

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031160.D
 Acq On : 21 Nov 2017 19:50
 Operator : SJ/JU
 Sample : I6501-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 00:32:56 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	53350	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	237231	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	157811	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	422240	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	526628	20.00	ng	0.00
86) Perylene-d12	25.10	264	498577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	226750	72.88	ng	-0.01
7) Phenol-d6	7.30	99	190571	45.47	ng	0.00
23) Nitrobenzene-d5	9.30	82	356142	88.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	293293	114.89	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1050820	95.68	ng	-0.02
78) Terphenyl-d14	20.10	244	1983977	83.19	ng	0.00

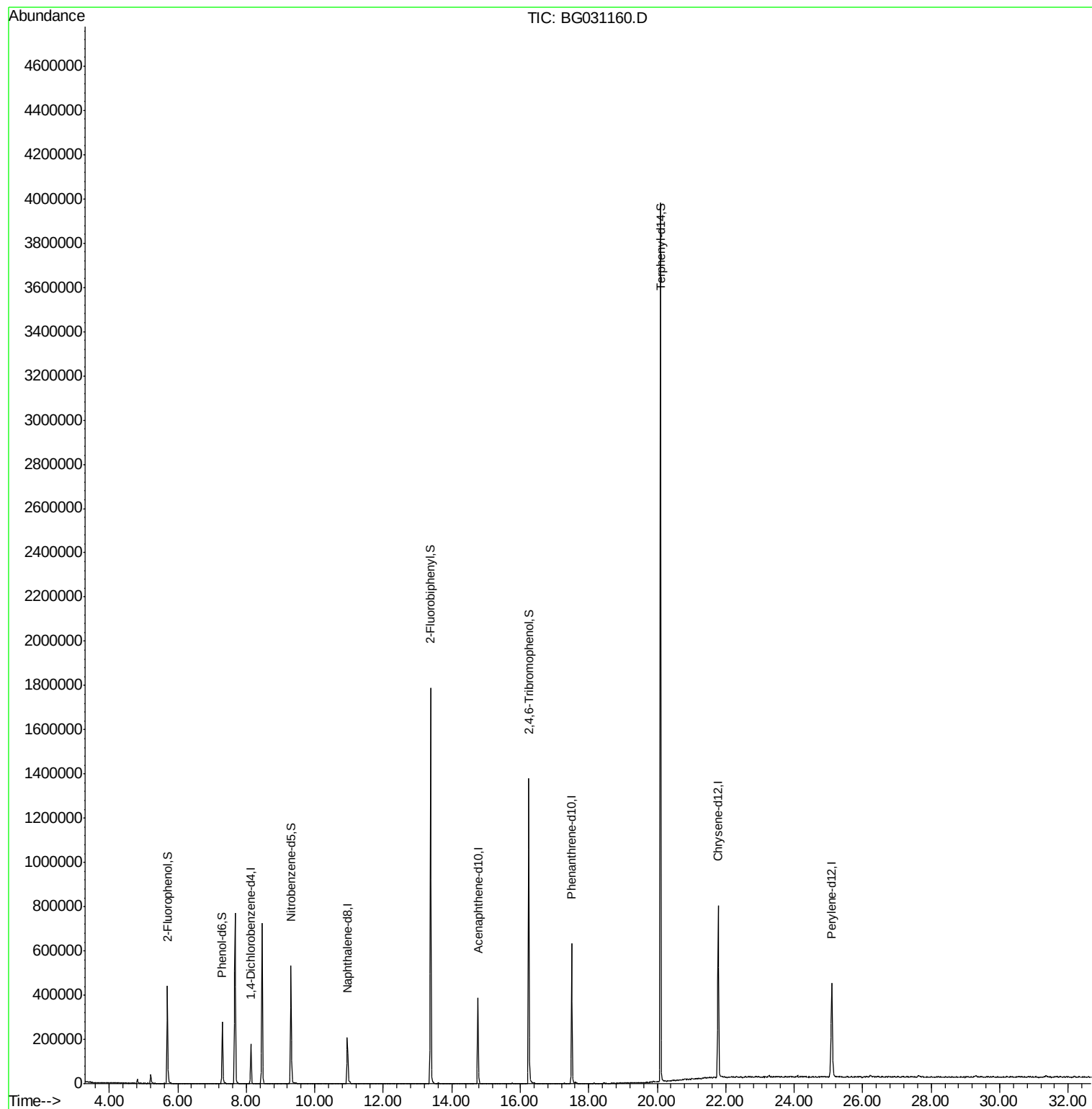
Target Compounds Qvalue

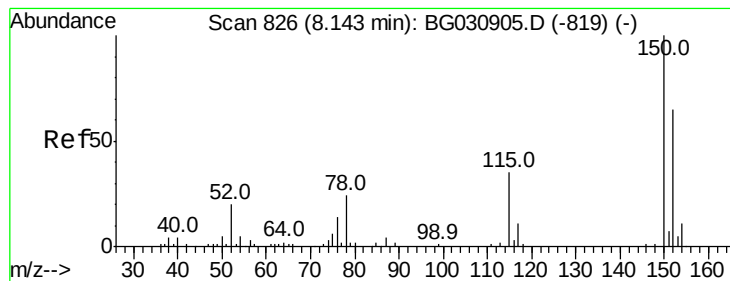
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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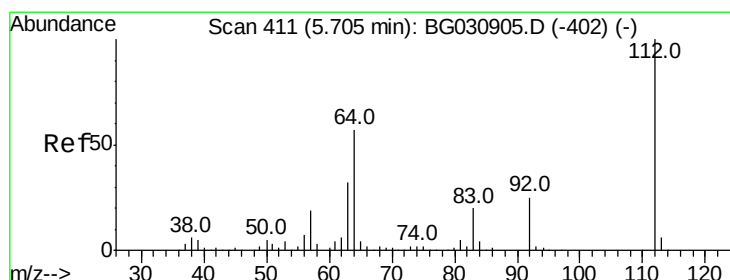
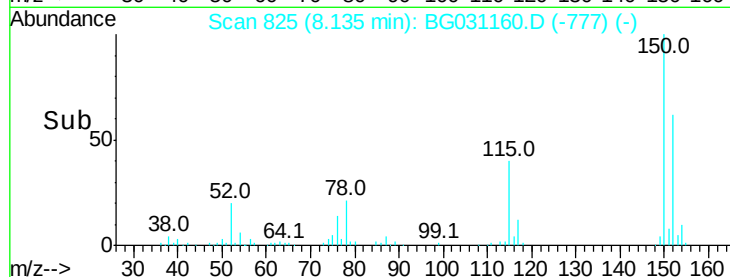
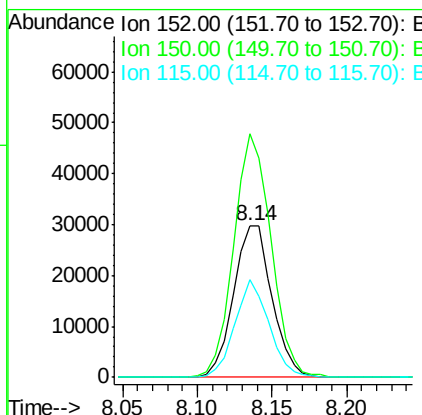
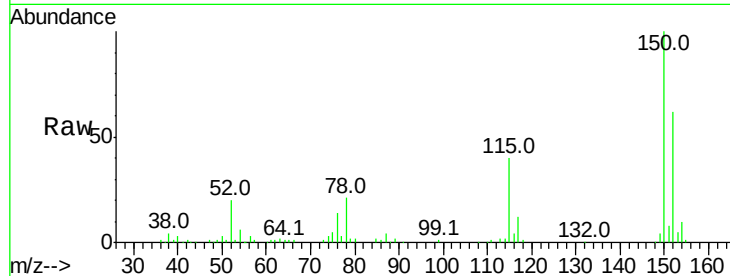


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031160.D
 Acq: 21 Nov 2017 19:50

Instrument :
 BNA_G
 ClientSampleId :

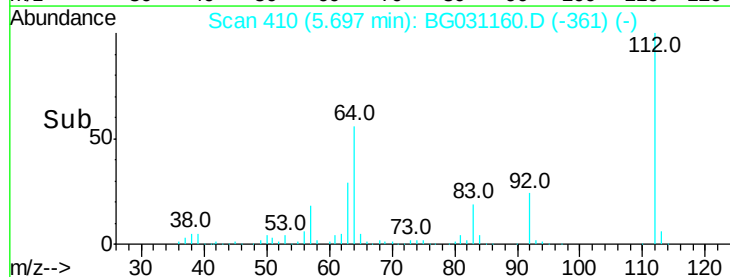
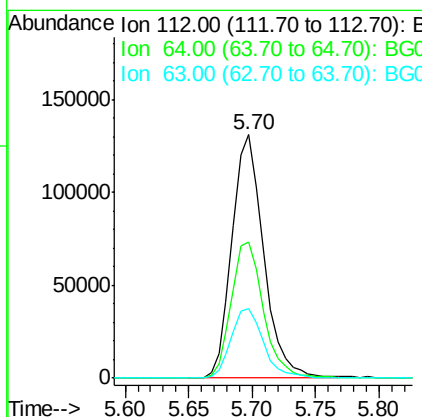
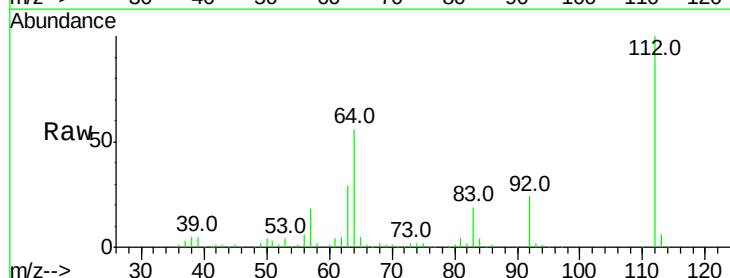
Tot Ion:152 Resp: 53350
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.6 189.8
 115 64.5 53.0 79.4

