

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
 Data File : BG038009.D
 Acq On : 14 Nov 2018 22:54
 Operator : JU/SJ
 Sample : J5889-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-A

Quant Time: Nov 15 03:02:43 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

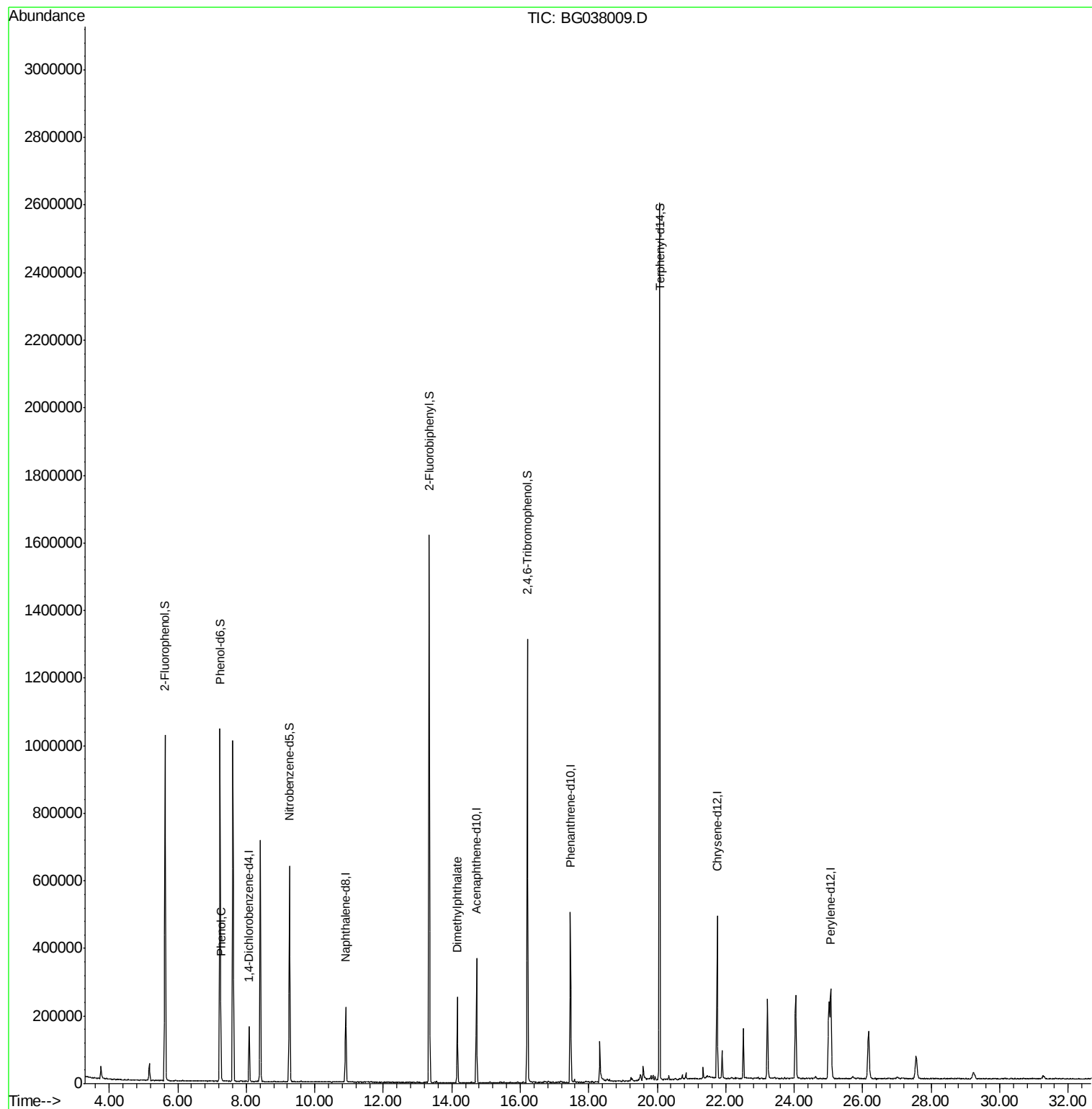
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	48287	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	205724	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	134877	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	318836	20.00	ng	0.00
76) Chrysene-d12	21.75	240	289801	20.00	ng	0.00
87) Perylene-d12	25.07	264	296399	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	467218	167.06	ng	0.00
7) Phenol-d6	7.23	99	655375	164.17	ng	0.00
23) Nitrobenzene-d5	9.26	82	403050	104.88	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	234968	152.75	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	876634	94.69	ng	0.00
79) Terphenyl-d14	20.07	244	1214008	98.57	ng	0.00
Target Compounds						
10) Phenol	7.26	94	33739	7.979	ng	95
50) Dimethylphthalate	14.16	163	174782	16.346	ng	98

