

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031188.D
 Acq On : 22 Nov 2017 14:17
 Operator : SJ/JU
 Sample : PB104484BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 23:51:07 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	48038	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	210668	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	145550	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	395647	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	469251	20.00	ng	-0.01
86) Perylene-d12	25.07	264	444960	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	394063	140.66	ng	-0.01
7) Phenol-d6	7.30	99	516048	136.73	ng	0.00
23) Nitrobenzene-d5	9.30	82	293987	82.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	264070	112.15	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	908272	89.67	ng	-0.02
78) Terphenyl-d14	20.09	244	1777287	83.63	ng	0.00

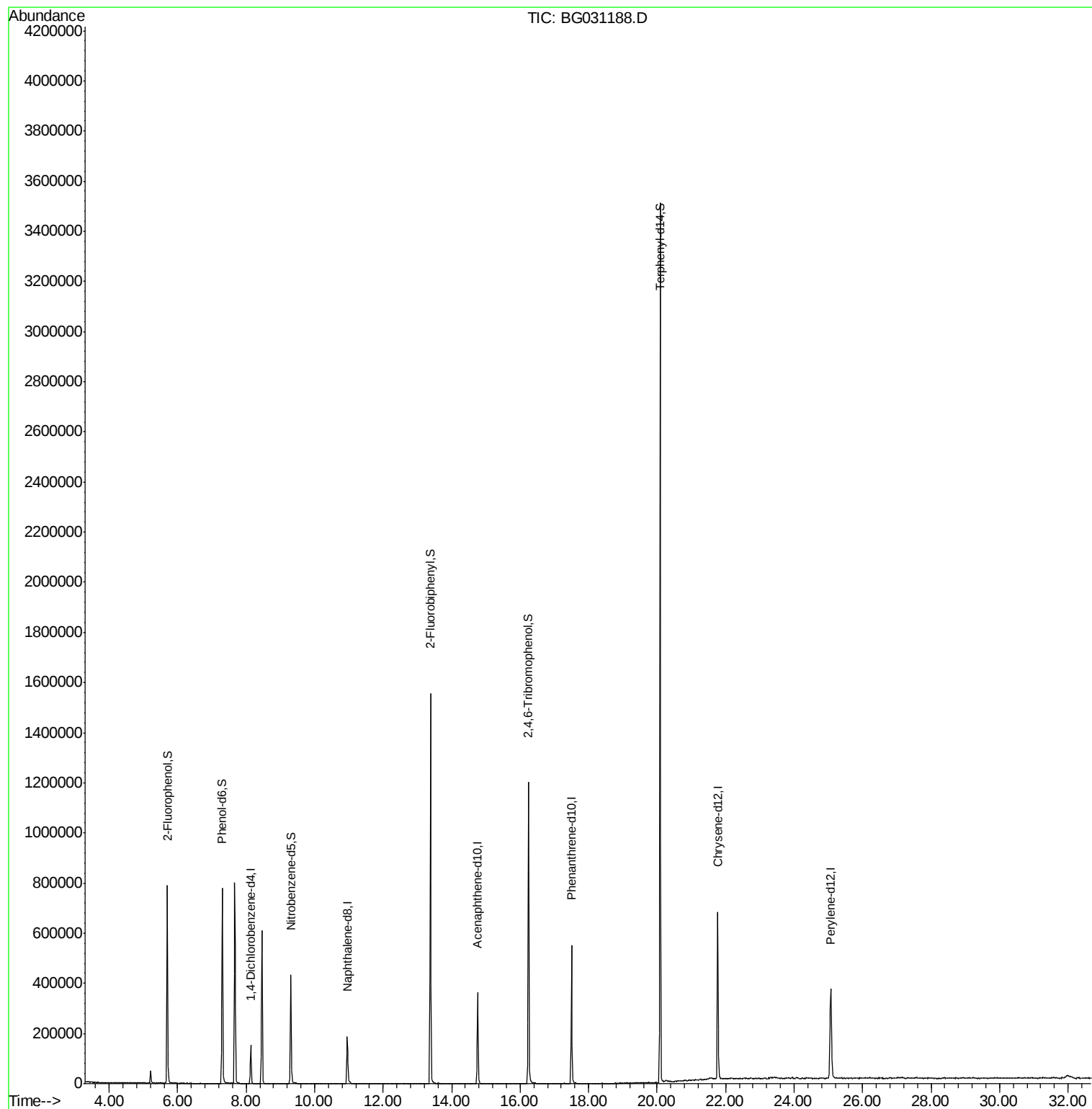
Target Compounds Qvalue

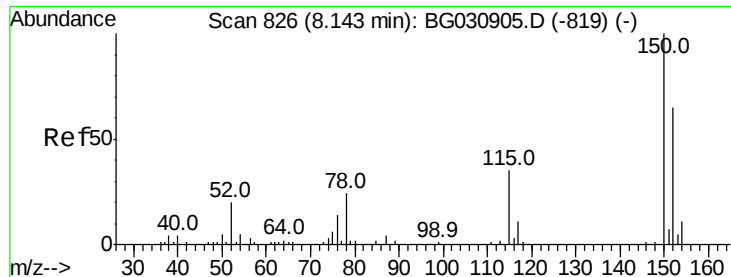
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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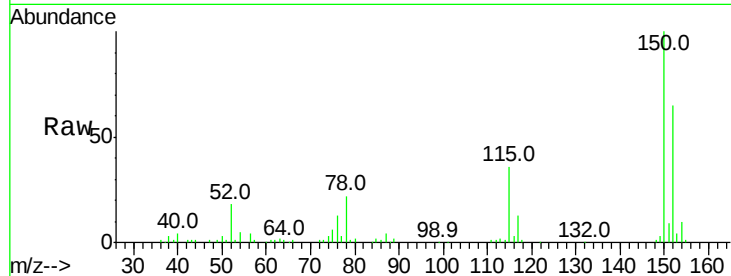


#1

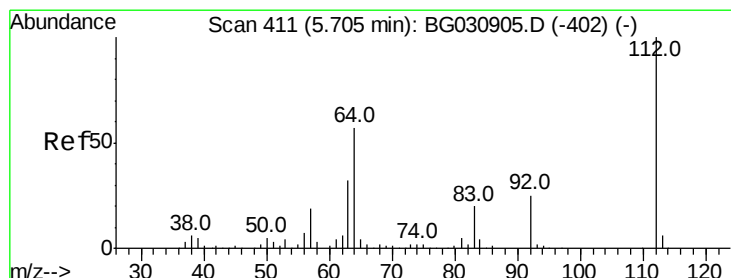
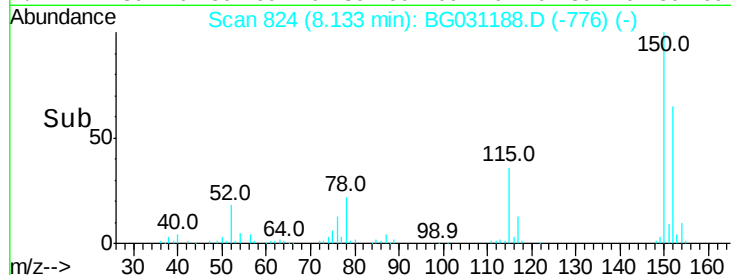
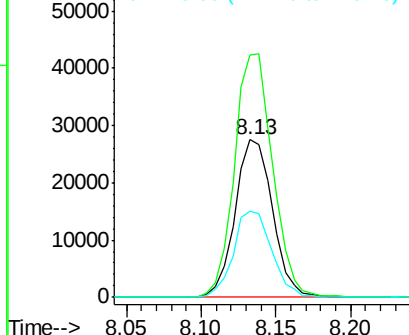
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031188.D
Acq: 22 Nov 2017 14:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48038
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 54.6 53.0 79.4



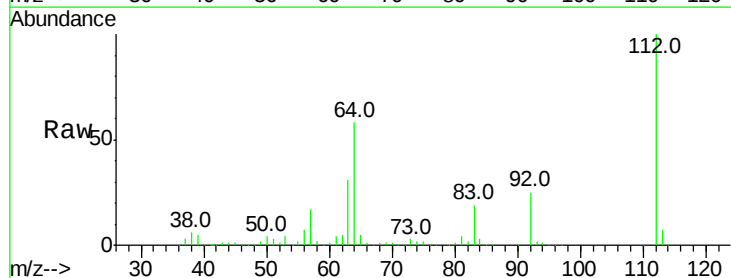
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



