

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038460.D
 Acq On : 11 Dec 2018 7:26
 Operator : JU/SJ
 Sample : J6309-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181207-CD

Quant Time: Dec 11 10:22:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25960	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	108669	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73240	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	186999	20.00	ng	0.00
76) Chrysene-d12	21.73	240	185765	20.00	ng	-0.01
87) Perylene-d12	25.04	264	183343	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	182559	124.45	ng	0.00
7) Phenol-d6	7.22	99	234500	110.60	ng	0.00
23) Nitrobenzene-d5	9.25	82	182153	83.22	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	128869	143.33	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	434203	84.48	ng	0.00
79) Terphenyl-d14	20.06	244	811754	93.61	ng	0.00

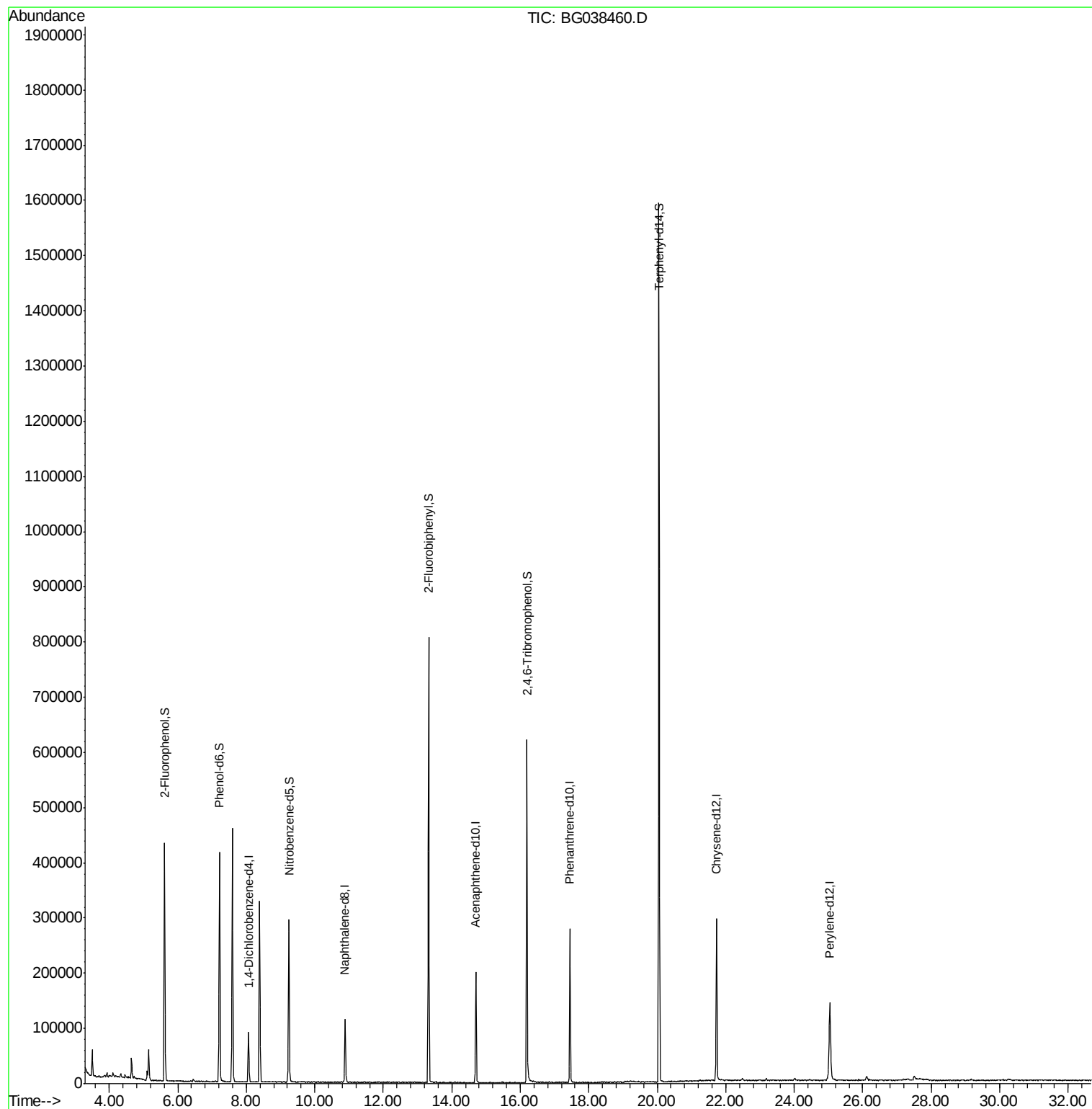
Target Compounds Qvalue

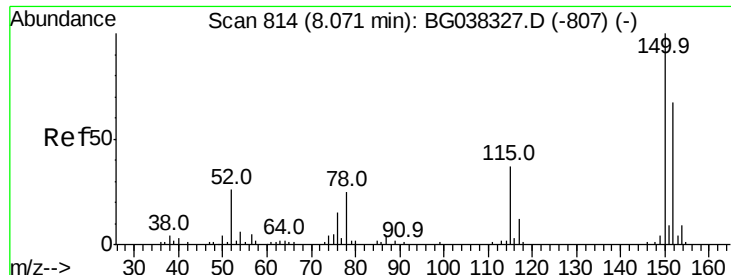
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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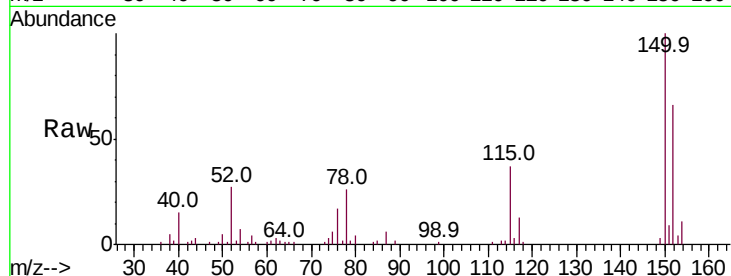


#1

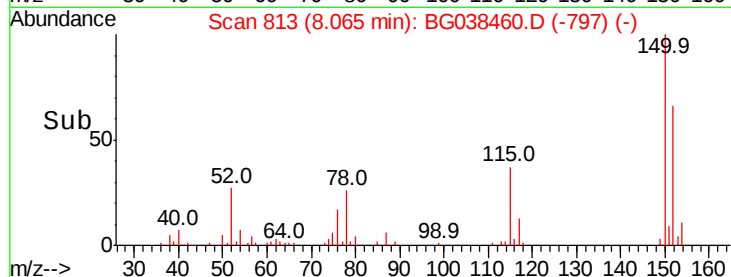
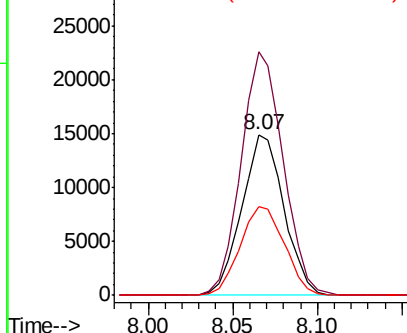
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038460.D
Acq: 11 Dec 2018 7:26

Instrument :
BNA_G
ClientSampleId :
WC-20181207-CD

Tot Ion:152 Resp: 25960
Ion Ratio Lower Upper
152 100
150 151.4 126.0 189.0
115 55.3 45.5 68.3



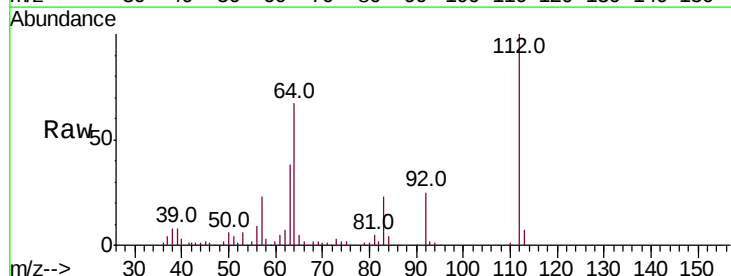
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



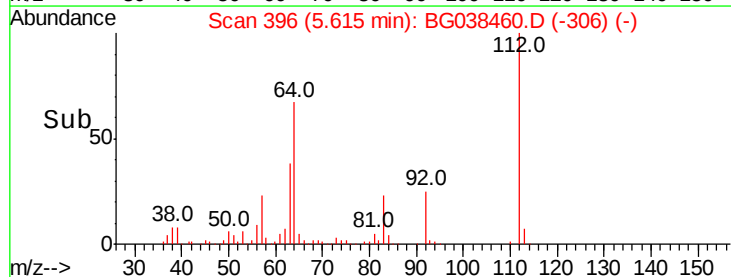
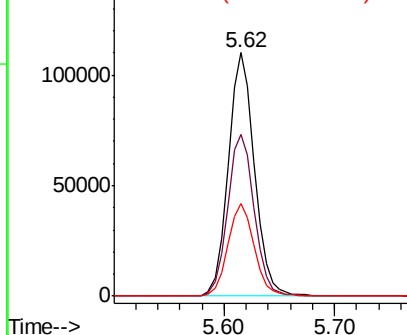
#5

