

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031197.D
 Acq On : 22 Nov 2017 19:56
 Operator : SJ/JU
 Sample : I6525-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 23:53:58 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	53131	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	234841	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	155362	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	408407	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	497564	20.00	ng	-0.02
86) Perylene-d12	25.07	264	477784	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	226932	73.24	ng	-0.01
7) Phenol-d6	7.30	99	184223	44.13	ng	0.00
23) Nitrobenzene-d5	9.30	82	364973	92.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	305286	121.47	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1099064	101.65	ng	-0.02
78) Terphenyl-d14	20.09	244	1964039	87.16	ng	-0.01

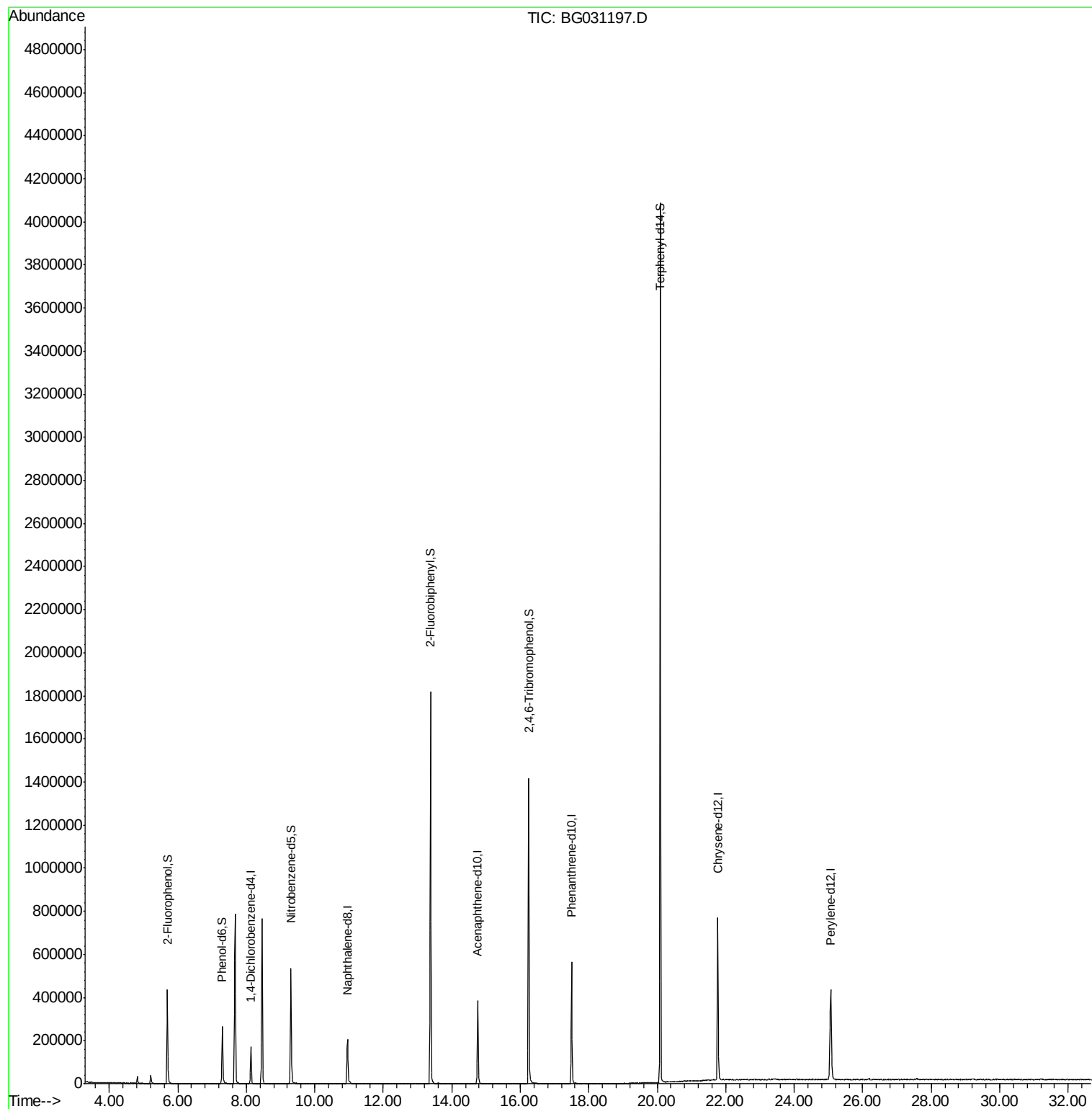
Target Compounds Qvalue

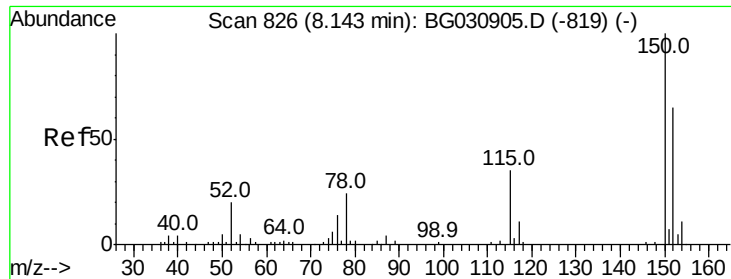
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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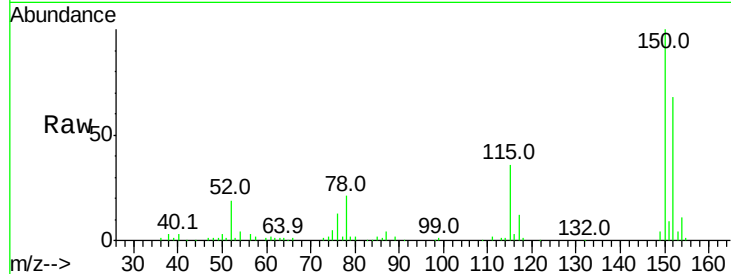


#1

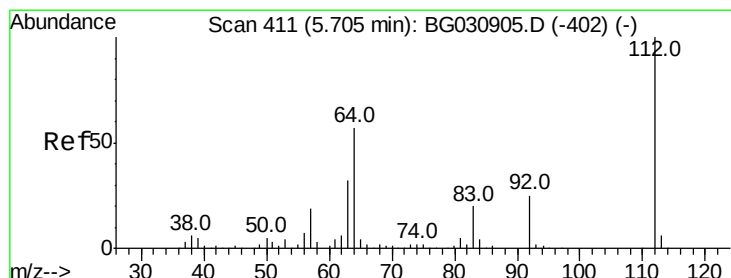
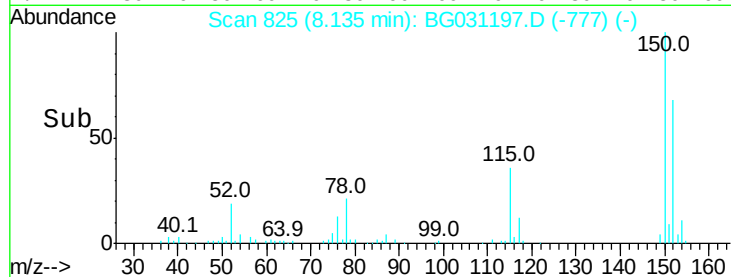
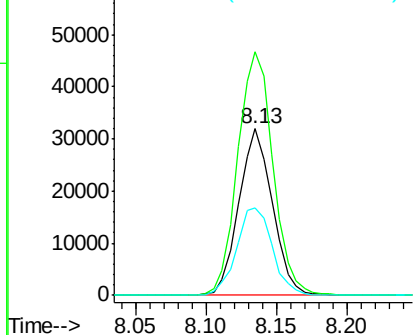
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031197.D
Acq: 22 Nov 2017 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53131
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 52.4 53.0 79.4#