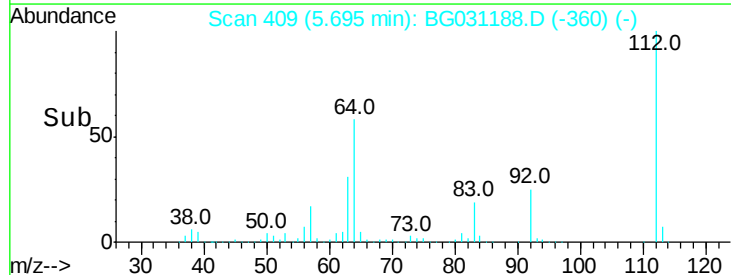
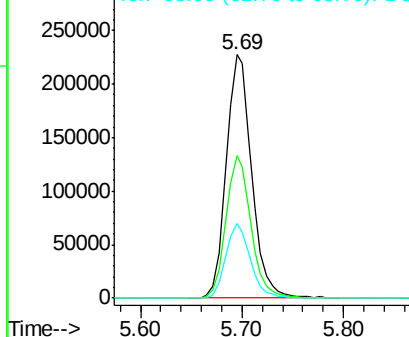
#5

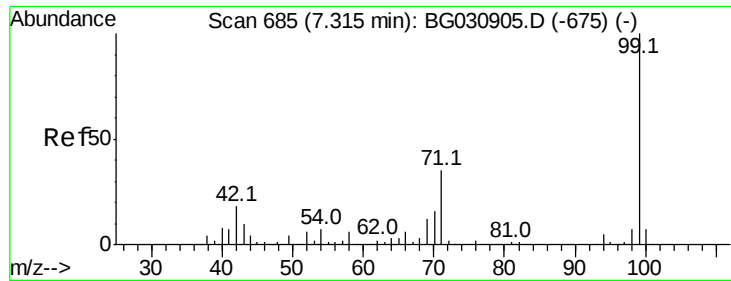
2-Fluorophenol
Concen: 140.664 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031188.D
Acq: 22 Nov 2017 14:17

Tgt Ion:112 Resp: 394063
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 30.6 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: 136.732 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031188.D

Acq: 22 Nov 2017 14:17

Instrument :

BNA_G

ClientSampleId :

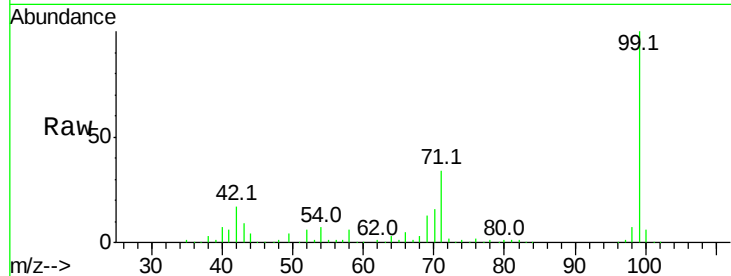
Tot Ion: 99 Resp: 516048

Ion Ratio Lower Upper

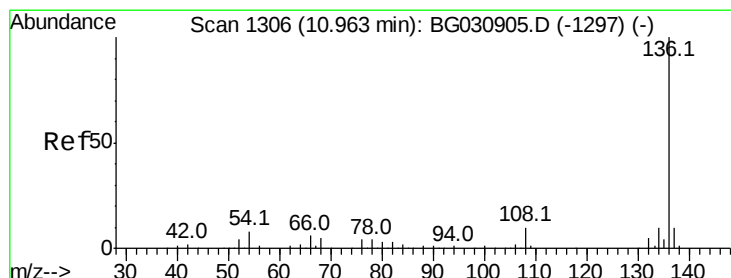
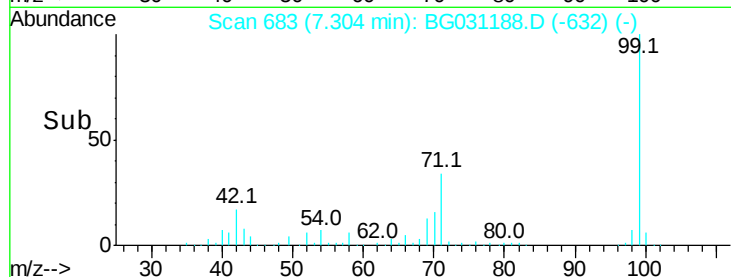
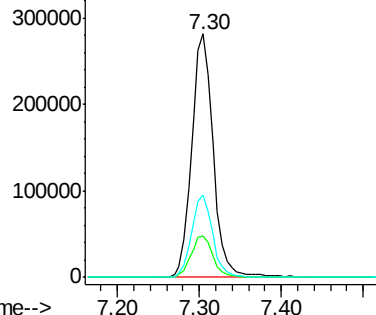
99 100

