

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038758.D
 Acq On : 20 Dec 2018 11:33
 Operator : JU/SJ
 Sample : PB115840BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115840BL

Quant Time: Dec 20 12:27:13 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	20239	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	81104	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58280	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	154087	20.00	ng	0.00
76) Chrysene-d12	21.71	240	162461	20.00	ng	-0.01
87) Perylene-d12	25.02	264	170271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	156556	137.20	ng	0.00
7) Phenol-d6	7.21	99	214338	136.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	129778	81.75	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	112257	139.76	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	359374	84.59	ng	0.00
79) Terphenyl-d14	20.04	244	734747	98.43	ng	0.00

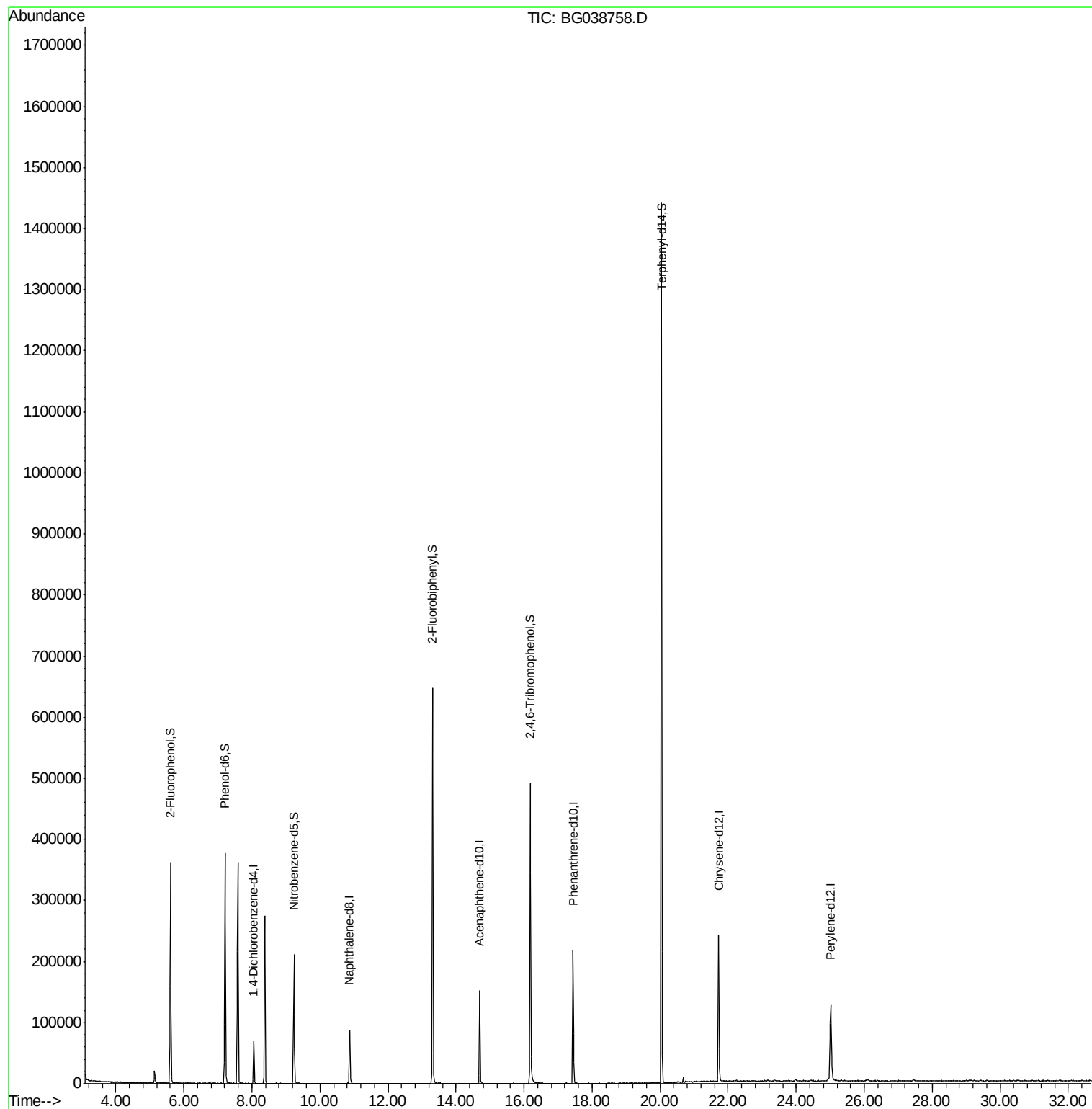
Target Compounds Qvalue

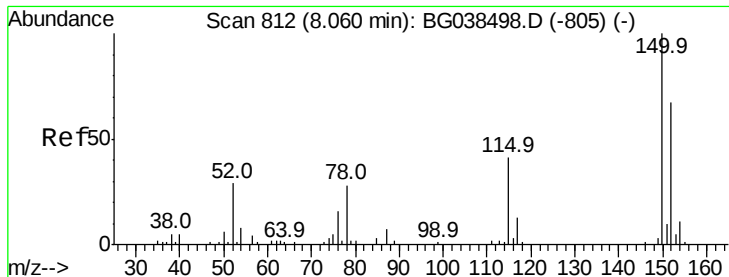
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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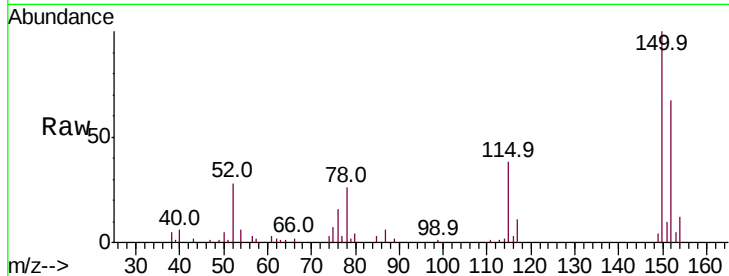


#1

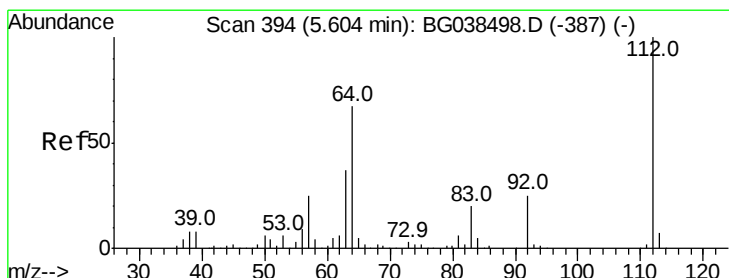
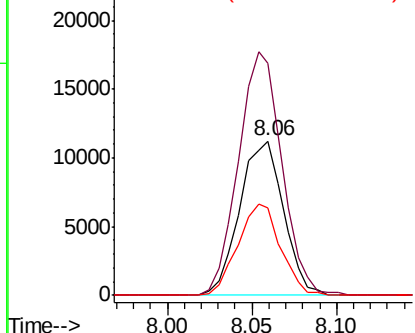
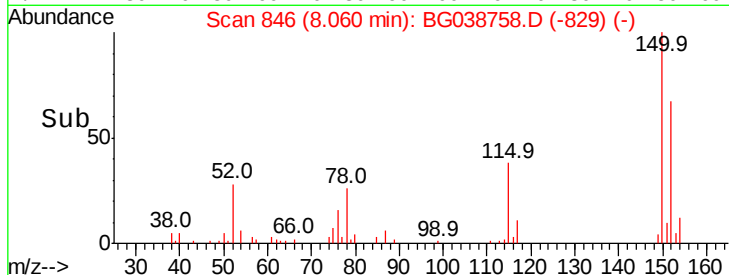
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038758.D
Acq: 20 Dec 2018 11:33

Instrument :
BNA_G
ClientSampleId :
PB115840BL

Tot Ion:152 Resp: 20239
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 56.6 49.6 74.4



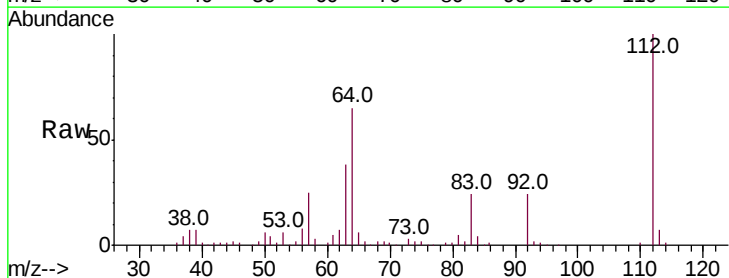
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



