

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031208.D
 Acq On : 23 Nov 2017 3:51
 Operator : SJ/JU
 Sample : PB104495TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104495TB

Quant Time: Nov 23 04:25:52 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	8.14	152	51253	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	222176	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	151092	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	412637	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	514201	20.00	ng	-0.02
86) Perylene-d12	25.07	264	500922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	478328	160.03	ng	-0.01
7) Phenol-d6	7.30	99	612783	152.18	ng	0.00
23) Nitrobenzene-d5	9.30	82	345681	92.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	304979	124.78	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1061851	100.98	ng	-0.02
78) Terphenyl-d14	20.09	244	2100942	90.22	ng	-0.01

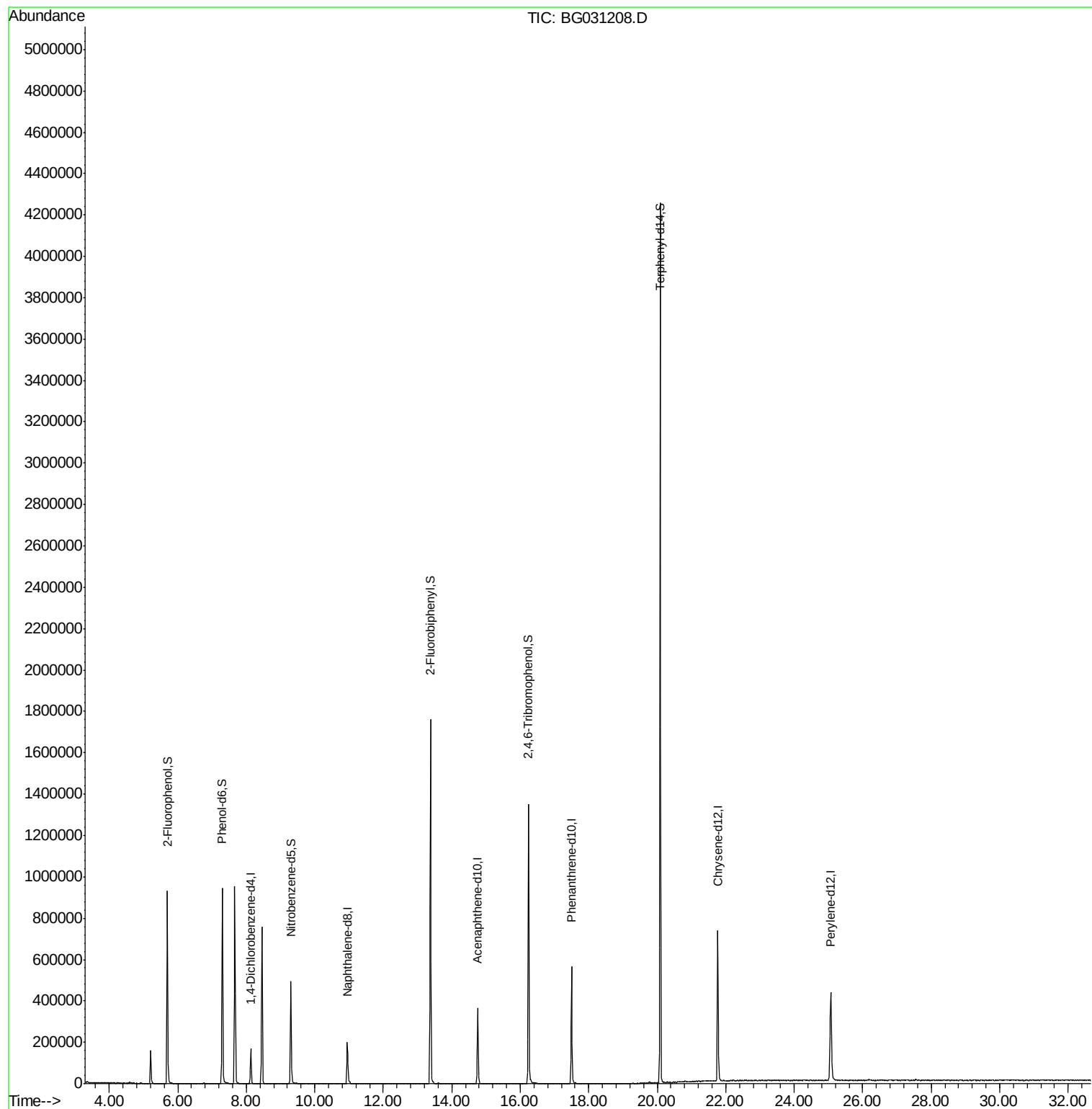
Target Compounds Qvalue

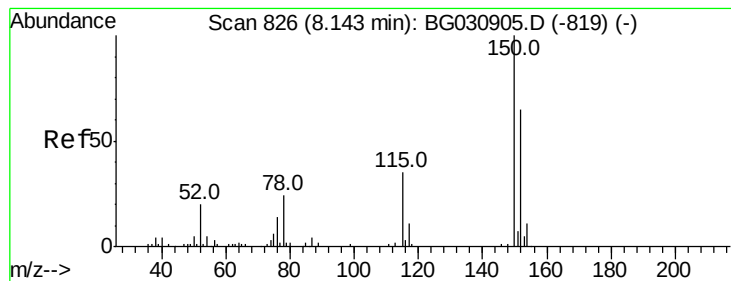
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG031208.D

Acq: 23 Nov 2017 3:51

Instrument :

BNA_G

ClientSampleId :

PB104495TB

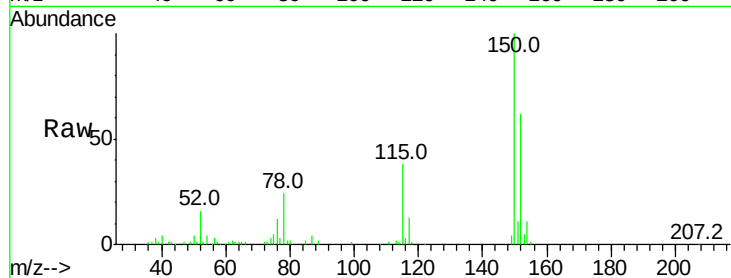
Tot Ion:152 Resp: 51253

Ion Ratio Lower Upper

152 100

150 161.9 126.6 189.8

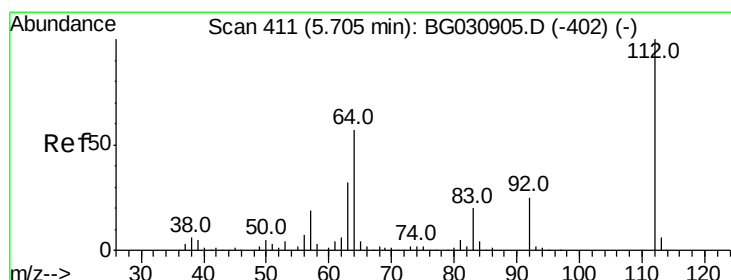
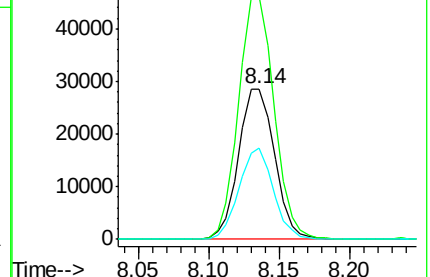
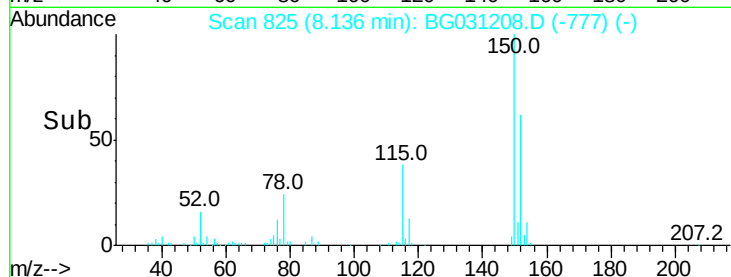
115 61.1 53.0 79.4



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: 160.033 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031208.D

