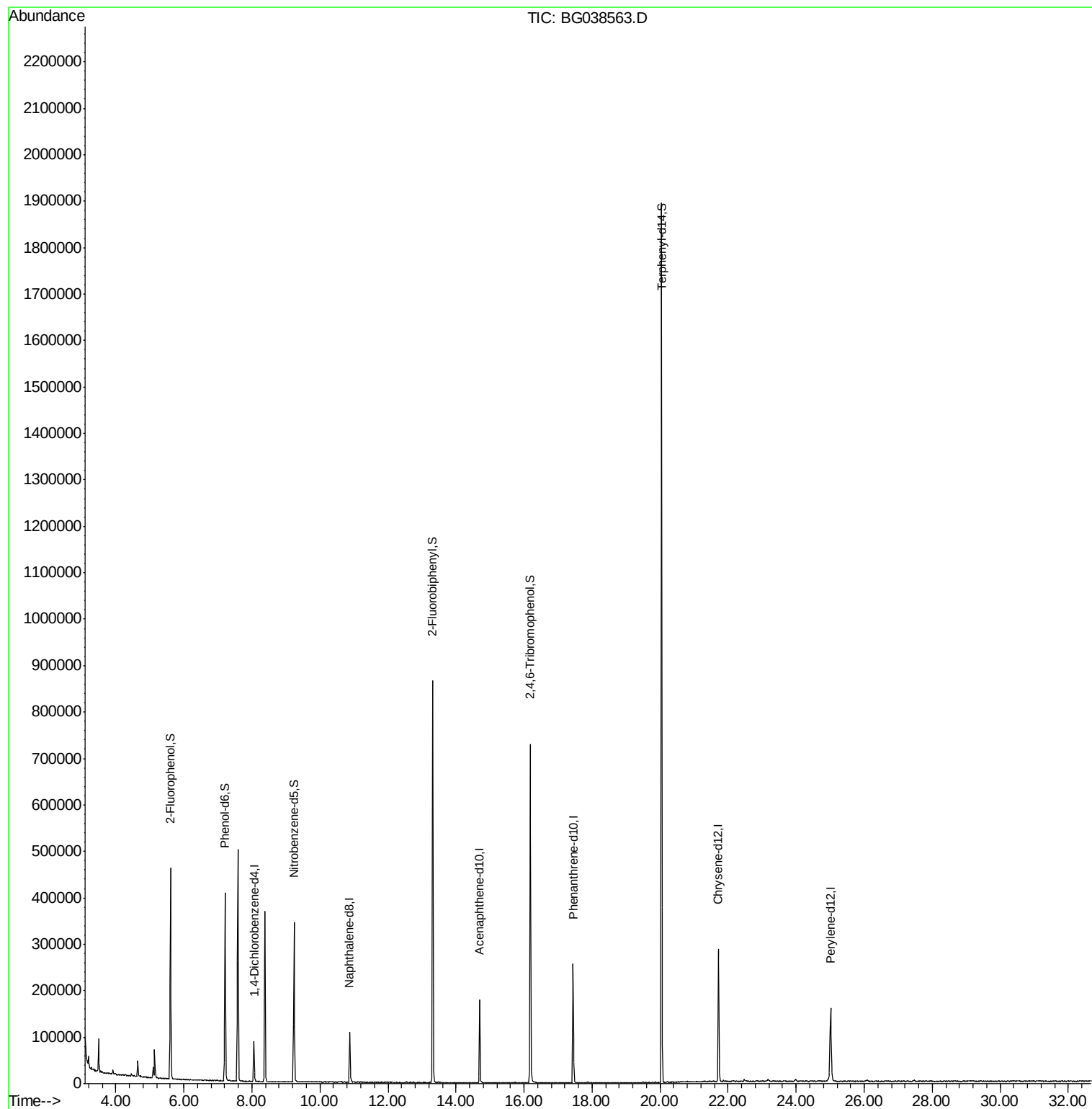
Target Compounds Qvalue

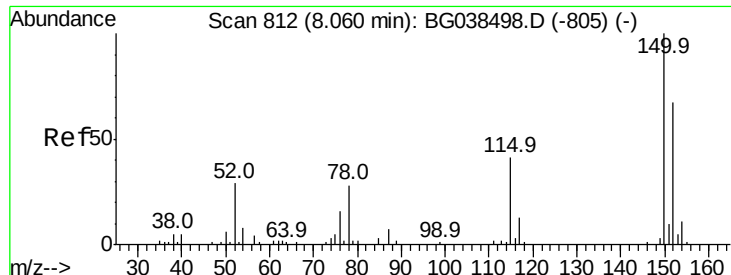
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038563.D
Acq On : 14 Dec 2018 11:06
Operator : JU/SJ
Sample : J6194-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-121118