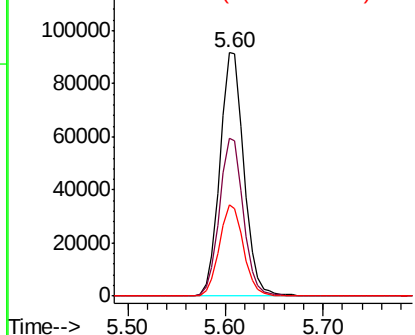
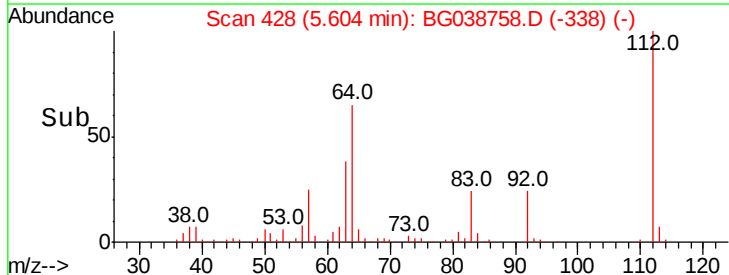
#5

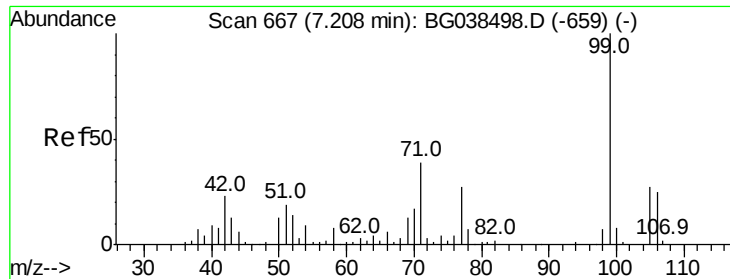
2-Fluorophenol
Concen: 137.198 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038758.D
Acq: 20 Dec 2018 11:33

Tgt Ion:112 Resp: 156556
Ion Ratio Lower Upper
112 100
64 65.0 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: 136.826 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038758.D

Acq: 20 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB115840BL

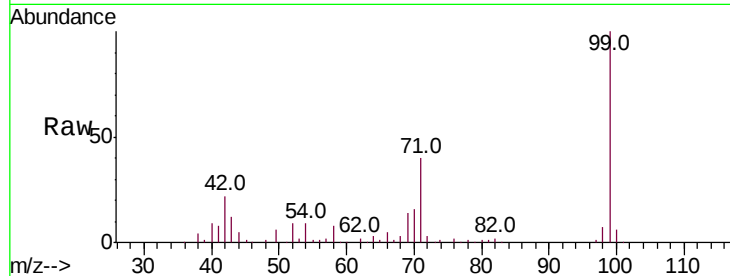
Tot Ion: 99 Resp: 214338

Ion Ratio Lower Upper

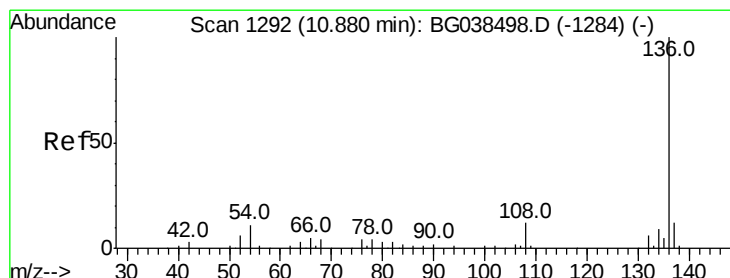
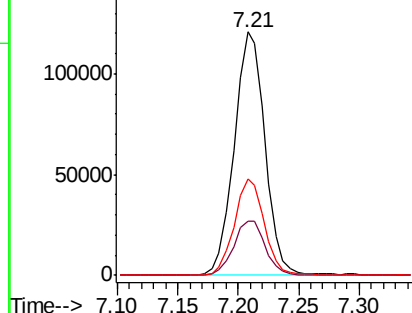
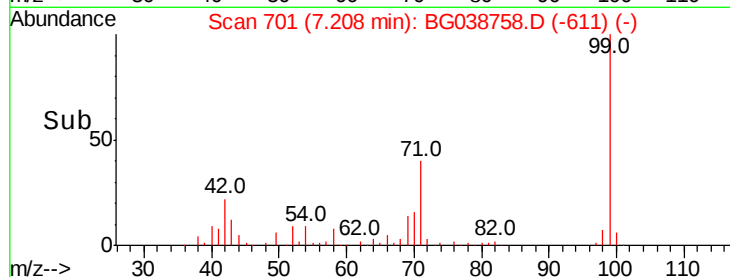
99 100

