

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038255.D
 Acq On : 30 Nov 2018 13:25
 Operator : JU/SJ
 Sample : J6083-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Nov 30 14:24:28 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

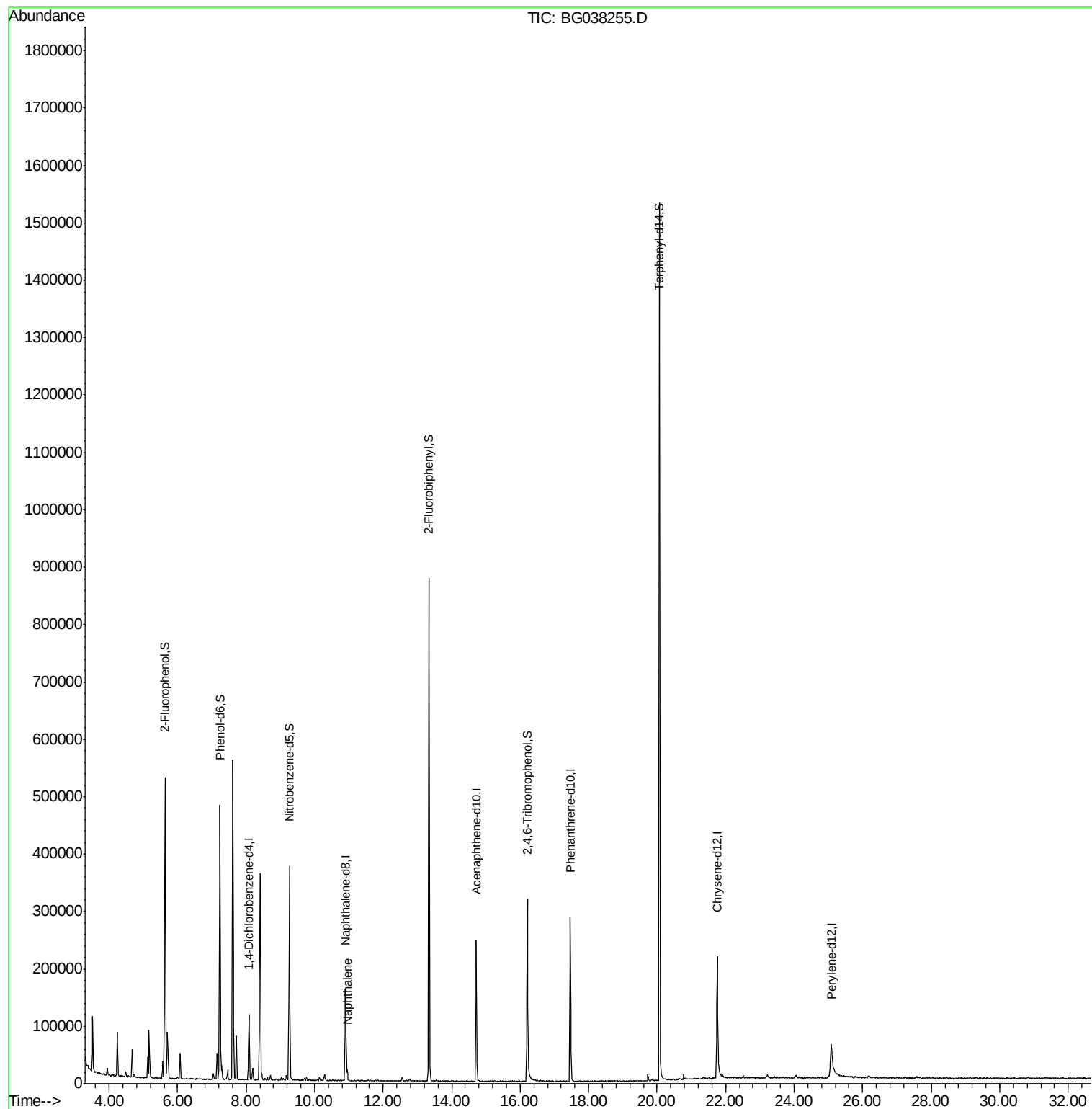
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	32266	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	143122	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	87467	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	196840	20.00	ng	0.00
76) Chrysene-d12	21.75	240	186820	20.00	ng	0.00
87) Perylene-d12	25.08	264	110172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	228061	122.04	ng	0.00
7) Phenol-d6	7.23	99	288340	108.09	ng	0.00
23) Nitrobenzene-d5	9.26	82	228385	85.42	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	71559	71.74	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	474108	78.97	ng	0.00
79) Terphenyl-d14	20.06	244	792951	99.87	ng	0.00
Target Compounds						
31) Naphthalene	10.95	128	16842	2.393	ng	Qvalue 98

