

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
 Data File : BG038557.D
 Acq On : 14 Dec 2018 7:10
 Operator : JU/SJ
 Sample : J6331-36
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Dec 14 07:56:13 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

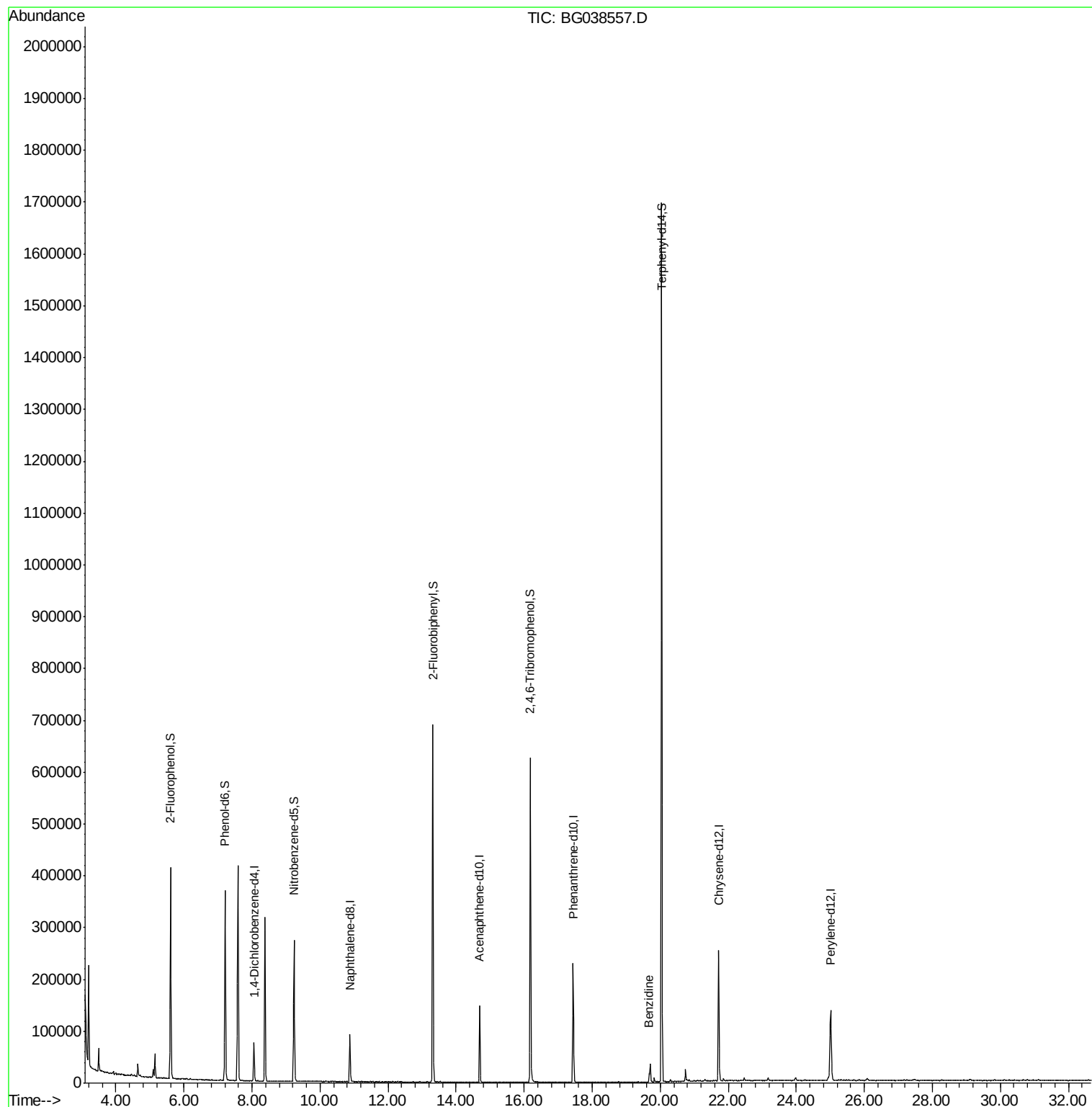
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20740	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84673	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	55717	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152105	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161195	20.00	ng	0.00
87) Perylene-d12	25.01	264	170813	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	171209	146.42	ng	0.00
7) Phenol-d6	7.21	99	207065	128.99	ng	0.00
23) Nitrobenzene-d5	9.23	82	166669	100.56	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	125623	163.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	382924	94.28	ng	0.00
79) Terphenyl-d14	20.04	244	816302	110.21	ng	0.00
Target Compounds						
77) Benzidine	19.68	184	19683	4.129	ng	Qvalue 98

