

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038862.D
 Acq On : 28 Dec 2018 5:08
 Operator : JU/SJ
 Sample : J6534-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWRV-6

Quant Time: Dec 28 07:12:39 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

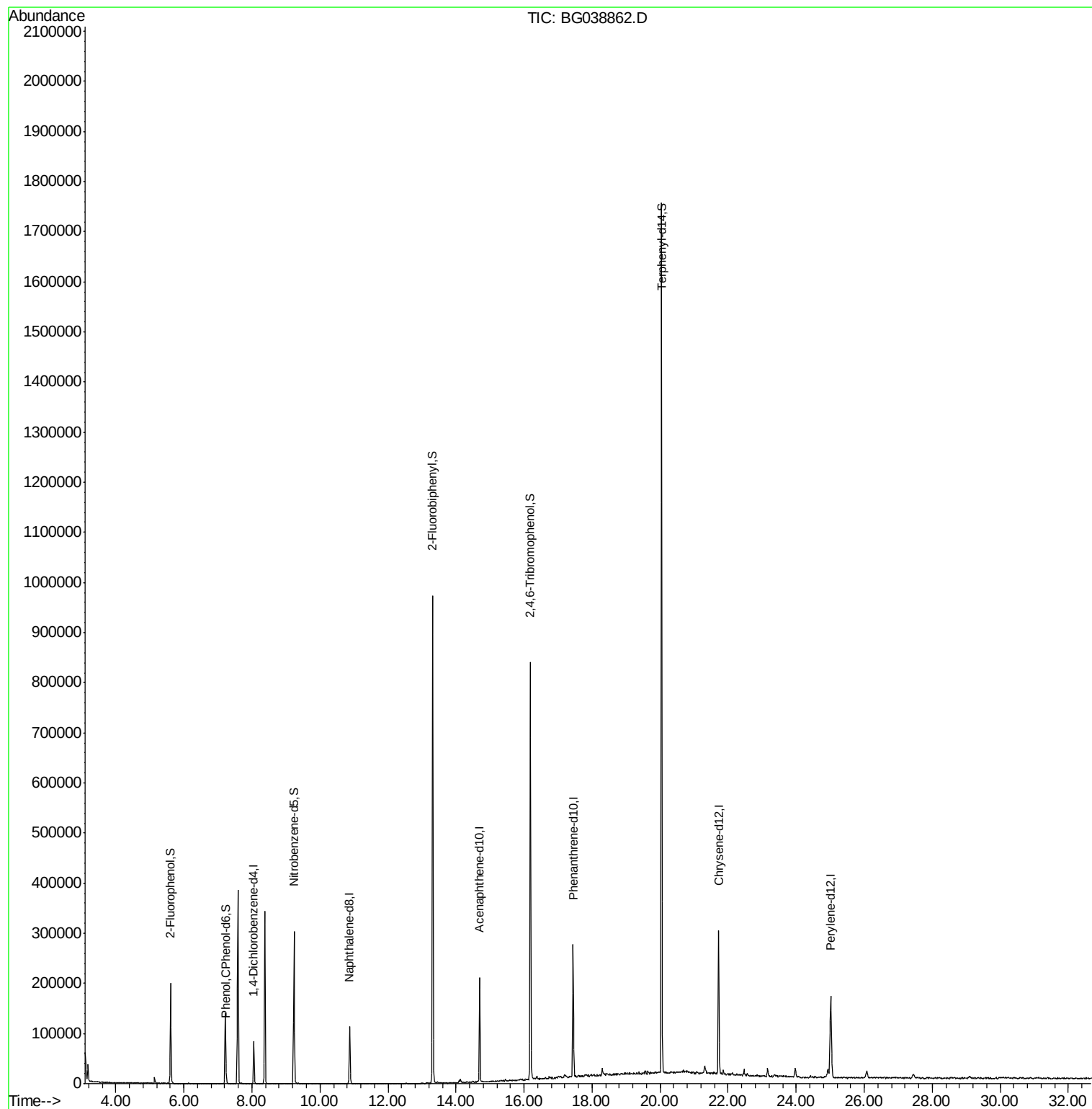
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23684	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	107814	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	76594	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	176421	20.00	ng	0.00
76) Chrysene-d12	21.72	240	185923	20.00	ng	0.00
87) Perylene-d12	25.02	264	201509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	89845	67.28	ng	0.00
7) Phenol-d6	7.21	99	82163	44.82	ng	0.00
23) Nitrobenzene-d5	9.23	82	182262	86.36	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	171452	162.42	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	543292	97.31	ng	0.00
79) Terphenyl-d14	20.05	244	901054	105.47	ng	0.00
Target Compounds						
10) Phenol	7.24	94	4096	2.103	ng	Qvalue 88

