

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038707.D
 Acq On : 18 Dec 2018 23:15
 Operator : JU/SJ
 Sample : PB115759BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BL

Quant Time: Dec 19 07:29:06 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	21865	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	91264	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	63786	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	178030	20.00	ng	0.00
76) Chrysene-d12	21.72	240	189451	20.00	ng	0.00
87) Perylene-d12	25.01	264	197667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	133440	108.24	ng	0.00
7) Phenol-d6	7.21	99	184587	109.07	ng	0.00
23) Nitrobenzene-d5	9.23	82	114008	63.82	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	96648	109.94	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	307829	66.20	ng	0.00
79) Terphenyl-d14	20.04	244	642911	73.85	ng	0.00

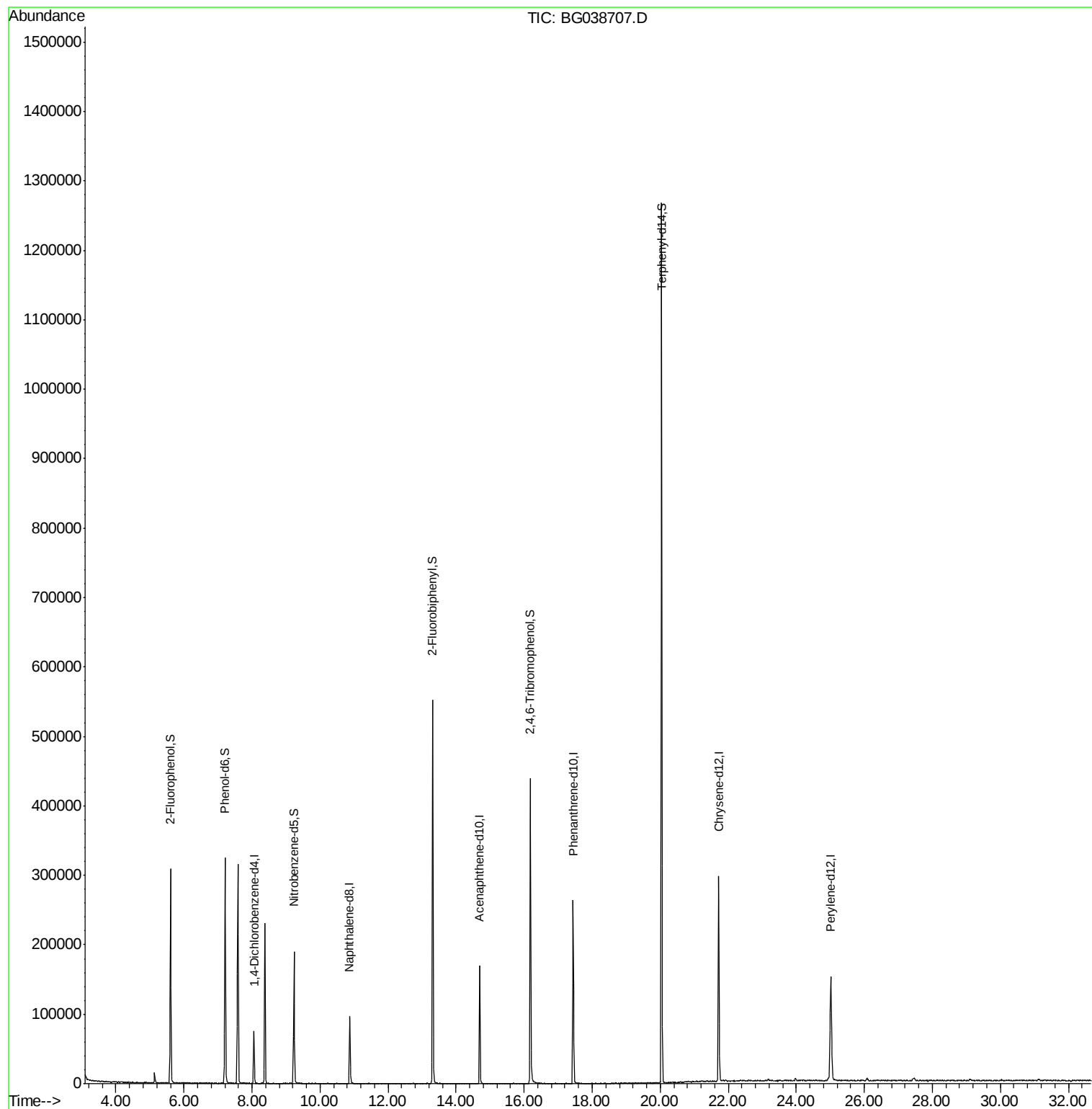
Target Compounds Qvalue

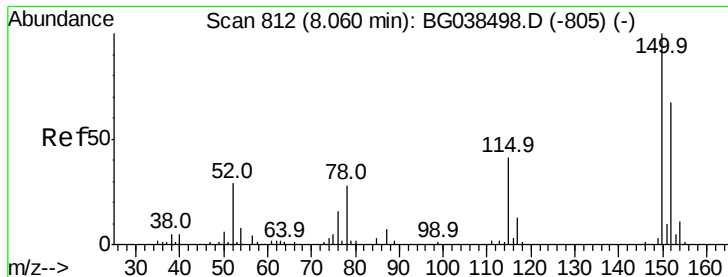
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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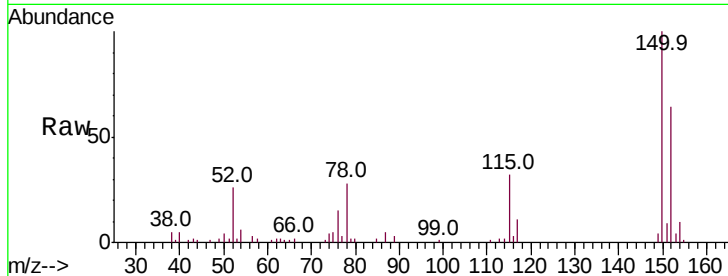


#1

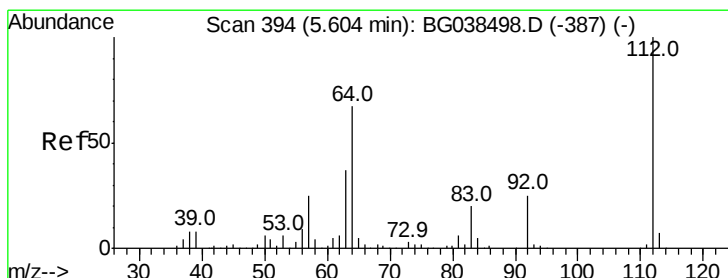
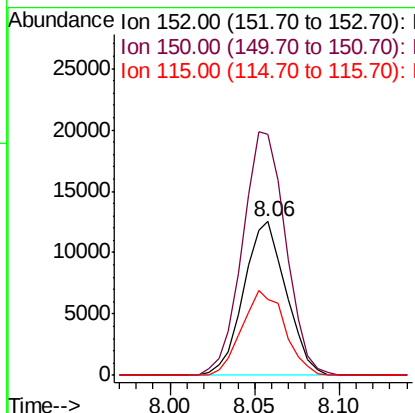
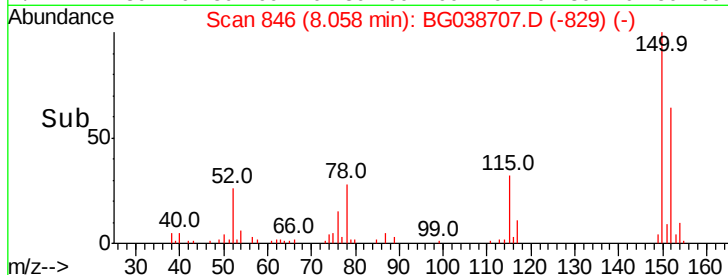
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038707.D
 Acq: 18 Dec 2018 23:15

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BL

Tot Ion:152 Resp: 21865
 Ion Ratio Lower Upper
 152 100
 150 156.3 119.5 179.3
 115 49.6 49.6 74.4#



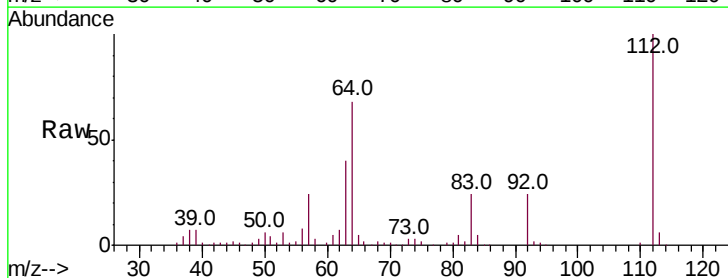
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



