

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031172.D
 Acq On : 22 Nov 2017 4:06
 Operator : SJ/JU
 Sample : PB104448BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 04:57:08 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	54021	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	228429	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	150130	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	401143	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	489610	20.00	ng	-0.01
86) Perylene-d12	25.07	264	435655	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	273207	86.72	ng	0.00
7) Phenol-d6	7.30	99	357170	84.15	ng	0.00
23) Nitrobenzene-d5	9.30	82	303021	78.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	160560	66.11	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	904684	86.59	ng	-0.02
78) Terphenyl-d14	20.09	244	1591013	71.75	ng	0.00

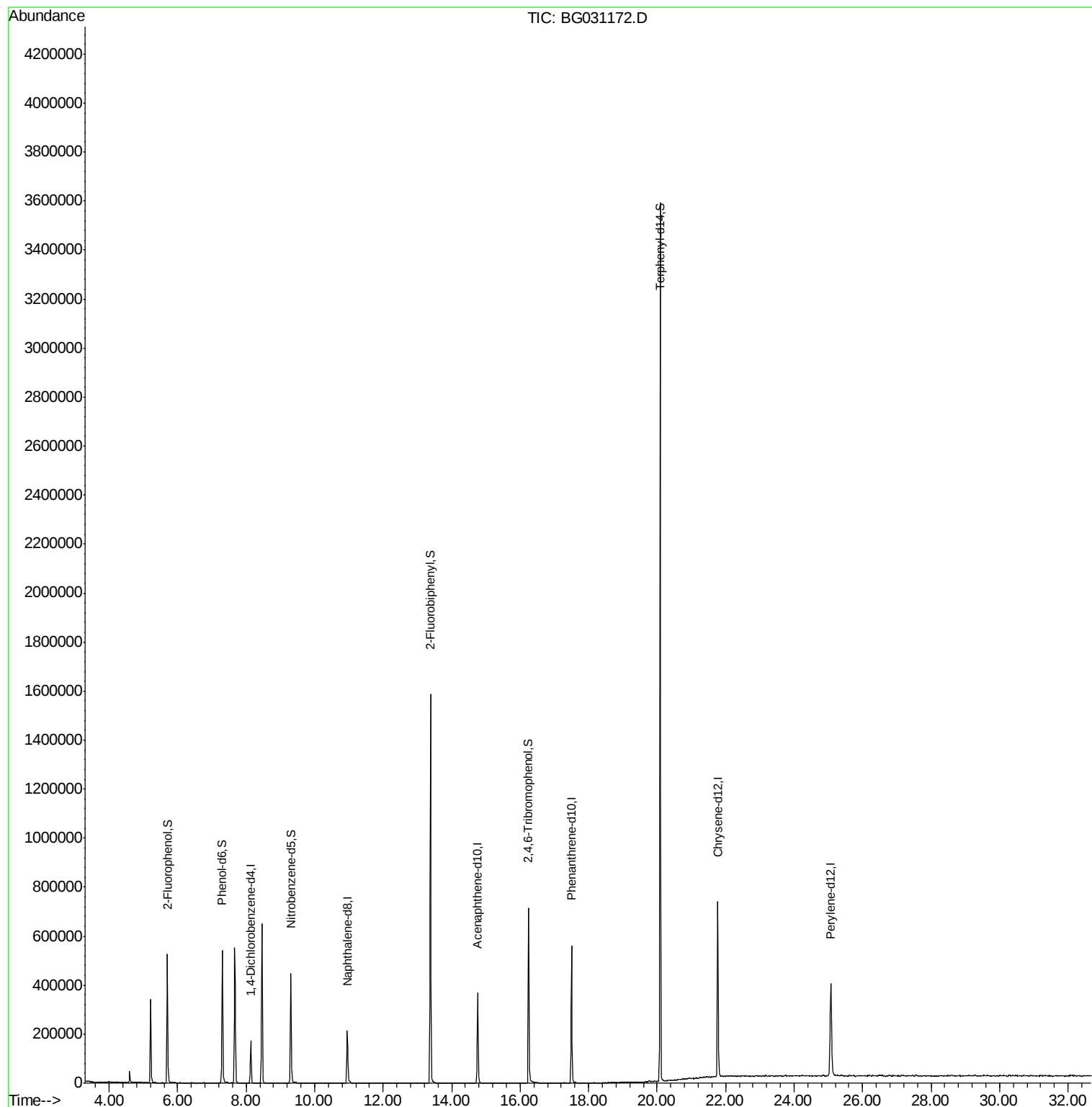
Target Compounds Qvalue

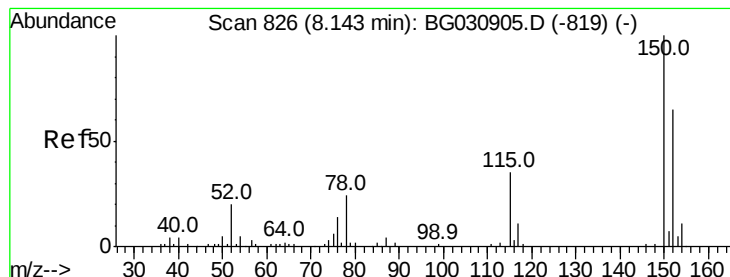
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG031172.D

Acq: 22 Nov 2017 4:06

Instrument :

BNA_G

ClientSampleId :

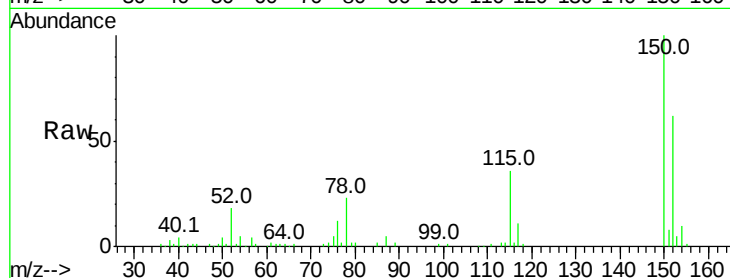
Tot Ion:152 Resp: 54021

Ion Ratio Lower Upper

152 100

150 160.5 126.6 189.8

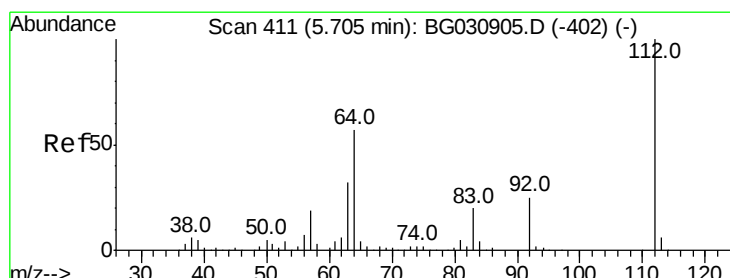
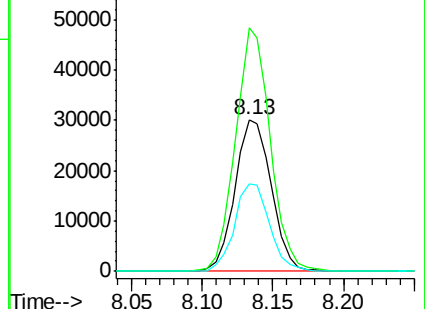
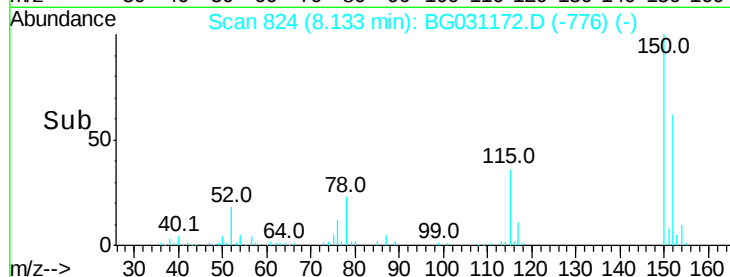
115 57.7 53.0 79.4



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: 86.723 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031172.D

