

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
 Data File : BG038596.D
 Acq On : 15 Dec 2018 9:35
 Operator : JU/SJ
 Sample : PB115627BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115627BL

Quant Time: Dec 16 00:27:07 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	21317	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84779	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	55012	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	144502	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161300	20.00	ng	0.00
87) Perylene-d12	25.02	264	167430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	141272	117.54	ng	0.00
7) Phenol-d6	7.21	99	182954	110.89	ng	0.00
23) Nitrobenzene-d5	9.23	82	119245	71.86	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	76376	100.74	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	291585	72.71	ng	0.00
79) Terphenyl-d14	20.04	244	584760	78.90	ng	0.00

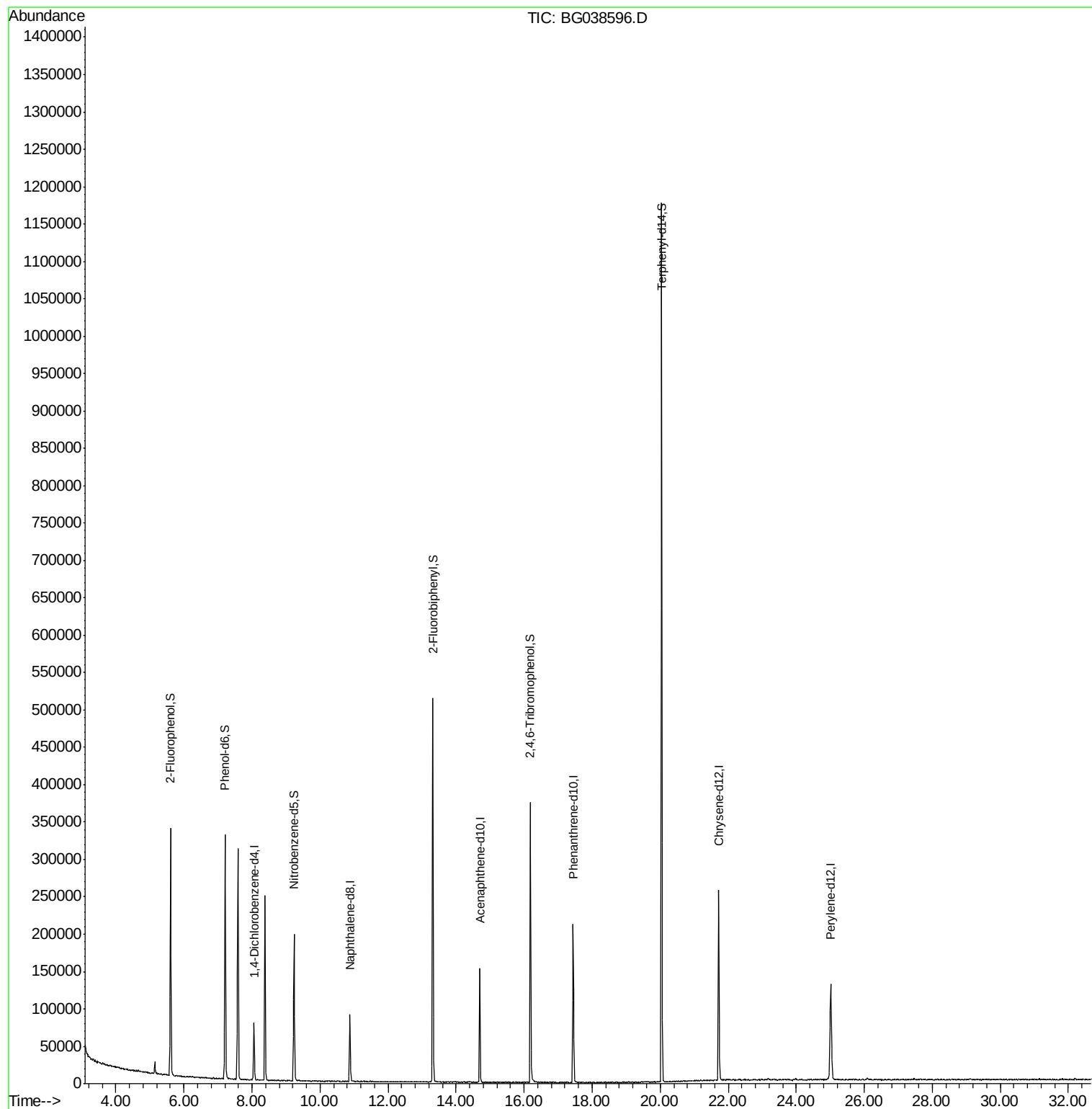
Target Compounds Qvalue

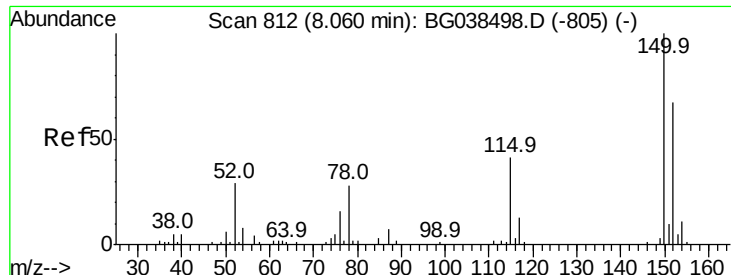
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038596.D

Acq: 15 Dec 2018 9:35

Instrument :

BNA_G

ClientSampleId :

PB115627BL

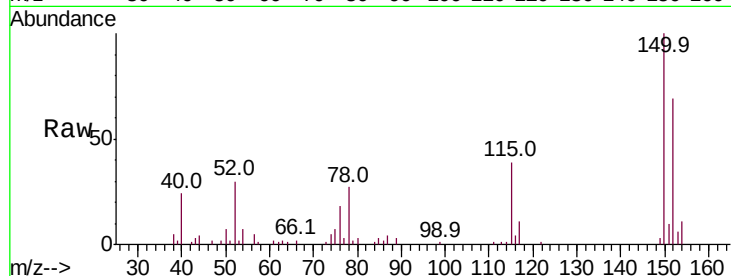
Tot Ion:152 Resp: 21317

Ion Ratio Lower Upper

152 100

150 145.9 119.5 179.3

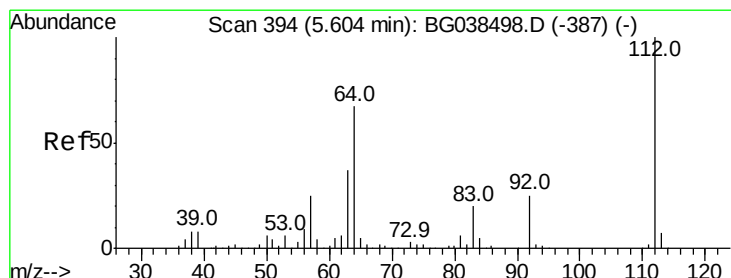
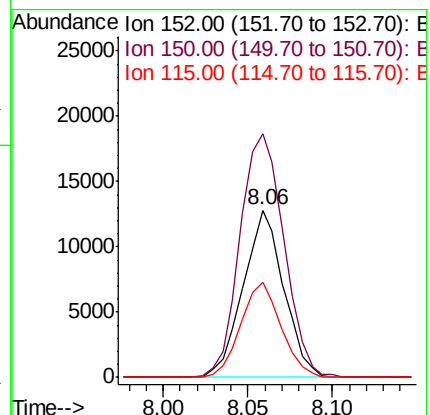
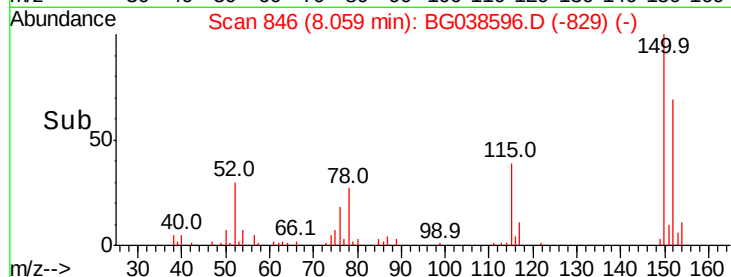
115 56.8 49.6 74.4



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: 117.543 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038596.D