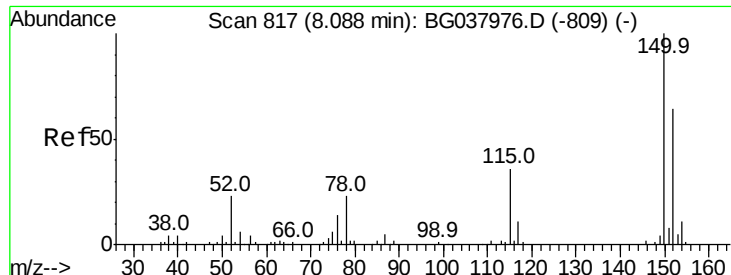
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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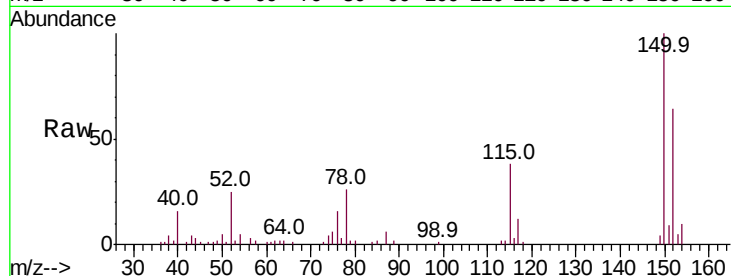


#1

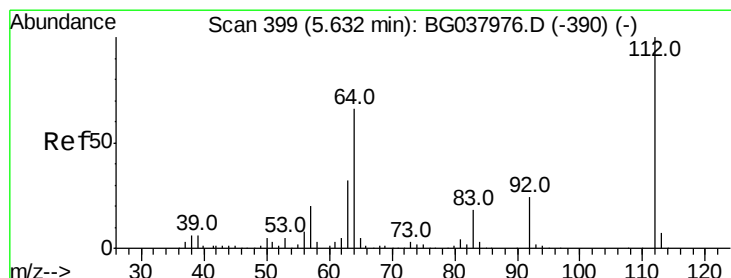
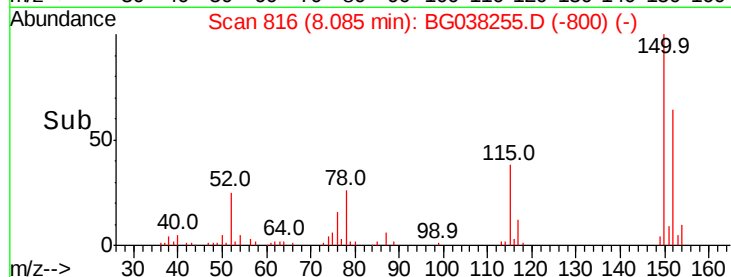
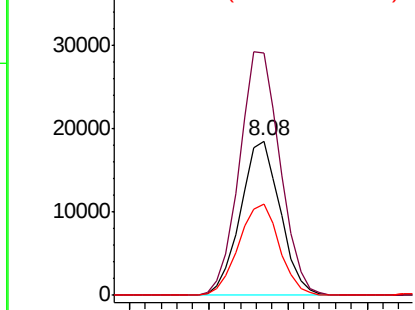
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038255.D
 Acq: 30 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tot Ion:152 Resp: 32266
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.0 189.0
 115 59.5 45.5 68.3



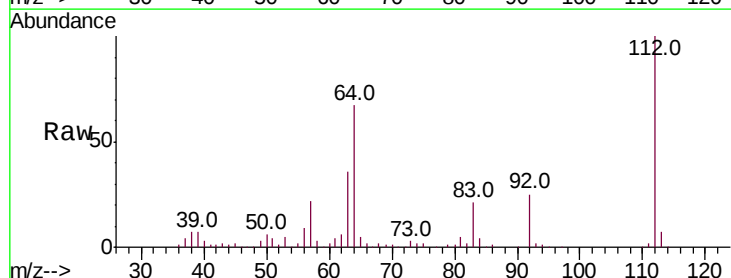
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



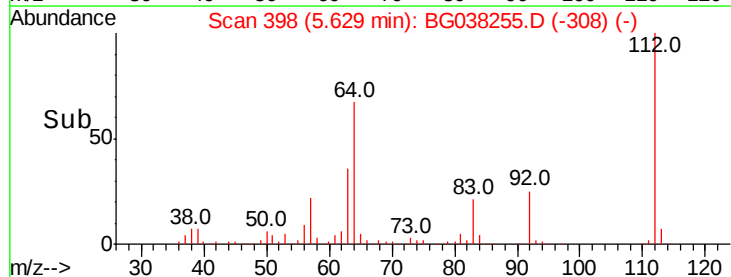
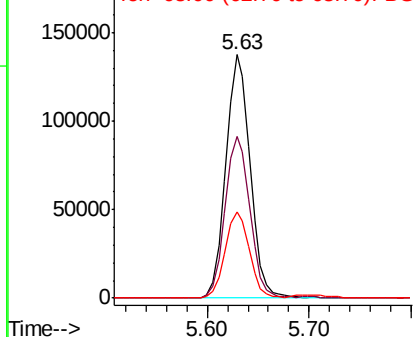
#5