42 17.2 14.1 21.1

71 34.0 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: BG031188.D

Acq: 22 Nov 2017 14:17

Tgt Ion: 136 Resp: 210668

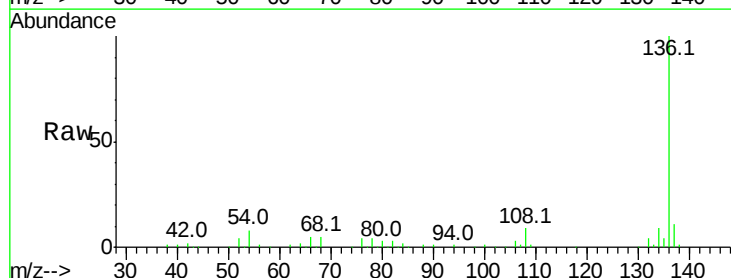
Ion Ratio Lower Upper

136 100

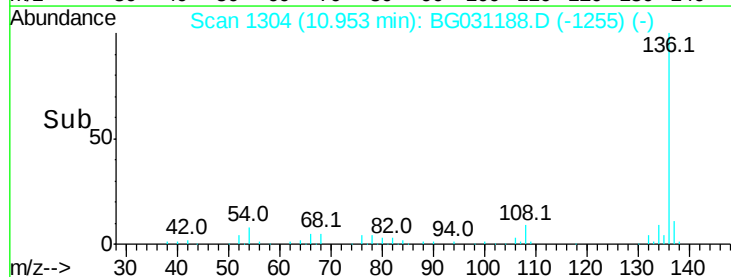
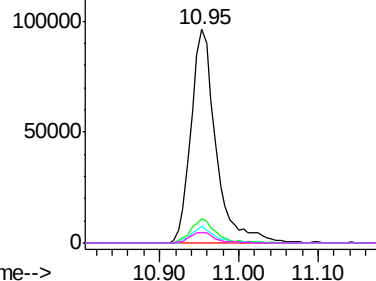
137 11.1 9.2 13.8

