

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031213.D
 Acq On : 23 Nov 2017 6:58
 Operator : SJ/JU
 Sample : I6305-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-C

Quant Time: Nov 23 23:48:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	53548	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	226250	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	146724	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	386728	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	504885	20.00	ng	-0.02
86) Perylene-d12	25.07	264	503564	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	423842	135.73	ng	0.00
7) Phenol-d6	7.30	99	499473	118.72	ng	0.00
23) Nitrobenzene-d5	9.30	82	353646	92.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	285824	120.42	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	979993	95.97	ng	-0.02
78) Terphenyl-d14	20.09	244	2036079	89.05	ng	-0.01

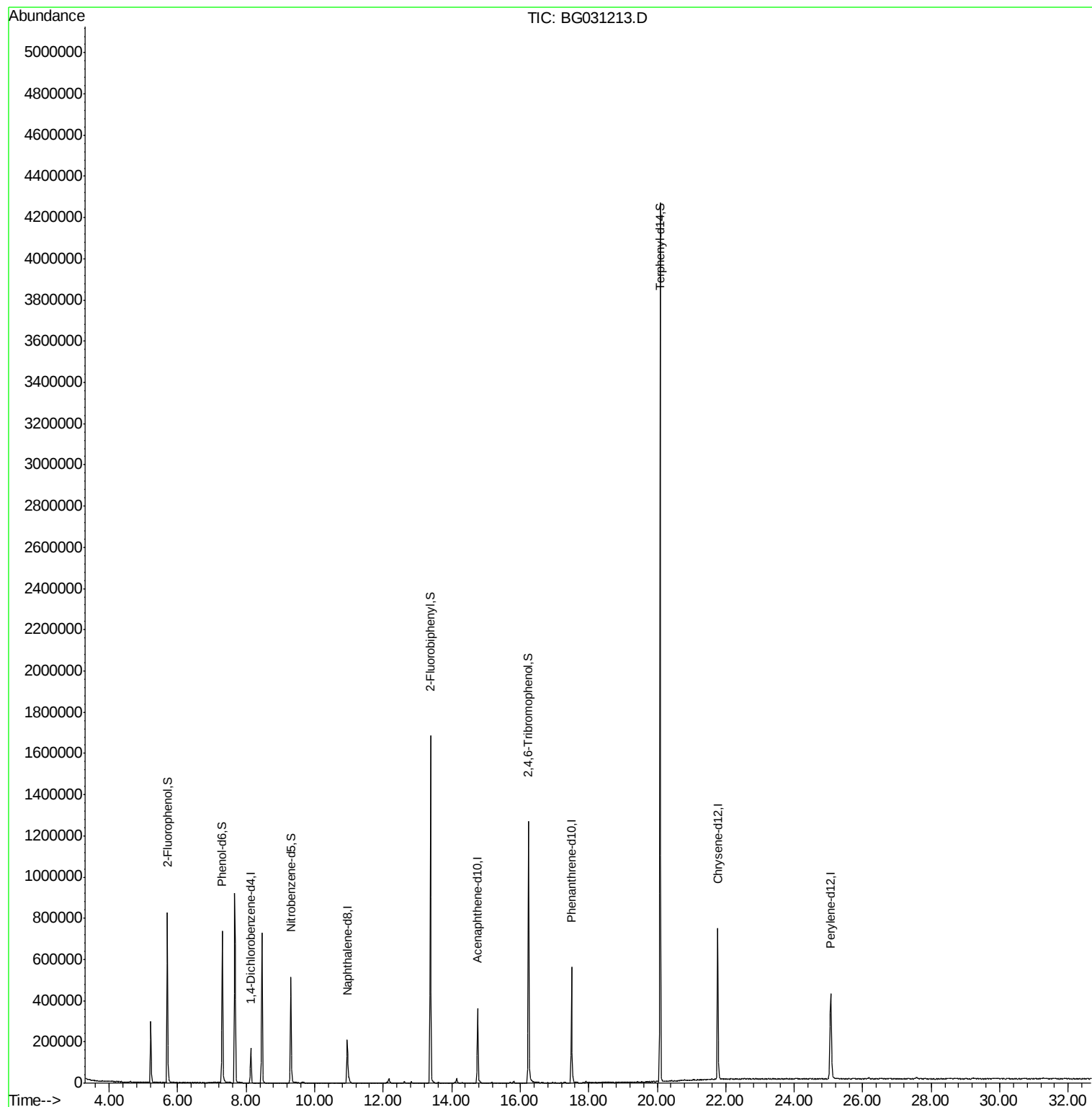
Target Compounds Qvalue

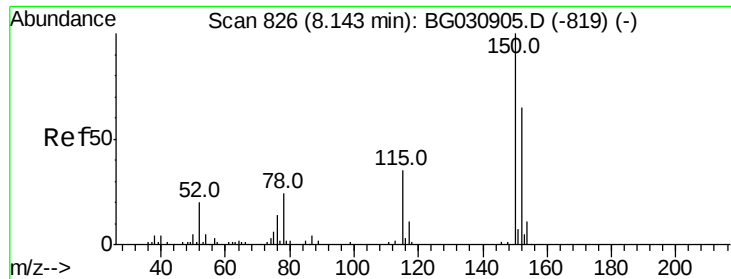
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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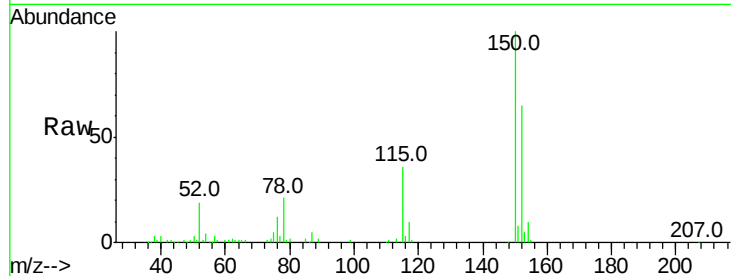


#1

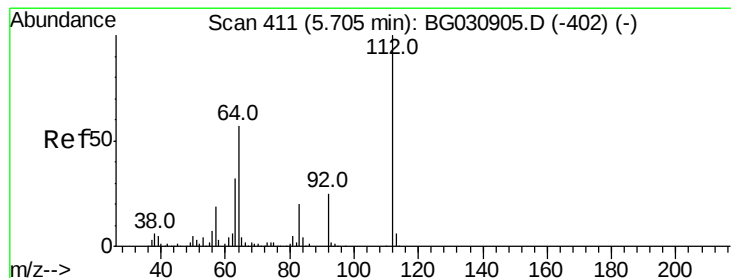
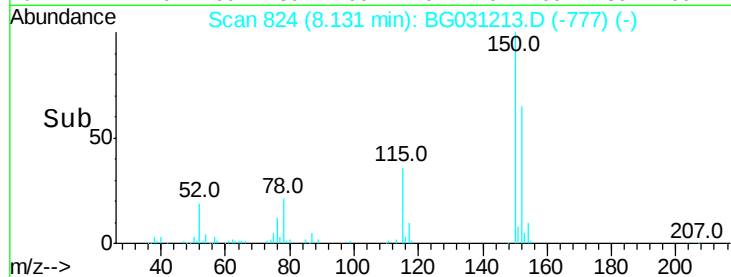
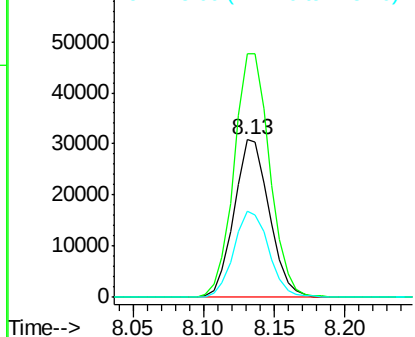
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031213.D
Acq: 23 Nov 2017 6:58

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-C

Tot Ion:152 Resp: 53548
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 54.9 53.0 79.4



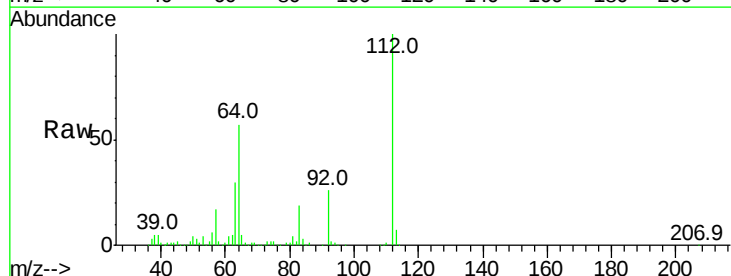
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



