

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
 Data File : BG038630.D
 Acq On : 16 Dec 2018 8:08
 Operator : JU/SJ
 Sample : PB115697BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115697BL

Quant Time: Dec 17 03:10:14 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	20128	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	81538	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	52810	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	136771	20.00	ng	0.00
76) Chrysene-d12	21.72	240	148073	20.00	ng	0.00
87) Perylene-d12	25.02	264	153608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	129565	114.17	ng	0.00
7) Phenol-d6	7.21	99	170233	109.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	108441	67.94	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	73624	101.16	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	264357	68.67	ng	0.00
79) Terphenyl-d14	20.04	244	525173	77.19	ng	0.00

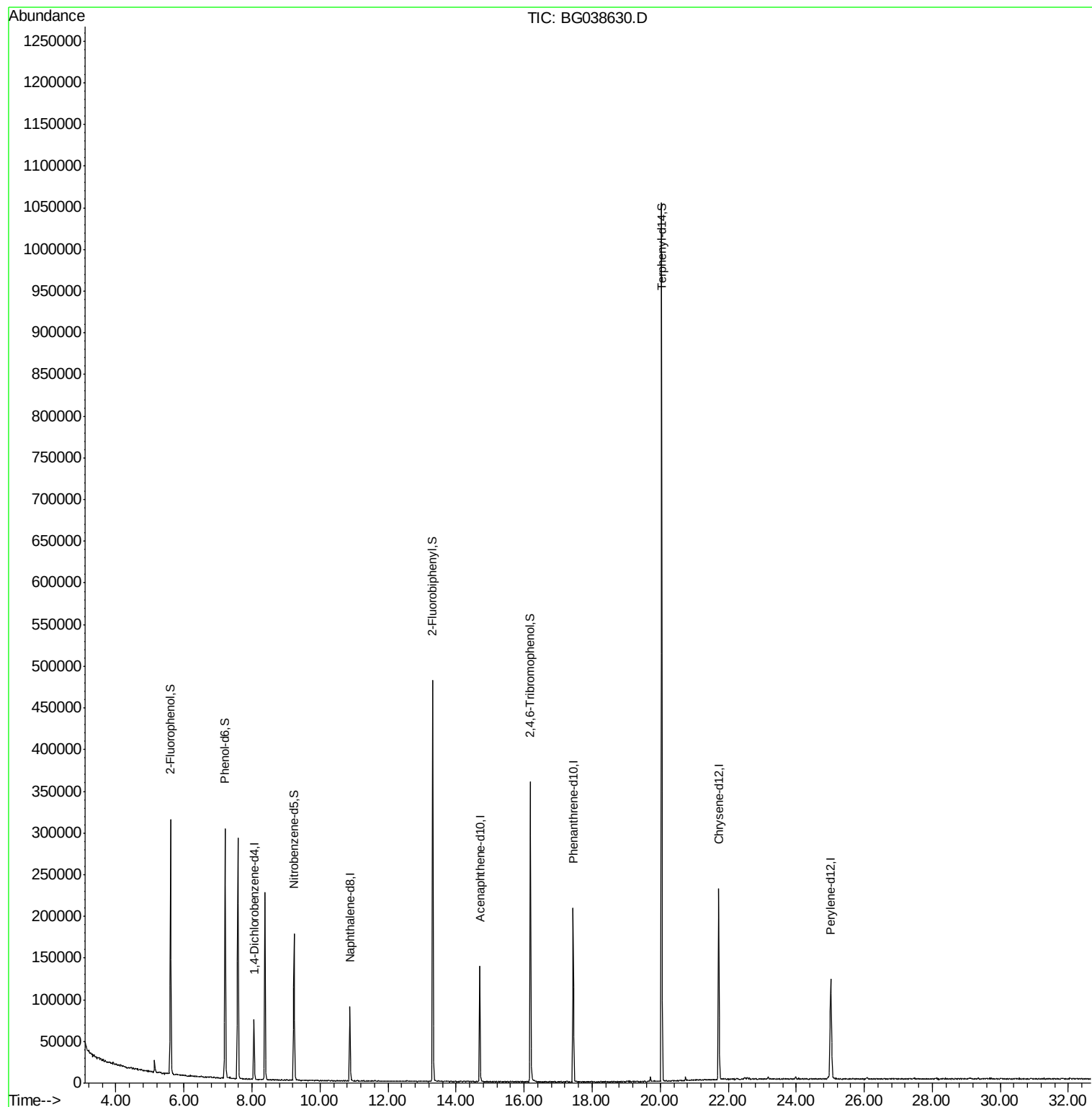
Target Compounds Qvalue

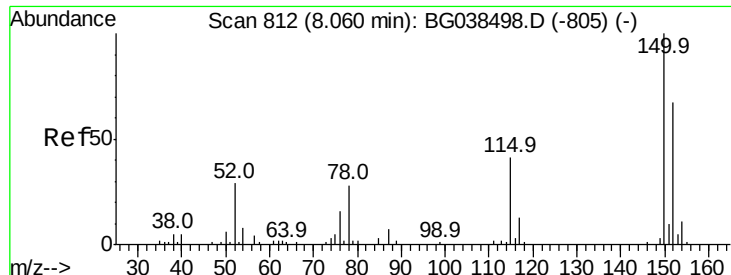
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038630.D

