

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031203.D
 Acq On : 22 Nov 2017 23:41
 Operator : SJ/JU
 Sample : I6505-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 23 02:12:20 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	55914	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	251428	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	167905	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	434134	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	520816	20.00	ng	-0.02
86) Perylene-d12	25.07	264	500675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	216820	66.49	ng	-0.01
7) Phenol-d6	7.30	99	176309	40.13	ng	0.00
23) Nitrobenzene-d5	9.30	82	377937	89.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	317284	116.81	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1107809	94.80	ng	-0.02
78) Terphenyl-d14	20.09	244	2096351	88.88	ng	0.00

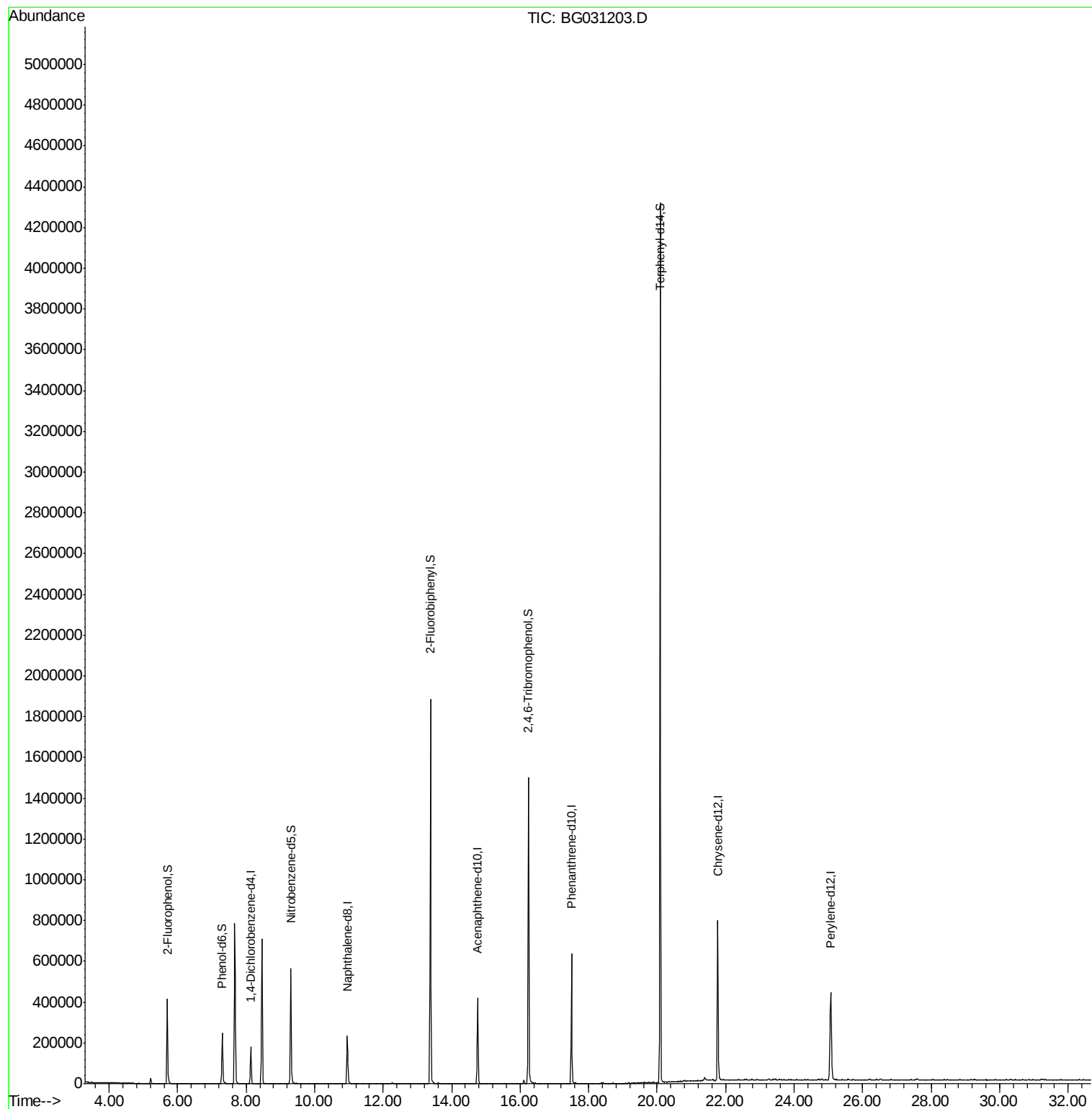
Target Compounds Qvalue

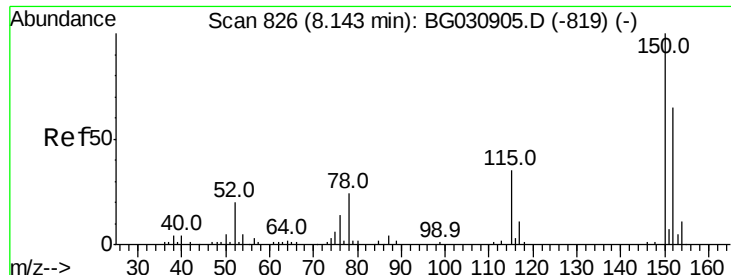
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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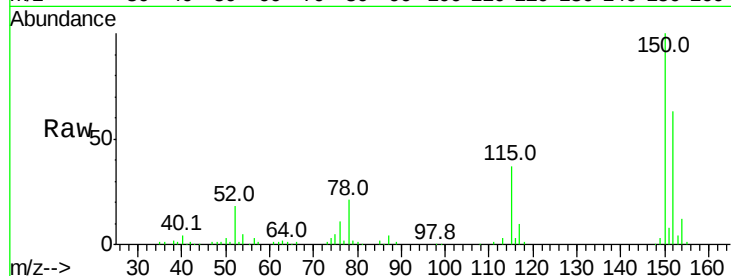


#1

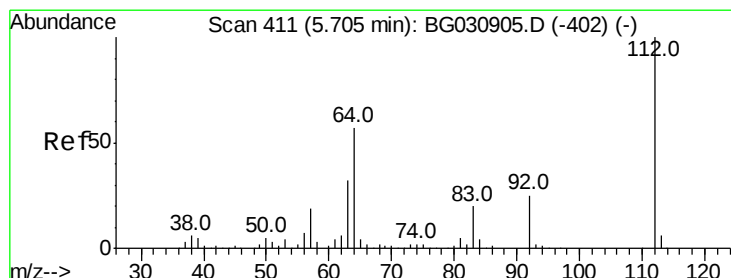
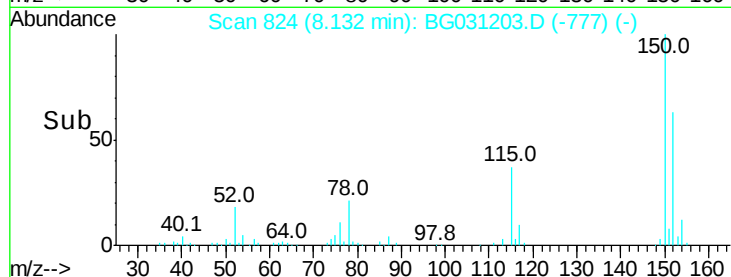
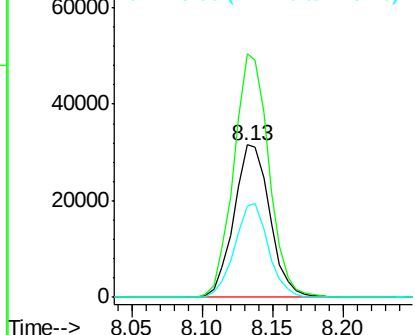
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031203.D
Acq: 22 Nov 2017 23:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55914
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 59.7 53.0 79.4