Acq: 23 Nov 2017 3:51

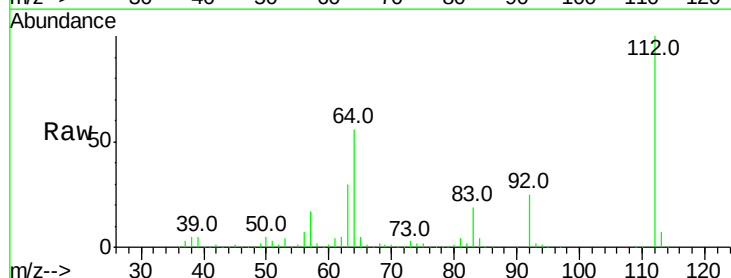
Tgt Ion:112 Resp: 478328

Ion Ratio Lower Upper

112 100

64 56.2 56.3 84.5#

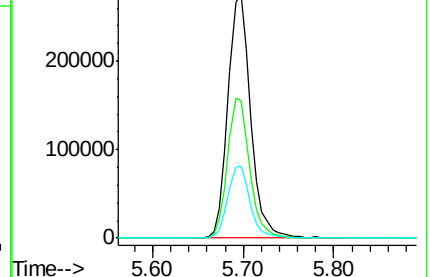
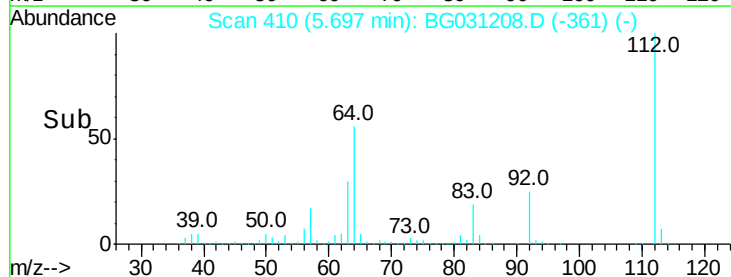
63 29.7 30.1 45.1#

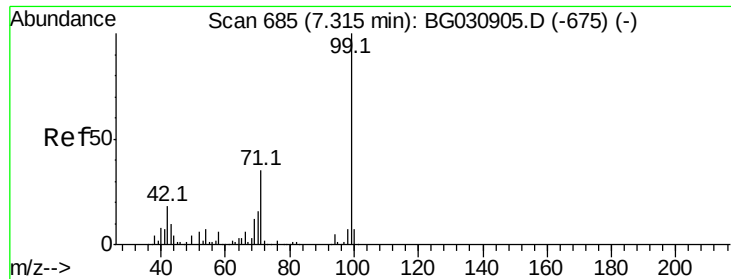


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 152.178 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031208.D

Acq: 23 Nov 2017 3:51

Instrument :

BNA_G

ClientSampleId :

PB104495TB

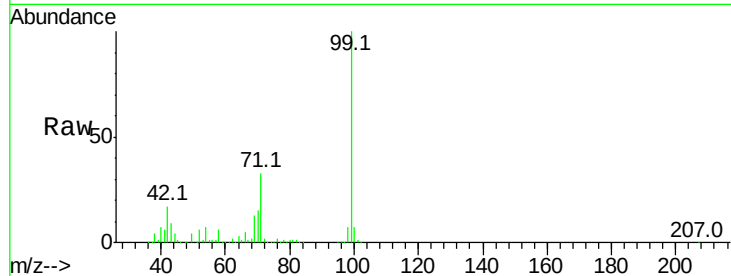
Tot Ion: 99 Resp: 612783

Ion Ratio Lower Upper

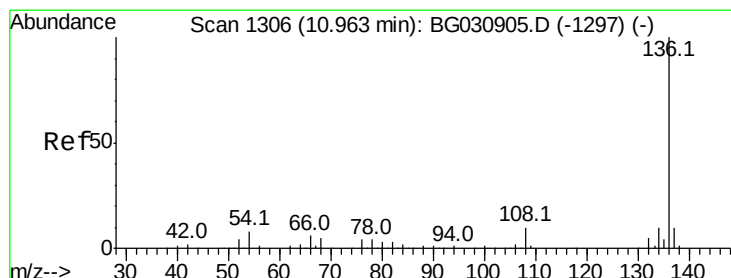
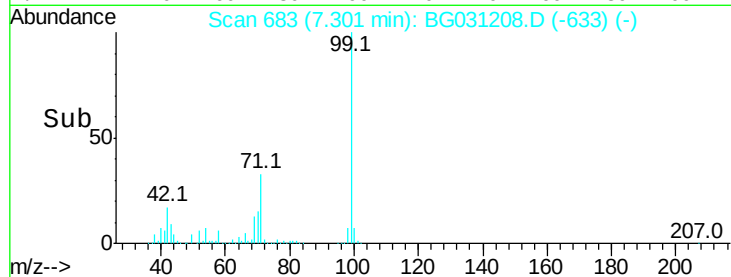
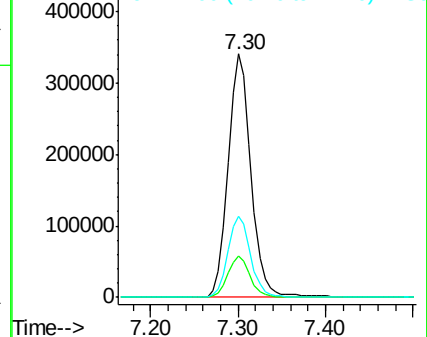
99 100