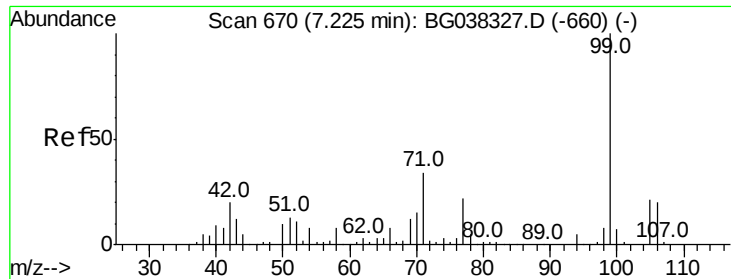
2-Fluorophenol
Concen: 124.447 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038460.D
Acq: 11 Dec 2018 7:26

Tgt Ion:112 Resp: 182559
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 38.3 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: 110.600 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038460.D

Acq: 11 Dec 2018 7:26

Instrument :

BNA_G

ClientSampleId :

WC-20181207-CD

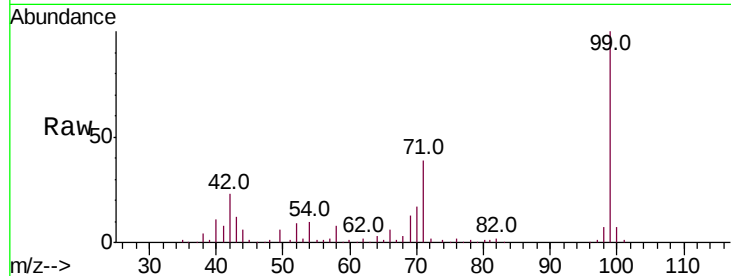
Tot Ion: 99 Resp: 234500

Ion Ratio Lower Upper

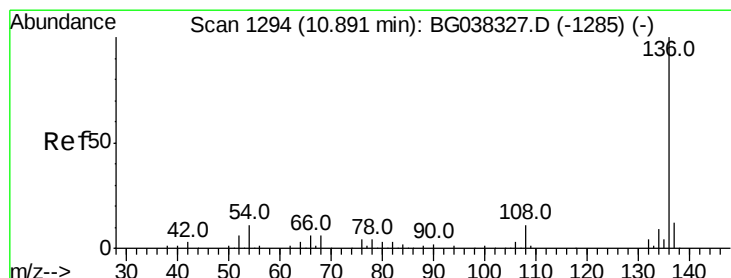
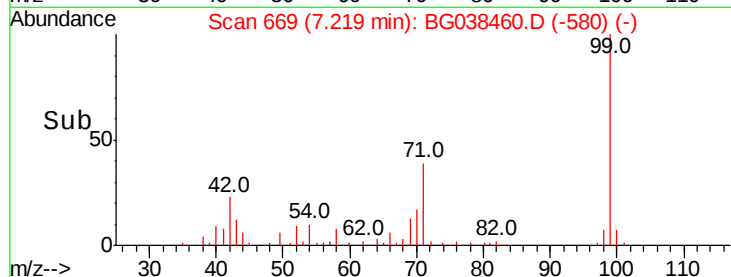
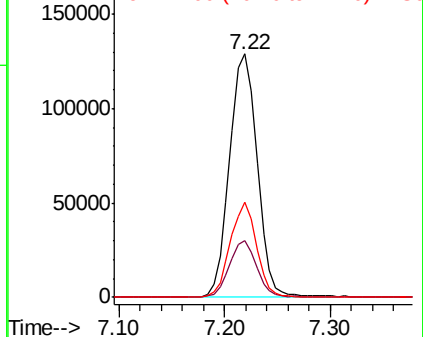
99 100

42 23.2 15.0 22.4#

71 39.2 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: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038460.D

