

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038002.D
 Acq On : 14 Nov 2018 18:20
 Operator : JU/SJ
 Sample : J5925-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5S

Quant Time: Nov 15 01:01:20 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	8.09	152	53543	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	225395	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	145778	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	344175	20.00	ng	0.00
76) Chrysene-d12	21.75	240	320490	20.00	ng	0.00
87) Perylene-d12	25.07	264	329752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	344648	111.14	ng	0.00
7) Phenol-d6	7.23	99	430597	97.27	ng	0.00
23) Nitrobenzene-d5	9.26	82	328551	78.03	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	197116	118.56	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	747290	74.68	ng	0.00
79) Terphenyl-d14	20.07	244	1184067	86.93	ng	0.00

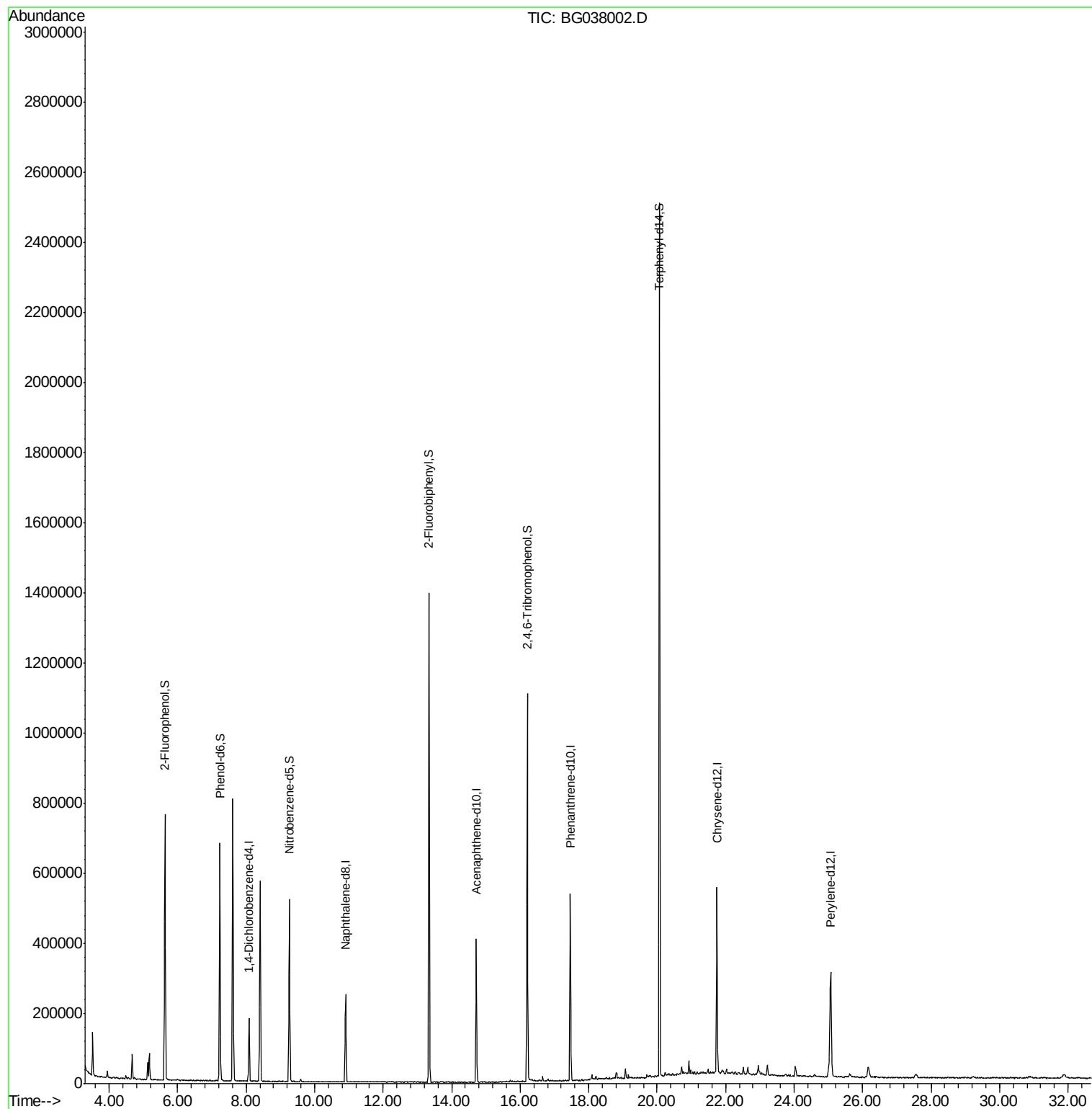
Target Compounds Qvalue

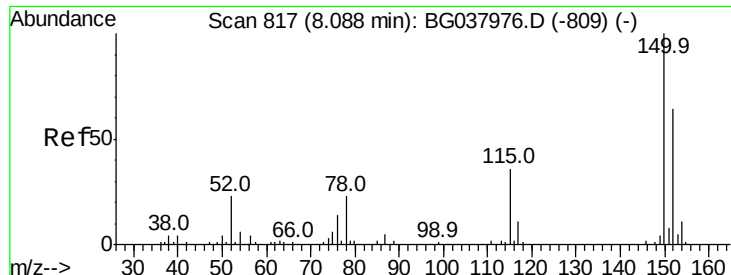
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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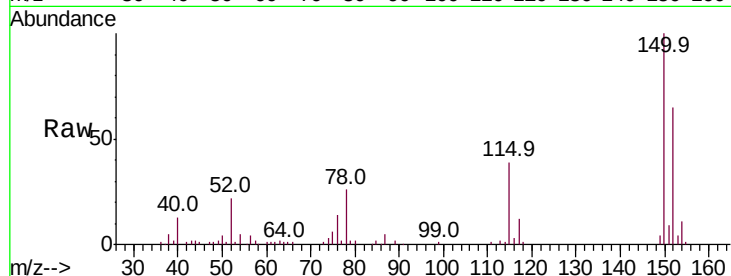


#1

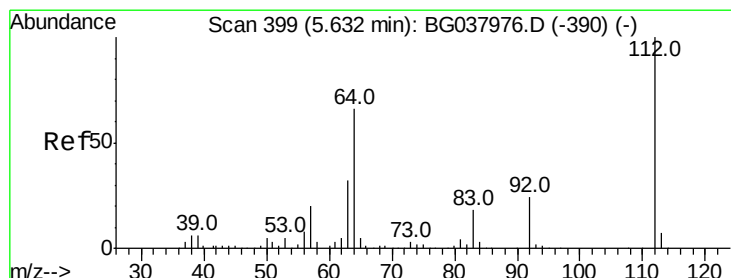
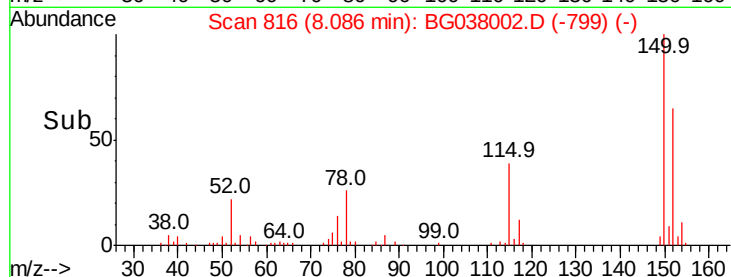
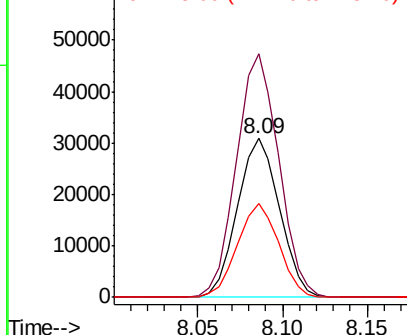
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

Instrument :
BNA_G
ClientSampleId :
TP-5S

Tot Ion:152 Resp: 53543
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 59.1 45.5 68.3



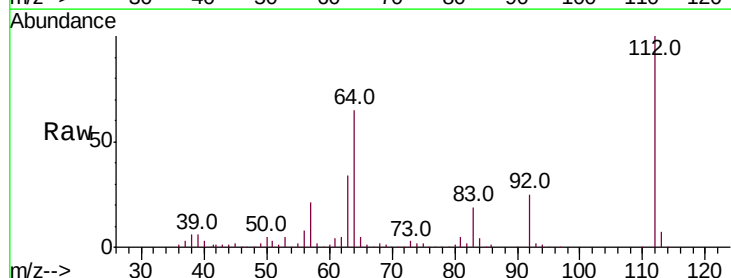
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