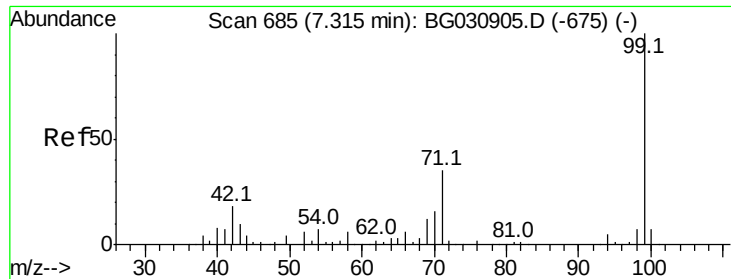


#5

2-Fluorophenol
 Concen: 72.881 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031160.D
 Acq: 21 Nov 2017 19:50

Tgt Ion:112 Resp: 226750
 Ion Ratio Lower Upper
 112 100
 64 55.9 56.3 84.5#
 63 28.6 30.1 45.1#





#7

Phenol-d6

Concen: 45.466 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031160.D

Acq: 21 Nov 2017 19:50

Instrument :

BNA_G

ClientSampleId :

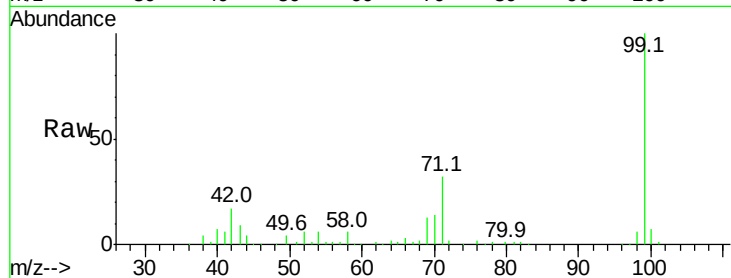
Tot Ion: 99 Resp: 190571

Ion Ratio Lower Upper

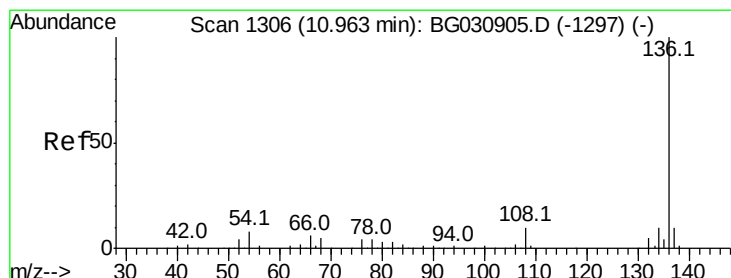
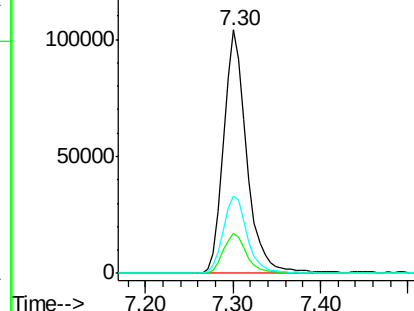
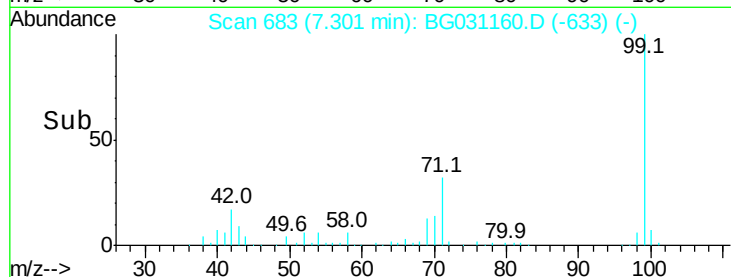
99 100