Acq: 15 Dec 2018 9:35

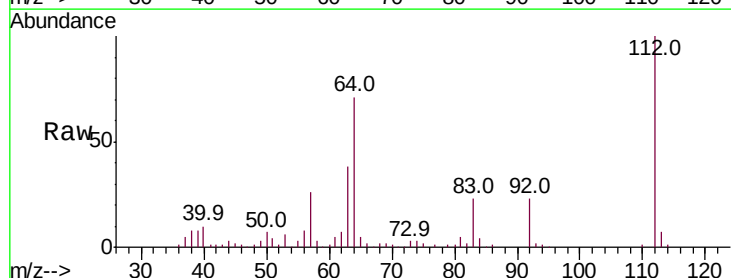
Tgt Ion:112 Resp: 141272

Ion Ratio Lower Upper

112 100

64 71.3 53.4 80.2

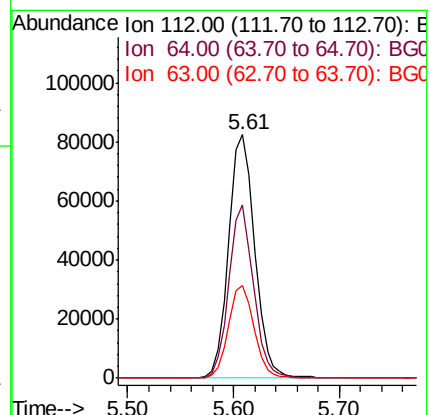
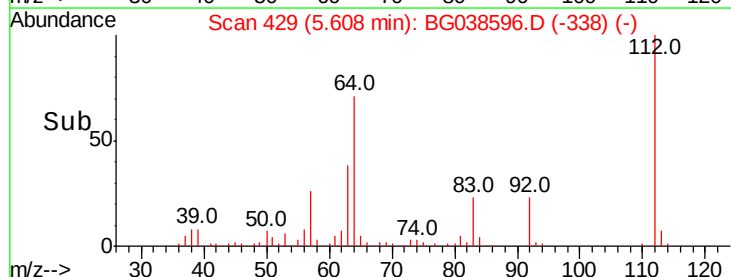
63 38.1 29.3 43.9

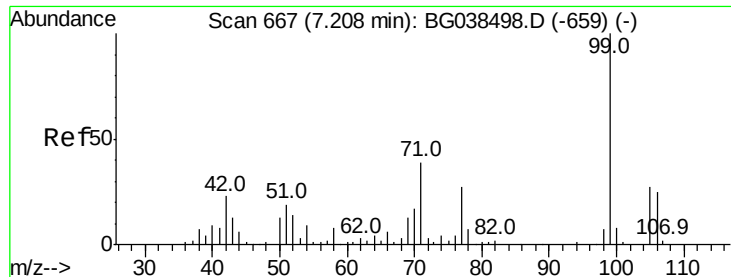


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 110.886 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038596.D

Acq: 15 Dec 2018 9:35

Instrument :

BNA_G

ClientSampleId :

PB115627BL

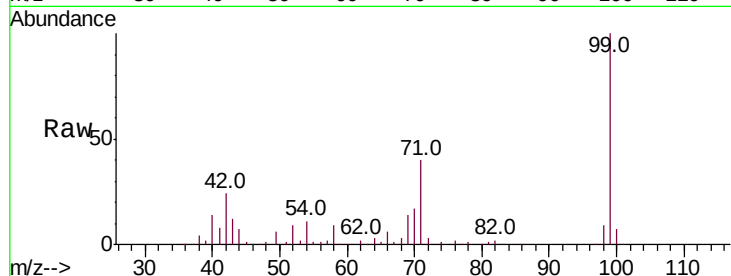
Tot Ion: 99 Resp: 182954

Ion Ratio Lower Upper

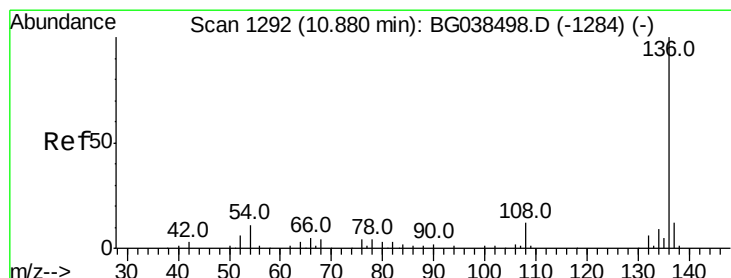
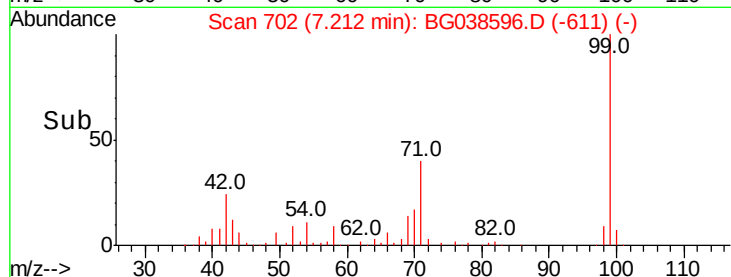
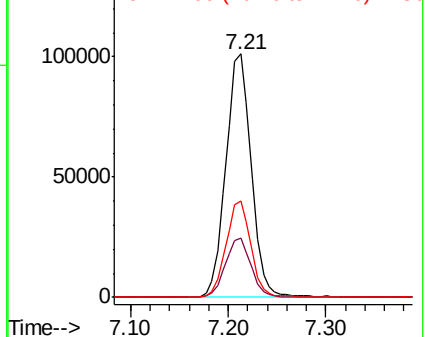
99 100