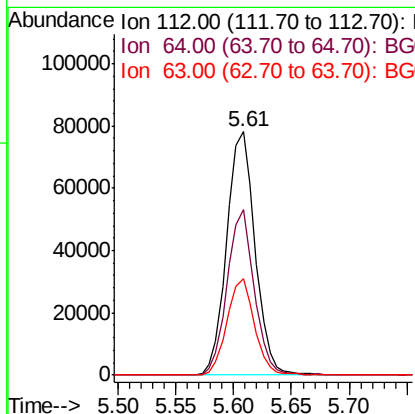
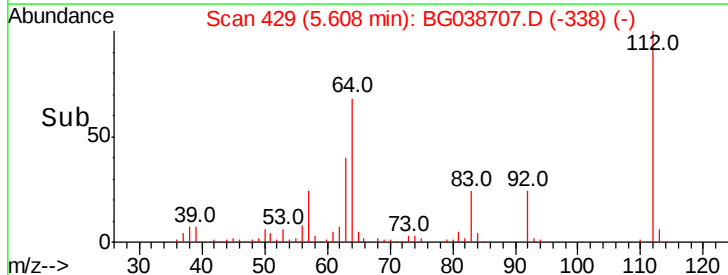
#5

2-Fluorophenol
 Concen: 108.244 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038707.D
 Acq: 18 Dec 2018 23:15

Tgt Ion:112 Resp: 133440
 Ion Ratio Lower Upper
 112 100
 64 67.8 53.4 80.2
 63 39.8 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: 109.071 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038707.D

Acq: 18 Dec 2018 23:15

Instrument :

BNA_G

ClientSampled :

PB115759BL

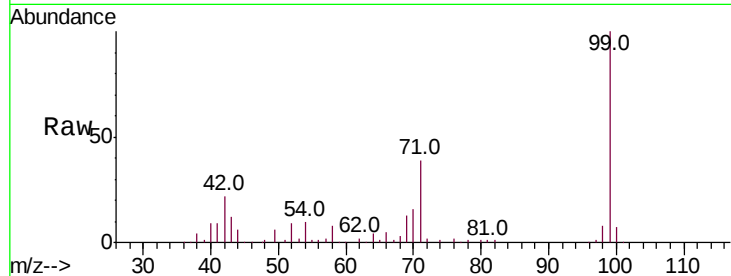
Tot Ion: 99 Resp: 184587

Ion Ratio Lower Upper

99 100

42 22.0 18.5 27.7

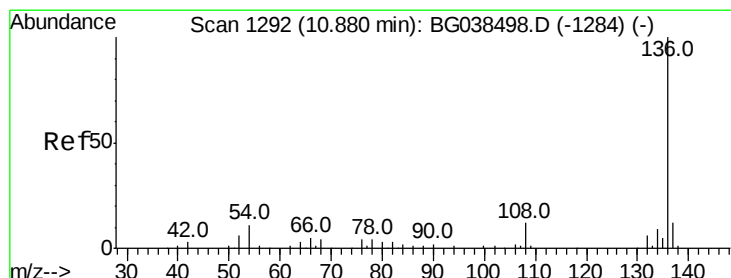
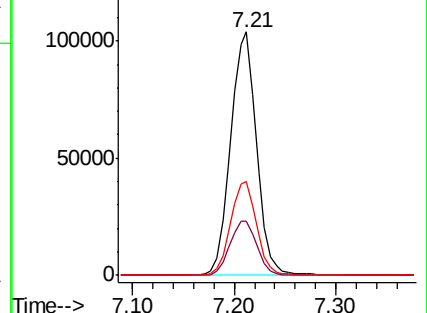
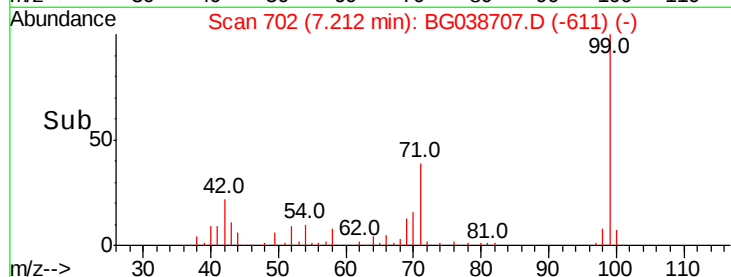
71 38.7 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038707.D

