

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031202.D
 Acq On : 22 Nov 2017 23:03
 Operator : SJ/JU
 Sample : I6536-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 23:55:09 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	57359	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	247371	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	167966	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	442074	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	524626	20.00	ng	-0.02
86) Perylene-d12	25.07	264	510335	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	244798	73.18	ng	-0.01
7) Phenol-d6	7.30	99	215838	47.90	ng	0.00
23) Nitrobenzene-d5	9.30	82	385373	92.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	336382	123.80	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1183915	101.28	ng	-0.02
78) Terphenyl-d14	20.09	244	2194053	92.35	ng	0.00

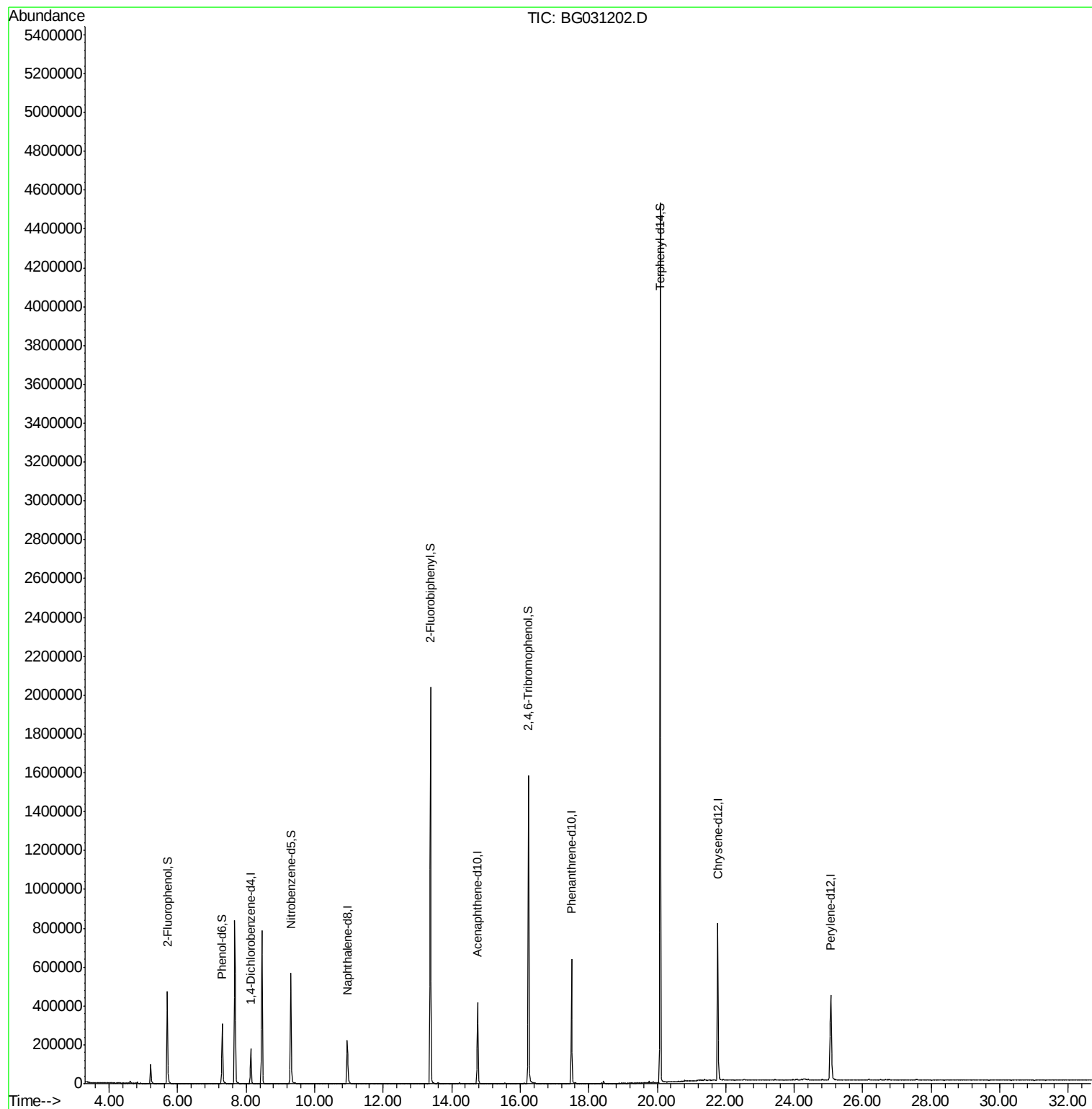
Target Compounds Qvalue

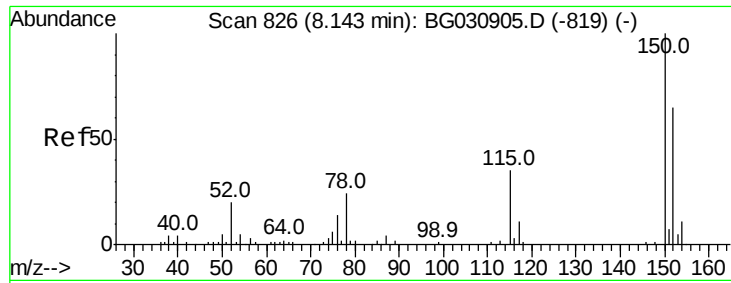
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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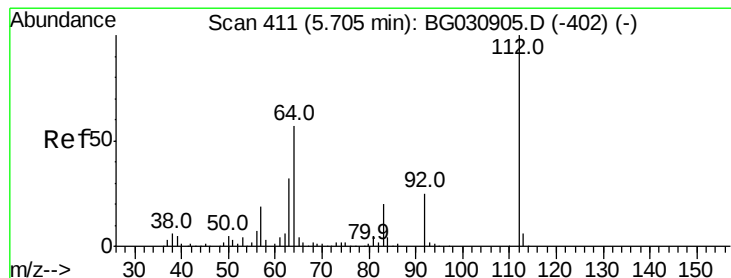
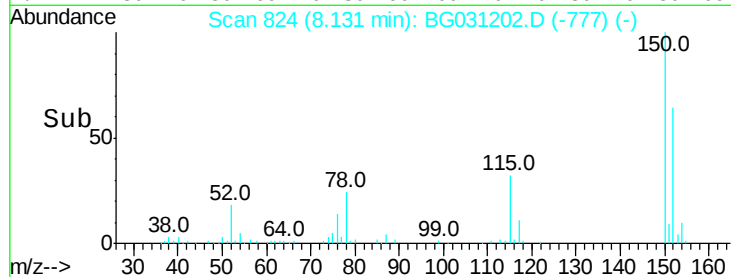
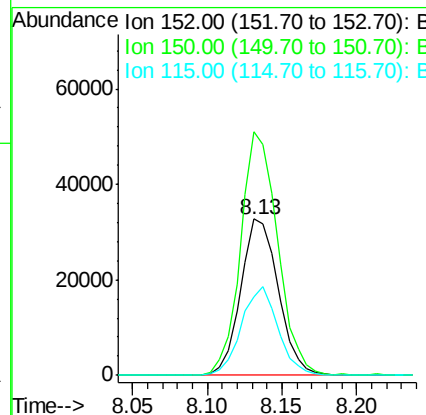
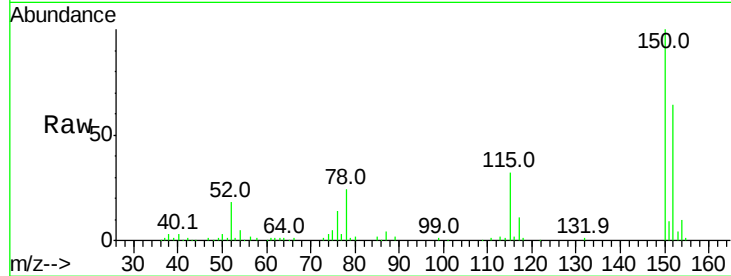


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031202.D
 Acq: 22 Nov 2017 23:03

Instrument :
 BNA_G
 ClientSampleId :