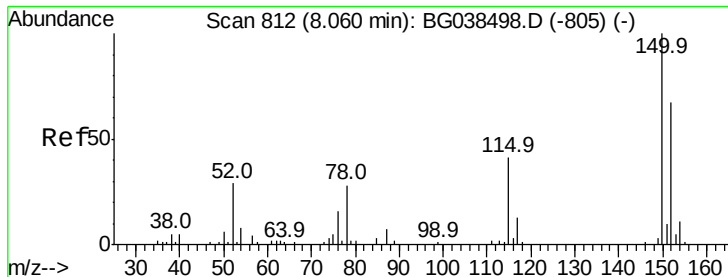
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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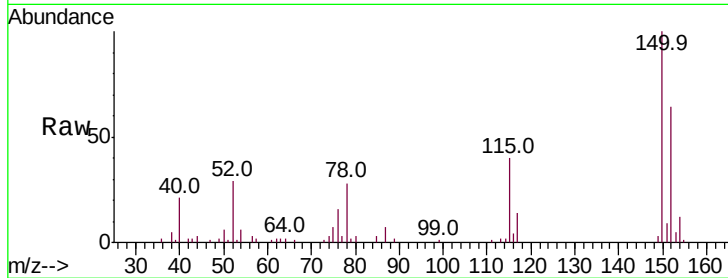


#1

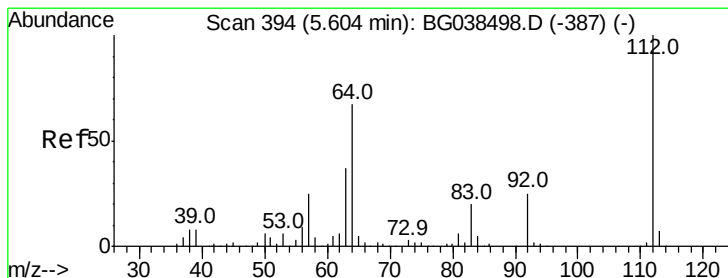
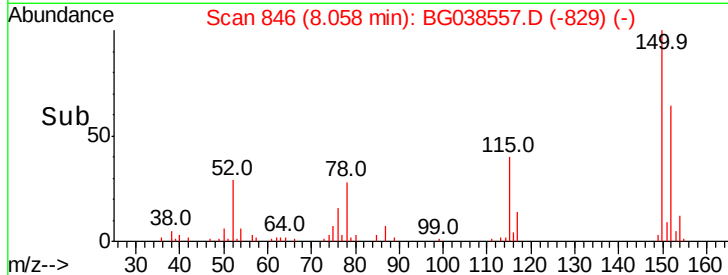
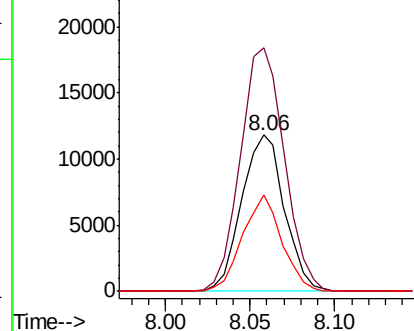
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038557.D
Acq: 14 Dec 2018 7:10

Instrument :
BNA_G
ClientSampleId :
TP-6

Tot Ion:152 Resp: 20740
Ion Ratio Lower Upper
152 100
150 155.7 119.5 179.3
115 61.8 49.6 74.4



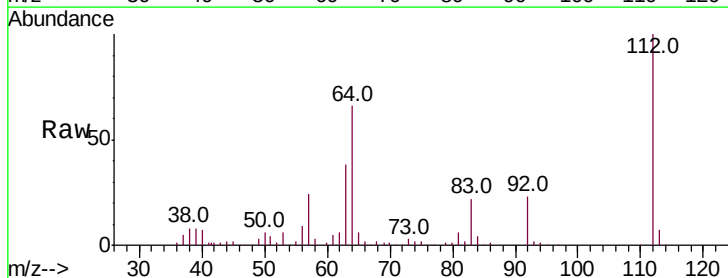
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



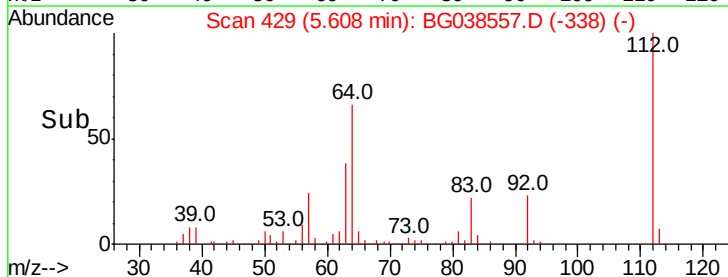
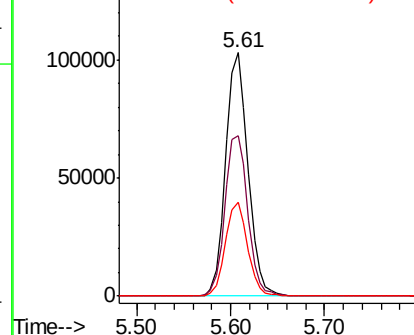
#5

