

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038069.D
 Acq On : 19 Nov 2018 19:23
 Operator : JU/SJ
 Sample : J5975-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VB44949

Quant Time: Nov 20 02:52:50 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	45646	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	189928	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	112801	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	246745	20.00	ng	0.00
76) Chrysene-d12	21.75	240	236898	20.00	ng	0.00
87) Perylene-d12	25.07	264	261097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	291811	110.38	ng	0.00
7) Phenol-d6	7.23	99	365600	96.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	289159	81.50	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	134343	104.43	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	647578	83.64	ng	0.00
79) Terphenyl-d14	20.07	244	893259	88.72	ng	0.00

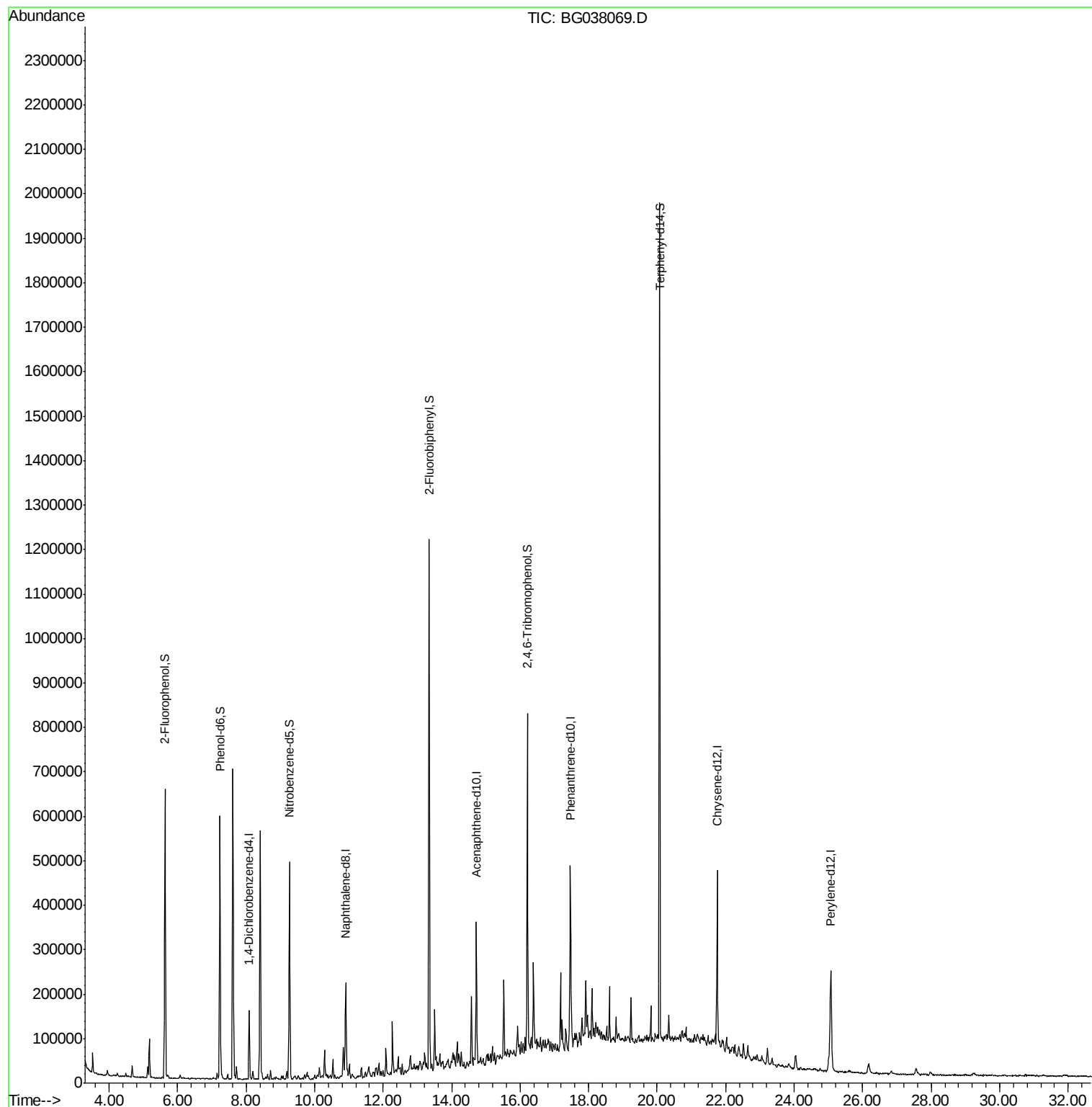
Target Compounds Qvalue

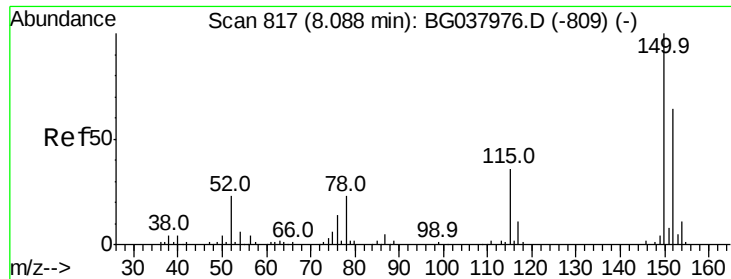
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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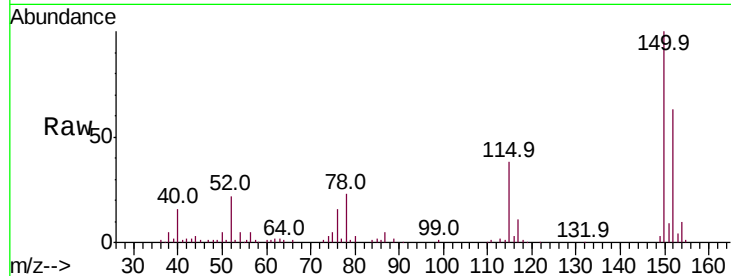


#1

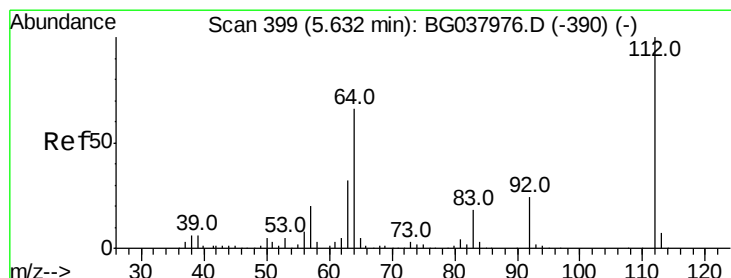
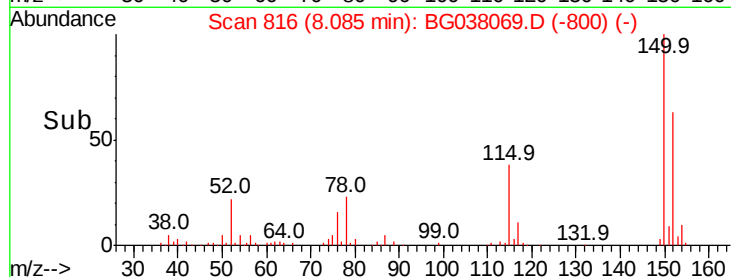
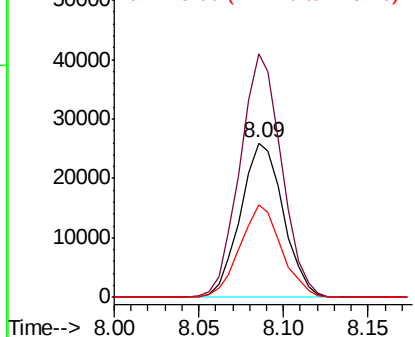
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Instrument :
BNA_G
ClientSampled :
VB44949

Tot Ion:152 Resp: 45646
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 60.3 45.5 68.3



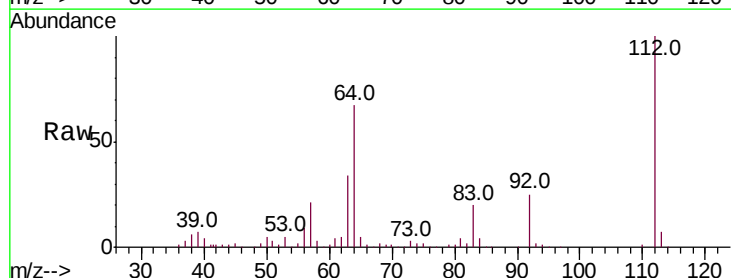
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