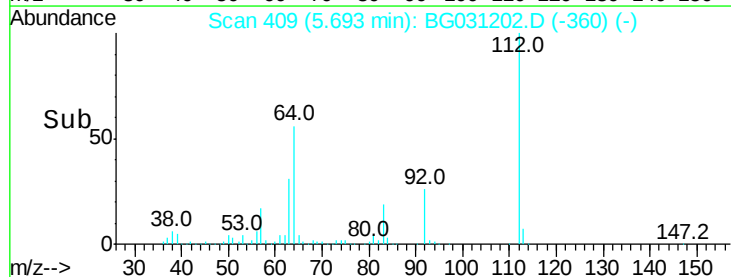
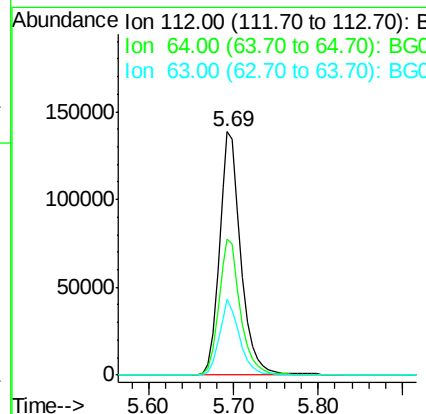
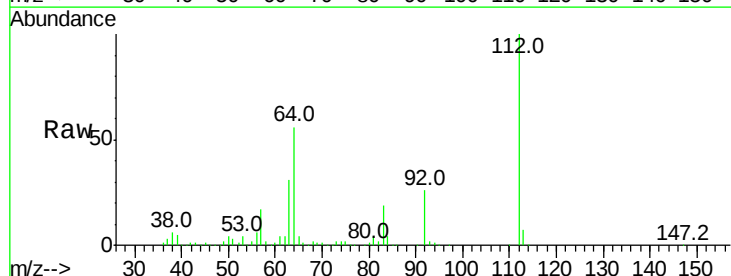
Tot Ion:152 Resp: 57359
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.6 189.8
 115 50.5 53.0 79.4#

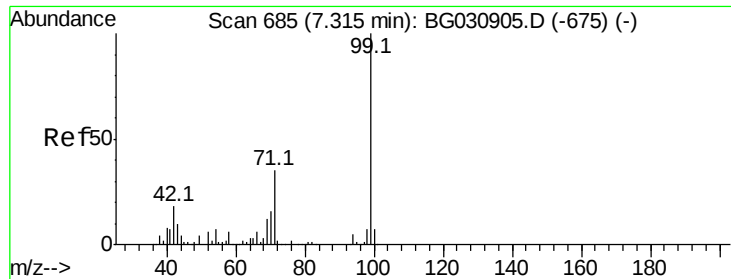


#5

2-Fluorophenol
 Concen: 73.183 ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BG031202.D
 Acq: 22 Nov 2017 23:03

Tgt Ion:112 Resp: 244798
 Ion Ratio Lower Upper
 112 100
 64 55.7 56.3 84.5#
 63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 47.895 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031202.D

Acq: 22 Nov 2017 23:03

Instrument :

BNA_G

ClientSampled :

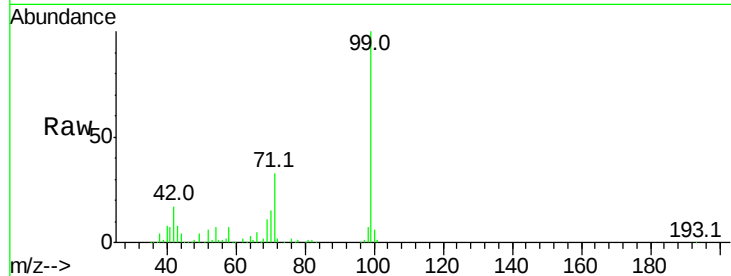
Tot Ion: 99 Resp: 215838

Ion Ratio Lower Upper

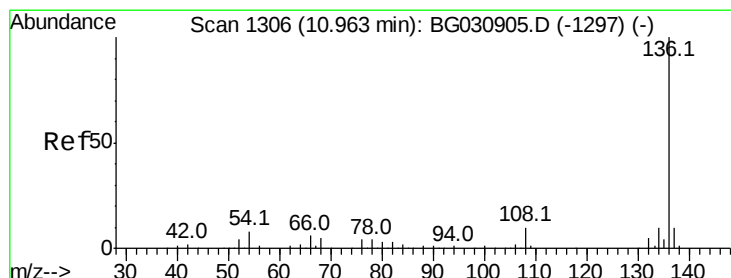
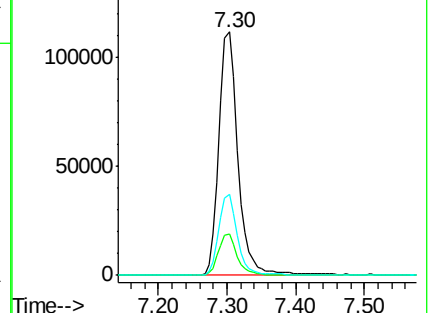
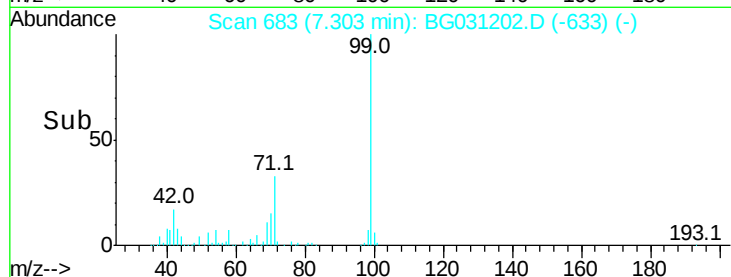
99 100

