

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038003.D
 Acq On : 14 Nov 2018 18:59
 Operator : JU/SJ
 Sample : J5925-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6S

Quant Time: Nov 15 01:02:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

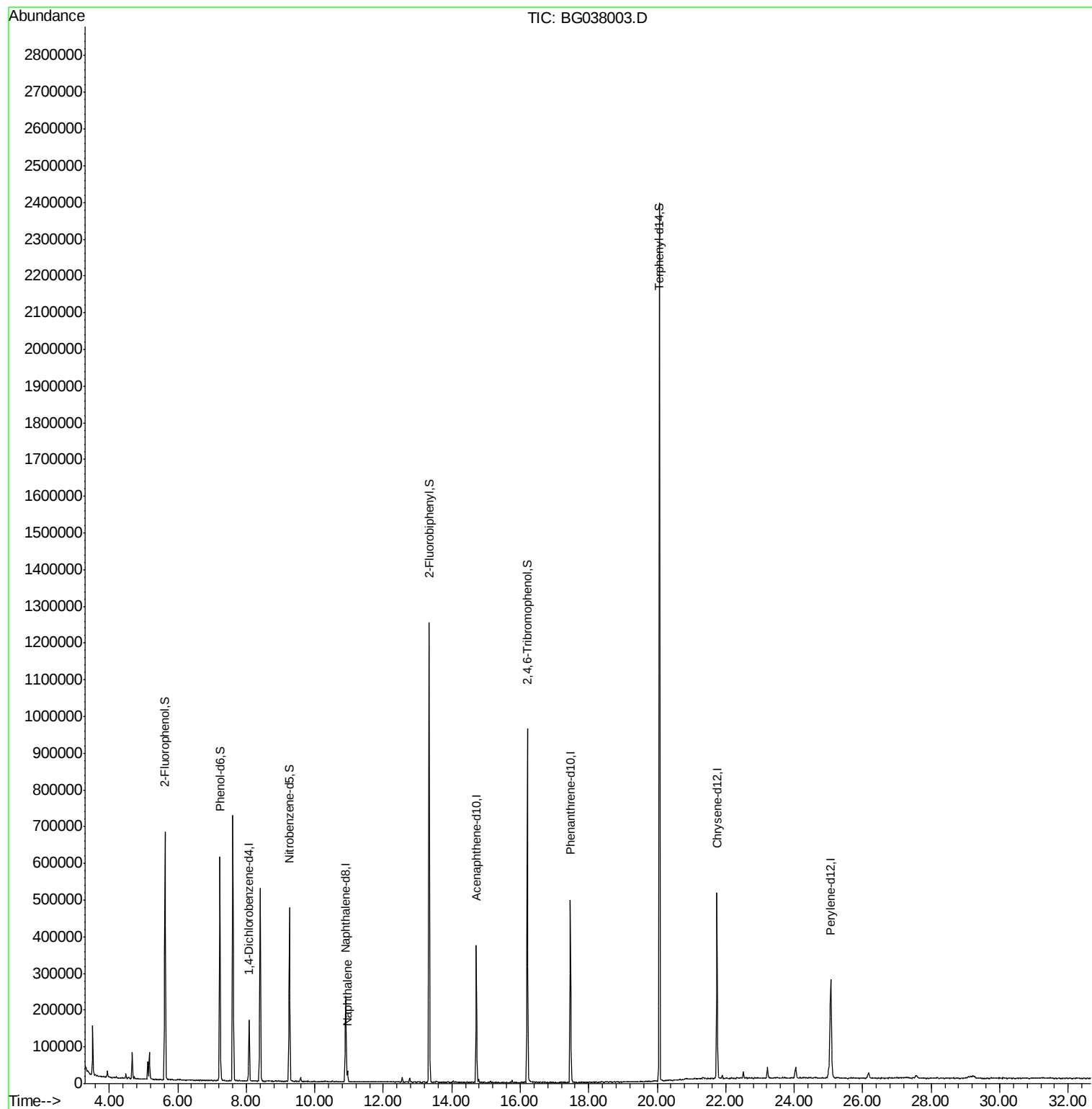
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49828	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	207451	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	131837	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	319474	20.00	ng	0.00
76) Chrysene-d12	21.74	240	308296	20.00	ng	-0.01
87) Perylene-d12	25.06	264	310333	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	310269	107.51	ng	0.00
7) Phenol-d6	7.23	99	389707	94.60	ng	0.00
23) Nitrobenzene-d5	9.26	82	308139	79.51	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	172993	115.05	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	682116	75.38	ng	0.00
79) Terphenyl-d14	20.06	244	1141656	87.13	ng	0.00
Target Compounds						
31) Naphthalene	10.96	128	26769	2.624	ng	Qvalue 99