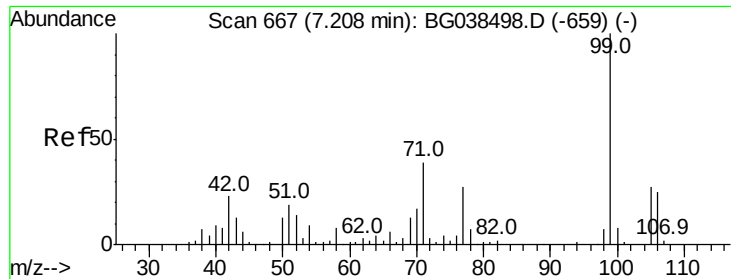
2-Fluorophenol
Concen: 146.415 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038557.D
Acq: 14 Dec 2018 7:10

Tgt Ion:112 Resp: 171209
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 38.3 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: 128.990 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038557.D

Acq: 14 Dec 2018 7:10

Instrument :

BNA_G

ClientSampled :

TP-6

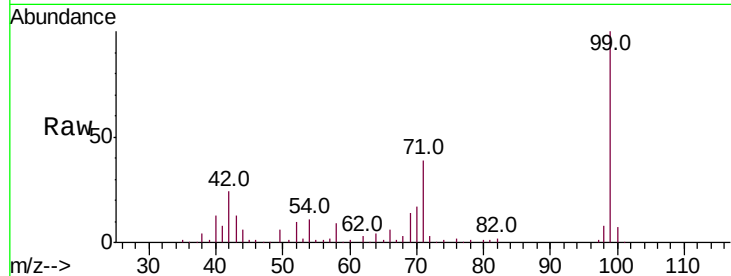
Tot Ion: 99 Resp: 207065

Ion Ratio Lower Upper

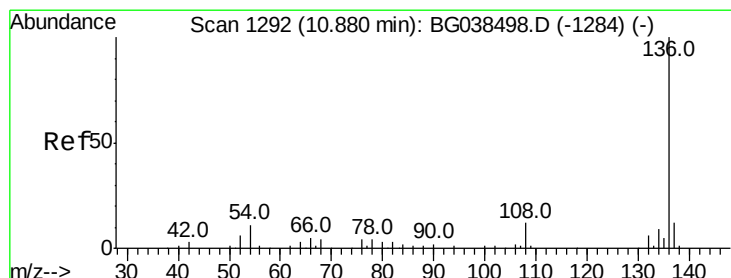
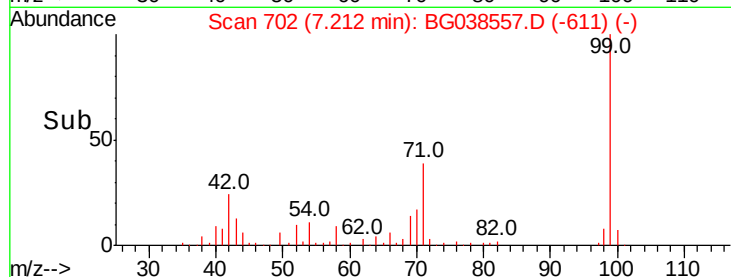
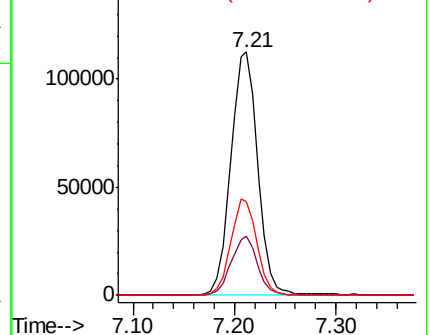
99 100

42 24.3 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: BG038557.D

Acq: 14 Dec 2018 7:10

Tgt Ion:136 Resp: 84673

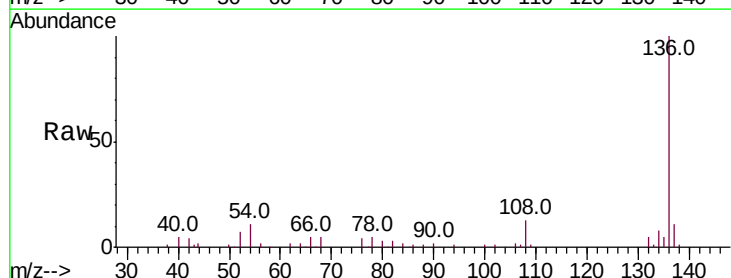
Ion Ratio Lower Upper

136 100

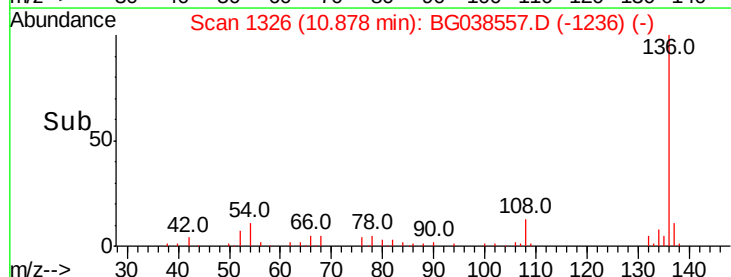
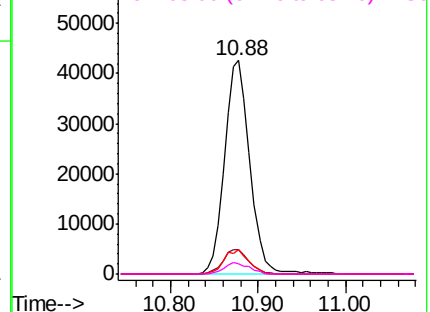
137 11.3 9.3 13.9