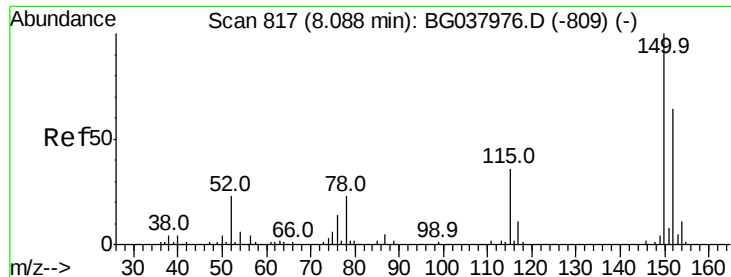
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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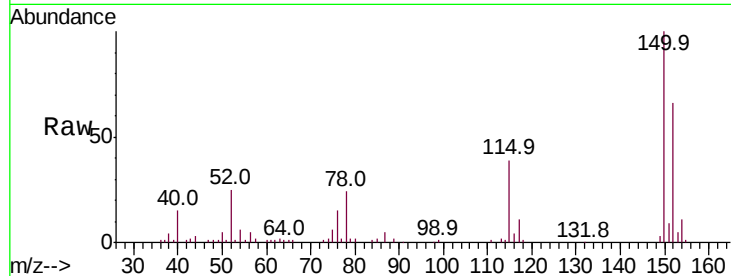


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038009.D
Acq: 14 Nov 2018 22:54

Instrument :
BNA_G
ClientSampleId :
BOTTOM-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.0	189.0
115	59.3	45.5	68.3

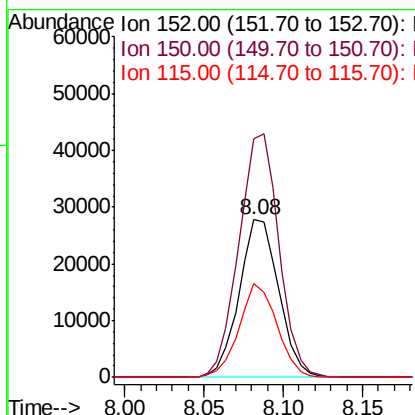
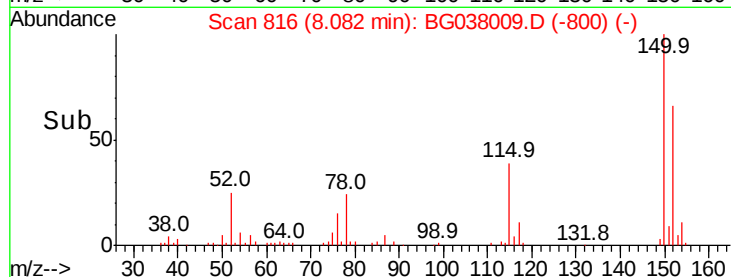


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

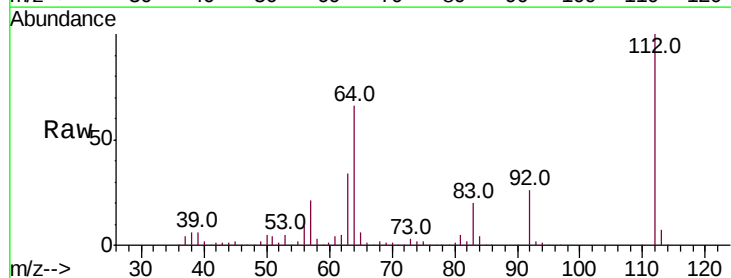
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 167.060 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038009.D
Acq: 14 Nov 2018 22:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	34.1	27.3	40.9

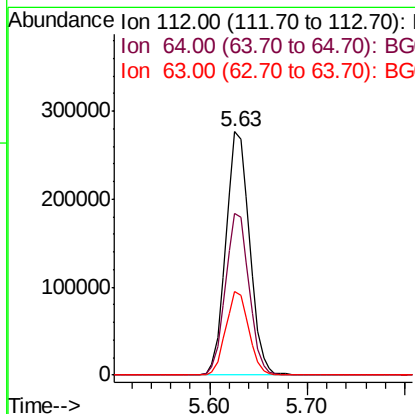
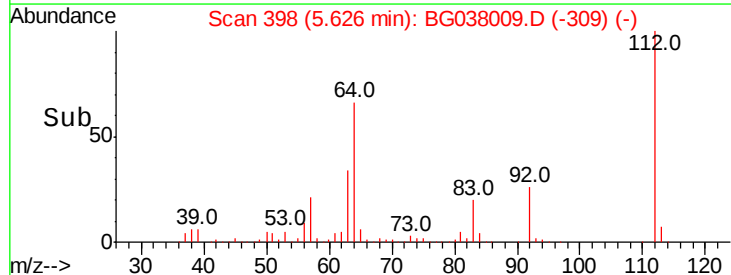