Acq: 22 Nov 2017 4:06

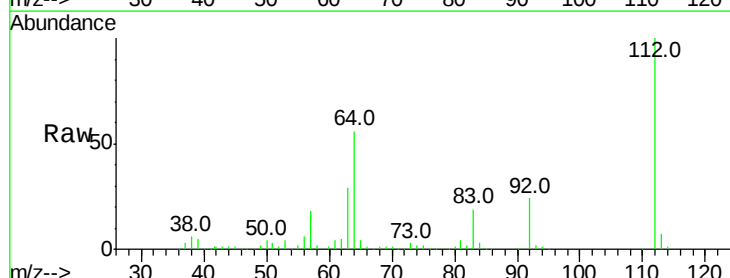
Tgt Ion:112 Resp: 273207

Ion Ratio Lower Upper

112 100

64 56.4 56.3 84.5

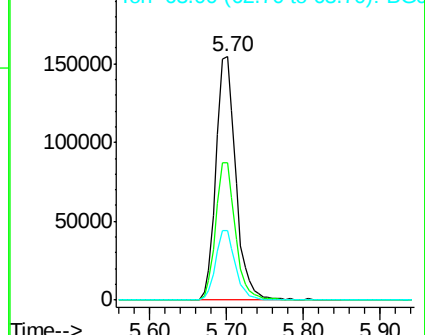
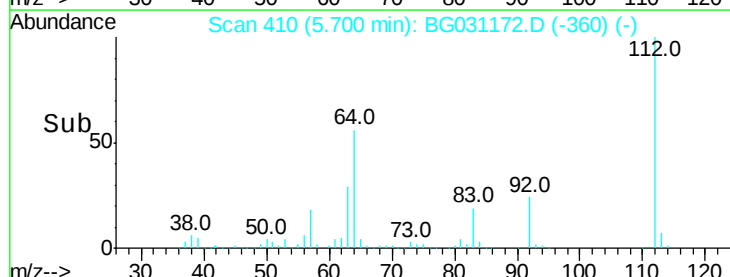
63 28.8 30.1 45.1#

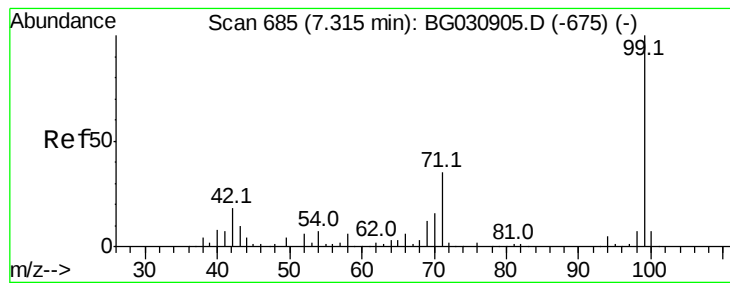


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 84.155 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031172.D

Acq: 22 Nov 2017 4:06

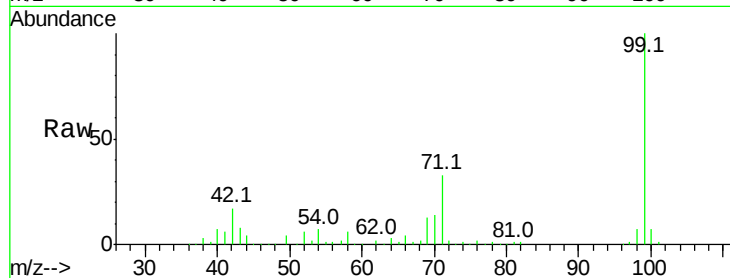
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 357170

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	32.7	26.1	39.1

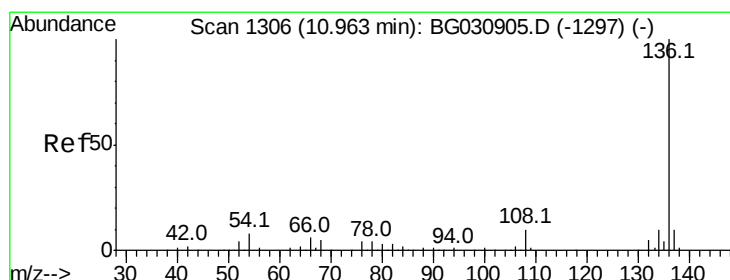
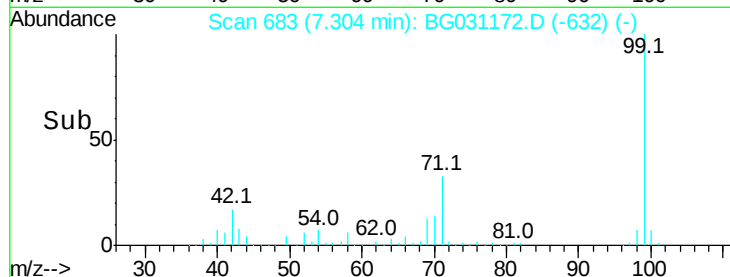
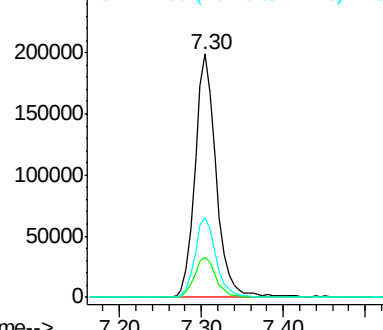