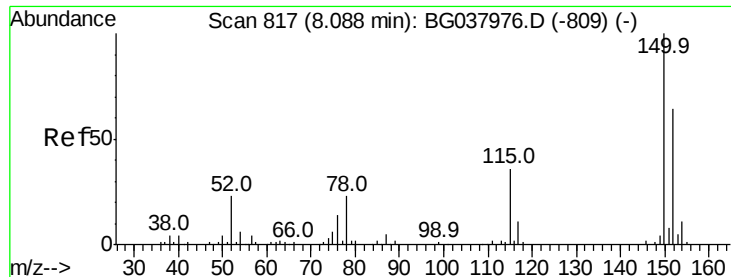
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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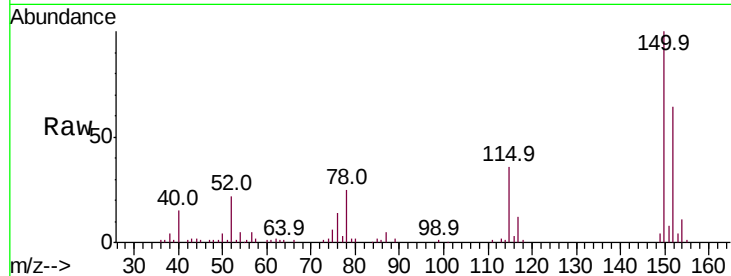


#1

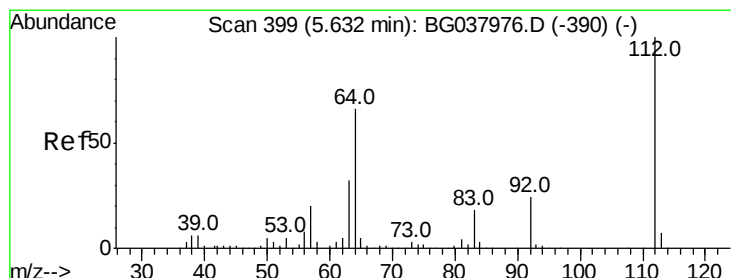
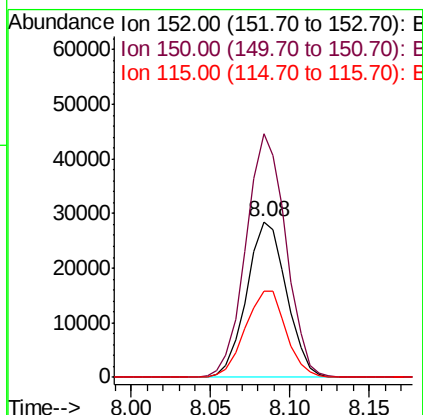
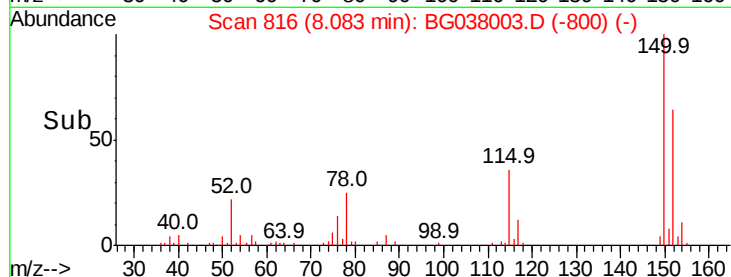
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Instrument :
BNA_G
ClientSampleId :
TP-6S

Tot Ion:152 Resp: 49828
Ion Ratio Lower Upper
152 100
150 156.2 126.0 189.0
115 55.7 45.5 68.3



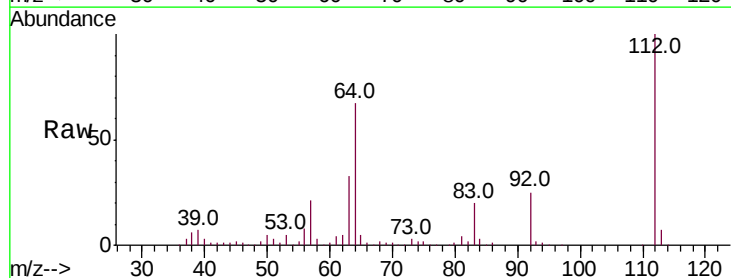
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