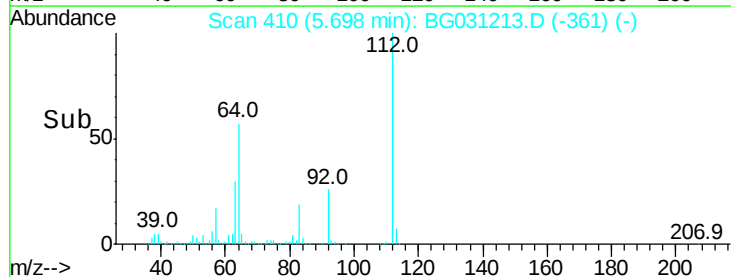
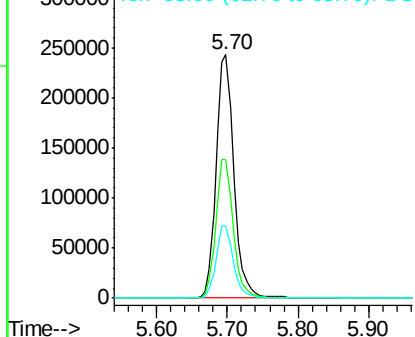
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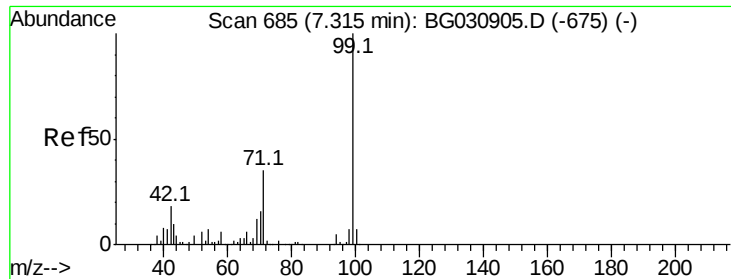
2-Fluorophenol
Concen: 135.726 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031213.D
Acq: 23 Nov 2017 6:58

Tgt Ion:112 Resp: 423842
Ion Ratio Lower Upper
112 100
64 57.0 56.3 84.5
63 29.7 30.1 45.1#



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: 118.723 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031213.D

Acq: 23 Nov 2017 6:58

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-C

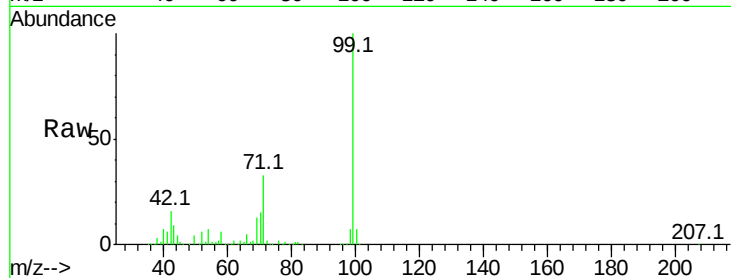
Tot Ion: 99 Resp: 499473

Ion Ratio Lower Upper

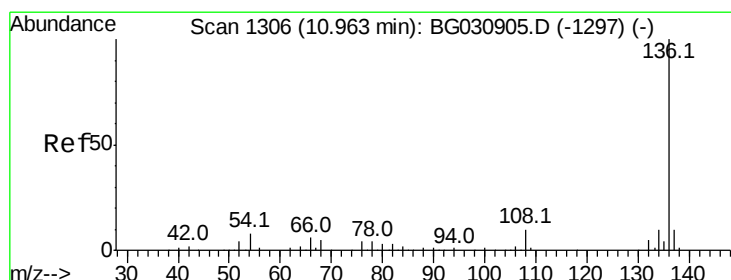
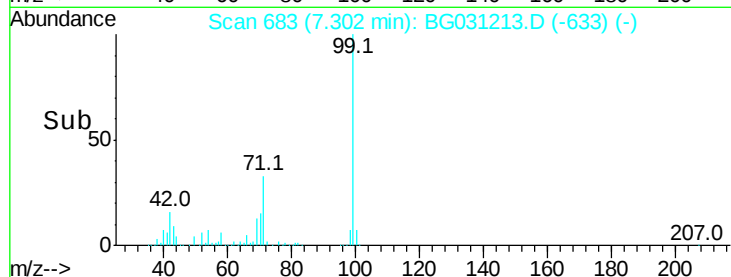
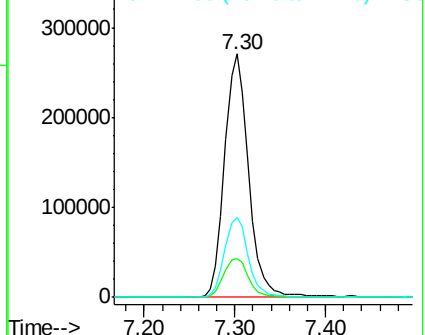
99 100