Quant Time: Dec 14 11:46:52 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG038563.D

Acq: 14 Dec 2018 11:06

Instrument :

BNA_G

ClientSampleId :

OK-03-121118

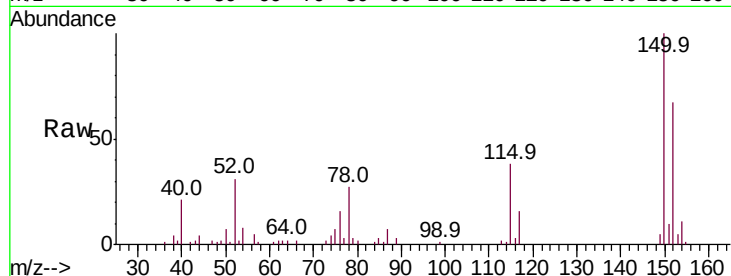
Tot Ion:152 Resp: 24168

Ion Ratio Lower Upper

152 100

150 150.0 119.5 179.3

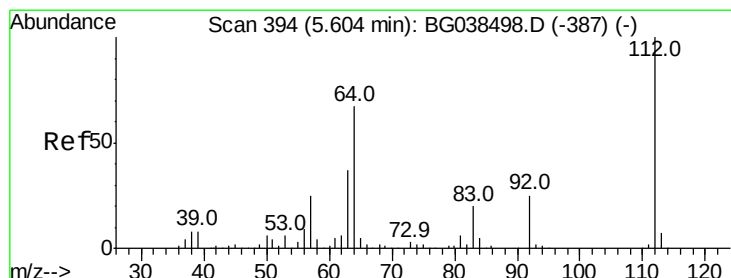
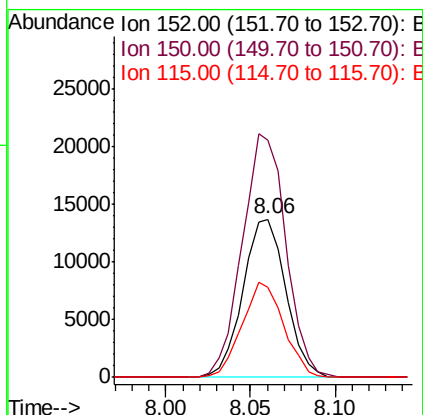
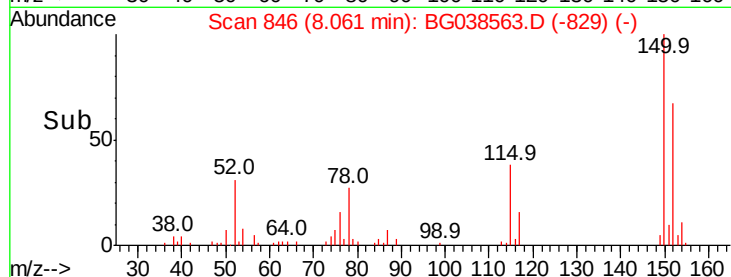
115 56.8 49.6 74.4



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: 140.236 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038563.D