42 22.2 18.5 27.7

71 39.6 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: BG038758.D

Acq: 20 Dec 2018 11:33

Tgt Ion:136 Resp: 81104

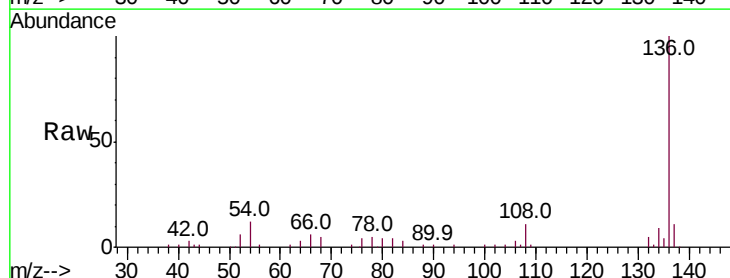
Ion Ratio Lower Upper

136 100

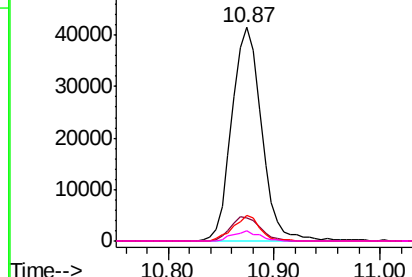
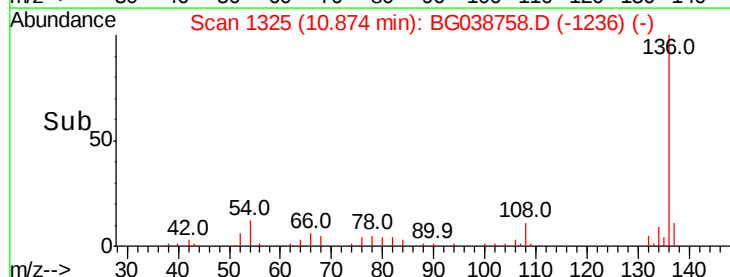
137 10.7 9.3 13.9

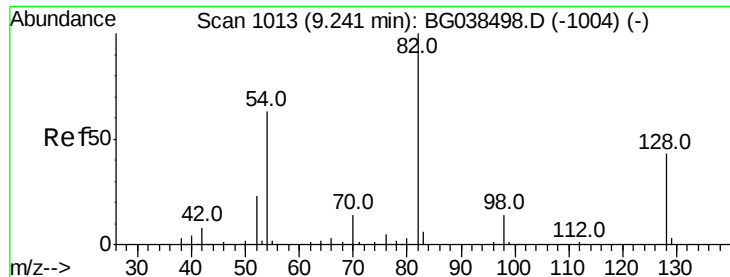
54 11.7 8.5 12.7

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

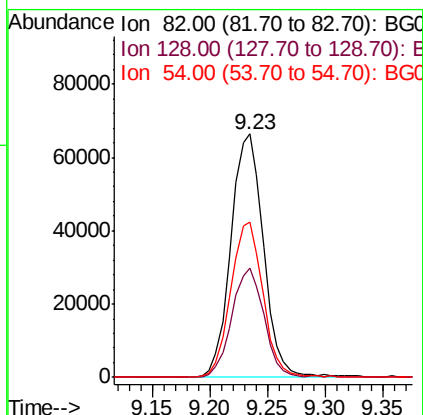
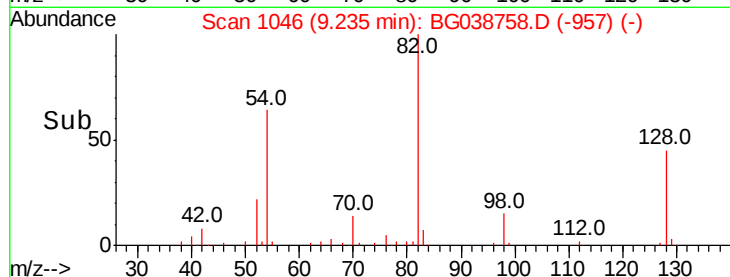
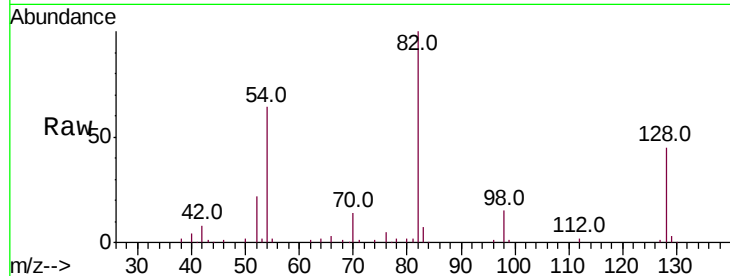