Acq: 11 Dec 2018 7:26

Tgt Ion: 136 Resp: 108669

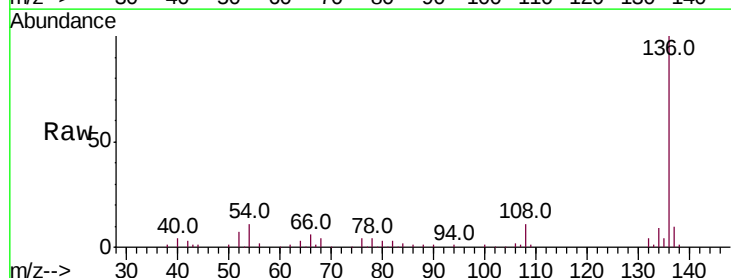
Ion Ratio Lower Upper

136 100

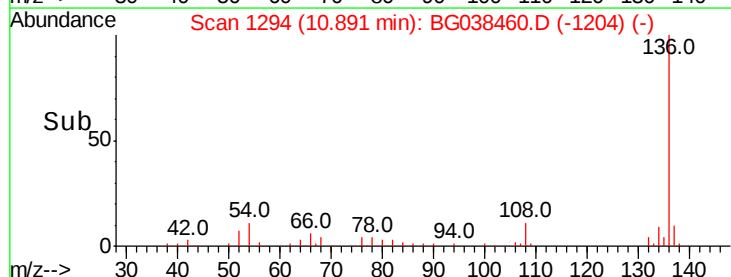
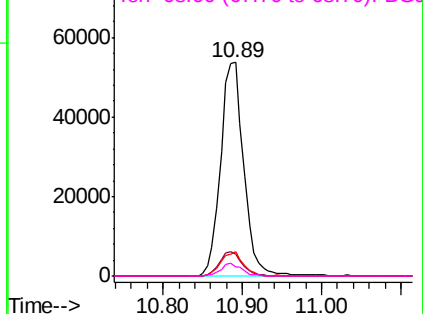
137 10.1 9.6 14.4

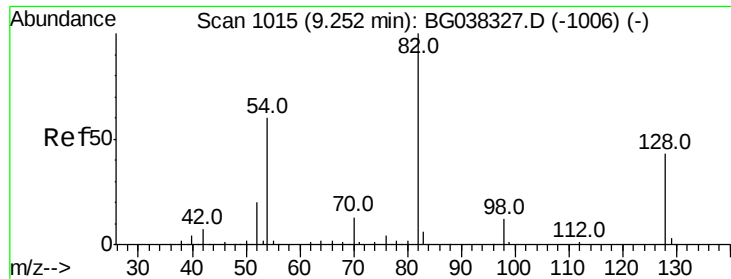
54 11.1 7.9 11.9

68 4.2 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

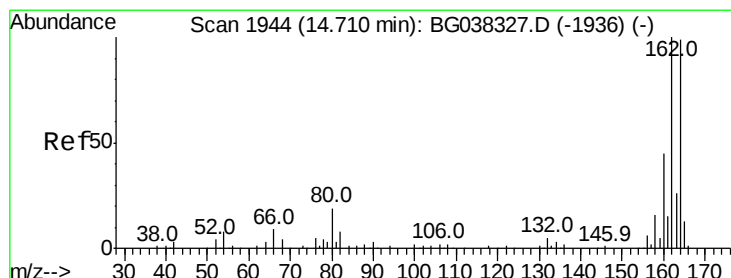
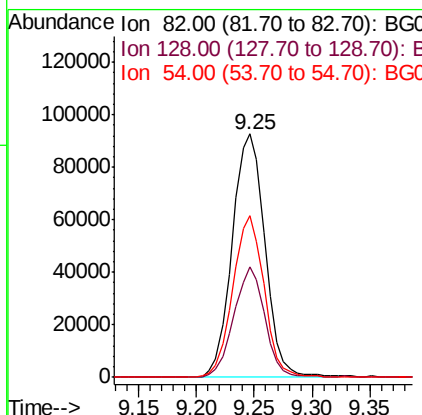
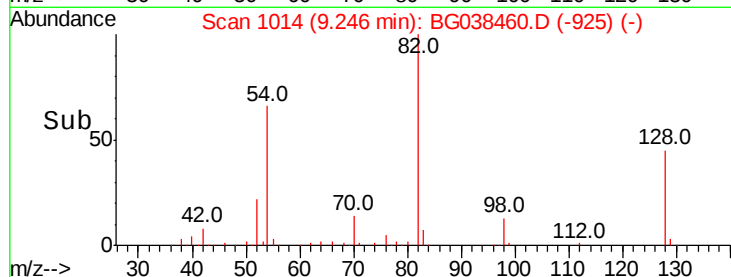
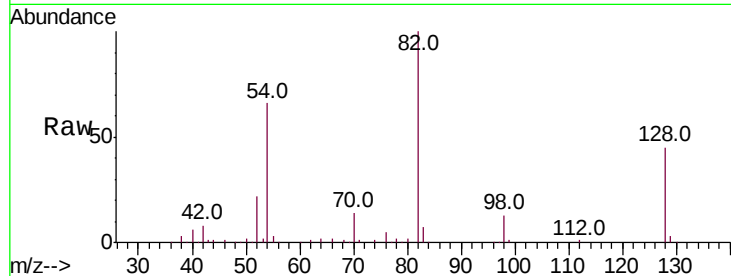




