

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038603.D
 Acq On : 15 Dec 2018 14:12
 Operator : JU/SJ
 Sample : PB115679BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115679BL

Quant Time: Dec 16 03:56:04 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	22296	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87508	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	56947	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	148385	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163541	20.00	ng	0.00
87) Perylene-d12	25.01	264	168600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	149571	118.98	ng	0.00
7) Phenol-d6	7.21	99	199485	115.60	ng	0.00
23) Nitrobenzene-d5	9.23	82	127703	74.55	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	81845	104.28	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	303953	73.22	ng	0.00
79) Terphenyl-d14	20.04	244	622211	82.80	ng	0.00

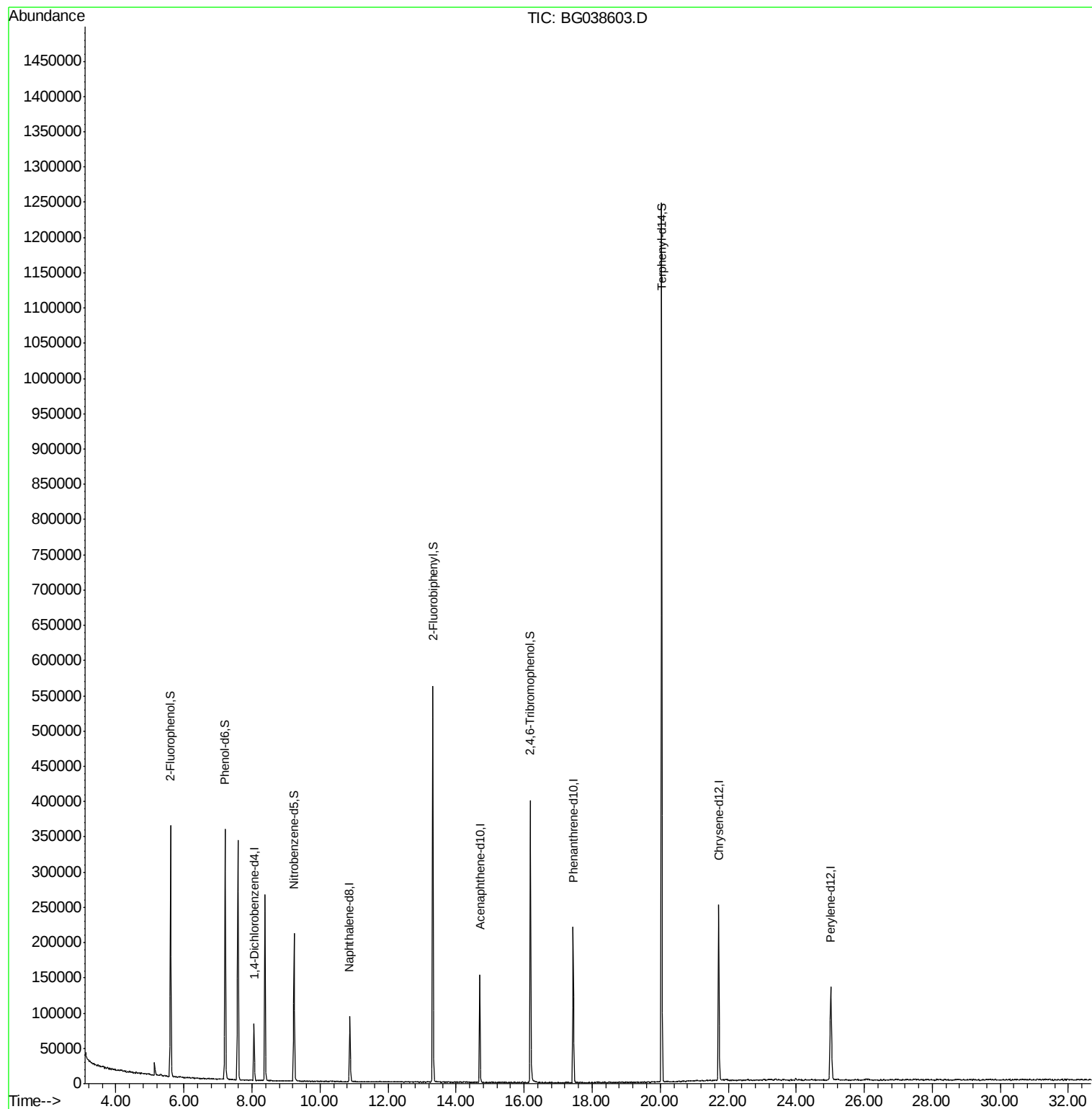
Target Compounds Qvalue

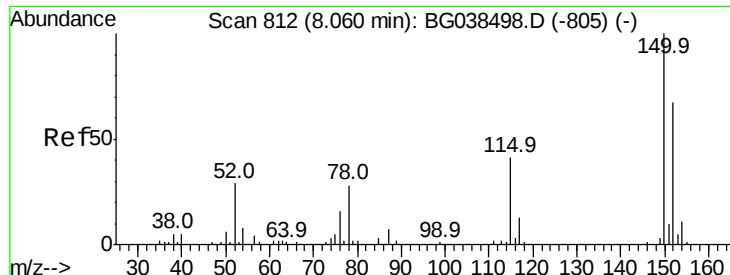
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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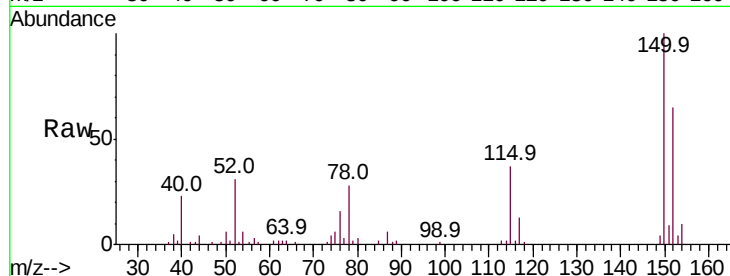


#1

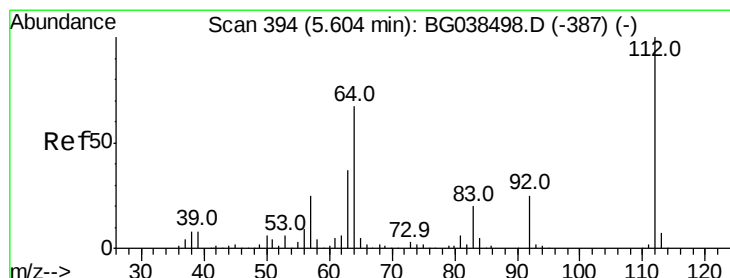
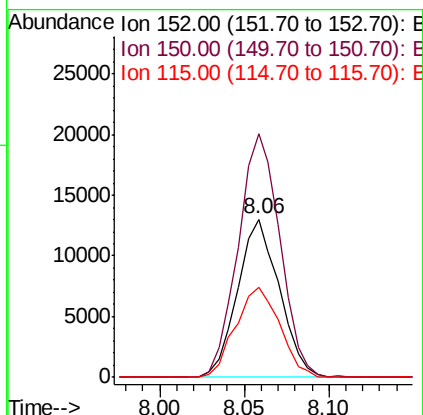
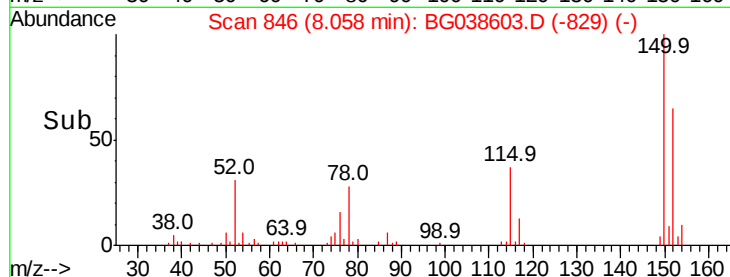
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038603.D
Acq: 15 Dec 2018 14:12

Instrument :
BNA_G
ClientSampleID :
PB115679BL

Tot Ion:152 Resp: 22296
Ion Ratio Lower Upper
152 100
150 154.2 119.5 179.3
115 57.3 49.6 74.4



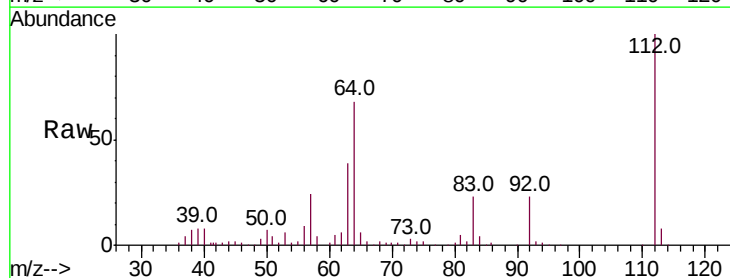
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