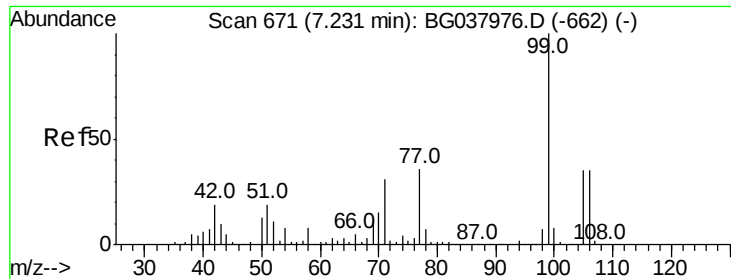
2-Fluorophenol
 Concen: 122.036 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038255.D
 Acq: 30 Nov 2018 13:25

Tgt Ion:112 Resp: 228061
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.1 79.7
 63 35.6 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: 108.090 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038255.D

Acq: 30 Nov 2018 13:25

Instrument :

BNA_G

ClientSampleId :

WC-2

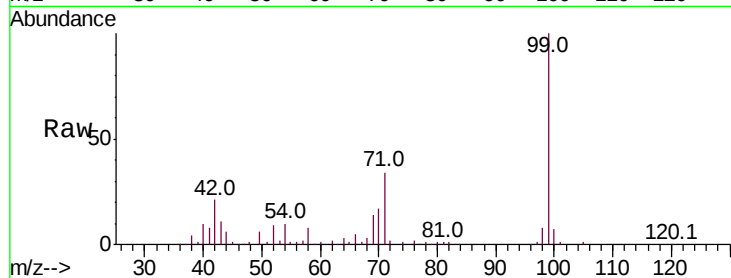
Tot Ion: 99 Resp: 288340

Ion Ratio Lower Upper

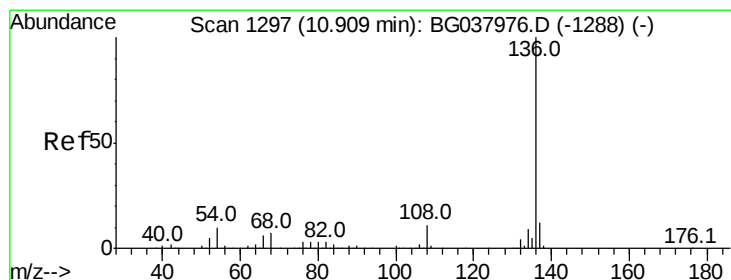
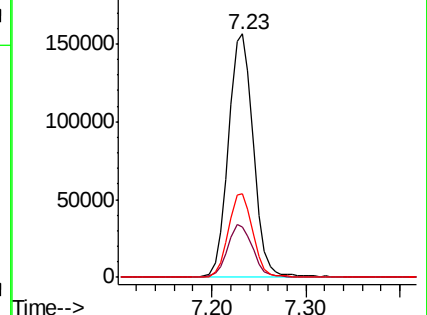
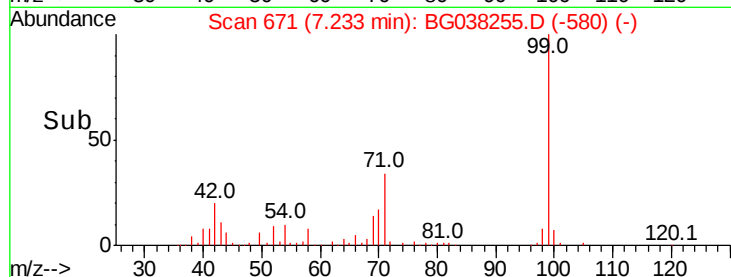
99 100