42 16.9 14.1 21.1

71 33.3 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. -0.02 min

Lab File: BG031202.D

Acq: 22 Nov 2017 23:03

Tgt Ion: 136 Resp: 247371

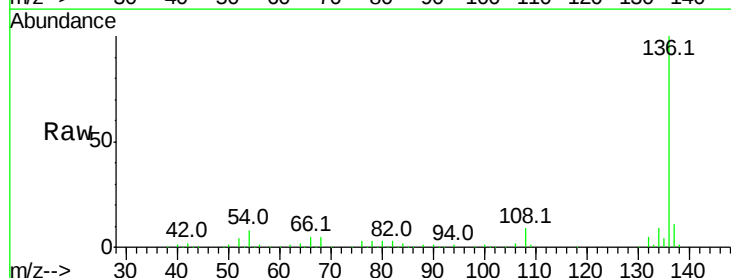
Ion Ratio Lower Upper

136 100

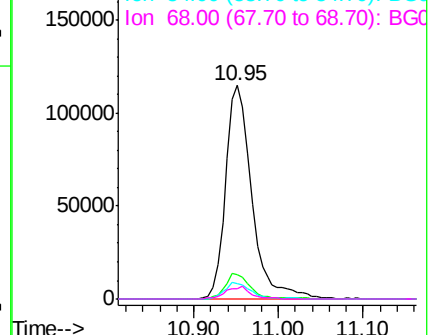
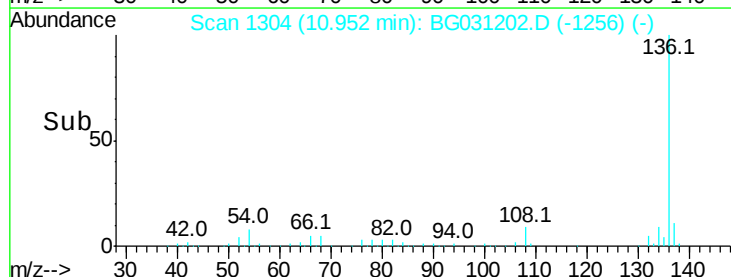
137 11.2 9.2 13.8