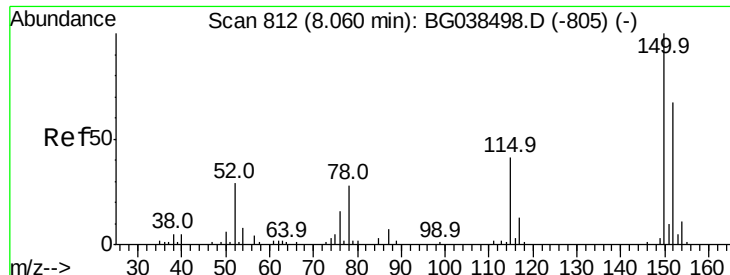
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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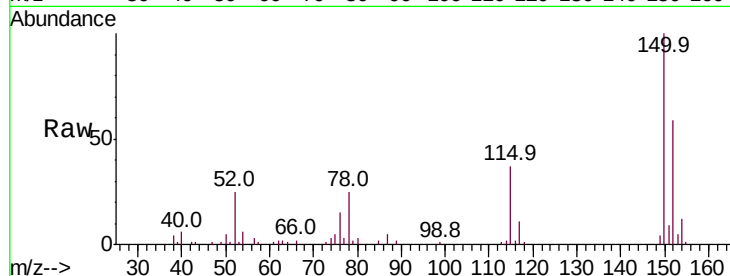


#1

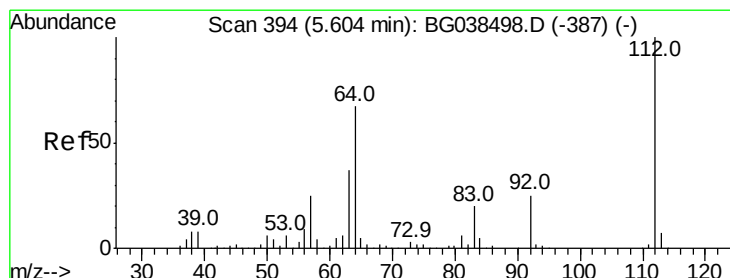
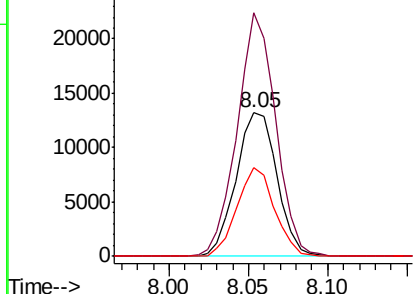
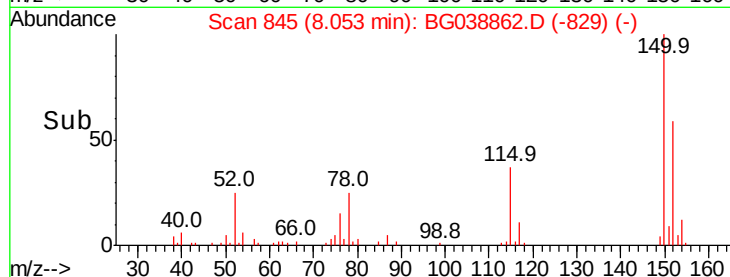
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038862.D
Acq: 28 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
MWRV-6

Tot Ion:152 Resp: 23684
Ion Ratio Lower Upper
152 100
150 169.9 119.5 179.3
115 62.0 49.6 74.4



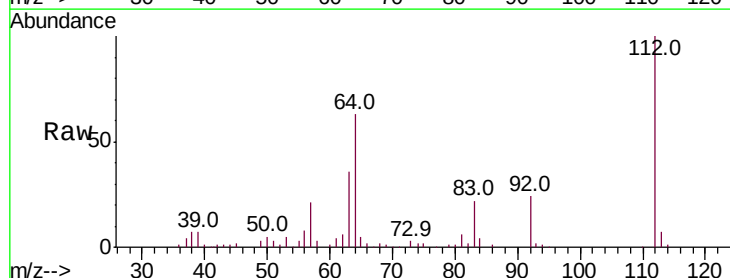
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



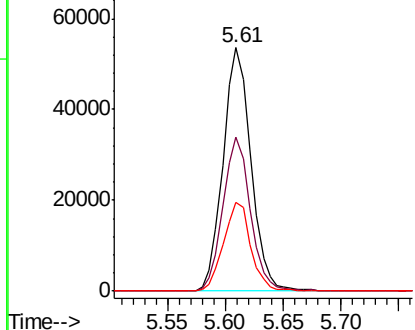
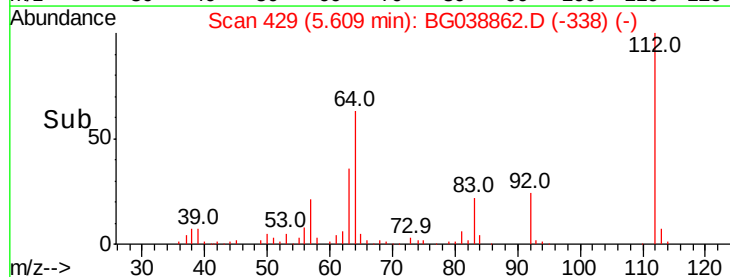
#5