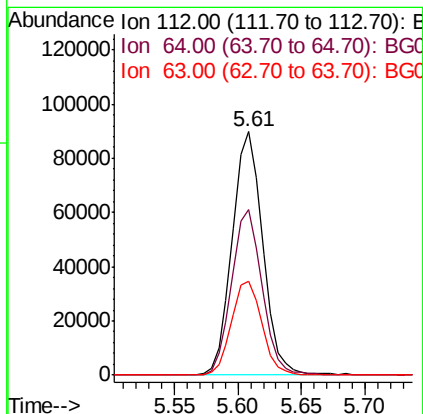
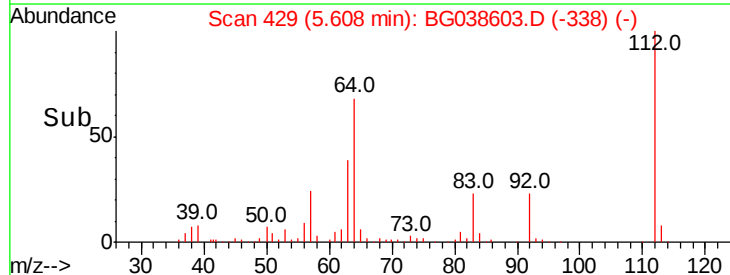
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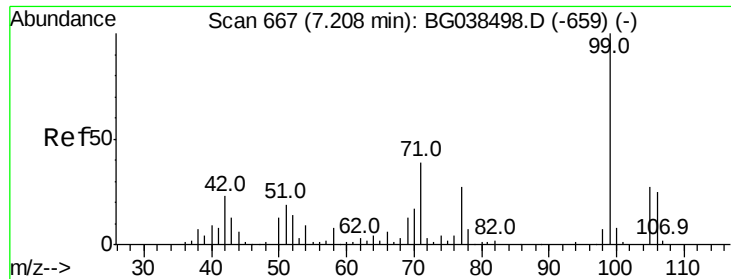
2-Fluorophenol
Concen: 118.984 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038603.D
Acq: 15 Dec 2018 14:12

Tgt Ion:112 Resp: 149571
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 38.7 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: 115.596 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038603.D

Acq: 15 Dec 2018 14:12

Instrument :

BNA_G

ClientSampled :

PB115679BL

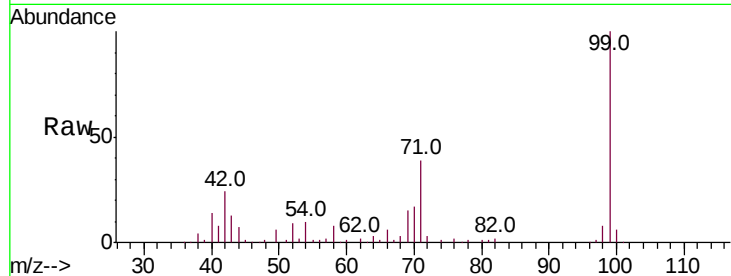
Tot Ion: 99 Resp: 199485

Ion Ratio Lower Upper

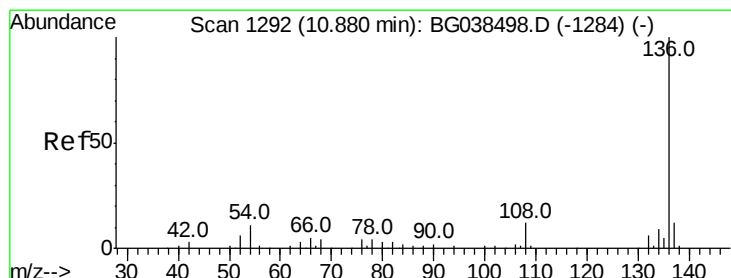
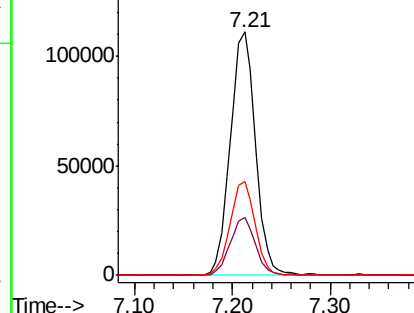
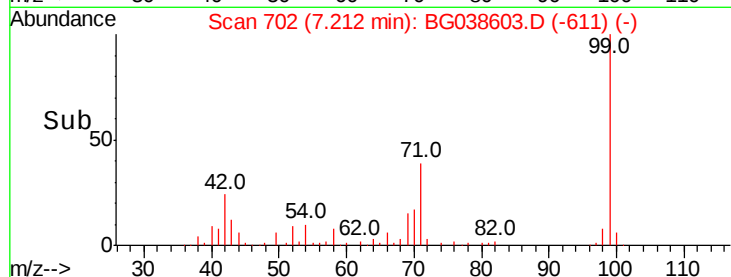
99 100