42 16.8 14.1 21.1

71 33.5 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: BG031208.D

Acq: 23 Nov 2017 3:51

Tgt Ion: 136 Resp: 222176

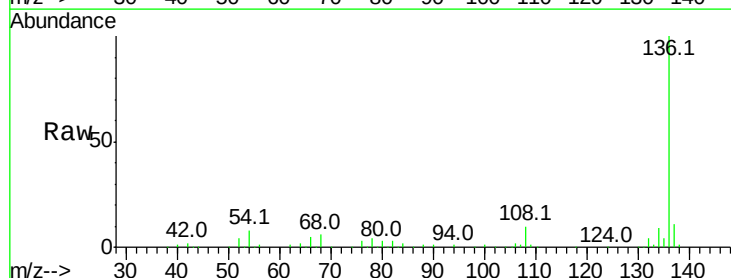
Ion Ratio Lower Upper

136 100

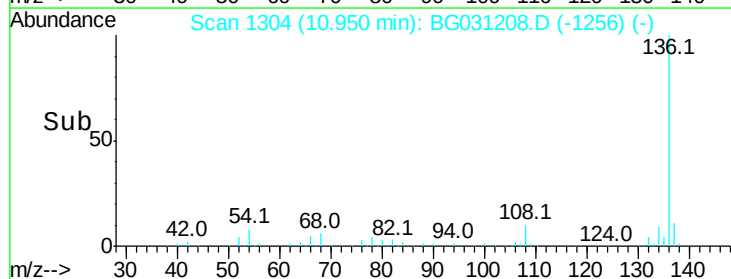
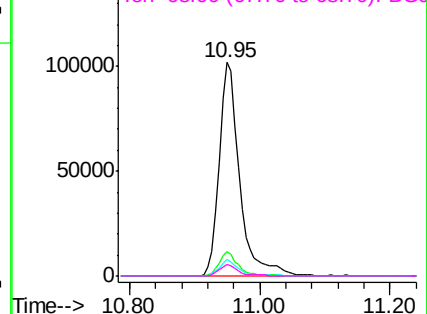
137 11.2 9.2 13.8

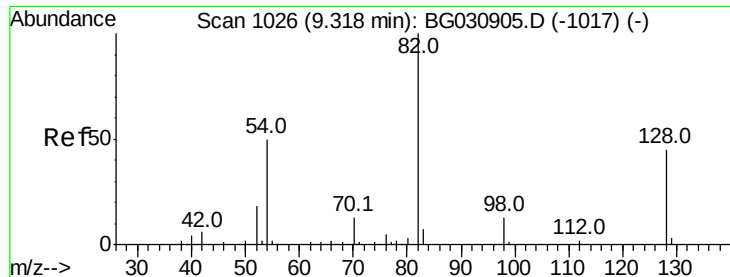
54 7.9 10.3 15.5#

68 5.7 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

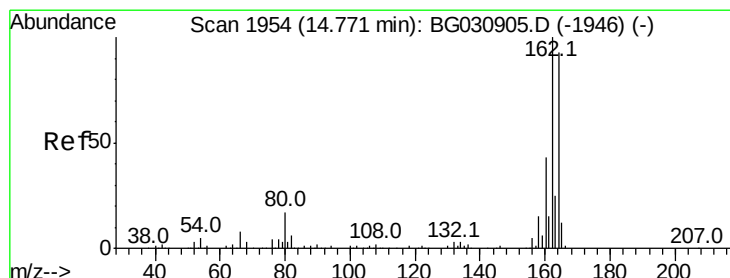
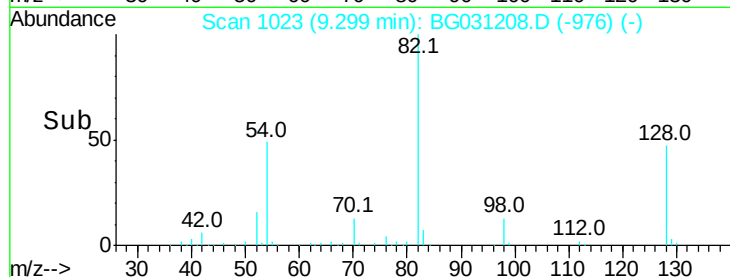
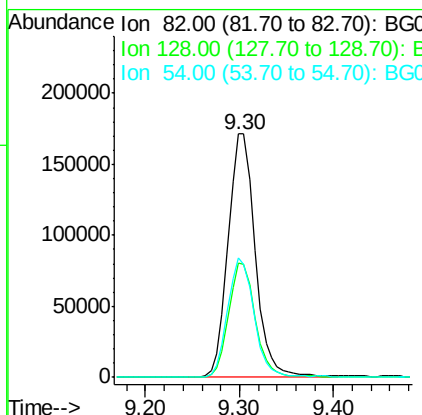
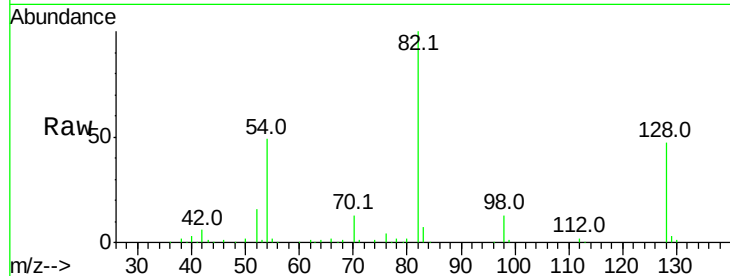