Acq: 18 Dec 2018 23:15

Tgt Ion: 136 Resp: 91264

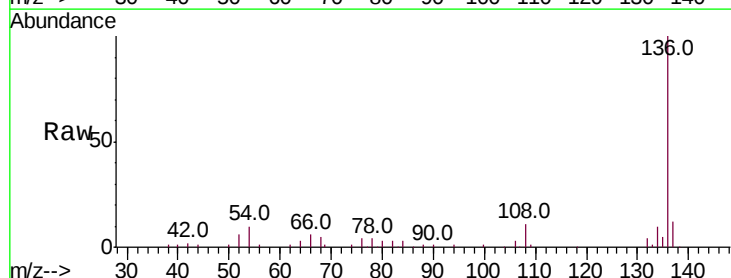
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 10.4 8.5 12.7

68 5.6 3.5 5.3#

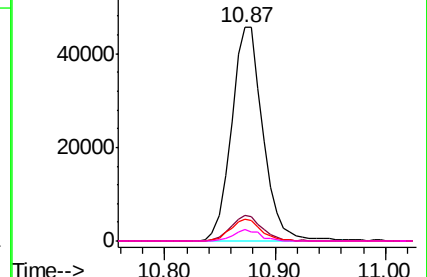
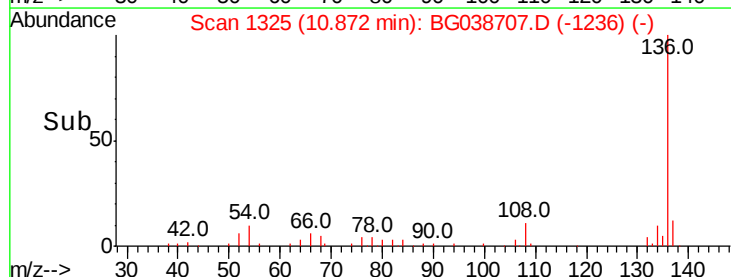


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 63.819 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038707.D

Acq: 18 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

PB115759BL

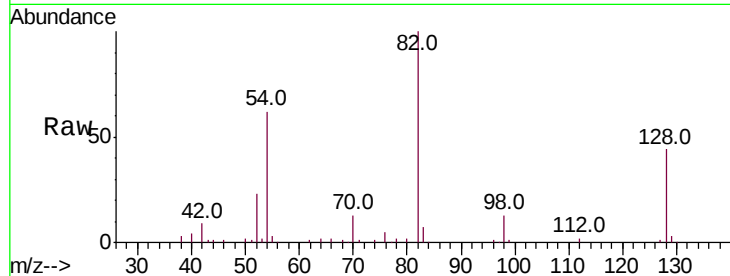
Tot Ion: 82 Resp: 114008

Ion Ratio Lower Upper

82 100

128 43.6 34.6 52.0

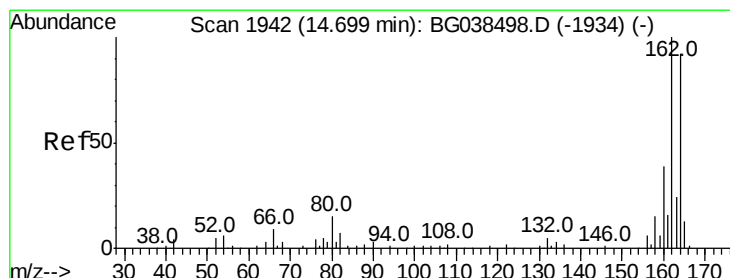
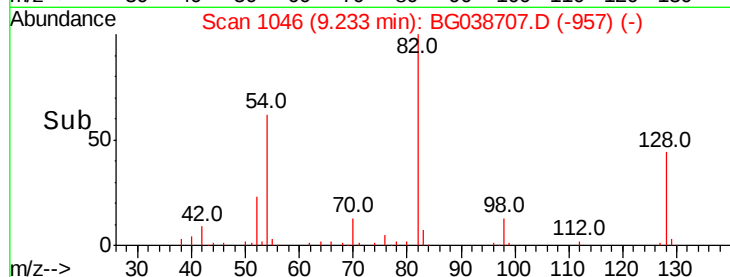
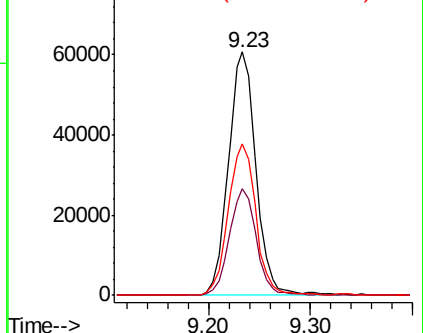
54 62.1 50.6 76.0