42 20.6 15.0 22.4

71 34.5 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# 1295

Delta R.T. -0.01 min

Lab File: BG038255.D

Acq: 30 Nov 2018 13:25

Tgt Ion: 136 Resp: 143122

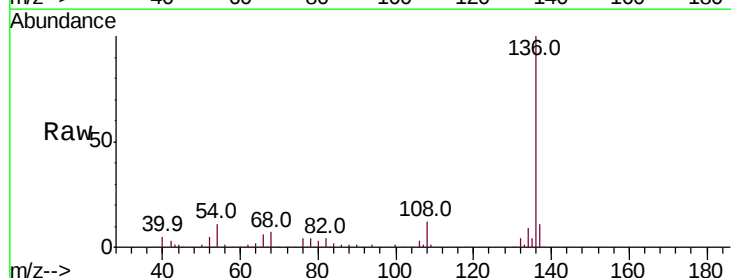
Ion Ratio Lower Upper

136 100

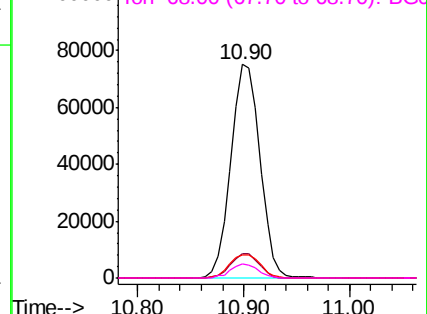
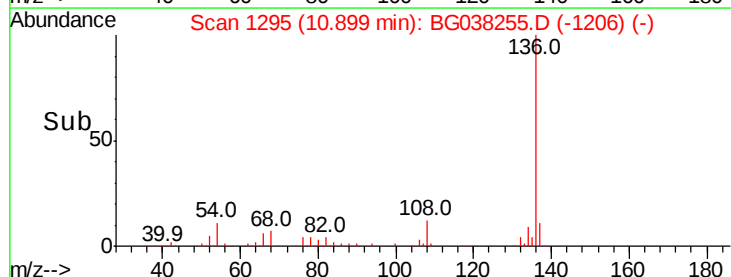
137 11.1 9.6 14.4

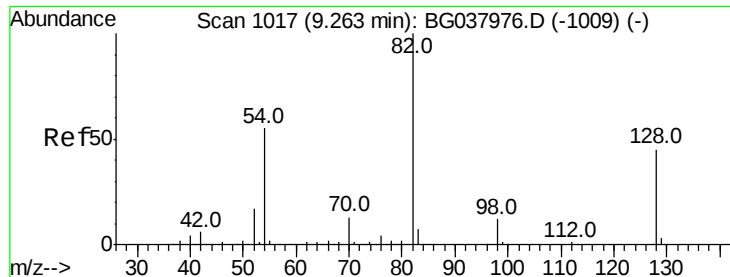
54 11.1 7.9 11.9

68 6.8 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

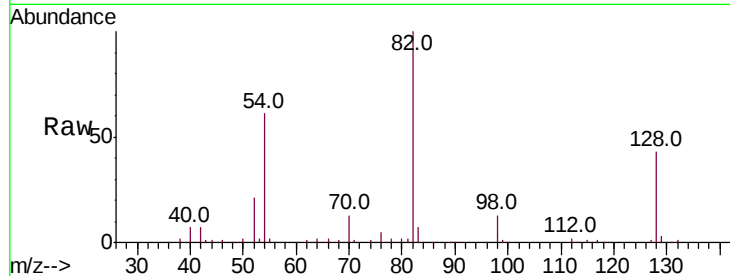




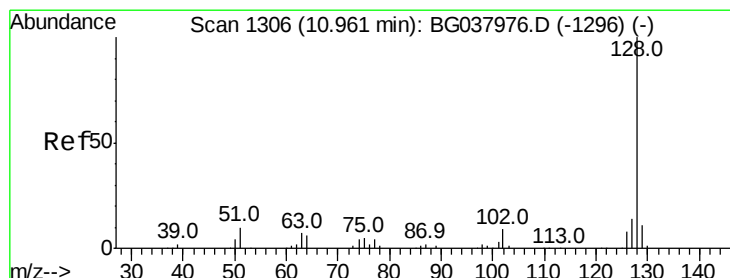
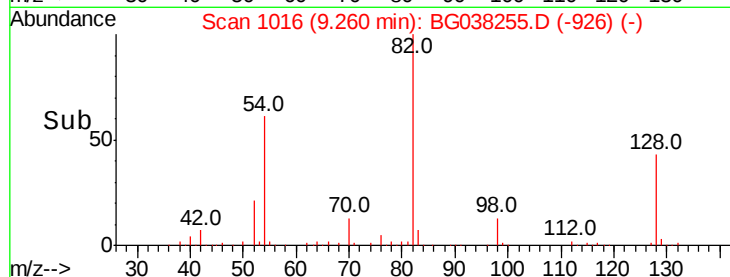
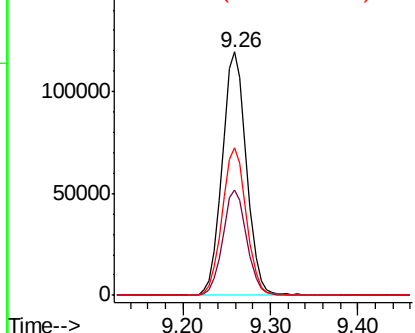
#23
Nitrobenzene-d5
Concen: 85.420 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tot Ion: 82 Resp: 228385
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 60.6 45.3 67.9