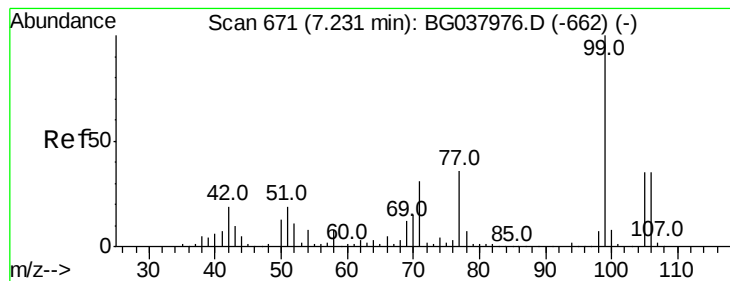
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 164.167 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampleId :

BOTTOM-A

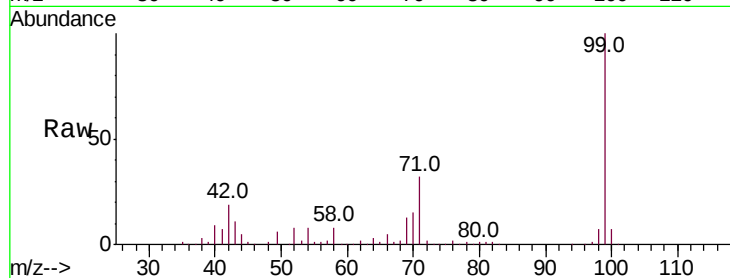
Tot Ion: 99 Resp: 655375

Ion Ratio Lower Upper

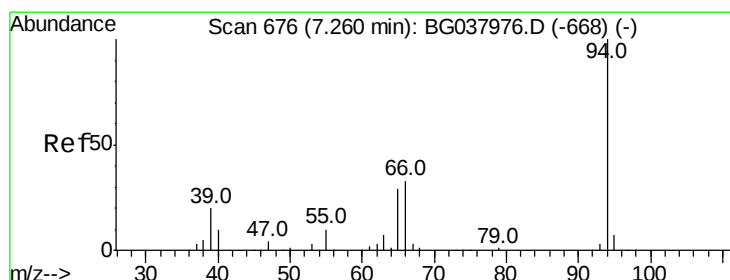
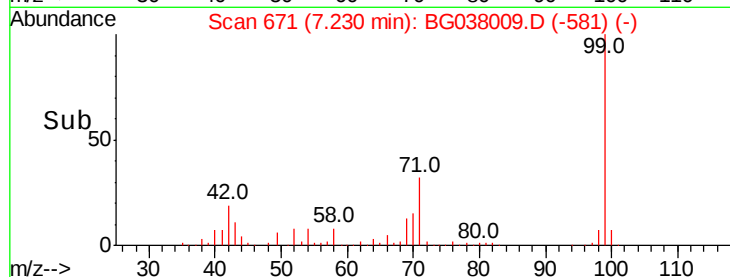
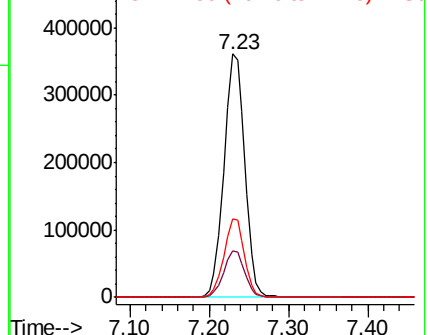
99 100

42 18.9 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



#10

Phenol

Concen: 7.979 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

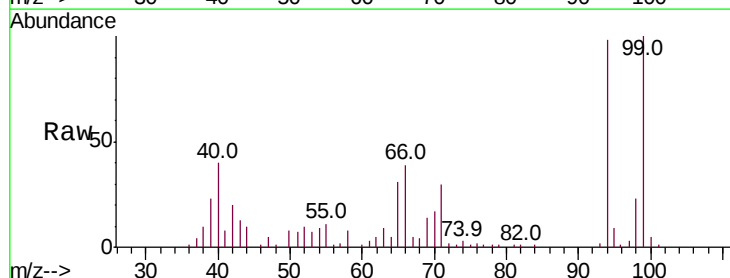
Tgt Ion: 94 Resp: 33739

Ion Ratio Lower Upper

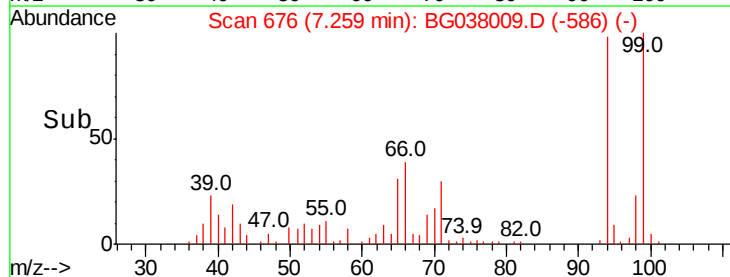
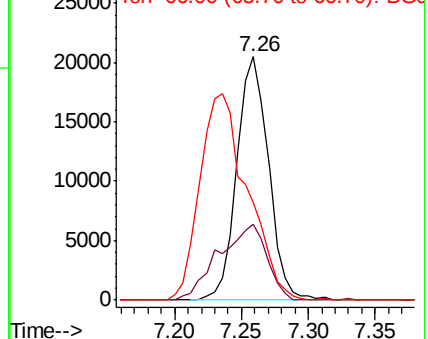
94 100