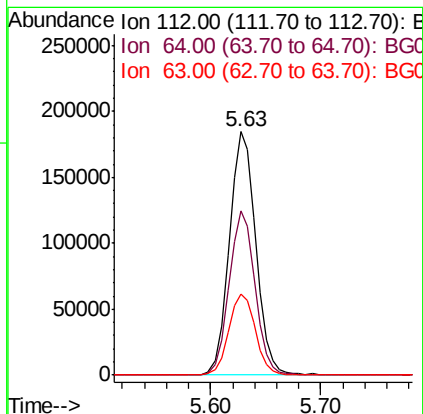
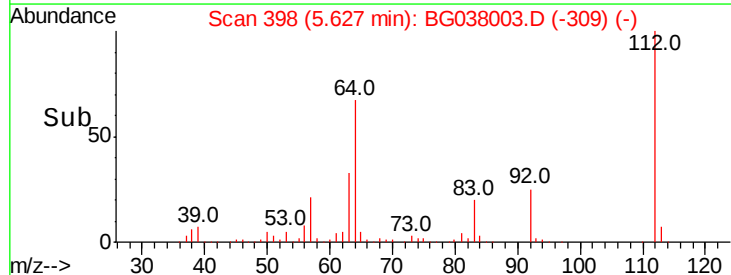
#5

2-Fluorophenol
Concen: 107.510 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Tgt Ion:112 Resp: 310269
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 33.5 27.3 40.9



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: 94.600 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038003.D

Acq: 14 Nov 2018 18:59

Instrument :

BNA_G

ClientSampleId :

TP-6S

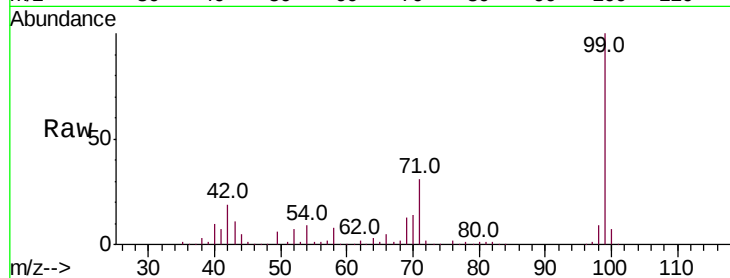
Tot Ion: 99 Resp: 389707

Ion Ratio Lower Upper

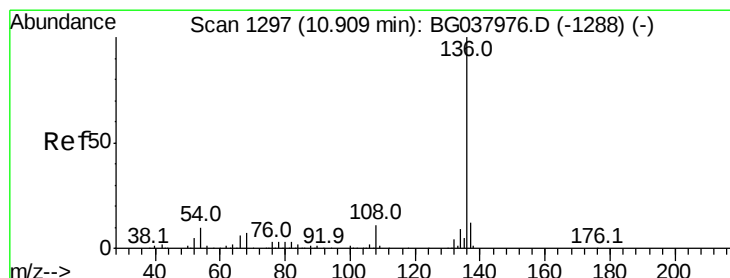
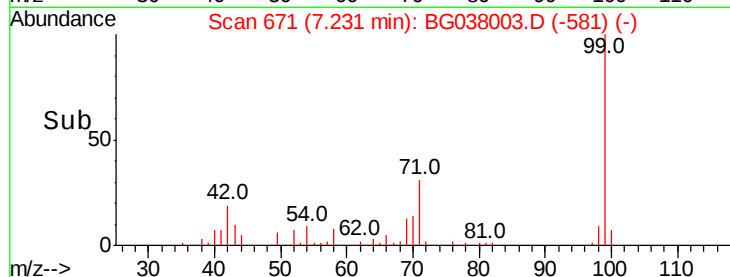
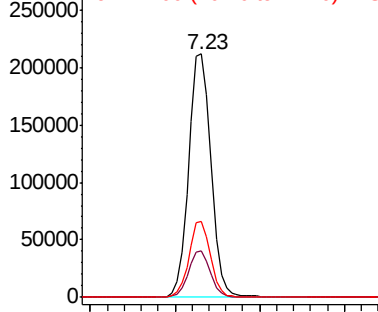
99 100

42 18.9 15.0 22.4

71 31.3 25.5 38.3



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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038003.D

