

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042738.D
 Acq On : 6 Sep 2019 3:41
 Operator : HP/JU
 Sample : K4680-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T3-1-4-(0-1.5)

Quant Time: Sep 06 07:50:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33664	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	117689	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	83337	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	200735	20.00	ng	0.00
76) Chrysene-d12	21.69	240	244086	20.00	ng	0.00
87) Perylene-d12	24.94	264	288078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	183727	110.53	ng	0.00
7) Phenol-d6	7.16	99	207559	92.44	ng	0.00
23) Nitrobenzene-d5	9.17	82	154276	90.59	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	176791	149.25	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	507297	102.95	ng	0.00
79) Terphenyl-d14	20.02	244	1115320	98.79	ng	0.00

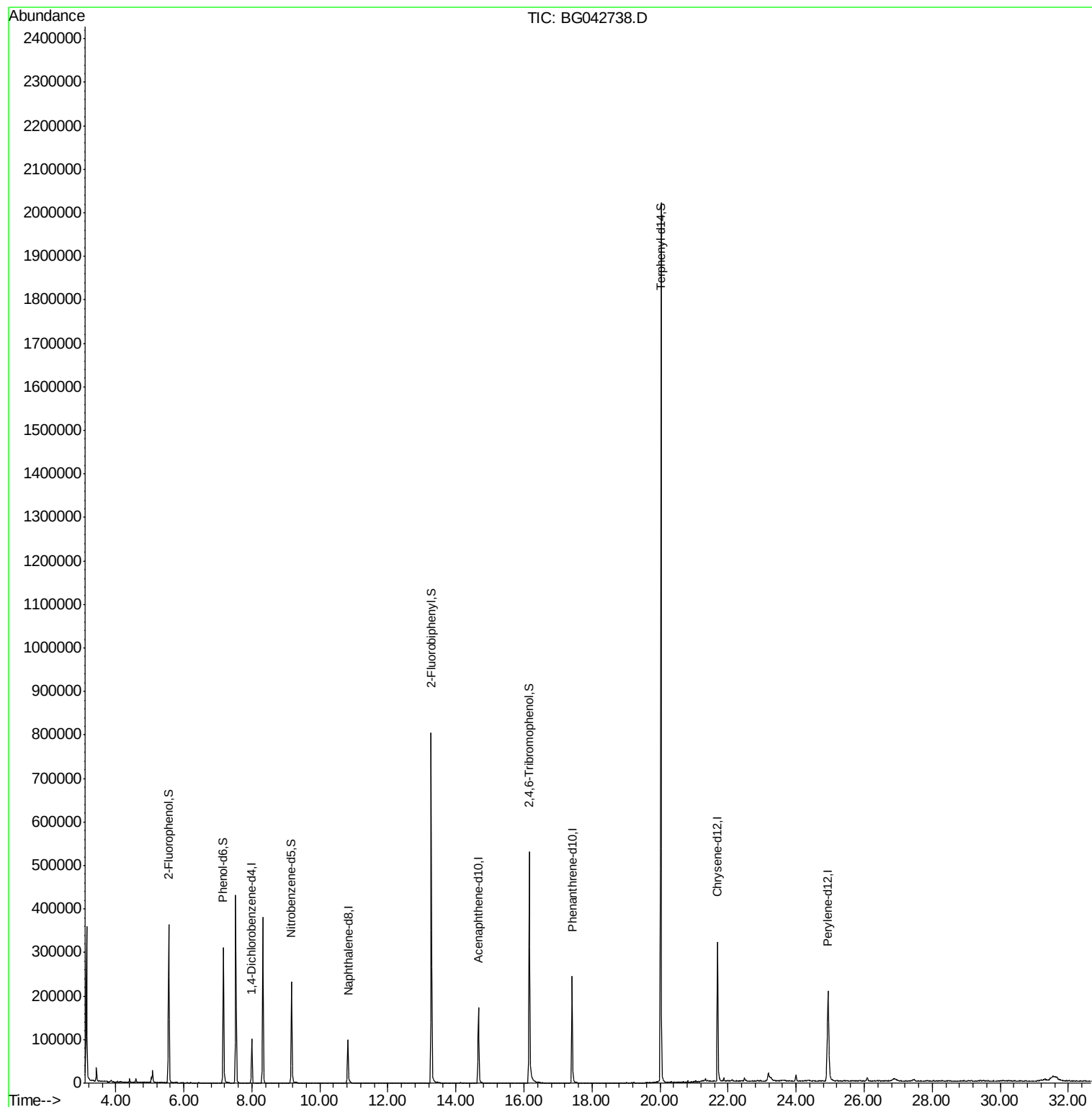
Target Compounds Qvalue

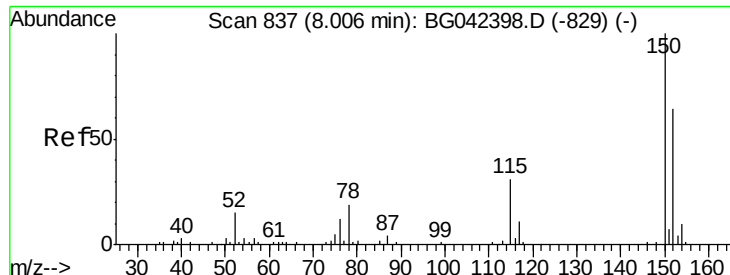
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042738.D
Acq On : 6 Sep 2019 3:41
Operator : HP/JU
Sample : K4680-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T3-1-4-(0-1.5)

Quant Time: Sep 06 07:50:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



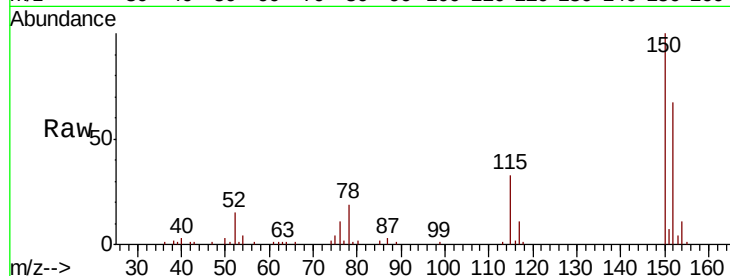


#1

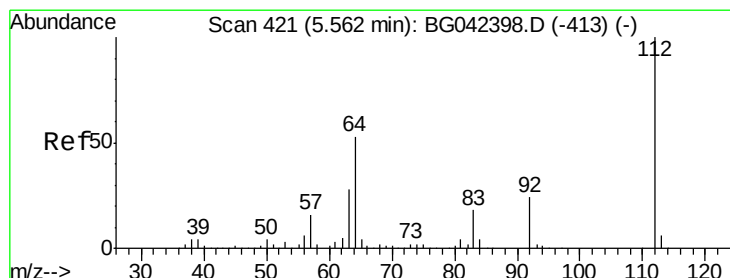
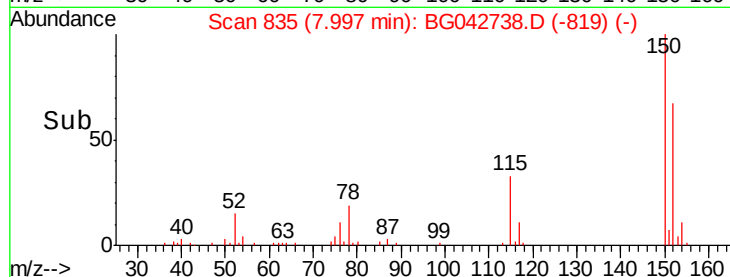
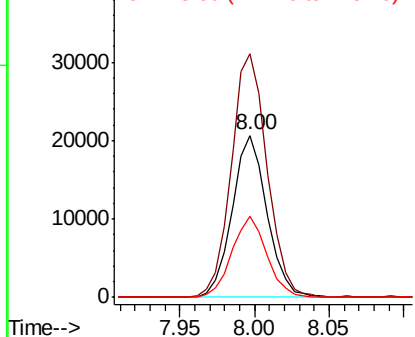
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042738.D
Acq: 6 Sep 2019 3:41

Instrument :
BNA_G
ClientSampleId :
T3-1-4-(0-1.5)

Tot Ion:152 Resp: 33664
Ion Ratio Lower Upper
152 100
150 150.2 125.4 188.0
115 50.3 38.5 57.7



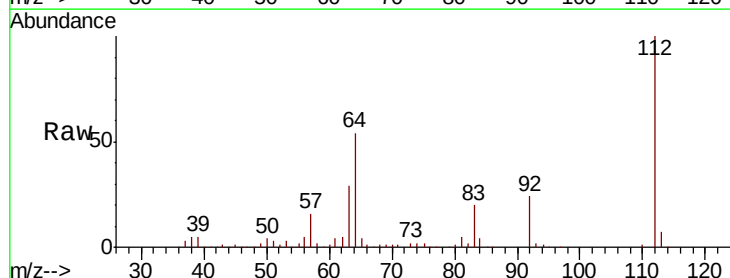
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