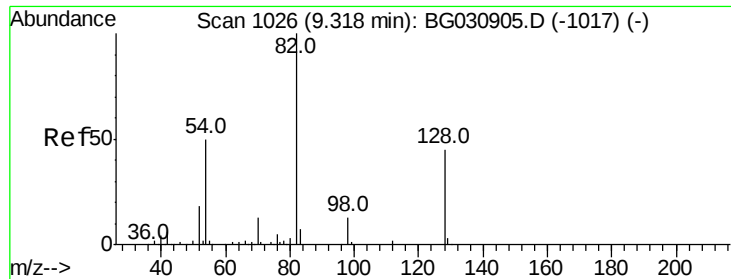
54 7.9 10.3 15.5#

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

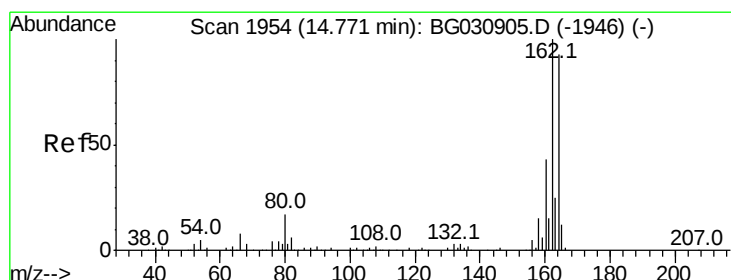
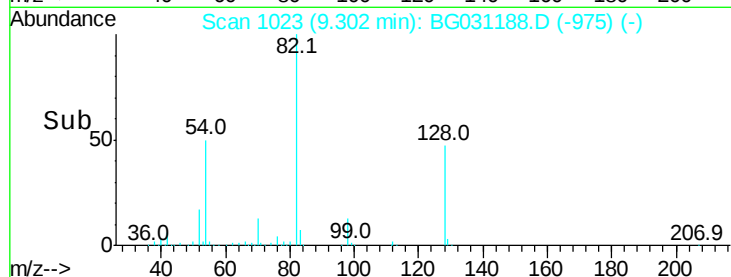
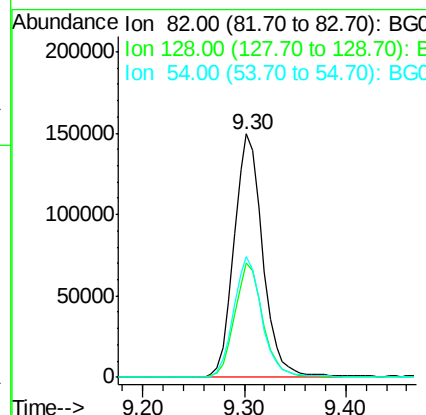
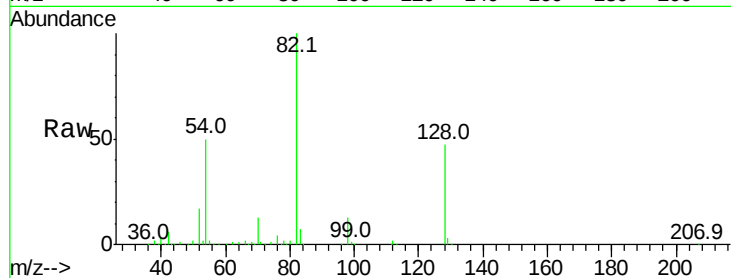




#23
 Nitrobenzene-d5
 Concen: 82.692 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031188.D
 Acq: 22 Nov 2017 14:17

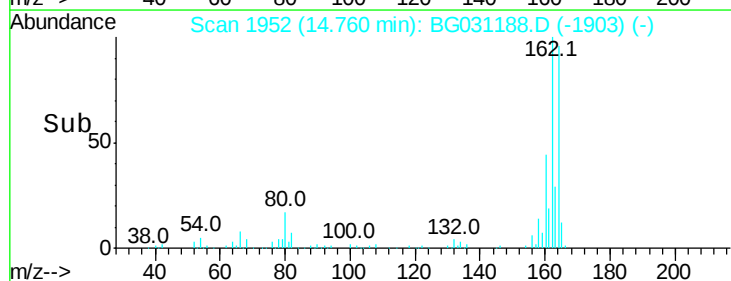
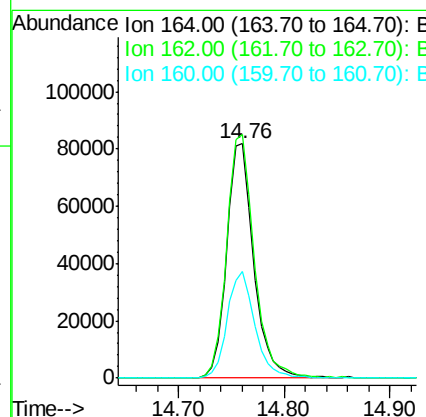
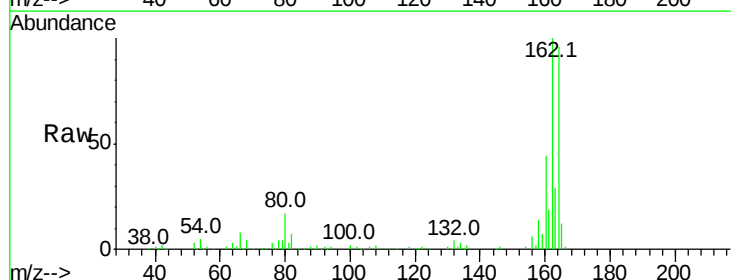
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	293987
Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	49.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BG031188.D
 Acq: 22 Nov 2017 14:17

Tgt Ion	164	Resp	145550
Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	45.4	35.4	53.0