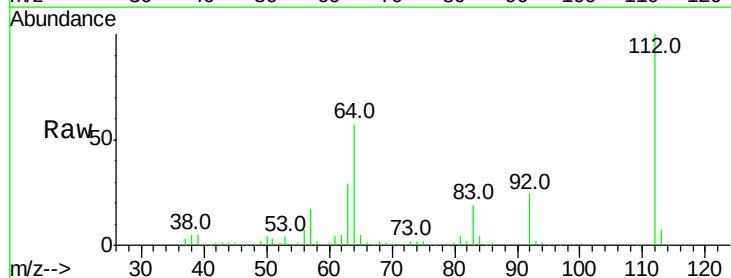
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



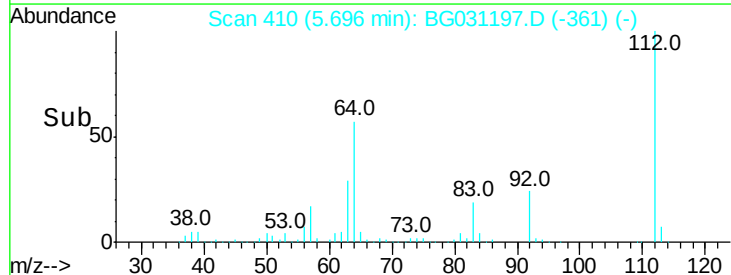
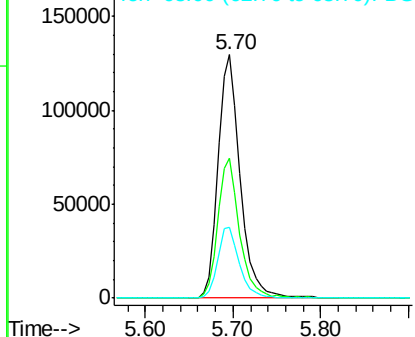
#5

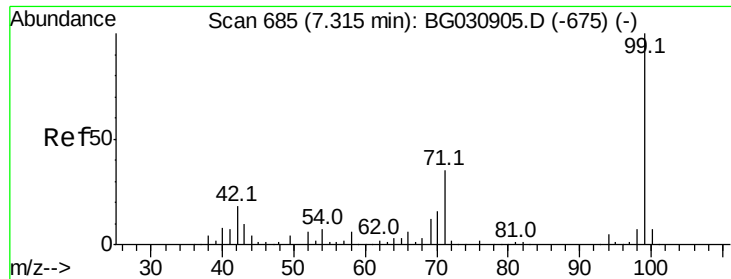
2-Fluorophenol
Concen: 73.240 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031197.D
Acq: 22 Nov 2017 19:56

Tgt Ion:112 Resp: 226932
Ion Ratio Lower Upper
112 100
64 57.3 56.3 84.5
63 29.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.133 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031197.D

Acq: 22 Nov 2017 19:56

Instrument :

BNA_G

ClientSampleId :