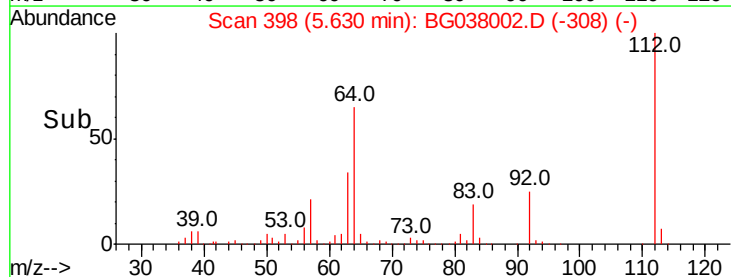
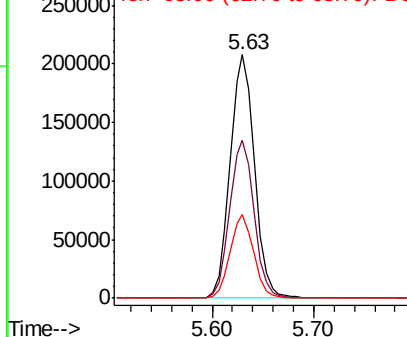
#5

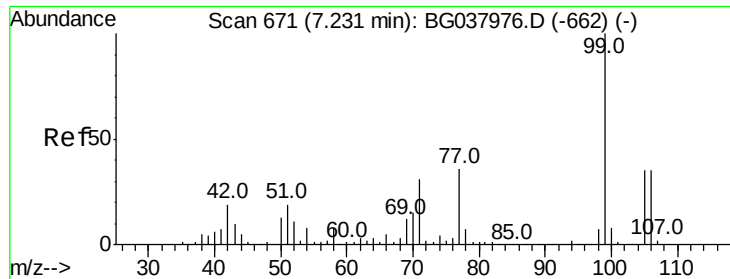
2-Fluorophenol
Concen: 111.136 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

Tgt Ion:112 Resp: 344648
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 34.2 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: 97.273 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Instrument :

BNA_G

ClientSampleId :

TP-5S

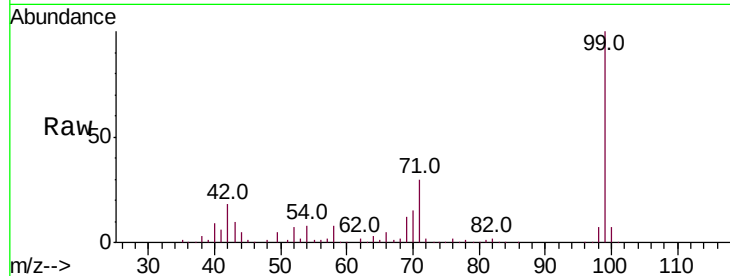
Tot Ion: 99 Resp: 430597

Ion Ratio Lower Upper

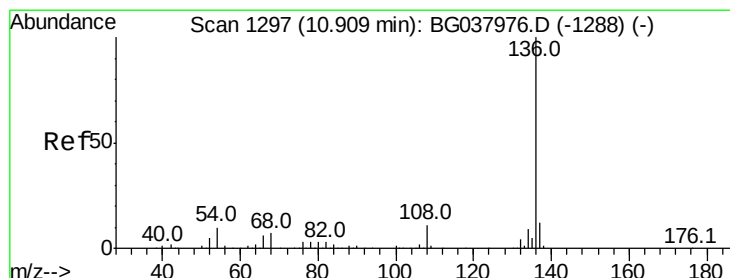
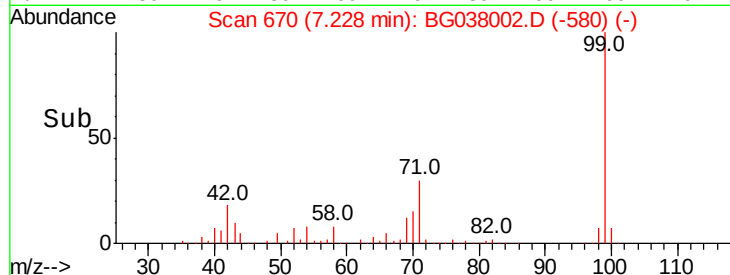
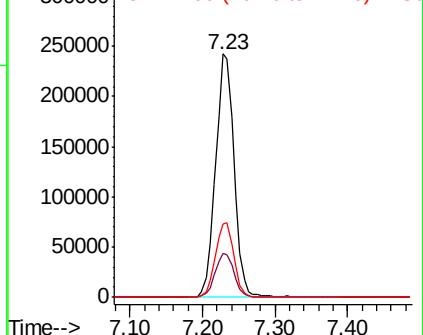
99 100

42 18.3 15.0 22.4

71 29.9 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: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Tgt Ion: 136 Resp: 225395

