

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031199.D
 Acq On : 22 Nov 2017 21:11
 Operator : SJ/JU
 Sample : I6525-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T71-MW5

Quant Time: Nov 24 03:47:44 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	59944	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	273521	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	184545	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	482218	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	572415	20.00	ng	-0.02
86) Perylene-d12	25.07	264	553251	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	248421	71.06	ng	-0.01
7) Phenol-d6	7.30	99	209520	44.49	ng	0.00
23) Nitrobenzene-d5	9.30	82	413801	89.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	350494	117.41	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1232962	96.00	ng	-0.02
78) Terphenyl-d14	20.09	244	2297904	88.64	ng	0.00

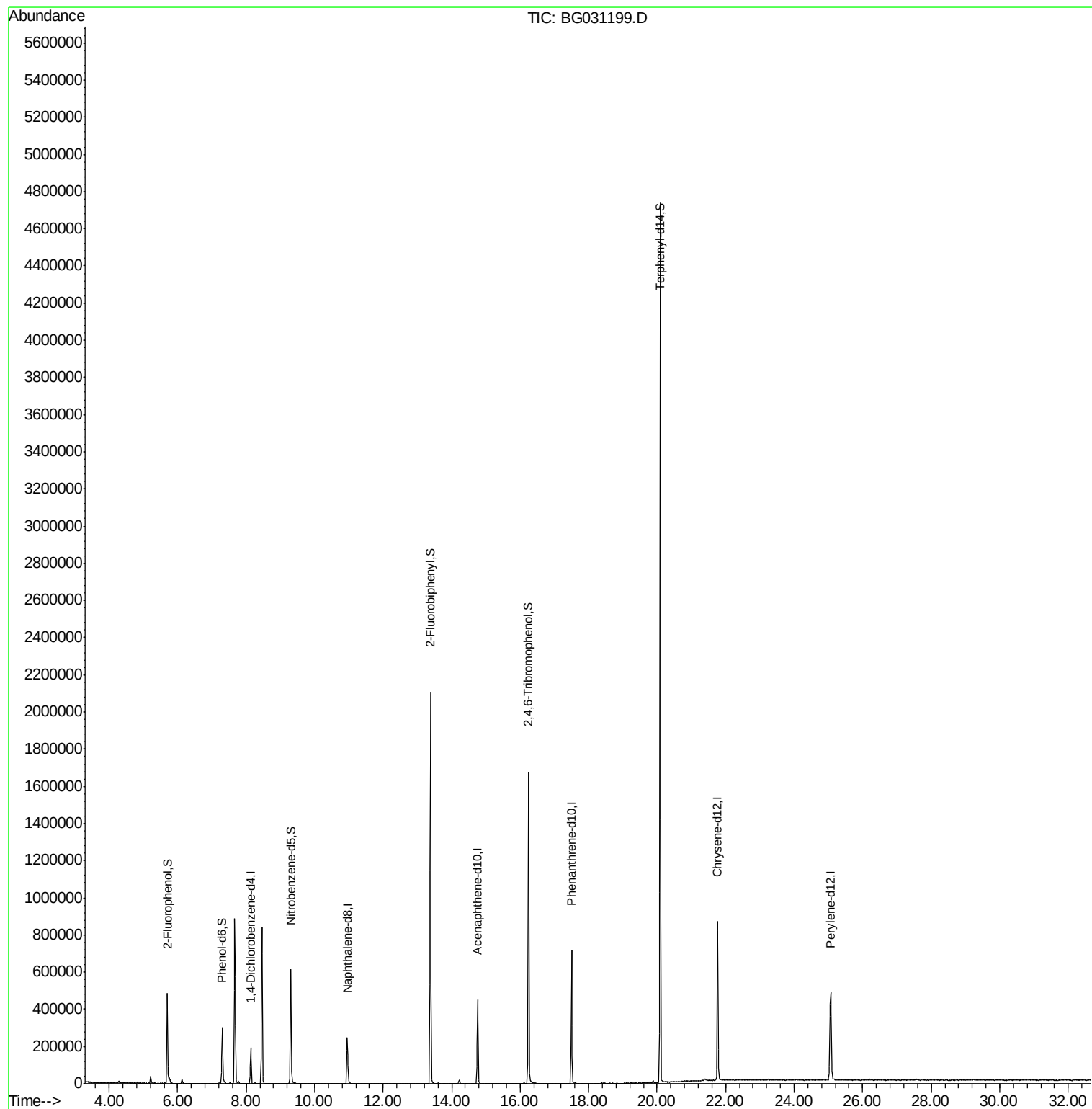
Target Compounds Qvalue

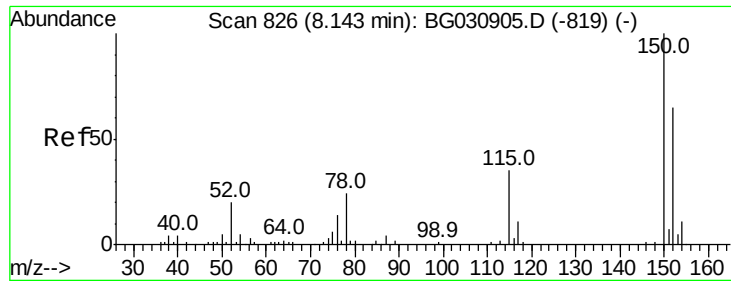
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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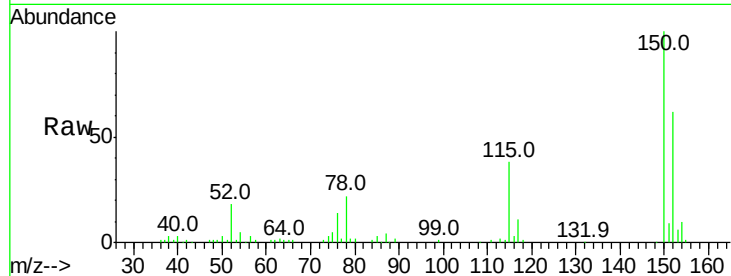


#1

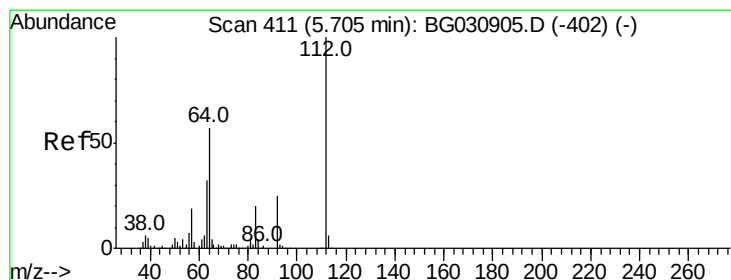
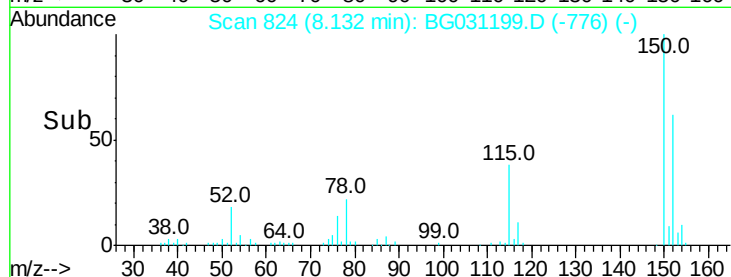
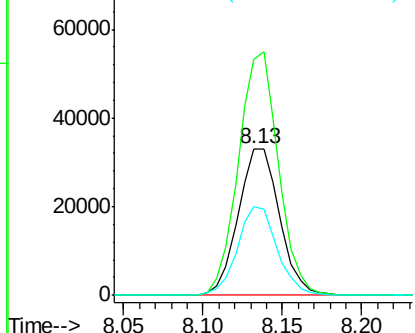
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031199.D
Acq: 22 Nov 2017 21:11

Instrument :
BNA_G
ClientSampleId :
T71-MW5

Tot Ion:152 Resp: 59944
Ion Ratio Lower Upper
152 100
150 160.9 126.6 189.8
115 60.5 53.0 79.4



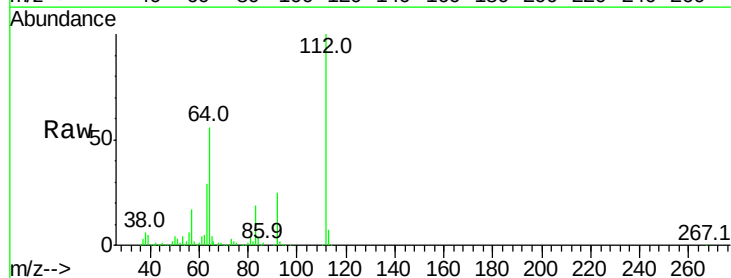
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