#23
Nitrobenzene-d5
Concen: 83.221 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038460.D
Acq: 11 Dec 2018 7:26

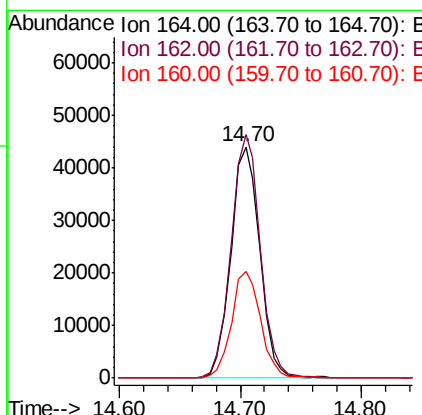
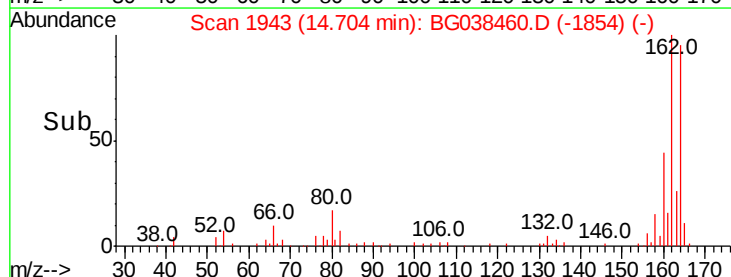
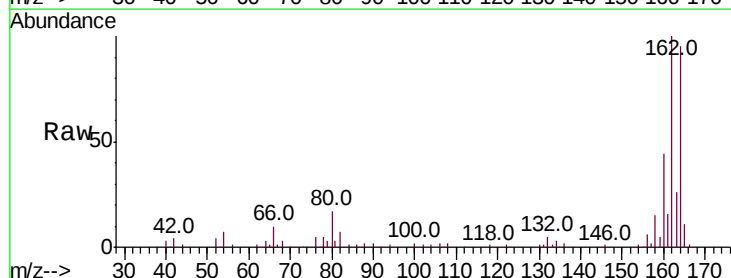
Instrument :
BNA_G
ClientSampleId :
WC-20181207-CD

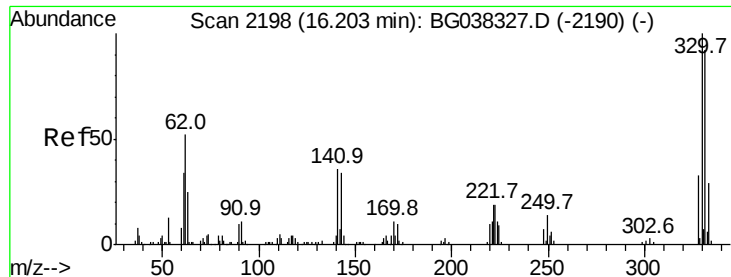
Tot Ion: 82 Resp: 182153
Ion Ratio Lower Upper
82 100
128 45.2 34.6 51.8
54 66.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038460.D
Acq: 11 Dec 2018 7:26

Tgt Ion:164 Resp: 73240
Ion Ratio Lower Upper
164 100
162 105.4 81.3 121.9
160 46.1 36.3 54.5

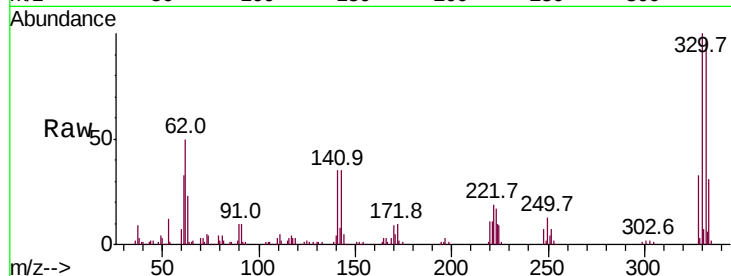




#42
 2,4,6-Tribromophenol
 Concen: 143.329 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038460.D
 Acq: 11 Dec 2018 7:26

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181207-CD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.4	117.6
141	36.8	32.2	48.2