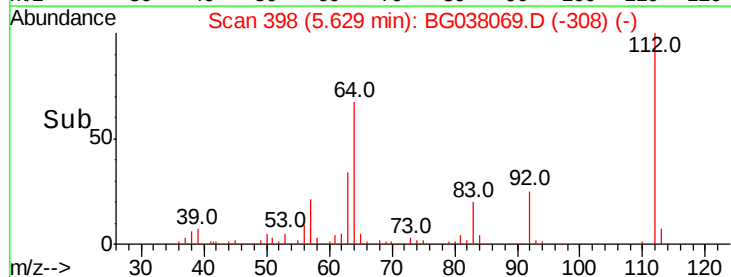
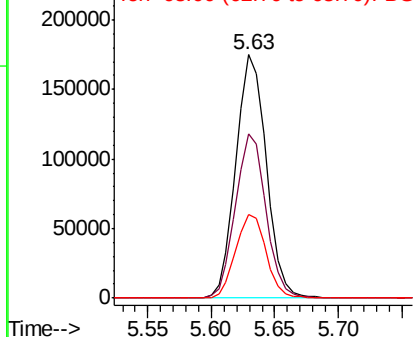
#5

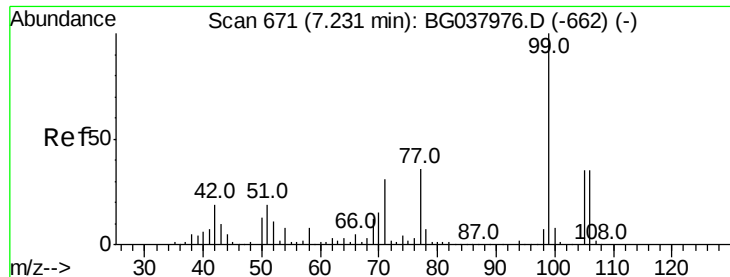
2-Fluorophenol
Concen: 110.378 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Tgt Ion:112 Resp: 291811
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 34.4 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: 96.879 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

Instrument :

BNA_G

ClientSampleId :

VB44949

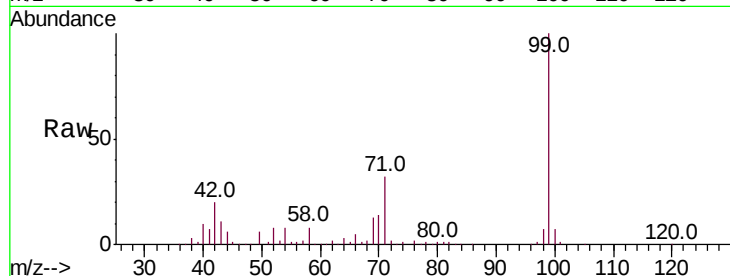
Tot Ion: 99 Resp: 365600

Ion Ratio Lower Upper

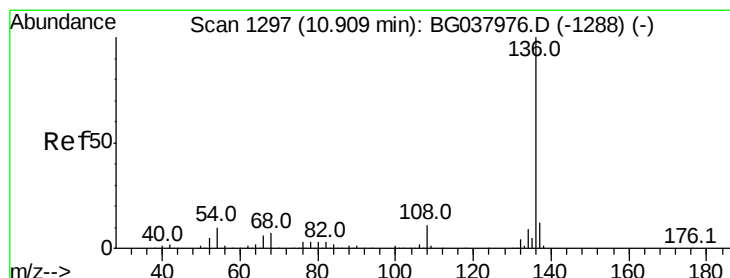
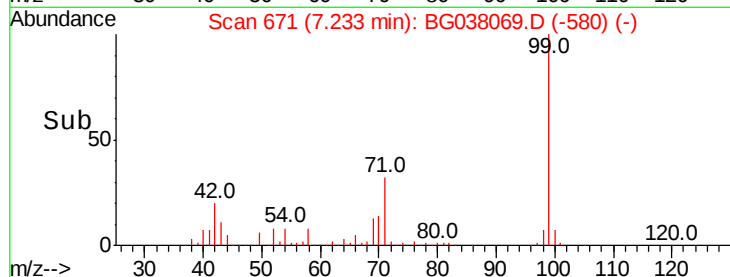
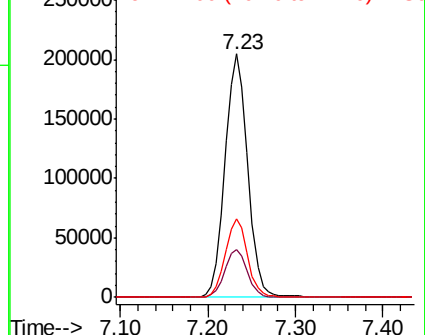
99 100

42 19.8 15.0 22.4

71 32.3 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: 10.91 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

