

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031176.D
 Acq On : 22 Nov 2017 6:36
 Operator : SJ/JU
 Sample : I6539-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 07:14:17 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	57011	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	242493	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	163790	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	426233	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	521182	20.00	ng	-0.02
86) Perylene-d12	25.07	264	503178	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	150942	45.40	ng	-0.01
7) Phenol-d6	7.31	99	121345	27.09	ng	0.00
23) Nitrobenzene-d5	9.30	82	388138	94.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	215047	81.16	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1137050	99.75	ng	-0.02
78) Terphenyl-d14	20.09	244	1953221	82.75	ng	-0.01

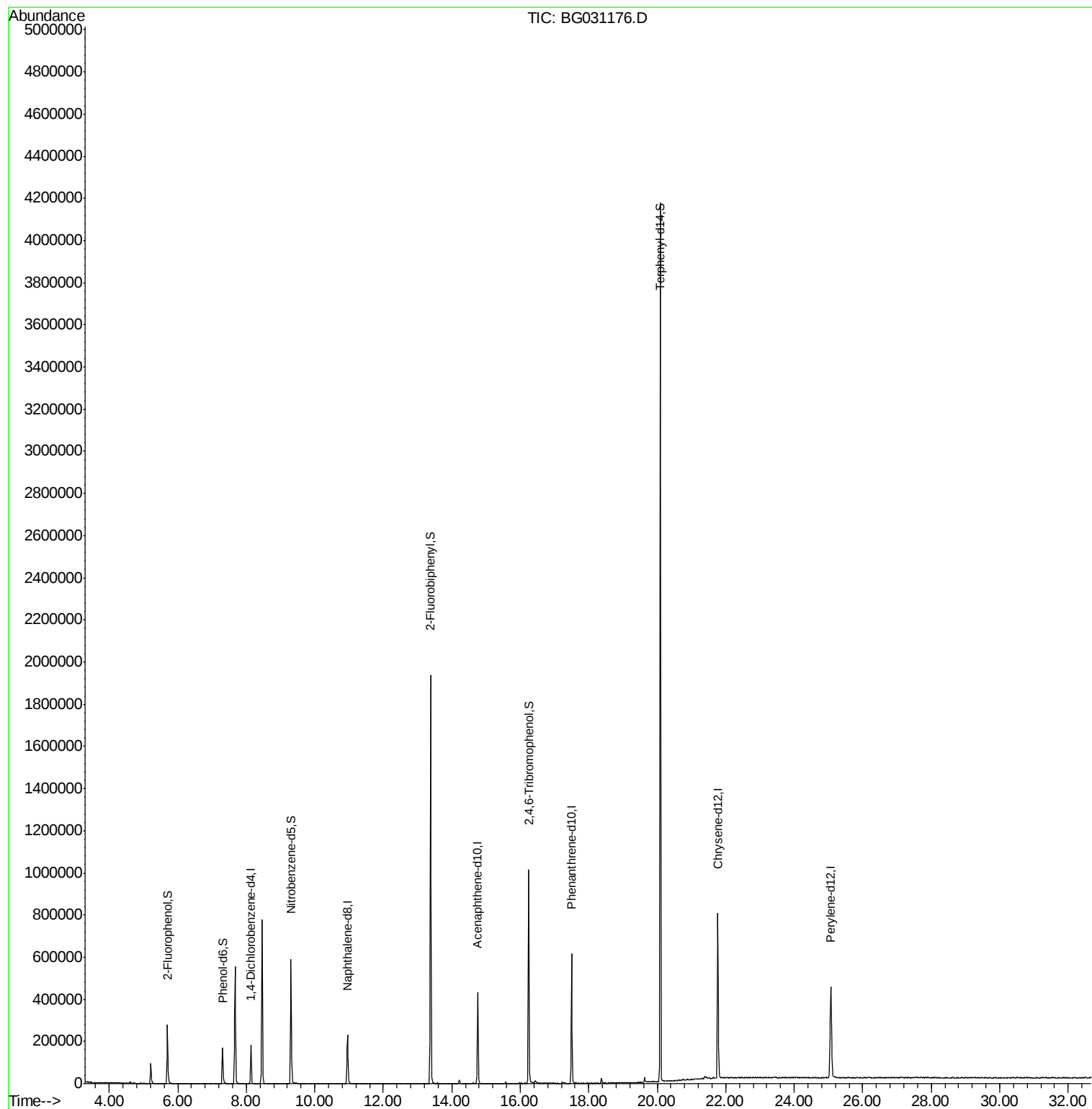
Target Compounds Qvalue

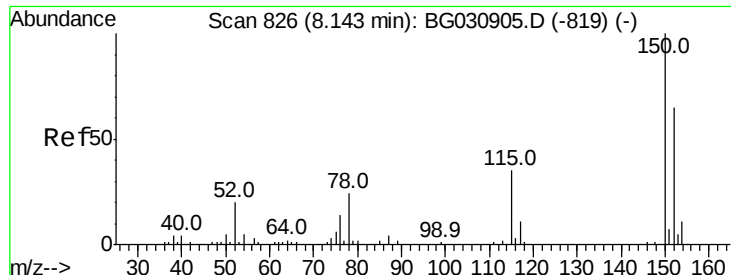
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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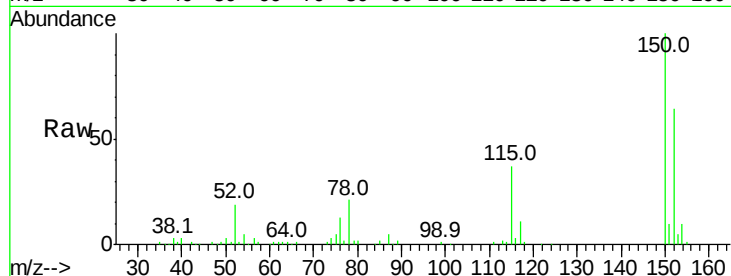


#1

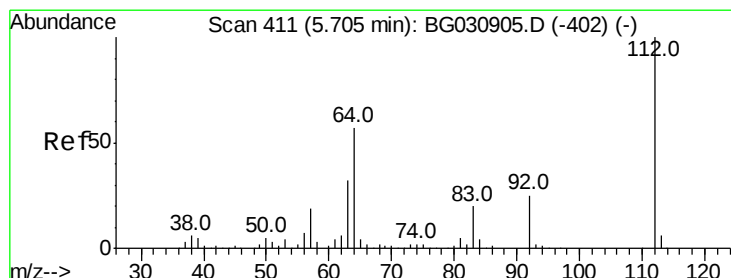
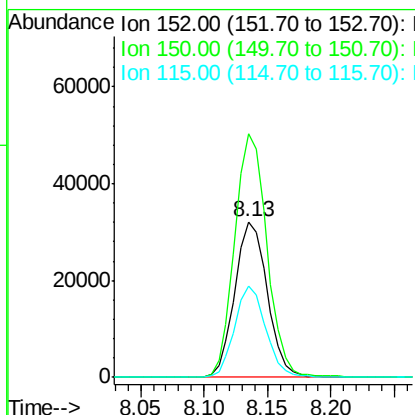
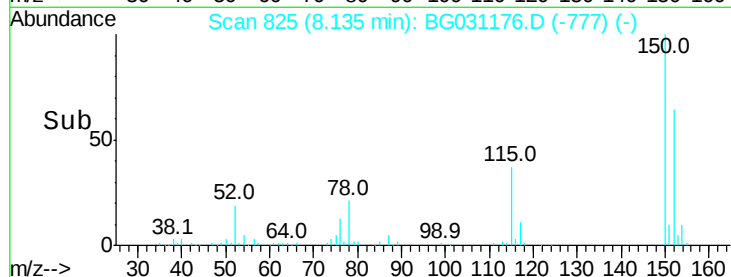
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031176.D
Acq: 22 Nov 2017 6:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57011
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 58.7 53.0 79.4



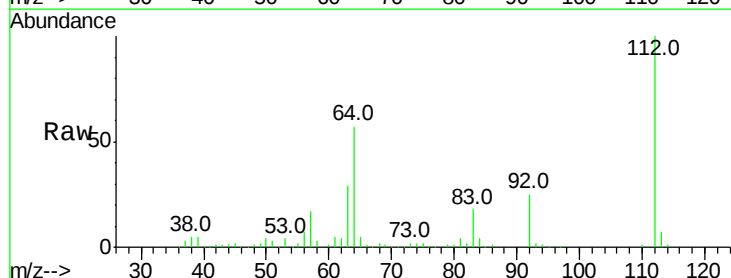
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