42 24.4 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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038596.D

Acq: 15 Dec 2018 9:35

Tgt Ion: 136 Resp: 84779

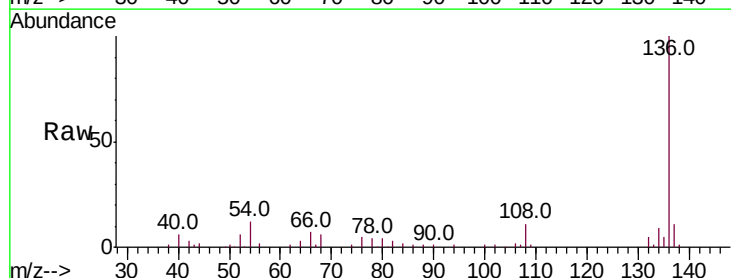
Ion Ratio Lower Upper

136 100

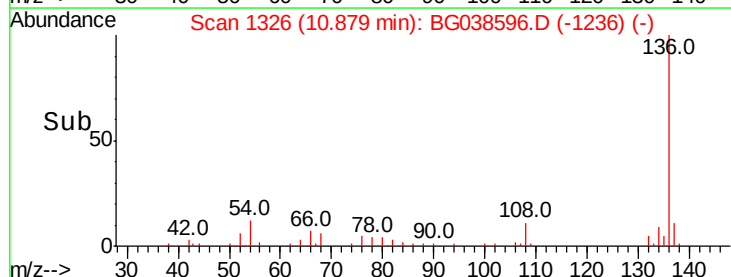
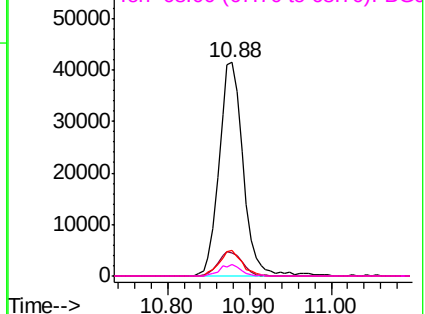
137 10.9 9.3 13.9