Abundance

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

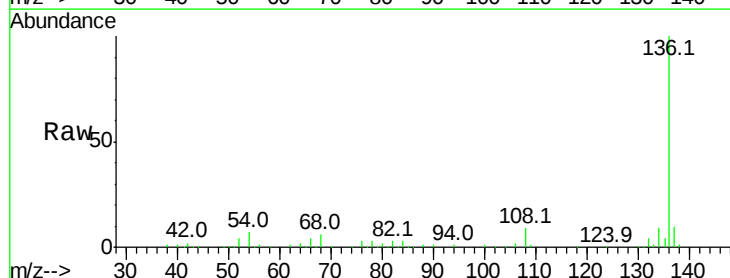
Delta R.T. -0.01 min

Lab File: BG031172.D

Acq: 22 Nov 2017 4:06

Tgt Ion: 136 Resp: 228429

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.8	10.3	15.5#
68	5.5	4.5	6.7



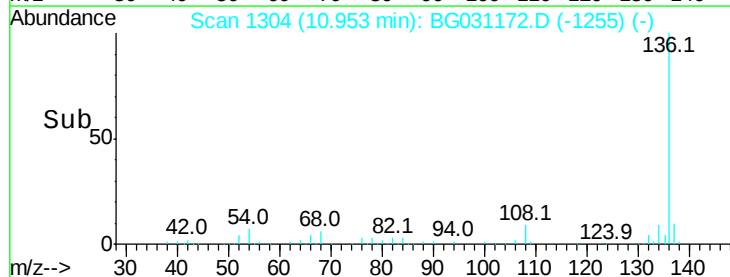
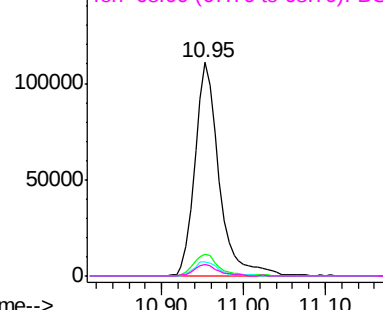
Abundance