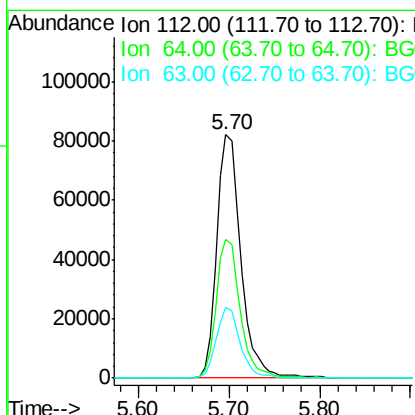
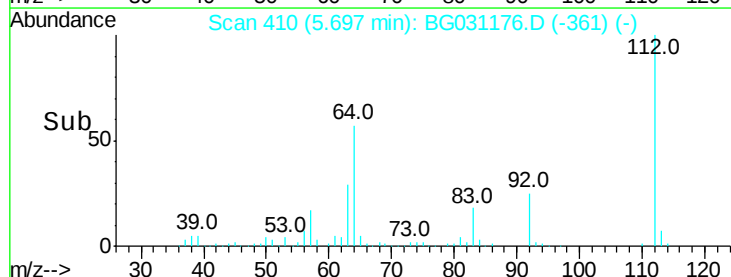
#5

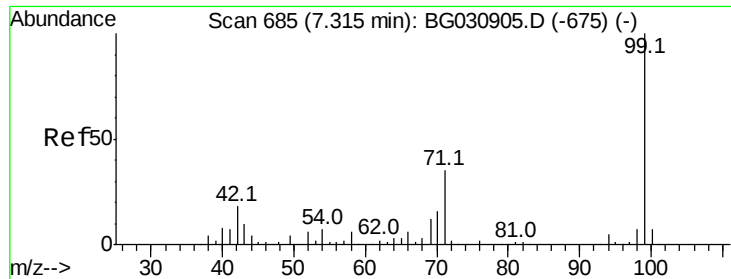
2-Fluorophenol
Concen: 45.400 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031176.D
Acq: 22 Nov 2017 6:36

Tgt Ion:112 Resp: 150942
Ion Ratio Lower Upper
112 100
64 56.9 56.3 84.5
63 29.1 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: 27.091 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031176.D

Acq: 22 Nov 2017 6:36

Instrument :

BNA_G

ClientSampleId :

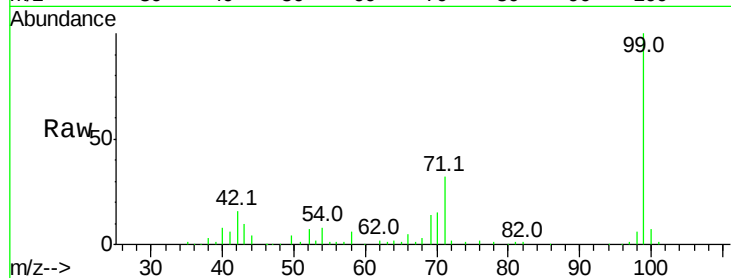
Tot Ion: 99 Resp: 121345

Ion Ratio Lower Upper

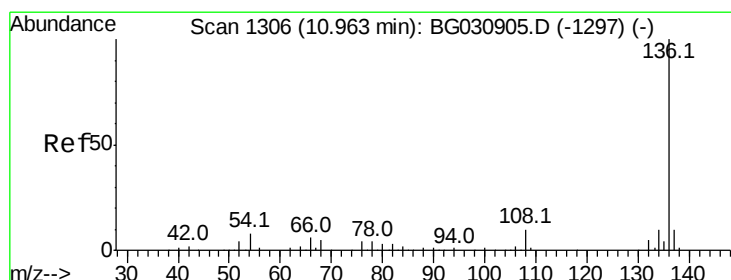
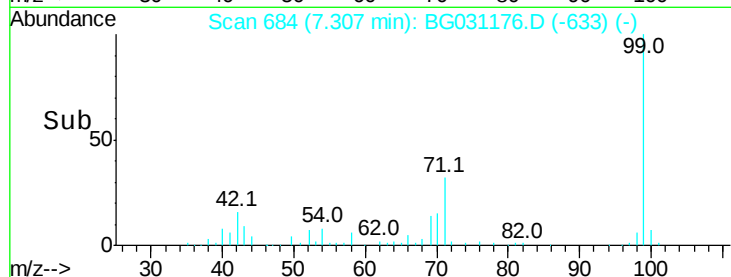
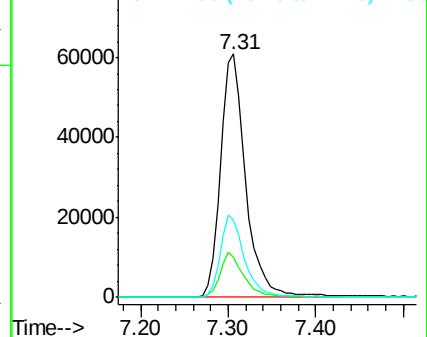
99 100