Acq: 16 Dec 2018 8:08

Instrument :

BNA_G

ClientSampleId :

PB115697BL

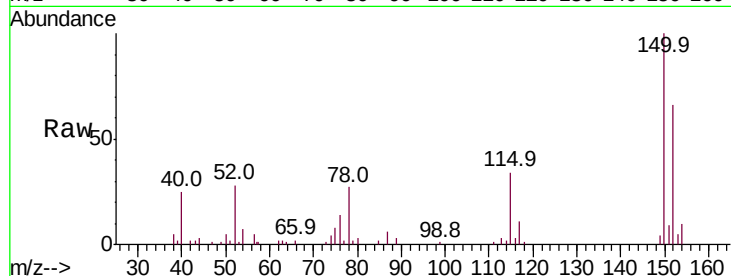
Tot Ion:152 Resp: 20128

Ion Ratio Lower Upper

152 100

150 152.6 119.5 179.3

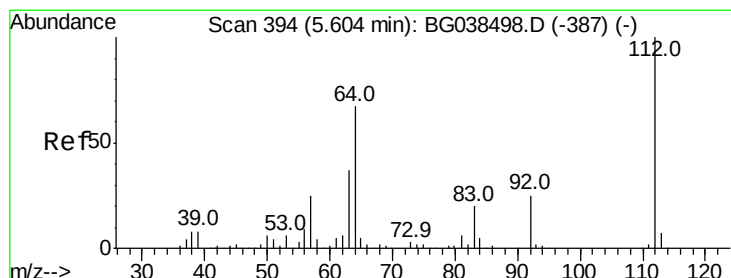
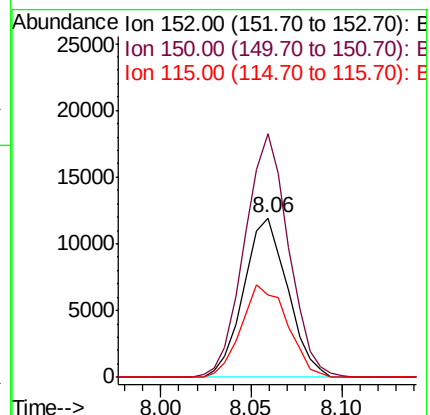
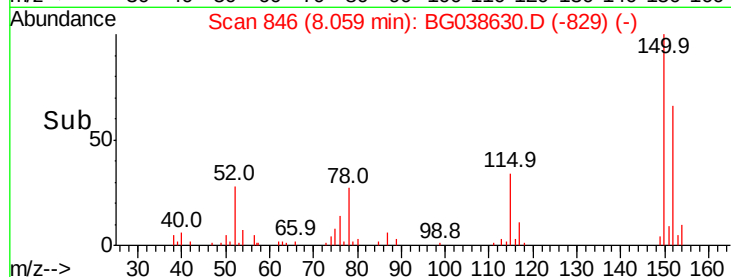
115 51.9 49.6 74.4



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: 114.171 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038630.D