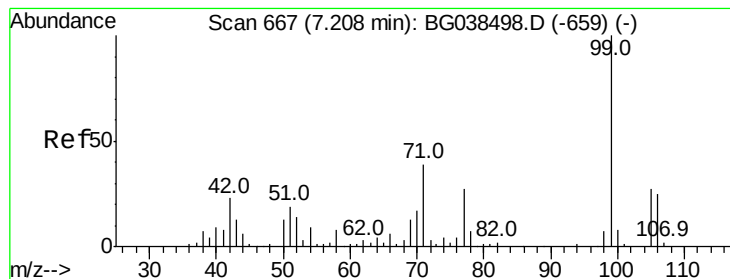
2-Fluorophenol
Concen: 67.283 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038862.D
Acq: 28 Dec 2018 5:08

Tgt Ion:112 Resp: 89845
Ion Ratio Lower Upper
112 100
64 63.3 53.4 80.2
63 36.2 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: 44.821 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038862.D

Acq: 28 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

MWRV-6

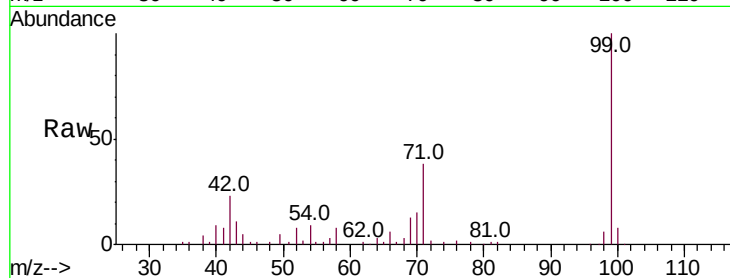
Tot Ion: 99 Resp: 82163

Ion Ratio Lower Upper

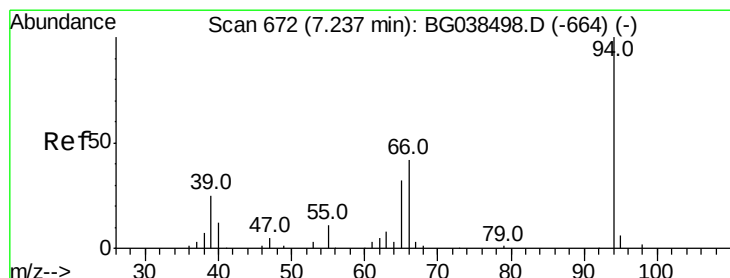
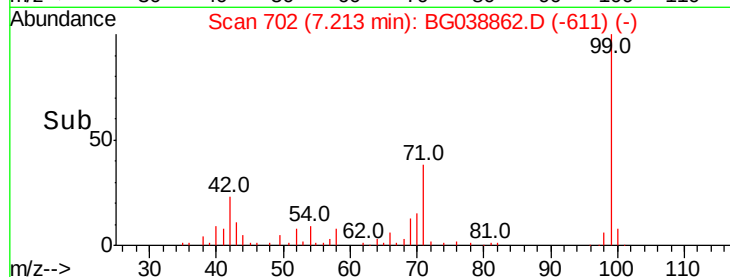
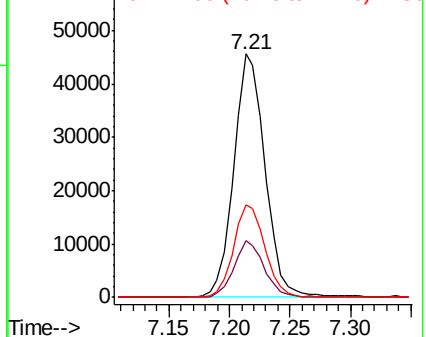
99 100