42 16.5 14.1 21.1

71 31.8 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: BG031160.D

Acq: 21 Nov 2017 19:50

Tgt Ion: 136 Resp: 237231

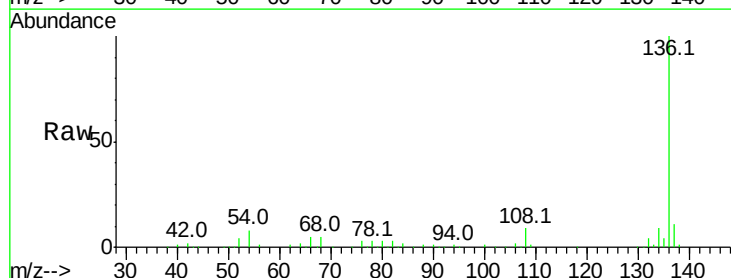
Ion Ratio Lower Upper

136 100

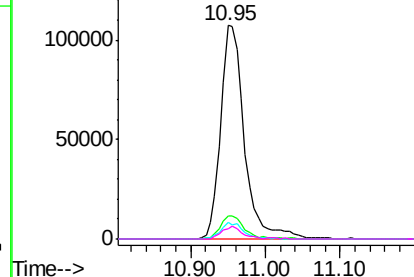
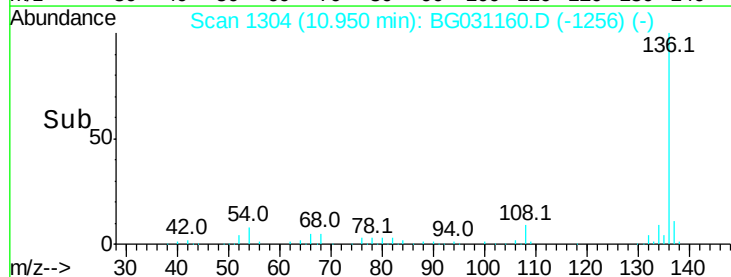
137 10.9 9.2 13.8

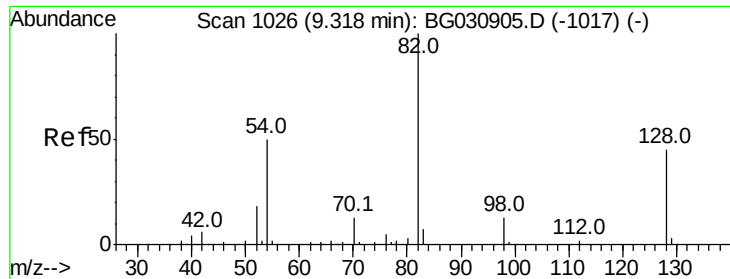
54 7.6 10.3 15.5#

68 4.9 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

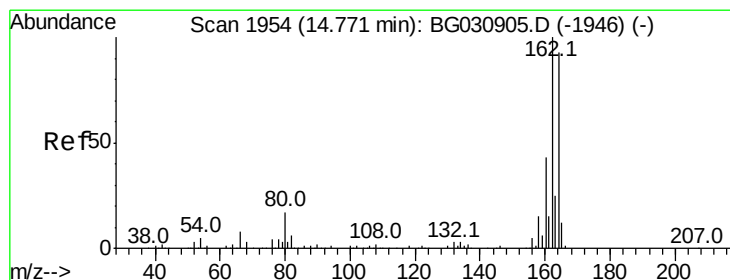
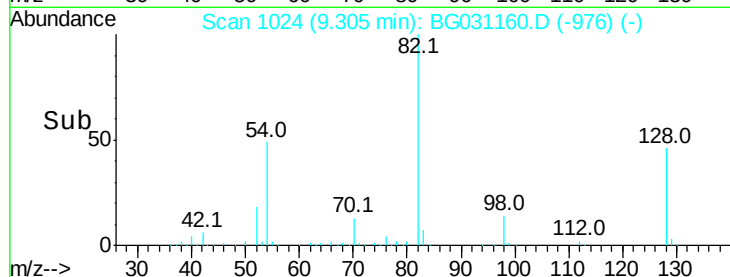
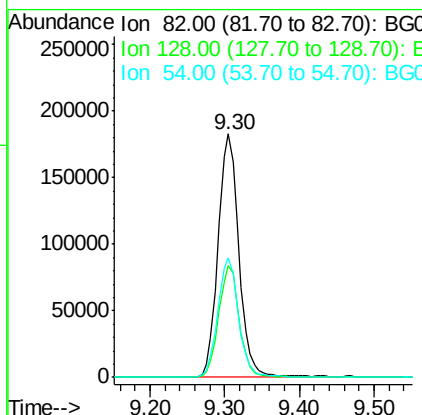
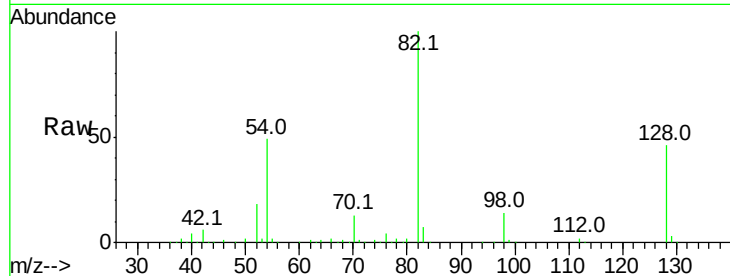