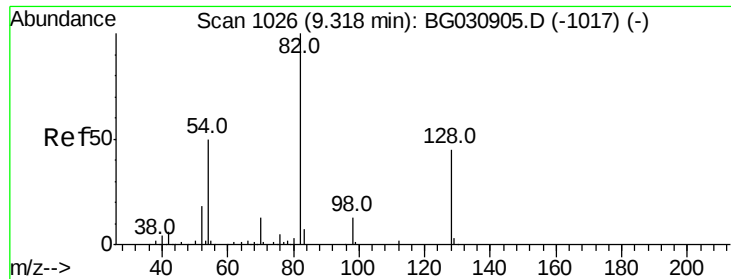
54 7.5 10.3 15.5#

68 5.0 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

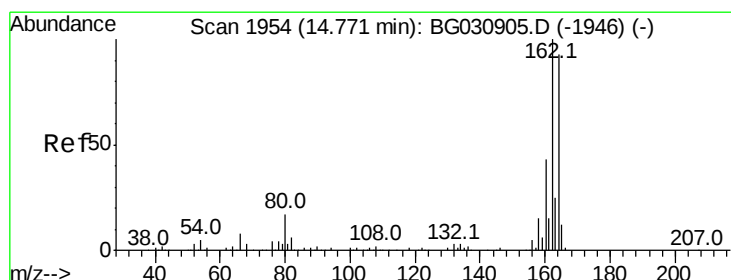
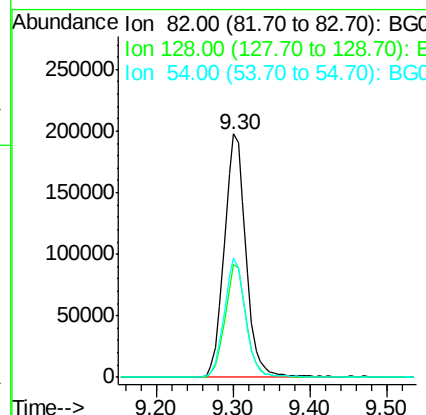
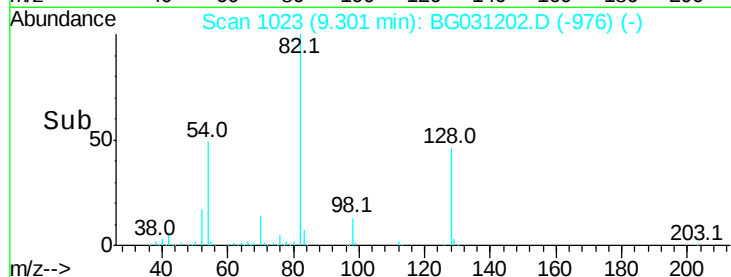
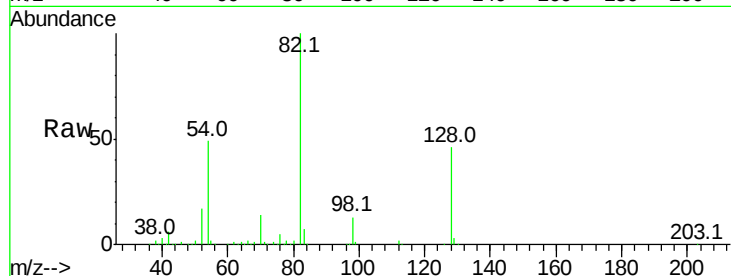




#23
Nitrobenzene-d5
Concen: 92.314 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031202.D
Acq: 22 Nov 2017 23:03

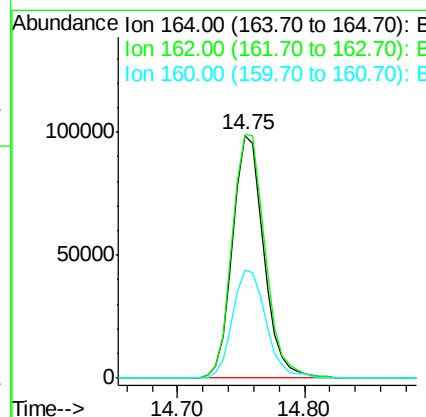
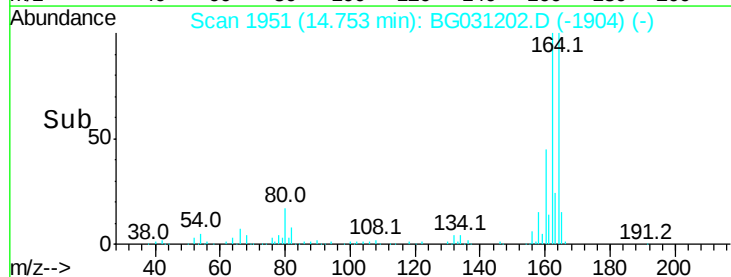
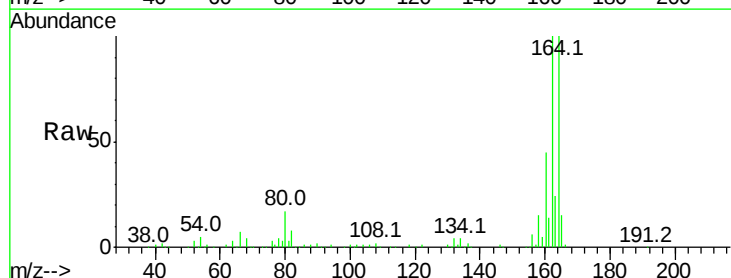
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 385373
Ion Ratio Lower Upper
82 100
128 46.4 29.7 44.5#
54 48.8 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: BG031202.D
Acq: 22 Nov 2017 23:03