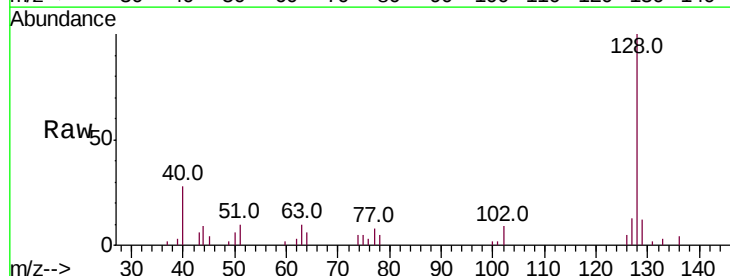


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

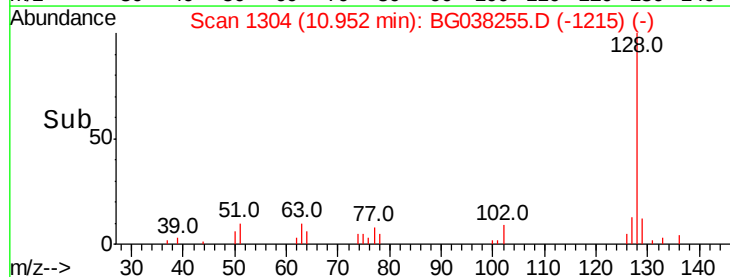
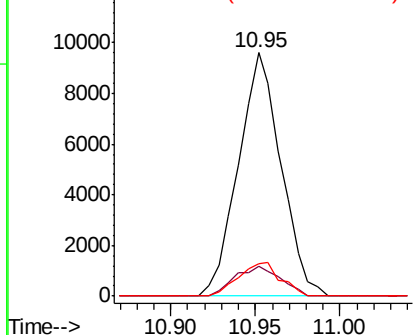


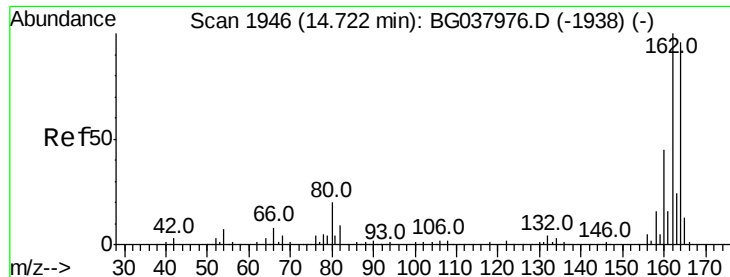
#31
Naphthalene
Concen: 2.393 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Tgt Ion: 128 Resp: 16842
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 13.1 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038255.D

Acq: 30 Nov 2018 13:25

Instrument :

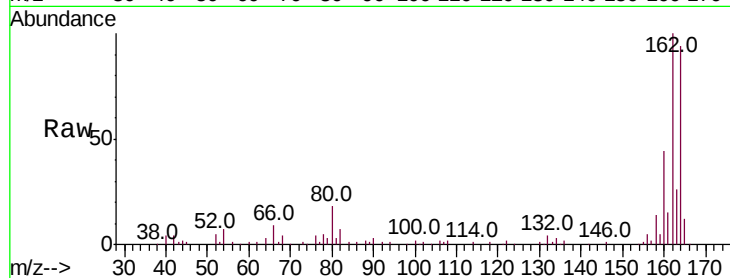
BNA_G

ClientSampleId :

WC-2

Tot Ion:164 Resp: 87467

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.3	121.9
160	47.1	36.3	54.5

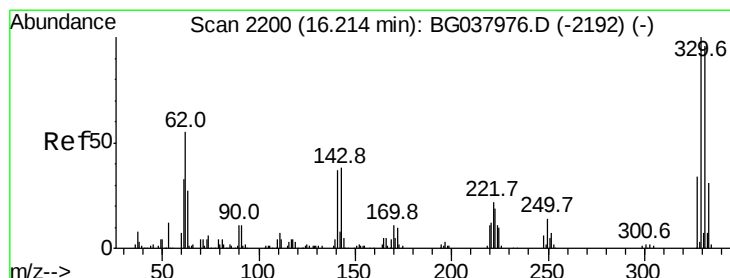
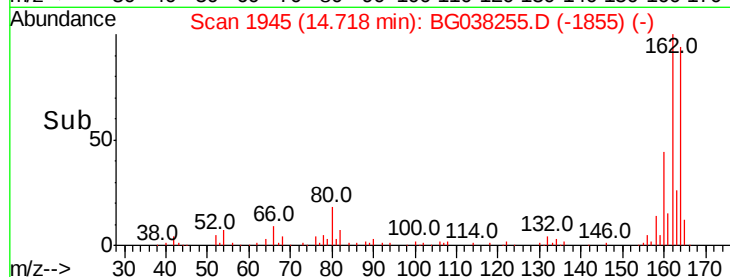
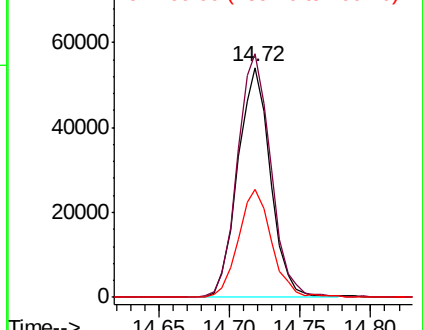


