

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038589.D
 Acq On : 15 Dec 2018 4:59
 Operator : JU/SJ
 Sample : PB115581BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BL

Quant Time: Dec 16 00:15:26 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	19299	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	77008	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	49373	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	132155	20.00	ng	0.00
76) Chrysene-d12	21.72	240	142598	20.00	ng	0.00
87) Perylene-d12	25.01	264	146926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	139035	127.78	ng	0.00
7) Phenol-d6	7.21	99	182525	122.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	119851	79.51	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	77677	114.16	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	288601	80.19	ng	0.00
79) Terphenyl-d14	20.04	244	584562	89.22	ng	0.00

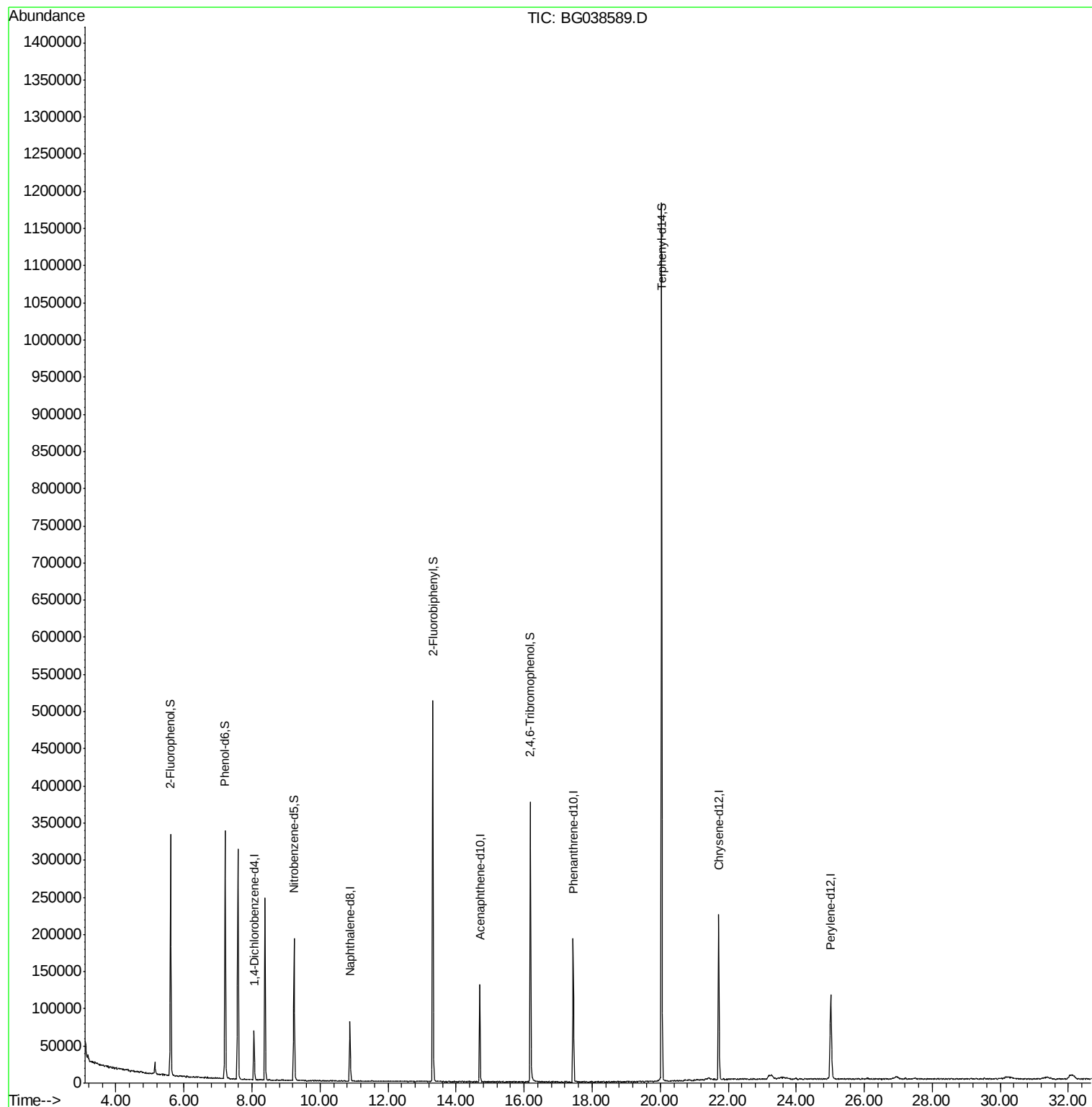
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038589.D
Acq On : 15 Dec 2018 4:59
Operator : JU/SJ
Sample : PB115581BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115581BL