Tgt Ion: 136 Resp: 189928

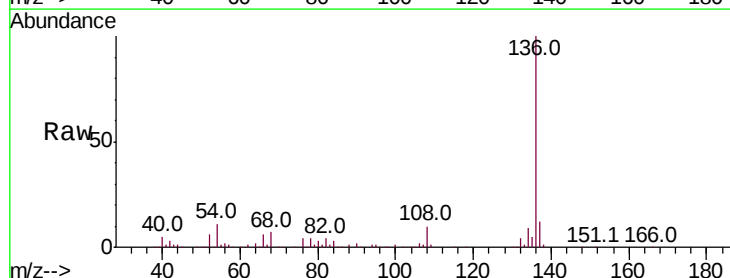
Ion Ratio Lower Upper

136 100

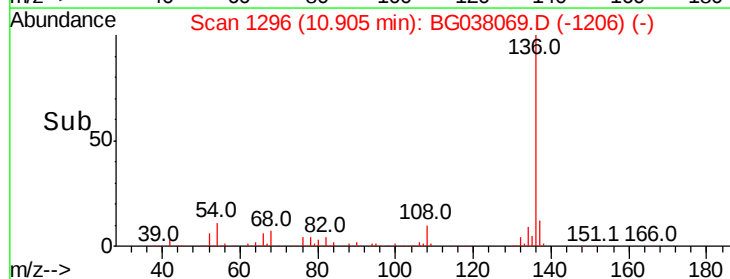
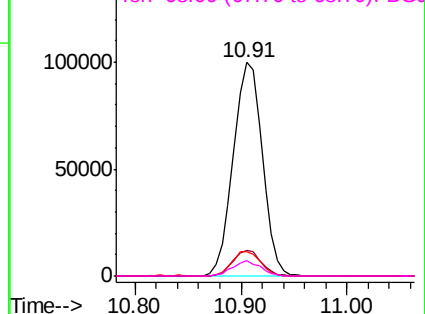
137 11.9 9.6 14.4

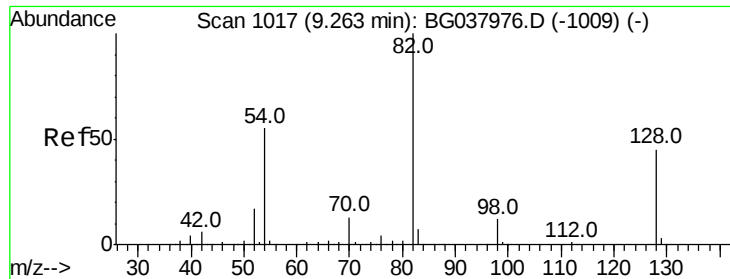
54 11.3 7.9 11.9

68 7.1 4.8 7.2



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

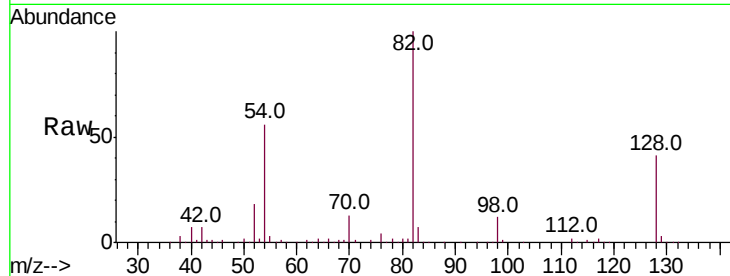




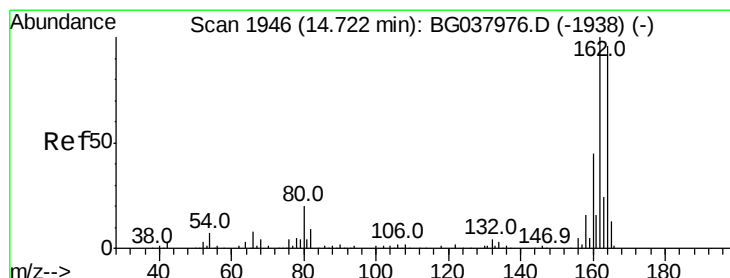
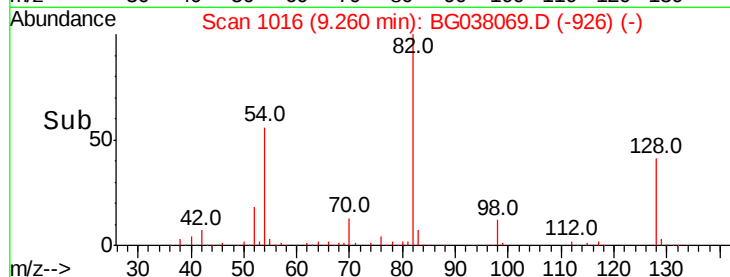
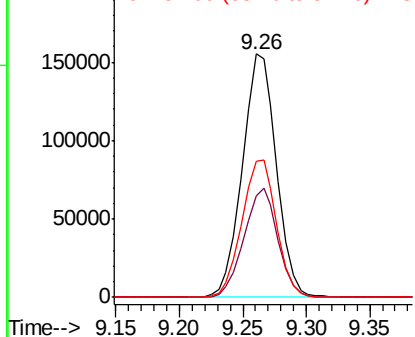
#23
Nitrobenzene-d5
Concen: 81.498 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Instrument :
BNA_G
ClientSampleId :
VB44949