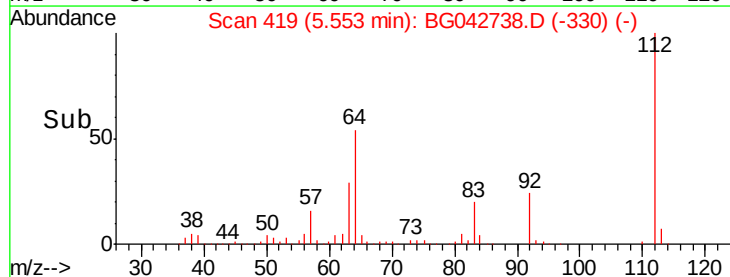
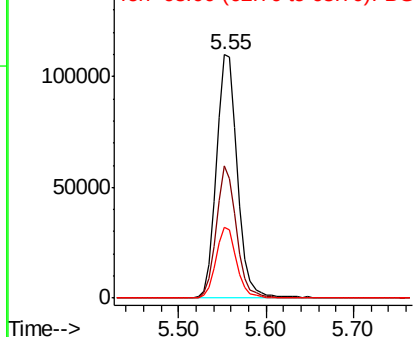
#5

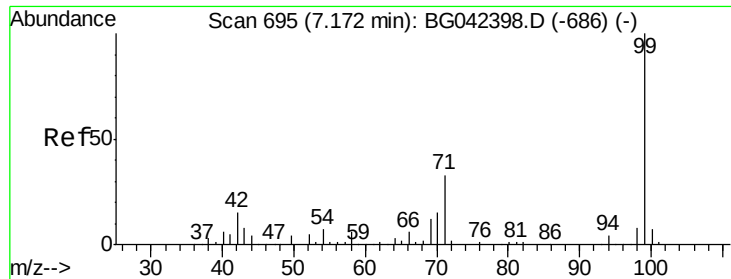
2-Fluorophenol
Concen: 110.534 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042738.D
Acq: 6 Sep 2019 3:41

Tgt Ion:112 Resp: 183727
Ion Ratio Lower Upper
112 100
64 54.1 42.8 64.2
63 28.9 22.7 34.1



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: 92.444 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Instrument :

BNA_G

ClientSampleId :

T3-1-4-(0-1.5)

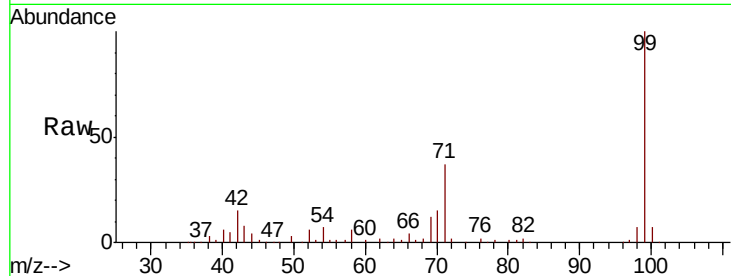
Tot Ion: 99 Resp: 207559

Ion Ratio Lower Upper

99 100

42 15.4 12.0 18.0

71 36.7 26.3 39.5

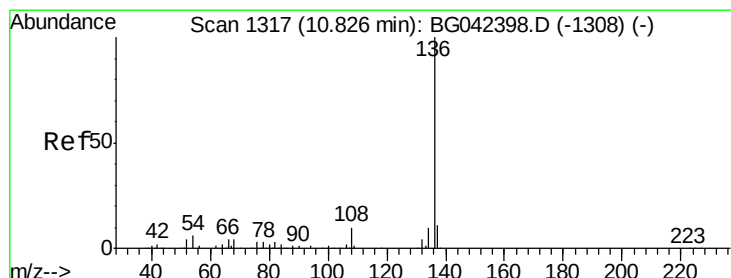
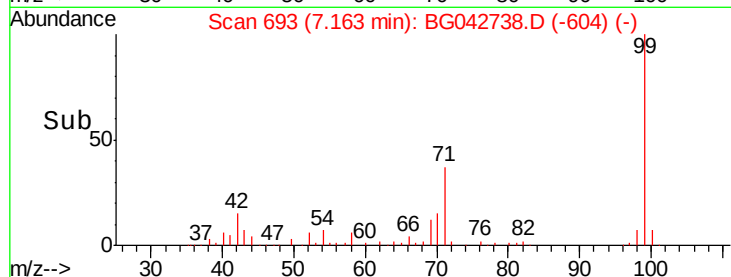
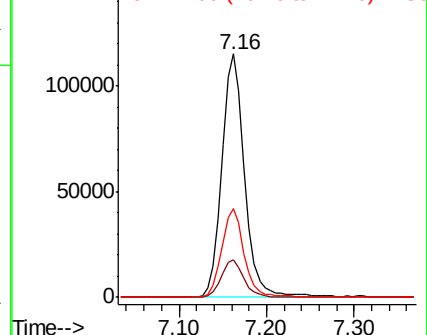