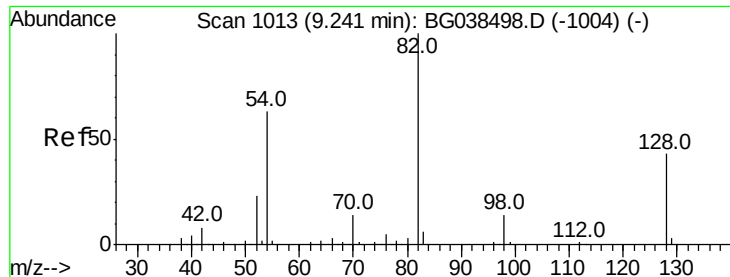
54 11.7 8.5 12.7

68 5.7 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

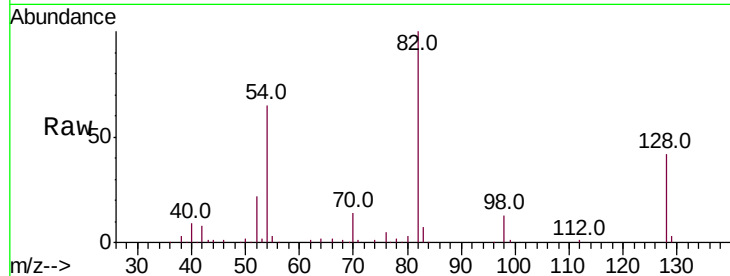




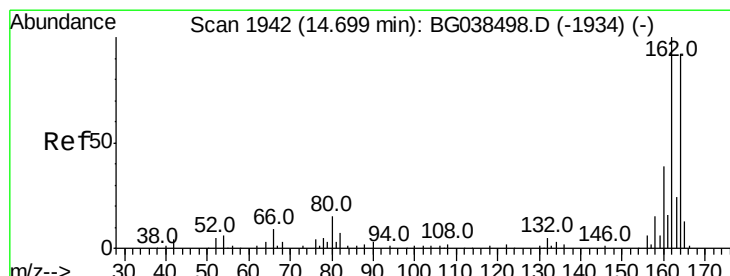
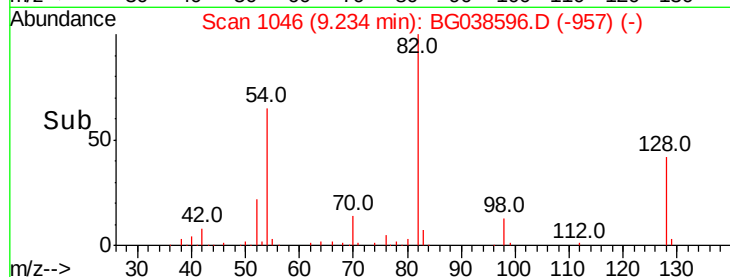
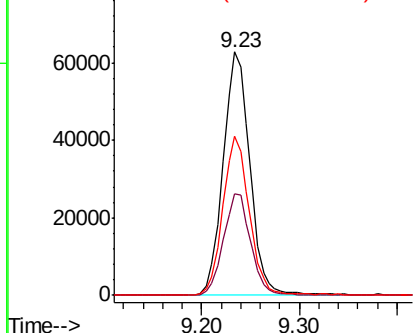
#23
Nitrobenzene-d5
Concen: 71.856 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038596.D
Acq: 15 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :
PB115627BL

Tot Ion: 82 Resp: 119245
Ion Ratio Lower Upper
82 100
128 41.6 34.6 52.0
54 65.2 50.6 76.0

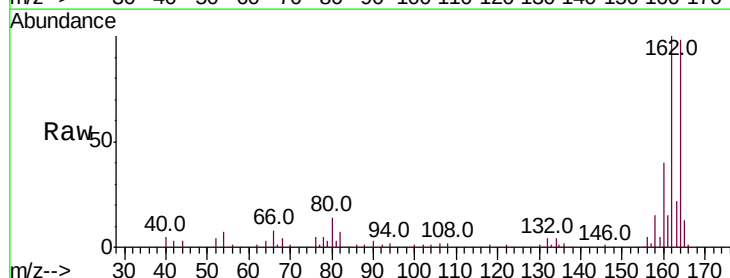


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

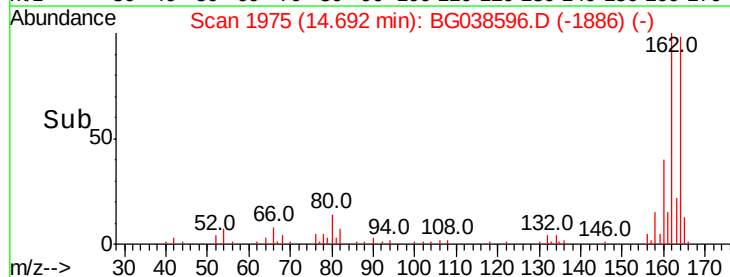
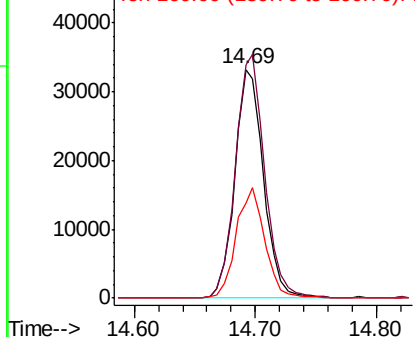


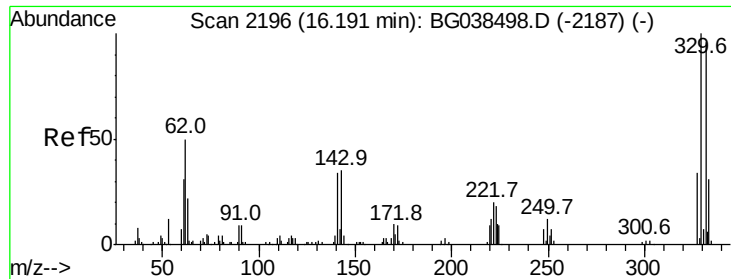
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038596.D
Acq: 15 Dec 2018 9:35

Tgt Ion:164 Resp: 55012
Ion Ratio Lower Upper
164 100
162 102.3 86.6 130.0
160 41.4 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