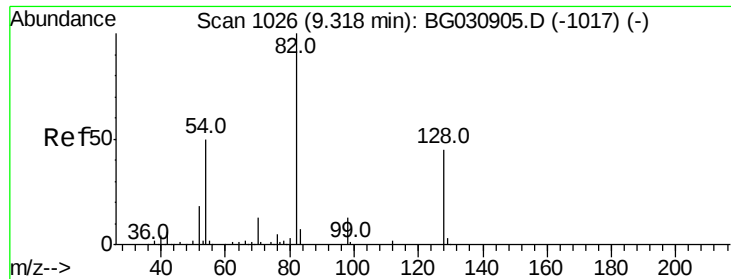
Ion 136.00 (135.70 to 136.70): BGC

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

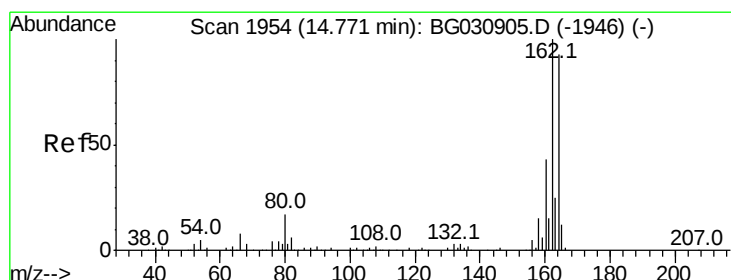
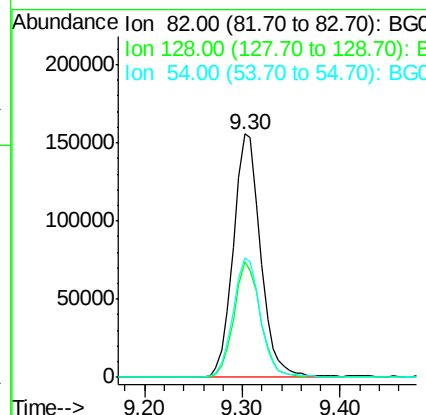
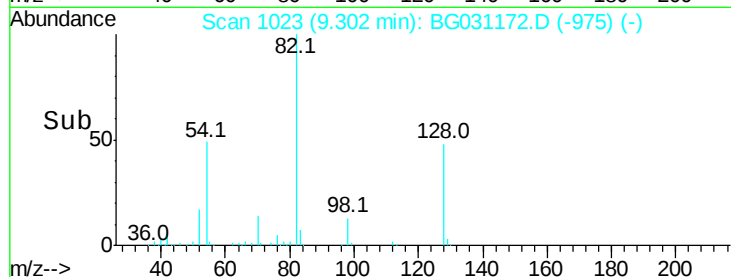
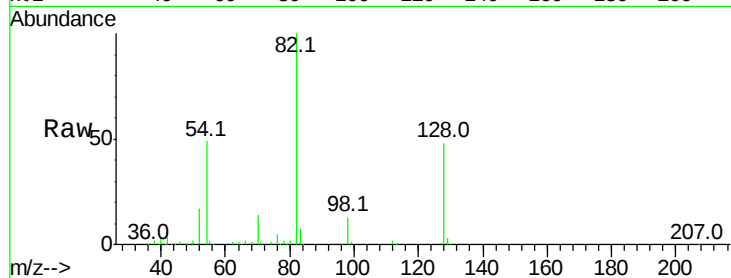




#23
Nitrobenzene-d5
Concen: 78.606 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031172.D
Acq: 22 Nov 2017 4:06

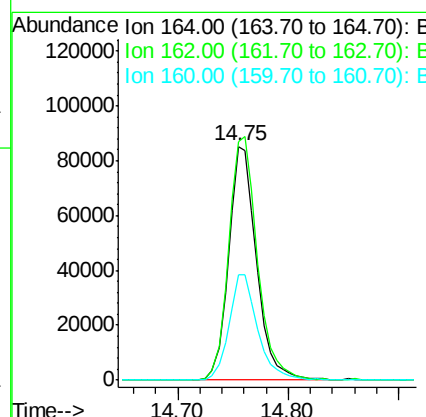
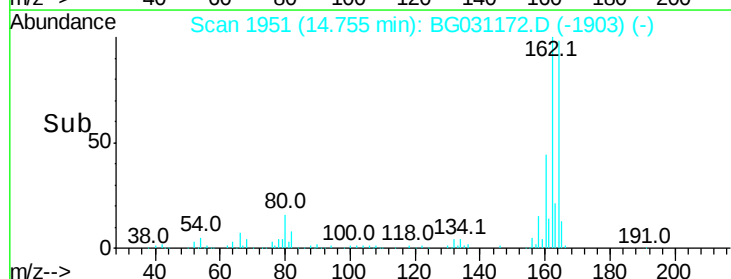
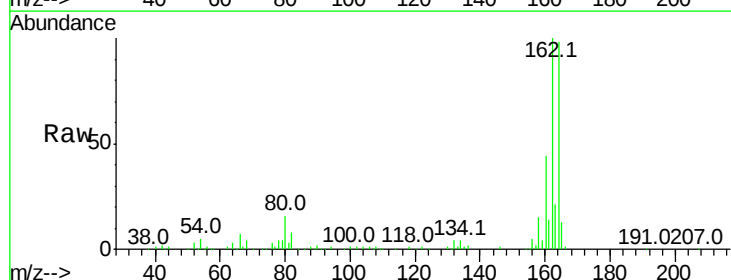
Instrument :
BNA_G
ClientSampleId :