Tot Ion	82	Resp	289159
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.6	51.8
54	56.1	45.3	67.9

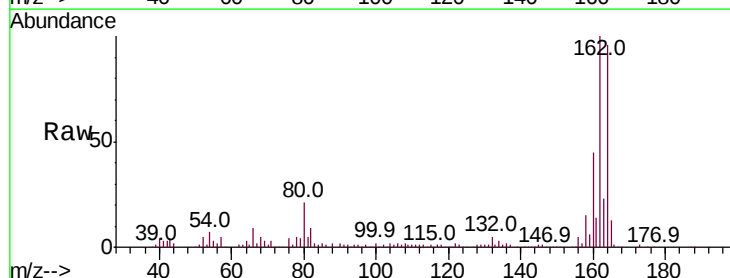


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

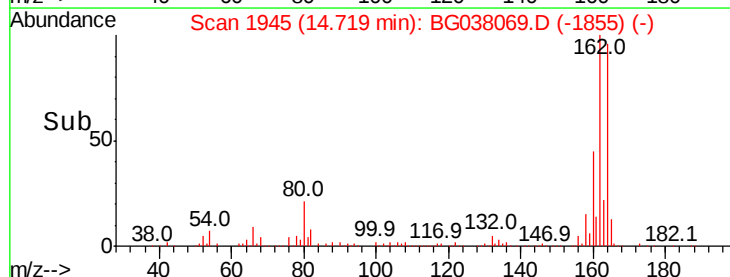
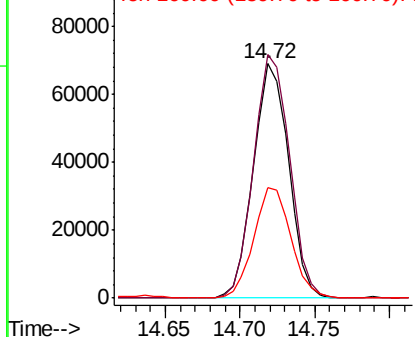


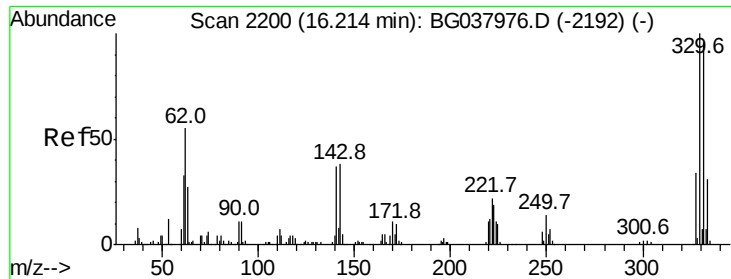
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Tgt Ion	164	Resp	112801
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.3	121.9
160	47.3	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 104.428 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

Instrument :

BNA_G

ClientSampleId :