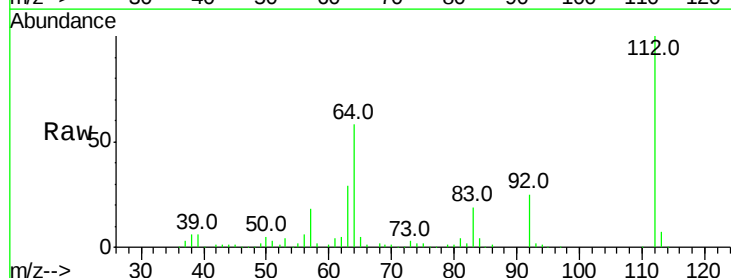
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



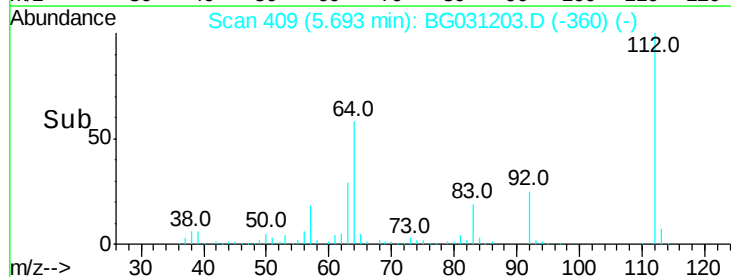
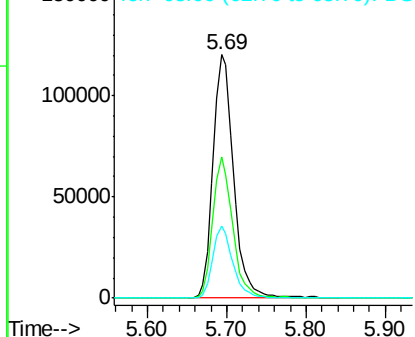
#5

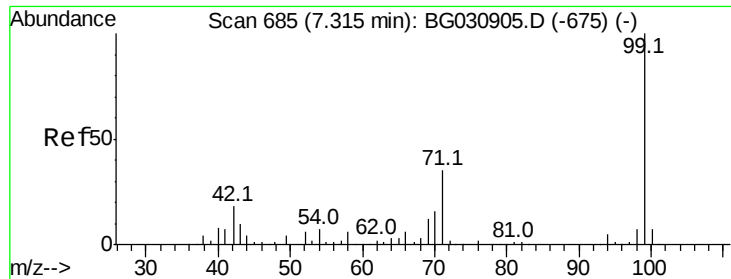
2-Fluorophenol
Concen: 66.494 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031203.D
Acq: 22 Nov 2017 23:41

Tgt Ion:112 Resp: 216820
Ion Ratio Lower Upper
112 100
64 58.0 56.3 84.5
63 29.4 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: 40.135 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031203.D

Acq: 22 Nov 2017 23:41

Instrument :

BNA_G

ClientSampleId :