Quant Time: Dec 16 00:15:26 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



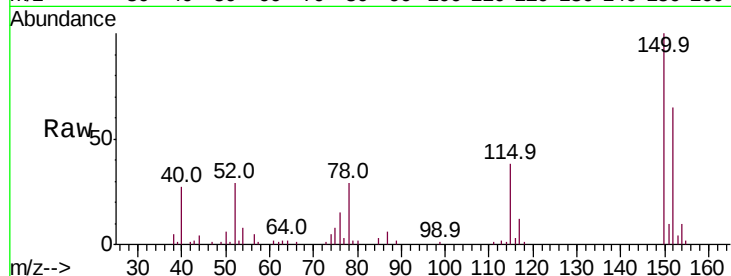


#1

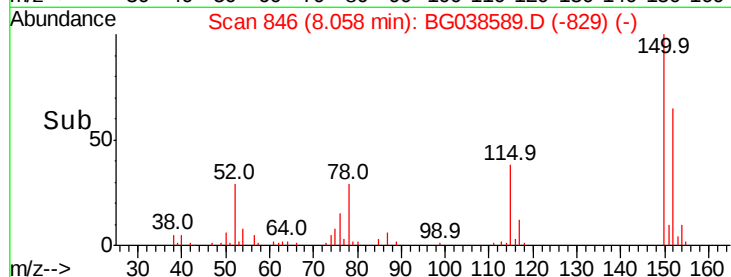
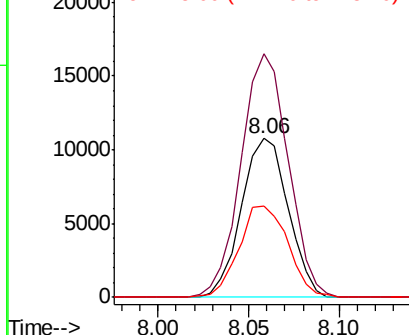
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038589.D
Acq: 15 Dec 2018 4:59

Instrument :
BNA_G
ClientSampleId :
PB115581BL

Tot Ion:152 Resp: 19299
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 57.6 49.6 74.4



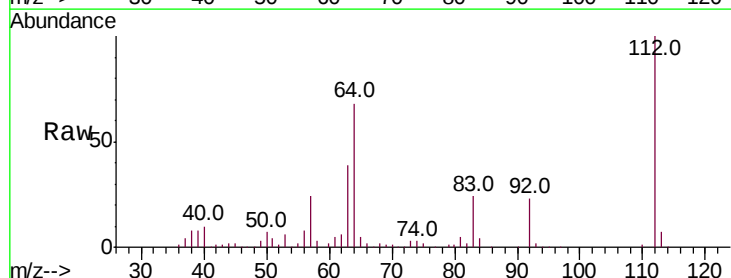
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



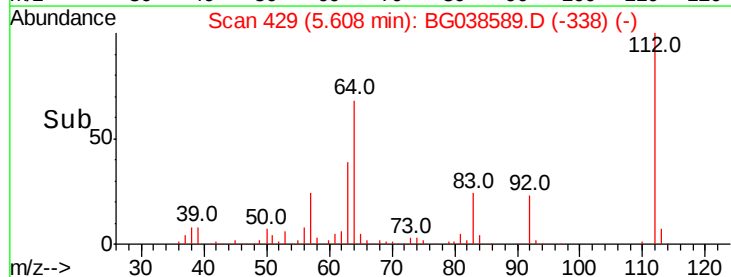
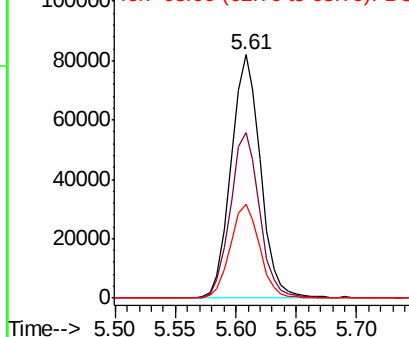
#5