VB44949

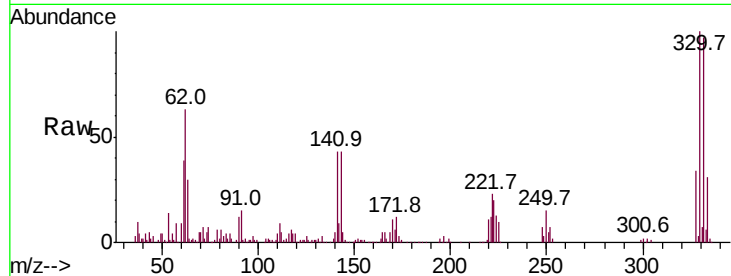
Tot Ion:330 Resp: 134343

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

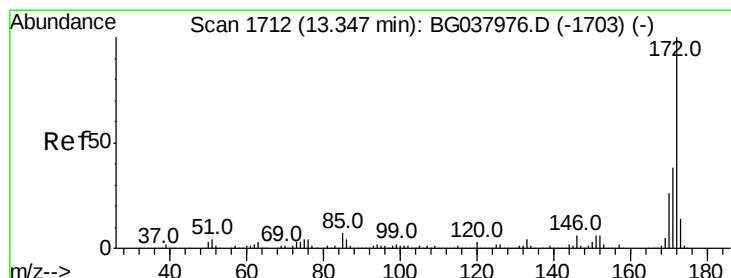
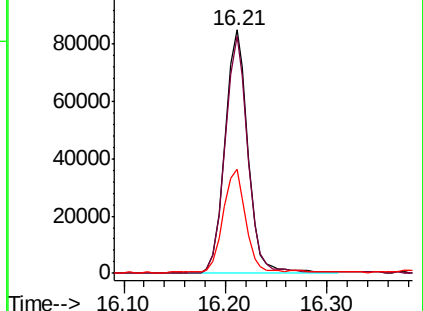
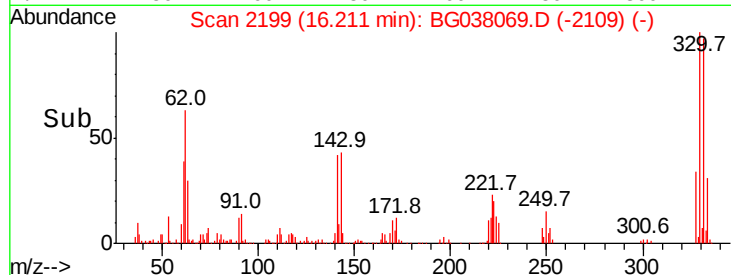
141 40.8 32.2 48.2



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: 83.636 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

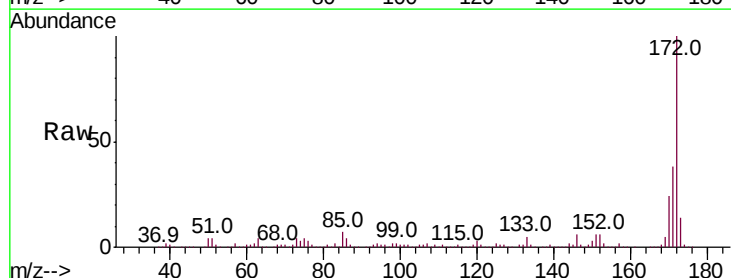
Tgt Ion:172 Resp: 647578

Ion Ratio Lower Upper

172 100

171 37.5 31.0 46.4

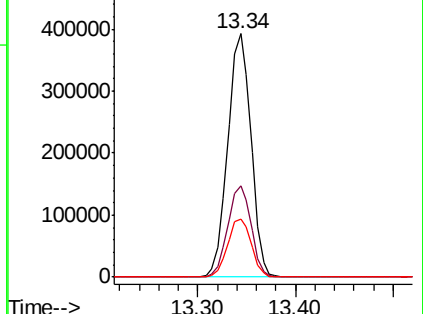
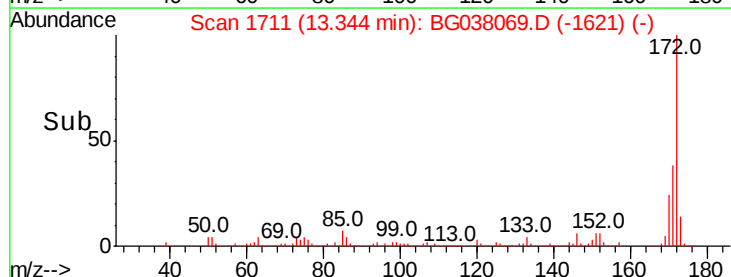
170 23.7 20.2 30.2