#23
 Nitrobenzene-d5
 Concen: 81.747 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038758.D
 Acq: 20 Dec 2018 11:33

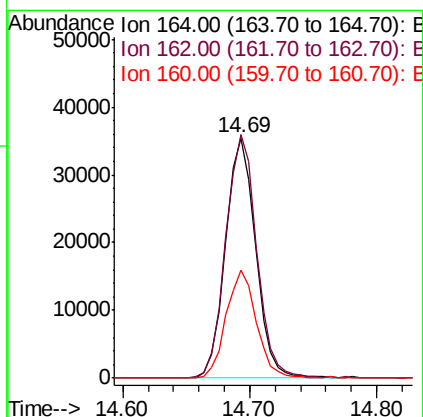
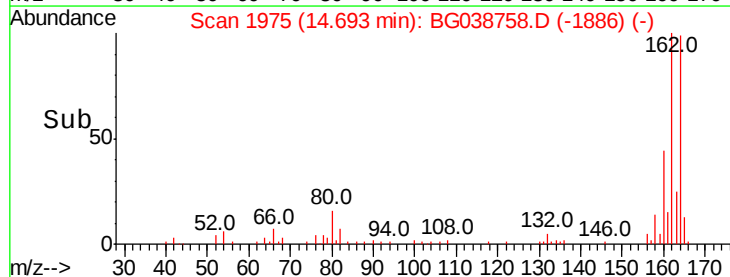
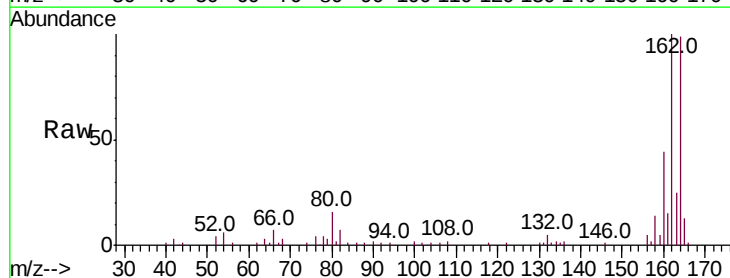
Instrument :
 BNA_G
 ClientSampleID :
 PB115840BL

Tot Ion: 82 Resp: 129778
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.6 52.0
 54 64.0 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: BG038758.D
 Acq: 20 Dec 2018 11:33

Tgt Ion:164 Resp: 58280
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.6 130.0
 160 44.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 139.762 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038758.D