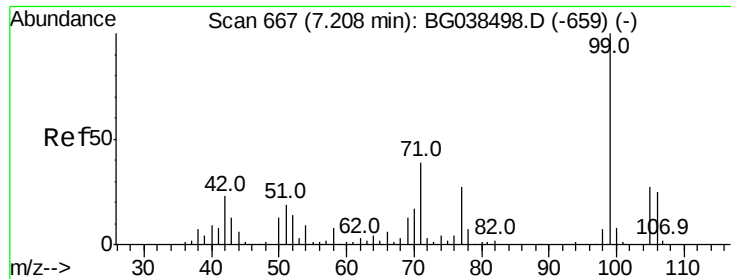
2-Fluorophenol
Concen: 127.778 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038589.D
Acq: 15 Dec 2018 4:59

Tgt Ion:112 Resp: 139035
Ion Ratio Lower Upper
112 100
64 67.9 53.4 80.2
63 38.6 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: 122.193 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038589.D

Acq: 15 Dec 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB115581BL

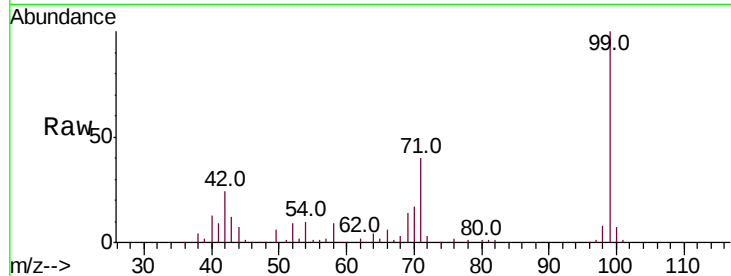
Tot Ion: 99 Resp: 182525

Ion Ratio Lower Upper

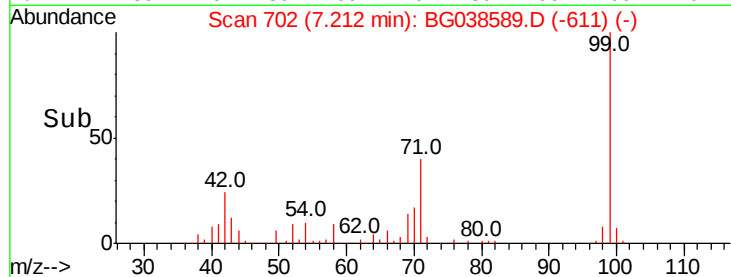
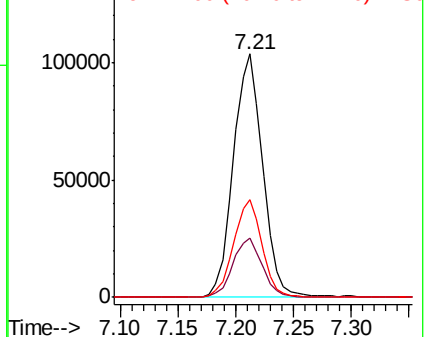
99 100

42 24.3 18.5 27.7

71 39.9 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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038589.D