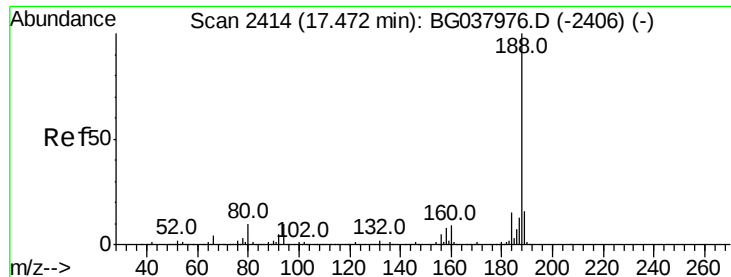


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

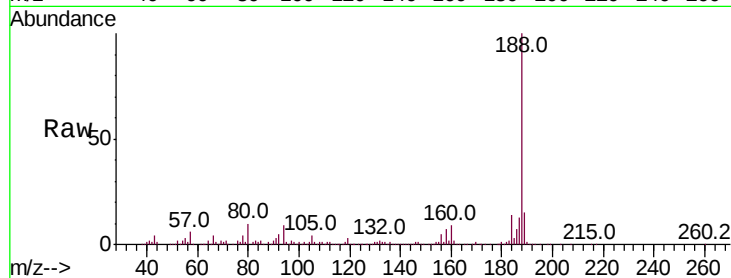




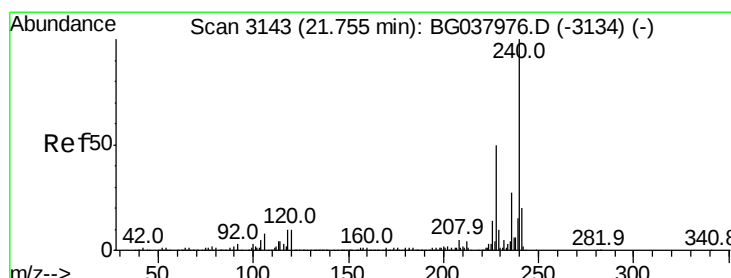
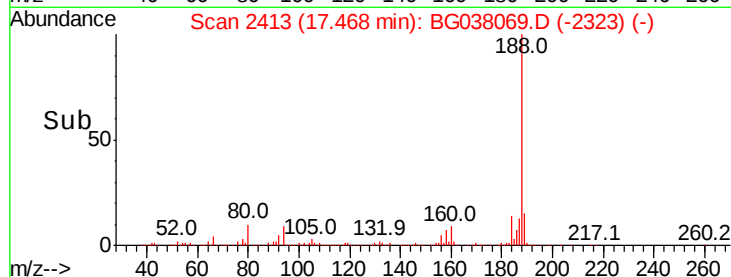
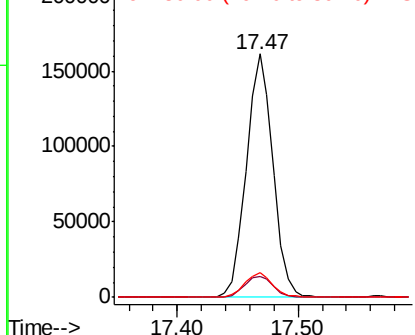
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Instrument :
BNA_G
ClientSampleId :
VB44949

Tot Ion:188 Resp: 246745
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.1 7.7 11.5

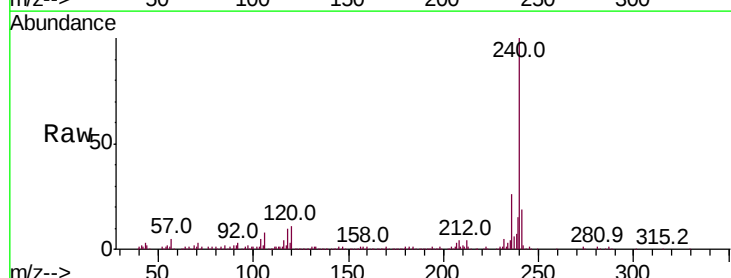


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

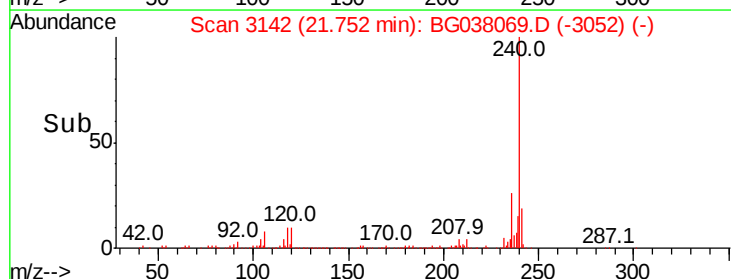
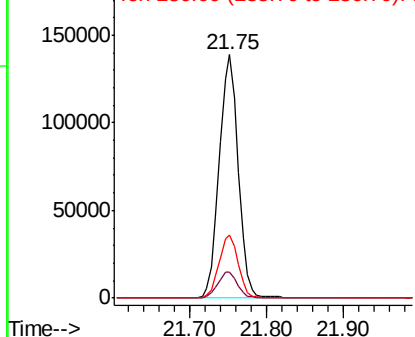