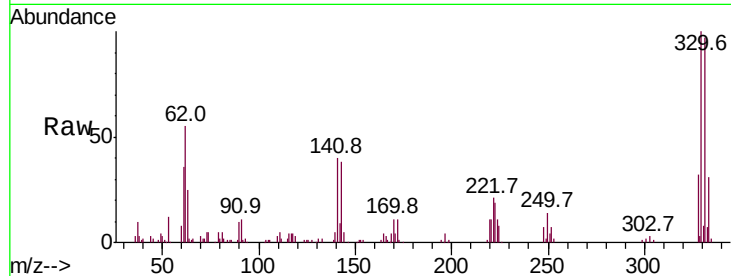




#42
 2,4,6-Tribromophenol
 Concen: 100.738 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038596.D
 Acq: 15 Dec 2018 9:35

Instrument :
 BNA_G
 ClientSampleId :
 PB115627BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.9	115.3
141	37.3	28.8	43.2

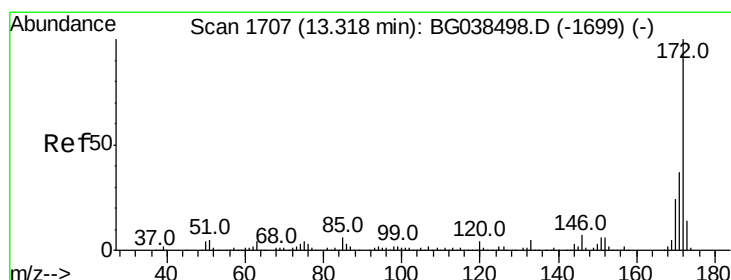
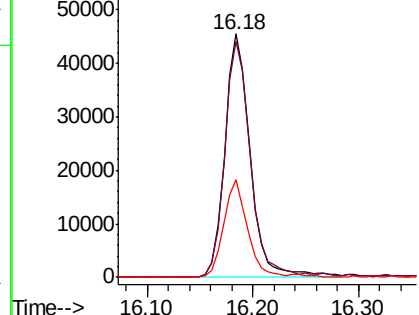
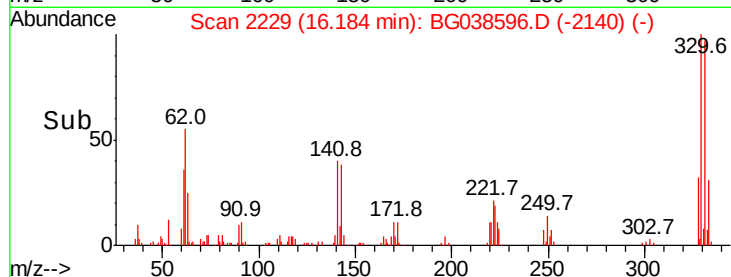


Abundance

Ion 329.80 (329.50 to 330.50): E

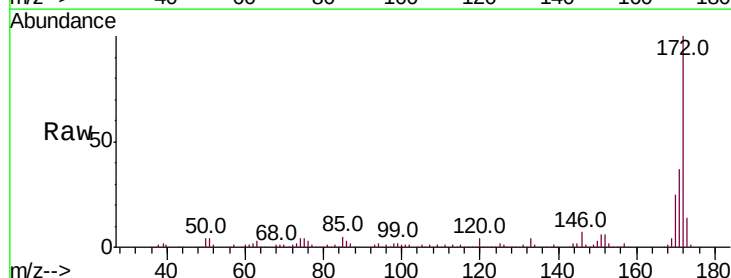
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.713 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038596.D
 Acq: 15 Dec 2018 9:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.2	19.5	29.3

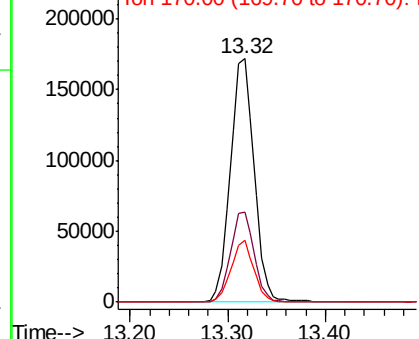
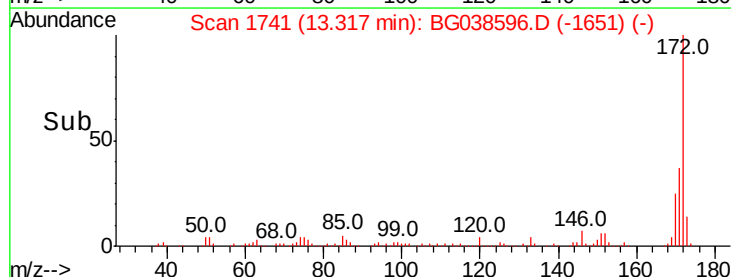