Acq: 15 Dec 2018 4:59

Tgt Ion: 136 Resp: 77008

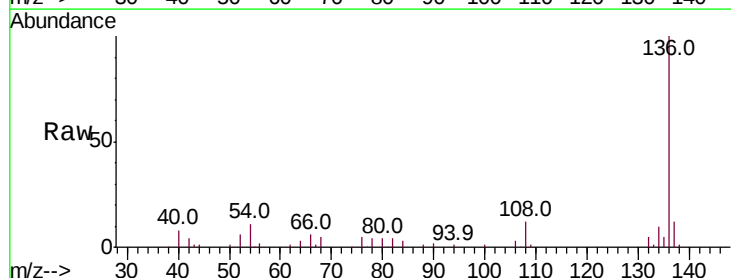
Ion Ratio Lower Upper

136 100

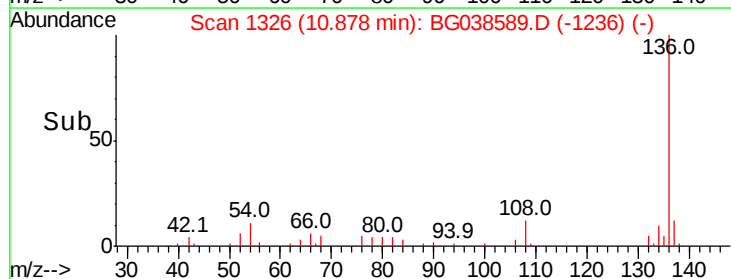
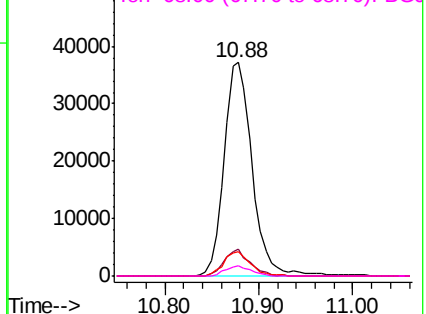
137 12.4 9.3 13.9

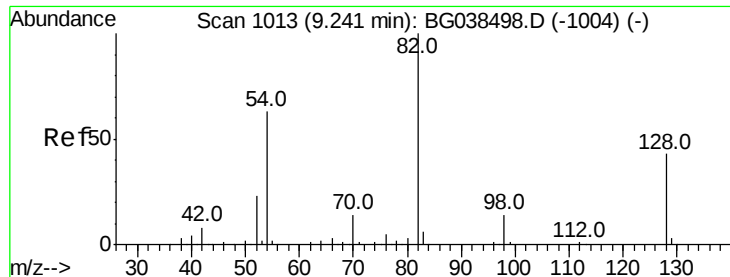
54 11.2 8.5 12.7

68 4.7 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: 79.509 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038589.D

Acq: 15 Dec 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB115581BL

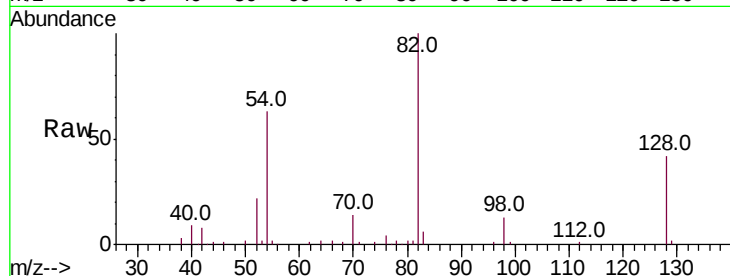
Tot Ion: 82 Resp: 119851

Ion Ratio Lower Upper

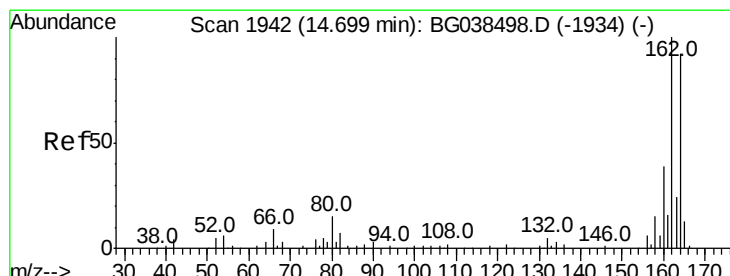
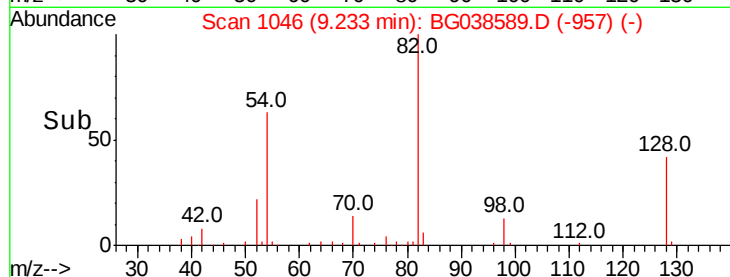
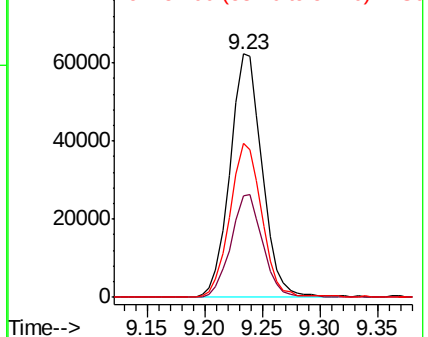
82 100