42 16.2 14.1 21.1

71 31.9 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031176.D

Acq: 22 Nov 2017 6:36

Tgt Ion: 136 Resp: 242493

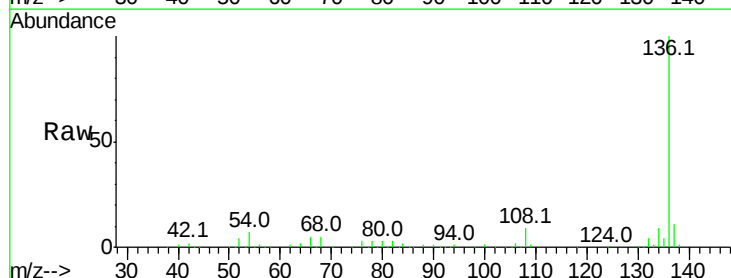
Ion Ratio Lower Upper

136 100

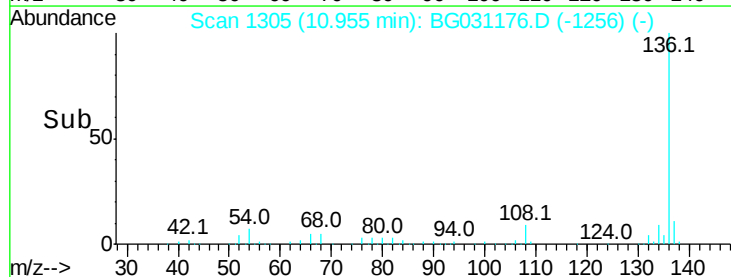
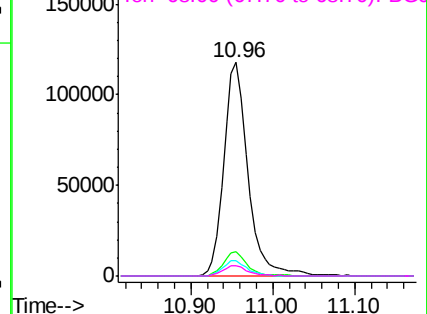
137 11.1 9.2 13.8