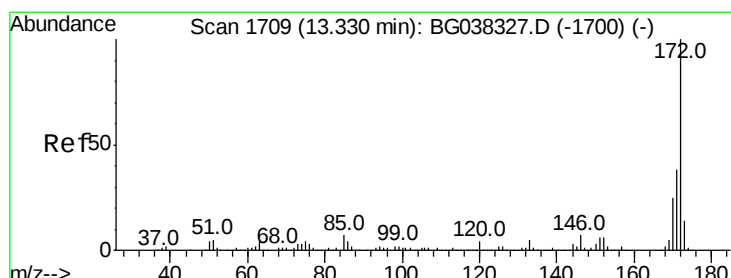
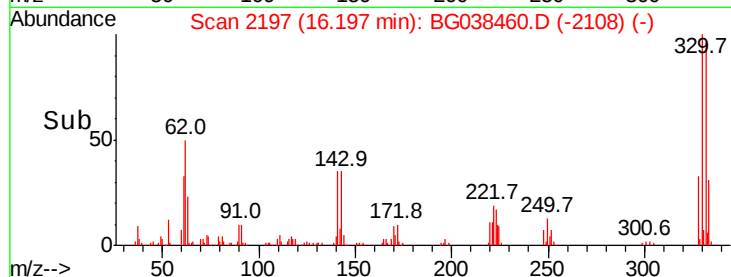
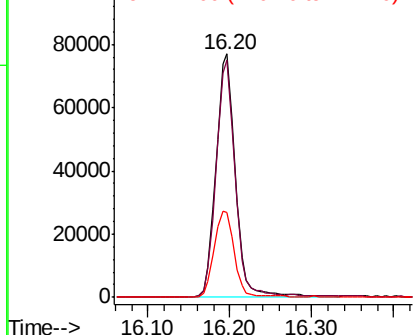


Abundance

Ion 329.80 (329.50 to 330.50): E

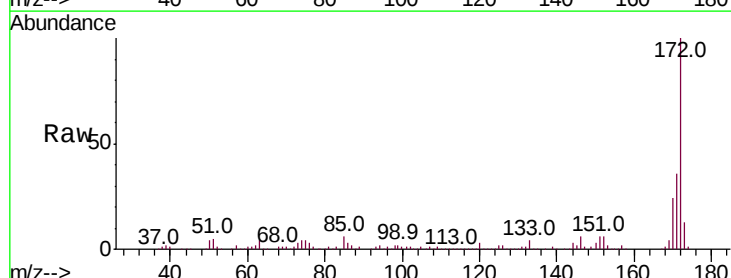
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.476 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038460.D
 Acq: 11 Dec 2018 7:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.0	46.4
170	23.9	20.2	30.2

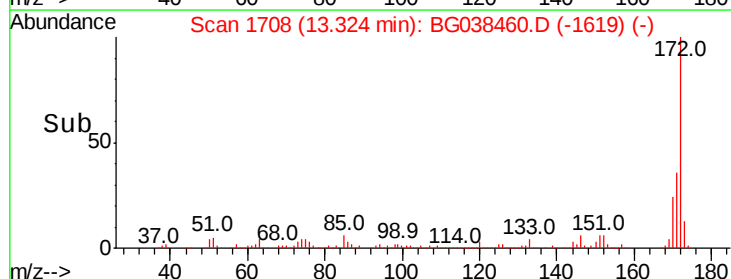
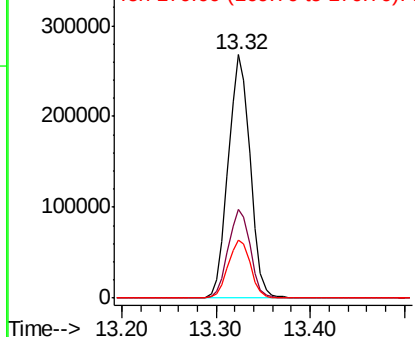