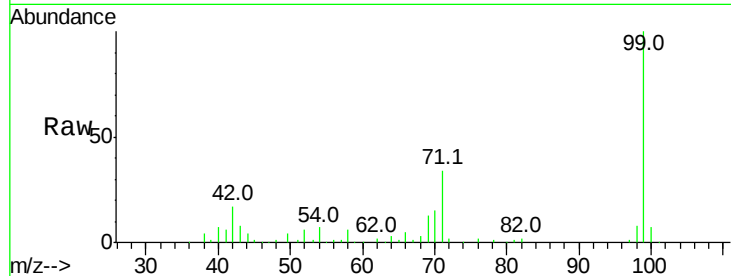
Tot Ion: 99 Resp: 176309

Ion Ratio Lower Upper

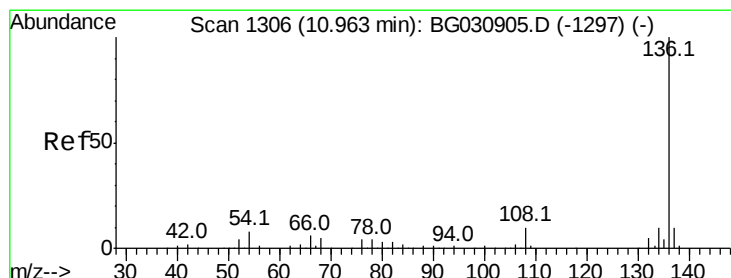
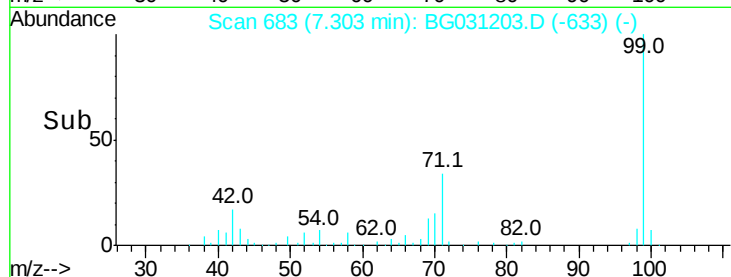
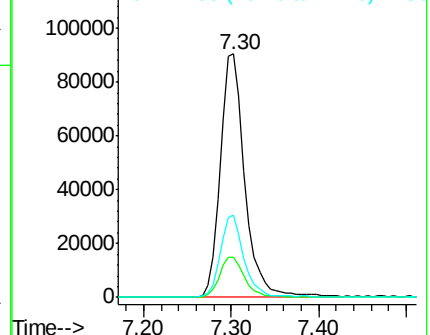
99 100

42 16.6 14.1 21.1

71 33.6 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: BG031203.D

Acq: 22 Nov 2017 23:41

Tgt Ion: 136 Resp: 251428

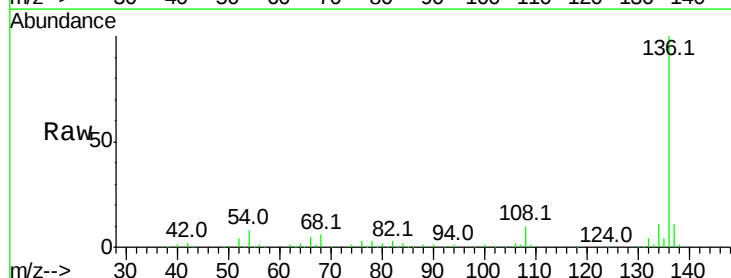
Ion Ratio Lower Upper

136 100

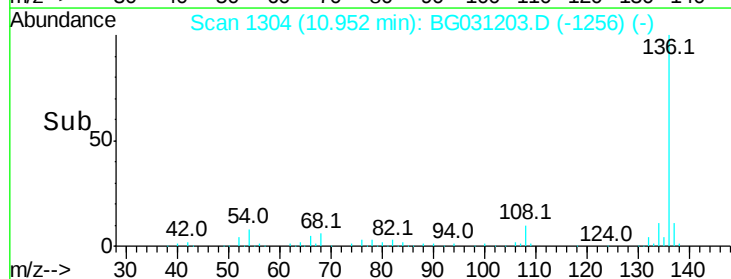
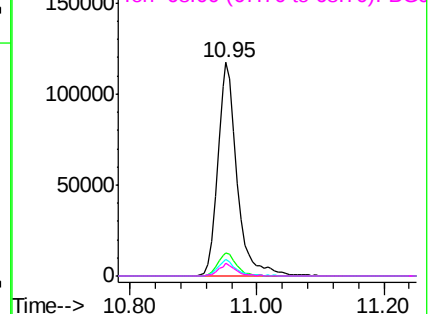
137 10.7 9.2 13.8