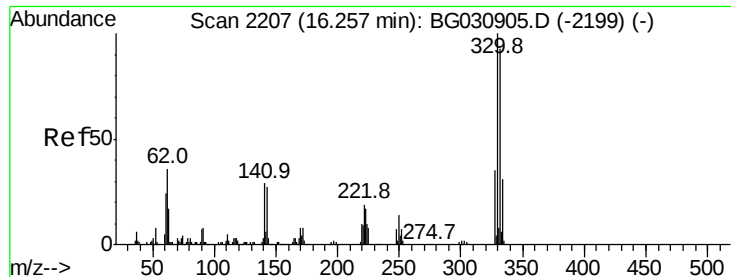
Tot Ion: 82 Resp: 303021
Ion Ratio Lower Upper
82 100
128 47.7 29.7 44.5#
54 49.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031172.D
Acq: 22 Nov 2017 4:06

Tgt Ion:164 Resp: 150130
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 45.0 35.4 53.0

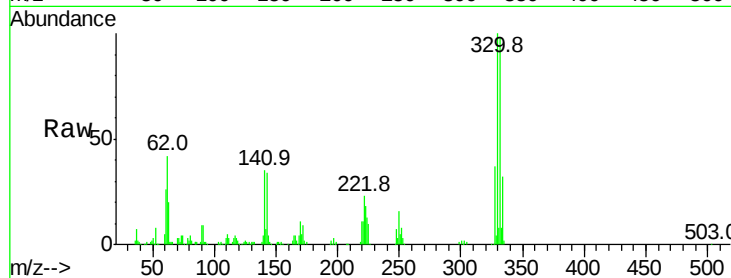




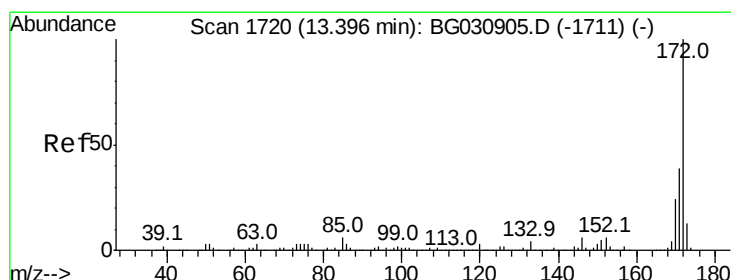
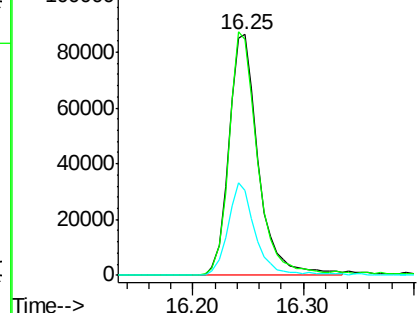
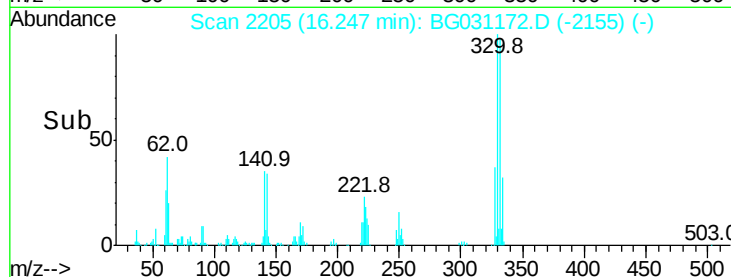
#41
 2,4,6-Tribromophenol
 Concen: 66.112 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031172.D
 Acq: 22 Nov 2017 4:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	35.3	25.2	37.8