Acq: 14 Dec 2018 11:06

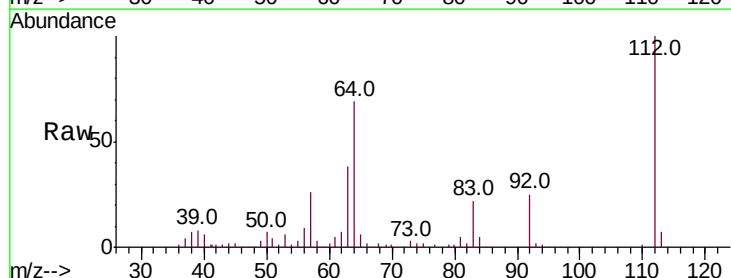
Tgt Ion:112 Resp: 191087

Ion Ratio Lower Upper

112 100

64 68.5 53.4 80.2

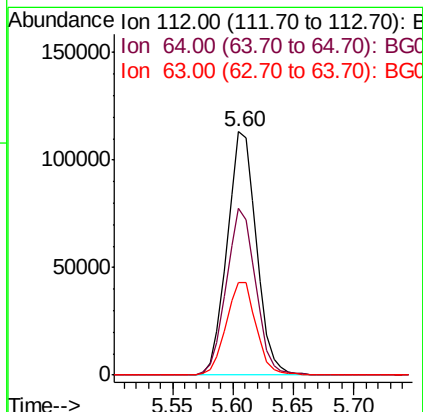
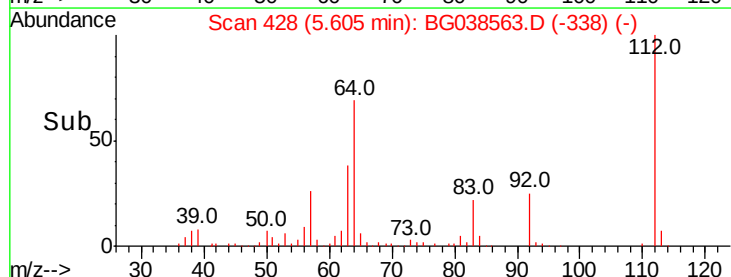
63 38.2 29.3 43.9

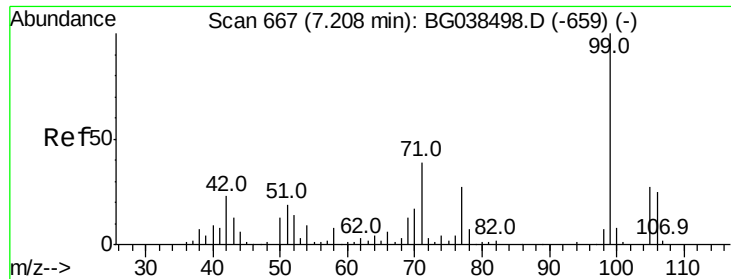


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.693 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038563.D

Acq: 14 Dec 2018 11:06

Instrument :

BNA_G

ClientSampleId :

OK-03-121118

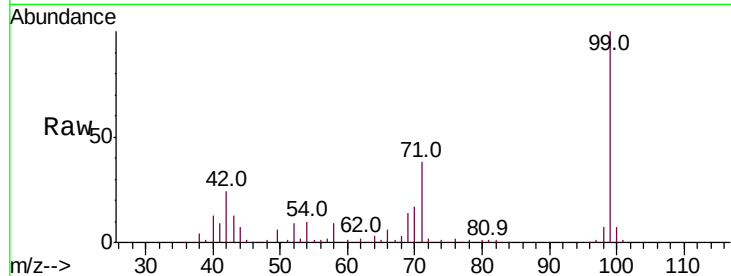
Tot Ion: 99 Resp: 227639

Ion Ratio Lower Upper

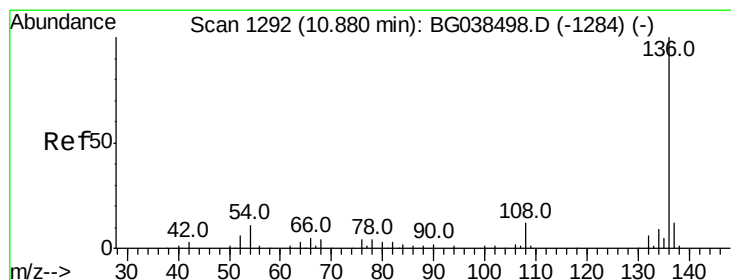
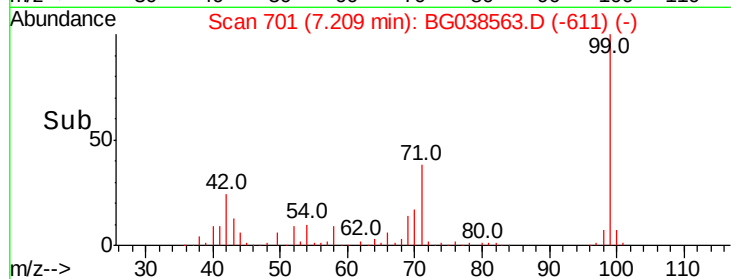
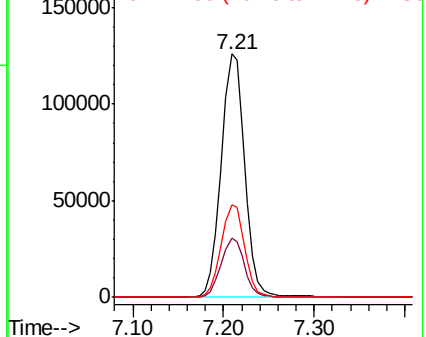
99 100