42 23.8 18.5 27.7

71 38.5 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: BG038603.D

Acq: 15 Dec 2018 14:12

Tgt Ion: 136 Resp: 87508

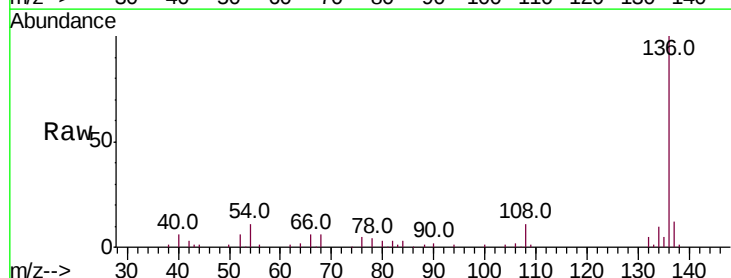
Ion Ratio Lower Upper

136 100

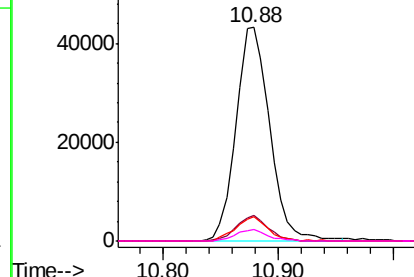
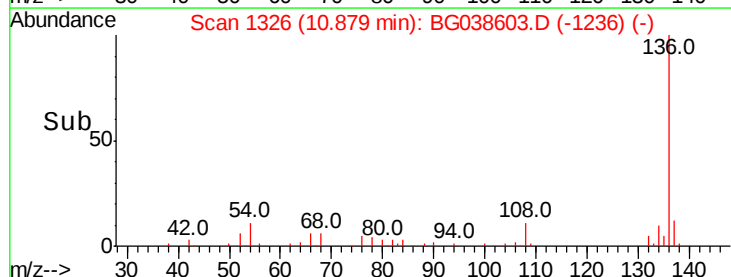
137 11.8 9.3 13.9

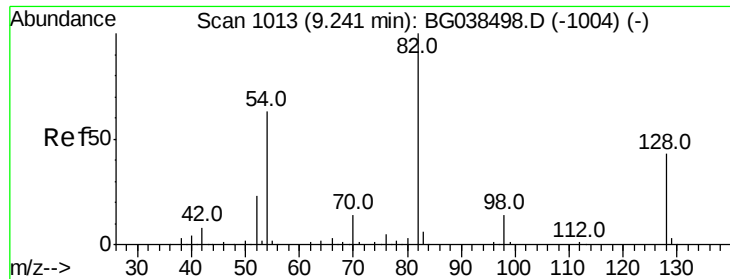
54 11.4 8.5 12.7

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

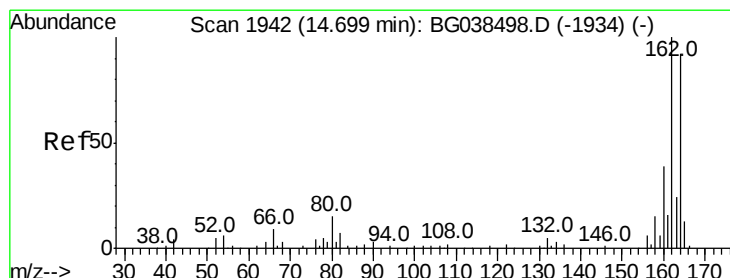
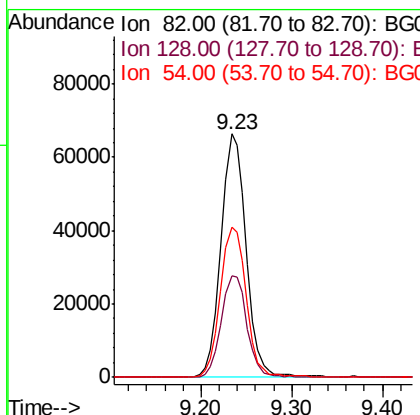
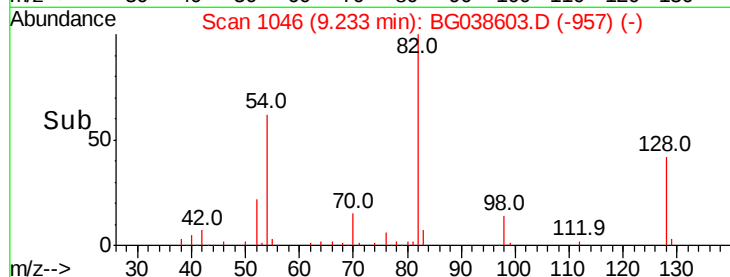
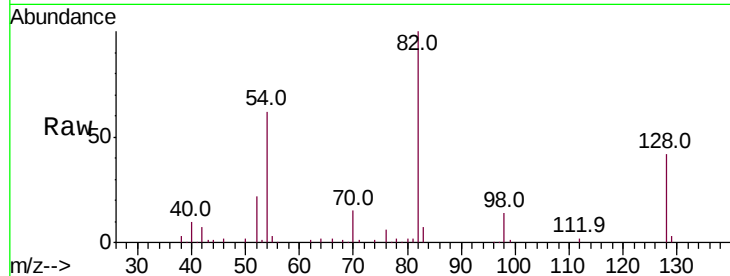