Abundance

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: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Tgt Ion: 136 Resp: 117689

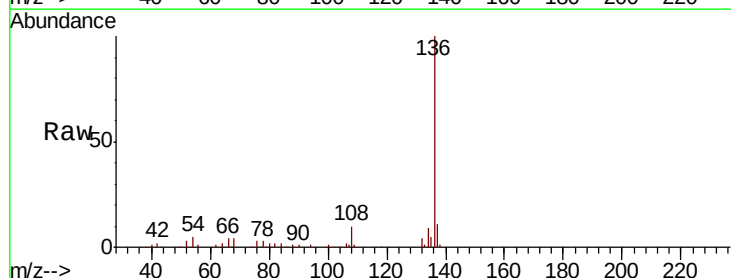
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 4.9 4.9 7.3

68 3.7 3.6 5.4



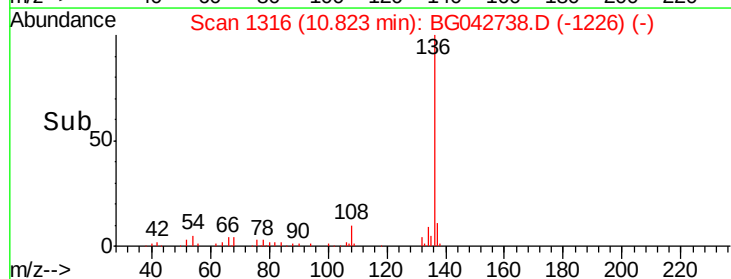
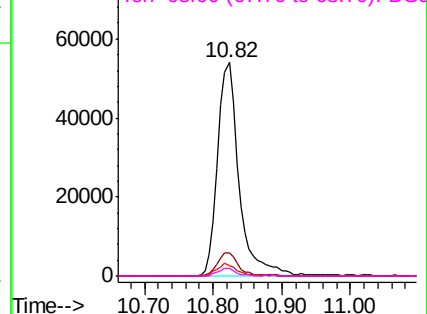
Abundance

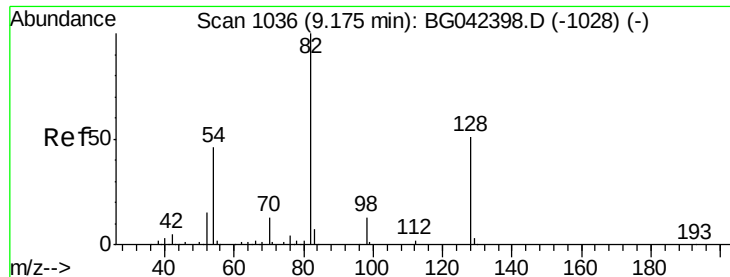
Ion 136.00 (135.70 to 136.70): BGC

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

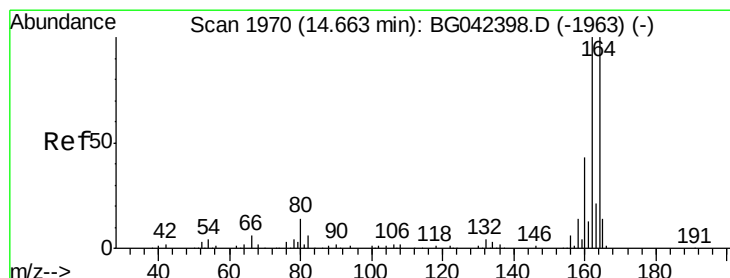
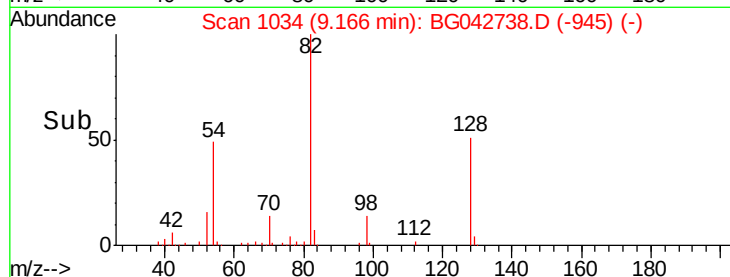
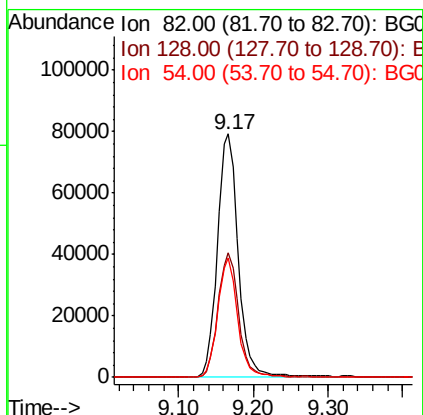
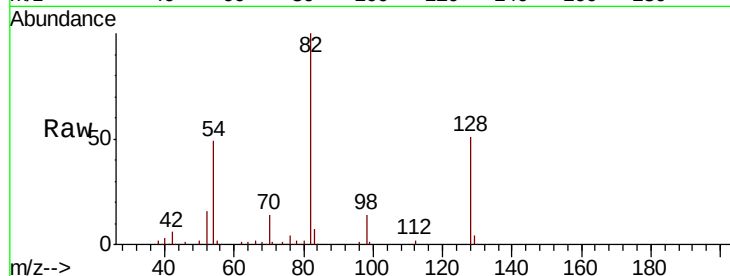