42 24.3 18.5 27.7

71 37.9 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. -0.00 min

Lab File: BG038563.D

Acq: 14 Dec 2018 11:06

Tgt Ion: 136 Resp: 98189

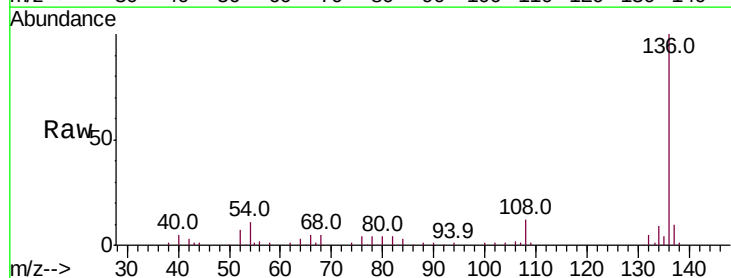
Ion Ratio Lower Upper

136 100

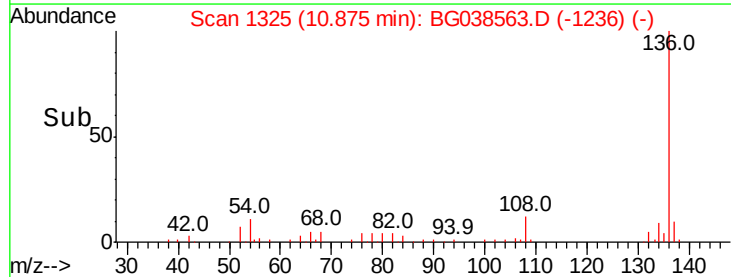
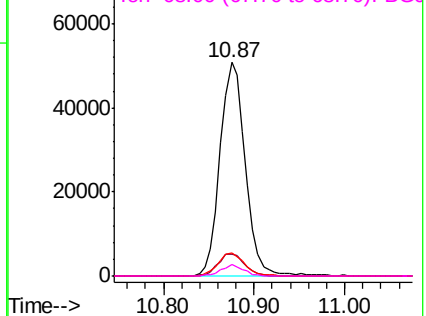
137 10.1 9.3 13.9

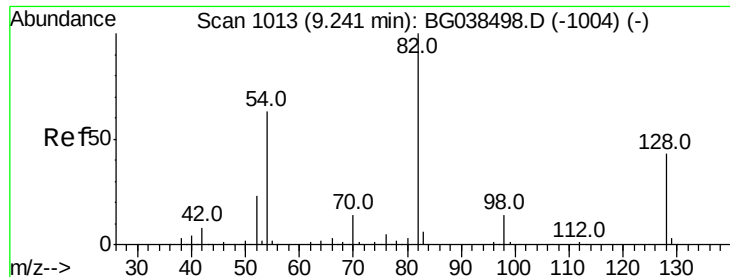
54 10.6 8.5 12.7

68 5.3 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

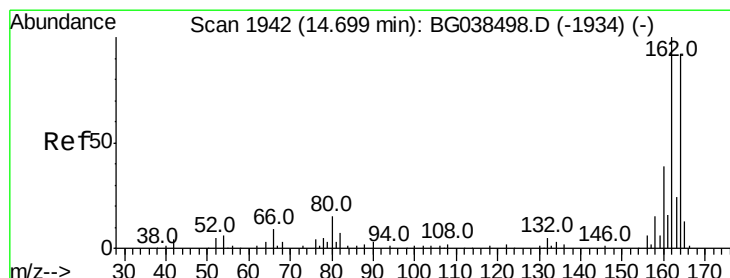
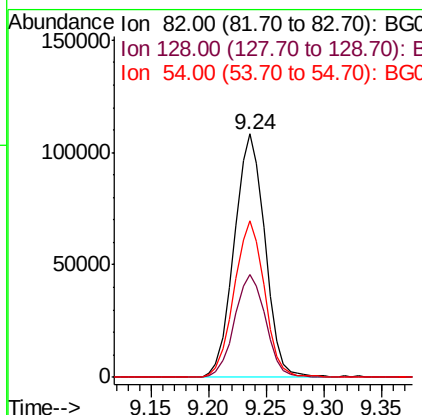
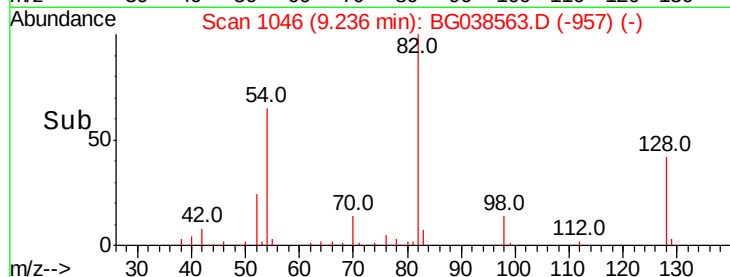
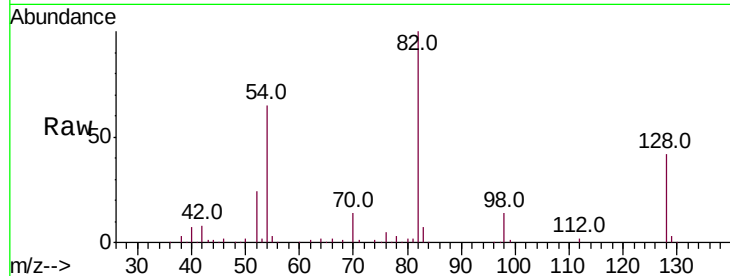