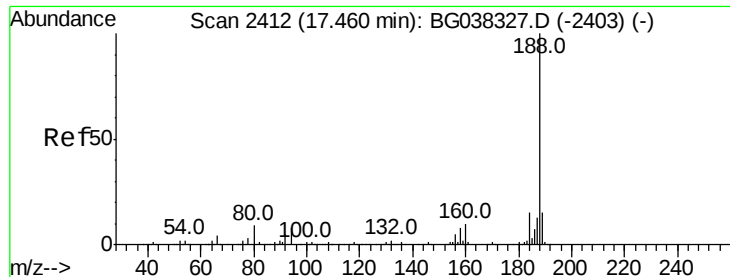
Abundance

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

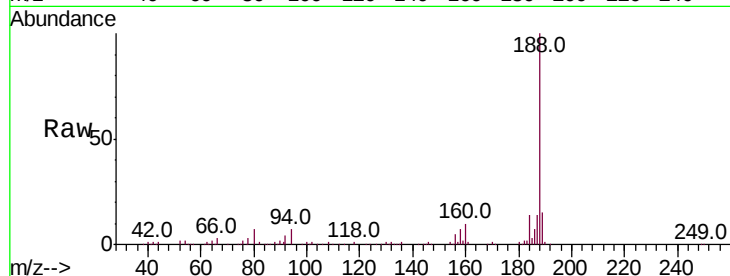




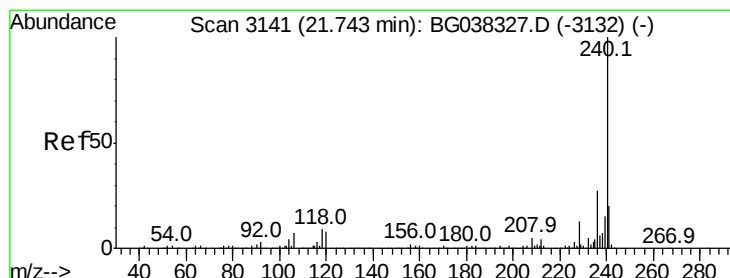
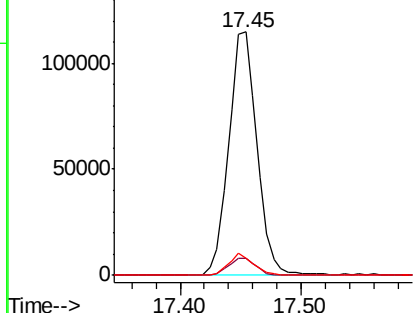
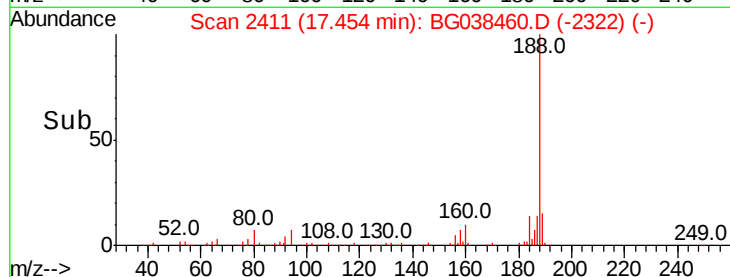
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038460.D
Acq: 11 Dec 2018 7:26

Instrument :
BNA_G
ClientSampleId :
WC-20181207-CD

Tot Ion:188 Resp: 186999
Ion Ratio Lower Upper
188 100
94 6.8 7.2 10.8#
80 7.2 7.7 11.5#

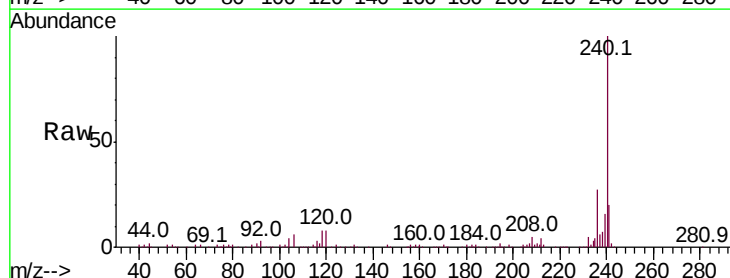


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

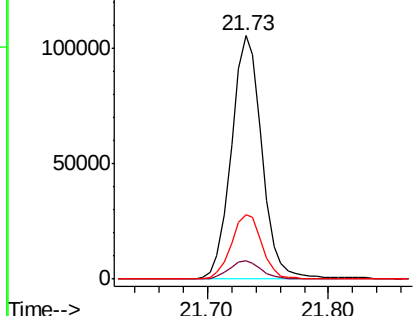
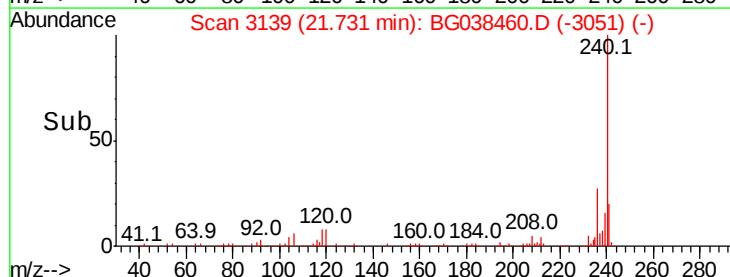