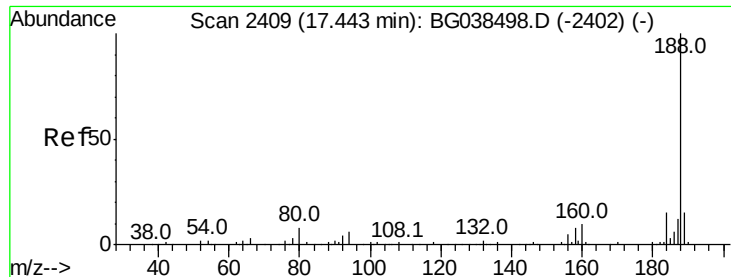
Abundance

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

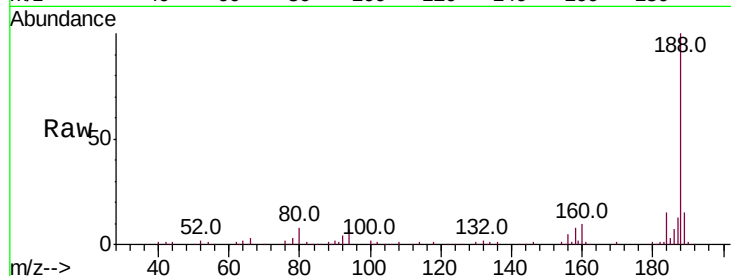




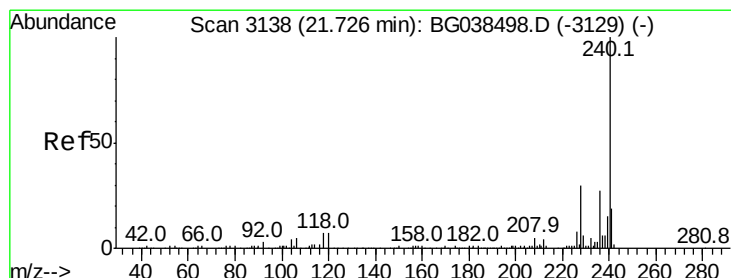
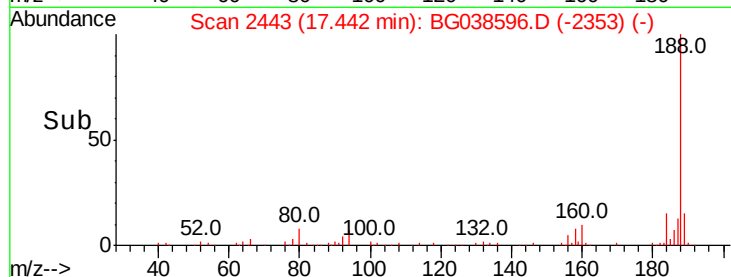
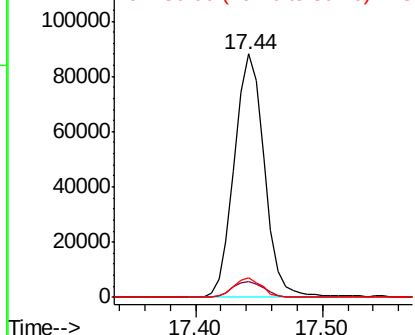
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038596.D
Acq: 15 Dec 2018 9:35

Instrument :
BNA_G
ClientSampleId :
PB115627BL

Tot Ion:188 Resp: 144502
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 7.9 6.1 9.1

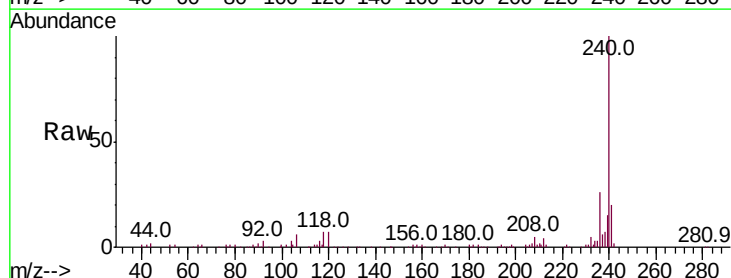


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

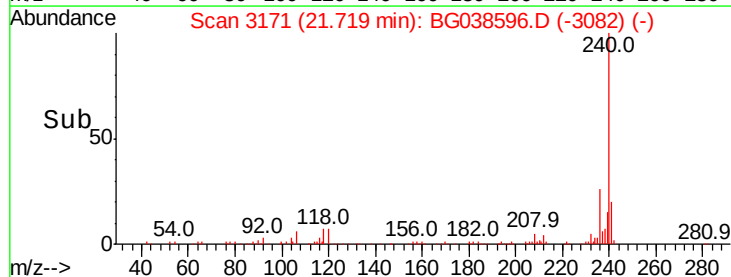
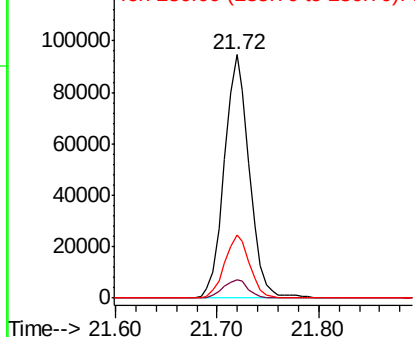