#23
Nitrobenzene-d5
Concen: 92.196 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031208.D
Acq: 23 Nov 2017 3:51

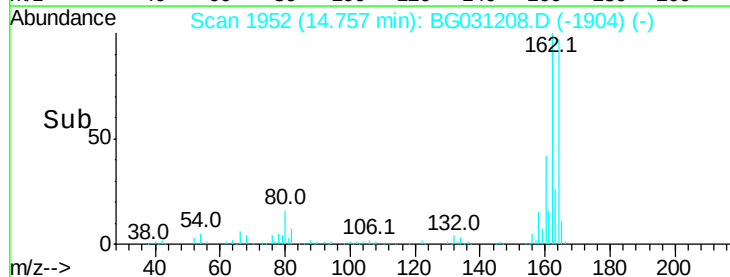
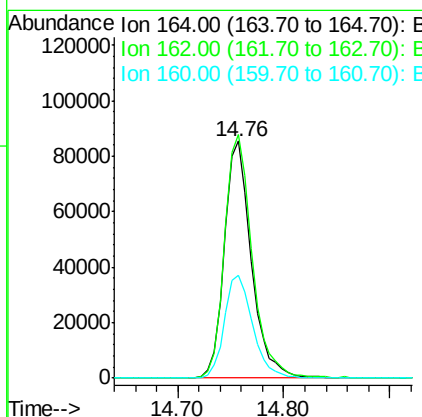
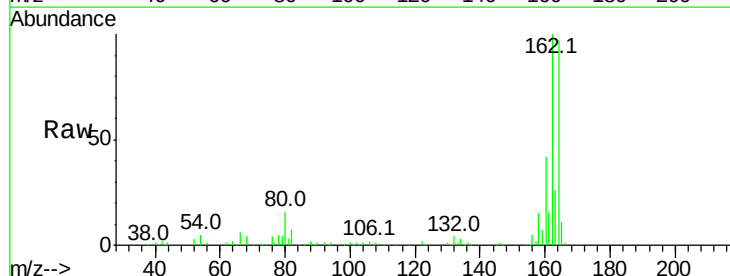
Instrument :
BNA_G
ClientSampleId :
PB104495TB

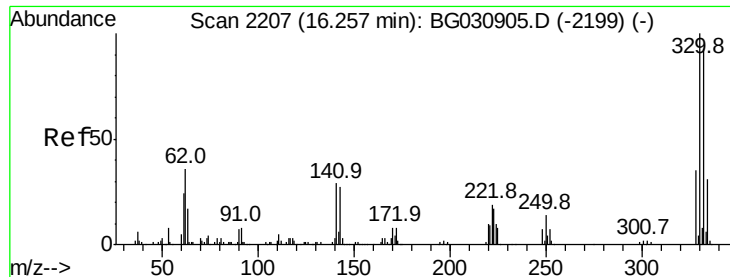
Tot Ion: 82 Resp: 345681
Ion Ratio Lower Upper
82 100
128 47.2 29.7 44.5#
54 48.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031208.D
Acq: 23 Nov 2017 3:51

Tgt Ion:164 Resp: 151092
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 43.2 35.4 53.0