#23
 Nitrobenzene-d5
 Concen: 88.958 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031160.D
 Acq: 21 Nov 2017 19:50

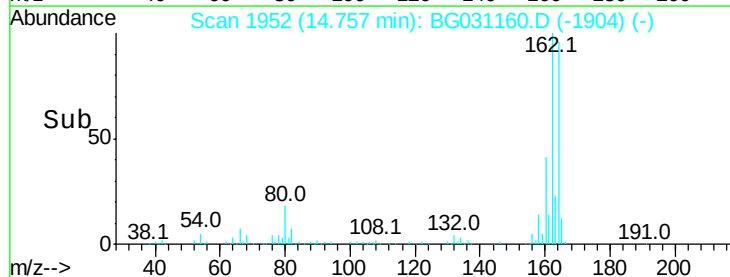
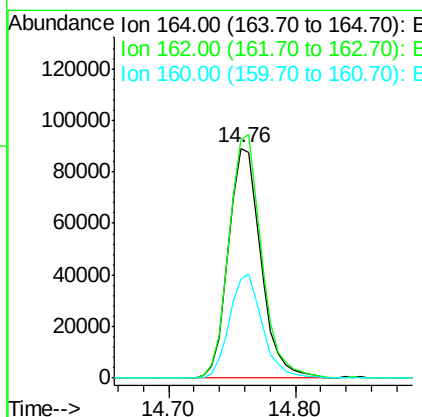
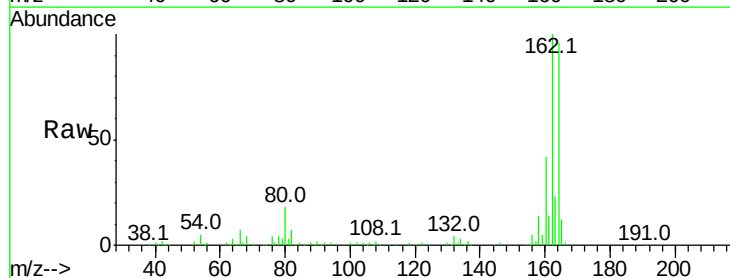
Instrument :
 BNA_G
 ClientSampled :

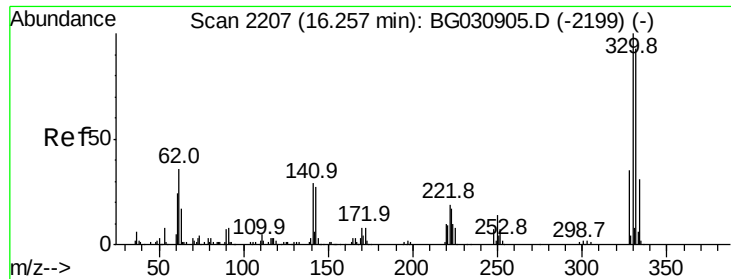
Tot Ion: 82 Resp: 356142
 Ion Ratio Lower Upper
 82 100
 128 46.1 29.7 44.5#
 54 49.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031160.D
 Acq: 21 Nov 2017 19:50

Tgt Ion:164 Resp: 157811
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 43.3 35.4 53.0