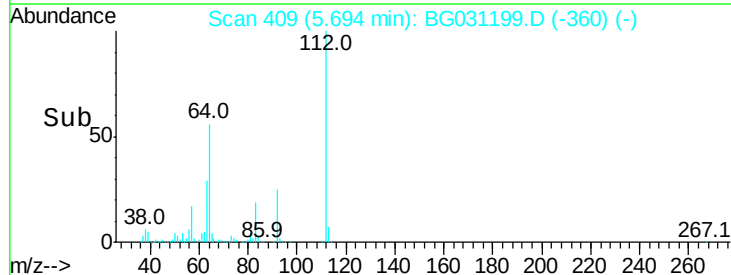
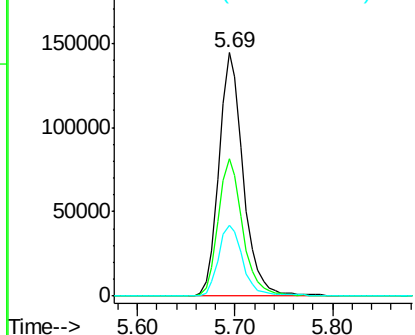
#5

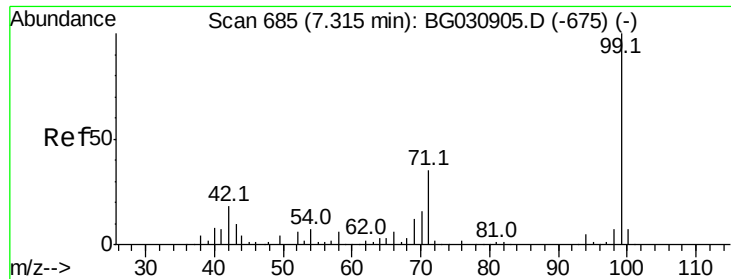
2-Fluorophenol
Concen: 71.063 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031199.D
Acq: 22 Nov 2017 21:11

Tgt Ion:112 Resp: 248421
Ion Ratio Lower Upper
112 100
64 56.4 56.3 84.5
63 28.9 30.1 45.1#



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: 44.488 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031199.D

Acq: 22 Nov 2017 21:11

Instrument :

BNA_G

ClientSampled :

T71-MW5

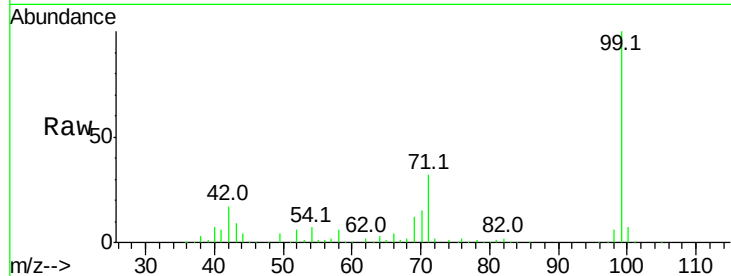
Tot Ion: 99 Resp: 209520

Ion Ratio Lower Upper

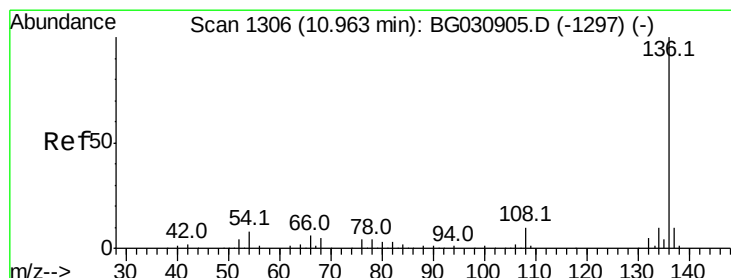
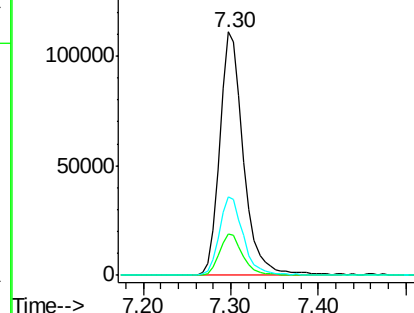
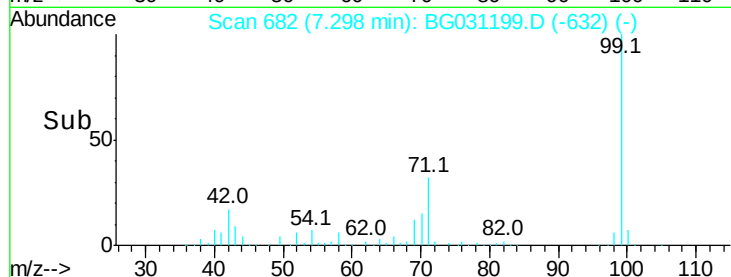
99 100

