

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038550.D
 Acq On : 14 Dec 2018 2:36
 Operator : JU/SJ
 Sample : PB115634BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115634BL

Quant Time: Dec 14 03:21:52 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	18827	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	75052	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	48409	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	134063	20.00	ng	0.00
76) Chrysene-d12	21.72	240	152882	20.00	ng	0.00
87) Perylene-d12	25.01	264	156852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	110337	103.95	ng	0.00
7) Phenol-d6	7.21	99	144067	98.86	ng	0.00
23) Nitrobenzene-d5	9.23	82	136792	93.11	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	66450	99.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	327824	92.90	ng	0.00
79) Terphenyl-d14	20.04	244	656220	93.42	ng	0.00

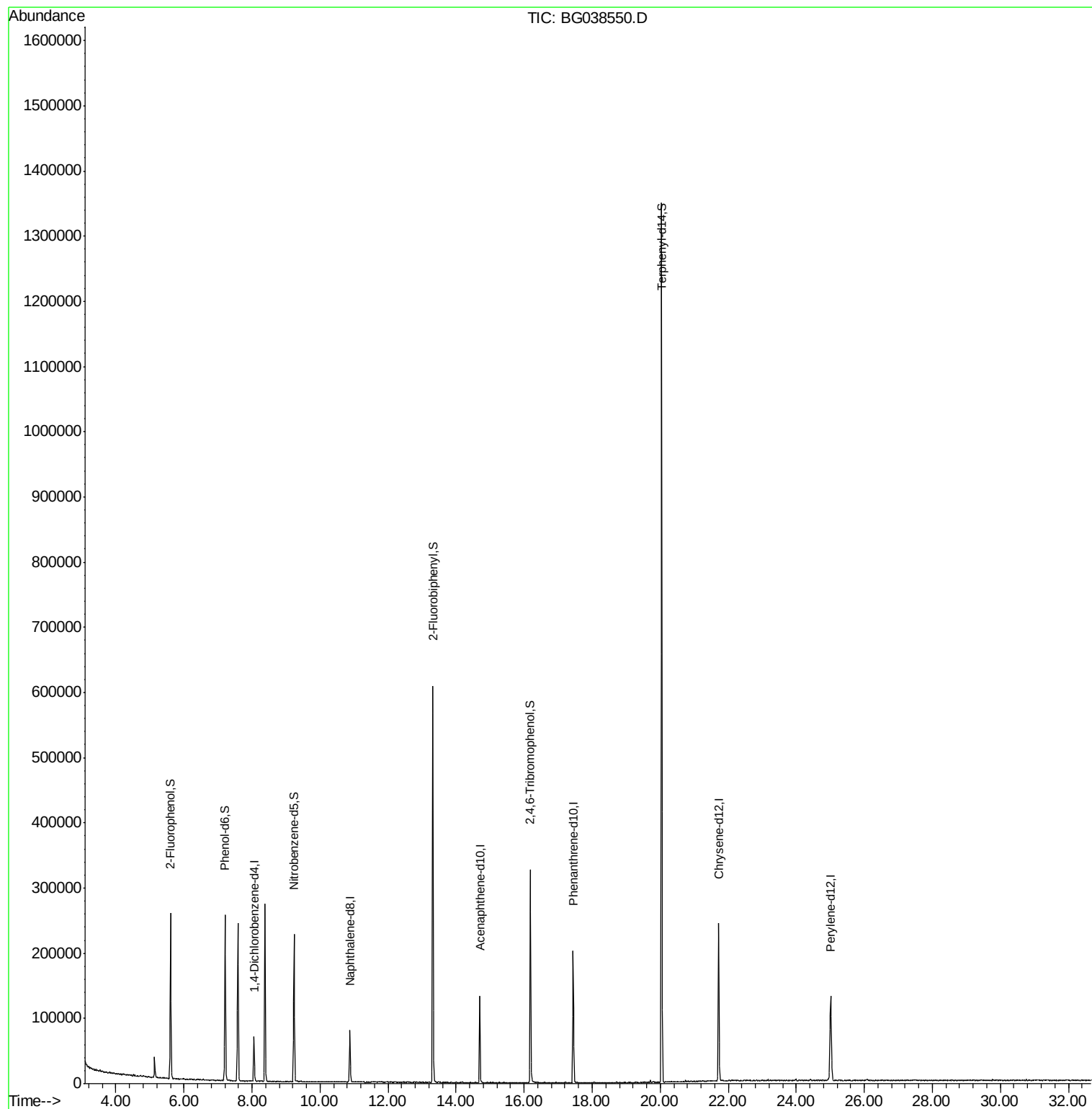
Target Compounds Qvalue

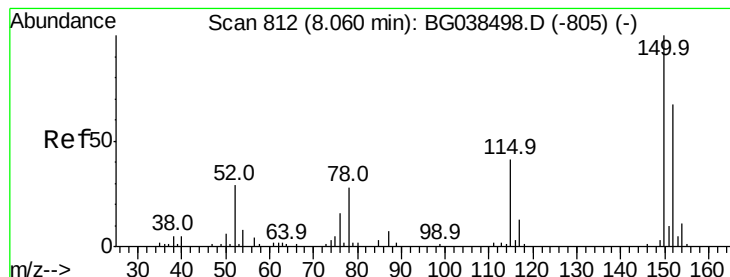
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038550.D

Acq: 14 Dec 2018 2:36

Instrument :

BNA_G

ClientSampleId :

PB115634BL

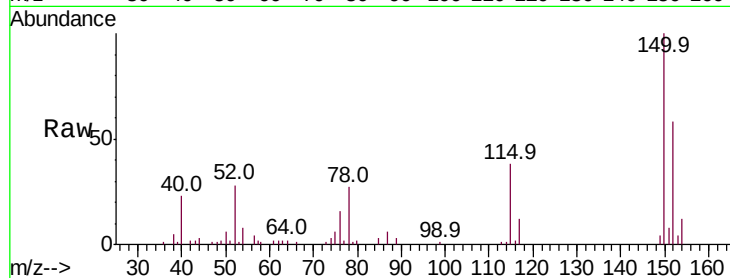
Tot Ion:152 Resp: 18827

Ion Ratio Lower Upper

152 100

150 173.3 119.5 179.3

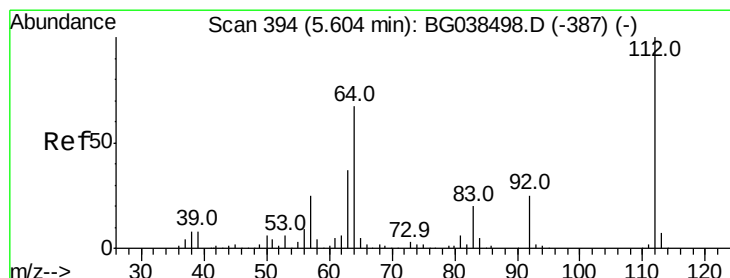
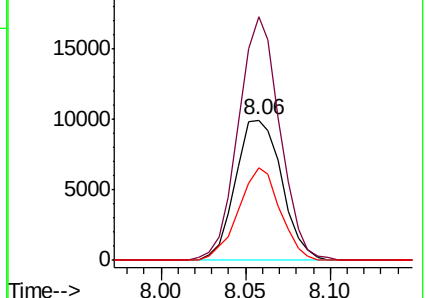
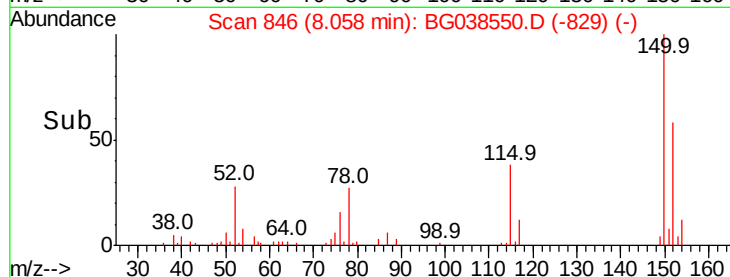
115 66.1 49.6 74.4



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: 103.946 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038550.D