Tgt Ion:164 Resp: 167966
Ion Ratio Lower Upper
164 100
162 100.3 78.8 118.2
160 44.6 35.4 53.0

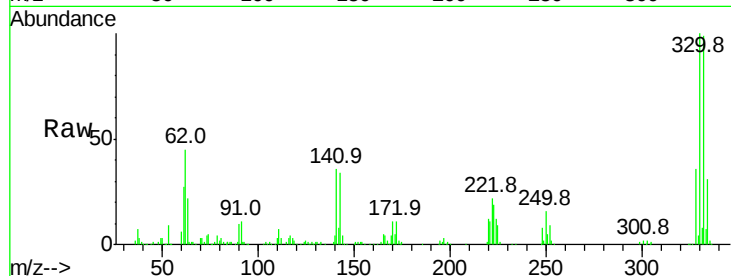




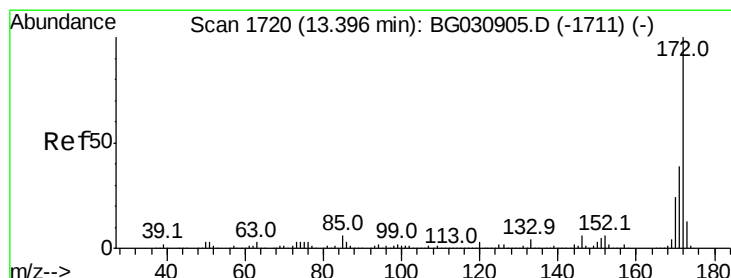
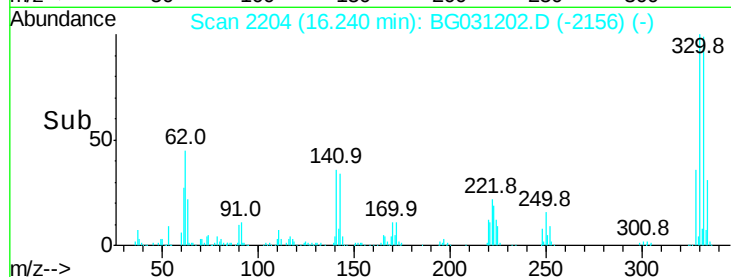
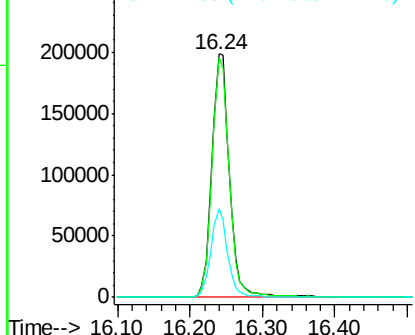
#41
 2,4,6-Tribromophenol
 Concen: 123.800 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031202.D
 Acq: 22 Nov 2017 23:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.3	25.2	37.8

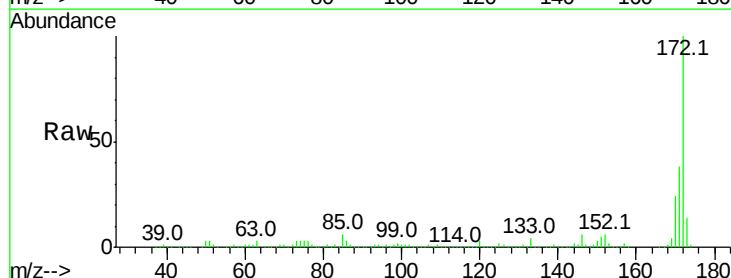


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

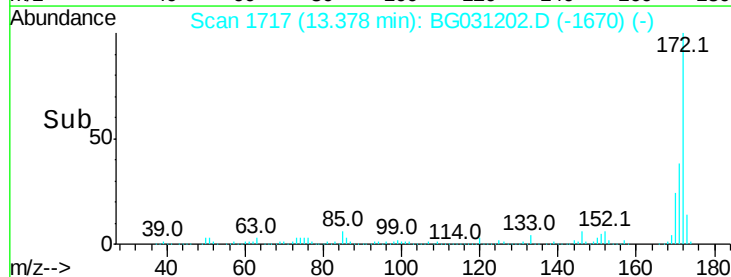
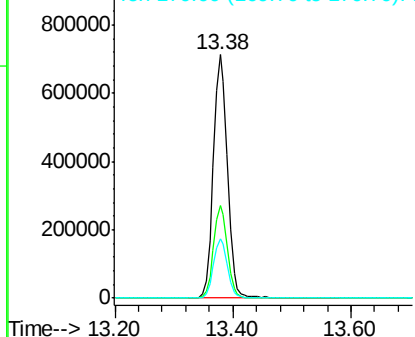