Acq: 16 Dec 2018 8:08

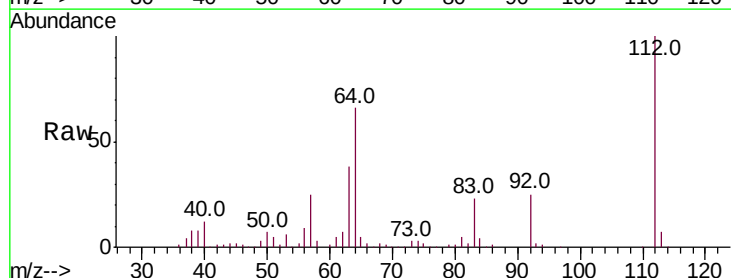
Tgt Ion:112 Resp: 129565

Ion Ratio Lower Upper

112 100

64 66.0 53.4 80.2

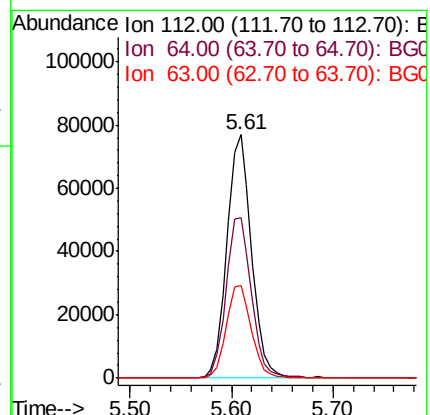
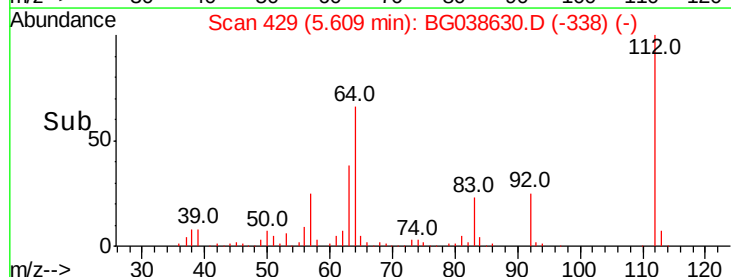
63 38.0 29.3 43.9

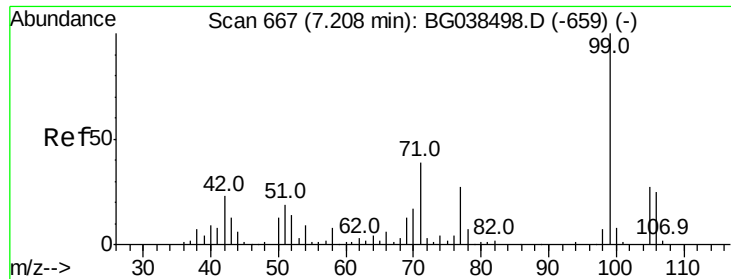


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 109.270 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038630.D

Acq: 16 Dec 2018 8:08

Instrument :

BNA_G

ClientSampleId :

PB115697BL

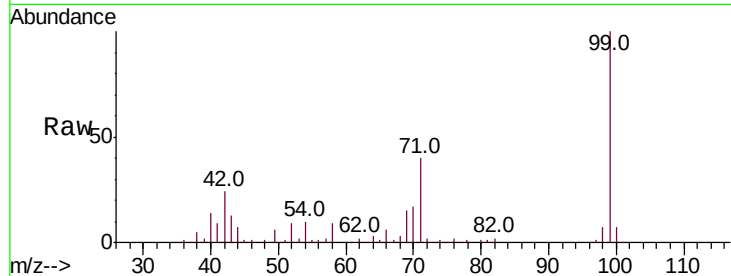
Tot Ion: 99 Resp: 170233

Ion Ratio Lower Upper

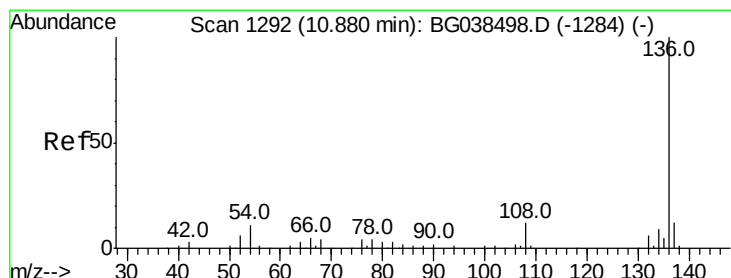
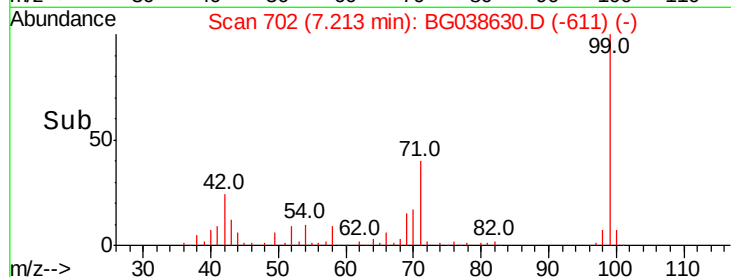
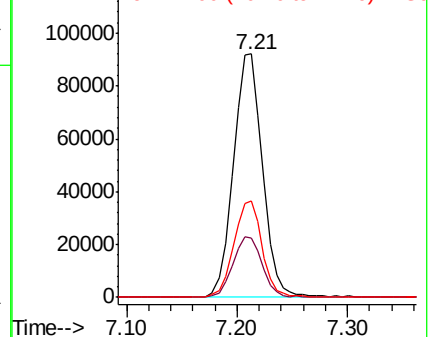
99 100

42 24.4 18.5 27.7

71 39.7 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: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038630.D