128 41.7 34.6 52.0

54 63.1 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: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038589.D

Acq: 15 Dec 2018 4:59

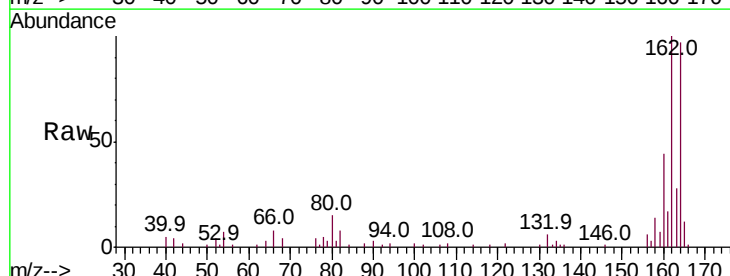
Tgt Ion: 164 Resp: 49373

Ion Ratio Lower Upper

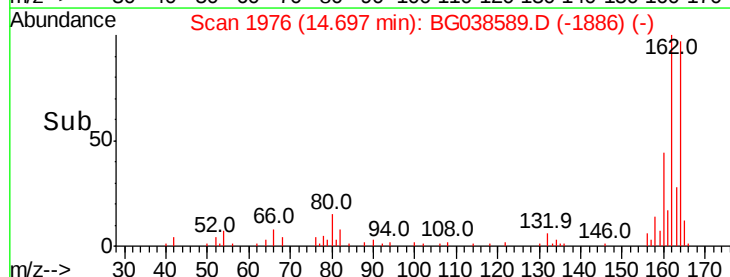
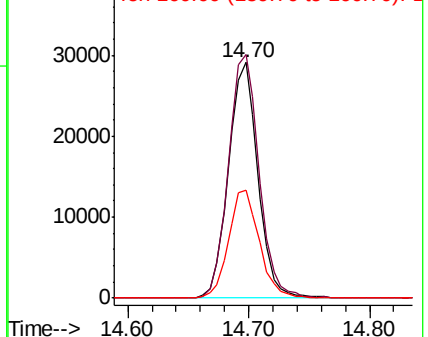
164 100

162 103.2 86.6 130.0

160 45.9 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

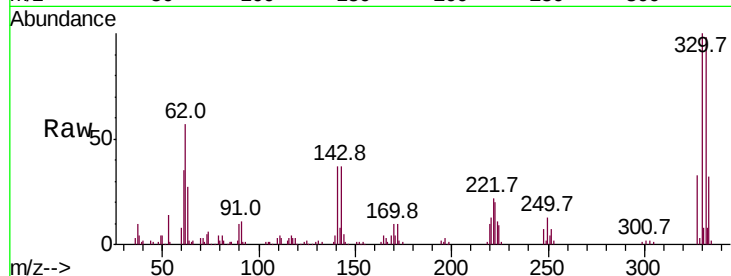




#42
 2,4,6-Tribromophenol
 Concen: 114.156 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038589.D
 Acq: 15 Dec 2018 4:59

Instrument :
 BNA_G
 ClientSampleId :
 PB115581BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	36.7	28.8	43.2