Acq: 14 Nov 2018 18:59

Tgt Ion: 136 Resp: 207451

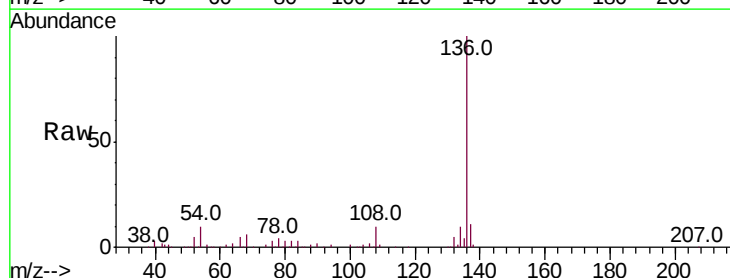
Ion Ratio Lower Upper

136 100

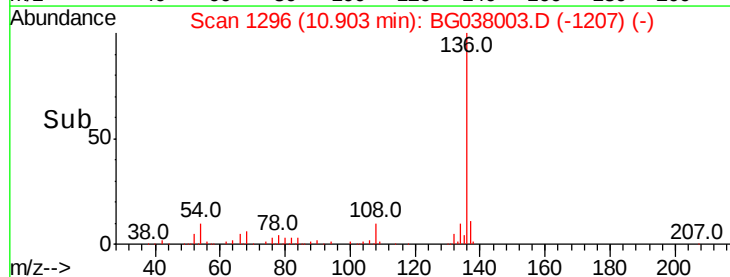
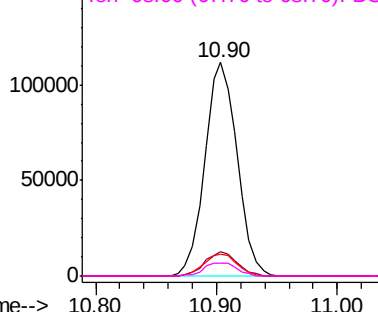
137 11.3 9.6 14.4

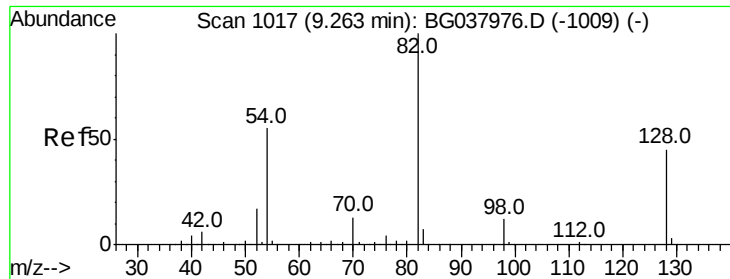
54 10.5 7.9 11.9

68 5.9 4.8 7.2



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

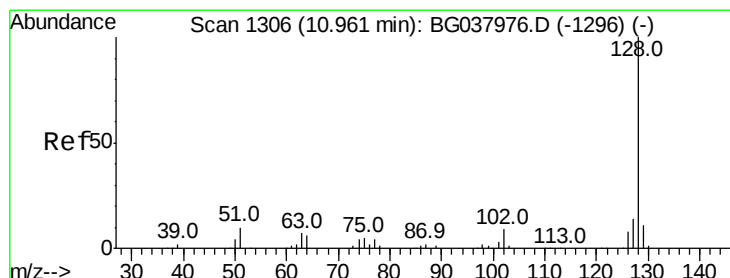
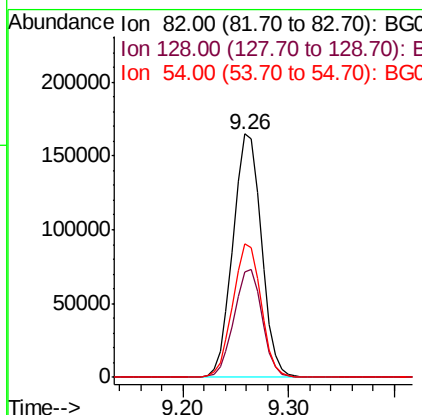
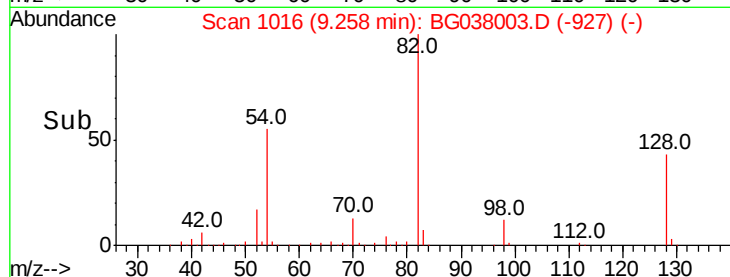
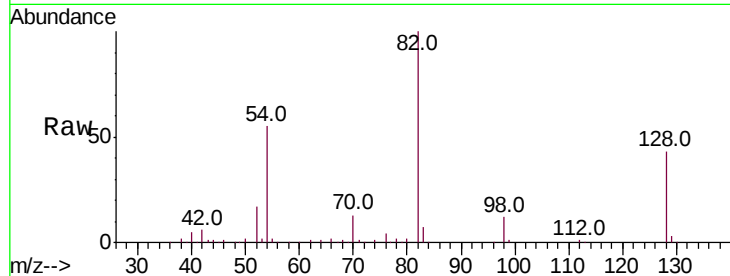