54 7.8 10.3 15.5#

68 5.8 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

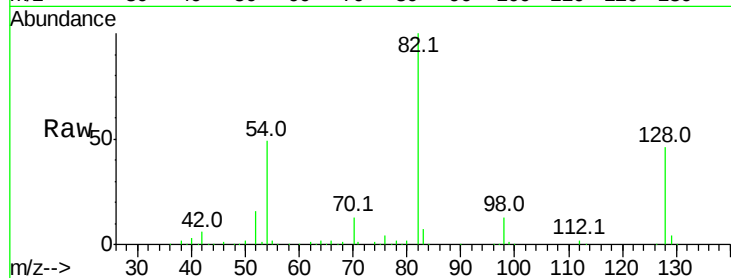




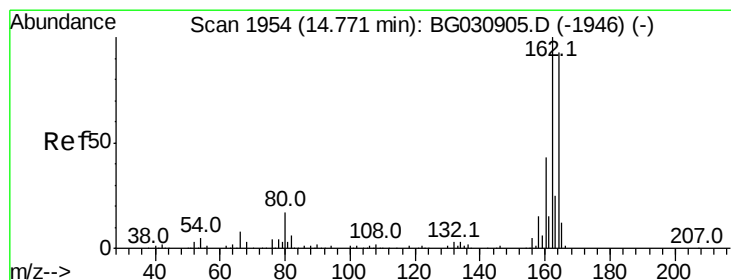
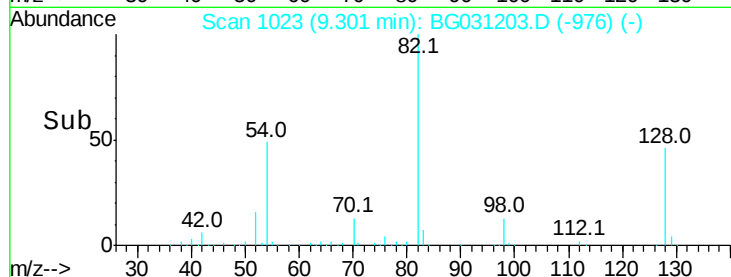
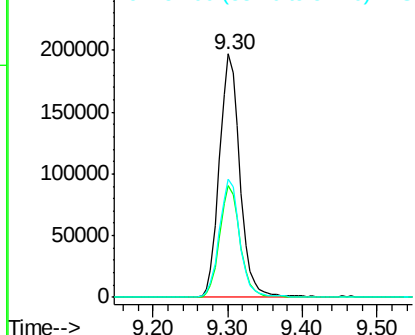
#23
Nitrobenzene-d5
Concen: 89.072 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031203.D
Acq: 22 Nov 2017 23:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	377937
Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	48.6	43.1	64.7

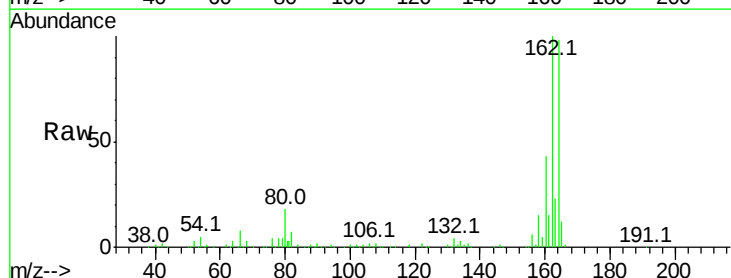


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

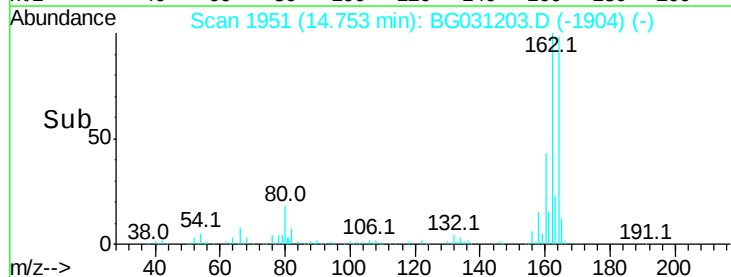
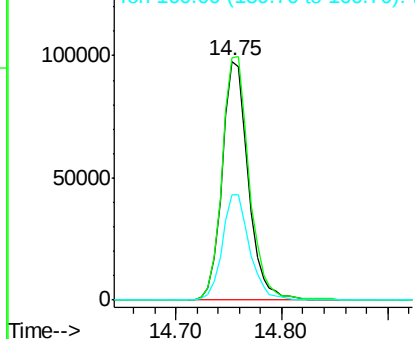


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031203.D
Acq: 22 Nov 2017 23:41

Tgt Ion	164	Resp	167905
Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	44.2	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