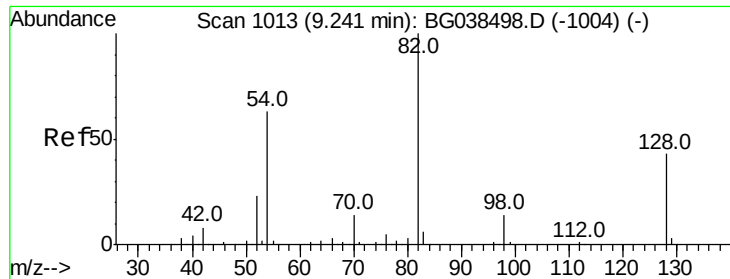
54 11.3 8.5 12.7

68 4.6 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

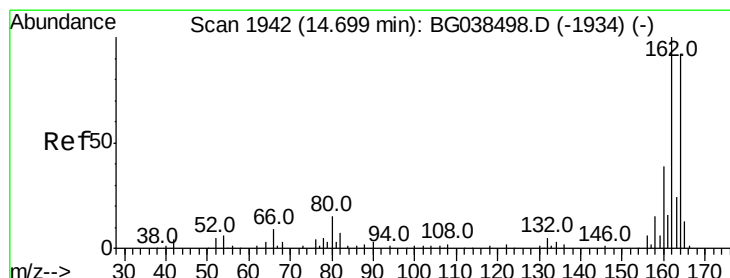
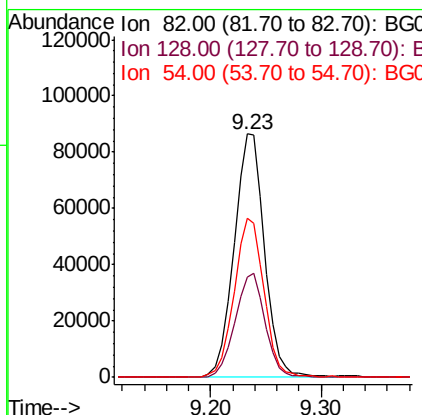
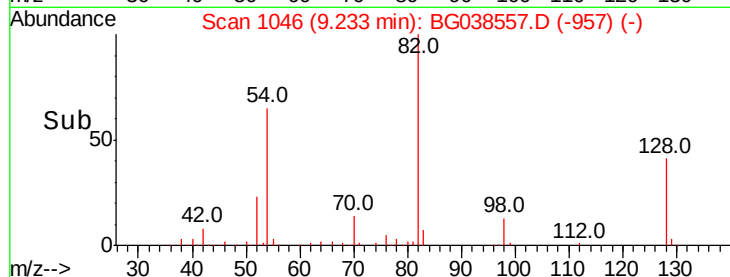
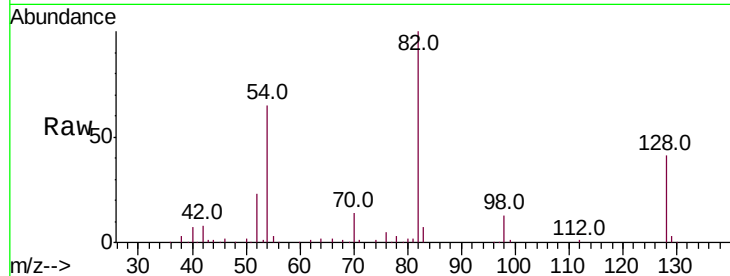




#23
 Nitrobenzene-d5
 Concen: 100.559 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038557.D
 Acq: 14 Dec 2018 7:10