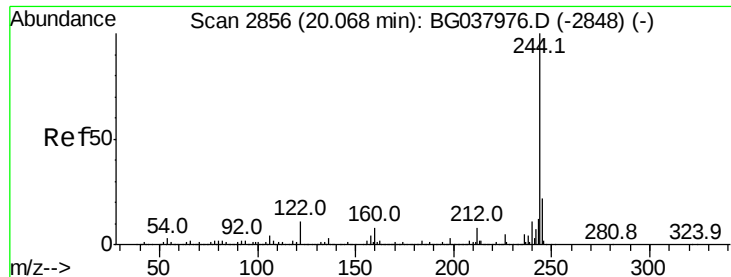
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038069.D
Acq: 19 Nov 2018 19:23

Tgt Ion:240 Resp: 236898
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.0 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: 88.724 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

Instrument :

BNA_G

ClientSampleId :

VB44949

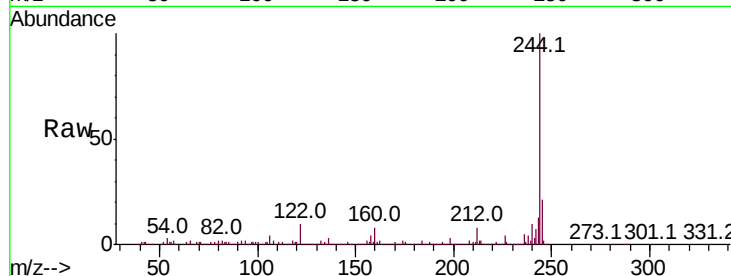
Tot Ion:244 Resp: 893259

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

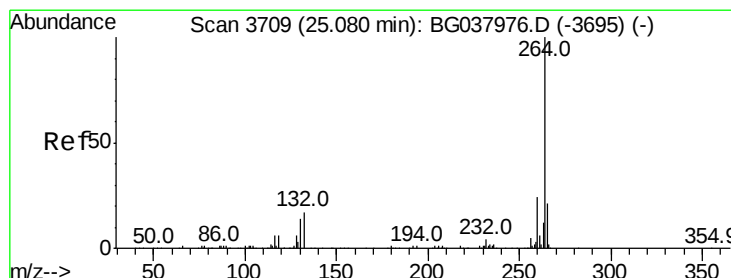
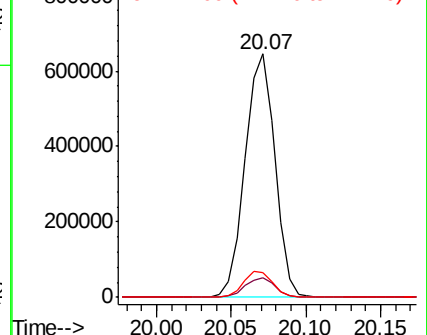
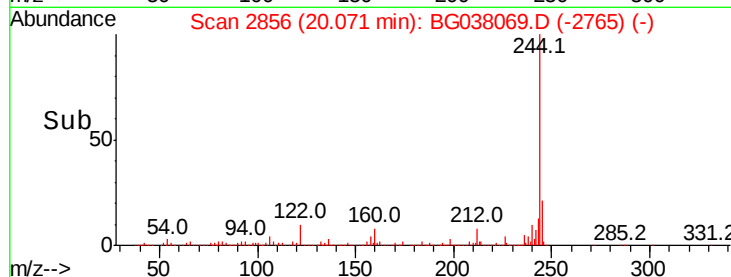
122 10.3 9.0 13.4



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# 3707

Delta R.T. -0.01 min

Lab File: BG038069.D

Acq: 19 Nov 2018 19:23

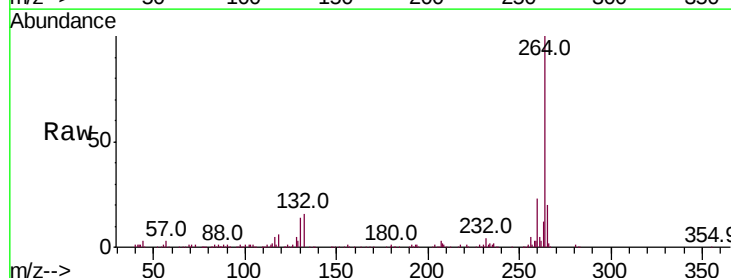
Tgt Ion:264 Resp: 261097

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 19.9 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