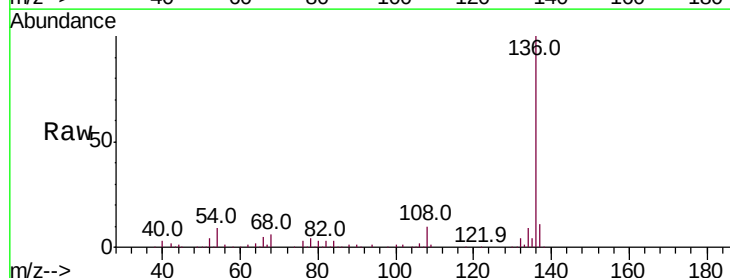
Ion Ratio Lower Upper

136 100

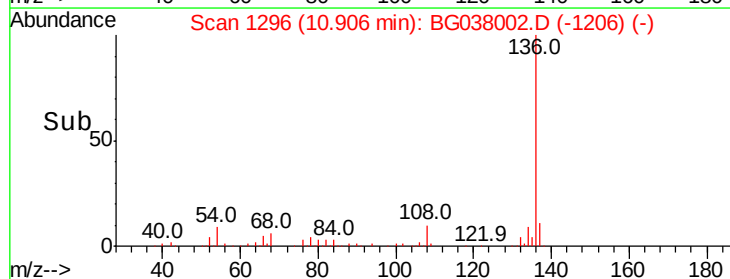
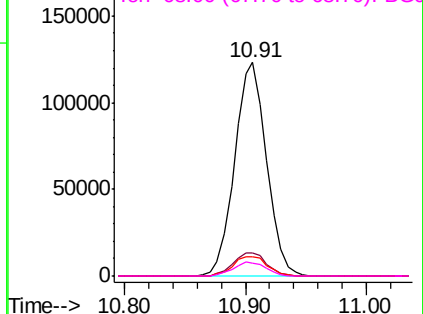
137 11.1 9.6 14.4

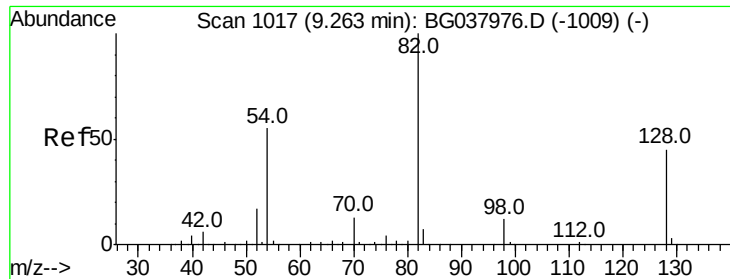
54 9.2 7.9 11.9

68 6.1 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

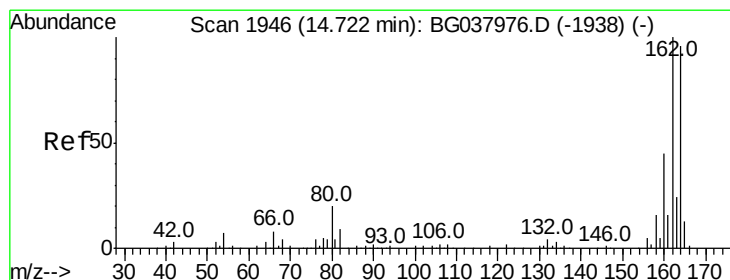
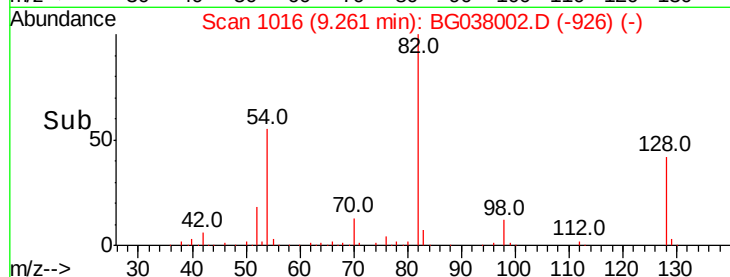
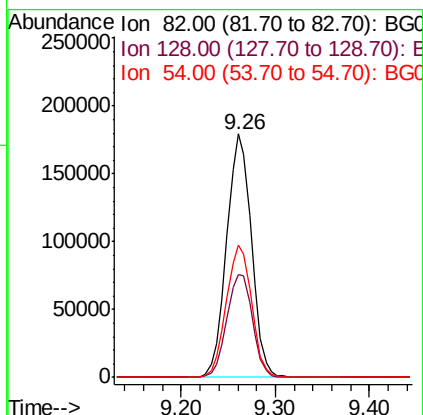
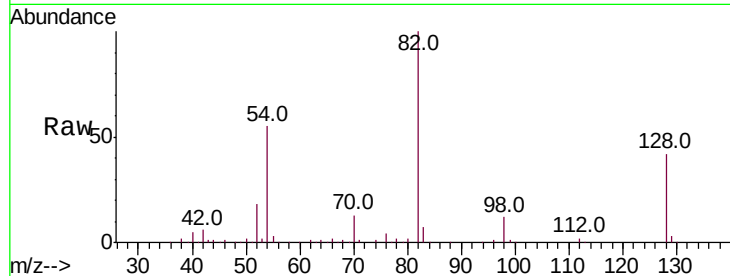