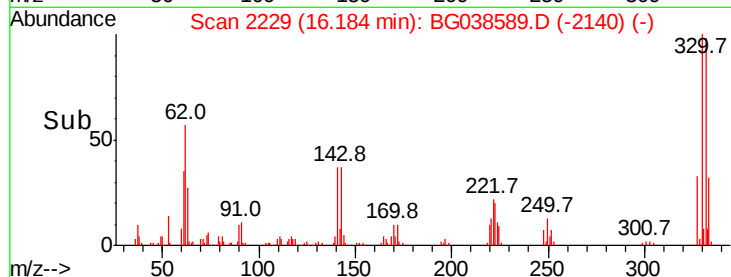
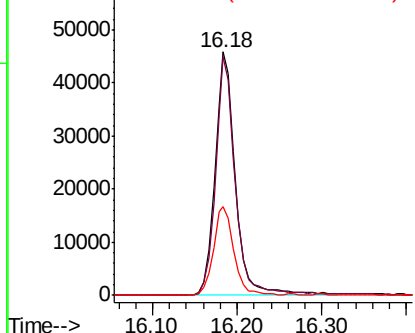


Abundance

Ion 329.80 (329.50 to 330.50): E

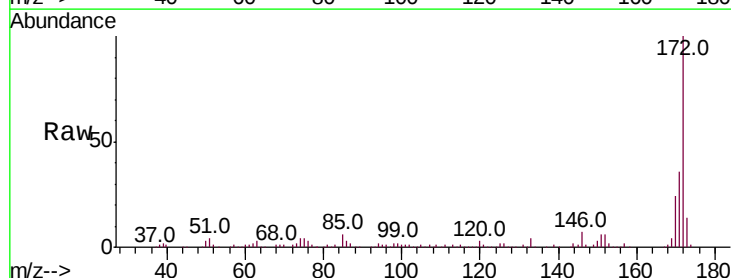
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.189 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038589.D
 Acq: 15 Dec 2018 4:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.2	19.5	29.3

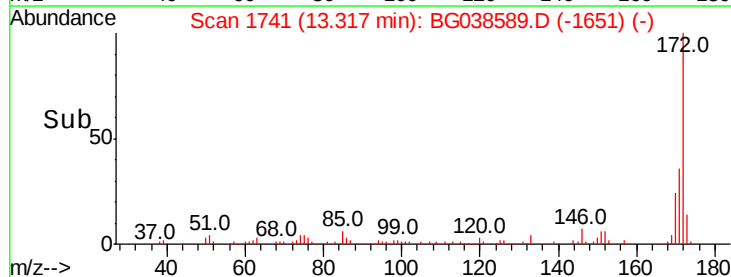
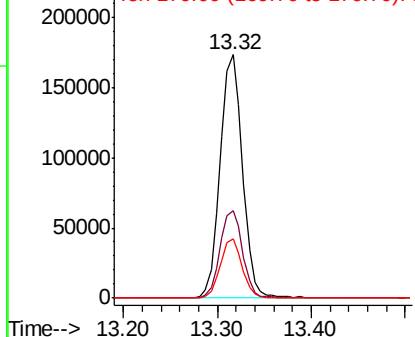