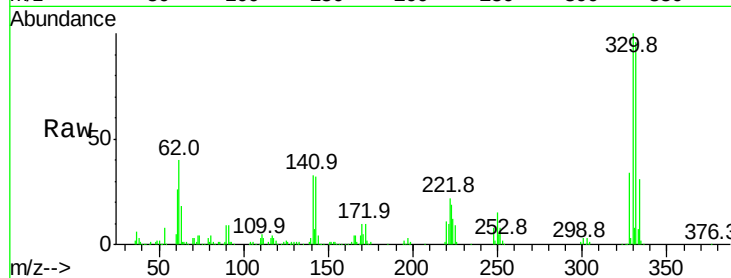




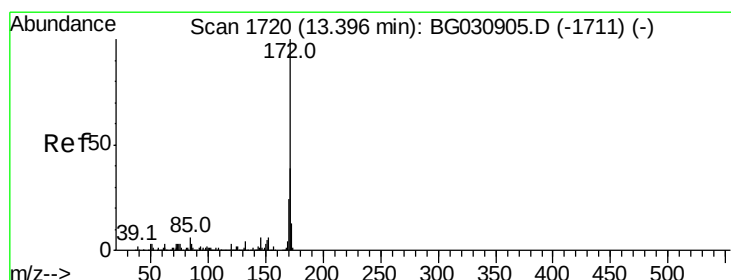
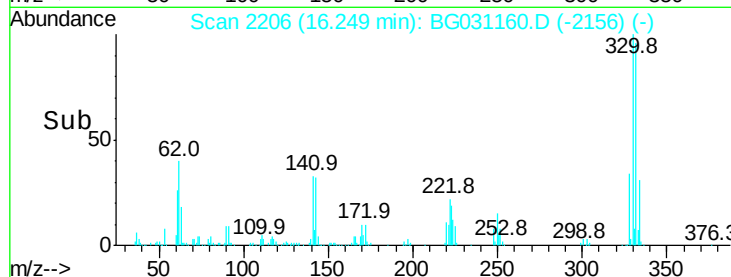
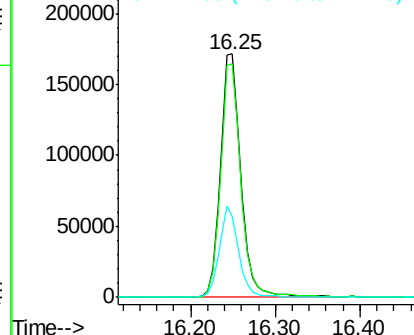
#41
 2,4,6-Tribromophenol
 Concen: 114.888 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG031160.D
 Acq: 21 Nov 2017 19:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	35.3	25.2	37.8

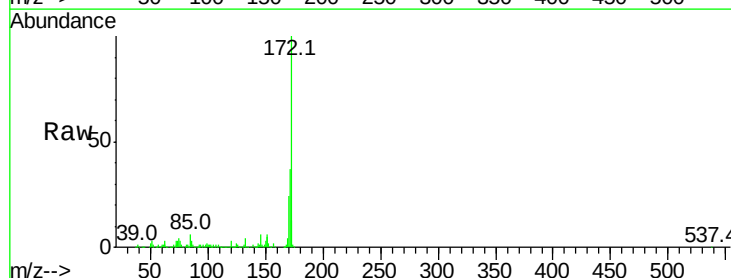


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

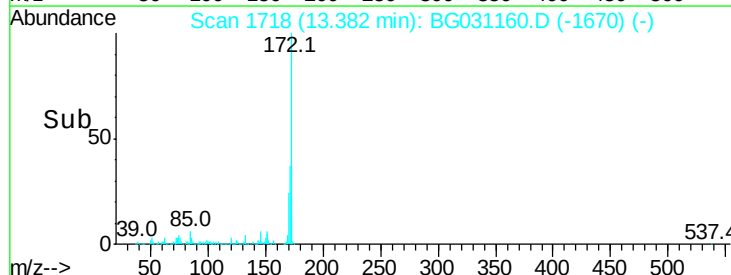
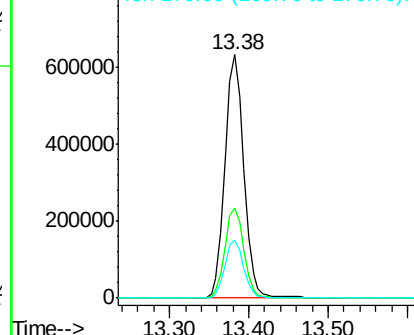


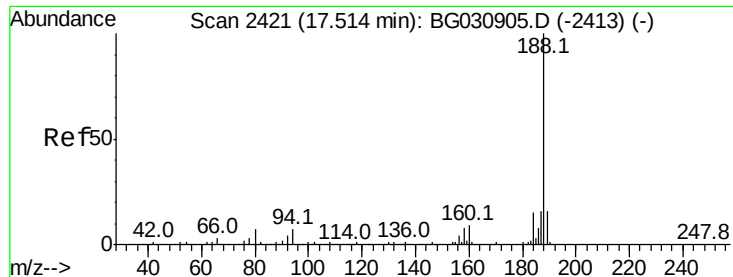
#44
 2-Fluorobiphenyl
 Concen: 95.679 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031160.D
 Acq: 21 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.6	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