#23
 Nitrobenzene-d5
 Concen: 78.029 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038002.D
 Acq: 14 Nov 2018 18:20

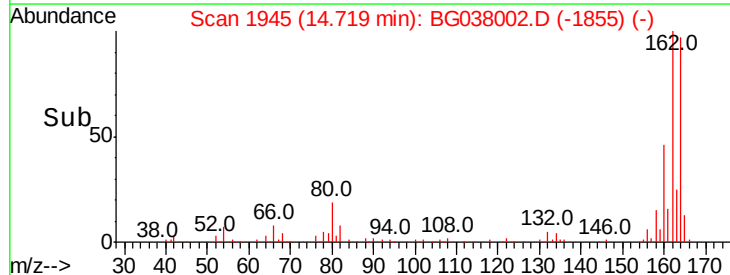
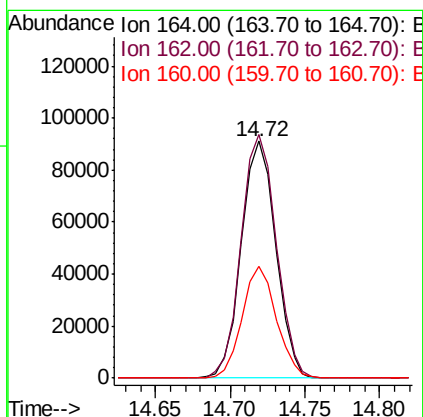
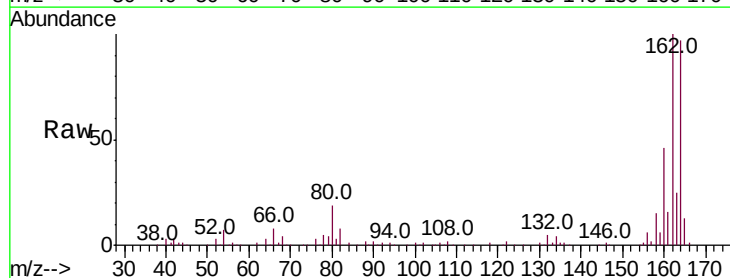
Instrument :
 BNA_G
 ClientSampled :
 TP-5S

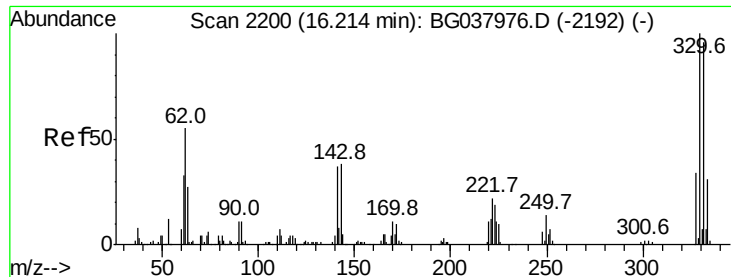
Tot Ion	82	Resp	328551
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
82	100		
128	42.4		
54	54.5		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG038002.D
 Acq: 14 Nov 2018 18:20

Tgt Ion	164	Resp	145778
Ion Ratio	100		
Lower	81.3		
Upper	121.9		
164	100		
162	102.8		
160	47.1		





#42

2,4,6-Tribromophenol

Concen: 118.562 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Instrument :

BNA_G

ClientSampleId :