Acq: 20 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB115840BL

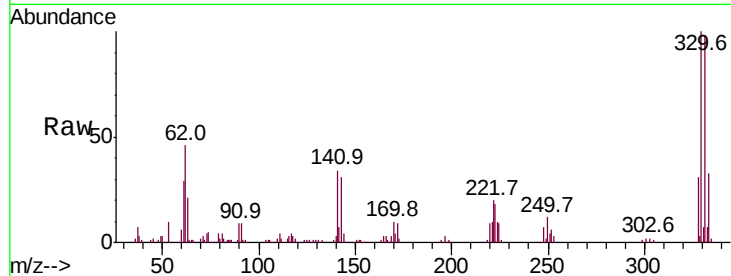
Tot Ion:330 Resp: 112257

Ion Ratio Lower Upper

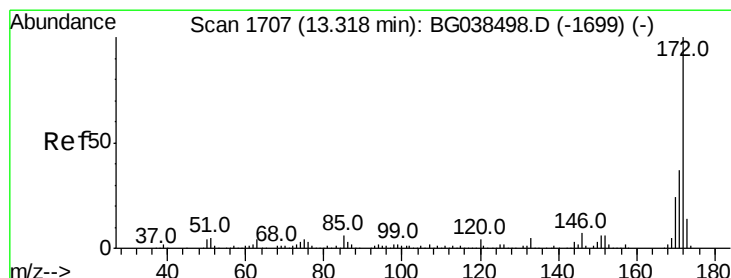
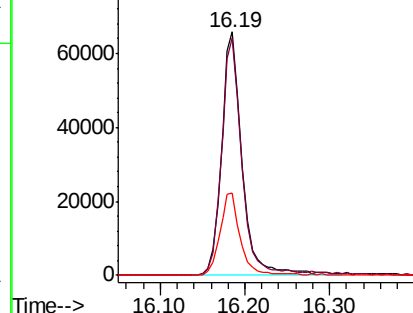
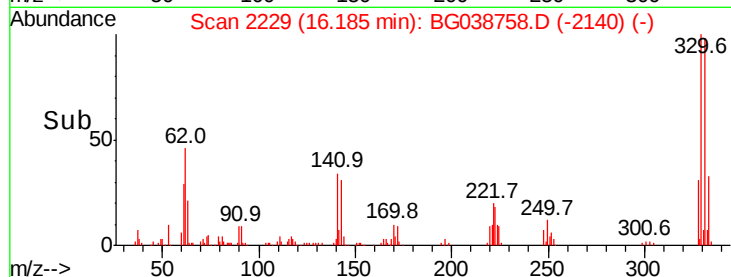
330 100

332 95.6 76.9 115.3

141 32.8 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: 84.593 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038758.D

Acq: 20 Dec 2018 11:33

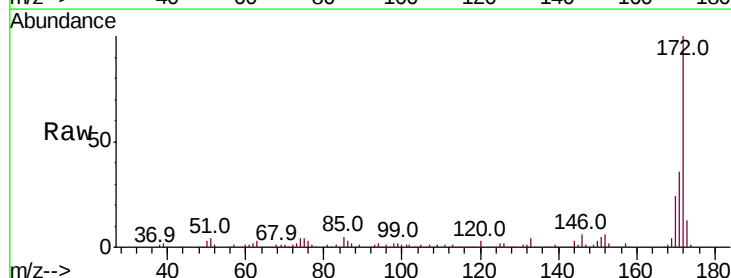
Tgt Ion:172 Resp: 359374

Ion Ratio Lower Upper

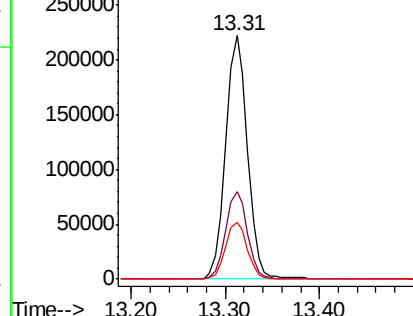
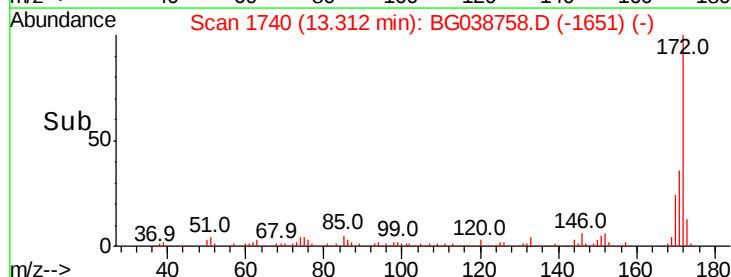
172 100