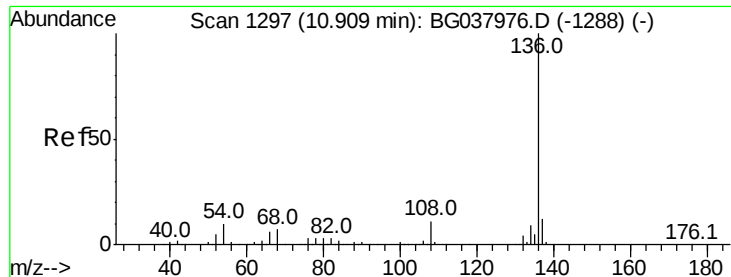
65 31.3 9.7 49.7

66 39.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampleId :

BOTTOM-A

Tot Ion:136 Resp: 205724

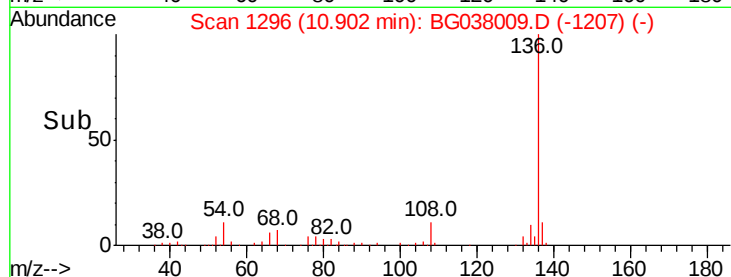
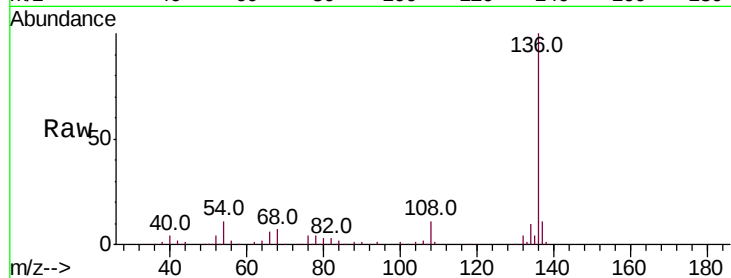
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 10.8 7.9 11.9

68 7.2 4.8 7.2#

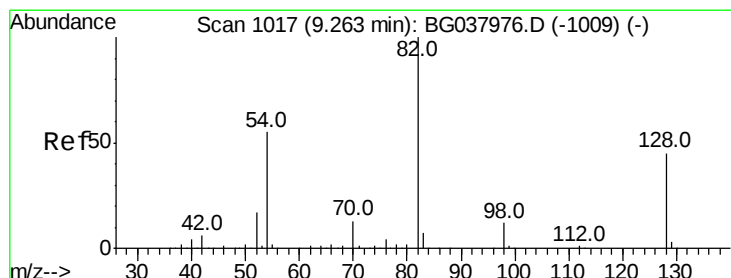
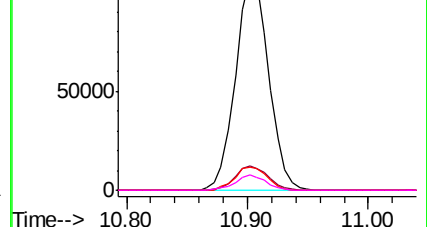


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.876 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

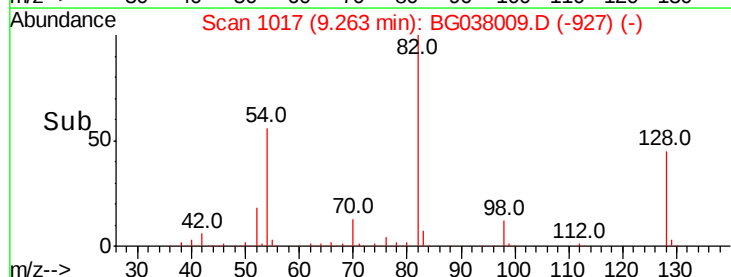
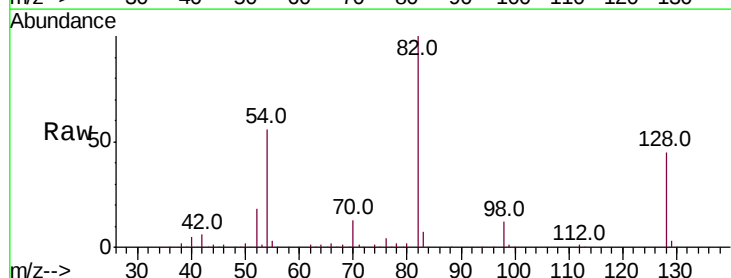
Tgt Ion: 82 Resp: 403050