#23
Nitrobenzene-d5
Concen: 103.908 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038563.D
Acq: 14 Dec 2018 11:06

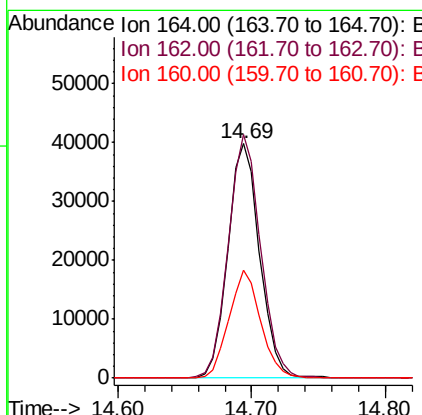
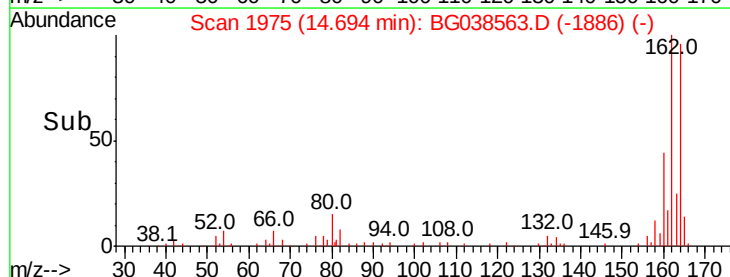
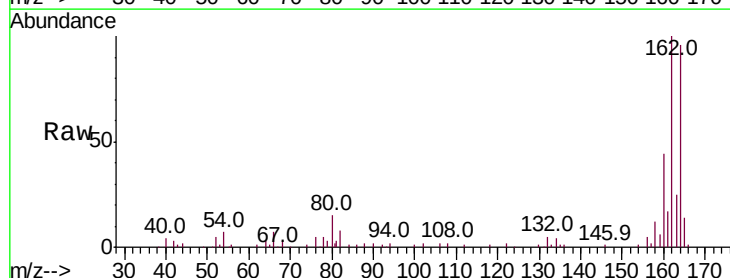
Instrument :
BNA_G
ClientSampleId :
OK-03-121118

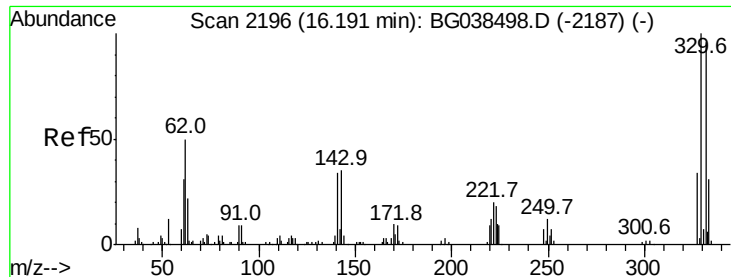
Tot Ion: 82 Resp: 199710
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 64.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038563.D
Acq: 14 Dec 2018 11:06

Tgt Ion:164 Resp: 66024
Ion Ratio Lower Upper
164 100
162 103.9 86.6 130.0
160 45.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 161.154 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038563.D

Acq: 14 Dec 2018 11:06

Instrument :

BNA_G

ClientSampleId :