#44
 2-Fluorobiphenyl
 Concen: 101.280 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031202.D
 Acq: 22 Nov 2017 23:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.2	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

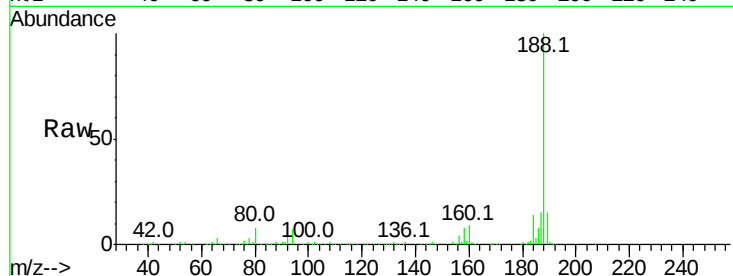




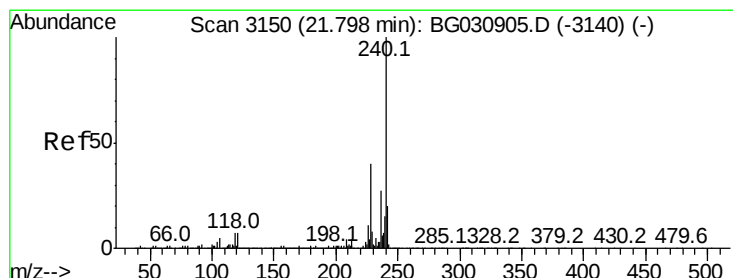
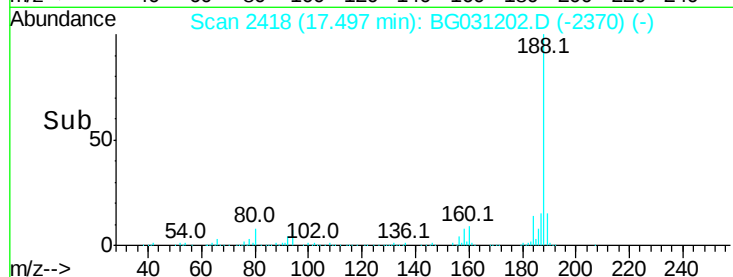
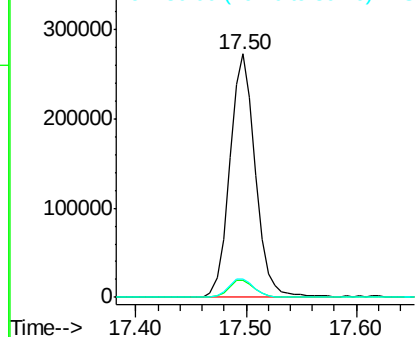
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031202.D
Acq: 22 Nov 2017 23:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 442074
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 7.5 7.7 11.5#

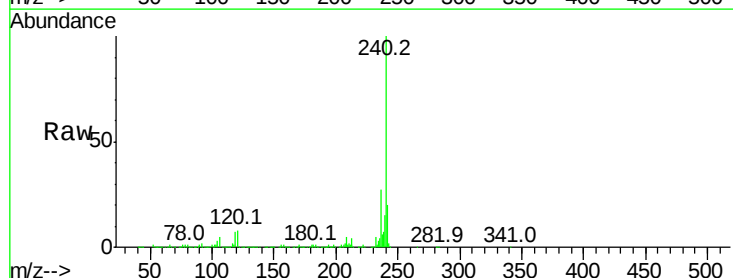


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

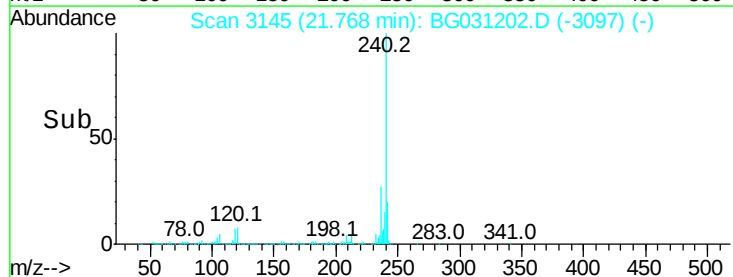
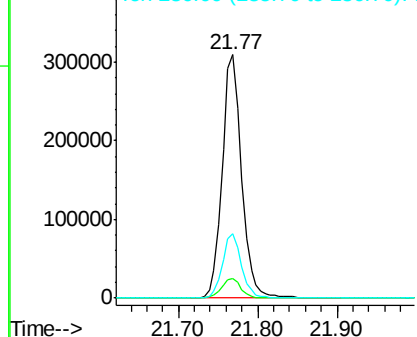