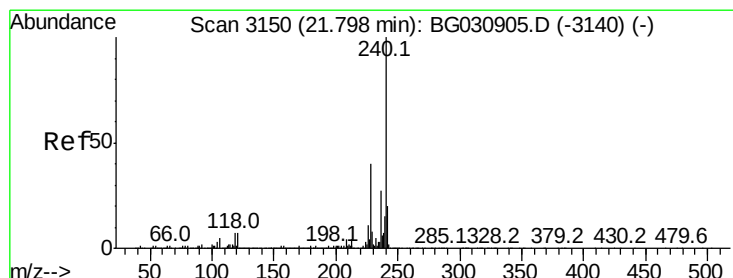
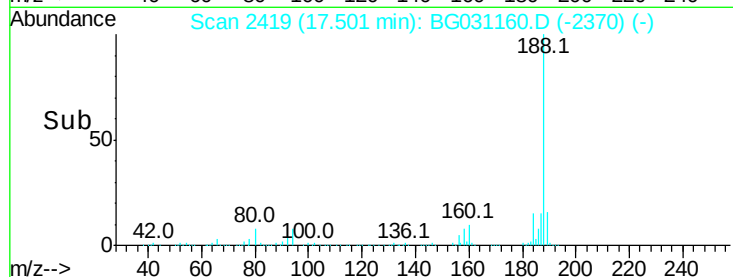
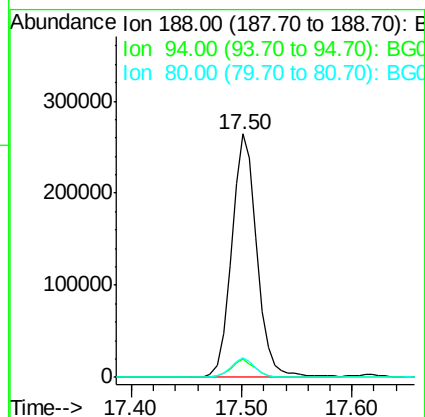
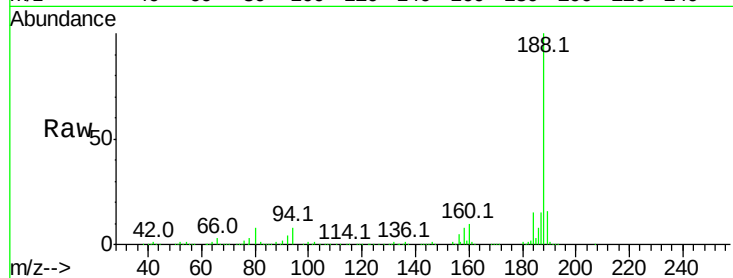




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG031160.D
 Acq: 21 Nov 2017 19:50

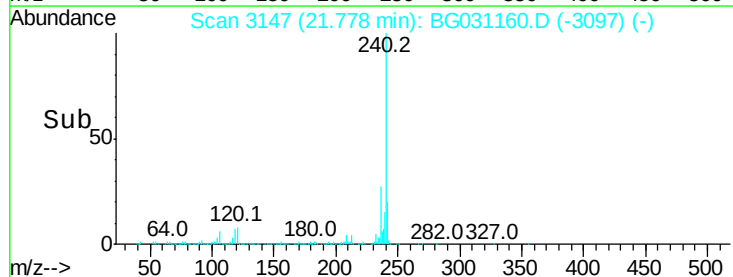
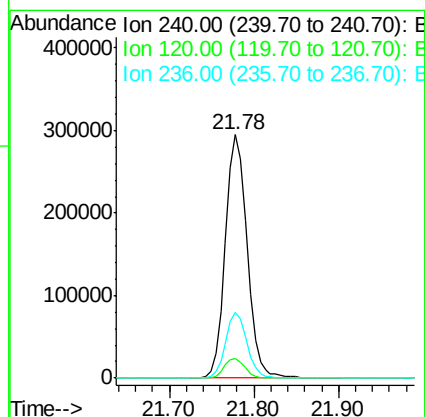
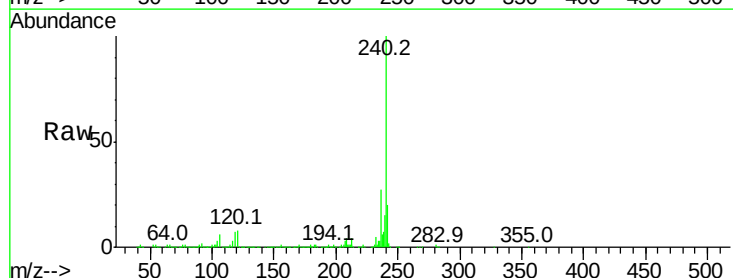
Instrument :
 BNA_G
 ClientSampleId :