54 7.5 10.3 15.5#

68 5.1 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

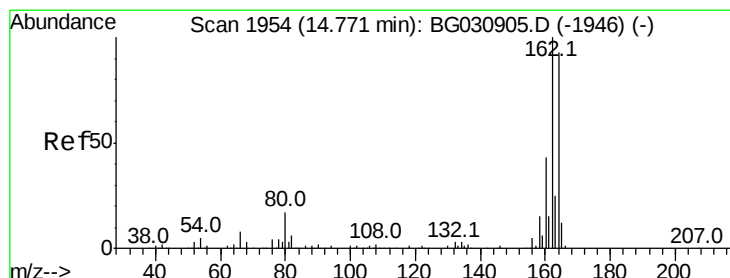
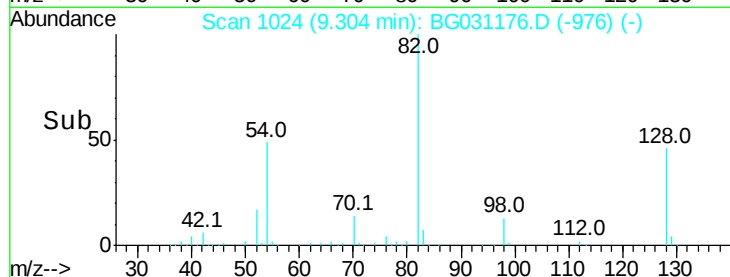
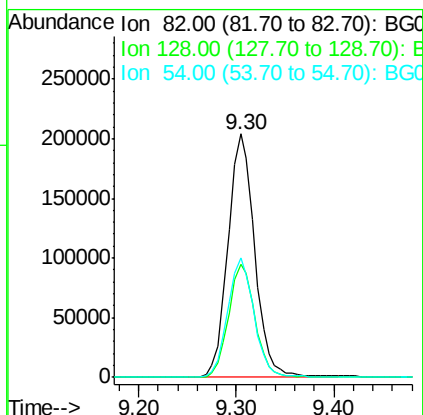
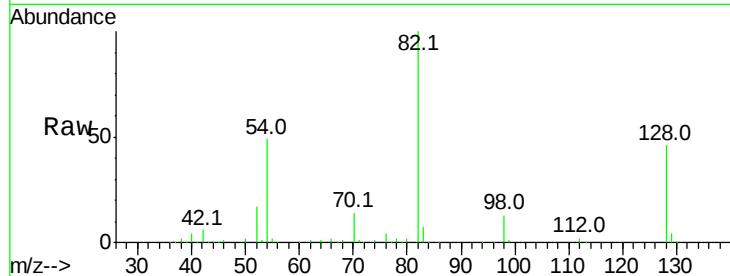




#23
 Nitrobenzene-d5
 Concen: 94.846 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031176.D
 Acq: 22 Nov 2017 6:36

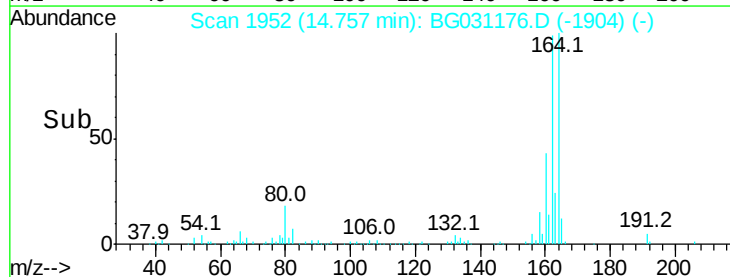
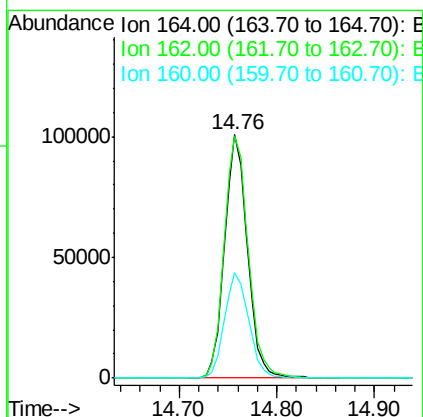
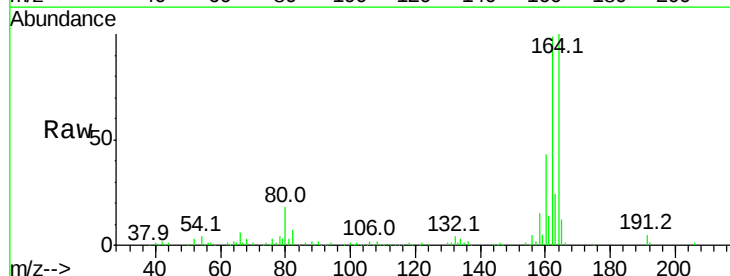
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 388138
 Ion Ratio Lower Upper
 82 100
 128 46.3 29.7 44.5#
 54 48.9 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: BG031176.D
 Acq: 22 Nov 2017 6:36

Tgt Ion: 164 Resp: 163790
 Ion Ratio Lower Upper
 164 100
 162 99.3 78.8 118.2
 160 43.3 35.4 53.0