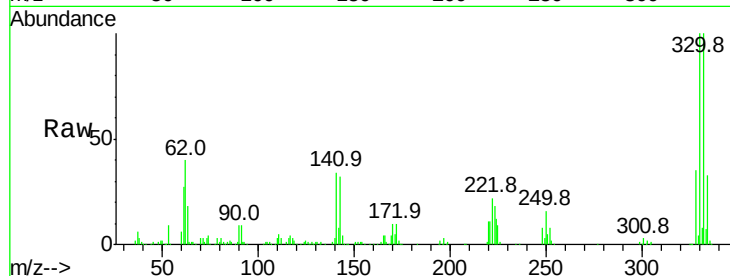




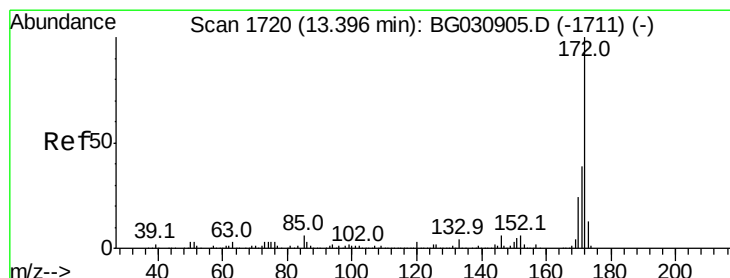
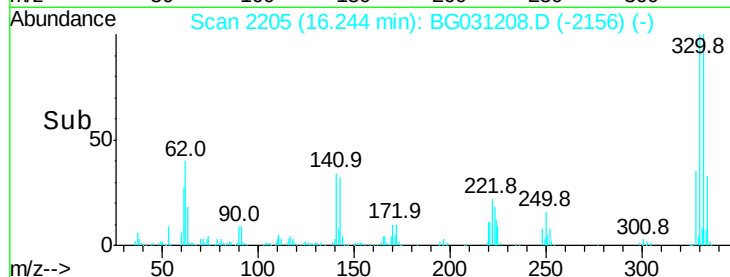
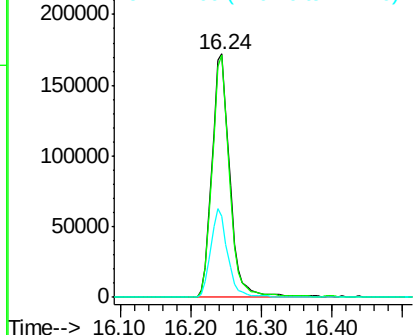
#41
 2,4,6-Tribromophenol
 Concen: 124.778 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031208.D
 Acq: 23 Nov 2017 3:51

Instrument :
 BNA_G
 ClientSampleId :
 PB104495TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.7	25.2	37.8

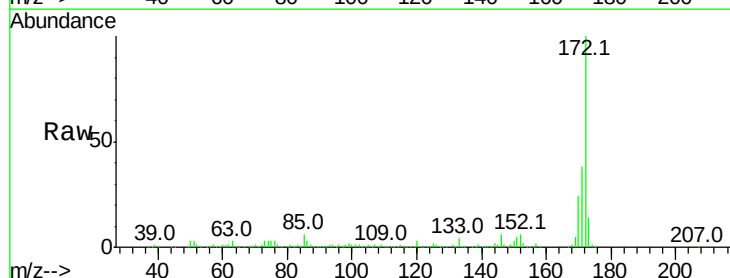


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

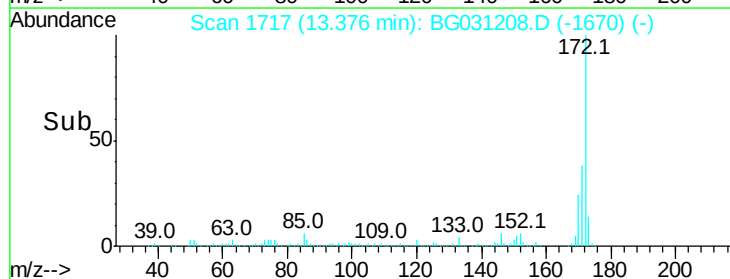
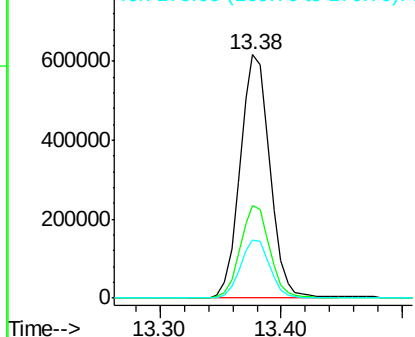


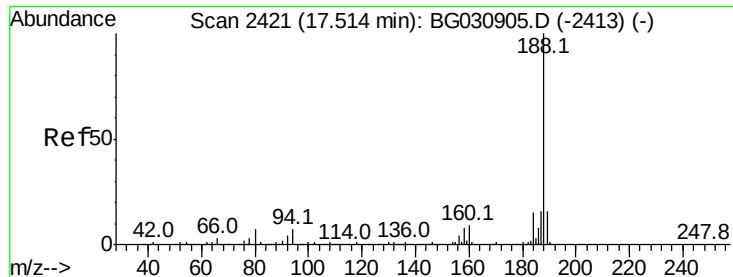
#44
 2-Fluorobiphenyl
 Concen: 100.982 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031208.D
 Acq: 23 Nov 2017 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	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