#23
 Nitrobenzene-d5
 Concen: 90.587 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042738.D
 Acq: 6 Sep 2019 3:41

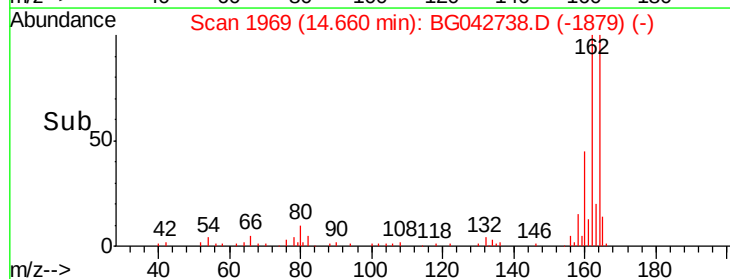
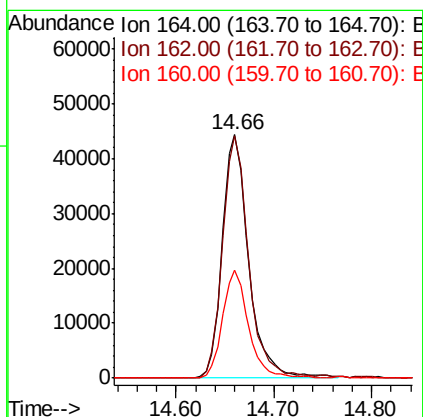
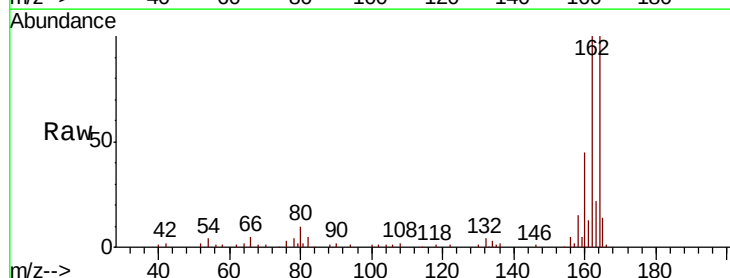
Instrument :
 BNA_G
 ClientSampleId :
 T3-1-4-(0-1.5)

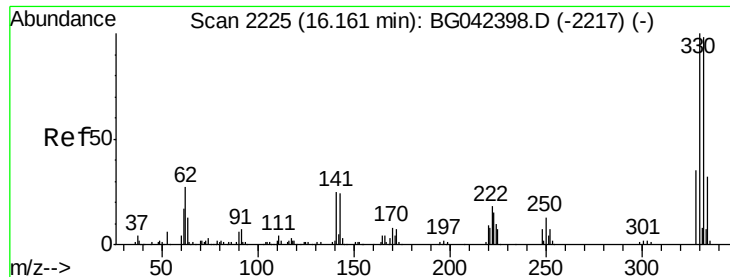
Tot Ion	82	Resp	154276
Ion Ratio	Lower	Upper	
82	100		
128	50.9	40.7	61.1
54	49.1	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG042738.D
 Acq: 6 Sep 2019 3:41

Tgt Ion	164	Resp	83337
Ion Ratio	Lower	Upper	
164	100		
162	99.7	79.9	119.9
160	44.5	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 149.254 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Instrument :

BNA_G

ClientSampleId :

T3-1-4-(0-1.5)