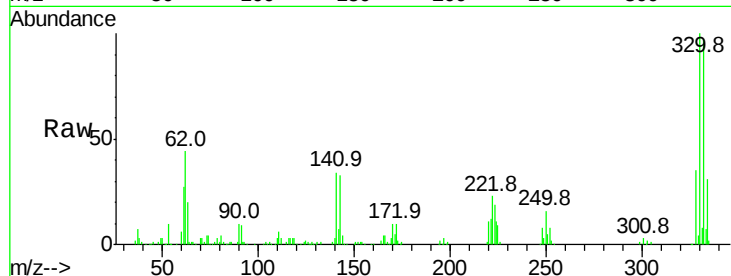




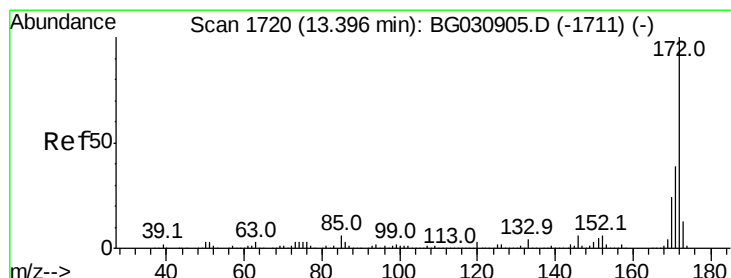
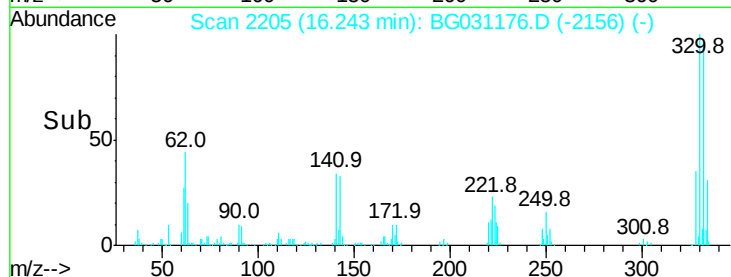
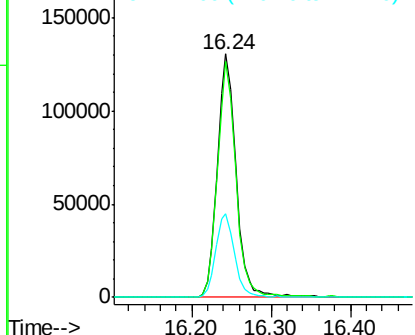
#41
 2,4,6-Tribromophenol
 Concen: 81.162 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031176.D
 Acq: 22 Nov 2017 6:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	34.6	25.2	37.8

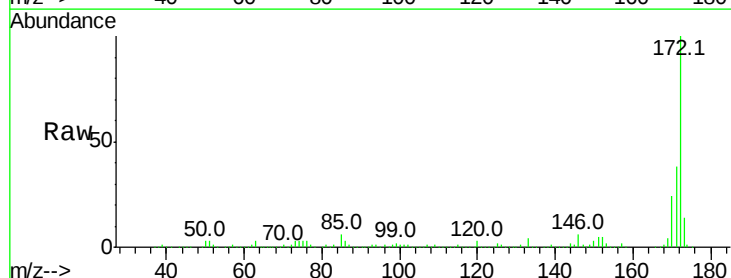


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

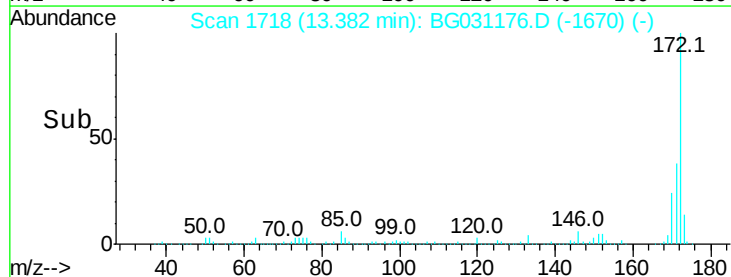
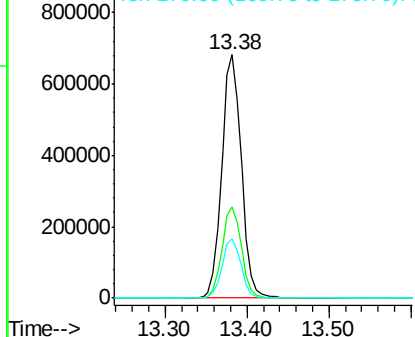