42 16.1 14.1 21.1

71 32.5 26.1 39.1



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: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031213.D

Acq: 23 Nov 2017 6:58

Tgt Ion: 136 Resp: 226250

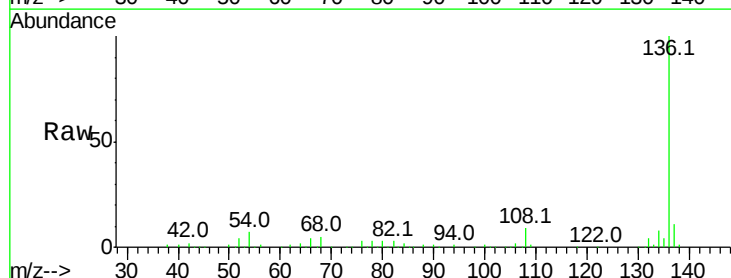
Ion Ratio Lower Upper

136 100

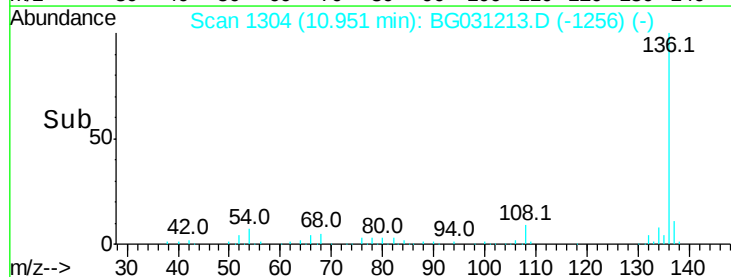
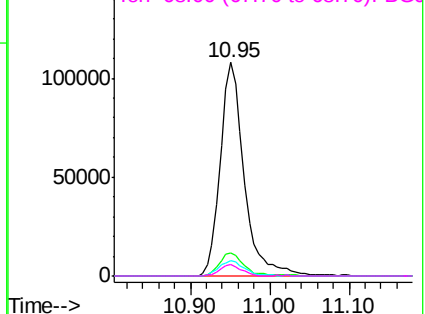
137 11.1 9.2 13.8