Acq: 16 Dec 2018 8:08

Tgt Ion: 136 Resp: 81538

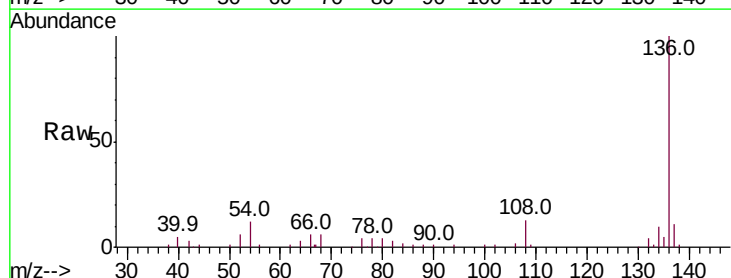
Ion Ratio Lower Upper

136 100

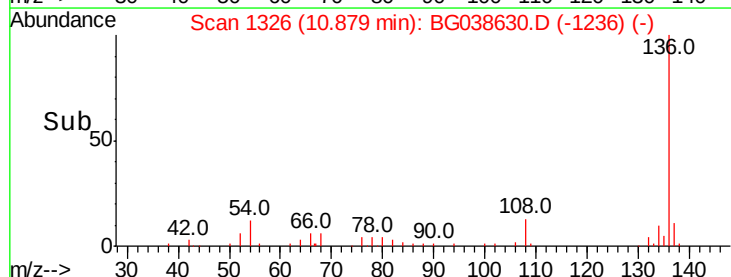
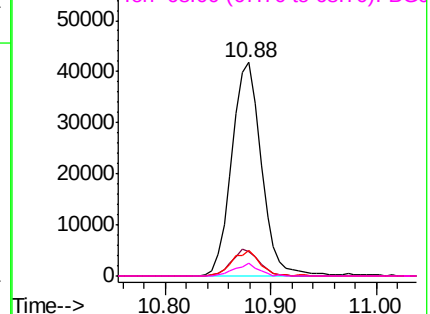
137 11.4 9.3 13.9

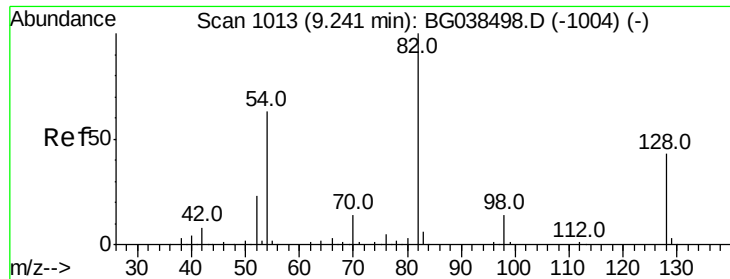
54 11.9 8.5 12.7

68 5.9 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

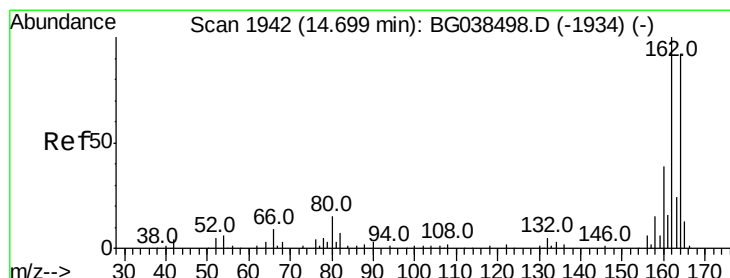
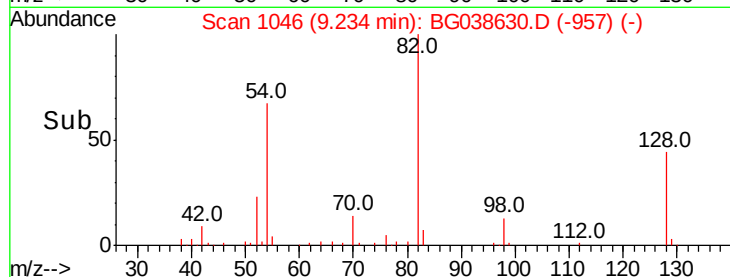
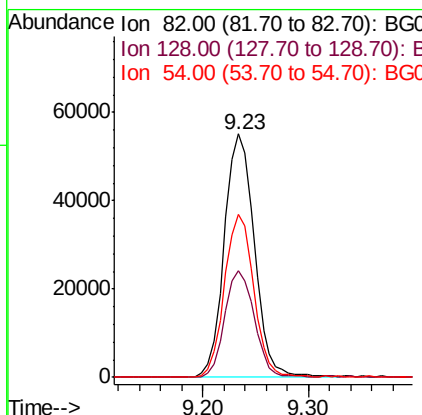
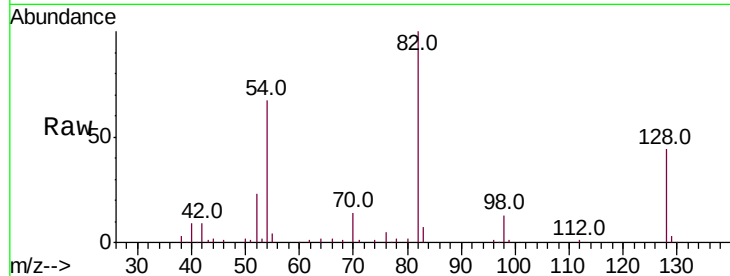