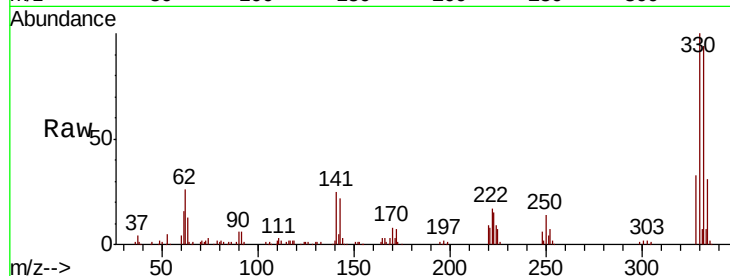
Tot Ion:330 Resp: 176791

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

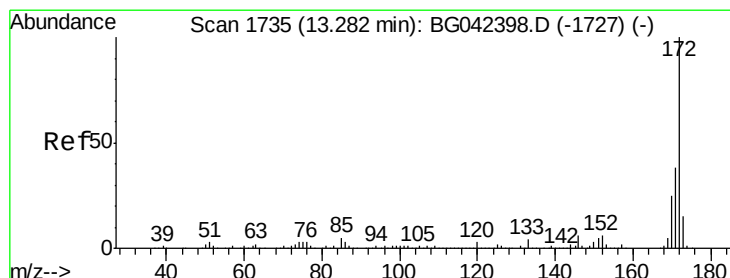
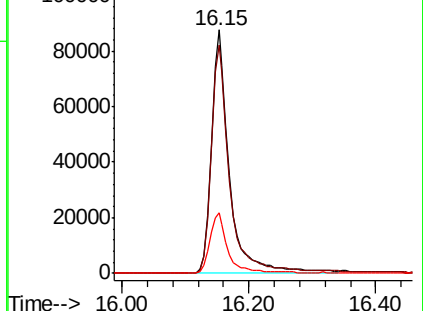
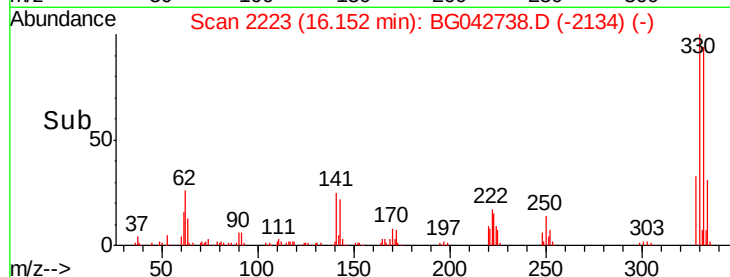
141 25.2 21.4 32.0



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: 102.953 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

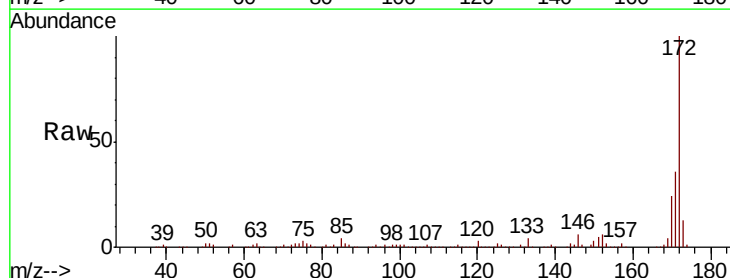
Tgt Ion:172 Resp: 507297

Ion Ratio Lower Upper

172 100

171 36.3 30.5 45.7

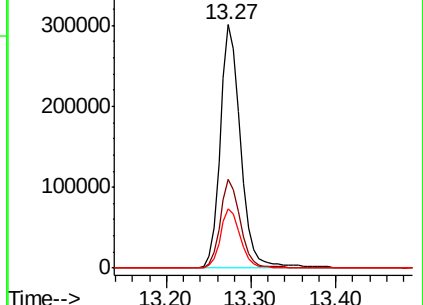
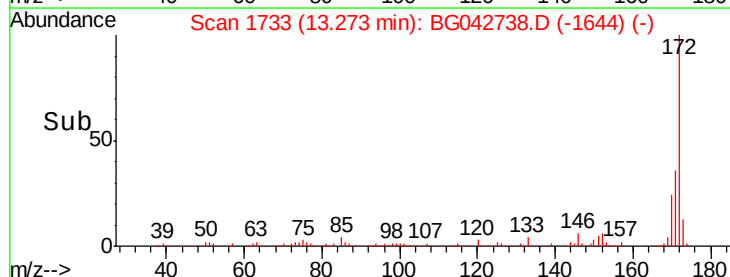
170 24.2 20.2 30.2