OK-03-121118

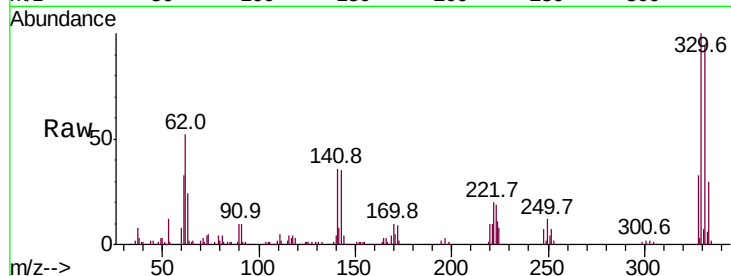
Tot Ion:330 Resp: 146639

Ion Ratio Lower Upper

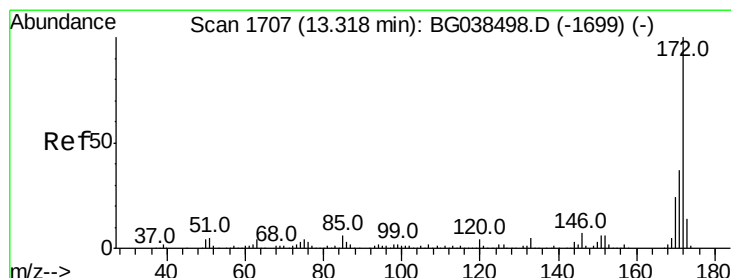
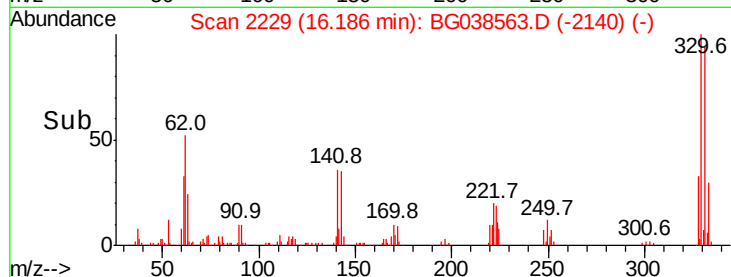
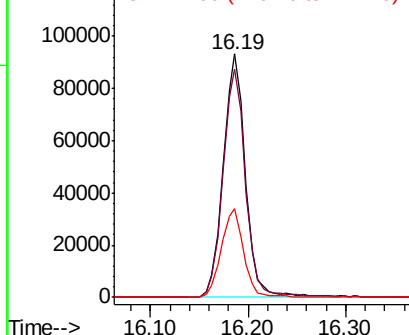
330 100

332 95.8 76.9 115.3

141 36.5 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: 96.767 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038563.D

Acq: 14 Dec 2018 11:06

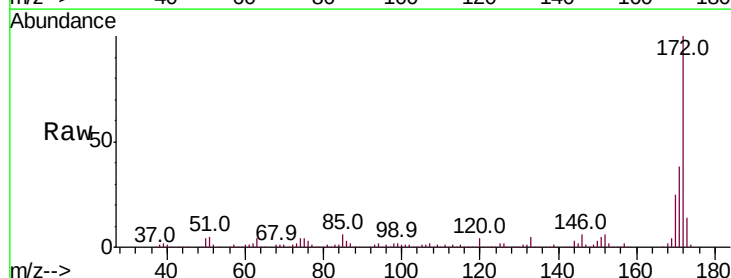
Tgt Ion:172 Resp: 465719

Ion Ratio Lower Upper

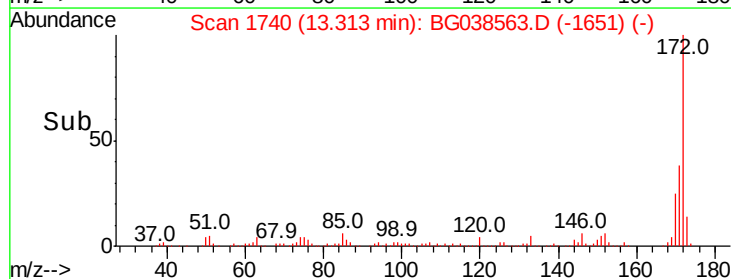
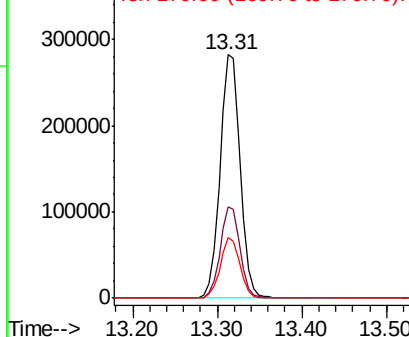
172 100