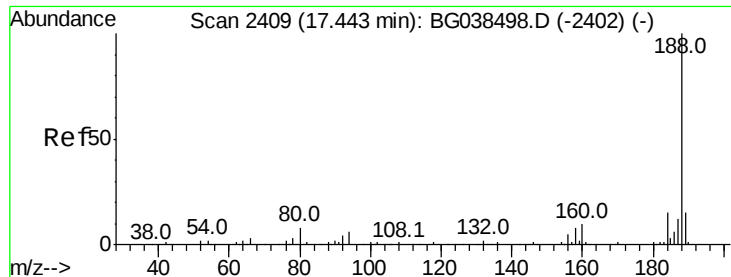
171 36.0 29.8 44.6

170 23.5 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

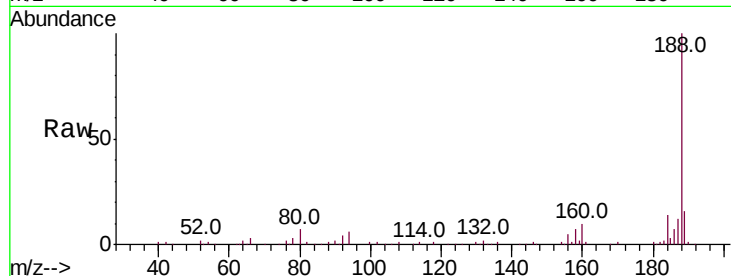




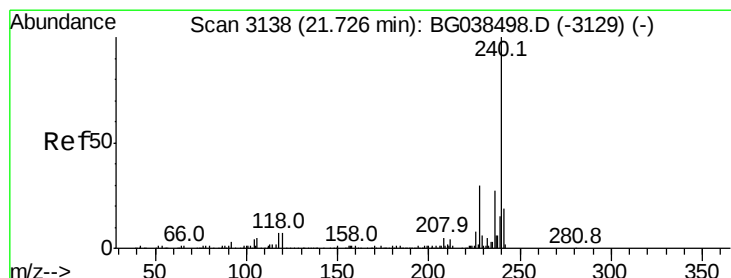
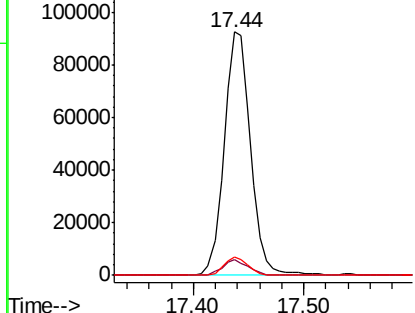
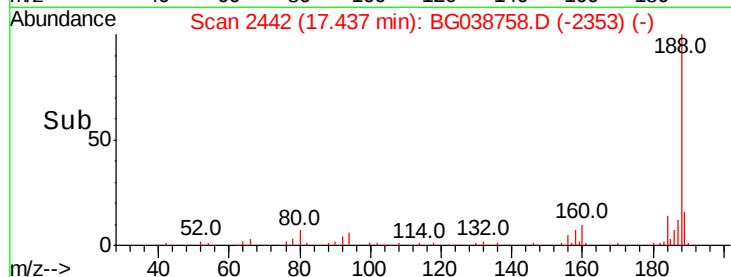
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038758.D
Acq: 20 Dec 2018 11:33

Instrument :
BNA_G
ClientSampleId :
PB115840BL

Tot Ion:188 Resp: 154087
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 7.4 6.1 9.1

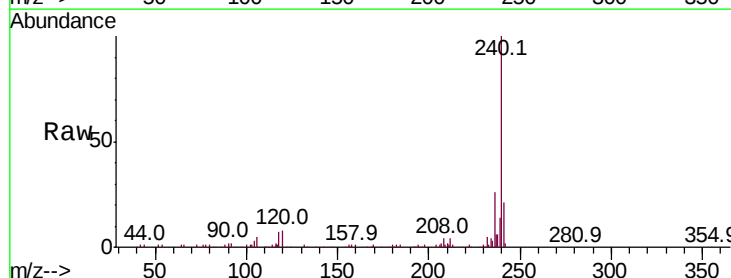


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

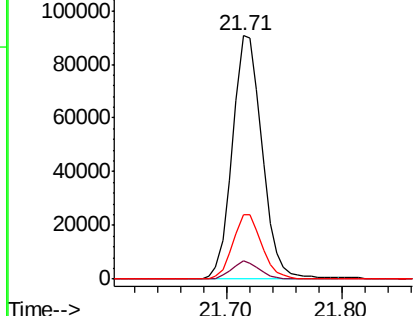
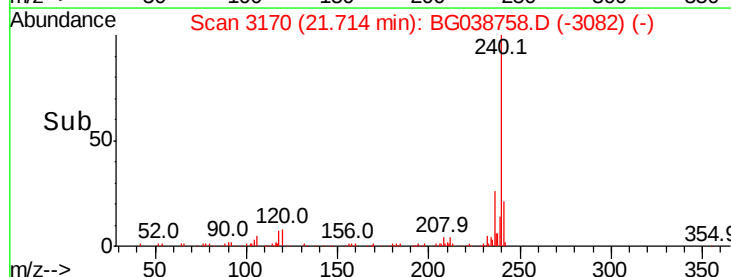