42 23.4 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



#10

Phenol

Concen: 2.103 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038862.D

Acq: 28 Dec 2018 5:08

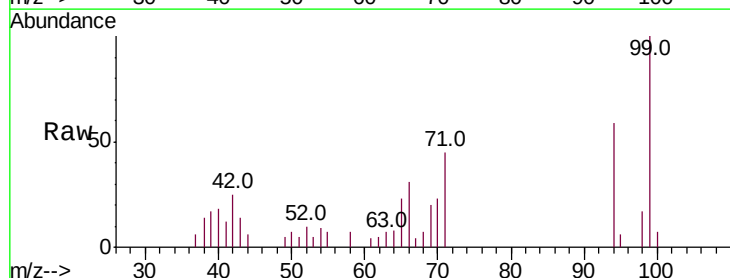
Tgt Ion: 94 Resp: 4096

Ion Ratio Lower Upper

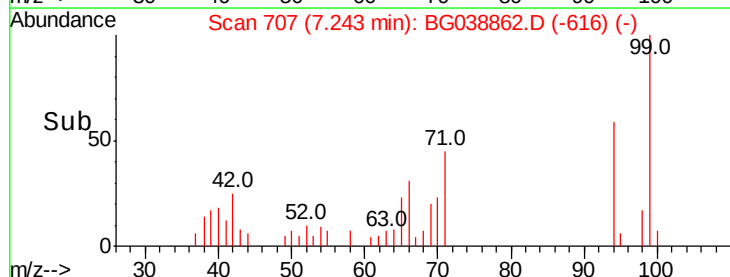
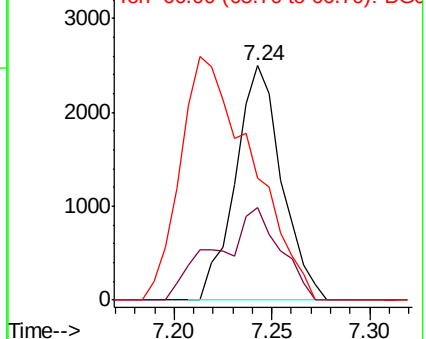
94 100

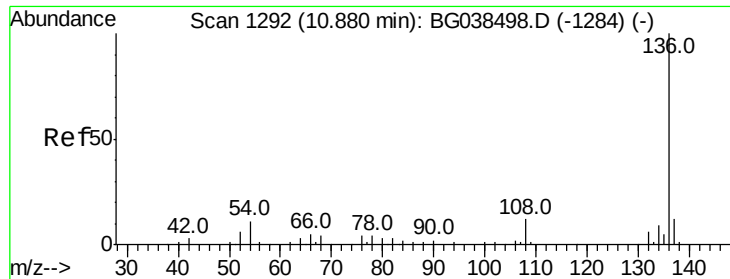
65 39.6 12.6 52.6

66 52.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

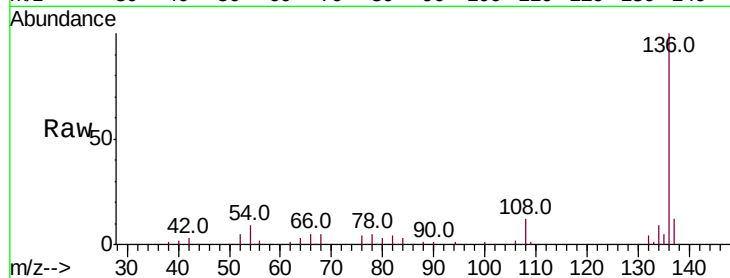




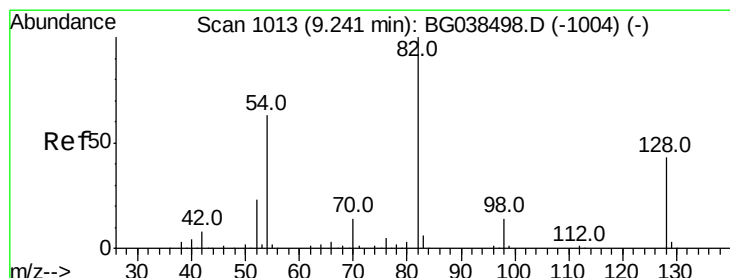
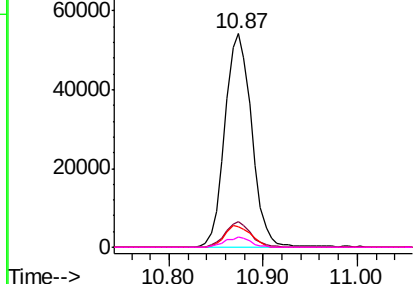
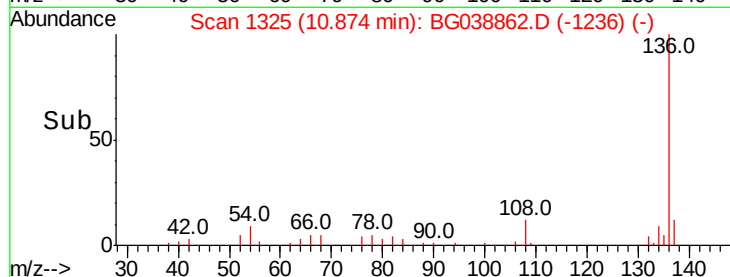
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038862.D
Acq: 28 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
MWRV-6

Tot Ion:	136	Resp:	107814
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	9.5	8.5	12.7
68	4.6	3.5	5.3