TP-5S

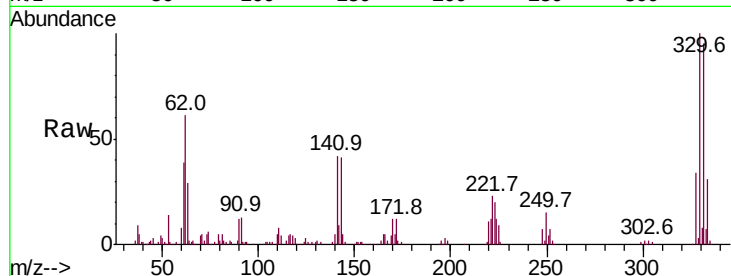
Tot Ion:330 Resp: 197116

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

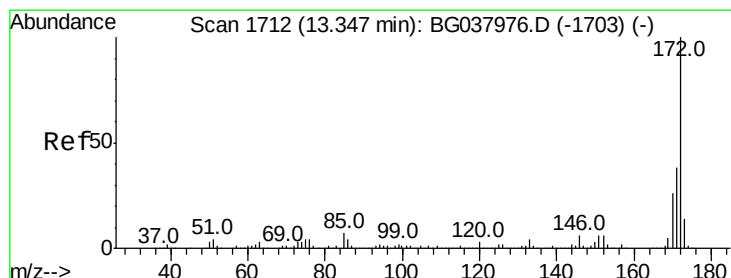
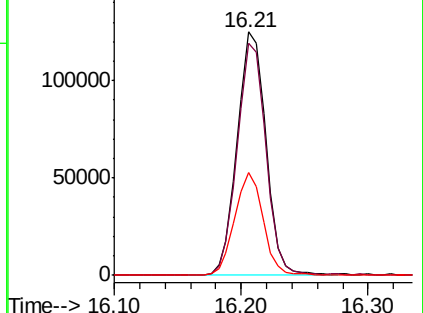
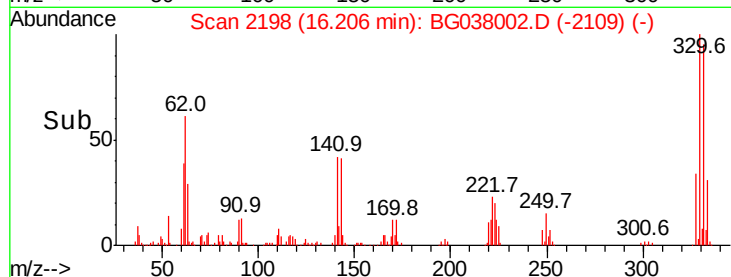
141 41.4 32.2 48.2



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: 74.681 ng

RT: 13.34 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

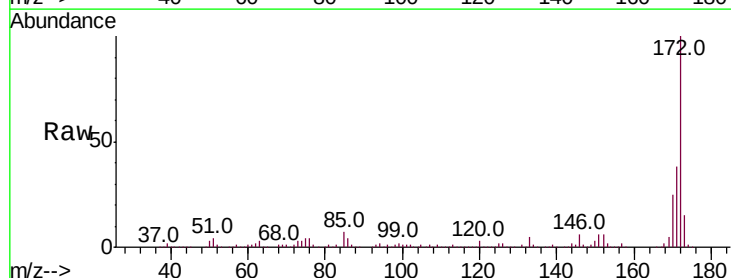
Tgt Ion:172 Resp: 747290

Ion Ratio Lower Upper

172 100

171 37.7 31.0 46.4

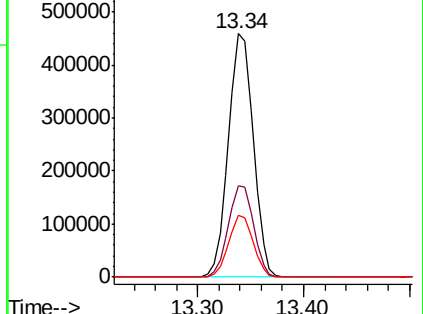
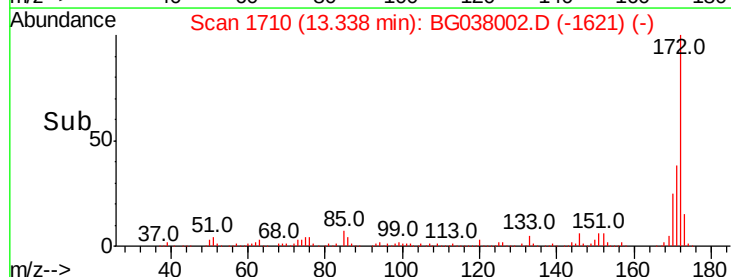
170 25.2 20.2 30.2

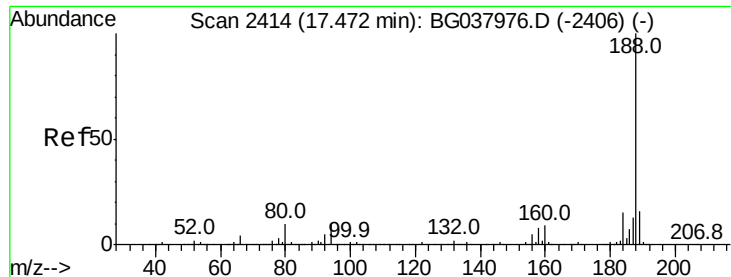


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Instrument :