Acq: 14 Dec 2018 2:36

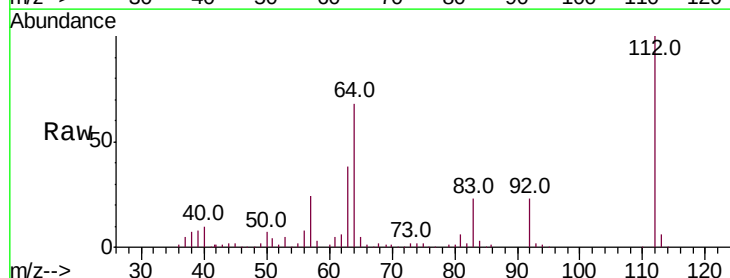
Tgt Ion:112 Resp: 110337

Ion Ratio Lower Upper

112 100

64 67.6 53.4 80.2

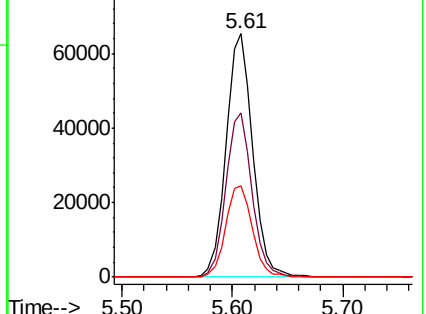
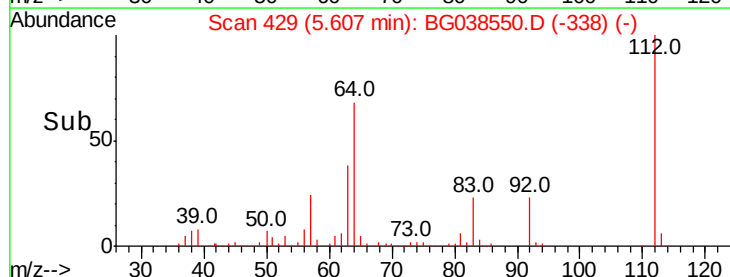
63 37.6 29.3 43.9

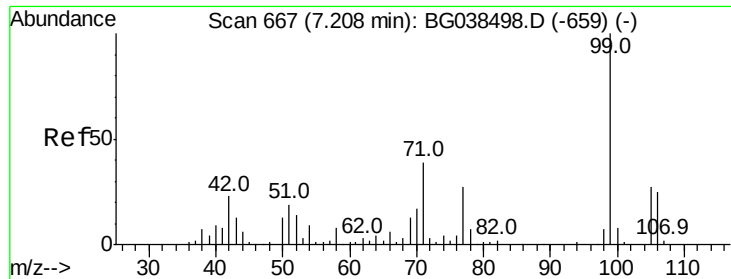


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.865 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038550.D

Acq: 14 Dec 2018 2:36

Instrument :

BNA_G

ClientSampleId :

PB115634BL

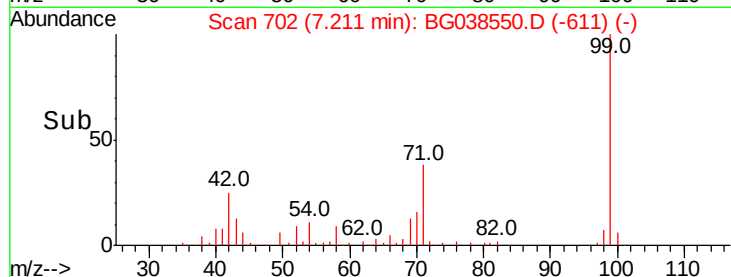
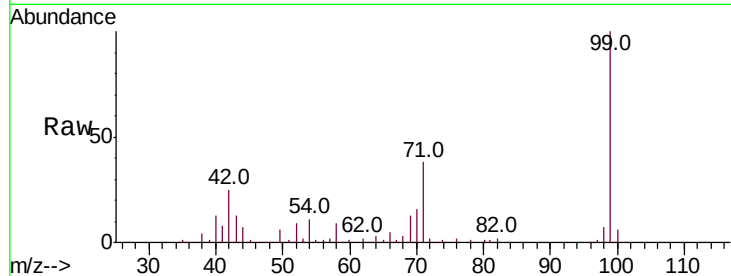
Tot Ion: 99 Resp: 144067

Ion Ratio Lower Upper

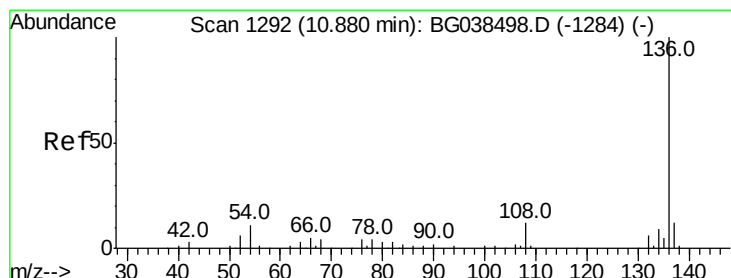
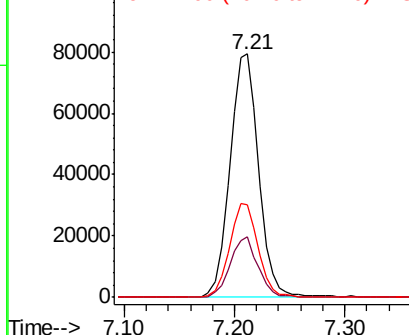
99 100