Ion Ratio Lower Upper

82 100

128 44.8 34.6 51.8

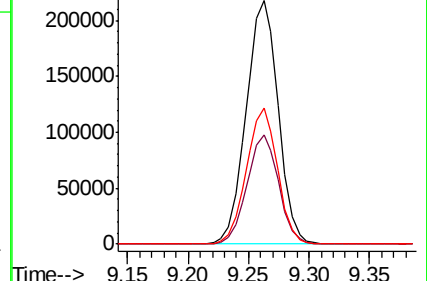
54 55.7 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampled :

BOTTOM-A

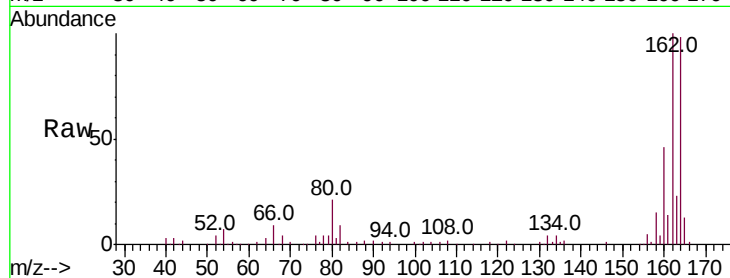
Tot Ion:164 Resp: 134877

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

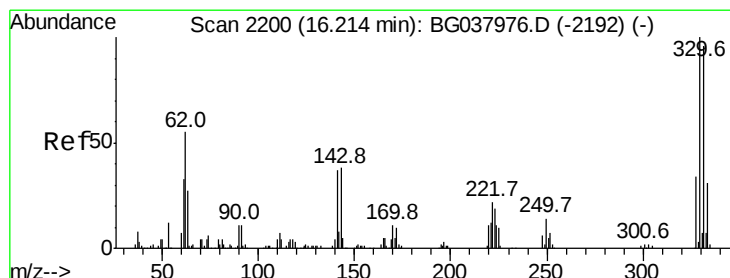
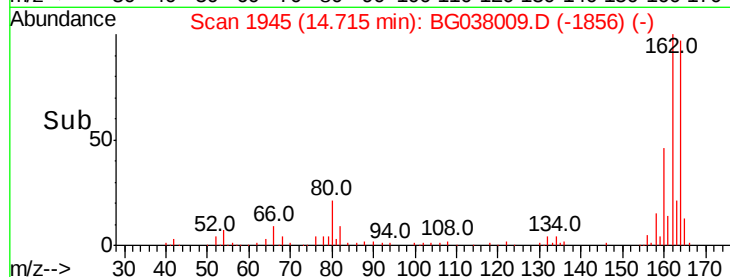
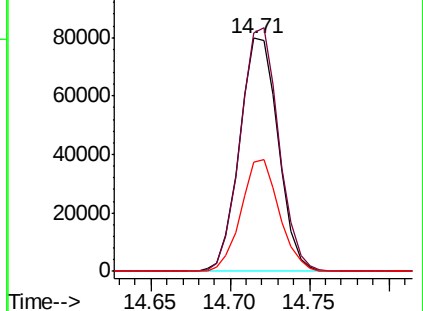
160 46.9 36.3 54.5



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: 152.751 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

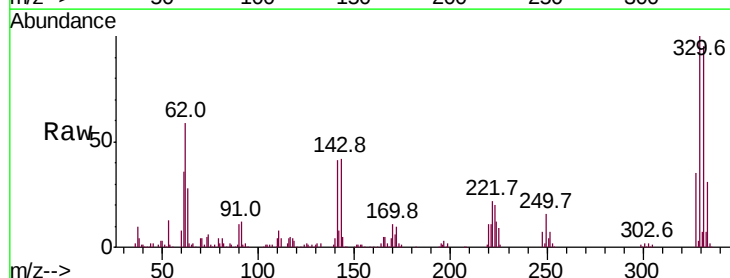
Tgt Ion:330 Resp: 234968

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

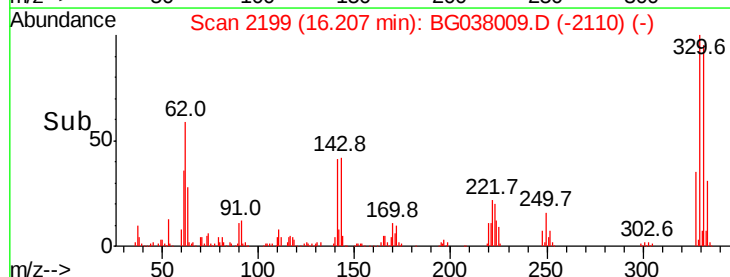
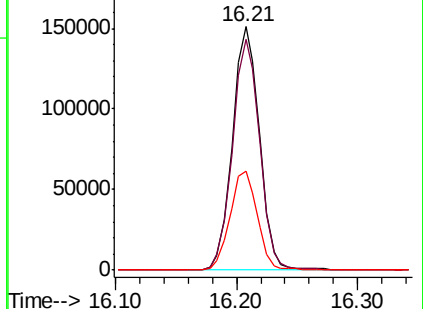
141 41.1 32.2 48.2