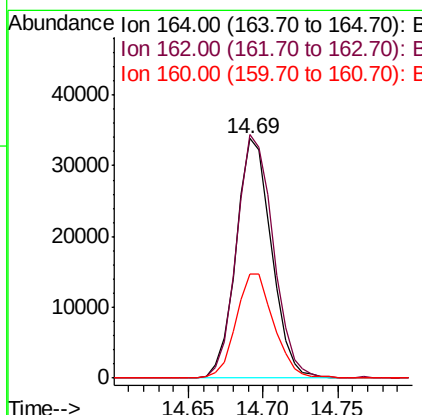
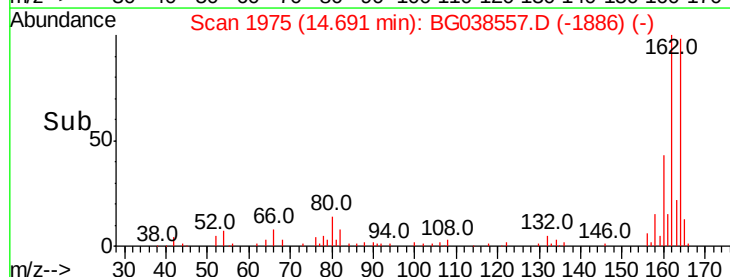
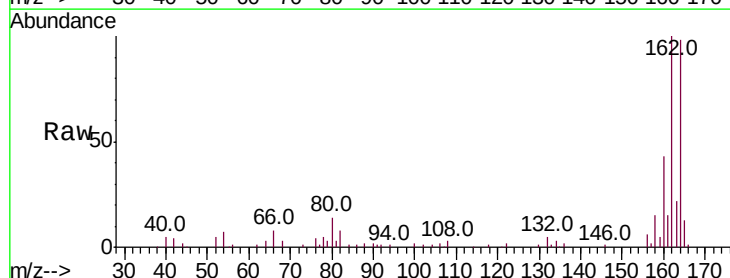
Instrument :
 BNA_G
 ClientSampleID :
 TP-6

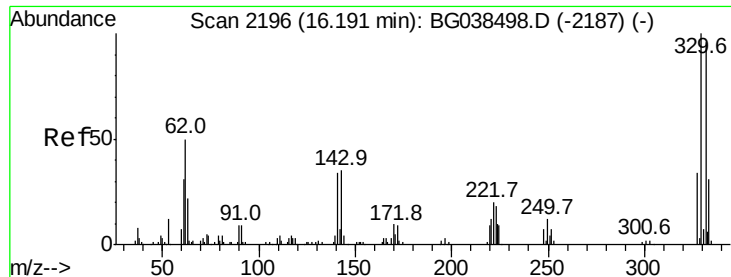
Tot Ion: 82 Resp: 166669
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 65.5 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038557.D
 Acq: 14 Dec 2018 7:10

Tgt Ion:164 Resp: 55717
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.6 130.0
 160 43.6 34.2 51.2

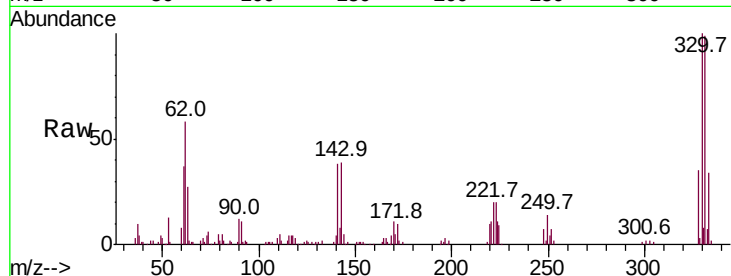




#42
 2,4,6-Tribromophenol
 Concen: 163.597 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038557.D
 Acq: 14 Dec 2018 7:10

Instrument :
 BNA_G
 ClientSampled :
 TP-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	37.4	28.8	43.2

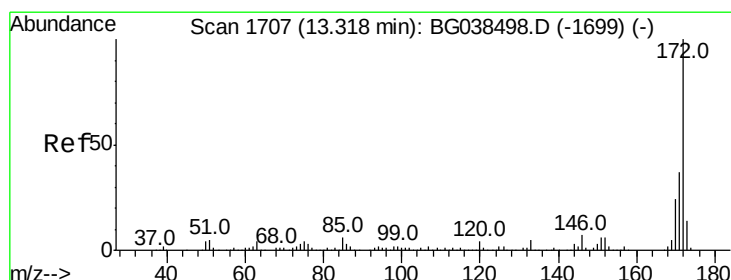
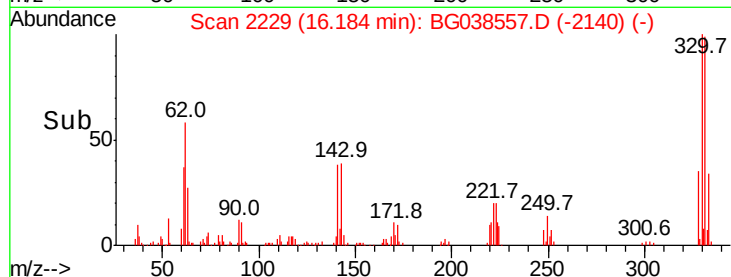
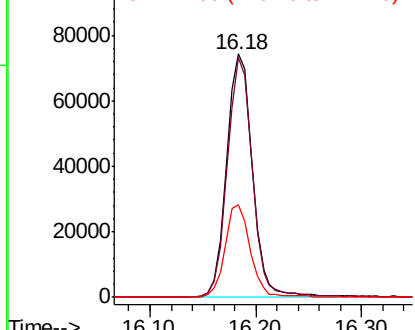