#44
 2-Fluorobiphenyl
 Concen: 99.751 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031176.D
 Acq: 22 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	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: 17.49 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG031176.D

Acq: 22 Nov 2017 6:36

Instrument :

BNA_G

ClientSampleId :

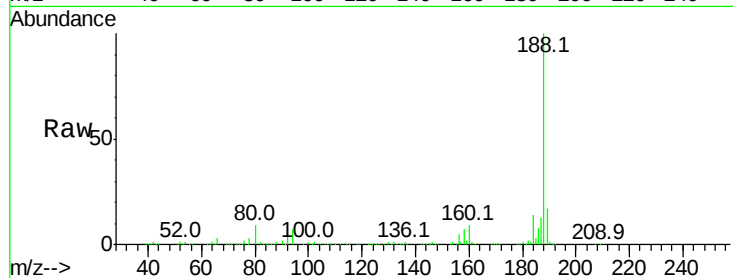
Tot Ion:188 Resp: 426233

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3#

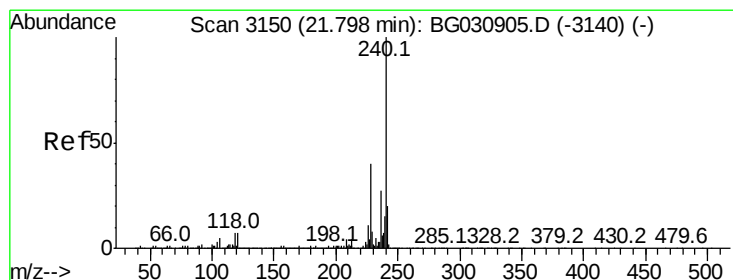
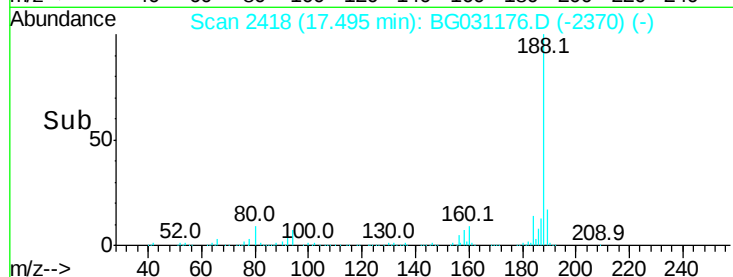
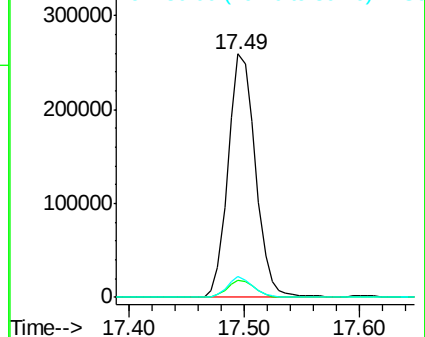
80 8.7 7.7 11.5