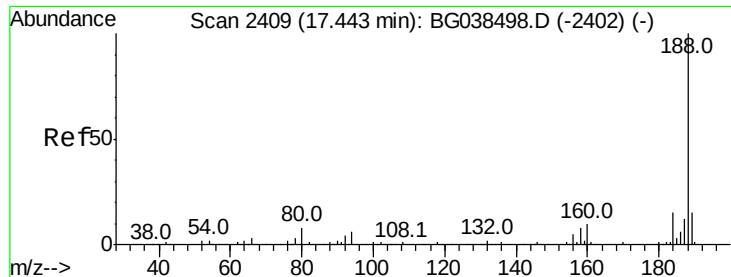
171 37.7 29.8 44.6

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

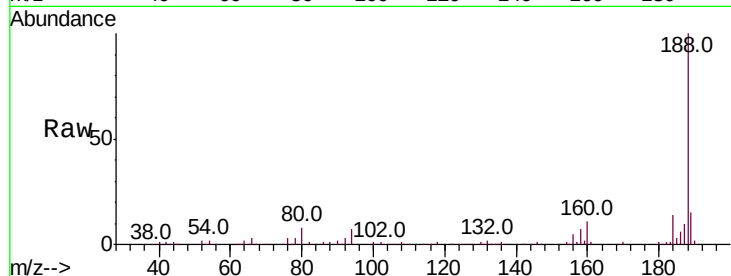




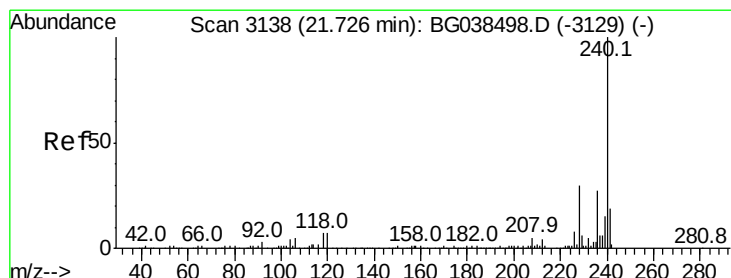
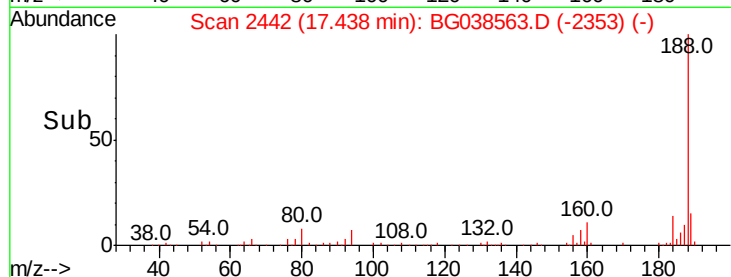
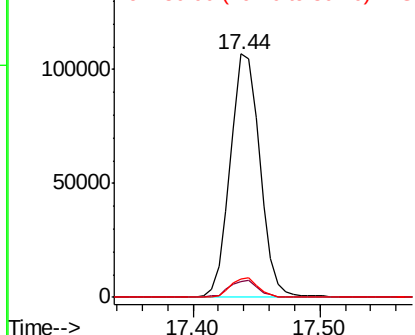
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038563.D
 Acq: 14 Dec 2018 11:06

Instrument :
 BNA_G
 ClientSampled :
 OK-03-121118

Tot Ion:188 Resp: 172418
 Ion Ratio Lower Upper
 188 100
 94 6.6 5.1 7.7
 80 7.7 6.1 9.1

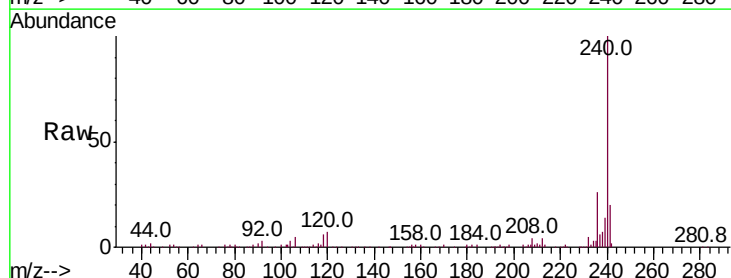


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

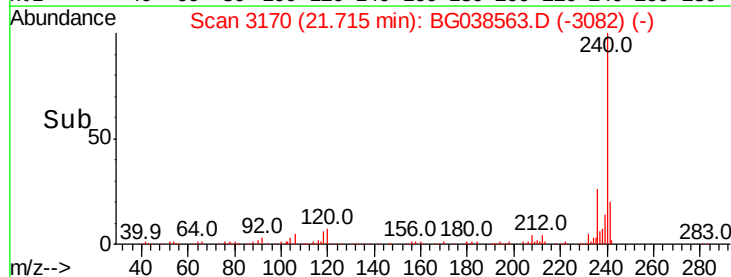
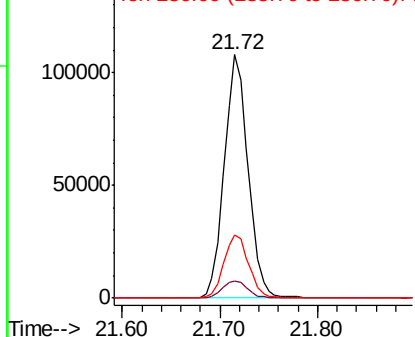