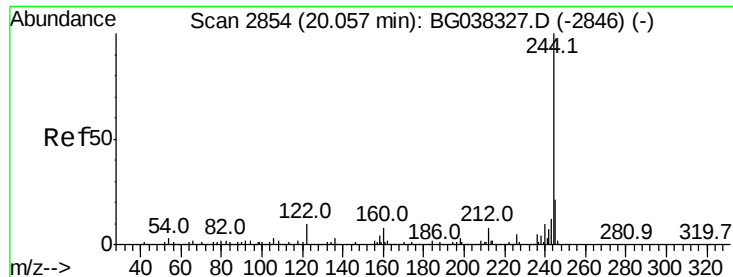
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038460.D
Acq: 11 Dec 2018 7:26

Tgt Ion:240 Resp: 185765
Ion Ratio Lower Upper
240 100
120 7.8 8.1 12.1#
236 26.6 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: 93.612 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038460.D

Acq: 11 Dec 2018 7:26

Instrument :

BNA_G

ClientSampleId :

WC-20181207-CD

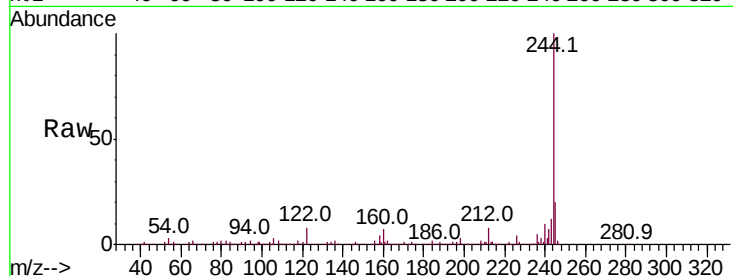
Tot Ion:244 Resp: 811754

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

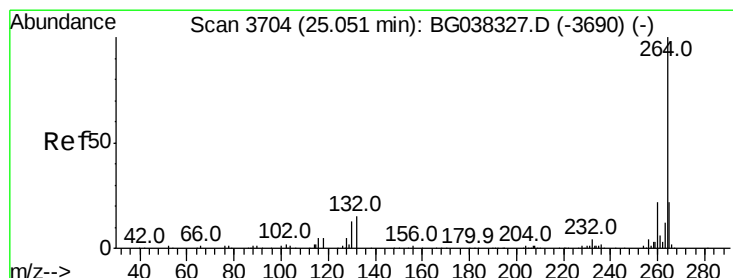
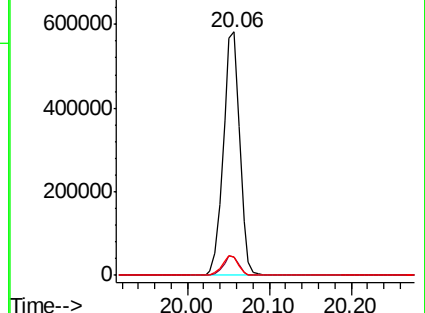
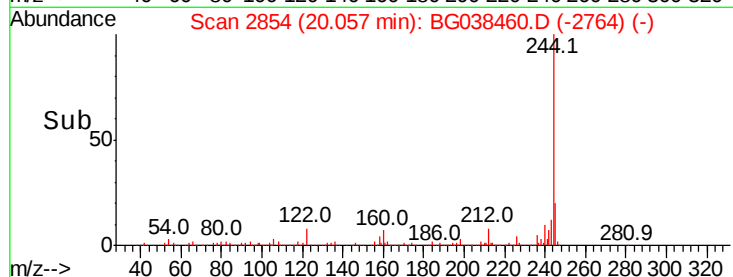
122 7.5 9.0 13.4#



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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038460.D

Acq: 11 Dec 2018 7:26

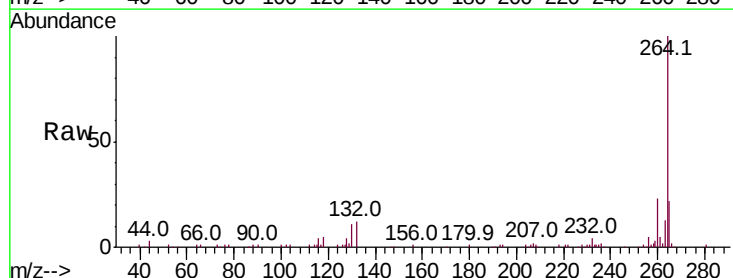
Tgt Ion:264 Resp: 183343

Ion Ratio Lower Upper

264 100

260 22.9 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