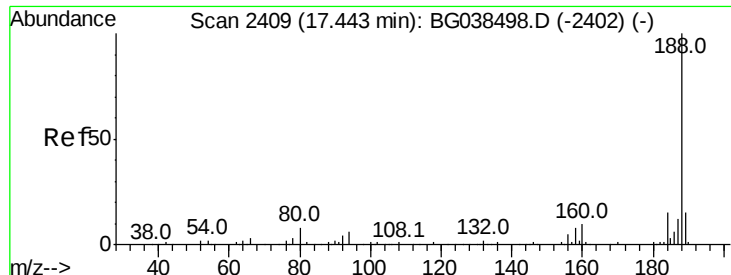
Abundance

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

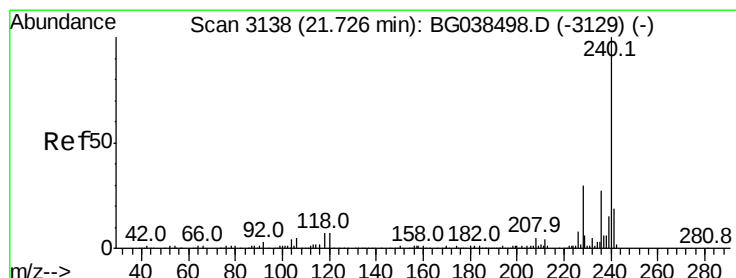
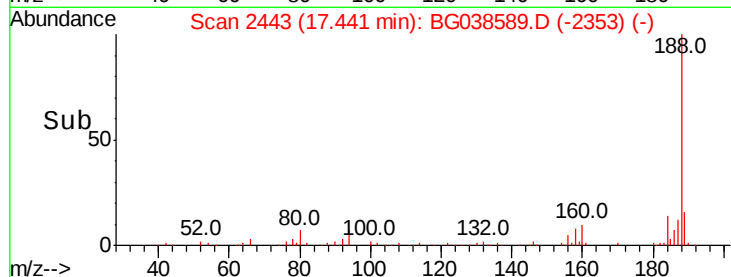
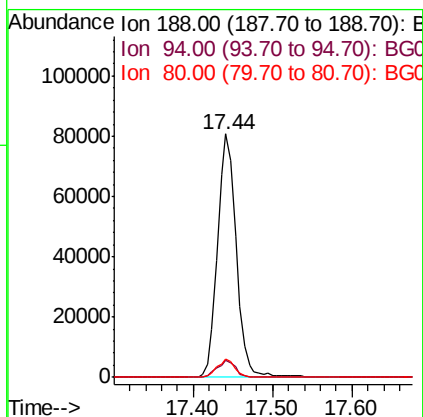
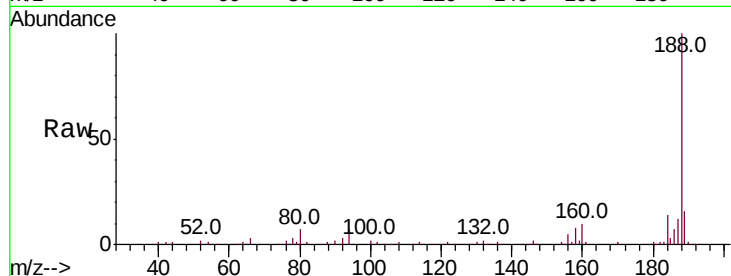




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038589.D
Acq: 15 Dec 2018 4:59

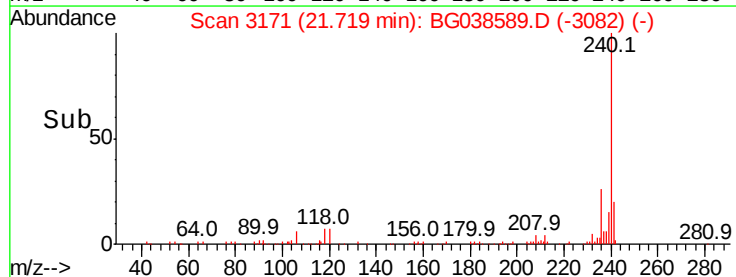
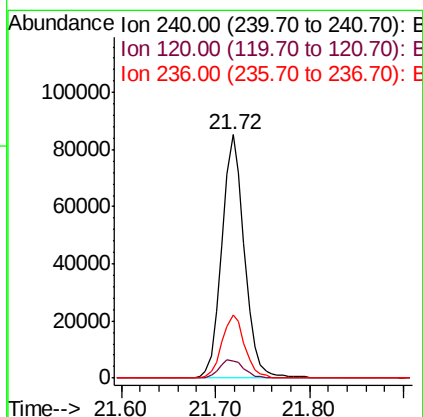
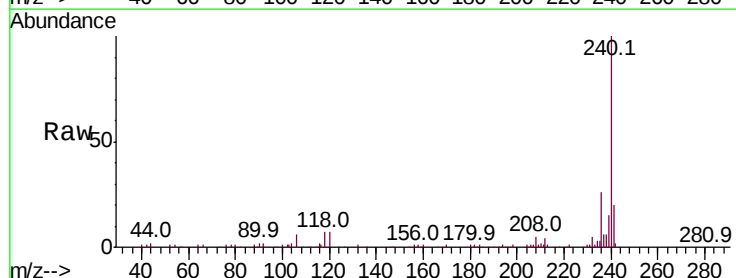
Instrument :
BNA_G
ClientSampleId :
PB115581BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.1	7.7
80	7.3	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: BG038589.D
Acq: 15 Dec 2018 4:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.3	7.9
236	26.1	21.4	32.2