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

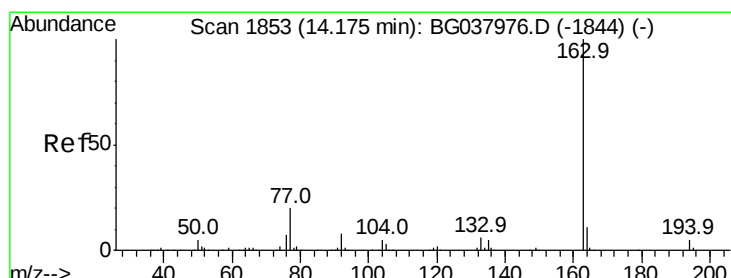
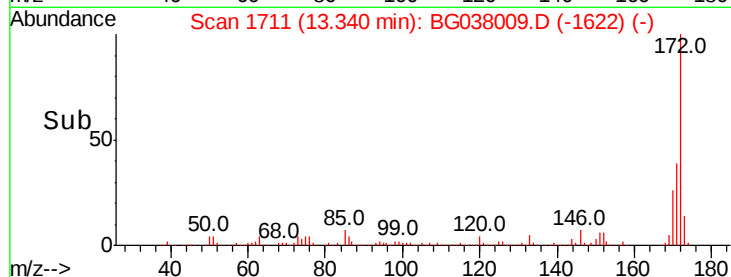
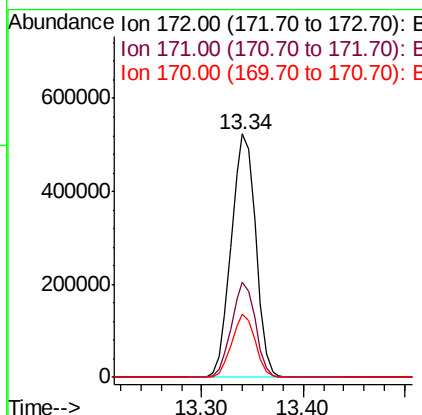
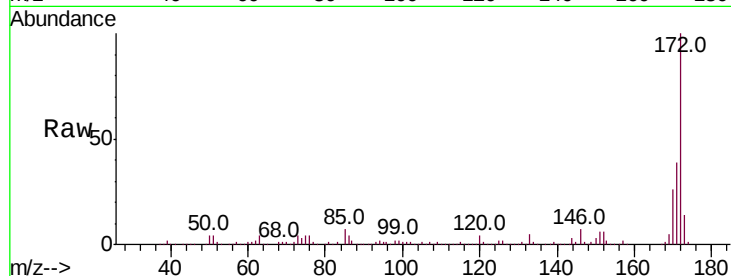




#45
2-Fluorobiphenyl
Concen: 94.688 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038009.D
Acq: 14 Nov 2018 22:54

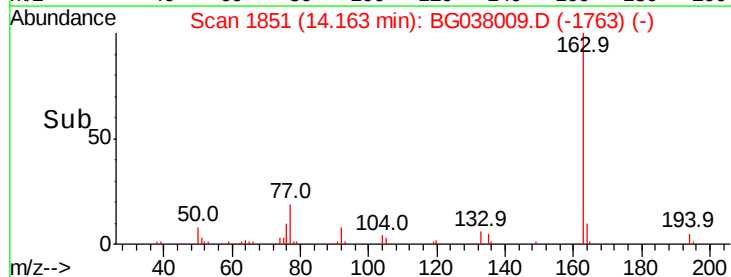
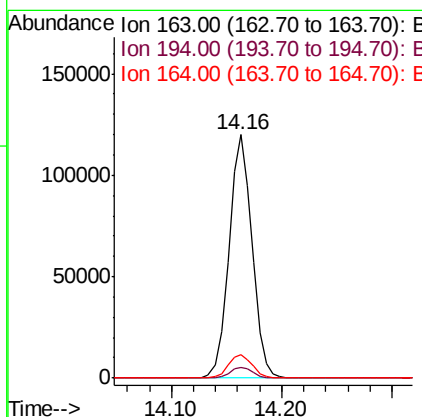
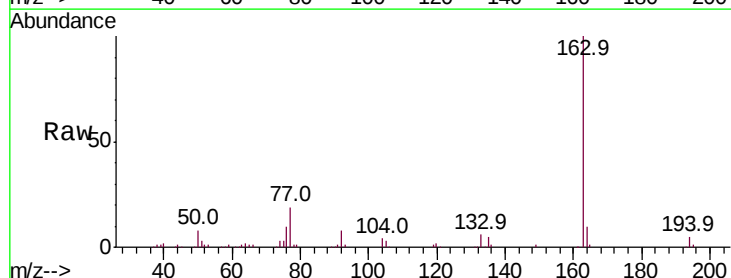
Instrument :
BNA_G
ClientSampleId :
BOTTOM-A