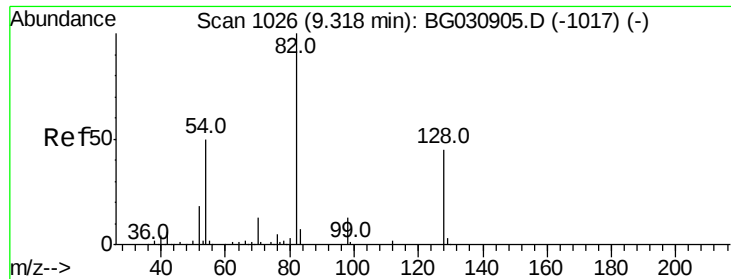
54 7.1 10.3 15.5#

68 5.2 4.5 6.7



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

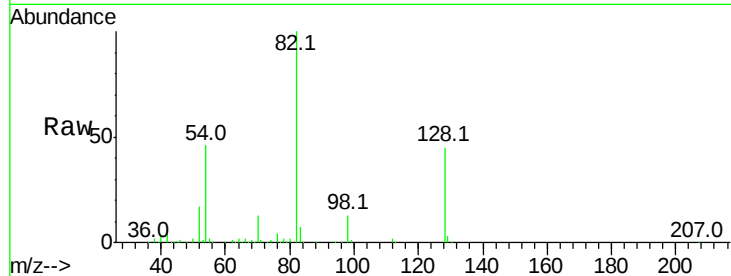




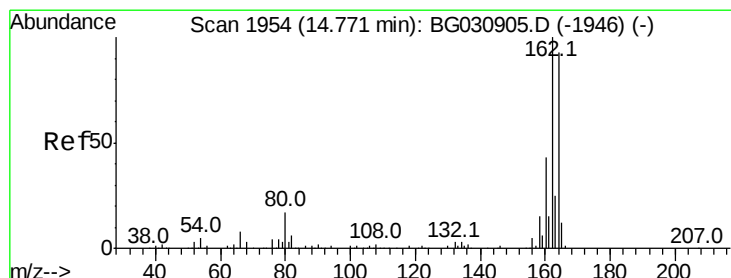
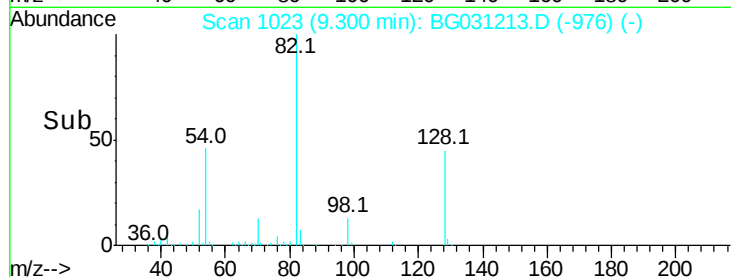
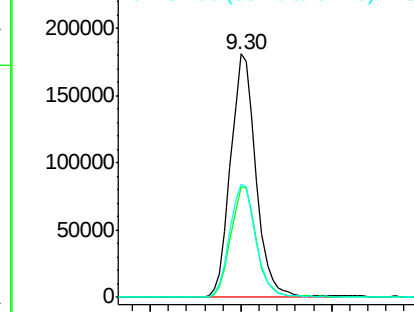
#23
 Nitrobenzene-d5
 Concen: 92.622 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031213.D
 Acq: 23 Nov 2017 6:58

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-C

Tot Ion	82	Resp	353646
Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	46.4	43.1	64.7

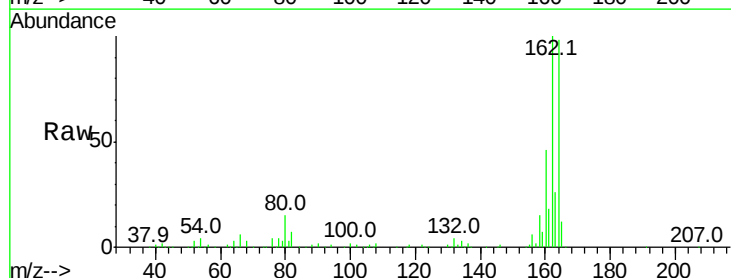


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

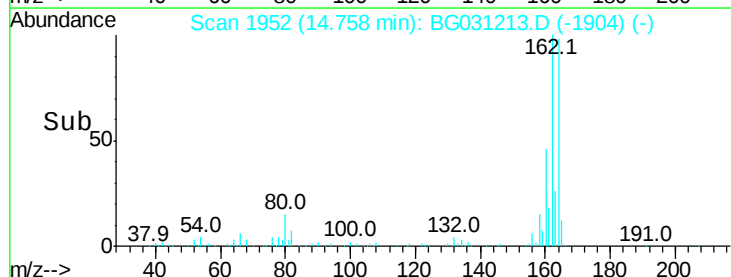
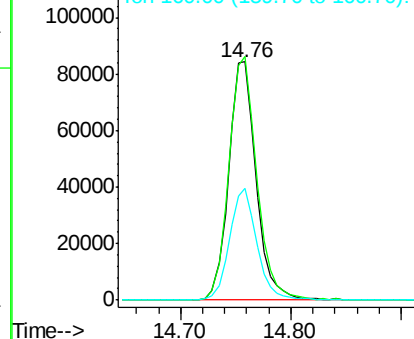


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031213.D
 Acq: 23 Nov 2017 6:58

Tgt Ion	164	Resp	146724
Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	46.9	35.4	53.0