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: BG038707.D

Acq: 18 Dec 2018 23:15

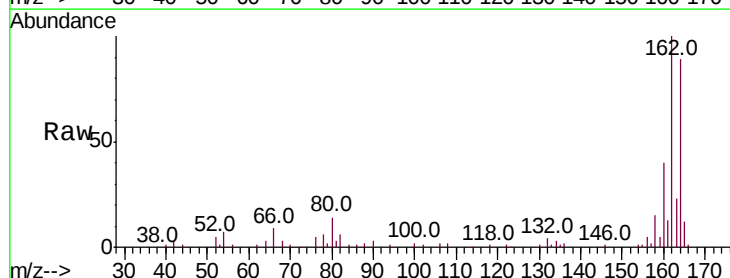
Tgt Ion: 164 Resp: 63786

Ion Ratio Lower Upper

164 100

162 112.0 86.6 130.0

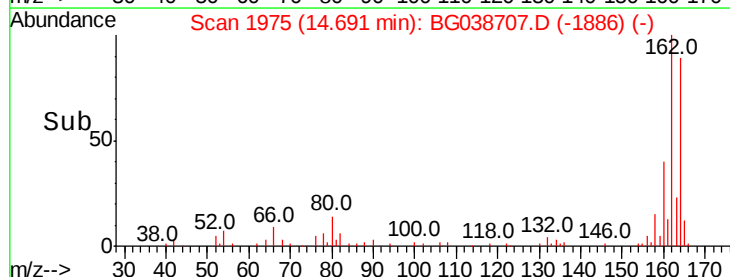
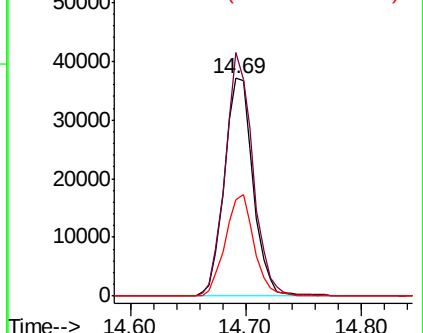
160 44.6 34.2 51.2