#23
 Nitrobenzene-d5
 Concen: 67.943 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038630.D
 Acq: 16 Dec 2018 8:08

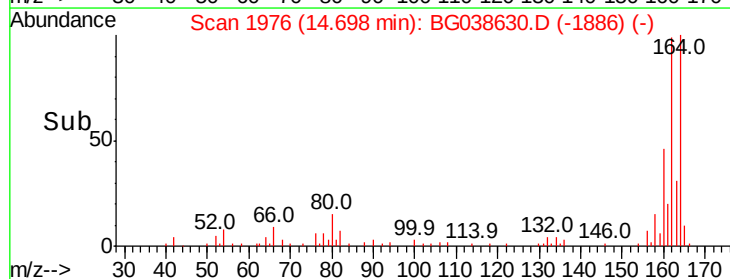
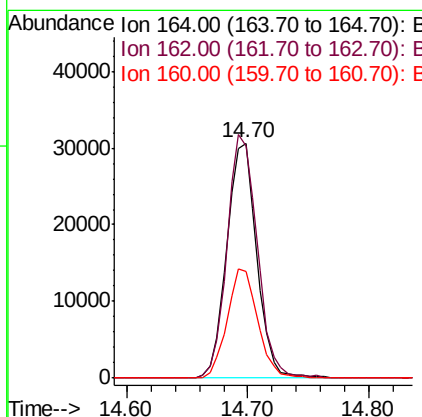
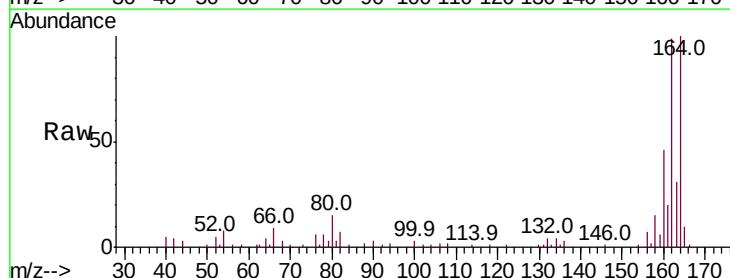
Instrument :
 BNA_G
 ClientSampleId :
 PB115697BL

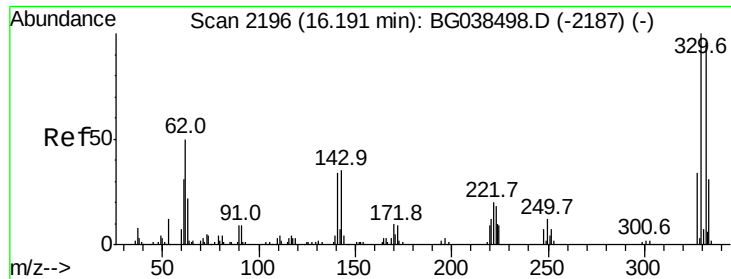
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	67.0	50.6	76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038630.D
 Acq: 16 Dec 2018 8:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	86.6	130.0
160	45.6	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 101.157 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038630.D

Acq: 16 Dec 2018 8:08

Instrument :

BNA_G

ClientSampleId :