42 16.9 14.1 21.1

71 32.3 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. -0.01 min

Lab File: BG031199.D

Acq: 22 Nov 2017 21:11

Tgt Ion: 136 Resp: 273521

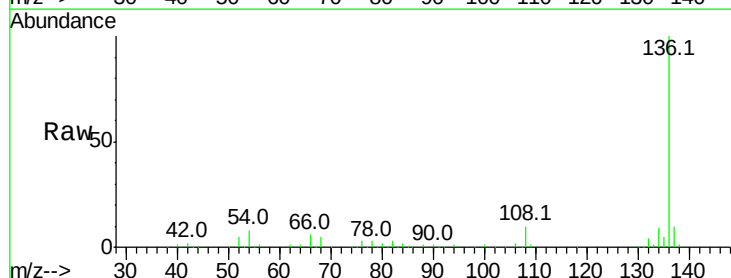
Ion Ratio Lower Upper

136 100

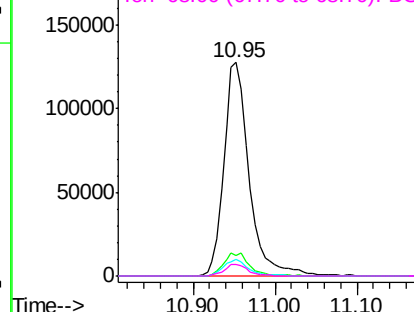
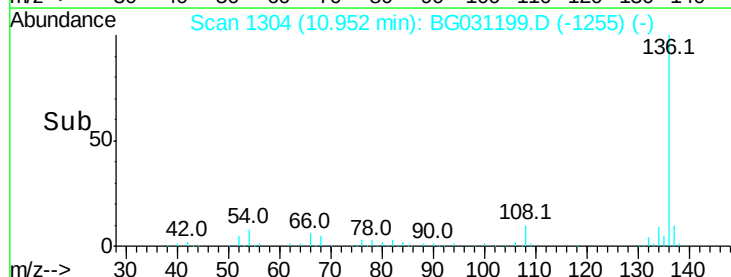
137 9.7 9.2 13.8

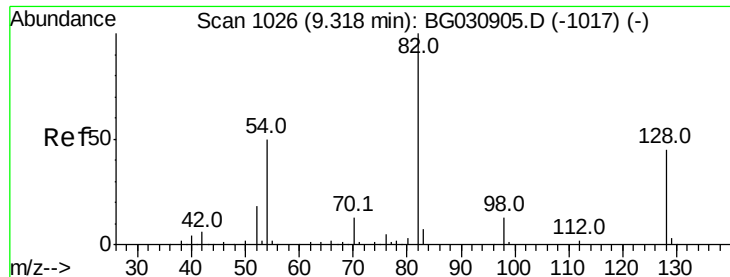
54 7.8 10.3 15.5#

68 5.3 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

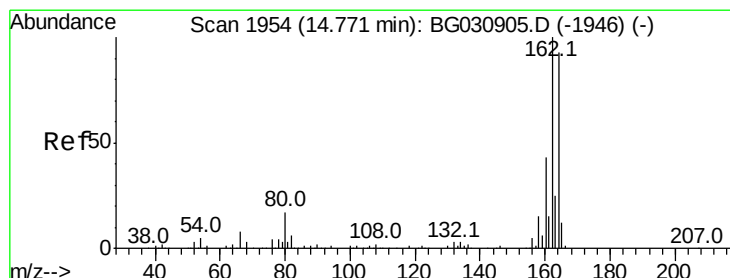
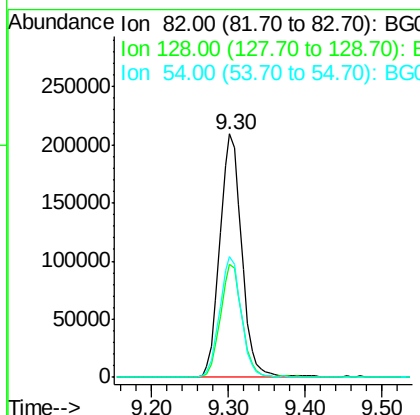
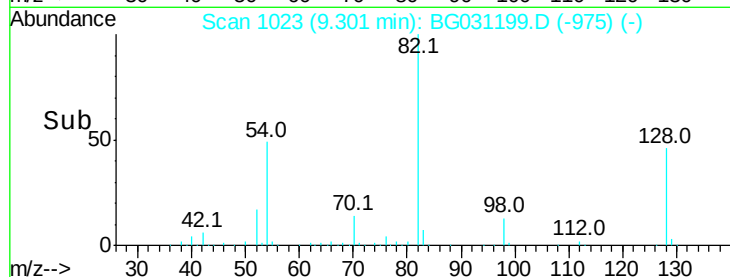
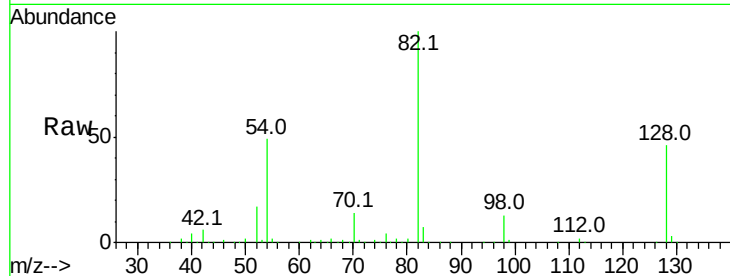