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

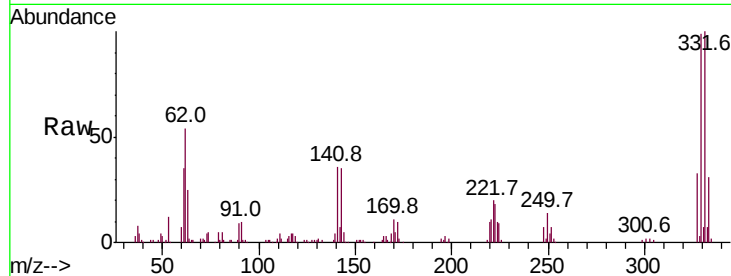




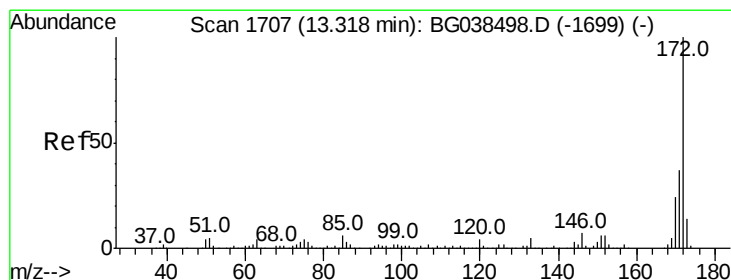
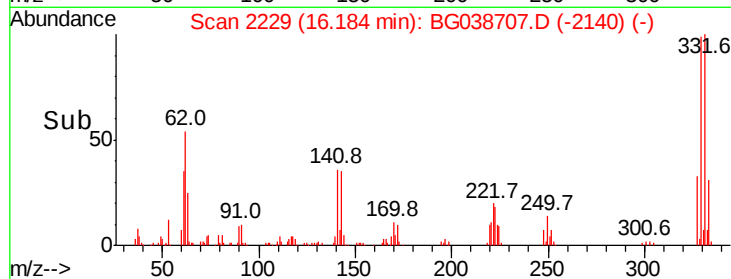
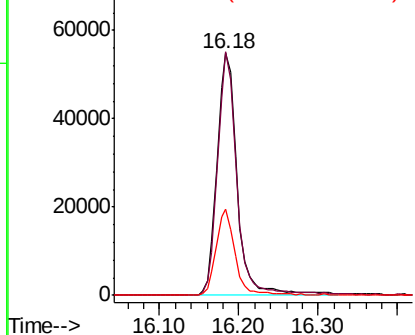
#42
 2,4,6-Tribromophenol
 Concen: 109.941 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038707.D
 Acq: 18 Dec 2018 23:15

Instrument :
 BNA_G
 ClientSampleId :
 PB115759BL

Tot Ion:330 Resp: 96648
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.9 115.3
 141 33.3 28.8 43.2

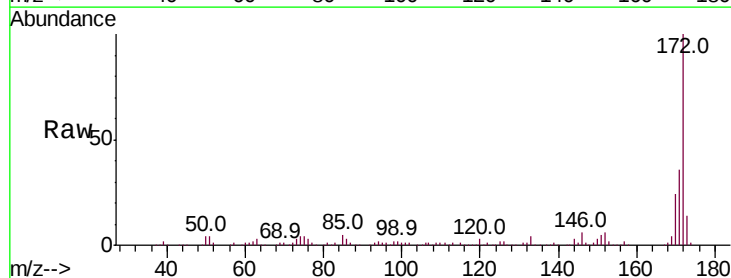


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

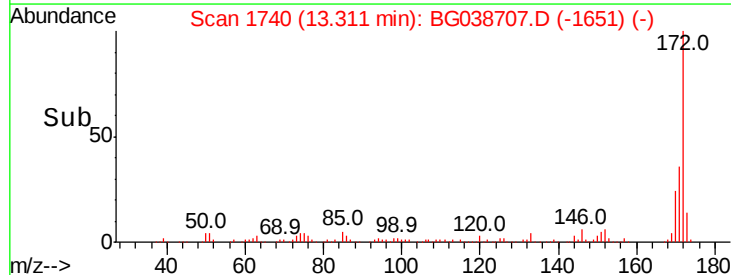
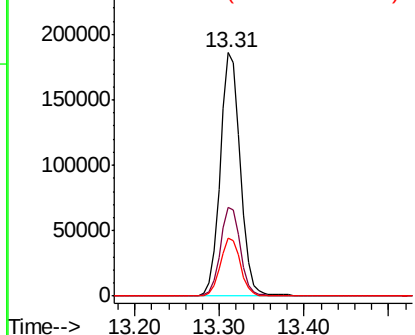


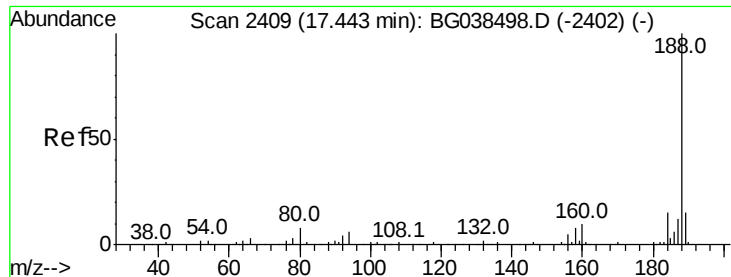
#45
 2-Fluorobiphenyl
 Concen: 66.205 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038707.D
 Acq: 18 Dec 2018 23:15

Tgt Ion:172 Resp: 307829
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.0 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