#79

Terphenyl-d14

Concen: 89.216 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038589.D

Acq: 15 Dec 2018 4:59

Instrument :

BNA_G

ClientSampleId :

PB115581BL

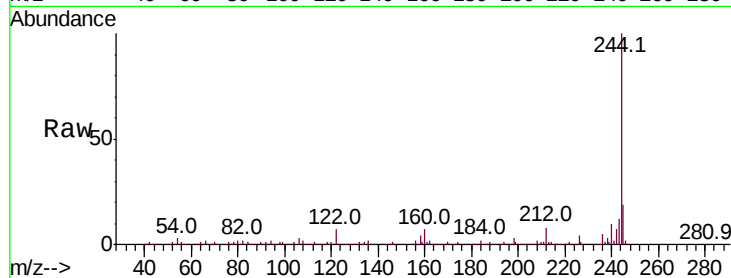
Tot Ion:244 Resp: 584562

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

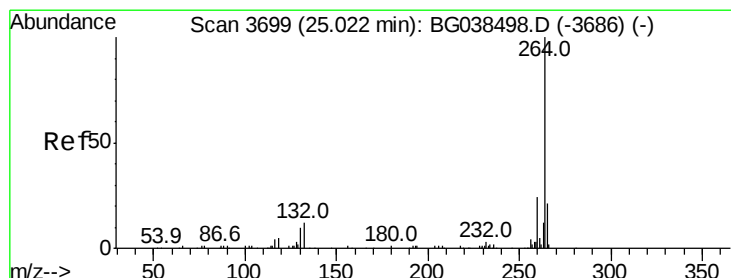
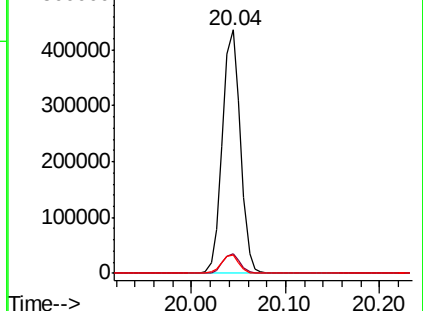
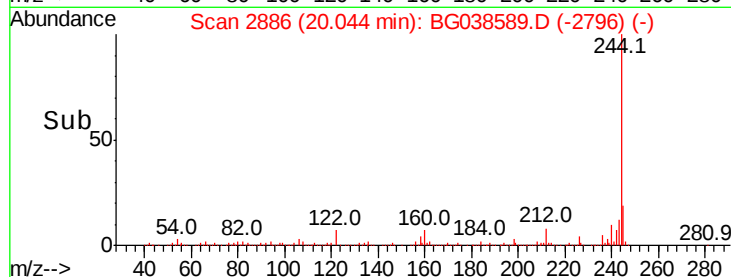
122 7.4 6.3 9.5



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: BG038589.D

Acq: 15 Dec 2018 4:59

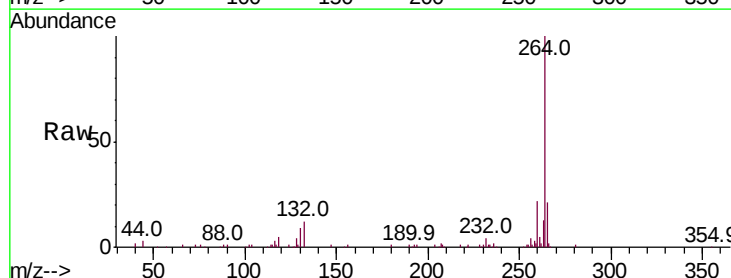
Tgt Ion:264 Resp: 146926

Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 20.7 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