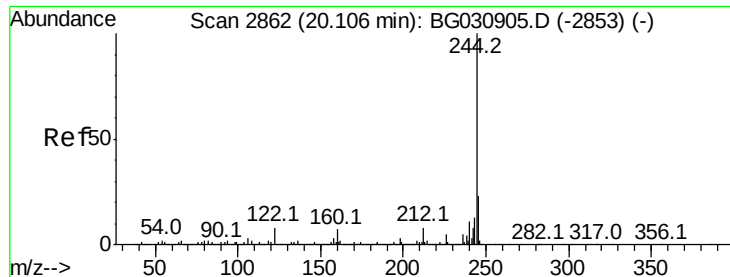
Tot Ion:188 Resp: 422240
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.9 10.3
 80 8.2 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG031160.D
 Acq: 21 Nov 2017 19:50

Tgt Ion:240 Resp: 526628
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.8 10.2
 236 27.1 20.9 31.3





#78

Terphenyl-d14

Concen: 83.186 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG031160.D

Acq: 21 Nov 2017 19:50

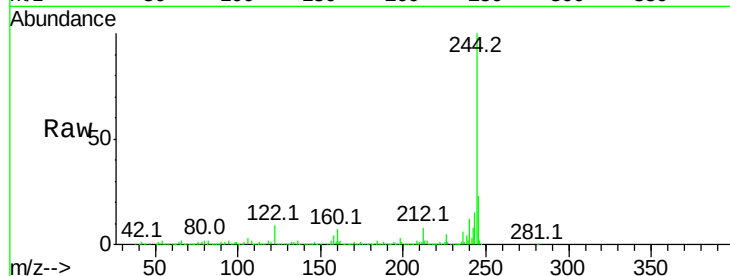
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1983977

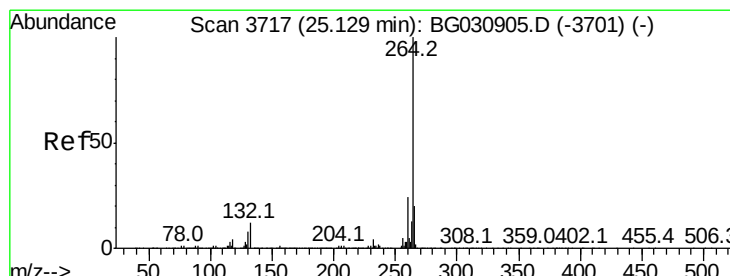
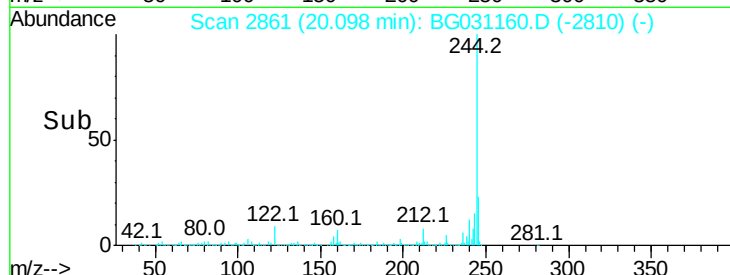
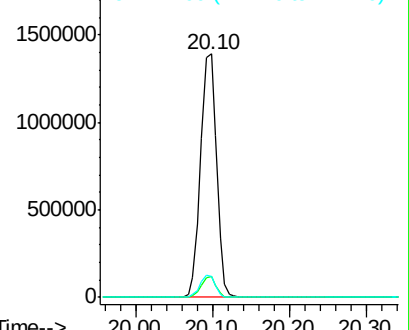
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	8.7	7.0	10.4



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: 25.10 min Scan# 3712

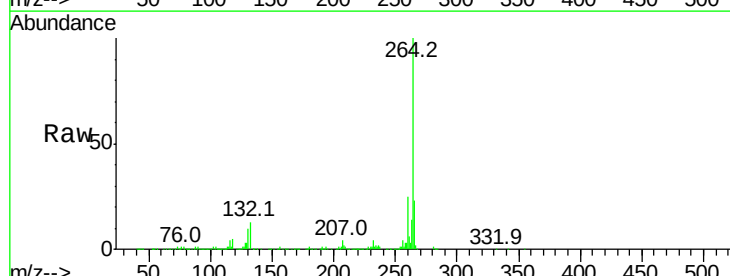
Delta R.T. 0.01 min

Lab File: BG031160.D

Acq: 21 Nov 2017 19:50

Tgt Ion:264 Resp: 498577

Ion	Ratio	Lower	Upper
264	100		
260	25.1	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