PB115697BL

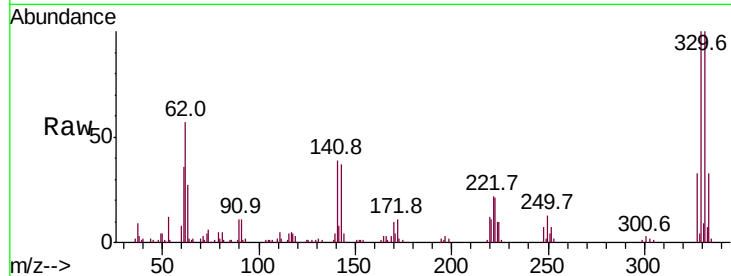
Tot Ion:330 Resp: 73624

Ion Ratio Lower Upper

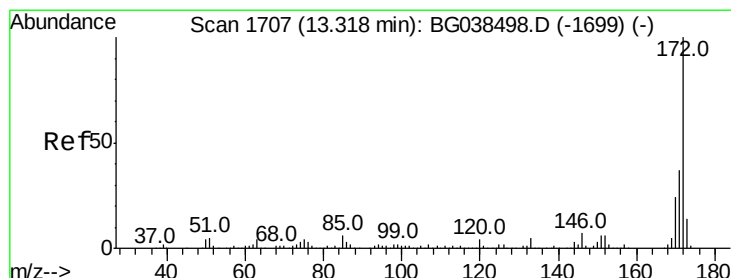
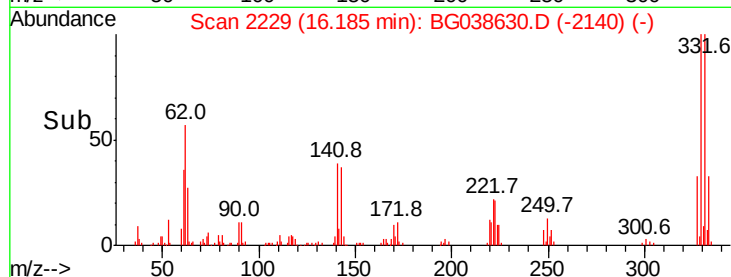
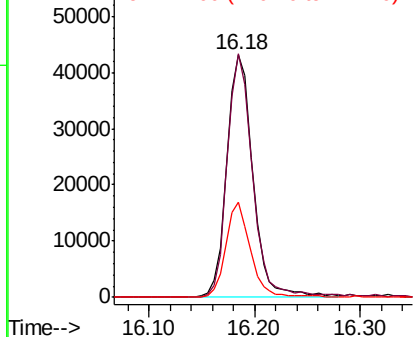
330 100

332 97.9 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: 68.672 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038630.D

Acq: 16 Dec 2018 8:08

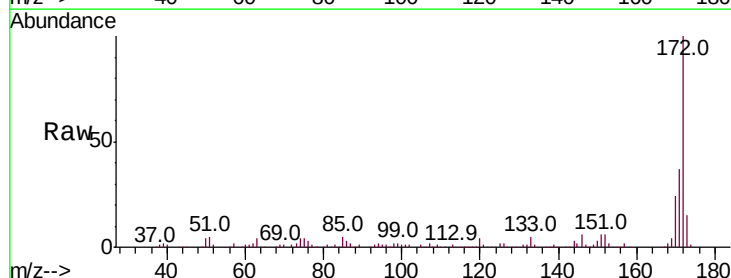
Tgt Ion:172 Resp: 264357

Ion Ratio Lower Upper

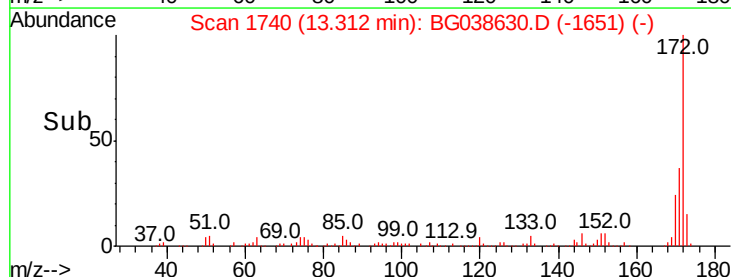
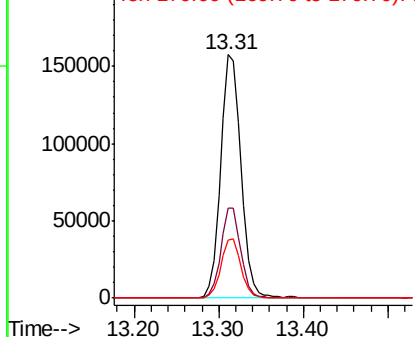
172 100