Abundance

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: 71.735 ng

RT: 16.20 min Scan# 2198

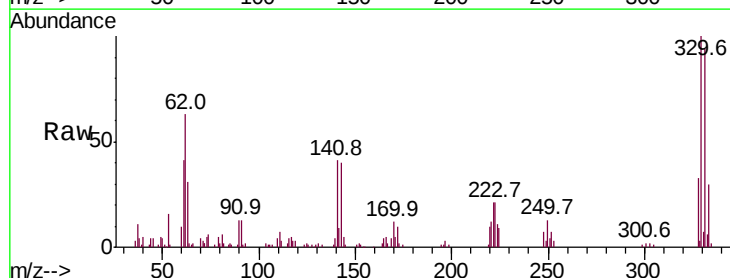
Delta R.T. -0.01 min

Lab File: BG038255.D

Acq: 30 Nov 2018 13:25

Tgt Ion:330 Resp: 71559

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.4	117.6
141	39.8	32.2	48.2

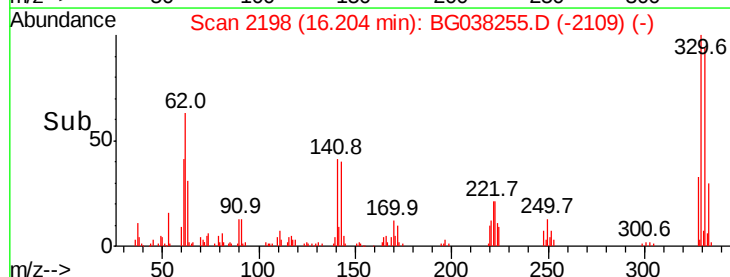
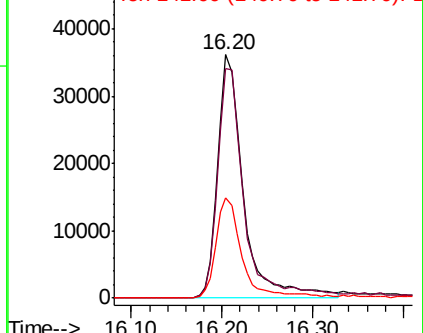