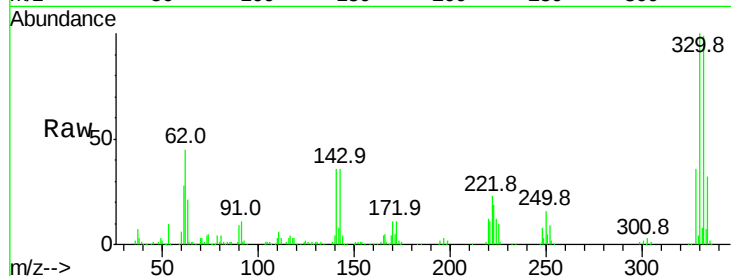




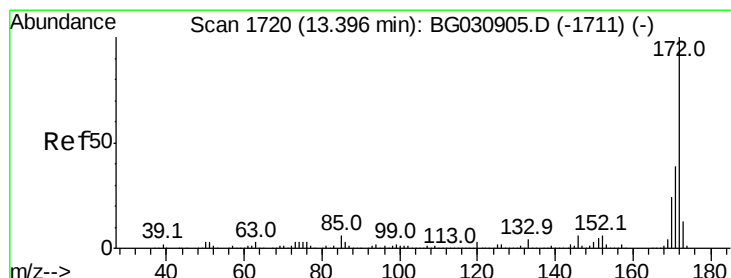
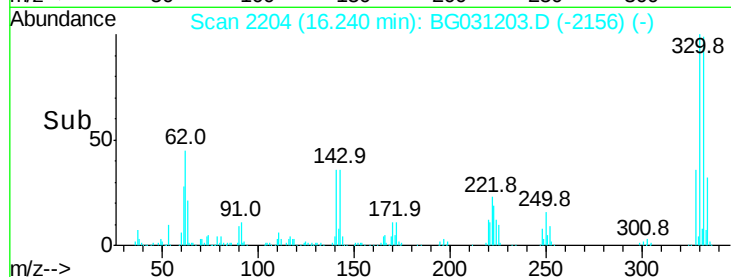
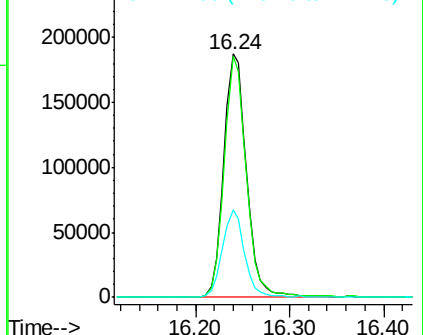
#41
 2,4,6-Tribromophenol
 Concen: 116.814 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031203.D
 Acq: 22 Nov 2017 23:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.7	25.2	37.8

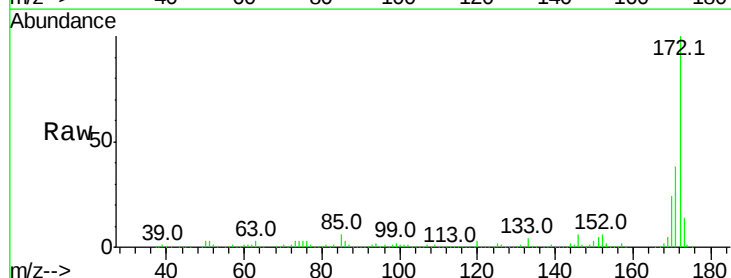


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

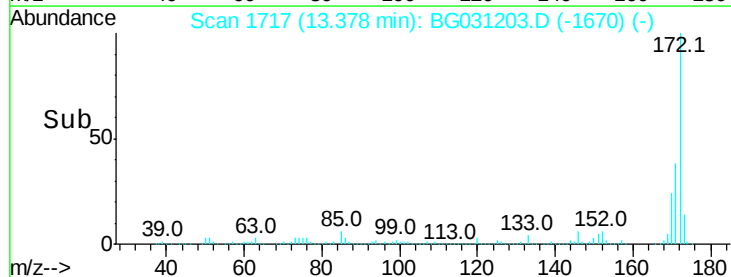
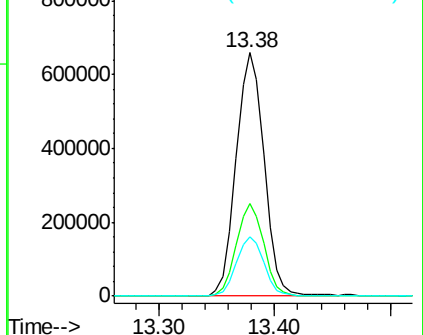