#23
Nitrobenzene-d5
Concen: 74.553 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038603.D
Acq: 15 Dec 2018 14:12

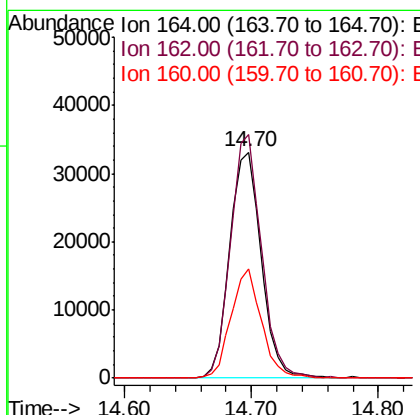
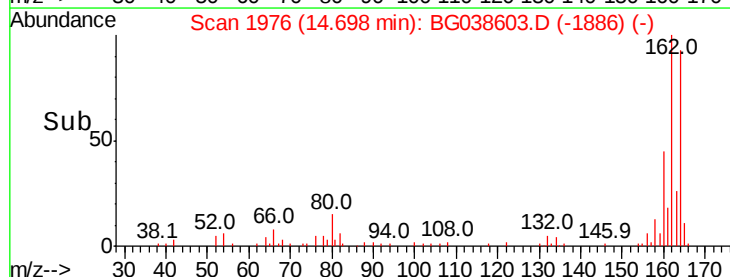
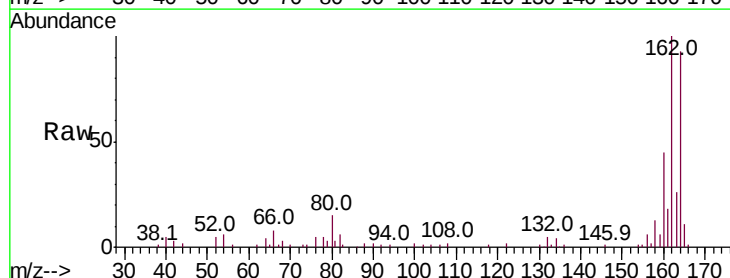
Instrument :
BNA_G
ClientSampleId :
PB115679BL

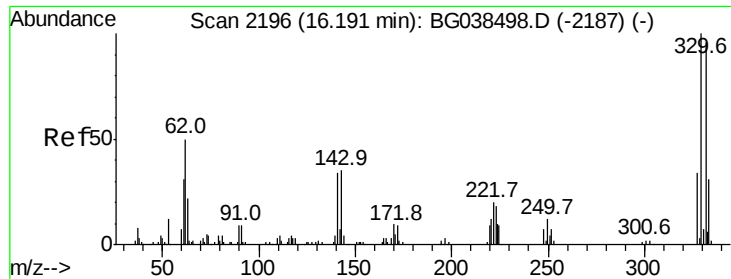
Tot Ion: 82 Resp: 127703
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 61.8 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038603.D
Acq: 15 Dec 2018 14:12

Tgt Ion:164 Resp: 56947
Ion Ratio Lower Upper
164 100
162 107.7 86.6 130.0
160 48.1 34.2 51.2