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

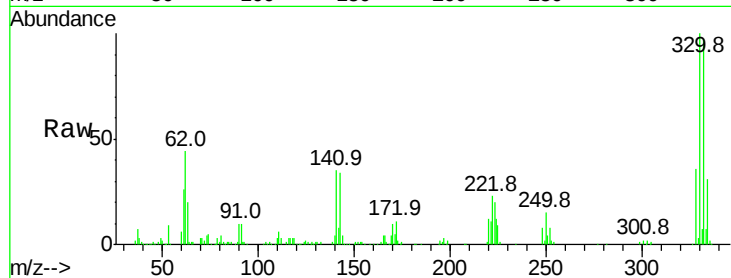




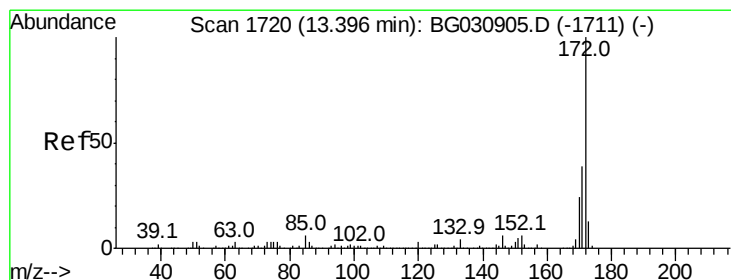
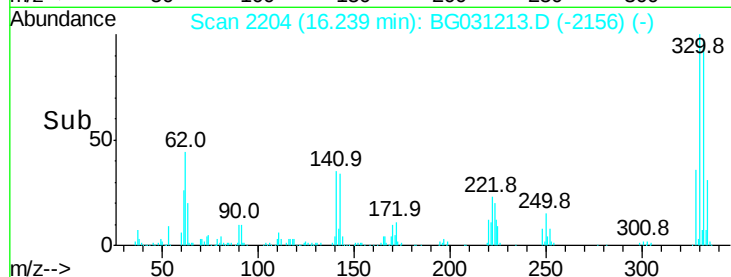
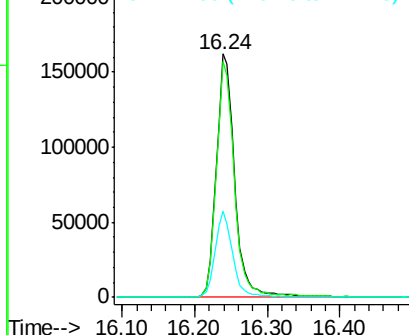
#41
 2,4,6-Tribromophenol
 Concen: 120.422 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031213.D
 Acq: 23 Nov 2017 6:58

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-C

Tot Ion:330 Resp: 285824
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 33.6 25.2 37.8

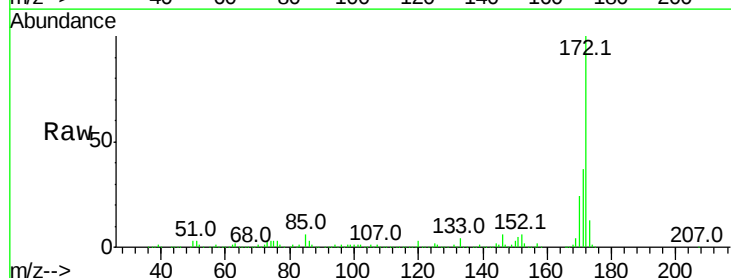


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

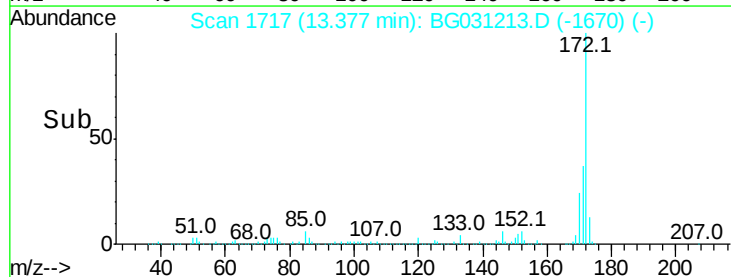
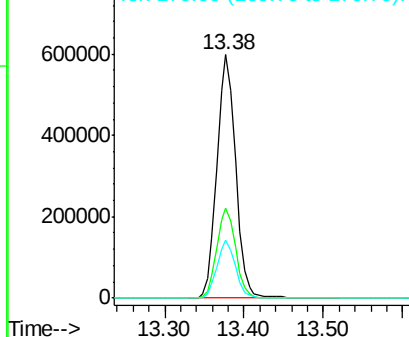


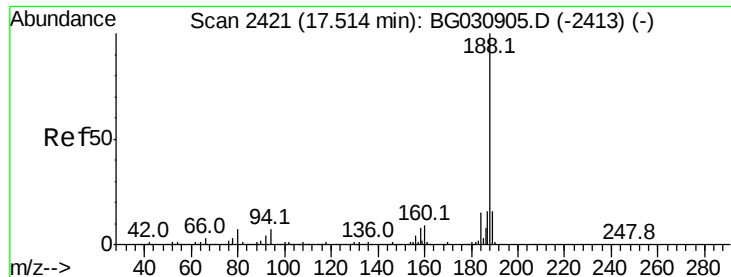
#44
 2-Fluorobiphenyl
 Concen: 95.972 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031213.D
 Acq: 23 Nov 2017 6:58