42 24.9 18.5 27.7

71 37.9 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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038550.D

Acq: 14 Dec 2018 2:36

Tgt Ion: 136 Resp: 75052

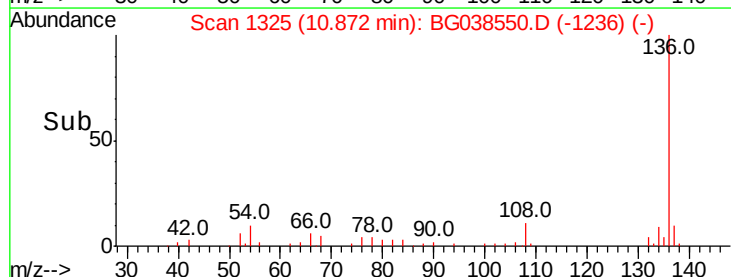
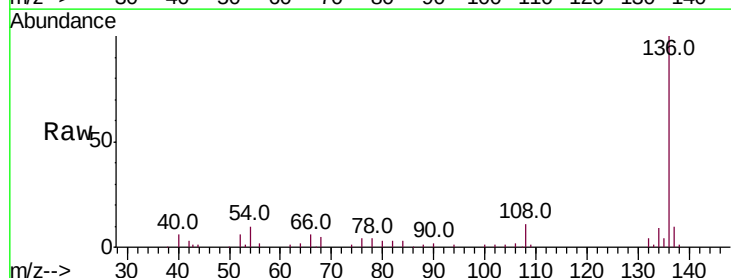
Ion Ratio Lower Upper