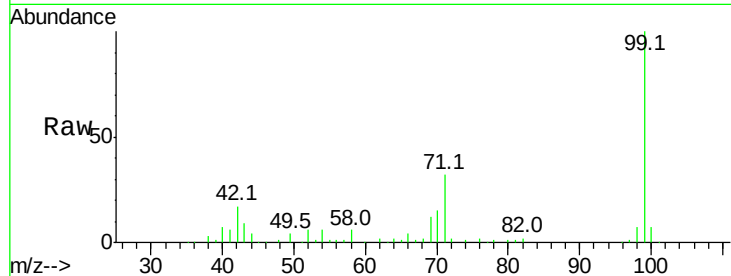
Tot Ion: 99 Resp: 184223

Ion Ratio Lower Upper

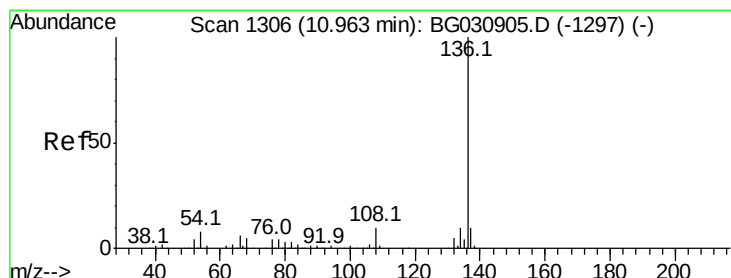
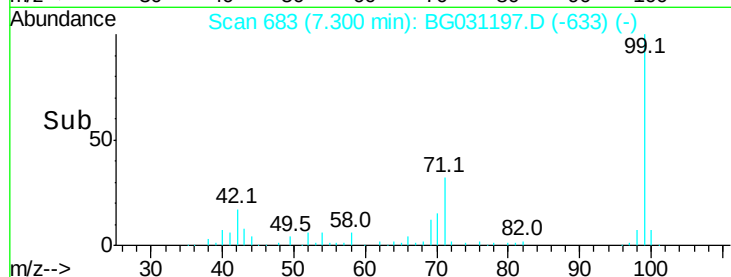
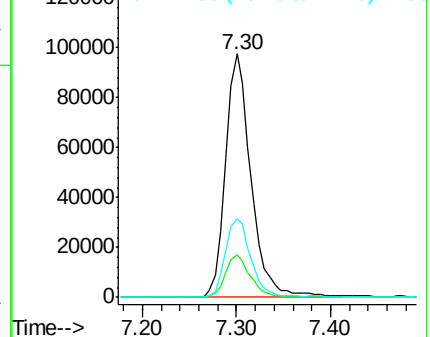
99 100

42 17.4 14.1 21.1

71 32.0 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031197.D

Acq: 22 Nov 2017 19:56

Tgt Ion: 136 Resp: 234841

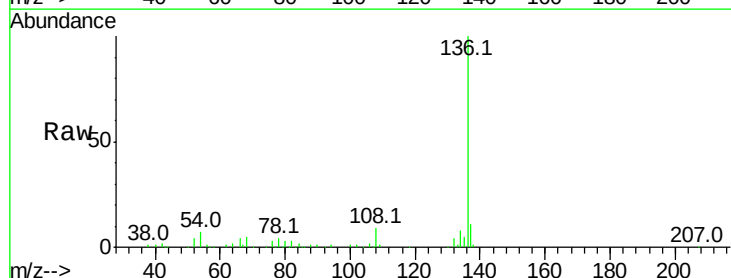
Ion Ratio Lower Upper

136 100

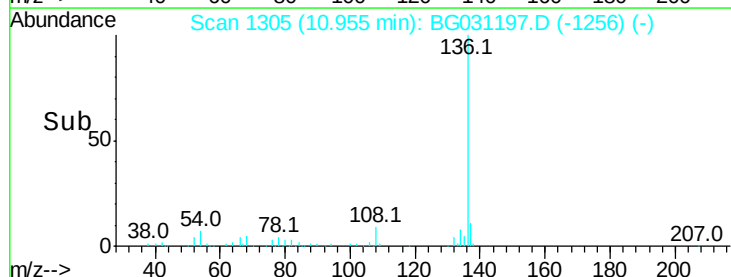
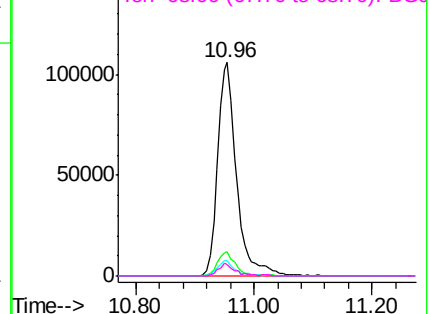
137 11.2 9.2 13.8