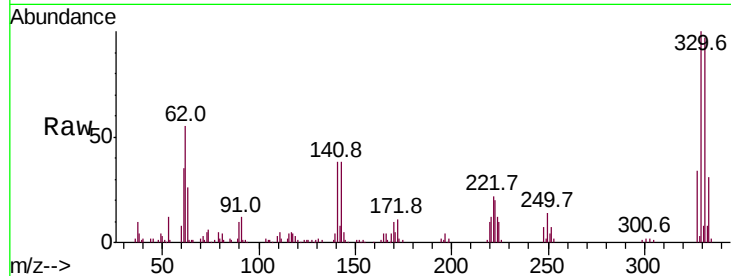




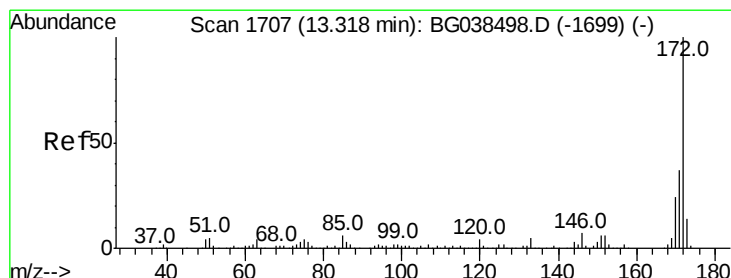
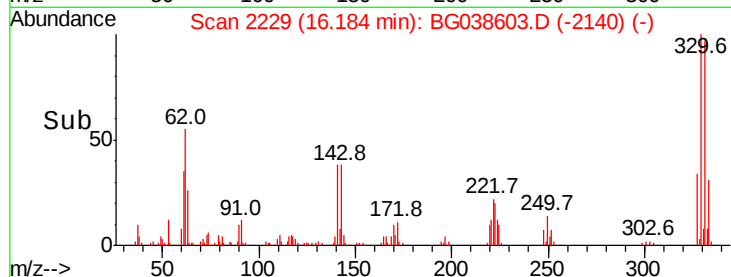
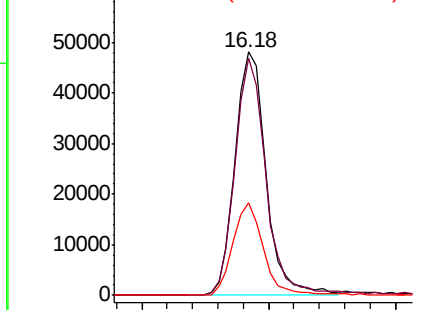
#42
 2,4,6-Tribromophenol
 Concen: 104.283 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038603.D
 Acq: 15 Dec 2018 14:12

Instrument :
 BNA_G
 ClientSampleId :
 PB115679BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	37.0	28.8	43.2

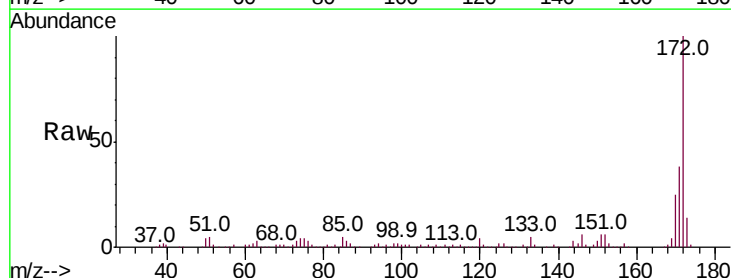


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

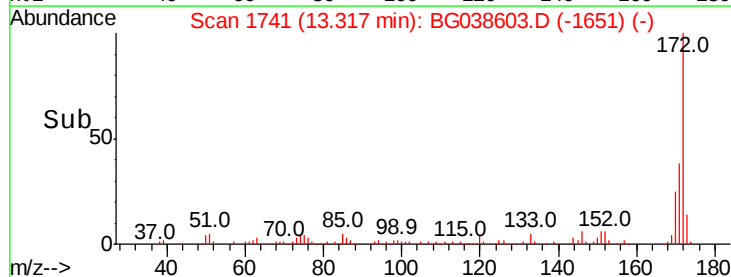
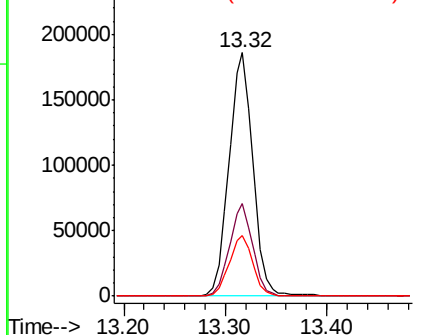