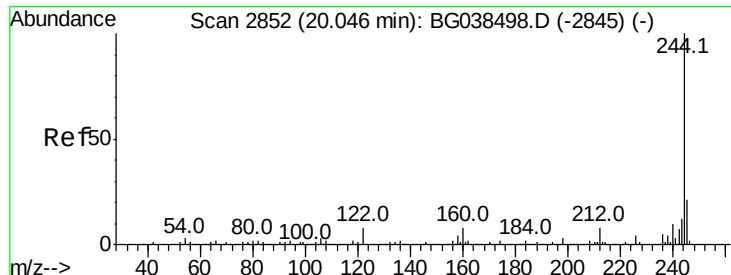
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038596.D
Acq: 15 Dec 2018 9:35

Tgt Ion:240 Resp: 161300
Ion Ratio Lower Upper
240 100
120 7.4 5.3 7.9
236 26.0 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: 78.898 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038596.D

Acq: 15 Dec 2018 9:35

Instrument :

BNA_G

ClientSampleId :

PB115627BL

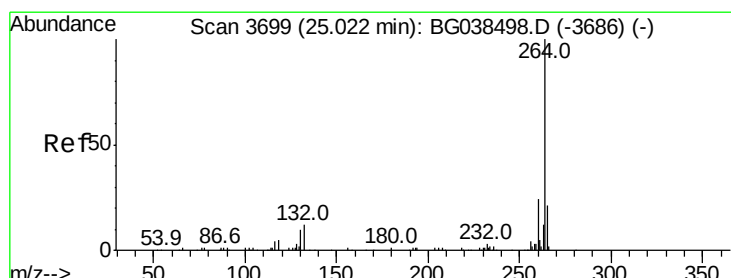
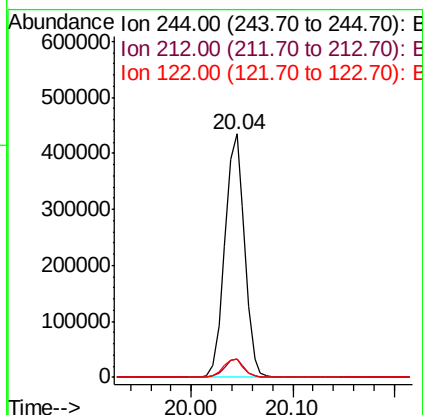
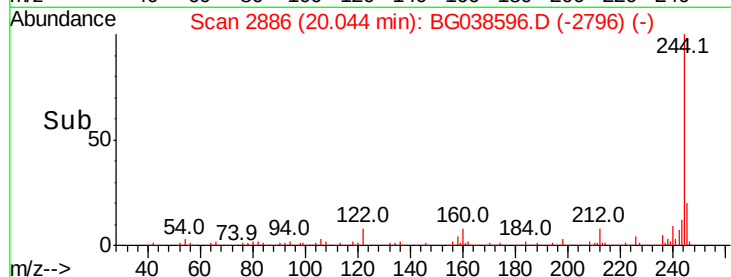
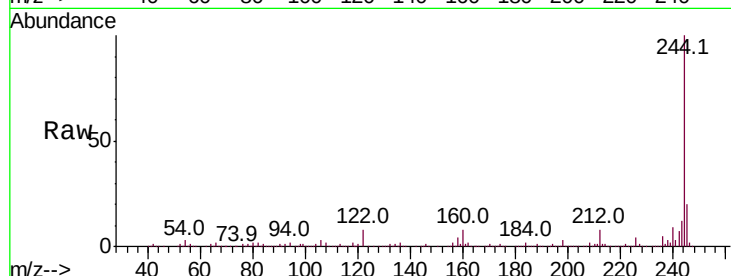
Tot Ion:244 Resp: 584760

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 7.6 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038596.D

Acq: 15 Dec 2018 9:35

Tgt Ion:264 Resp: 167430

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 20.3 17.0 25.4