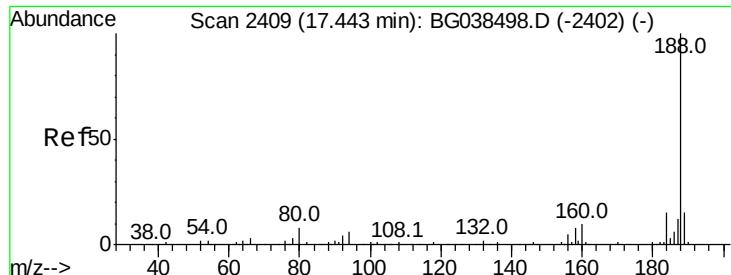
171 37.2 29.8 44.6

170 23.8 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

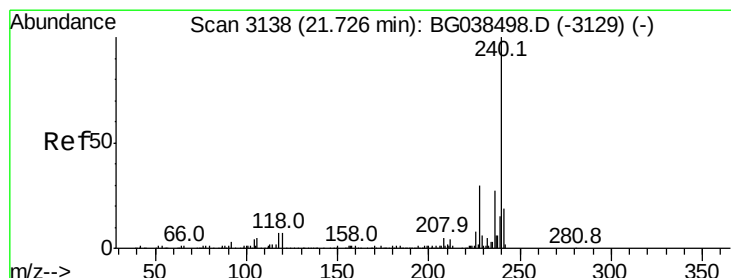
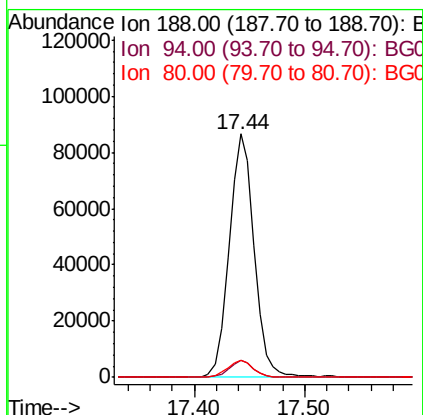
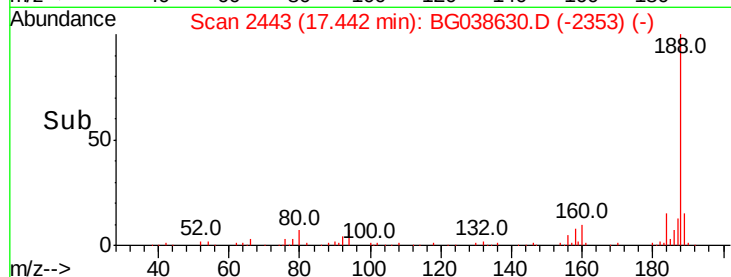
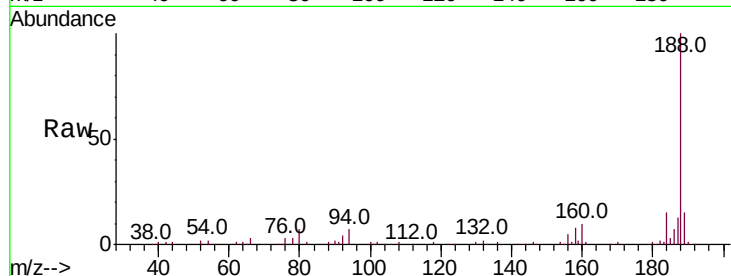




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038630.D
Acq: 16 Dec 2018 8:08

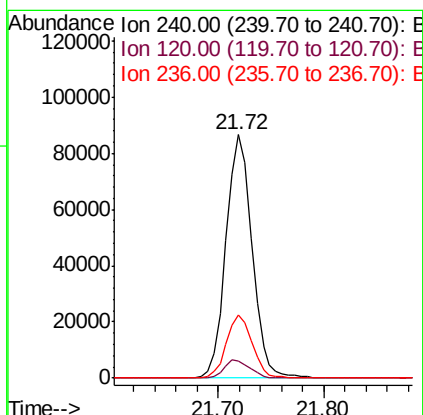
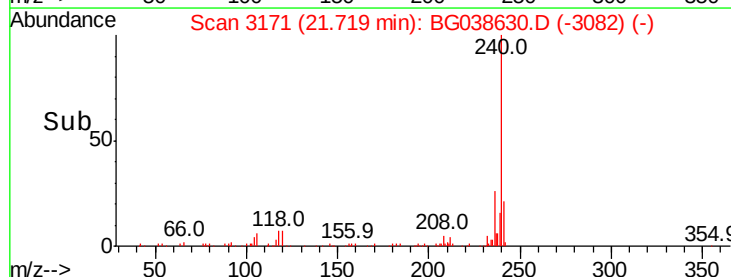
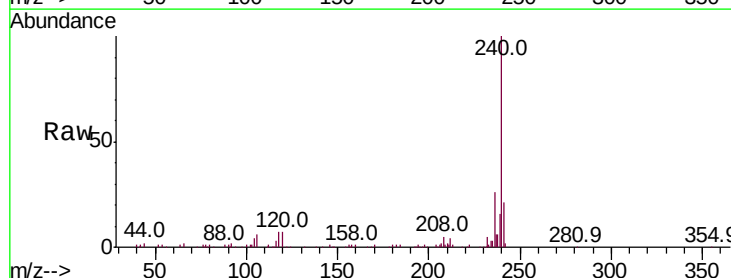
Instrument :
BNA_G
ClientSampleId :
PB115697BL