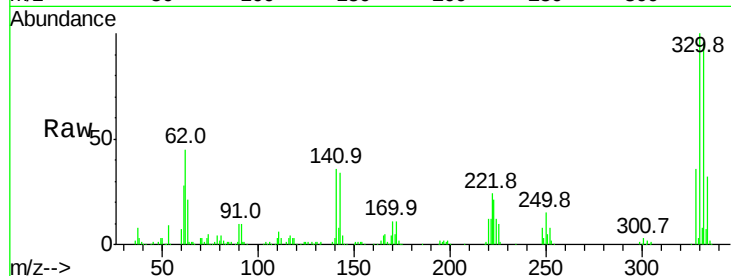




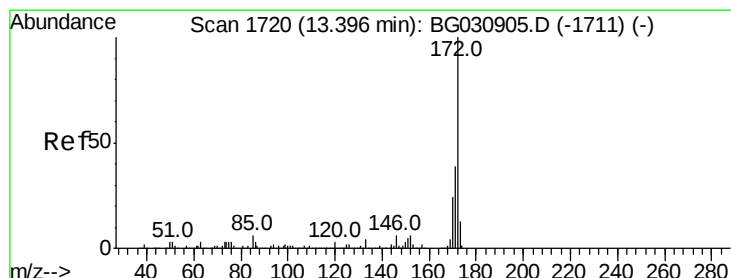
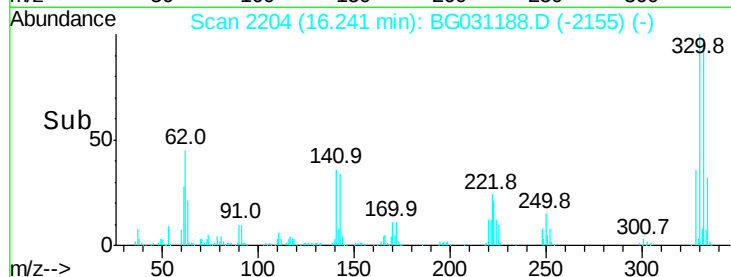
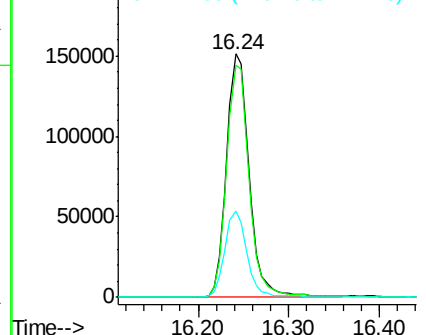
#41
 2,4,6-Tribromophenol
 Concen: 112.154 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG031188.D
 Acq: 22 Nov 2017 14:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.5	25.2	37.8

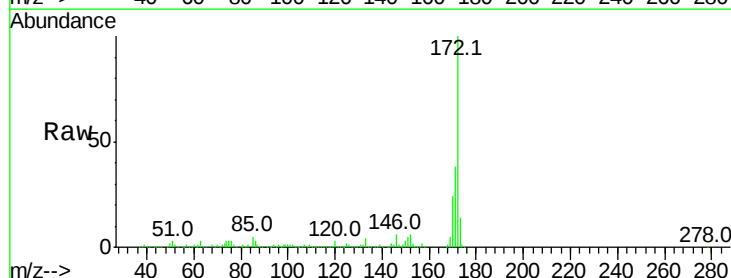


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

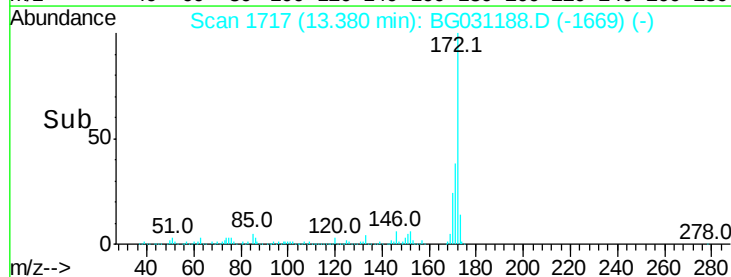
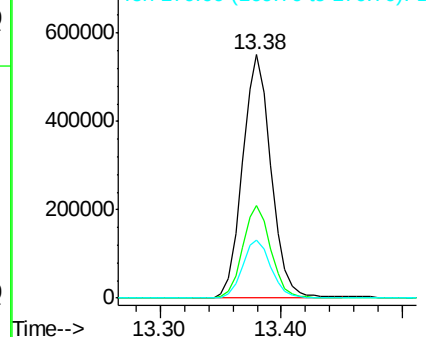