BNA_G

ClientSampleId :

TP-5S

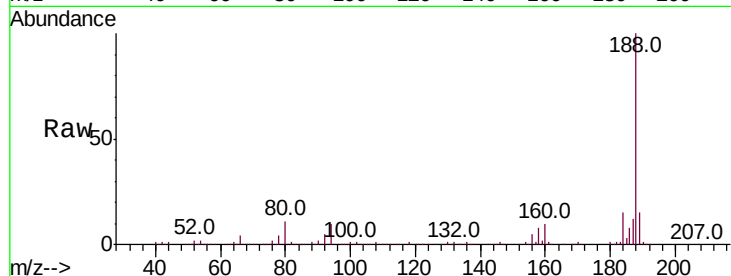
Tot Ion:188 Resp: 344175

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

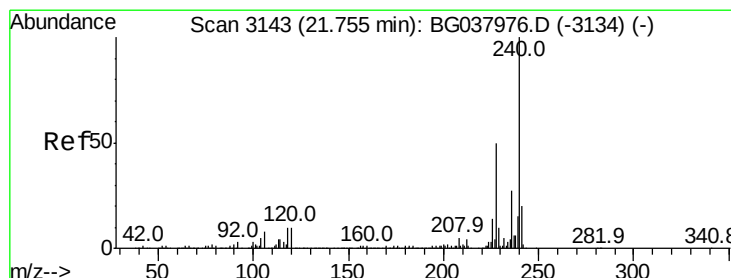
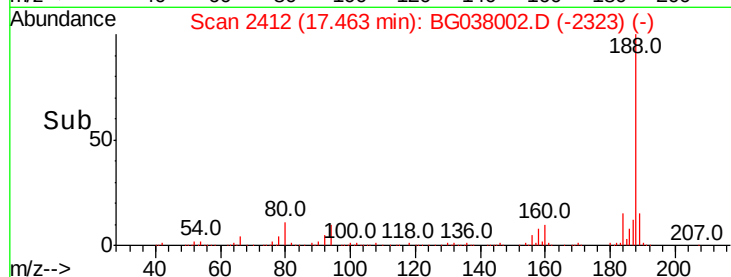
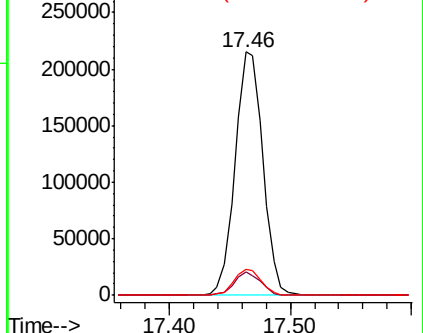
80 10.9 7.7 11.5



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: 21.75 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

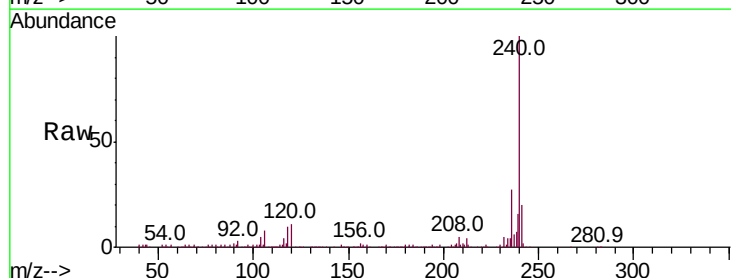
Tgt Ion:240 Resp: 320490

Ion Ratio Lower Upper

240 100

120 11.4 8.1 12.1

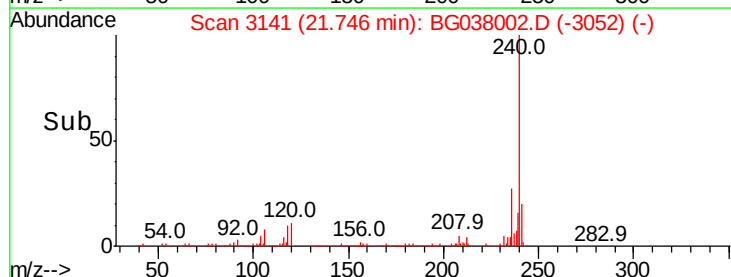
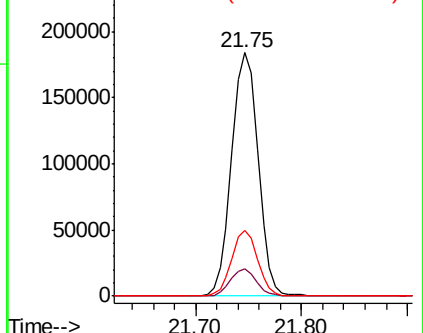
236 27.2 21.4 32.0