Tgt Ion:172 Resp: 979993
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.1 19.5 29.3



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

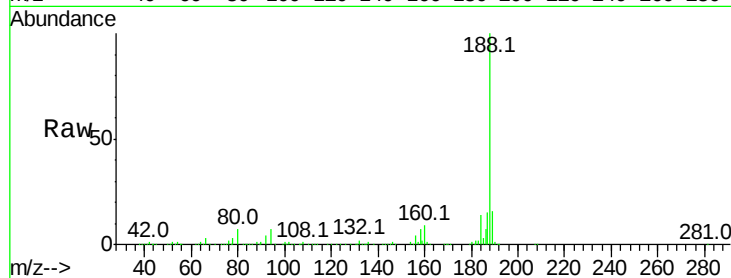




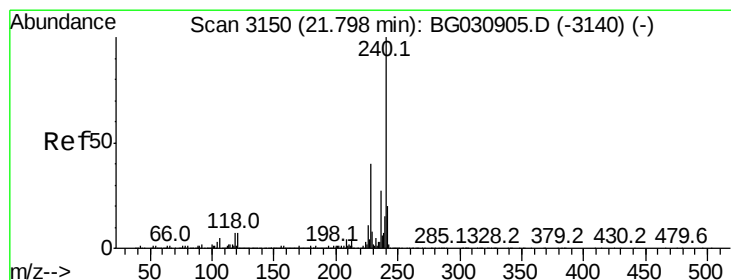
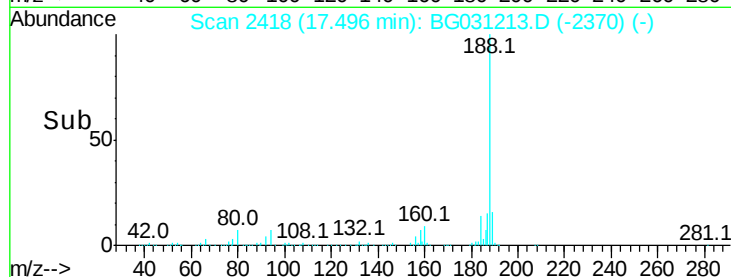
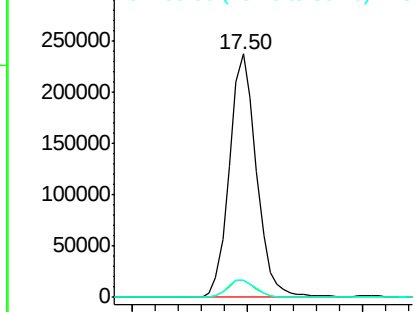
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031213.D
Acq: 23 Nov 2017 6:58

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-C

Tot Ion:188 Resp: 386728
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.2 7.7 11.5#

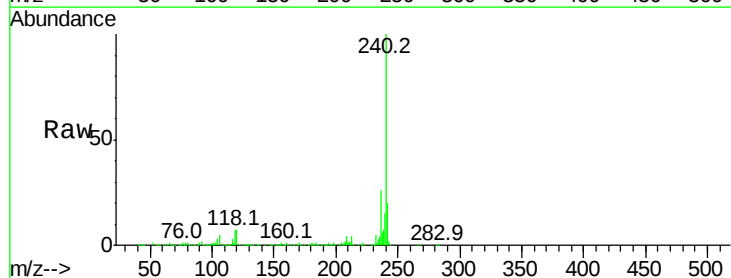


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

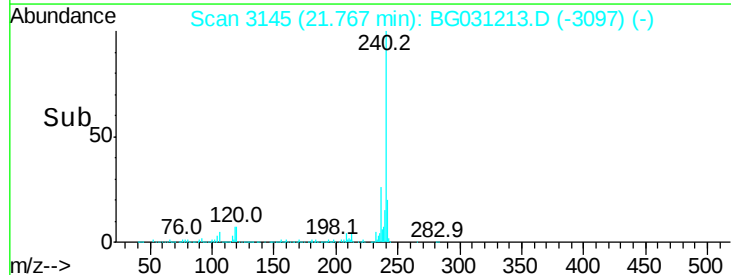
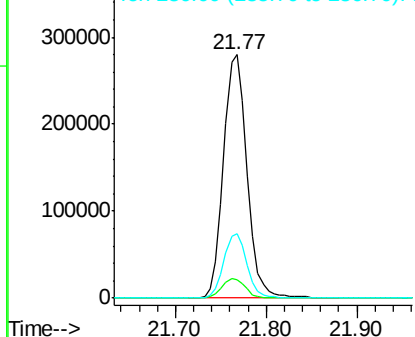