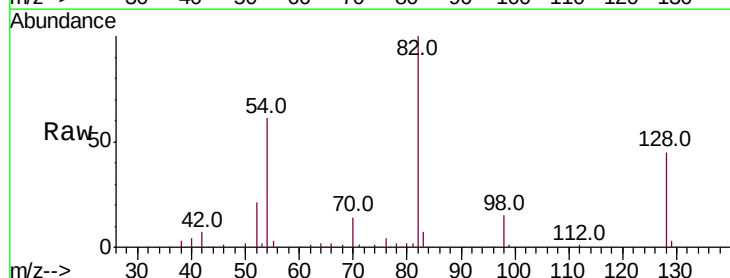


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

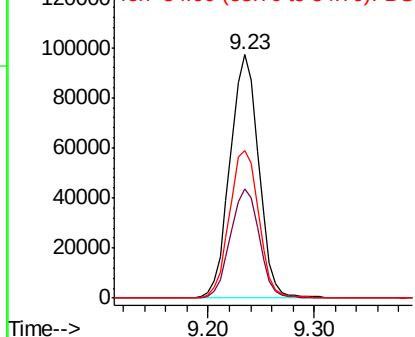
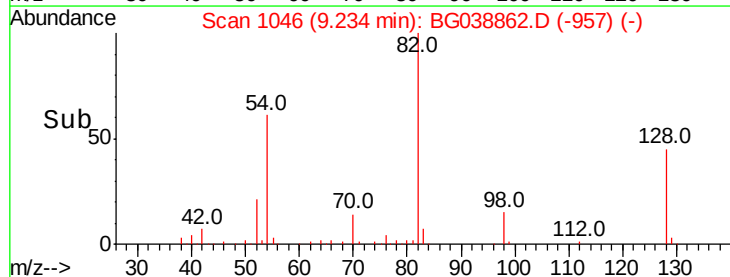


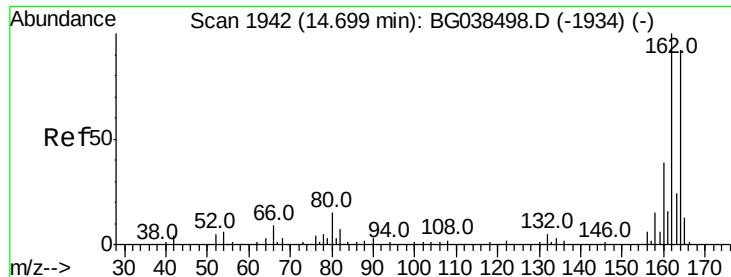
#23
Nitrobenzene-d5
Concen: 86.364 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038862.D
Acq: 28 Dec 2018 5:08

Tgt Ion:	82	Resp:	182262
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	52.0
54	60.7	50.6	76.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG038862.D

Acq: 28 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

MWRV-6

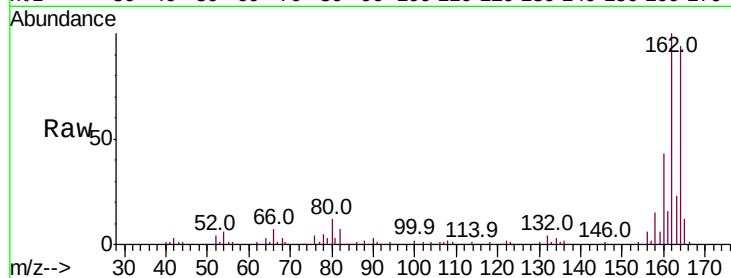
Tot Ion:164 Resp: 76594

Ion Ratio Lower Upper

164 100

162 106.4 86.6 130.0

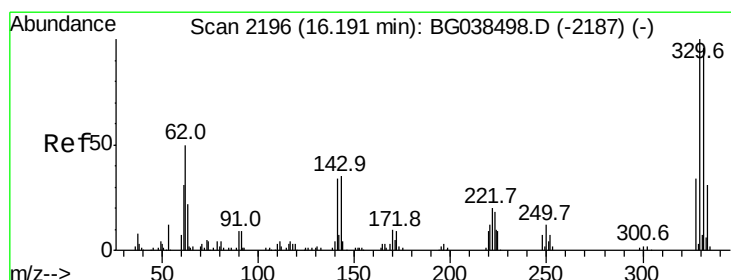
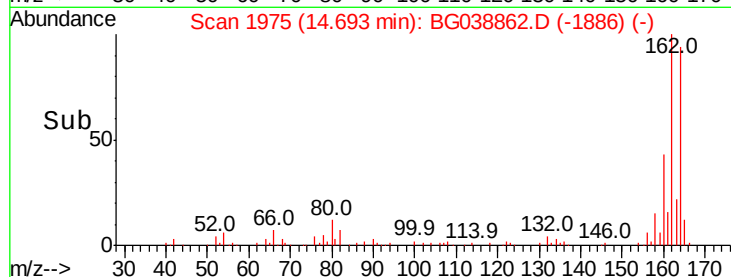
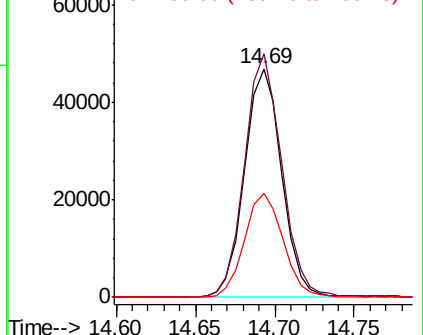
160 45.8 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 162.421 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038862.D