#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

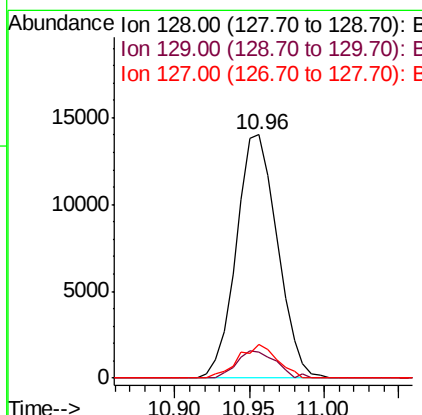
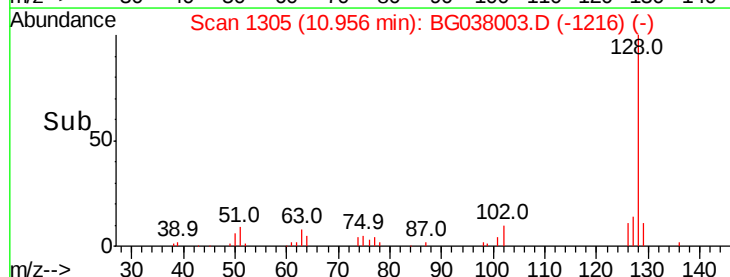
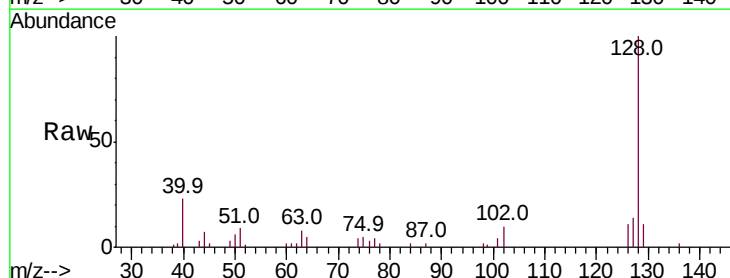
Instrument :
BNA_G
ClientSampled :
TP-6S

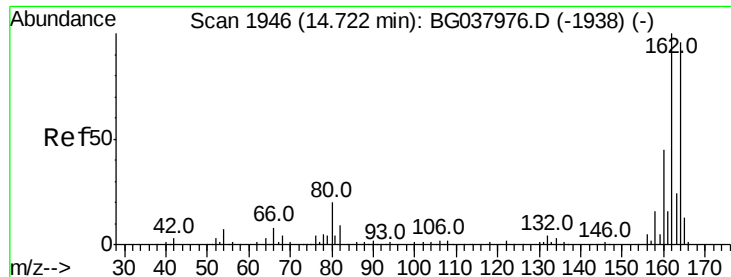
Tot Ion: 82 Resp: 308139
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 54.8 45.3 67.9



#31
Naphthalene
Concen: 2.624 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Tgt Ion: 128 Resp: 26769
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.6 11.1 16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038003.D

Acq: 14 Nov 2018 18:59

Instrument :

BNA_G

ClientSampleId :

TP-6S

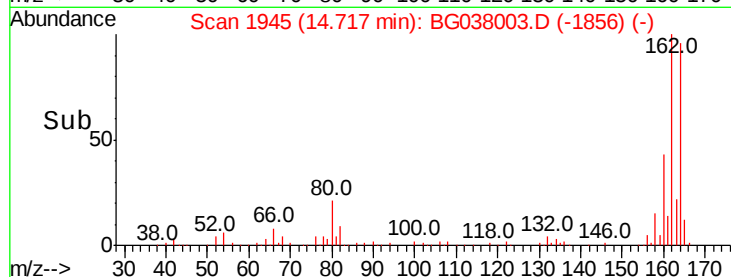
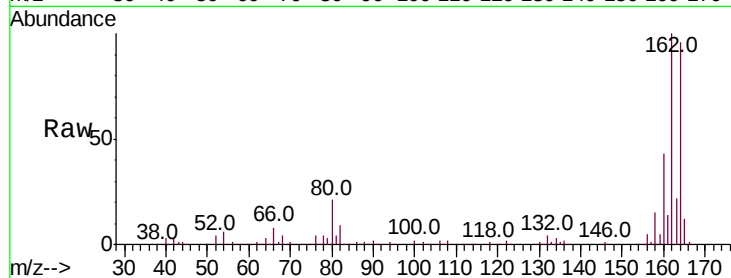
Tot Ion:164 Resp: 131837