Abundance

Ion 329.80 (329.50 to 330.50): E

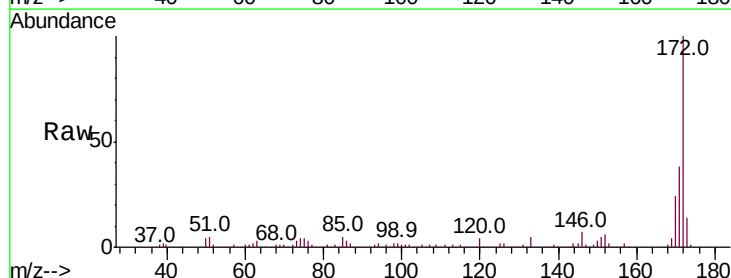
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.282 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038557.D
 Acq: 14 Dec 2018 7:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	23.5	19.5	29.3

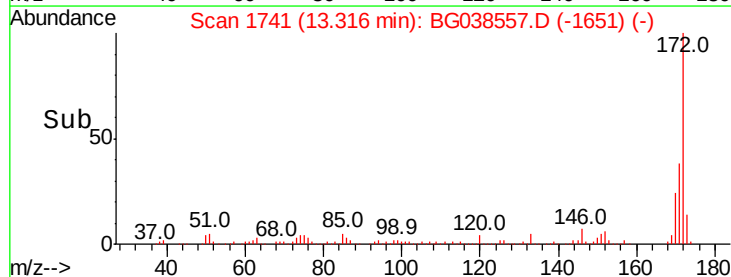
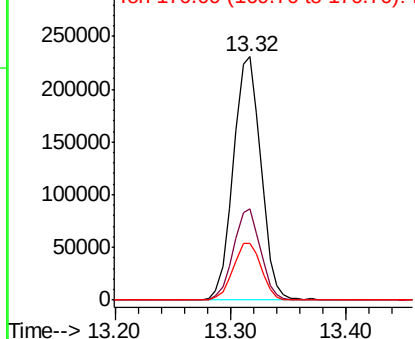


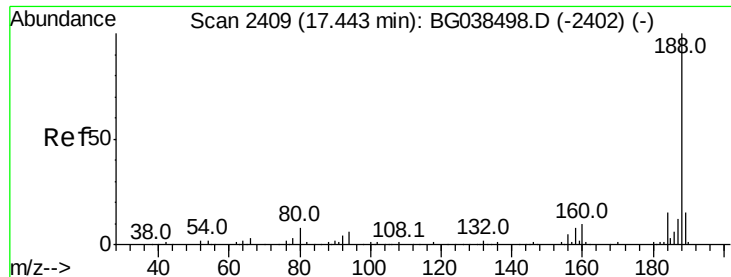
Abundance

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

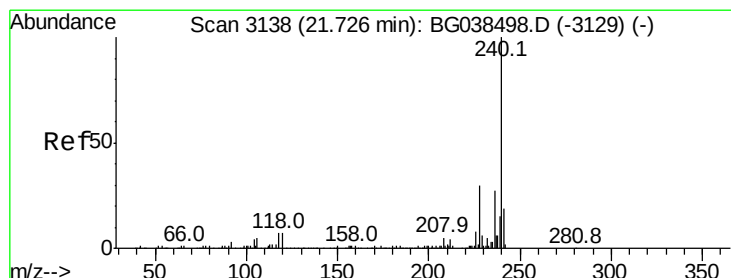
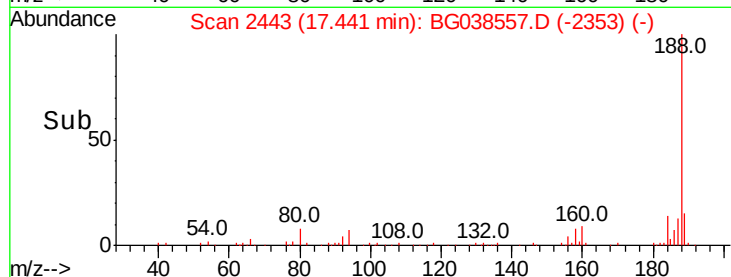
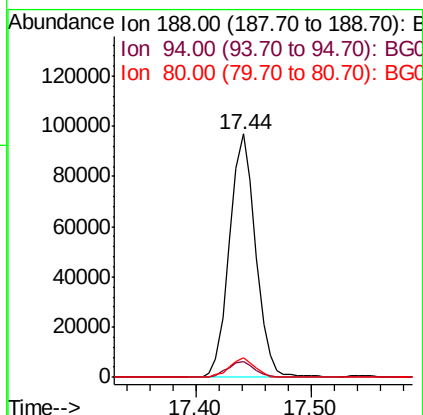
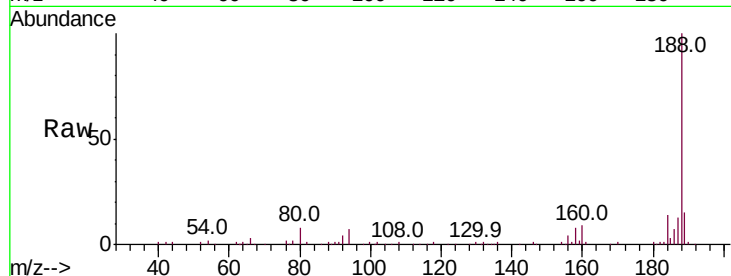