#23
Nitrobenzene-d5
Concen: 89.647 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031199.D
Acq: 22 Nov 2017 21:11

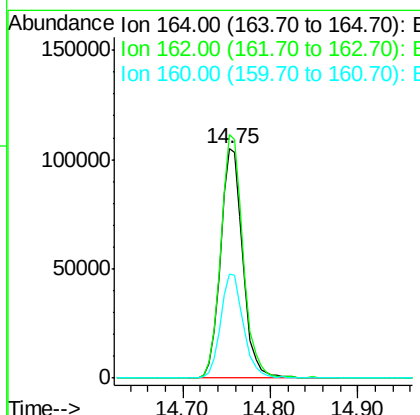
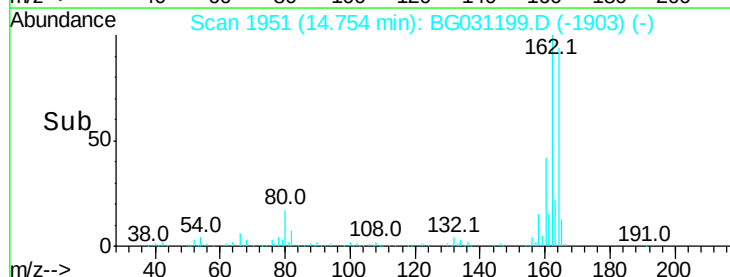
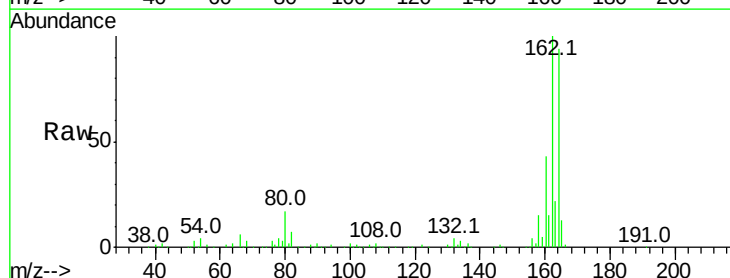
Instrument :
BNA_G
ClientSampleId :
T71-MW5

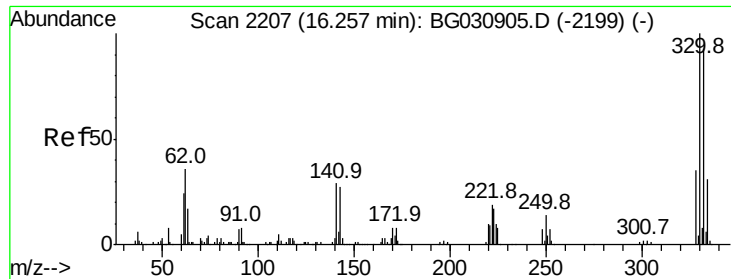
Tot Ion: 82 Resp: 413801
Ion Ratio Lower Upper
82 100
128 46.5 29.7 44.5#
54 49.4 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031199.D
Acq: 22 Nov 2017 21:11

Tgt Ion:164 Resp: 184545
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 45.3 35.4 53.0