Ion Ratio Lower Upper

164 100

162 104.7 81.3 121.9

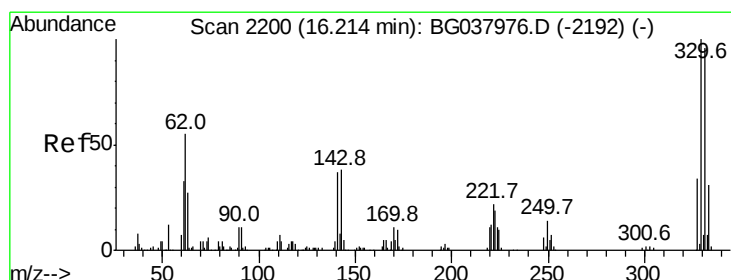
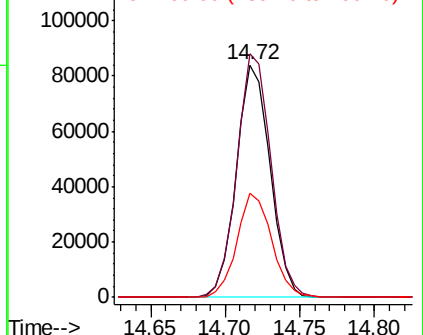
160 44.7 36.3 54.5



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: 115.055 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038003.D

Acq: 14 Nov 2018 18:59

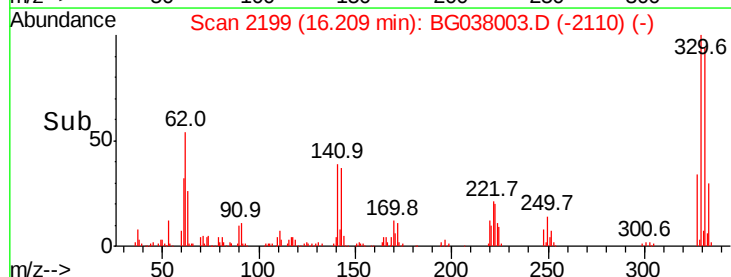
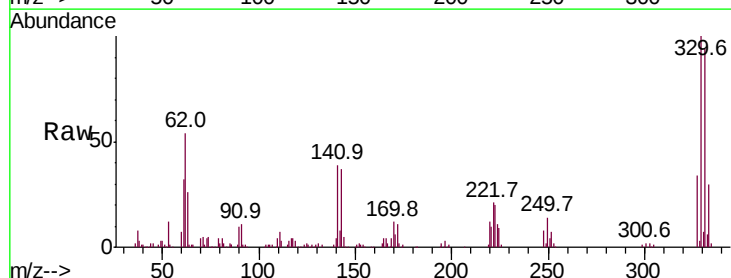
Tgt Ion:330 Resp: 172993

Ion Ratio Lower Upper

330 100

332 96.3 78.4 117.6

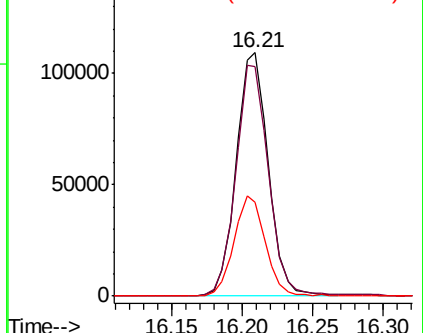
141 40.4 32.2 48.2



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



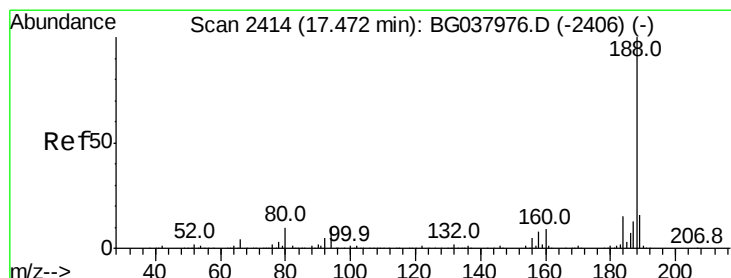
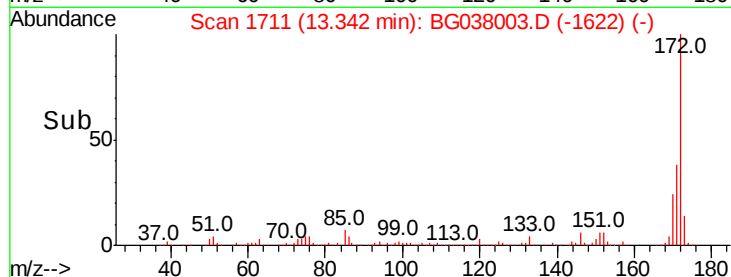
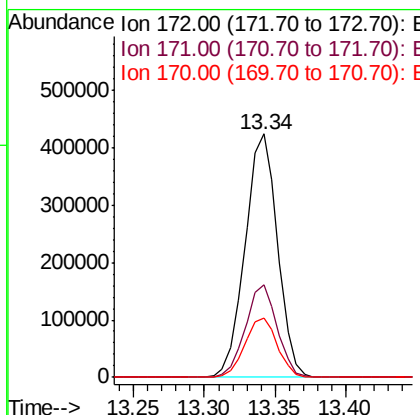
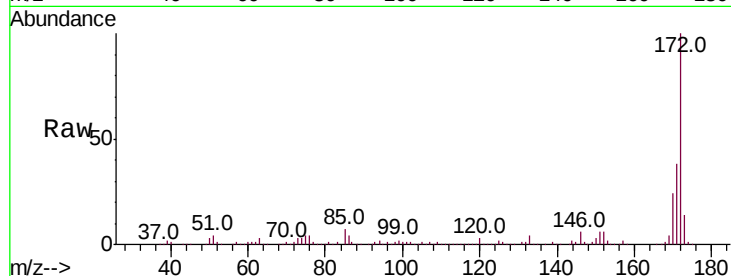