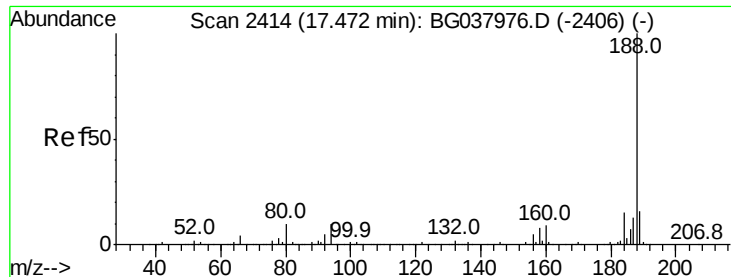
Tot Ion:172 Resp: 876634
Ion Ratio Lower Upper
172 100
171 38.8 31.0 46.4
170 25.8 20.2 30.2



#50
Dimethylphthalate
Concen: 16.346 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038009.D
Acq: 14 Nov 2018 22:54

Tgt Ion:163 Resp: 174782
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 9.8 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

Instrument :

BNA_G

ClientSampled :

BOTTOM-A

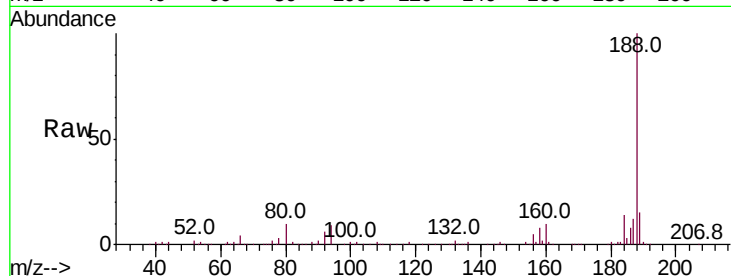
Tot Ion:188 Resp: 318836

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

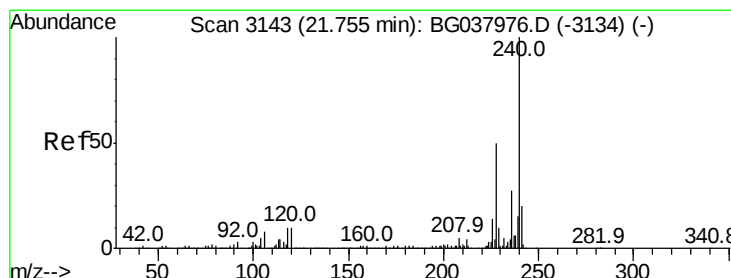
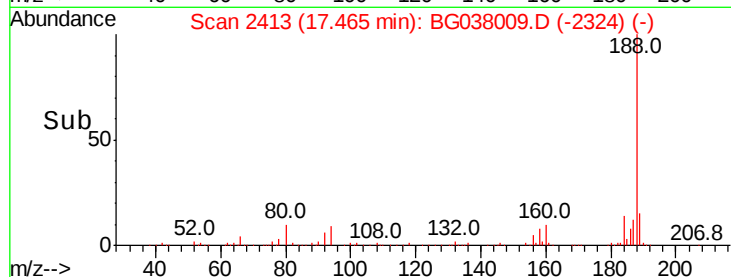
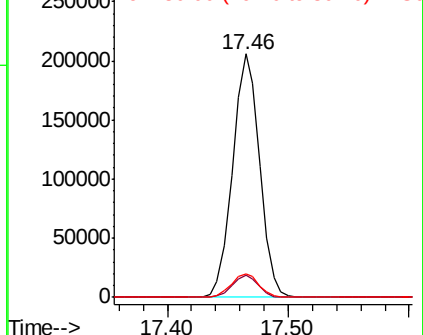
80 9.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038009.D