Acq: 28 Dec 2018 5:08

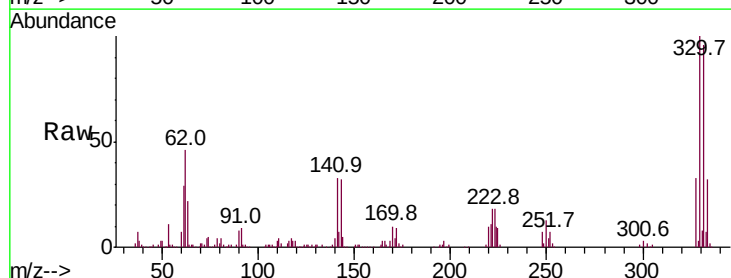
Tgt Ion:330 Resp: 171452

Ion Ratio Lower Upper

330 100

332 94.4 76.9 115.3

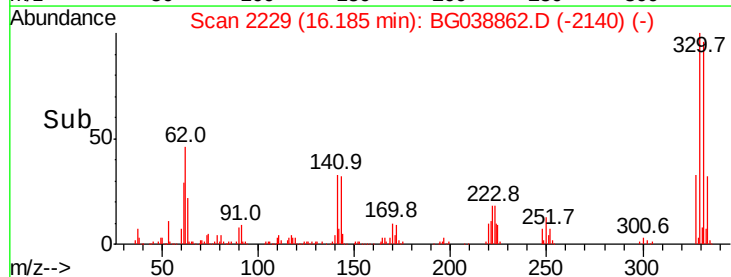
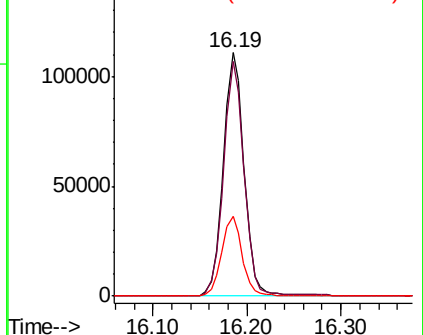
141 32.5 28.8 43.2

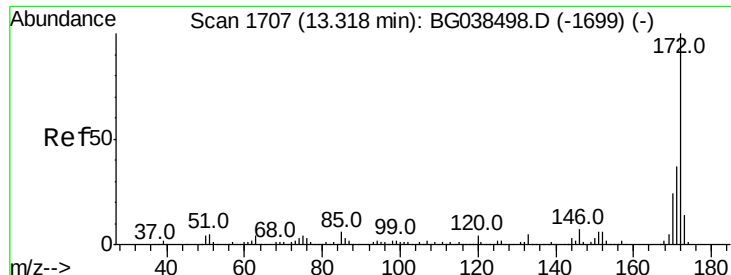


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

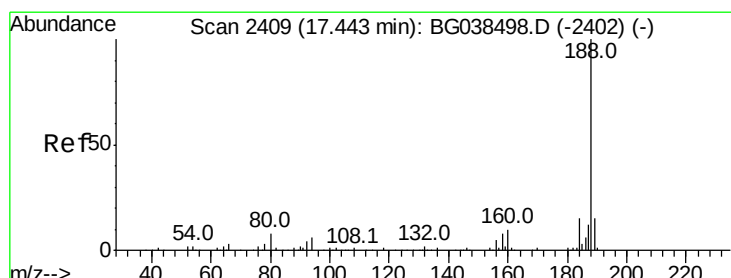
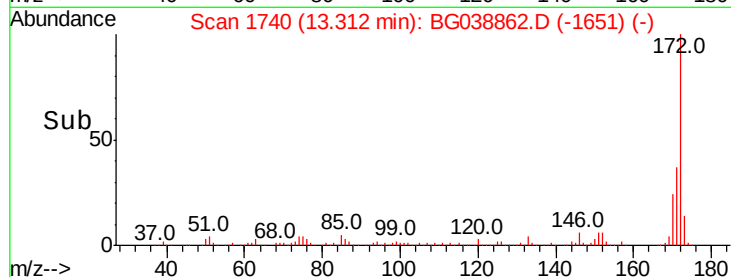
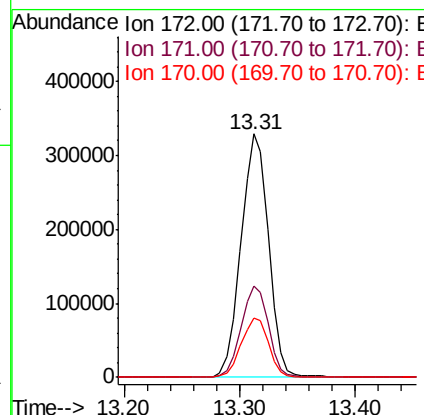
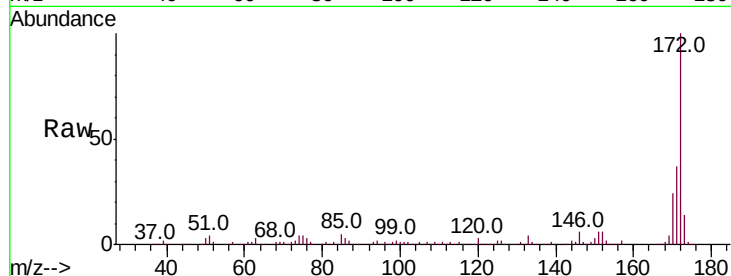