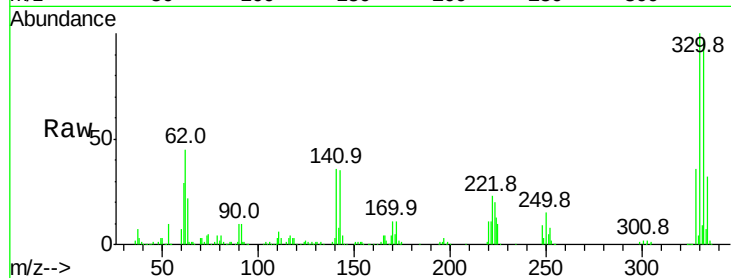




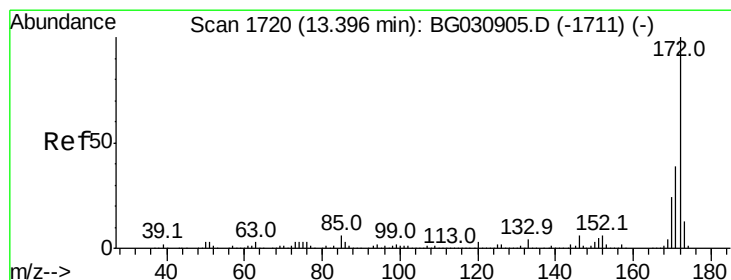
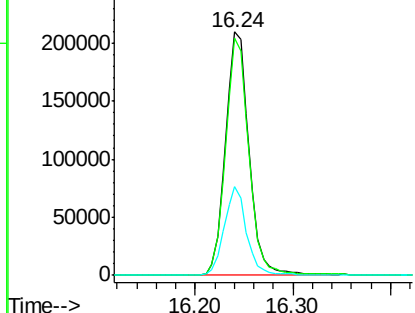
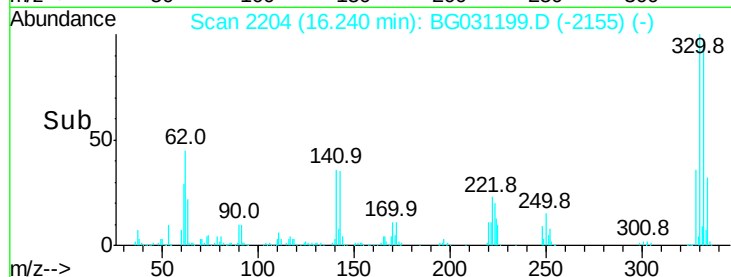
#41
 2,4,6-Tribromophenol
 Concen: 117.405 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031199.D
 Acq: 22 Nov 2017 21:11

Instrument :
 BNA_G
 ClientSampled :
 T71-MW5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.7	25.2	37.8

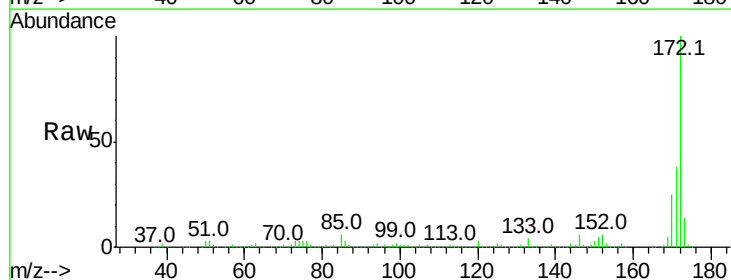


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

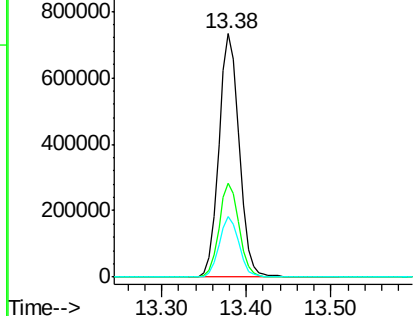
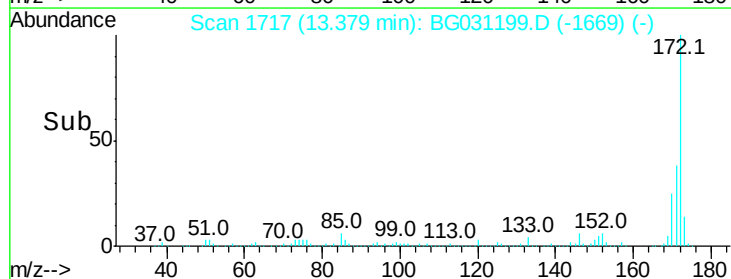


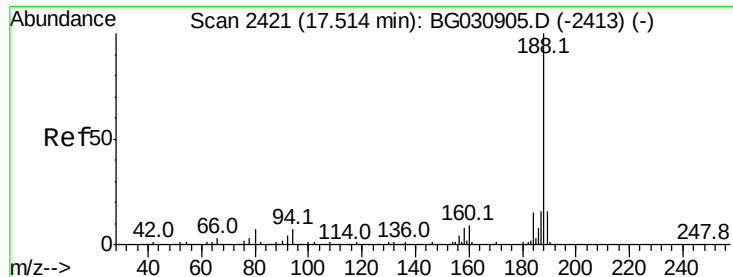
#44
 2-Fluorobiphenyl
 Concen: 96.000 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031199.D
 Acq: 22 Nov 2017 21:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.7	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