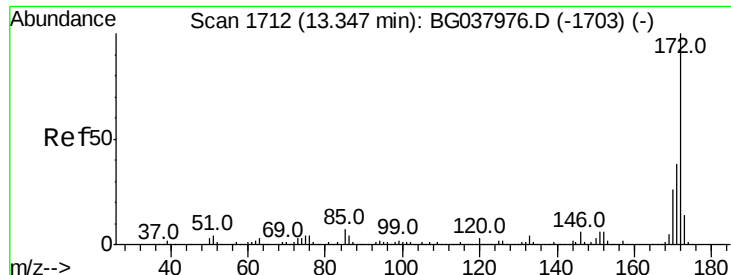
Abundance

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

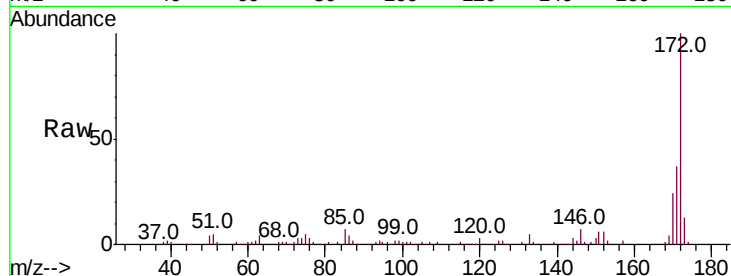




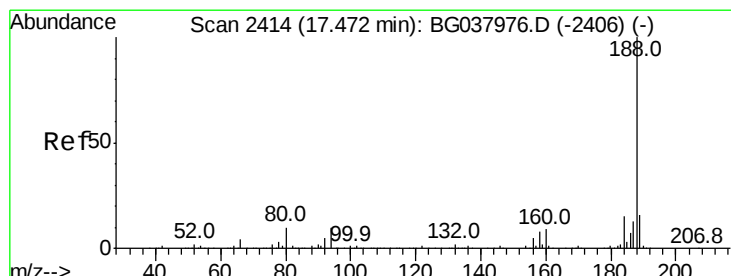
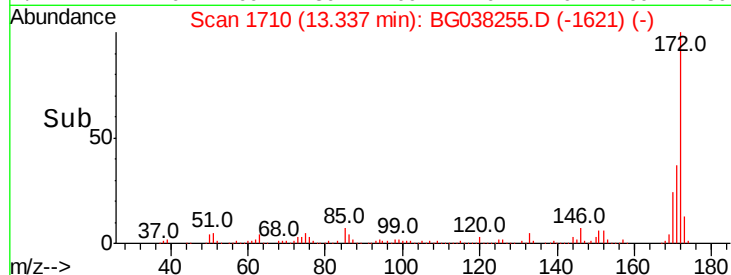
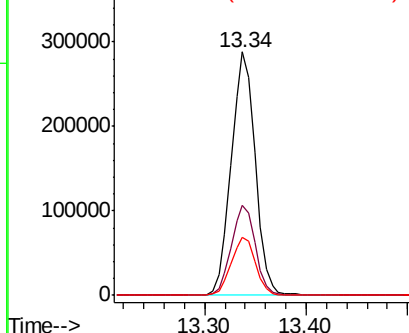
#45
 2-Fluorobiphenyl
 Concen: 78.967 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038255.D
 Acq: 30 Nov 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tot Ion:172 Resp: 474108
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 24.0 20.2 30.2

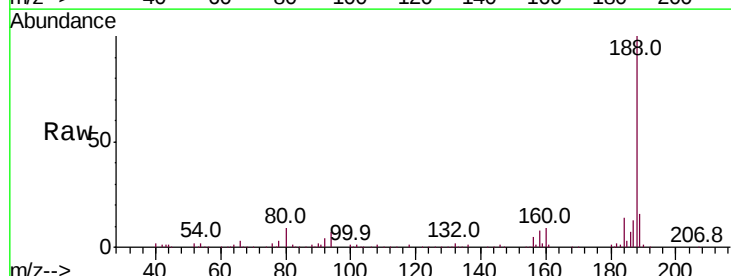


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

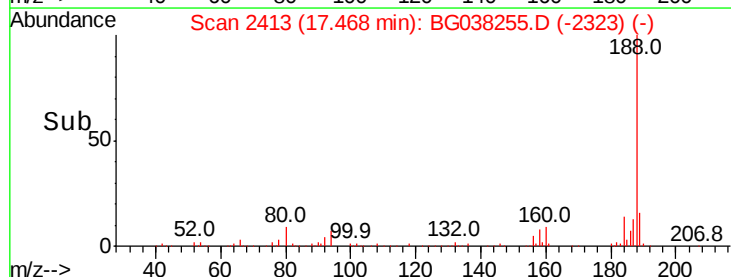
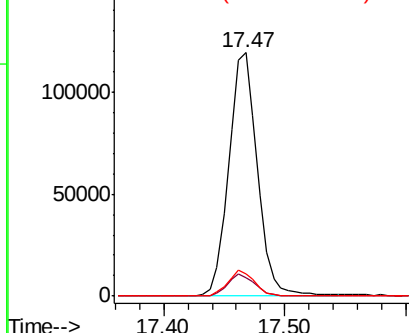


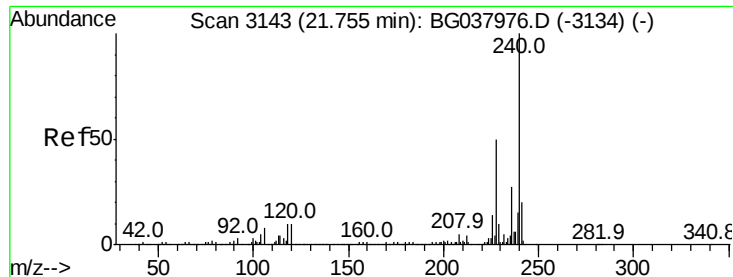
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038255.D
 Acq: 30 Nov 2018 13:25

Tgt Ion:188 Resp: 196840
 Ion Ratio Lower Upper
 188 100
 94 7.4 7.2 10.8
 80 8.9 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. -0.00 min

Lab File: BG038255.D

Acq: 30 Nov 2018 13:25

Instrument :

BNA_G

ClientSampleId :