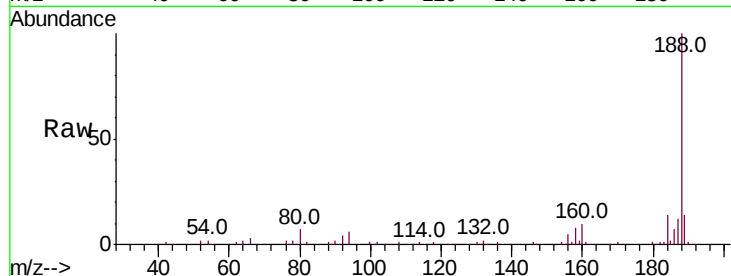




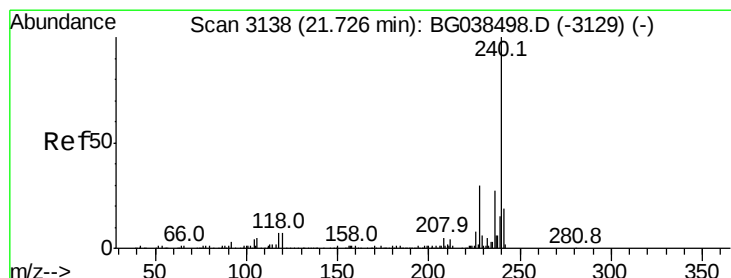
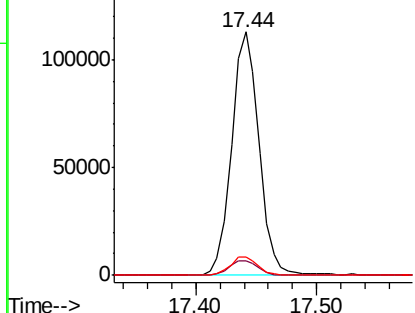
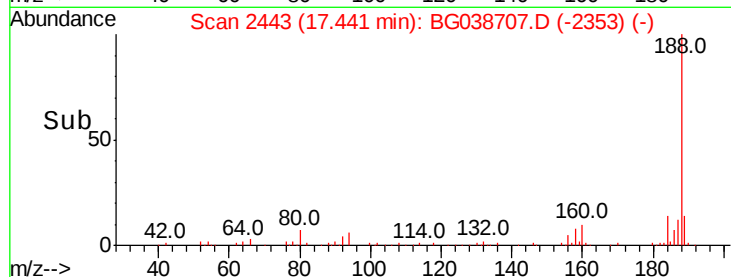
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038707.D
Acq: 18 Dec 2018 23:15

Instrument :
BNA_G
ClientSampleId :
PB115759BL

Tot Ion:188 Resp: 178030
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 7.3 6.1 9.1

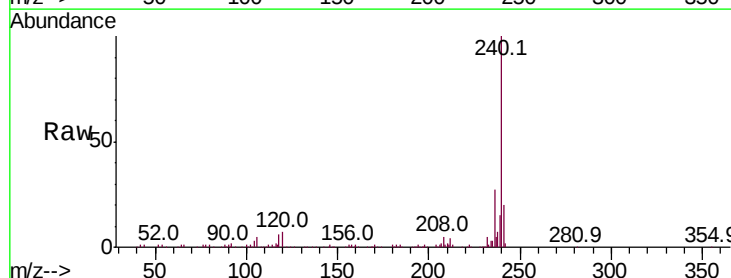


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

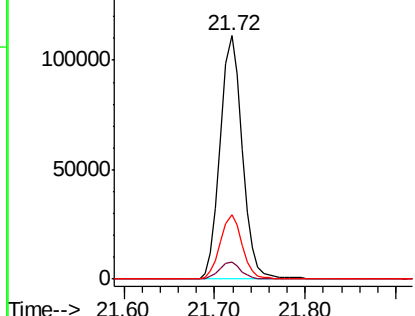
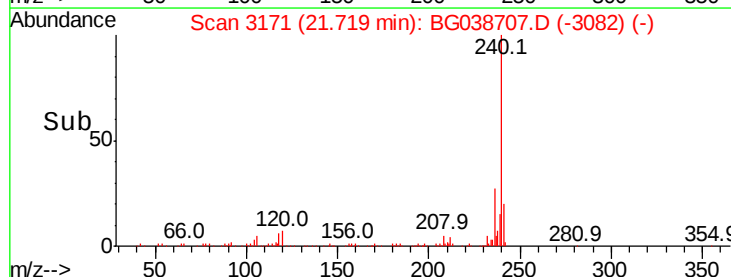