#44
 2-Fluorobiphenyl
 Concen: 94.804 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031203.D
 Acq: 22 Nov 2017 23:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	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: BG031203.D

Acq: 22 Nov 2017 23:41

Instrument :

BNA_G

ClientSampleId :

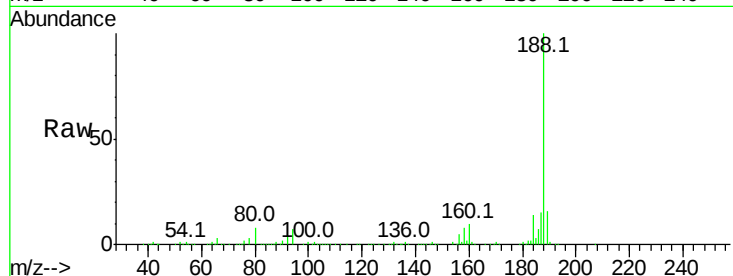
Tot Ion:188 Resp: 434134

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

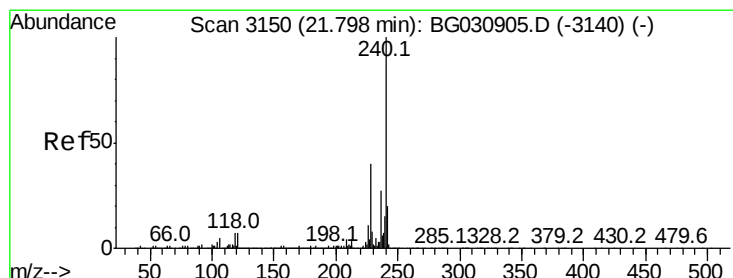
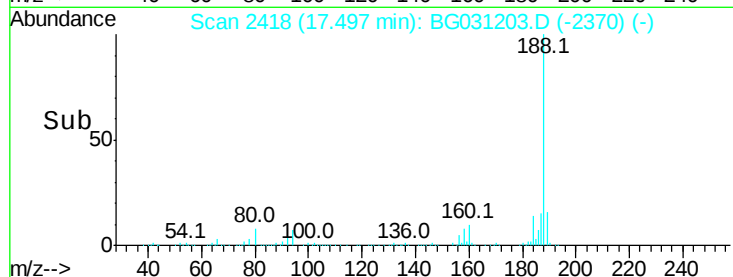
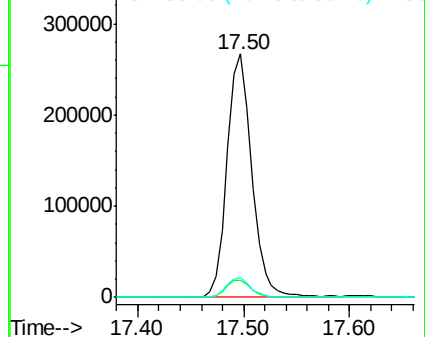
80 8.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031203.D