WC-2

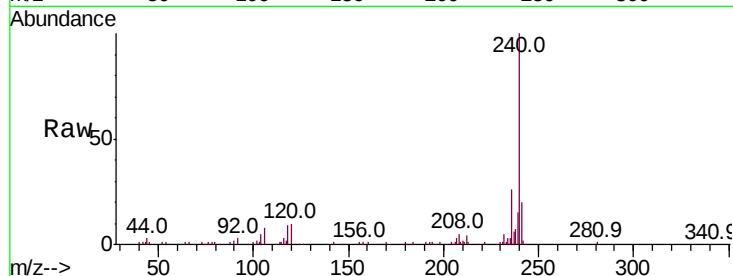
Tot Ion:240 Resp: 186820

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

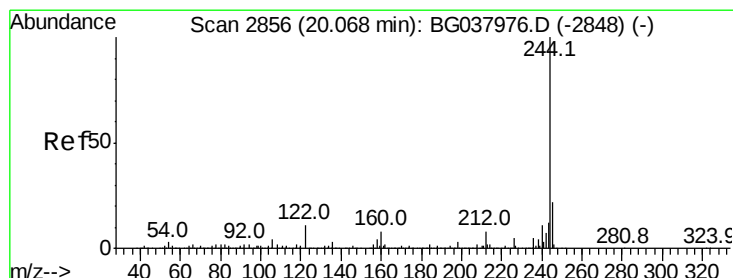
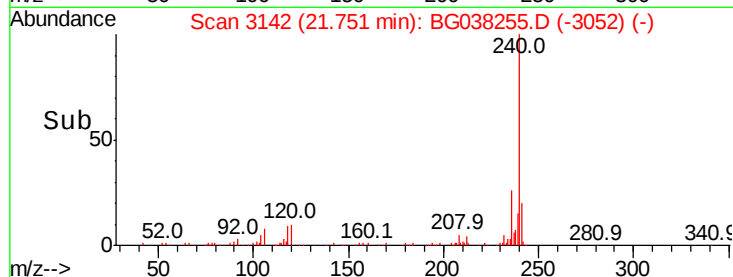
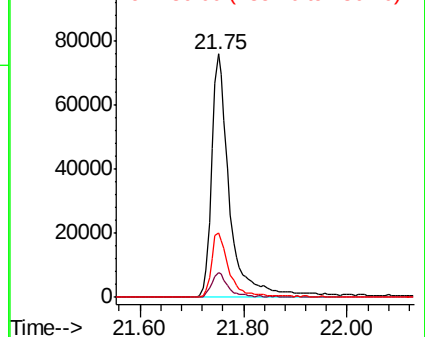
236 26.2 21.4 32.0



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: 99.873 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038255.D

Acq: 30 Nov 2018 13:25

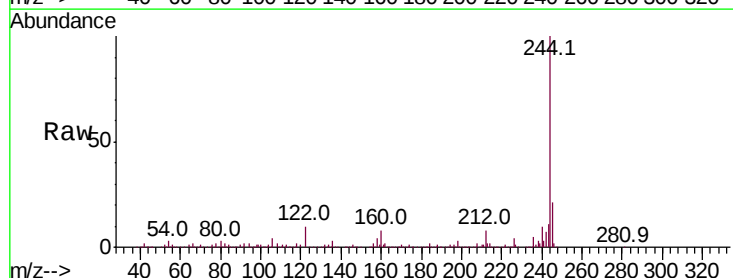
Tgt Ion:244 Resp: 792951

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

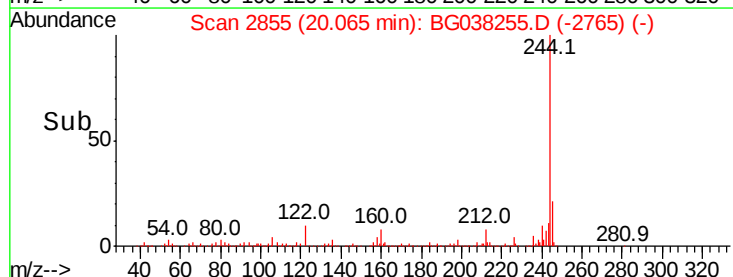
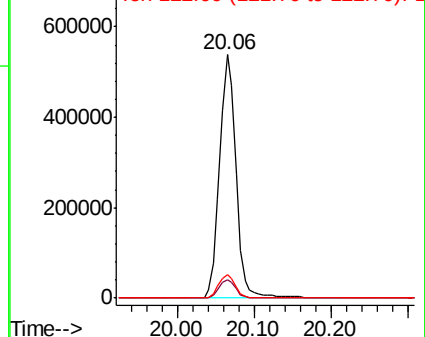
122 9.7 9.0 13.4

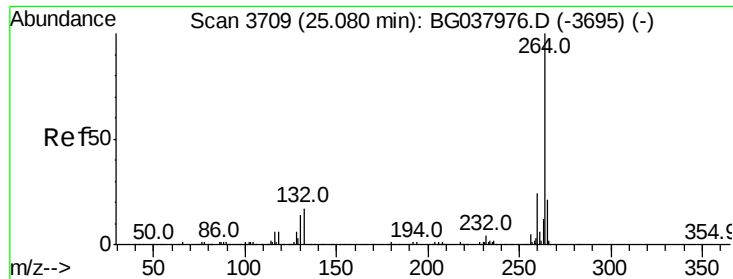


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038255.D
Acq: 30 Nov 2018 13:25

Instrument :
BNA_G
ClientSampleId :
WC-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.2	27.4
265	20.0	17.9	26.9