136 100

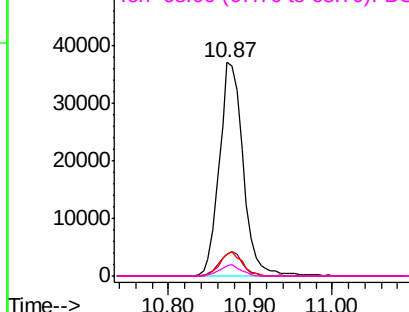
137 10.2 9.3 13.9

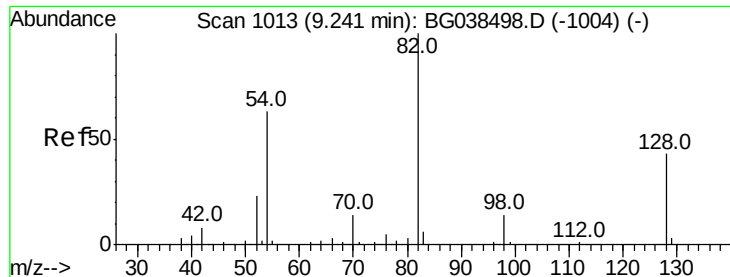
54 9.9 8.5 12.7

68 4.8 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

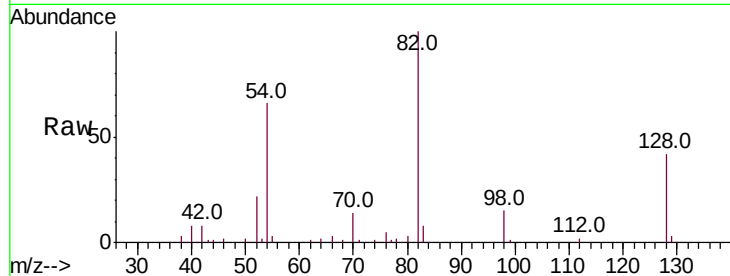




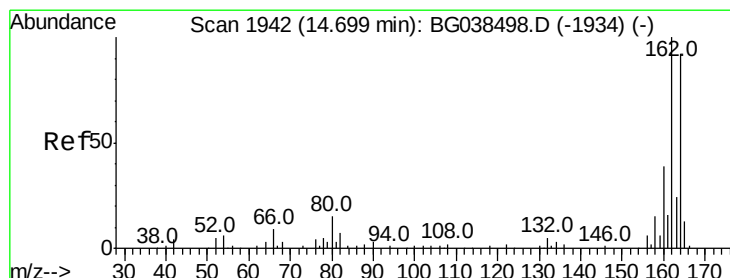
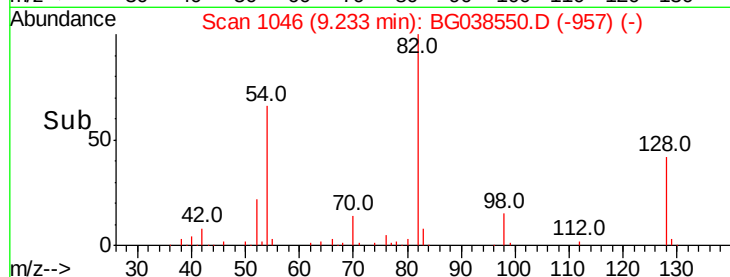
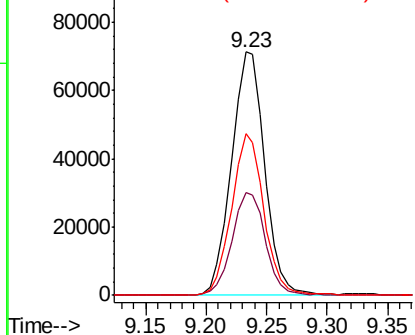
#23
 Nitrobenzene-d5
 Concen: 93.113 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115634BL

Tot Ion: 82 Resp: 136792
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 66.3 50.6 76.0

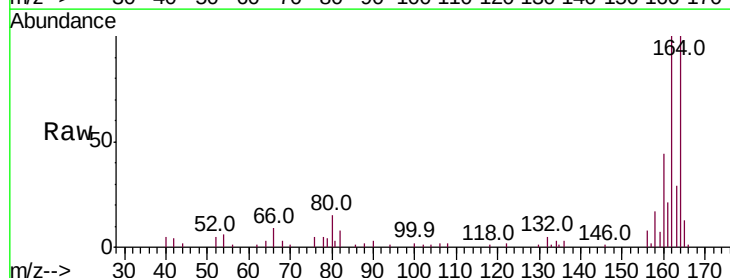


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

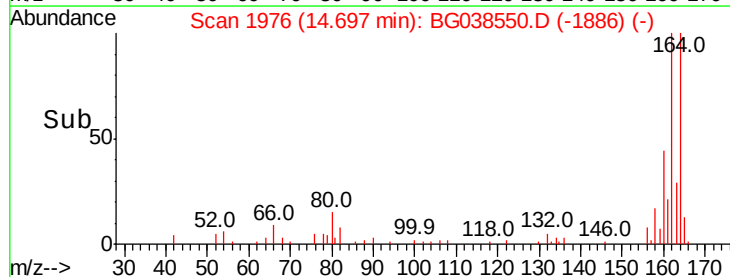
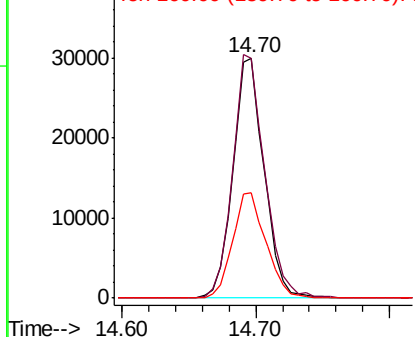


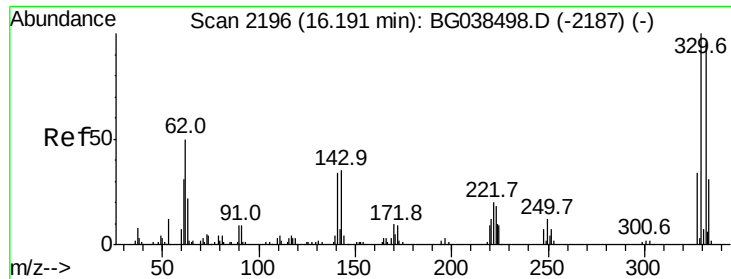
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Tgt Ion: 164 Resp: 48409
 Ion Ratio Lower Upper
 164 100
 162 100.0 86.6 130.0
 160 43.8 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