#45
 2-Fluorobiphenyl
 Concen: 75.377 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Instrument :
 BNA_G
 ClientSampled :
 TP-6S

Tot Ion:172 Resp: 682116

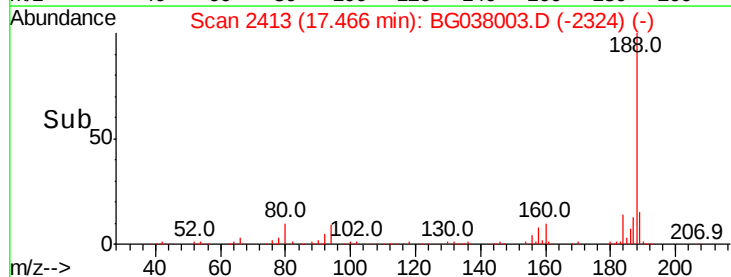
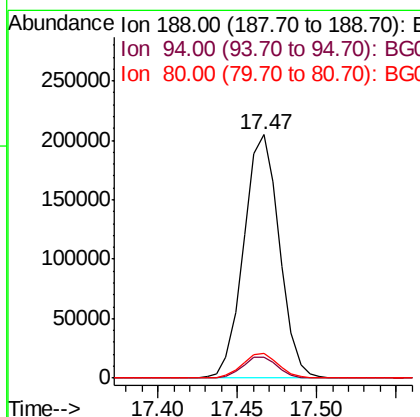
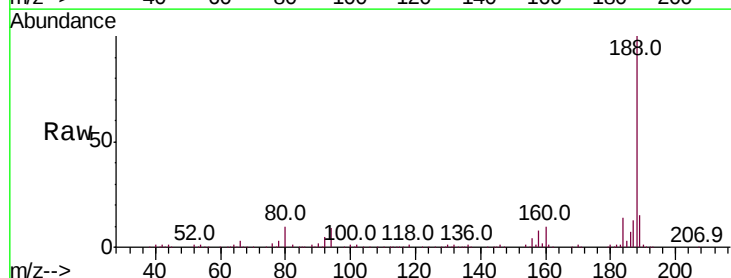
Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	24.4	20.2	30.2

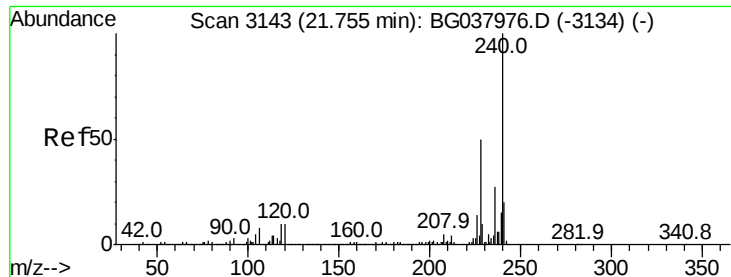


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Tgt Ion:188 Resp: 319474

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.9	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038003.D

Acq: 14 Nov 2018 18:59

Instrument :

BNA_G

ClientSampleId :