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038557.D
Acq: 14 Dec 2018 7:10

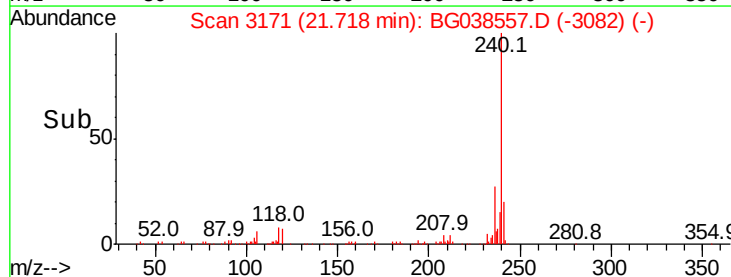
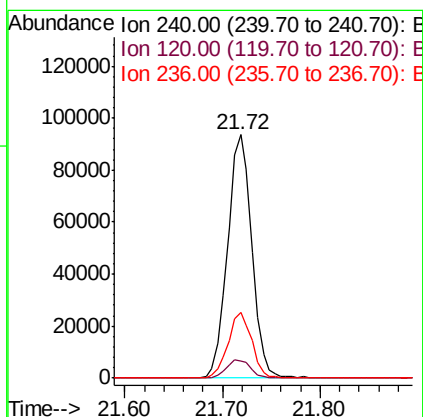
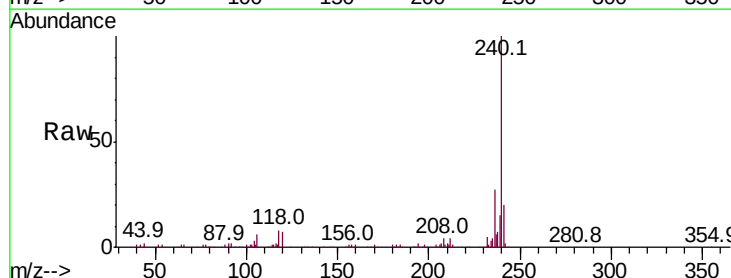
Instrument :
BNA_G
ClientSampleId :
TP-6

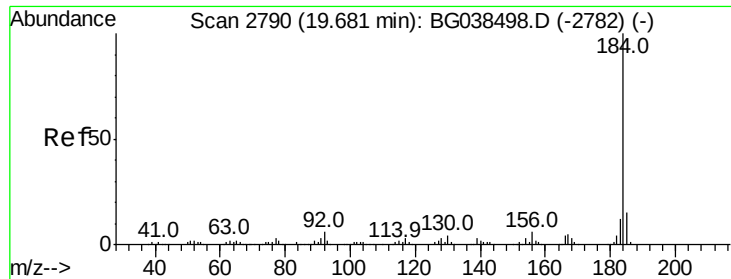
Tot Ion:188 Resp: 152105
Ion Ratio Lower Upper
188 100
94 6.6 5.1 7.7
80 8.1 6.1 9.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038557.D
Acq: 14 Dec 2018 7:10

Tgt Ion:240 Resp: 161195
Ion Ratio Lower Upper
240 100
120 7.1 5.3 7.9
236 26.9 21.4 32.2





#77

Benzidine

Concen: 4.129 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038557.D

Acq: 14 Dec 2018 7:10

Instrument :

BNA_G

ClientSampleId :