#44
 2-Fluorobiphenyl
 Concen: 89.666 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031188.D
 Acq: 22 Nov 2017 14:17

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. -0.01 min

Lab File: BG031188.D

Acq: 22 Nov 2017 14:17

Instrument :

BNA_G

ClientSampleId :

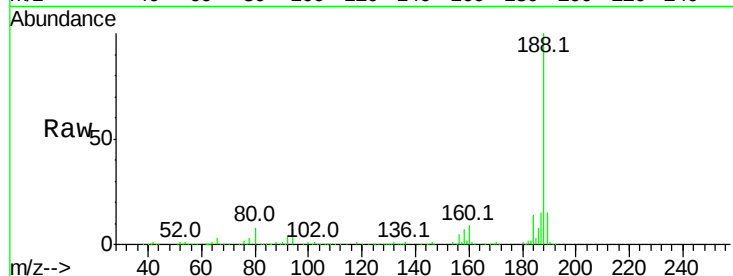
Tot Ion:188 Resp: 395647

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

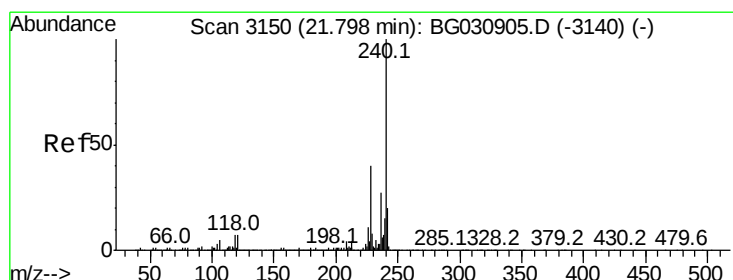
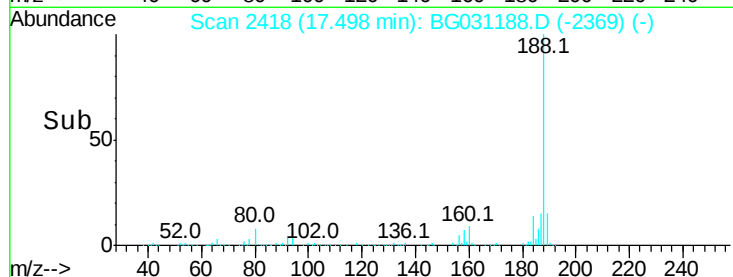
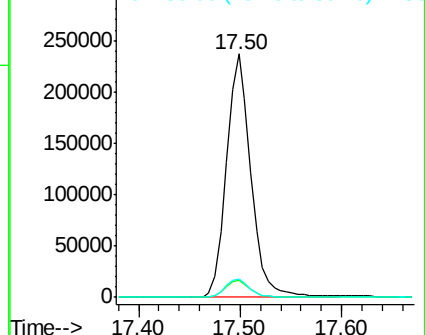
80 7.6 7.7 11.5#