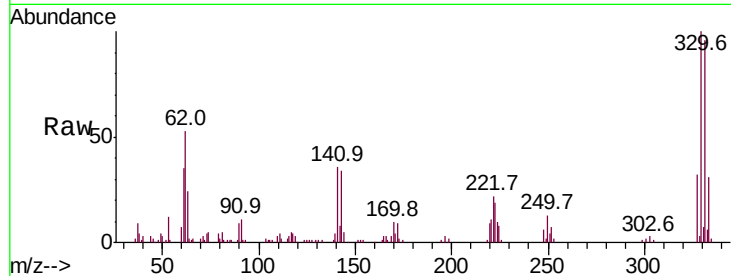




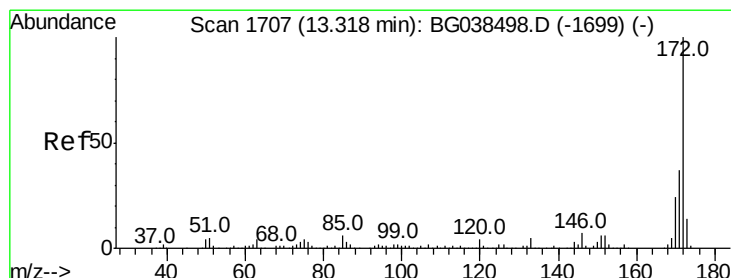
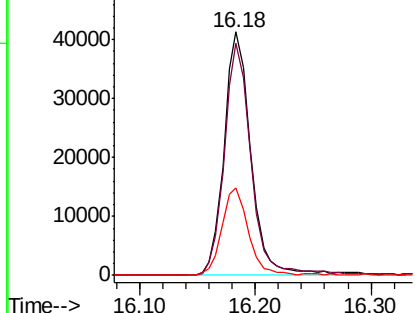
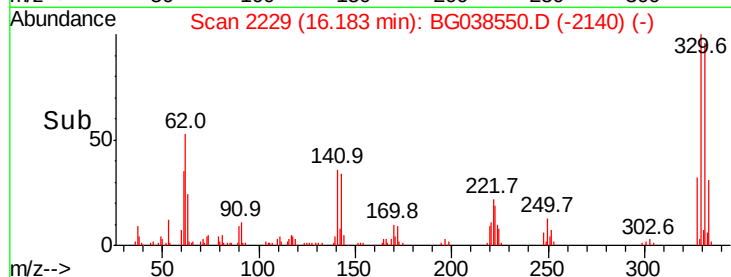
#42
 2,4,6-Tribromophenol
 Concen: 99.601 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Instrument :
 BNA_G
 ClientSampleId :
 PB115634BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	35.6	28.8	43.2

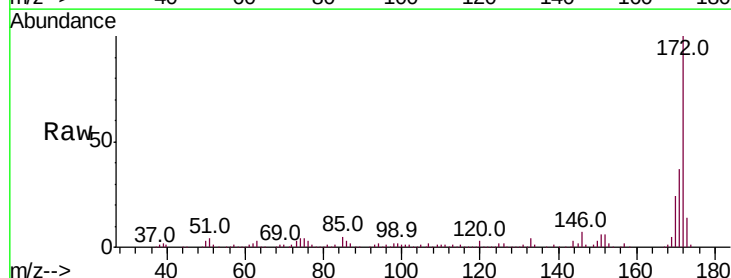


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

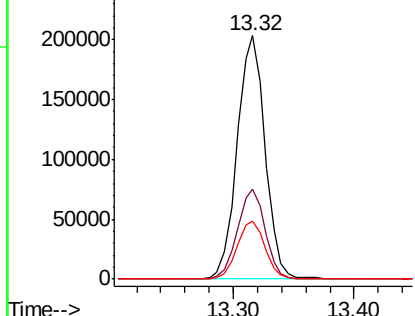
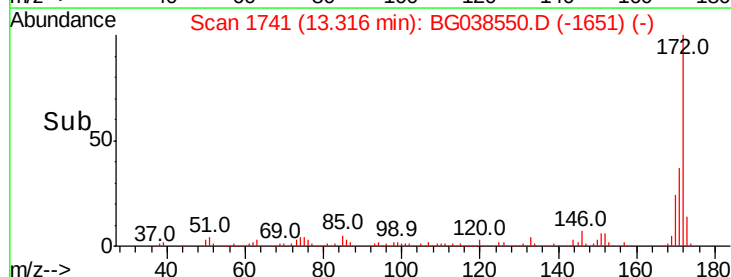


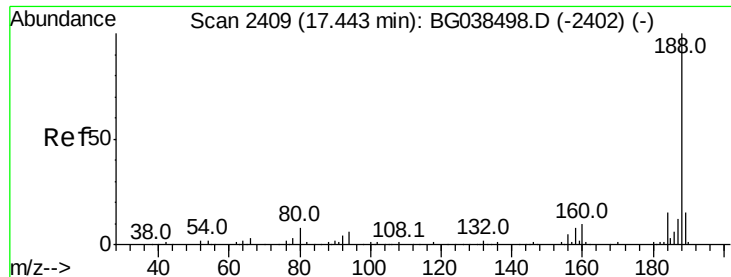
#45
 2-Fluorobiphenyl
 Concen: 92.901 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038550.D
 Acq: 14 Dec 2018 2:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