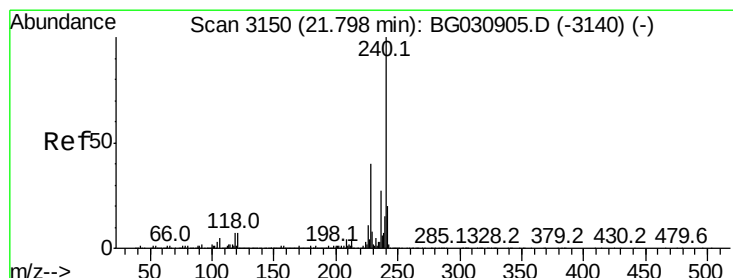
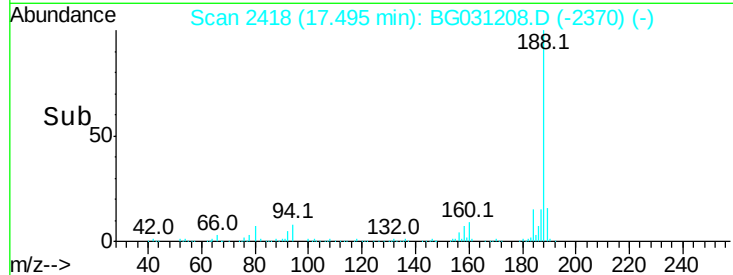
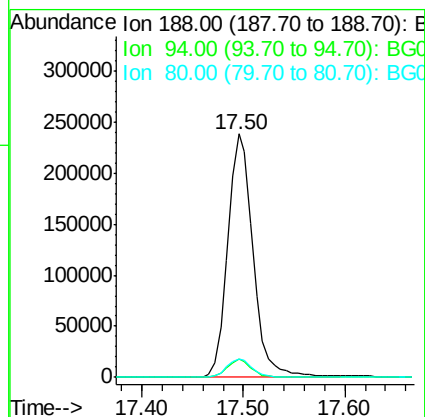
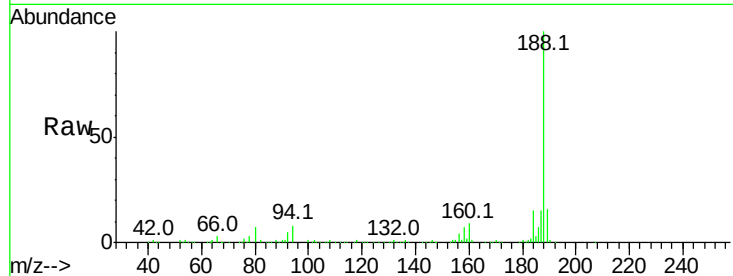




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031208.D
Acq: 23 Nov 2017 3:51

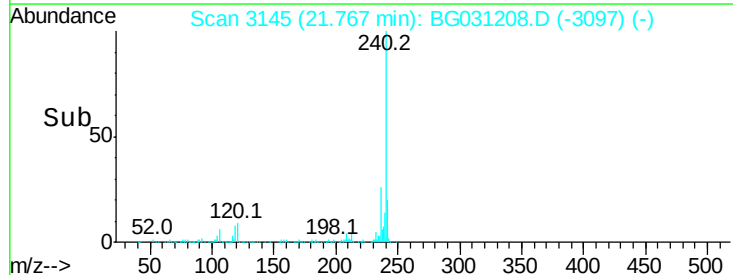
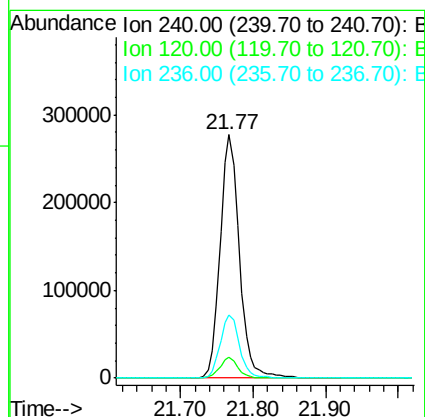
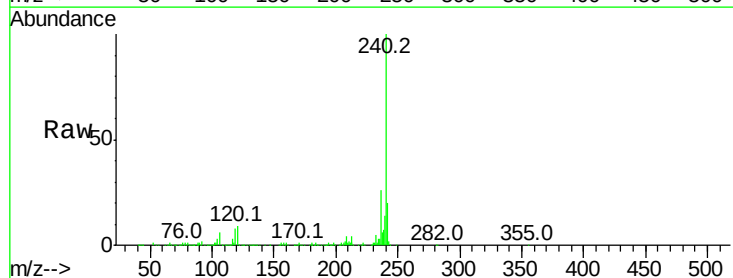
Instrument :
BNA_G
ClientSampleId :
PB104495TB