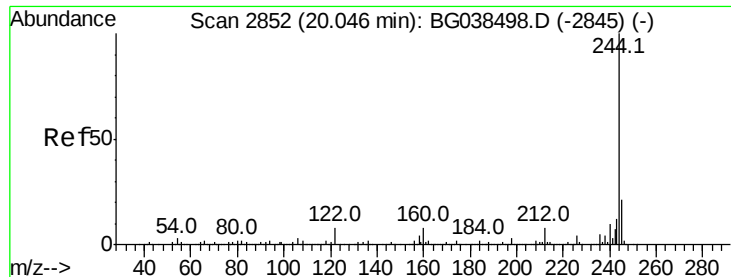
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038758.D
Acq: 20 Dec 2018 11:33

Tgt Ion:240 Resp: 162461
Ion Ratio Lower Upper
240 100
120 7.5 5.3 7.9
236 26.3 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: 98.427 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038758.D

Acq: 20 Dec 2018 11:33

Instrument :

BNA_G

ClientSampleId :

PB115840BL

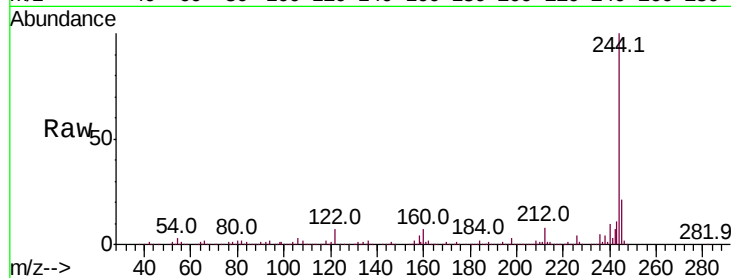
Tot Ion:244 Resp: 734747

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

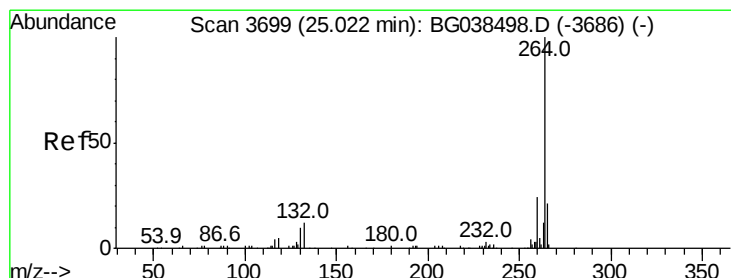
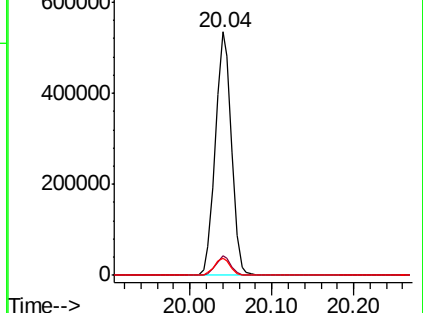
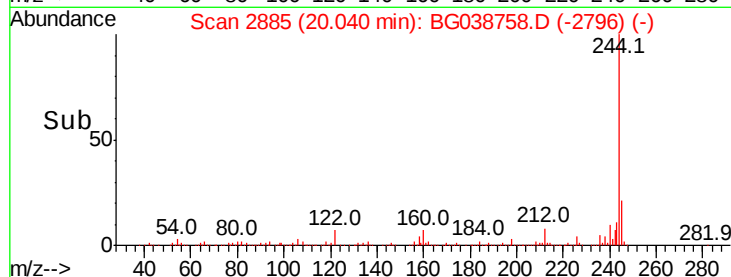
122 7.2 6.3 9.5



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# 3732

Delta R.T. -0.01 min

Lab File: BG038758.D

Acq: 20 Dec 2018 11:33

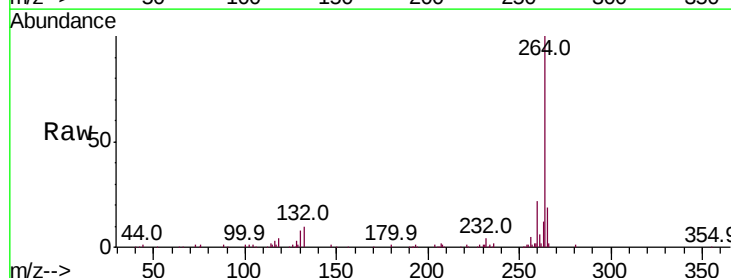
Tgt Ion:264 Resp: 170271

Ion Ratio Lower Upper

264 100

260 21.6 18.9 28.3

265 18.8 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