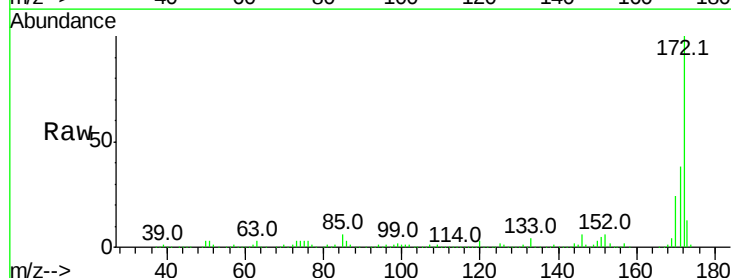


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

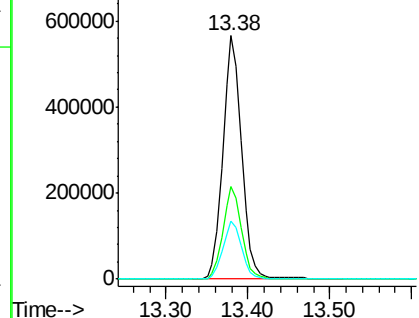
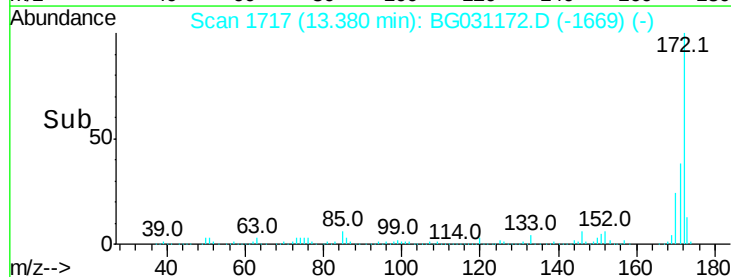


#44
 2-Fluorobiphenyl
 Concen: 86.587 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031172.D
 Acq: 22 Nov 2017 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.7	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

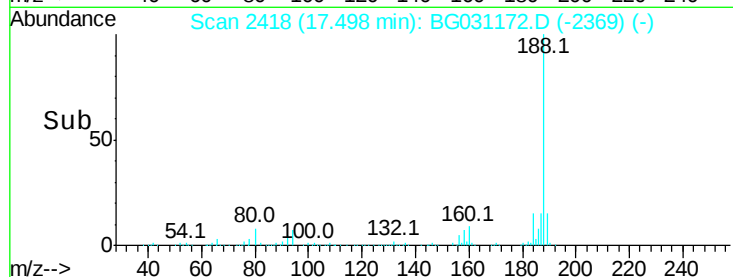
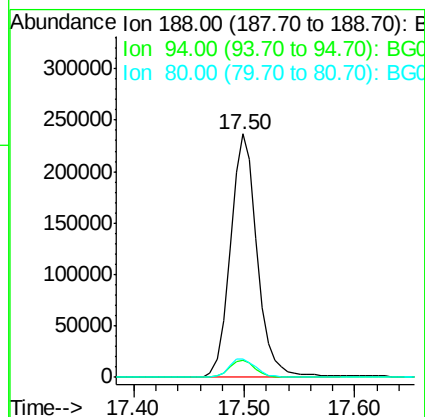
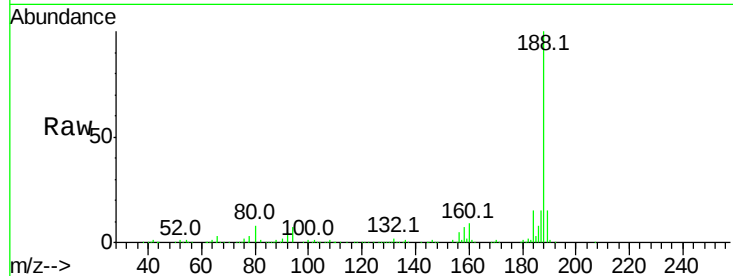




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG031172.D
Acq: 22 Nov 2017 4:06

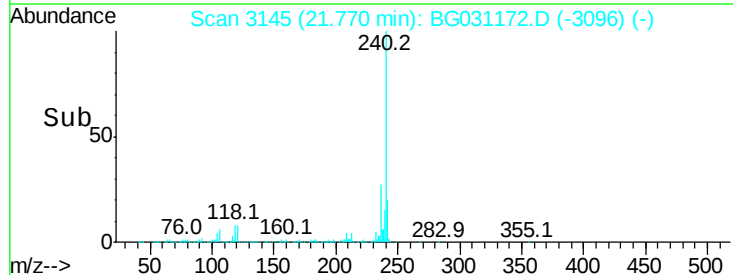
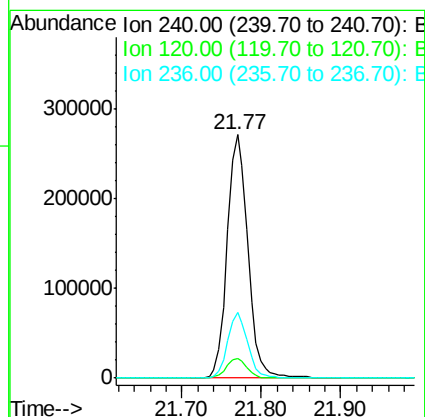
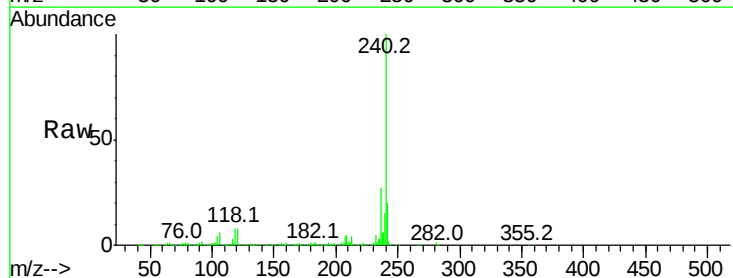
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 401143
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: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031172.D
Acq: 22 Nov 2017 4:06