#45
2-Fluorobiphenyl
Concen: 97.307 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038862.D
Acq: 28 Dec 2018 5:08

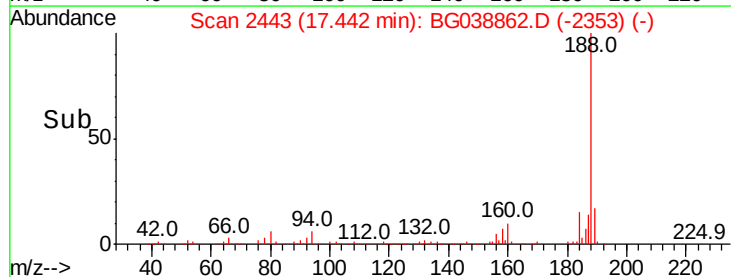
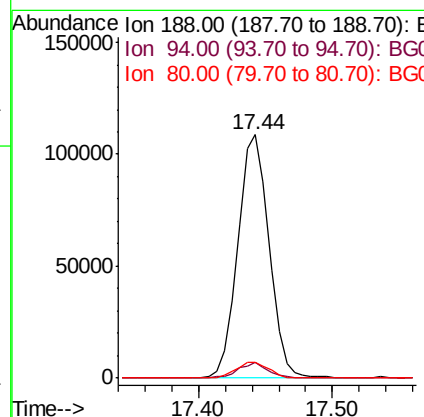
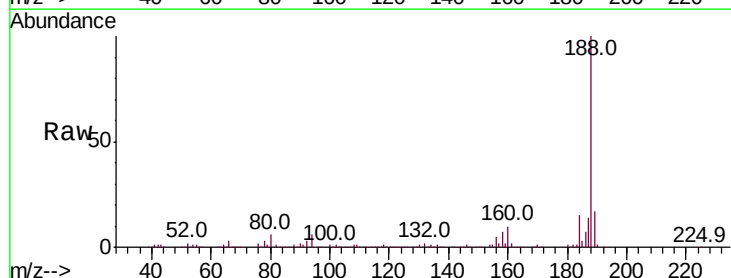
Instrument :
BNA_G
ClientSampleId :
MWRV-6

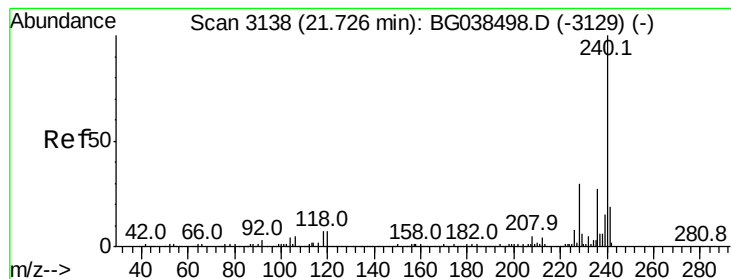
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.3	19.5	29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038862.D
Acq: 28 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.1	7.7
80	6.4	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: BG038862.D

Acq: 28 Dec 2018 5:08

Instrument :

BNA_G

ClientSampled :