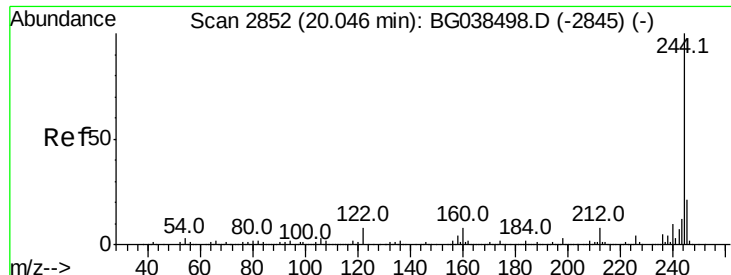
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038563.D
 Acq: 14 Dec 2018 11:06

Tgt Ion:240 Resp: 182615
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.3 7.9
 236 25.7 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: 112.207 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038563.D

Acq: 14 Dec 2018 11:06

Instrument :

BNA_G

ClientSampleId :

OK-03-121118

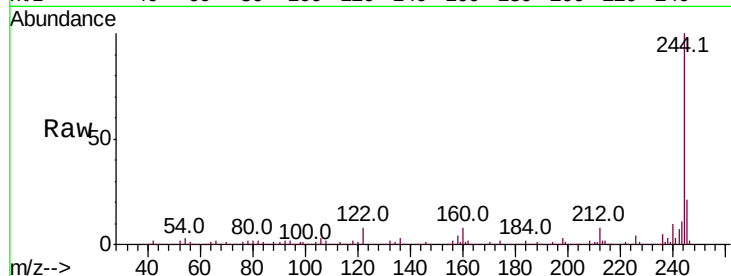
Tot Ion:244 Resp: 941520

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

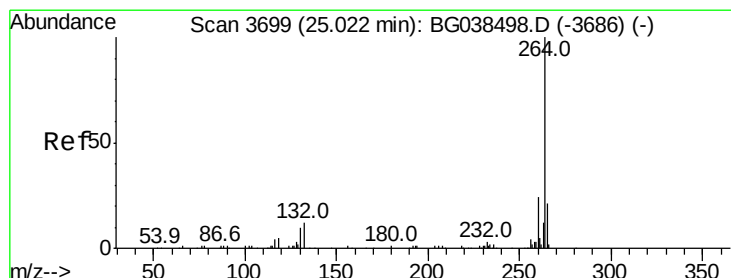
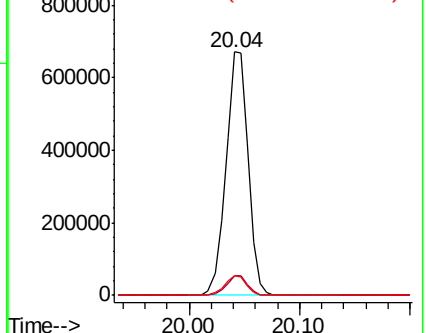
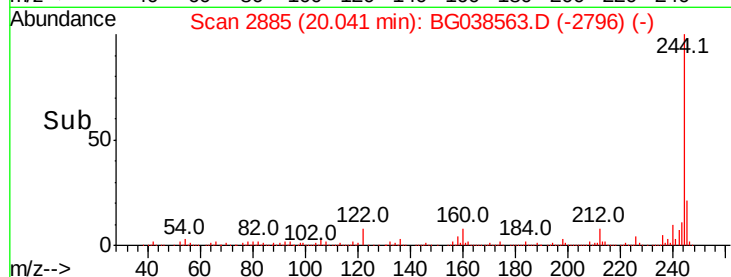
122 8.0 6.3 9.5



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: BG038563.D

Acq: 14 Dec 2018 11:06

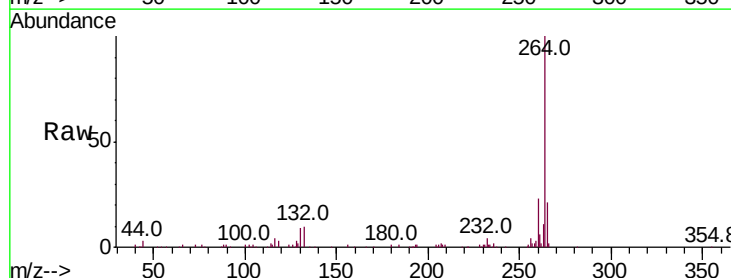
Tgt Ion:264 Resp: 191911

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 20.9 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