Acq: 14 Nov 2018 22:54

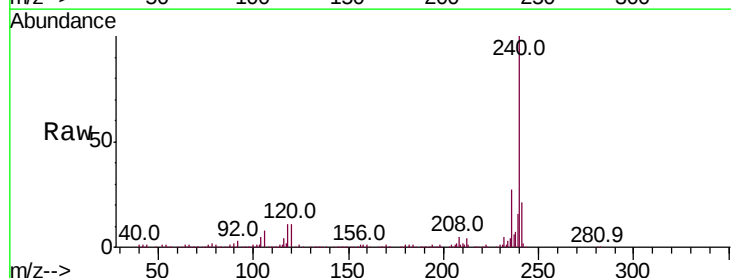
Tgt Ion:240 Resp: 289801

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

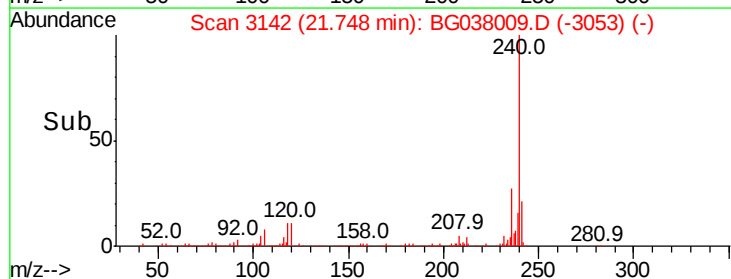
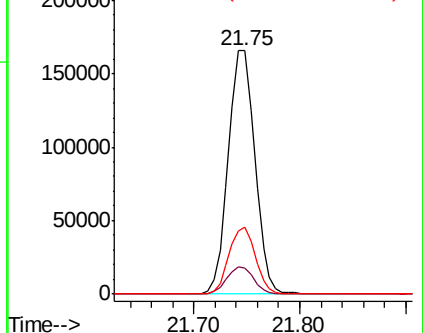
236 27.4 21.4 32.0

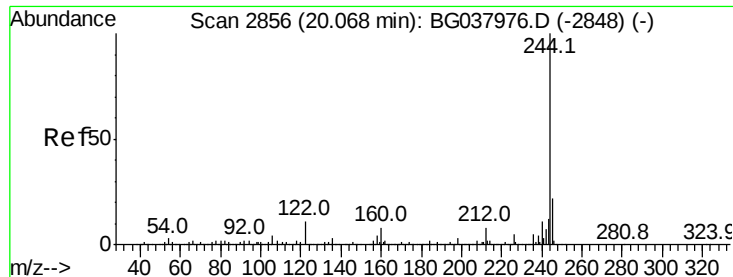


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

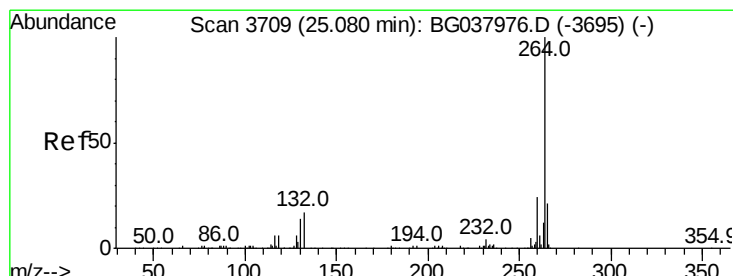
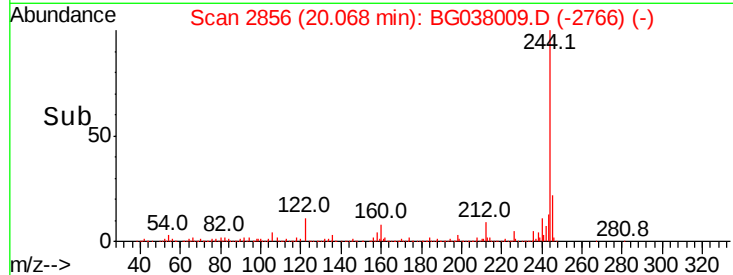
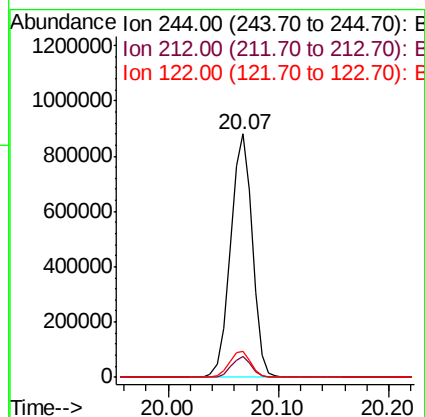
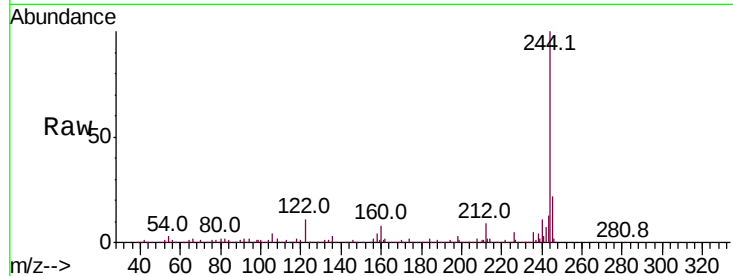




#79
 Terphenyl-d14
 Concen: 98.570 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038009.D
 Acq: 14 Nov 2018 22:54

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-A

Tot Ion:244 Resp: 1214008
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 10.9 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.01 min
 Lab File: BG038009.D
 Acq: 14 Nov 2018 22:54

Tgt Ion:264 Resp: 296399
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.4
 265 21.1 17.9 26.9