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. -0.01 min

Lab File: BG031188.D

Acq: 22 Nov 2017 14:17

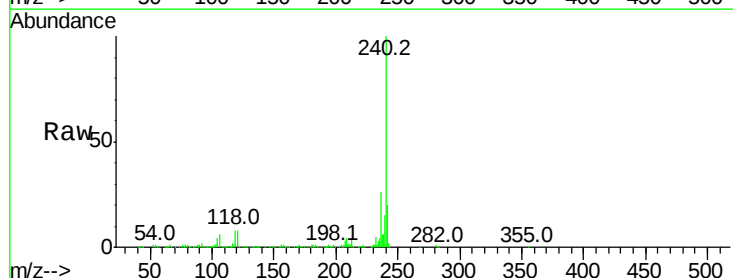
Tgt Ion:240 Resp: 469251

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

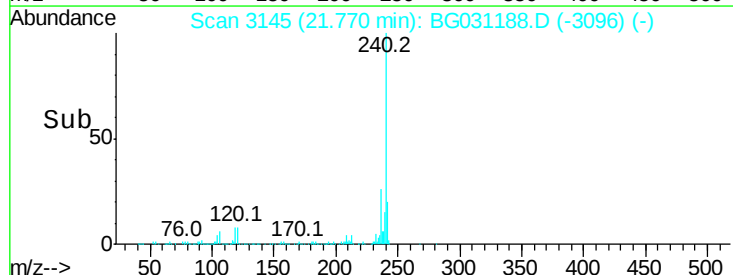
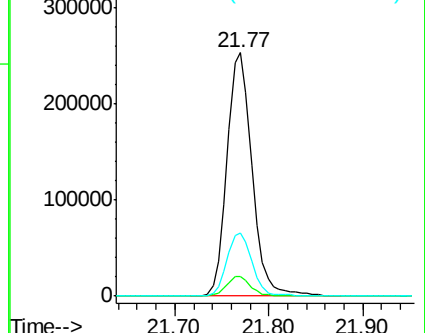
236 25.9 20.9 31.3



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: 83.631 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031188.D

Acq: 22 Nov 2017 14:17

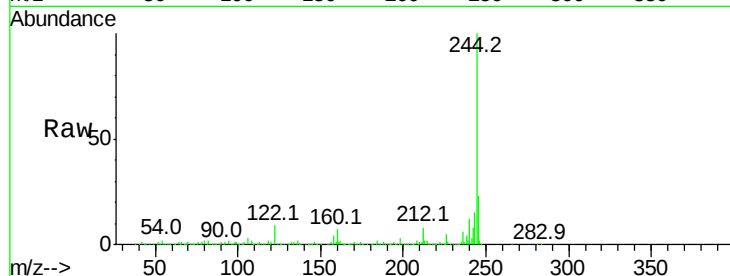
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1777287

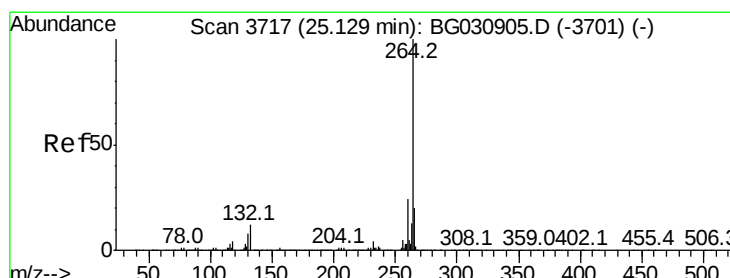
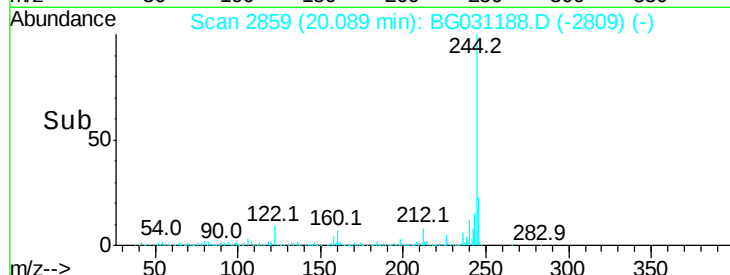
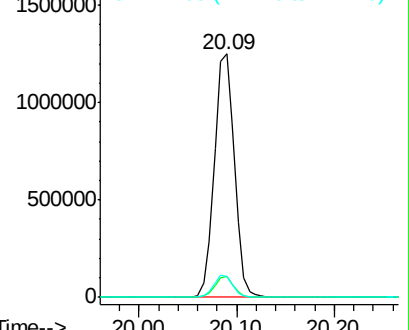
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	8.5	7.0	10.4



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

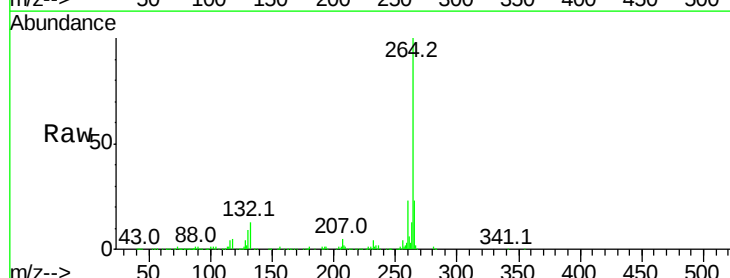
Delta R.T. -0.03 min

Lab File: BG031188.D

Acq: 22 Nov 2017 14:17

Tgt Ion:264 Resp: 444960

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	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