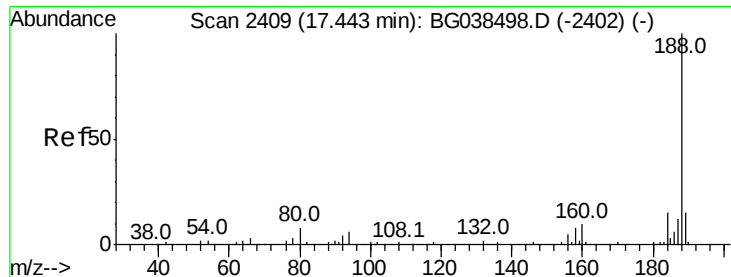
#45
 2-Fluorobiphenyl
 Concen: 73.222 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038603.D
 Acq: 15 Dec 2018 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	25.1	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

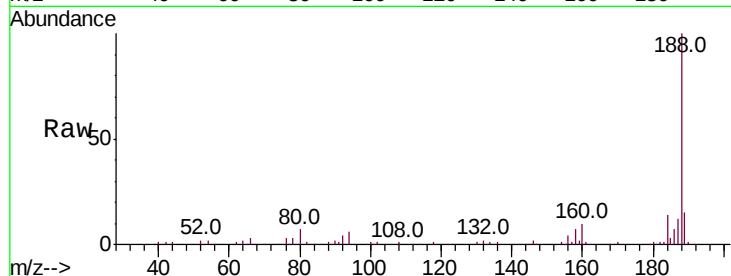




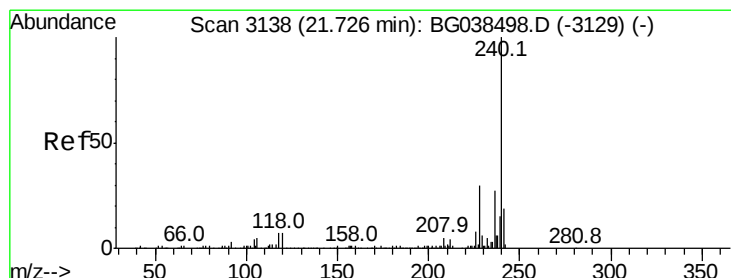
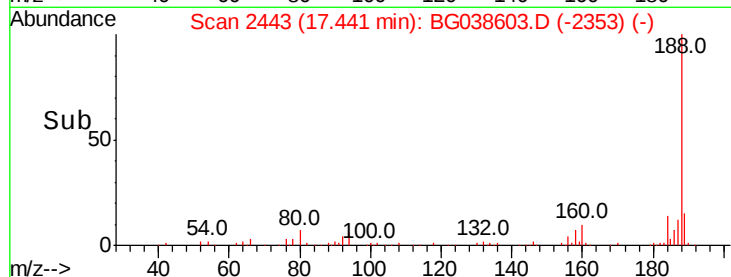
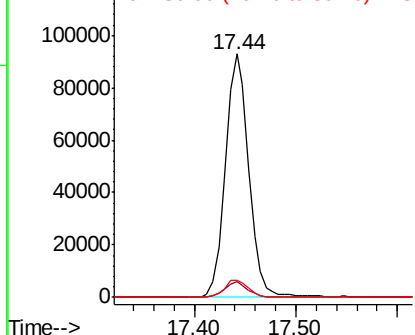
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038603.D
Acq: 15 Dec 2018 14:12

Instrument :
BNA_G
ClientSampleId :
PB115679BL

Tot Ion:188 Resp: 148385
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 6.9 6.1 9.1

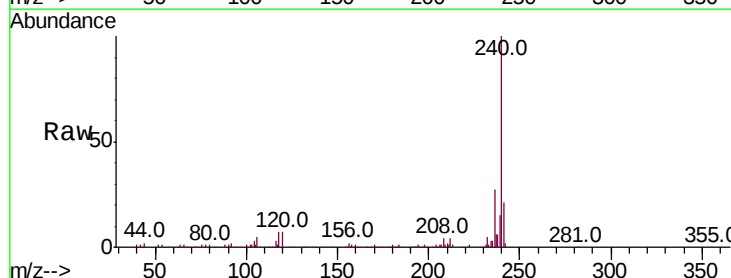


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

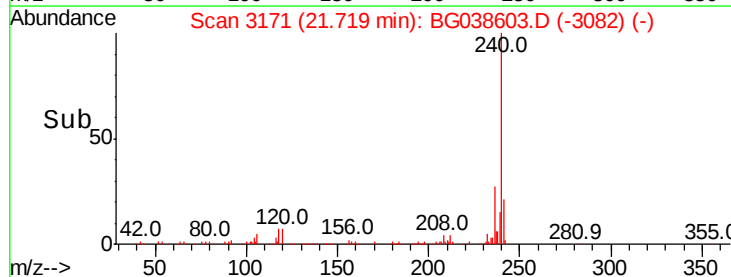
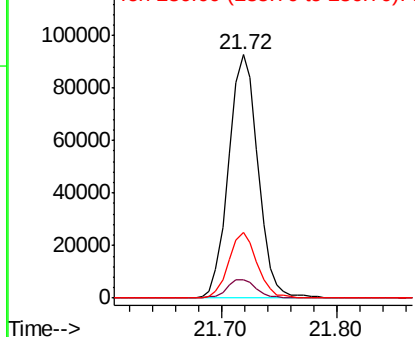