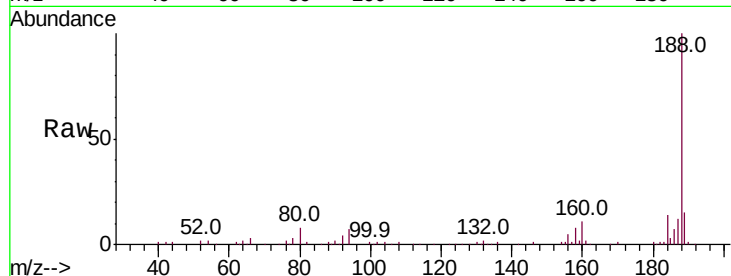




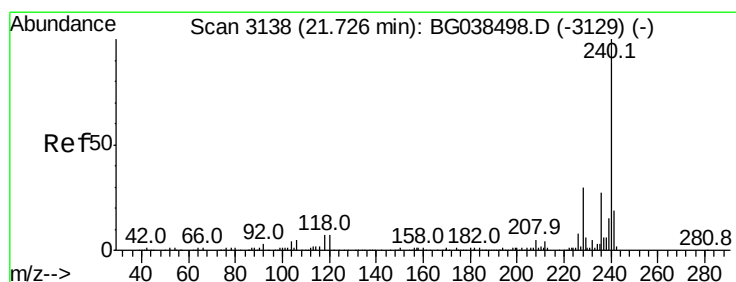
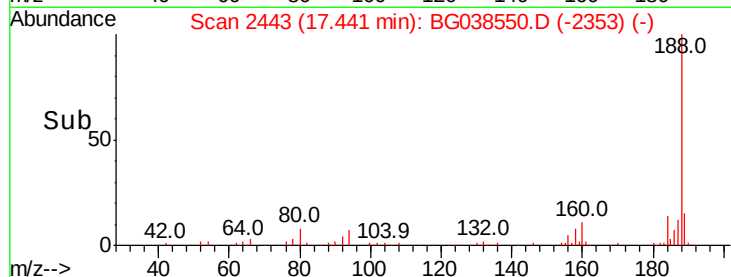
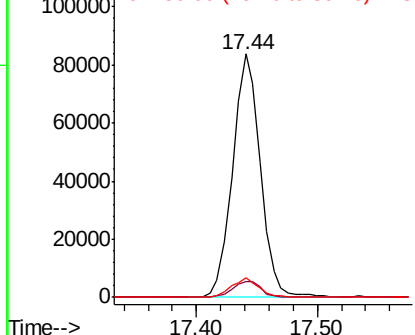
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038550.D
Acq: 14 Dec 2018 2:36

Instrument :
BNA_G
ClientSampleId :
PB115634BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.1	7.7
80	8.0	6.1	9.1

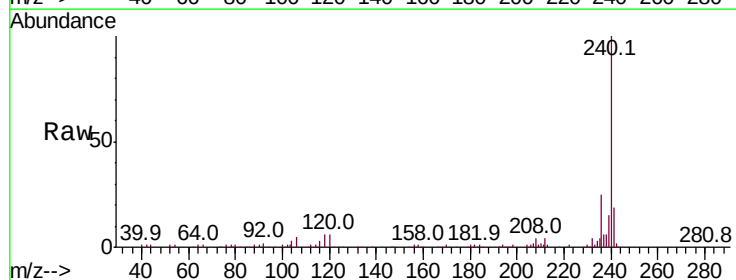


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

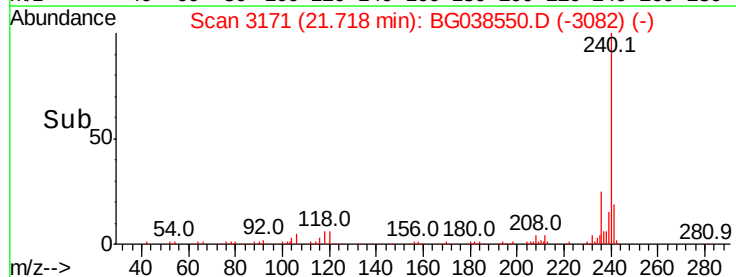
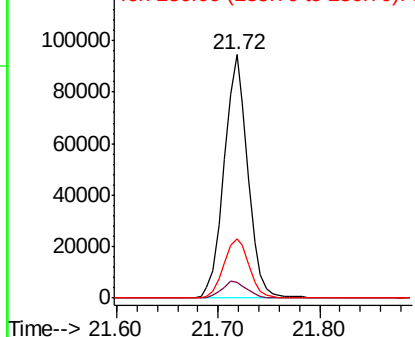