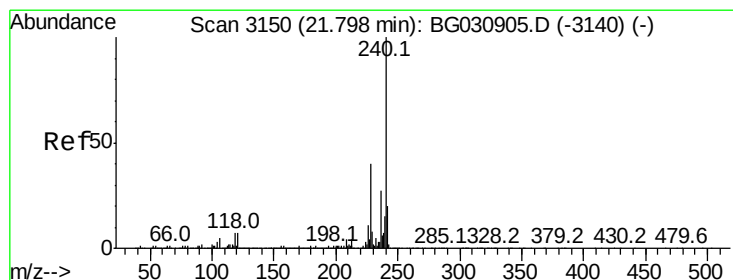
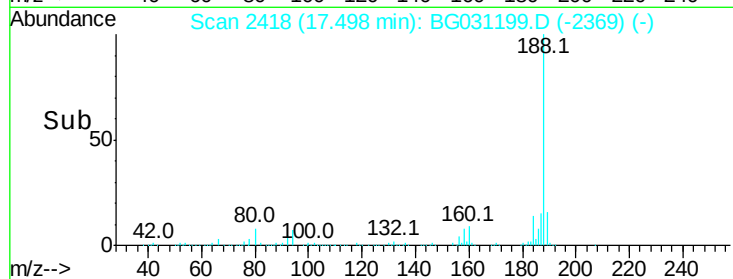
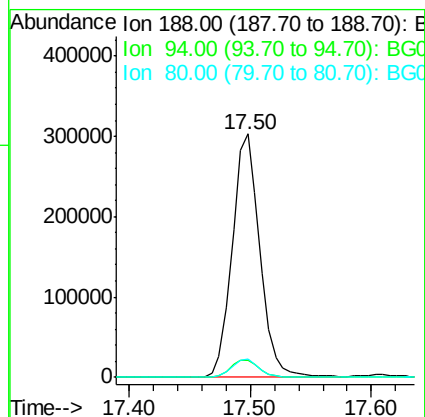
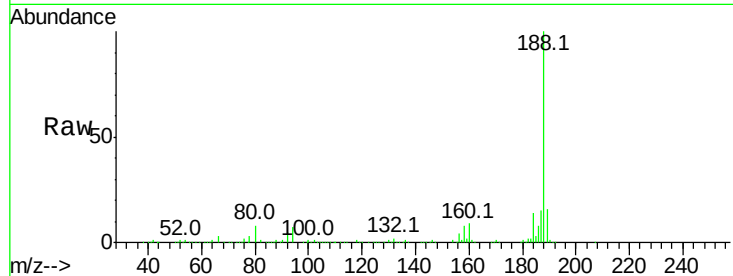




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG031199.D
 Acq: 22 Nov 2017 21:11

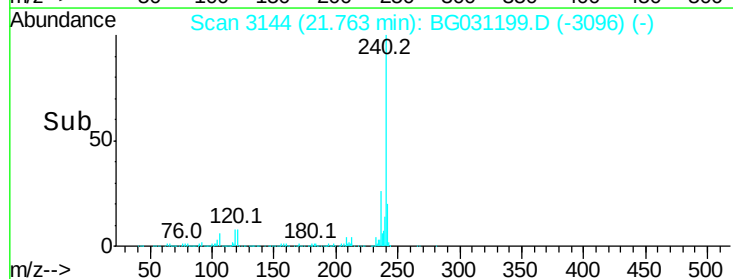
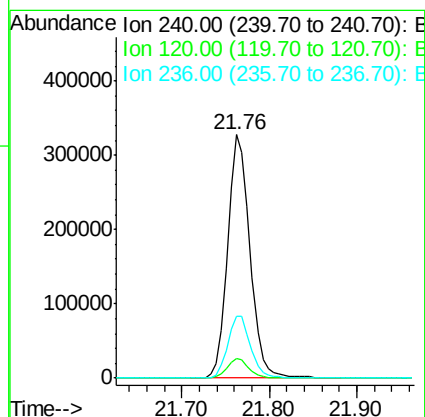
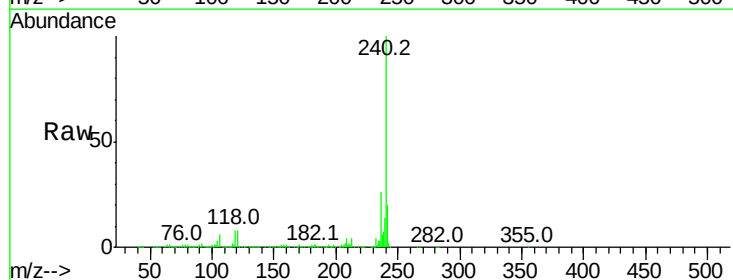
Instrument :
 BNA_G
 ClientSampleId :
 T71-MW5