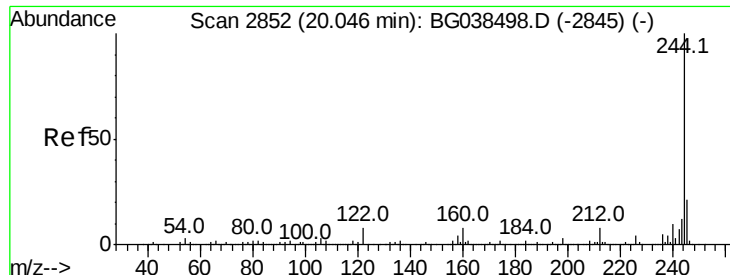
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038603.D
Acq: 15 Dec 2018 14:12

Tgt Ion:240 Resp: 163541
Ion Ratio Lower Upper
240 100
120 7.4 5.3 7.9
236 27.1 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: 82.801 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038603.D

Acq: 15 Dec 2018 14:12

Instrument :

BNA_G

ClientSampleId :

PB115679BL

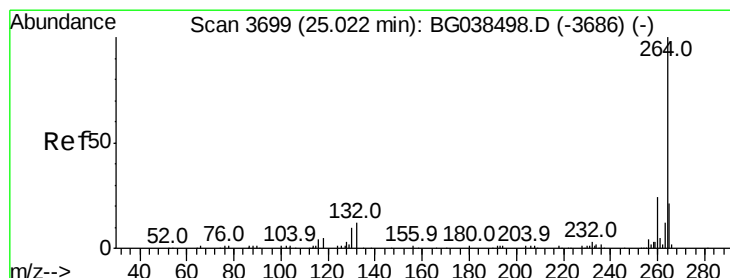
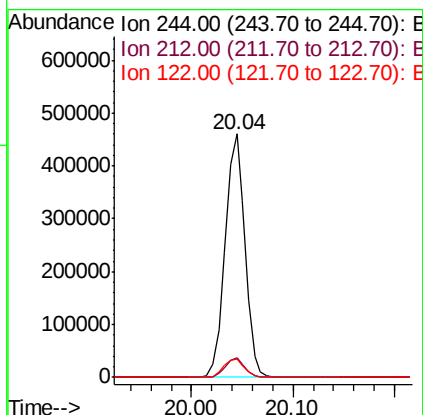
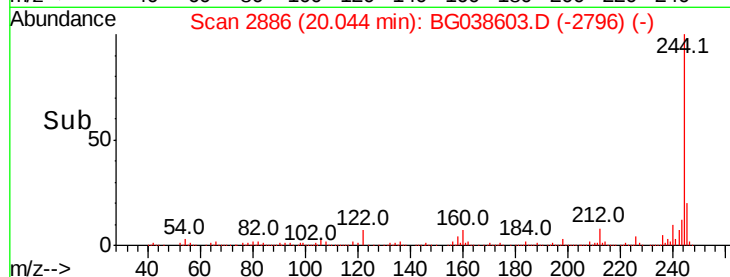
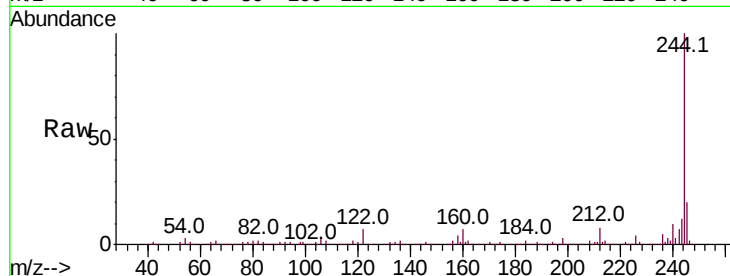
Tot Ion:244 Resp: 622211

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 7.4 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038603.D

Acq: 15 Dec 2018 14:12

Tgt Ion:264 Resp: 168600

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

265 22.3 17.0 25.4