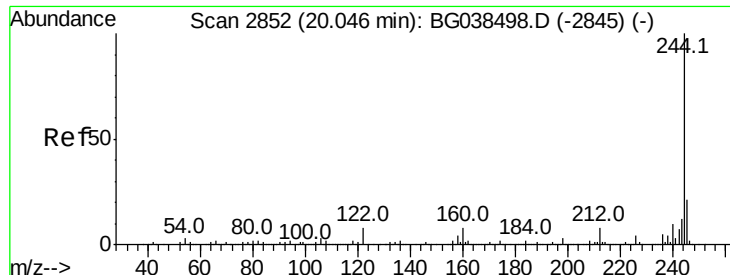
Tot Ion:188 Resp: 136771
Ion Ratio Lower Upper
188 100
94 7.0 5.1 7.7
80 7.2 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038630.D
Acq: 16 Dec 2018 8:08

Tgt Ion:240 Resp: 148073
Ion Ratio Lower Upper
240 100
120 6.8 5.3 7.9
236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 77.188 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038630.D

Acq: 16 Dec 2018 8:08

Instrument :

BNA_G

ClientSampleId :

PB115697BL

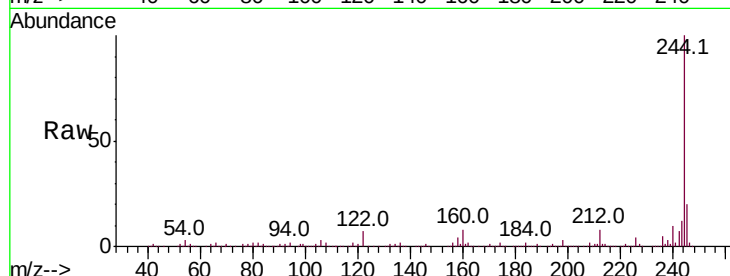
Tot Ion:244 Resp: 525173

Ion Ratio Lower Upper

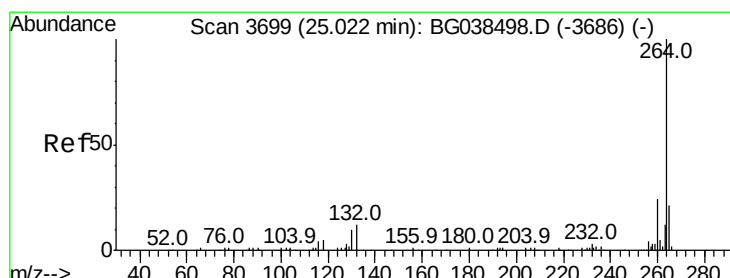
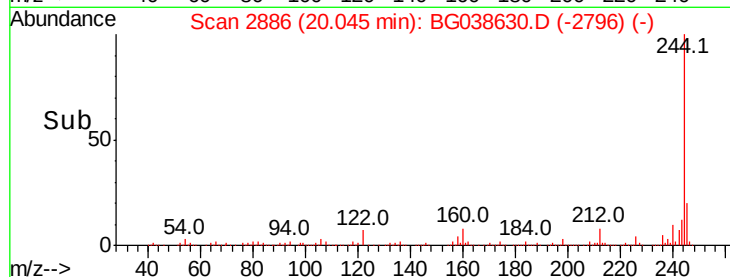
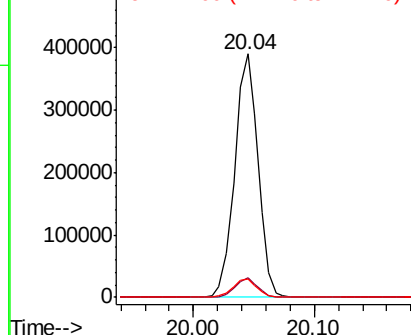
244 100

212 7.8 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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038630.D

Acq: 16 Dec 2018 8:08

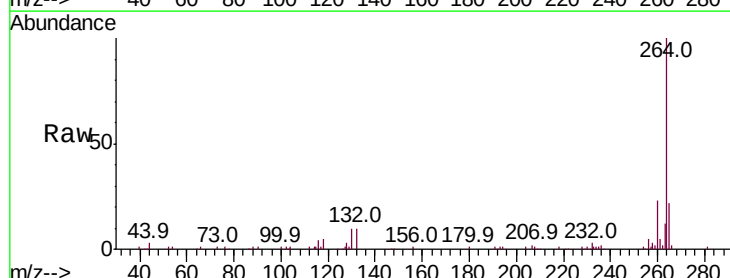
Tgt Ion:264 Resp: 153608

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.8 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