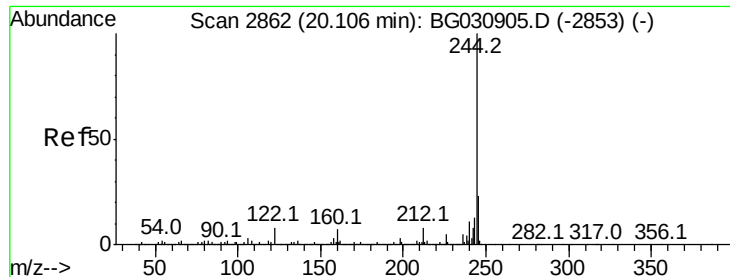
Tot Ion:188 Resp: 482218
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.9 10.3#
 80 7.6 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG031199.D
 Acq: 22 Nov 2017 21:11

Tgt Ion:240 Resp: 572415
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.8 10.2
 236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 88.642 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031199.D

Acq: 22 Nov 2017 21:11

Instrument :

BNA_G

ClientSampleId :

T71-MW5

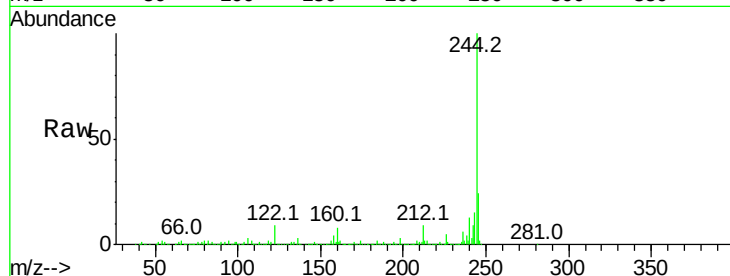
Tot Ion:244 Resp: 2297904

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

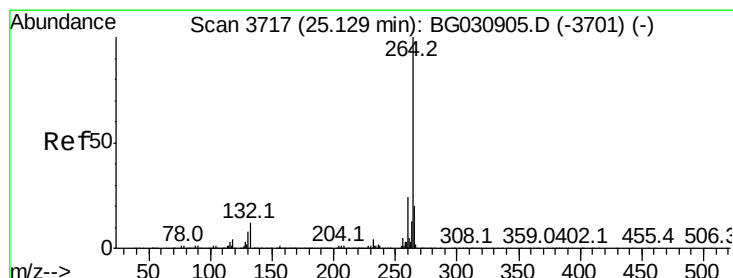
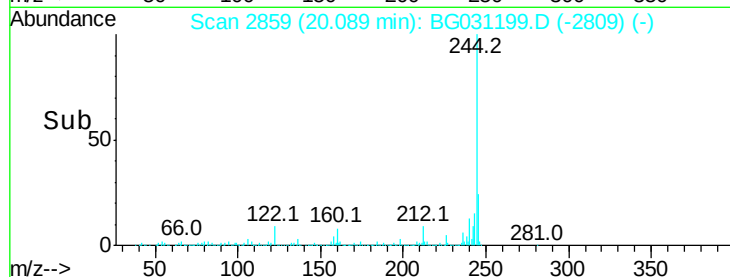
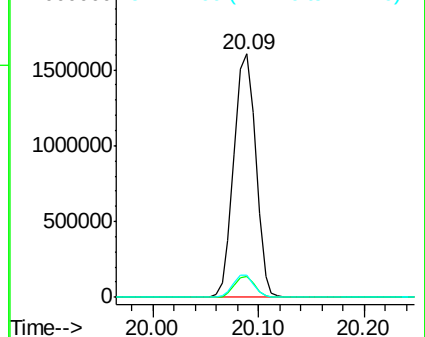
122 9.1 7.0 10.4



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# 3706

Delta R.T. -0.03 min

Lab File: BG031199.D

Acq: 22 Nov 2017 21:11

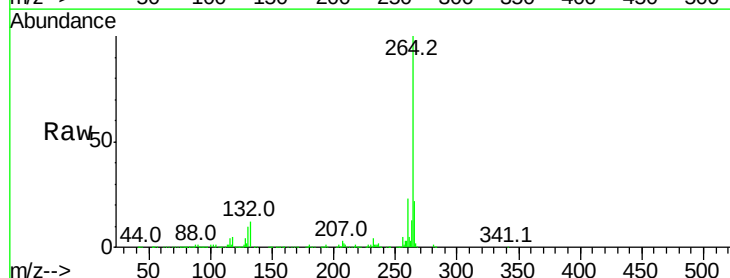
Tgt Ion:264 Resp: 553251

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.5 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