Acq: 22 Nov 2017 23:41

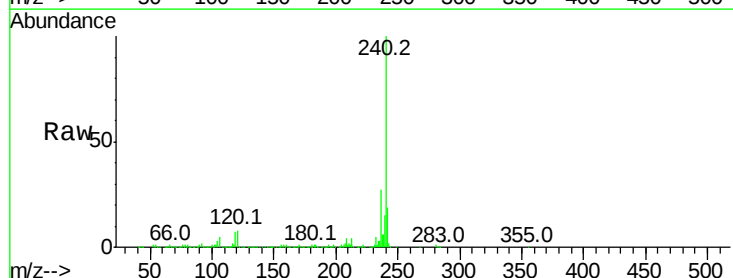
Tgt Ion:240 Resp: 520816

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

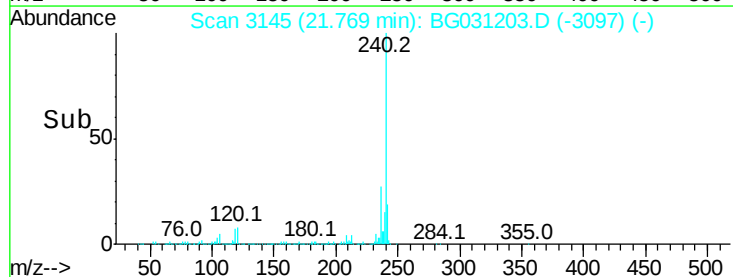
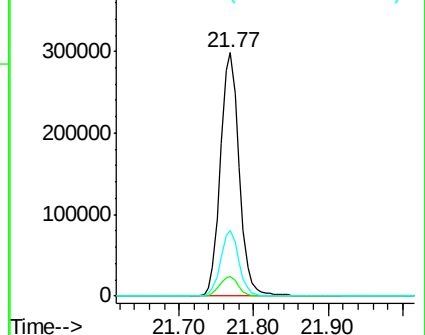
236 26.8 20.9 31.3



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: 88.878 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031203.D

Acq: 22 Nov 2017 23:41

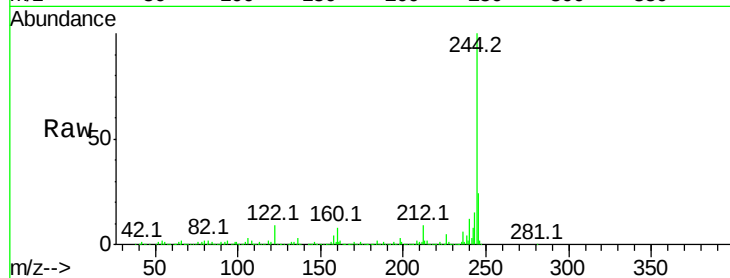
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2096351

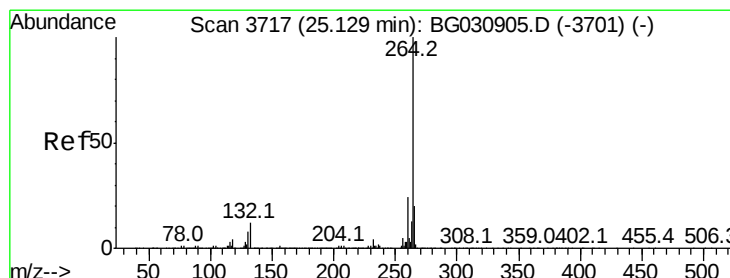
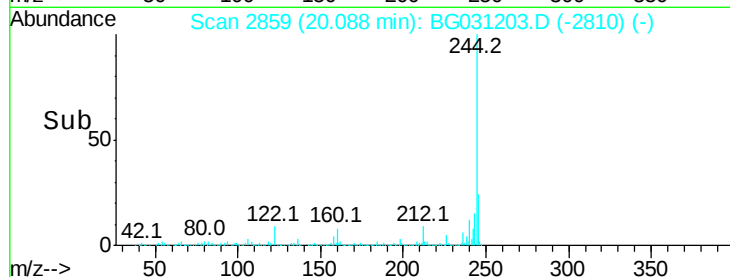
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.9	7.0	10.4



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

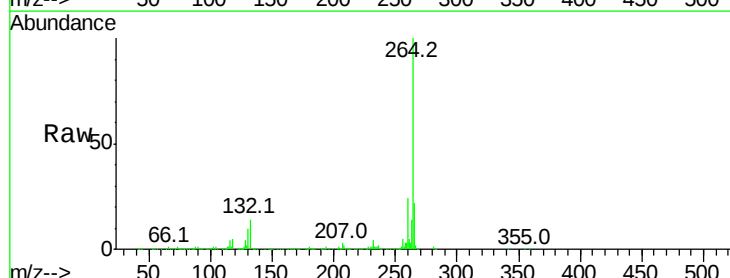
Delta R.T. -0.02 min

Lab File: BG031203.D

Acq: 22 Nov 2017 23:41

Tgt Ion:264 Resp: 500675

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.8	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