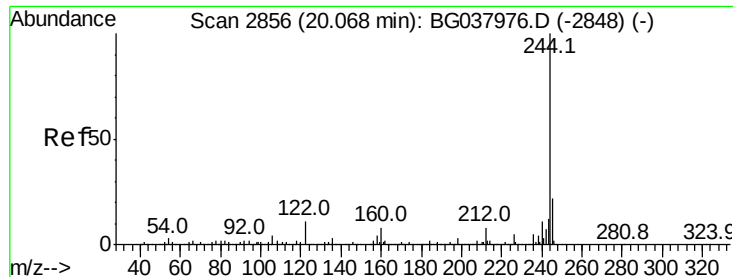


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.933 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Instrument :

BNA_G

ClientSampled :

TP-5S

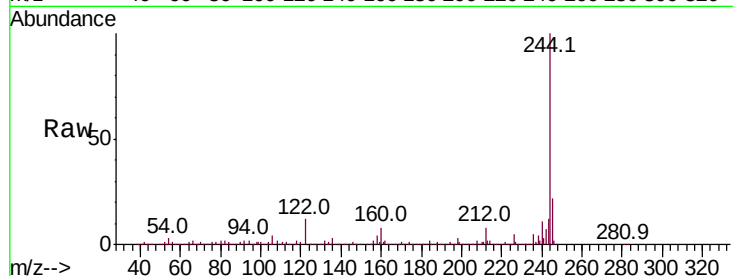
Tot Ion:244 Resp: 1184067

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

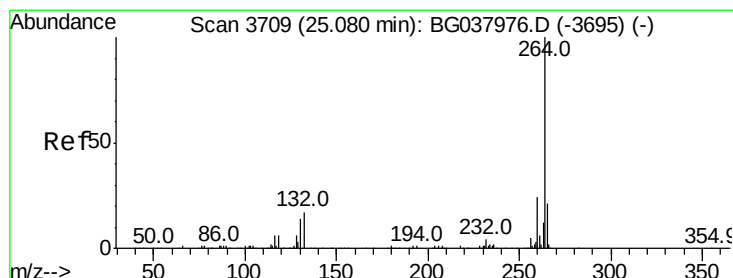
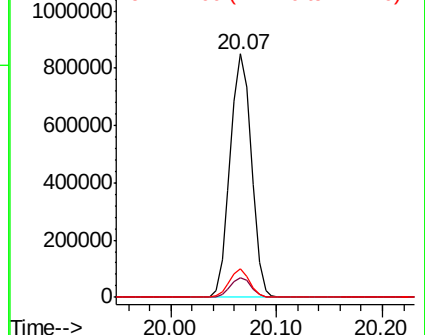
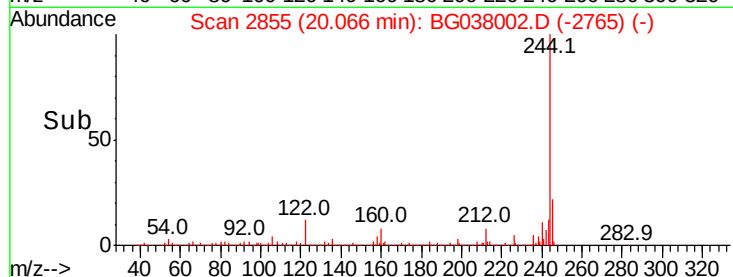
122 11.6 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

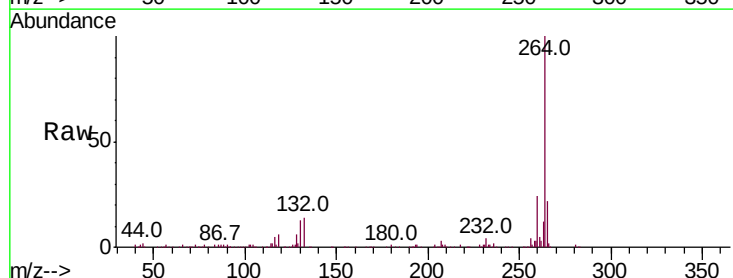
Tgt Ion:264 Resp: 329752

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.7 17.9 26.9



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