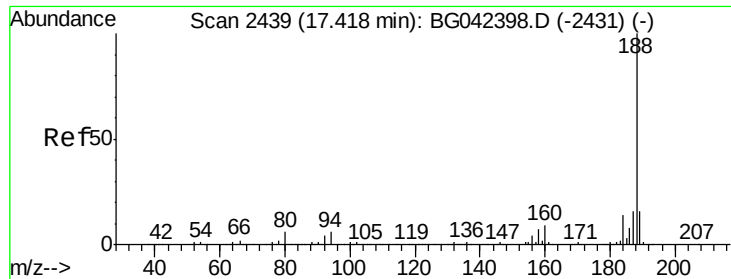


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Instrument :

BNA_G

ClientSampleId :

T3-1-4-(0-1.5)

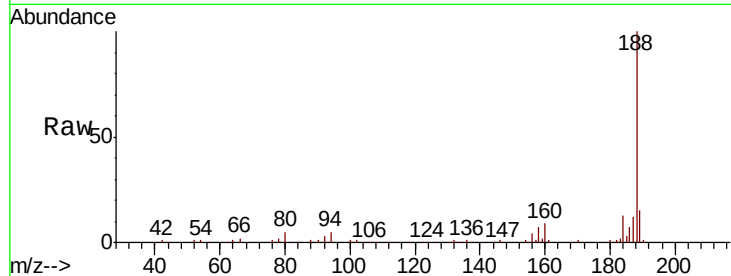
Tot Ion:188 Resp: 200735

Ion Ratio Lower Upper

188 100

94 4.5 4.5 6.7

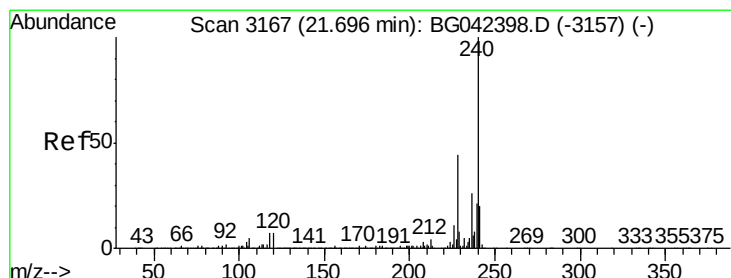
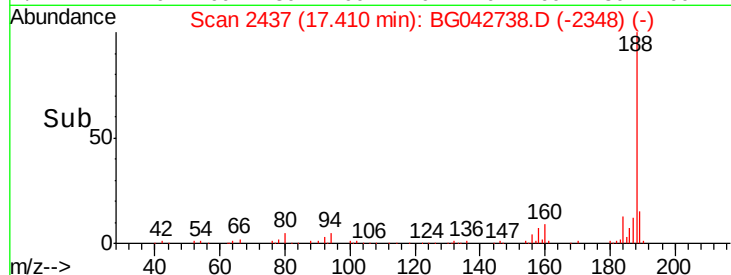
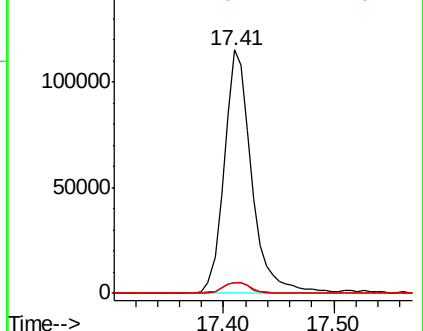
80 4.5 4.9 7.3#



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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