TP-6

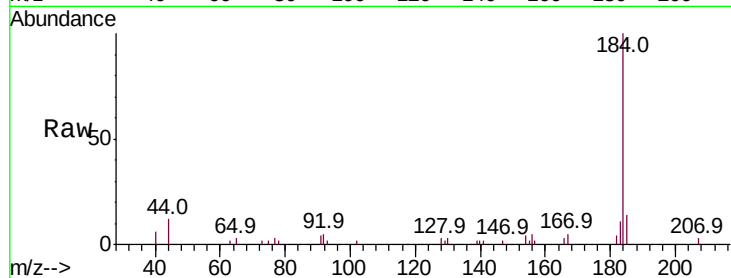
Tot Ion:184 Resp: 19683

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

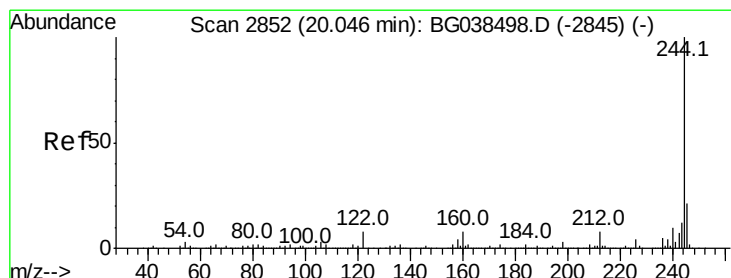
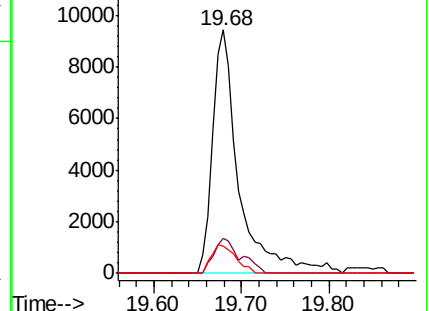
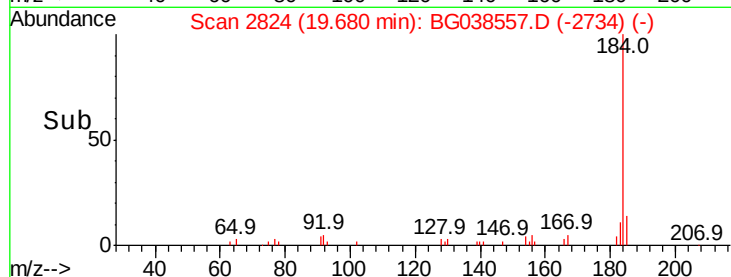
183 11.1 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 110.211 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038557.D

Acq: 14 Dec 2018 7:10

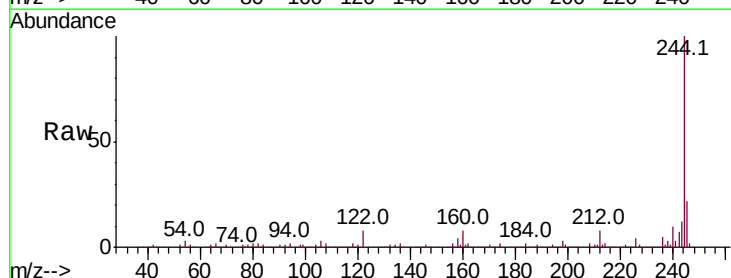
Tgt Ion:244 Resp: 816302

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

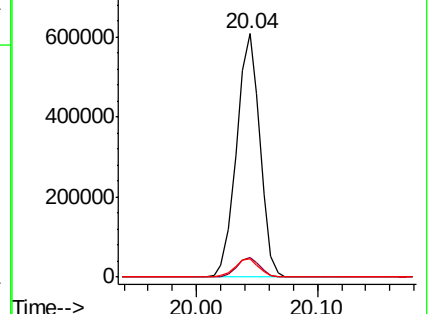
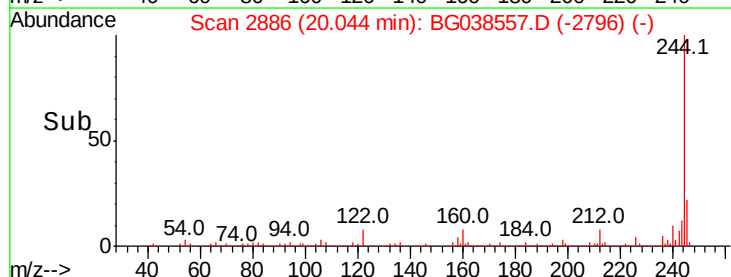
122 7.6 6.3 9.5

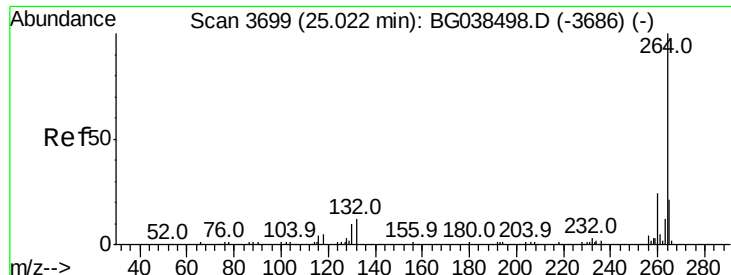


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

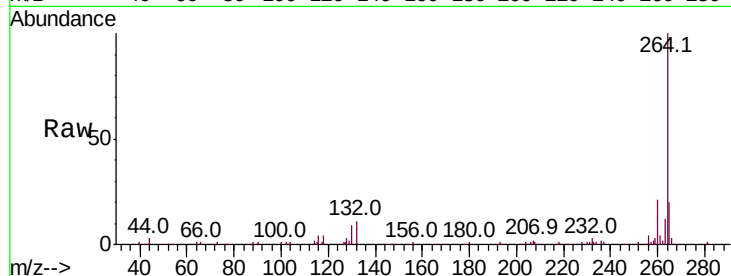




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG038557.D
 Acq: 14 Dec 2018 7:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.9	18.9	28.3
265	19.6	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