MWRV-6

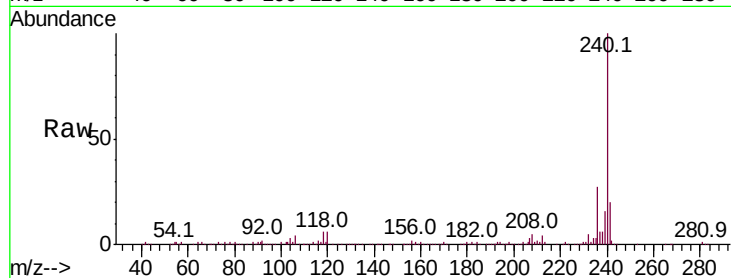
Tot Ion:240 Resp: 185923

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

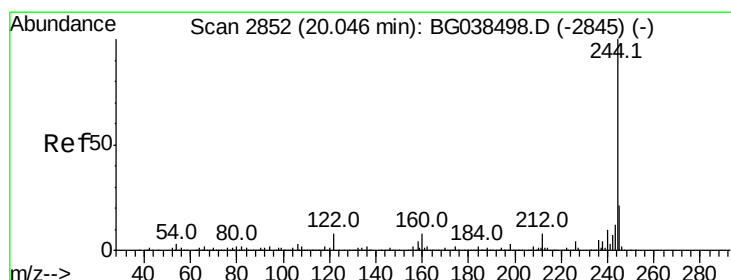
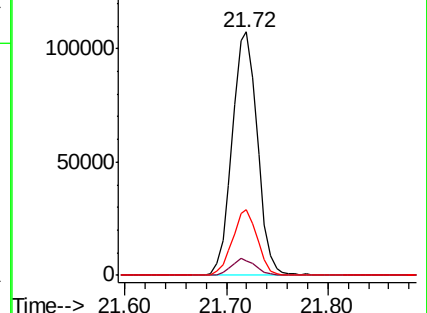
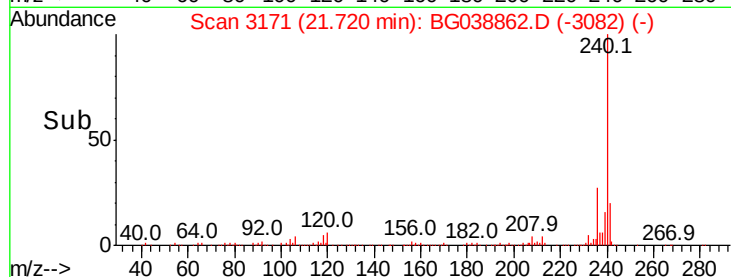
236 26.8 21.4 32.2



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: 105.473 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038862.D

Acq: 28 Dec 2018 5:08

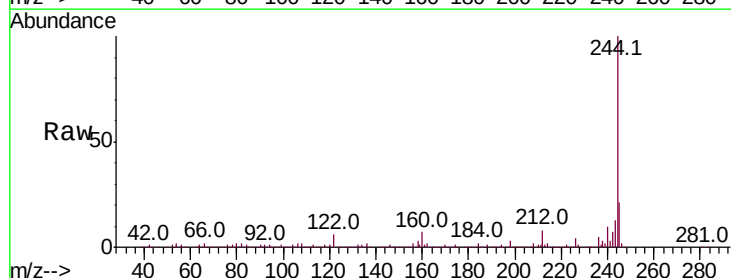
Tgt Ion:244 Resp: 901054

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

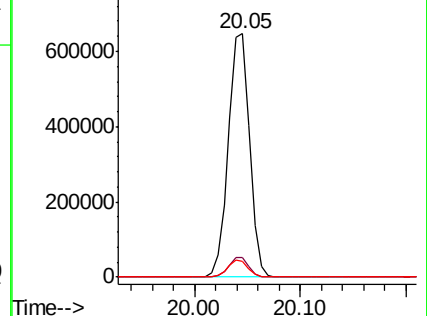
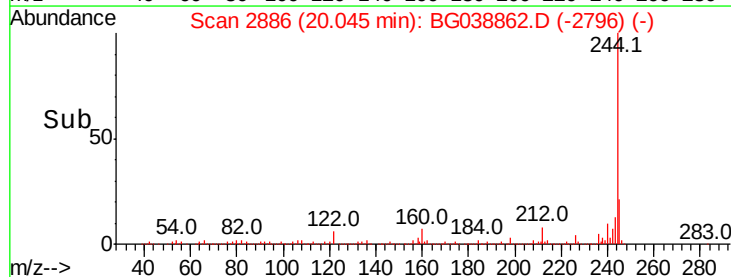
122 6.4 6.3 9.5

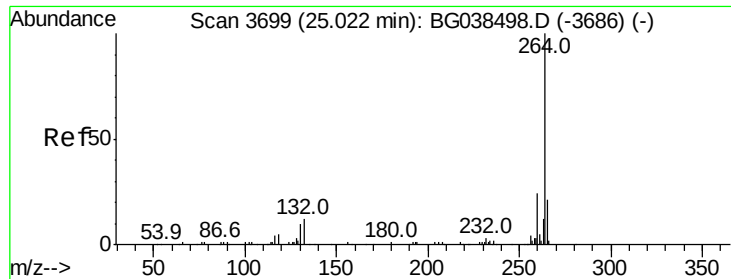


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038862.D
Acq: 28 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
MWRV-6

Tot Ion:	264	Resp:	201509
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.1	17.0	25.4