TP-6S

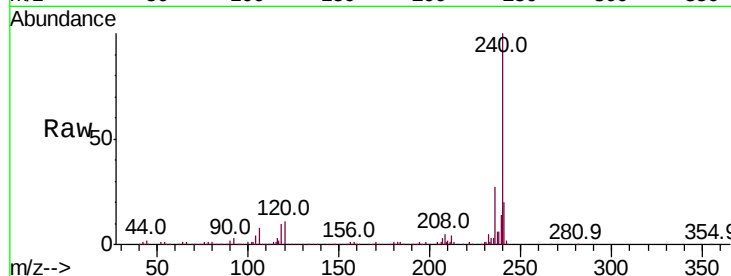
Tot Ion:240 Resp: 308296

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

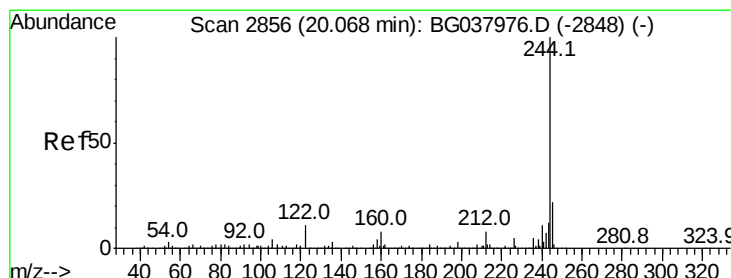
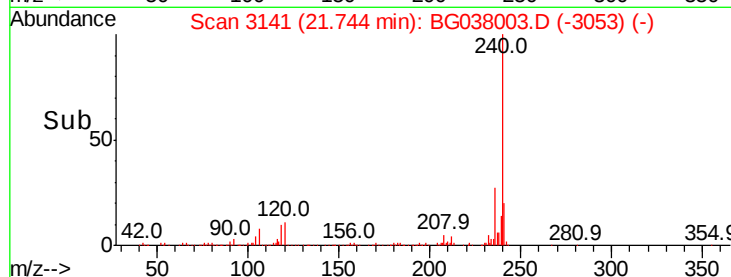
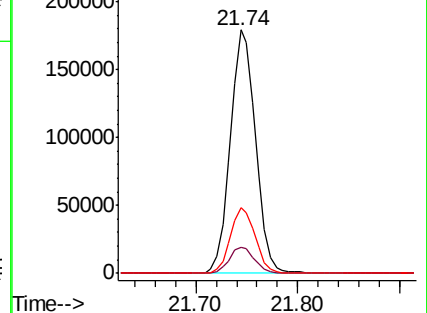
236 26.8 21.4 32.0



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: 87.135 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038003.D

Acq: 14 Nov 2018 18:59

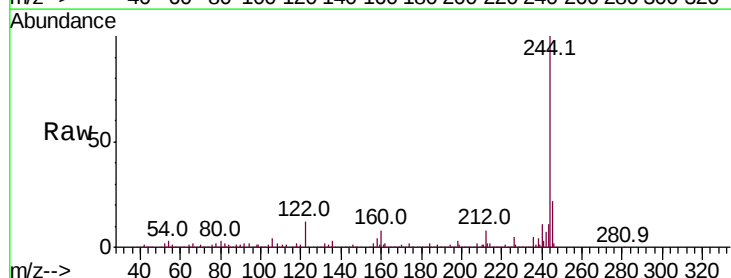
Tgt Ion:244 Resp: 1141656

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

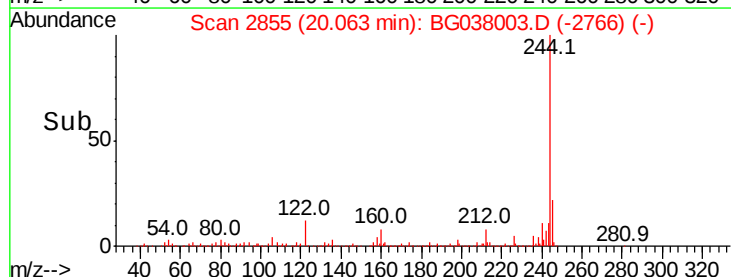
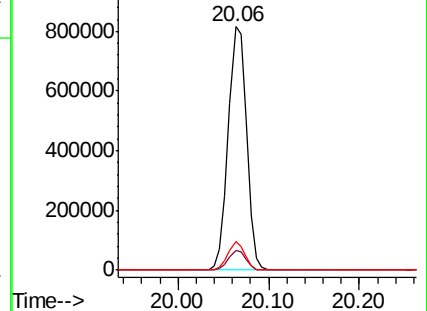
122 11.6 9.0 13.4

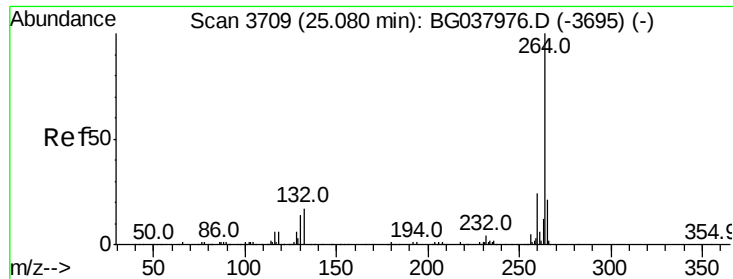


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Instrument :
BNA_G
ClientSampleId :
TP-6S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.7	17.9	26.9