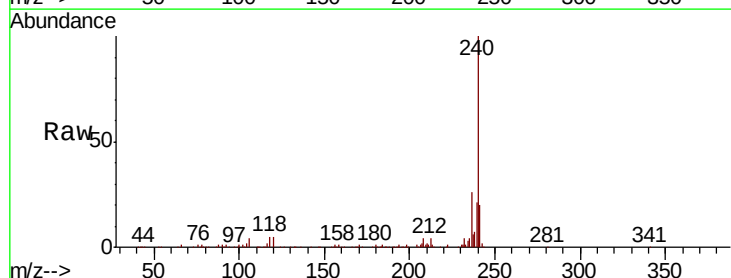
Tgt Ion:240 Resp: 244086

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

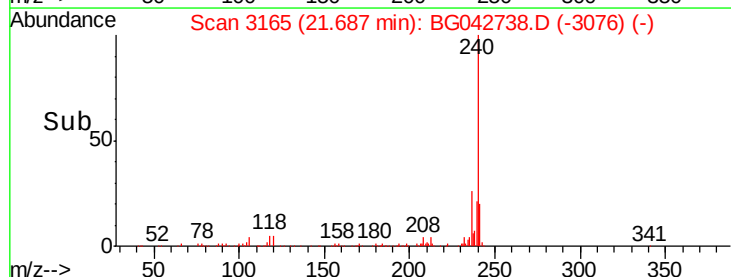
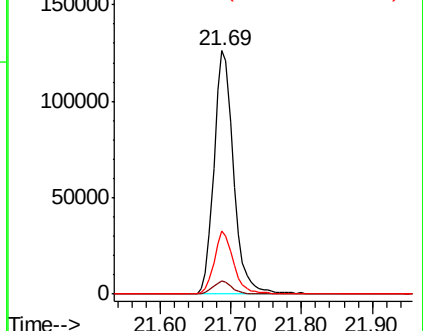
236 25.8 21.0 31.4

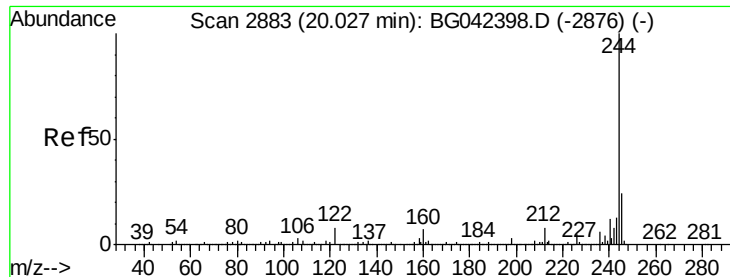


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.786 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Instrument :

BNA_G

ClientSampleId :

T3-1-4-(0-1.5)

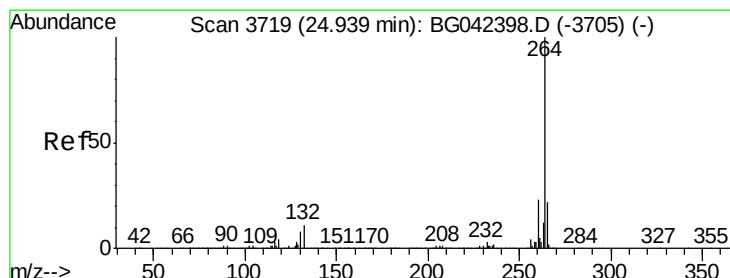
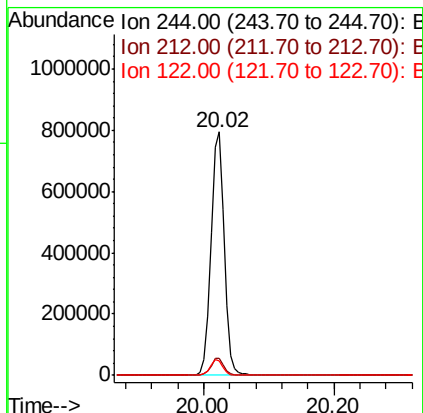
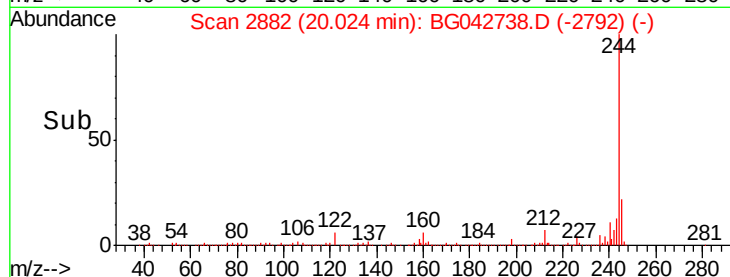
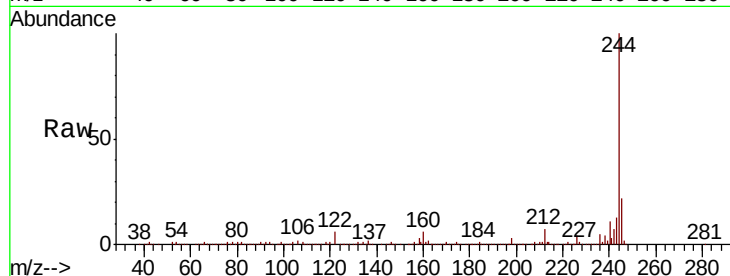
Tot Ion:244 Resp: 1115320

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 6.1 6.7 10.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042738.D

Acq: 6 Sep 2019 3:41

Tgt Ion:264 Resp: 288078

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.7 17.6 26.4