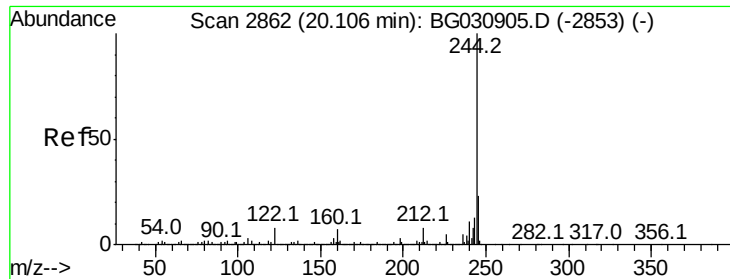
Tot Ion:188 Resp: 412637
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031208.D
Acq: 23 Nov 2017 3:51

Tgt Ion:240 Resp: 514201
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 90.219 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031208.D

Acq: 23 Nov 2017 3:51

Instrument :

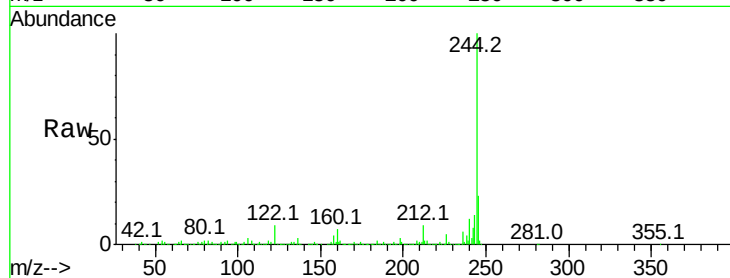
BNA_G

ClientSampleId :

PB104495TB

Tot Ion:244 Resp: 2100942

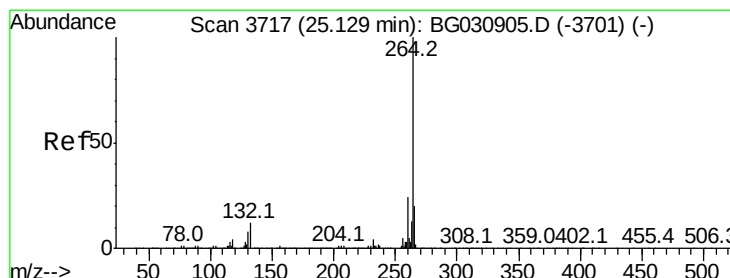
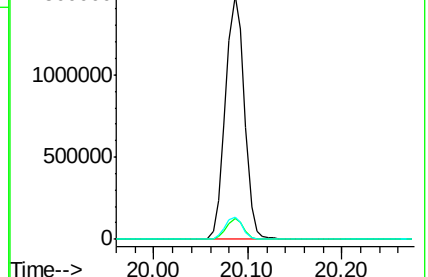
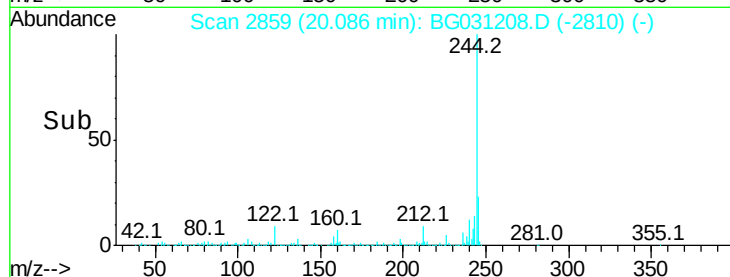
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.2	7.0	10.4



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

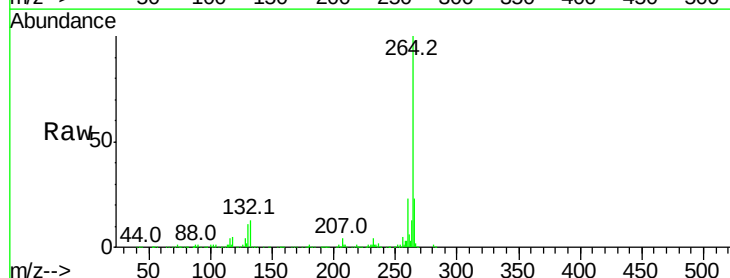
Delta R.T. -0.02 min

Lab File: BG031208.D

Acq: 23 Nov 2017 3:51

Tgt Ion:264 Resp: 500922

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.6	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