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: BG031176.D

Acq: 22 Nov 2017 6:36

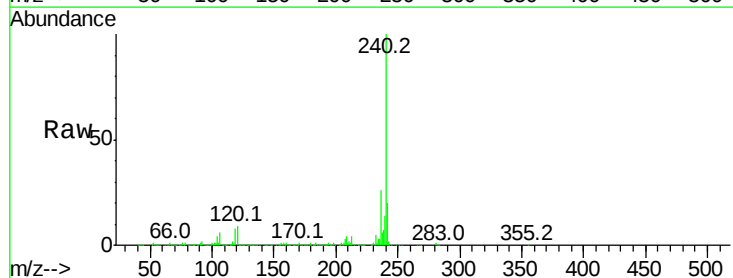
Tgt Ion:240 Resp: 521182

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

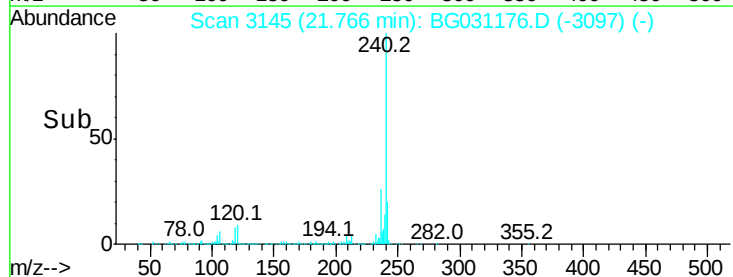
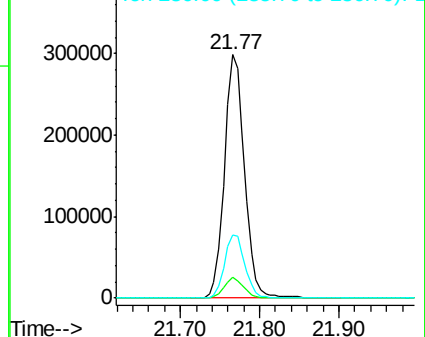
236 25.8 20.9 31.3



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: 82.752 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031176.D

Acq: 22 Nov 2017 6:36

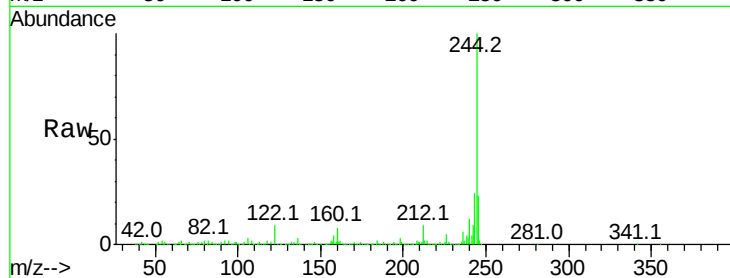
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1953221

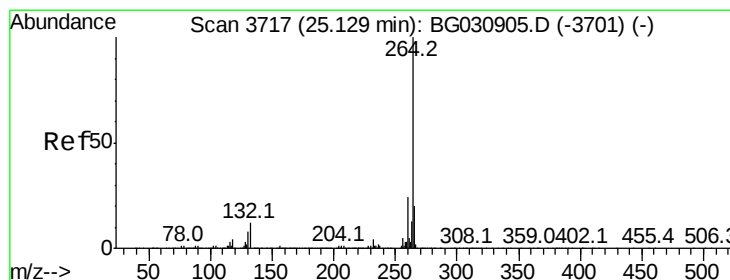
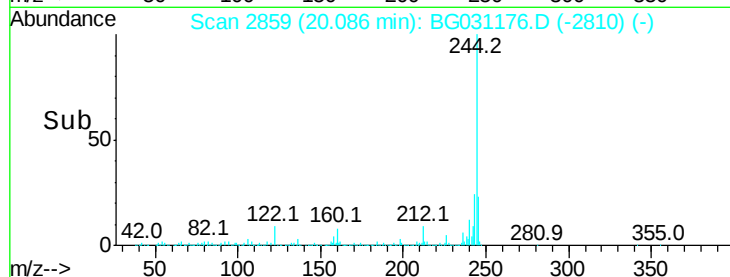
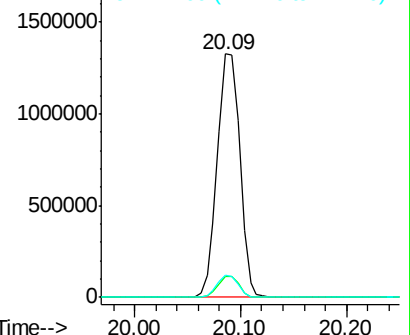
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.3	7.0	10.4



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

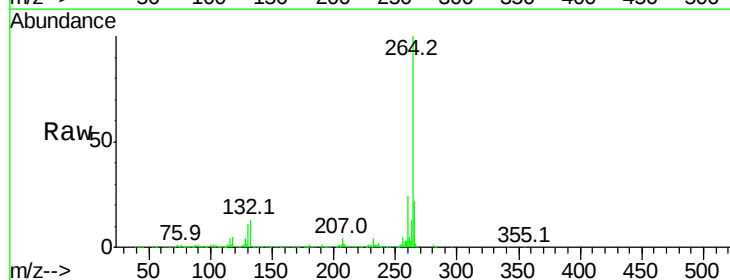
Delta R.T. -0.02 min

Lab File: BG031176.D

Acq: 22 Nov 2017 6:36

Tgt Ion:264 Resp: 503178

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.1	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