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031202.D
Acq: 22 Nov 2017 23:03

Tgt Ion:240 Resp: 524626
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 26.6 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: 92.345 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031202.D

Acq: 22 Nov 2017 23:03

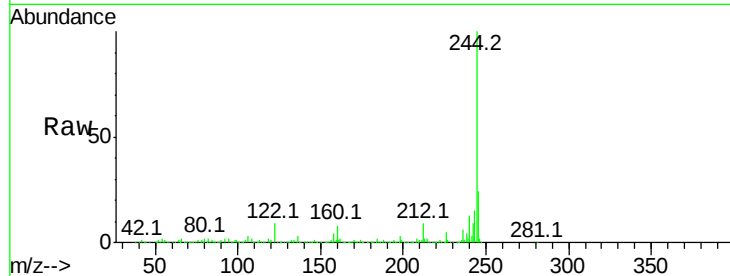
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2194053

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.2	7.0	10.4

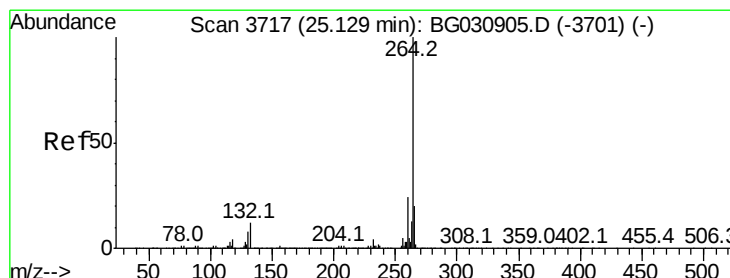
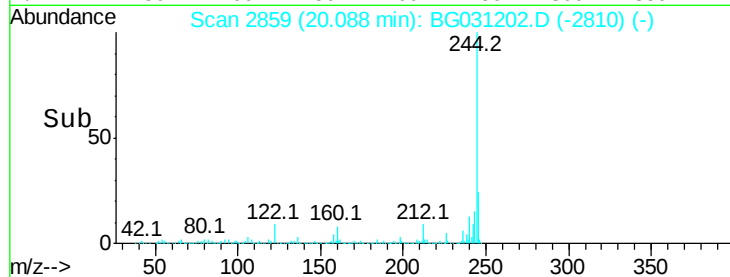
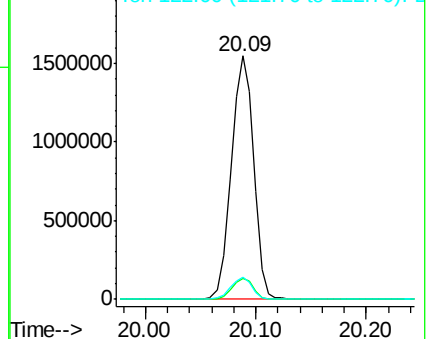


Abundance

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

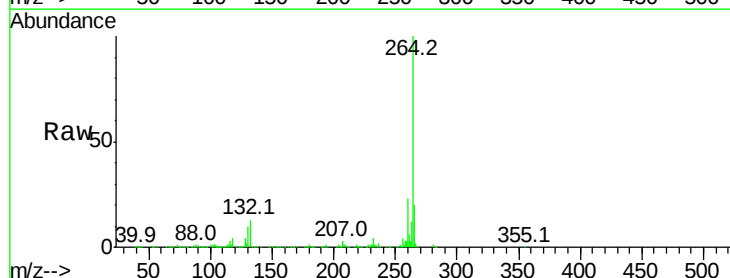
Delta R.T. -0.02 min

Lab File: BG031202.D

Acq: 22 Nov 2017 23:03

Tgt Ion:264 Resp: 510335

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.4	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