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031213.D
Acq: 23 Nov 2017 6:58

Tgt Ion:240 Resp: 504885
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 26.4 20.9 31.3



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





#78

Terphenyl-d14

Concen: 89.047 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031213.D

Acq: 23 Nov 2017 6:58

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-C

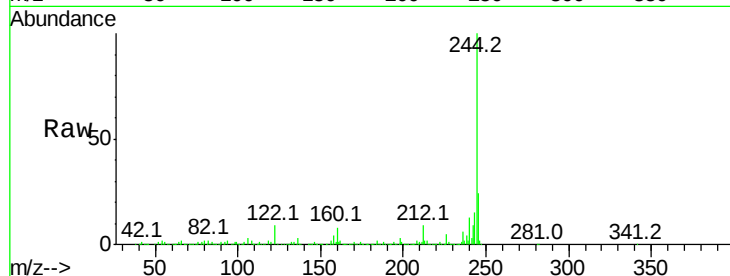
Tot Ion:244 Resp: 2036079

Ion Ratio Lower Upper

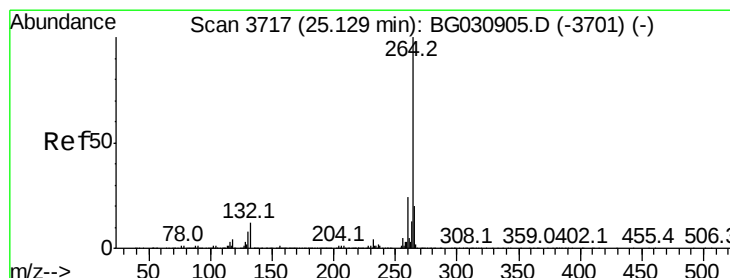
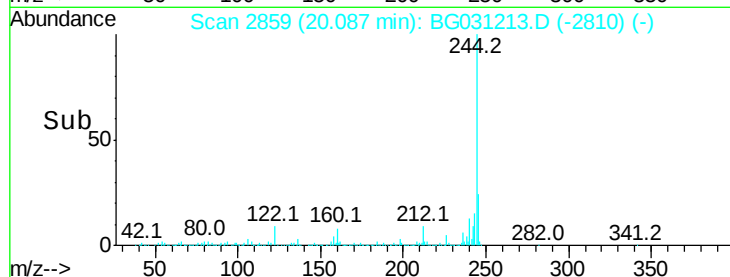
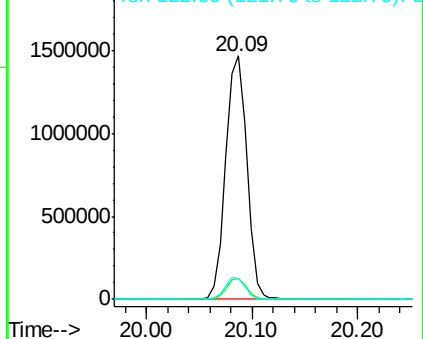
244 100

212 8.8 5.8 8.8#

122 8.8 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031213.D

Acq: 23 Nov 2017 6:58

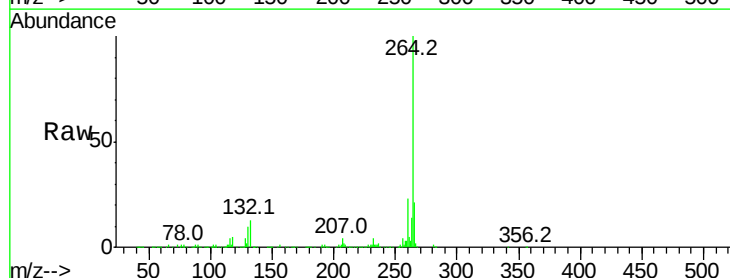
Tgt Ion:264 Resp: 503564

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.4 17.7 26.5



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