Tgt Ion:240 Resp: 489610
Ion Ratio Lower Upper
240 100
120 7.8 6.8 10.2
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 71.753 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031172.D

Acq: 22 Nov 2017 4:06

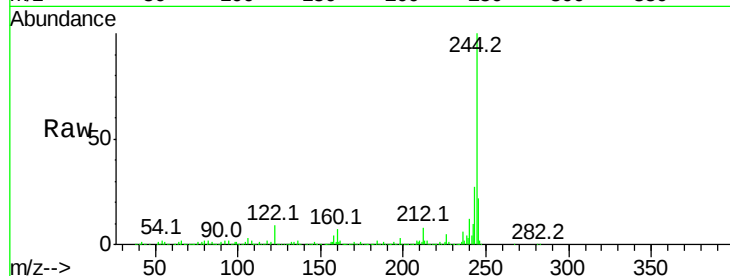
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1591013

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	8.8	7.0	10.4

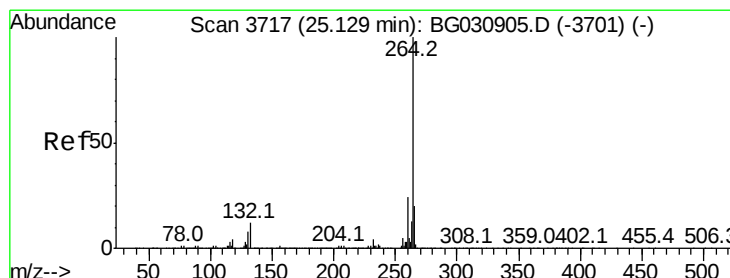
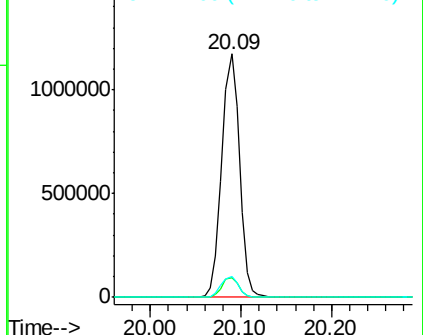
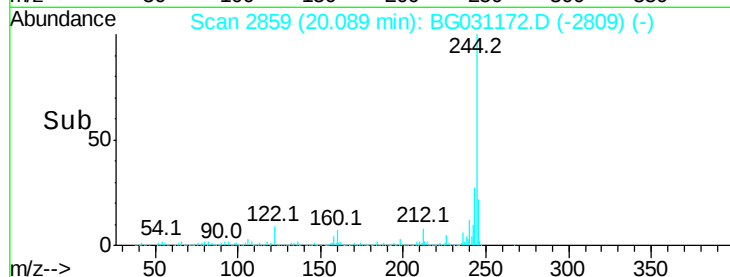


Abundance

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# 3706

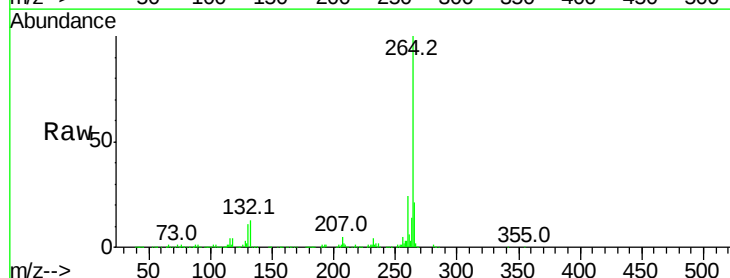
Delta R.T. -0.03 min

Lab File: BG031172.D

Acq: 22 Nov 2017 4:06

Tgt Ion:264 Resp: 435655

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.1	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