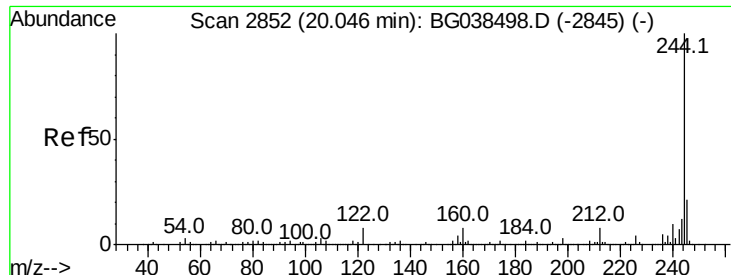
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038550.D
Acq: 14 Dec 2018 2:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.3	7.9
236	24.6	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: 93.415 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038550.D

Acq: 14 Dec 2018 2:36

Instrument :

BNA_G

ClientSampleId :

PB115634BL

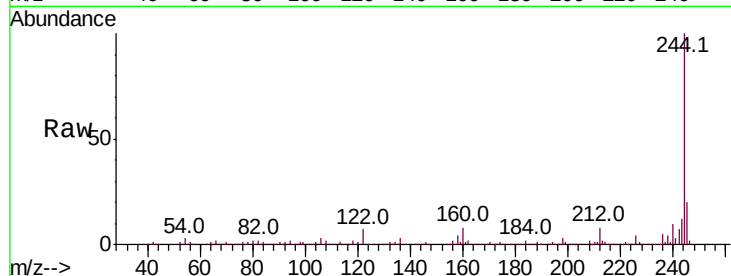
Tot Ion:244 Resp: 656220

Ion Ratio Lower Upper

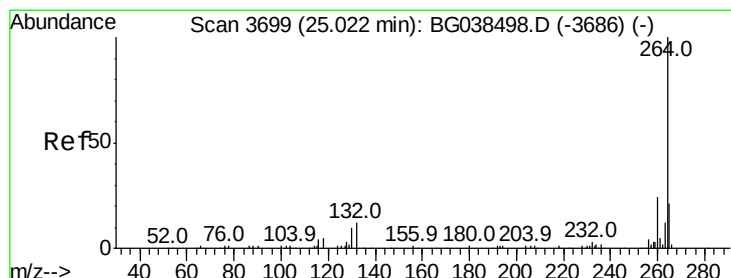
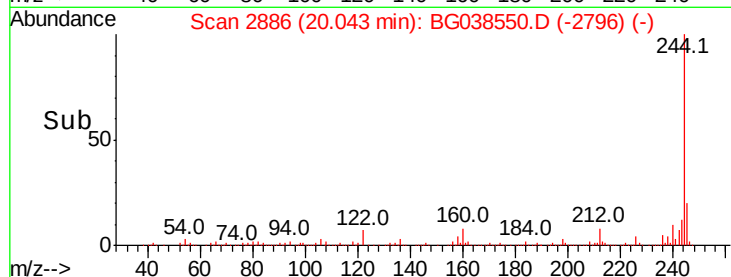
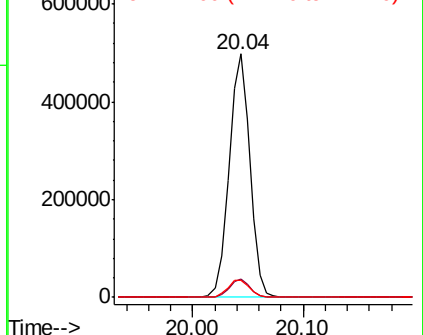
244 100

212 7.7 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: BG038550.D

Acq: 14 Dec 2018 2:36

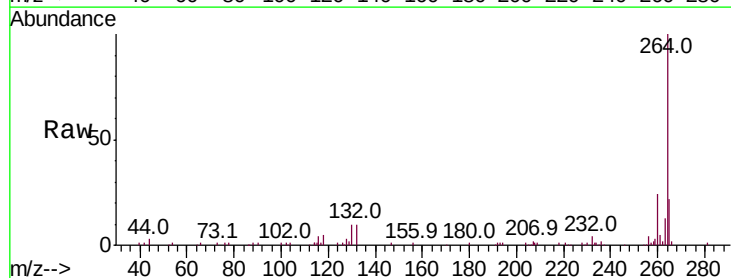
Tgt Ion:264 Resp: 156852

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.0 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