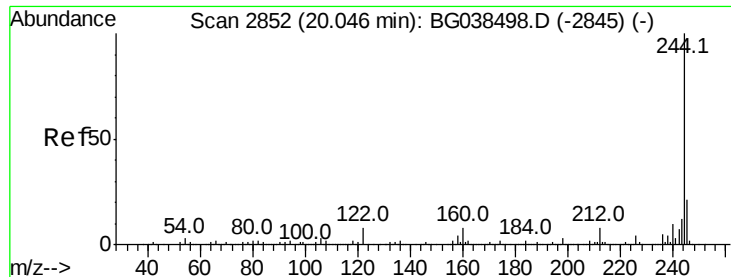
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038707.D
Acq: 18 Dec 2018 23:15

Tgt Ion:240 Resp: 189451
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 26.6 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: 73.855 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038707.D

Acq: 18 Dec 2018 23:15

Instrument :

BNA_G

ClientSampleId :

PB115759BL

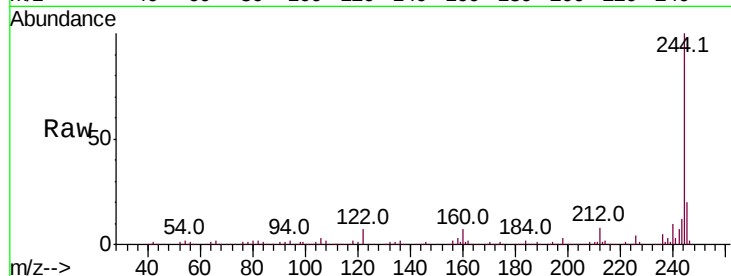
Tot Ion:244 Resp: 642911

Ion Ratio Lower Upper

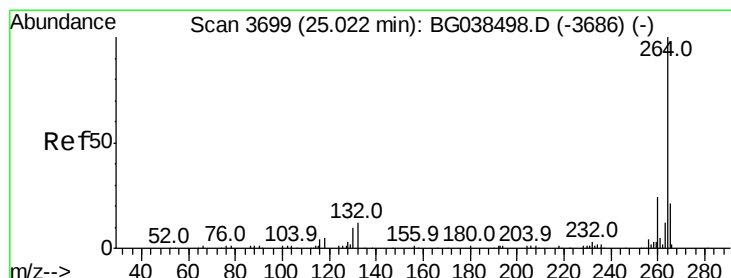
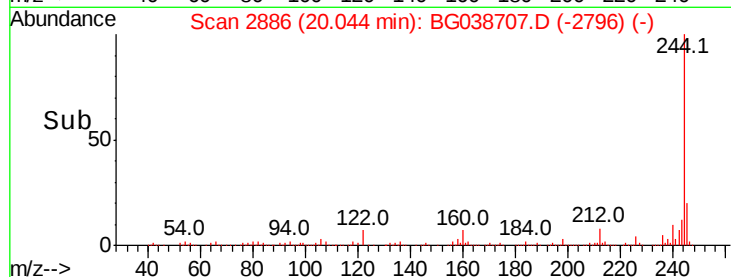
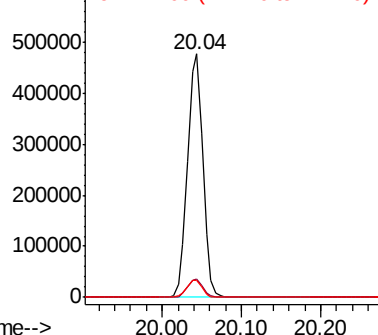
244 100

212 7.6 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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038707.D

Acq: 18 Dec 2018 23:15

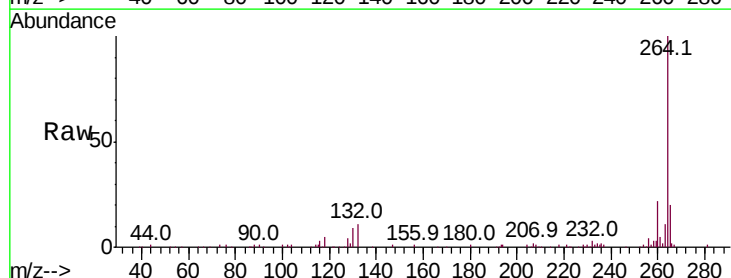
Tgt Ion:264 Resp: 197667

Ion Ratio Lower Upper

264 100

260 21.5 18.9 28.3

265 20.5 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