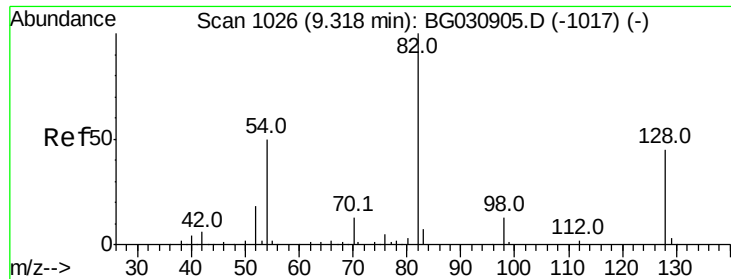
54 7.0 10.3 15.5#

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

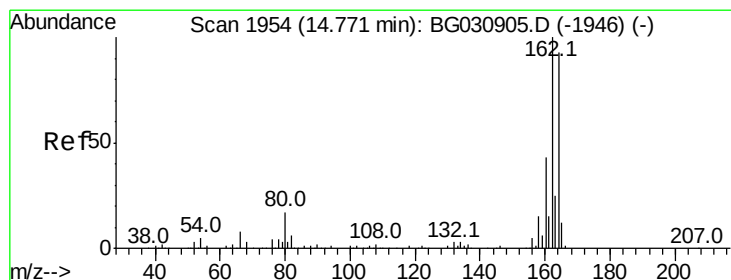
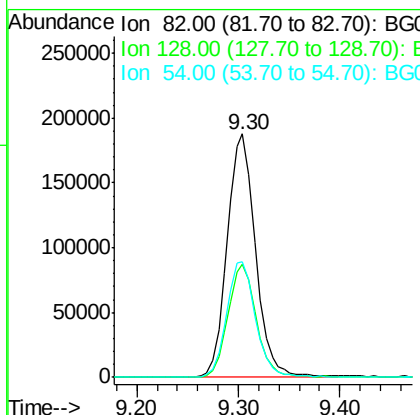
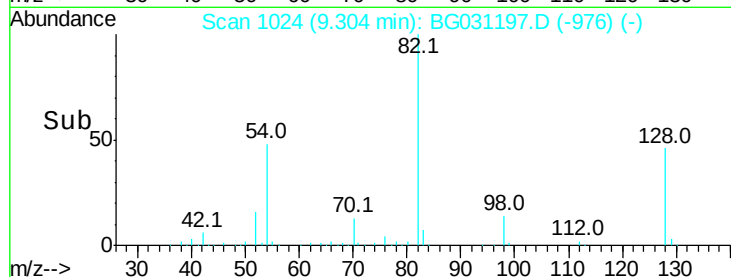
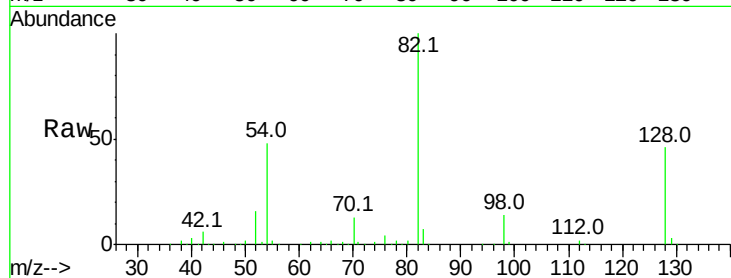




#23
Nitrobenzene-d5
Concen: 92.092 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031197.D
Acq: 22 Nov 2017 19:56

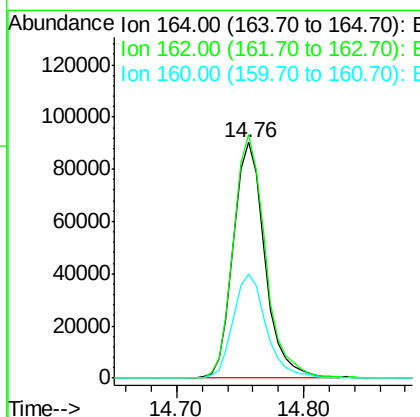
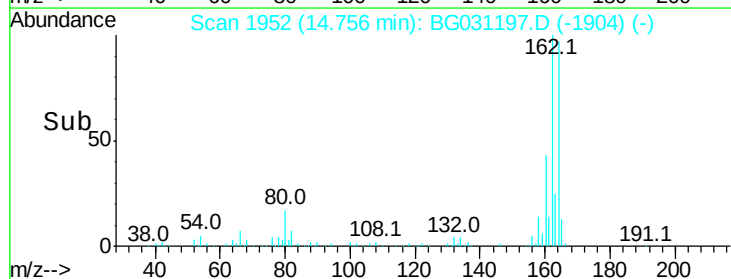
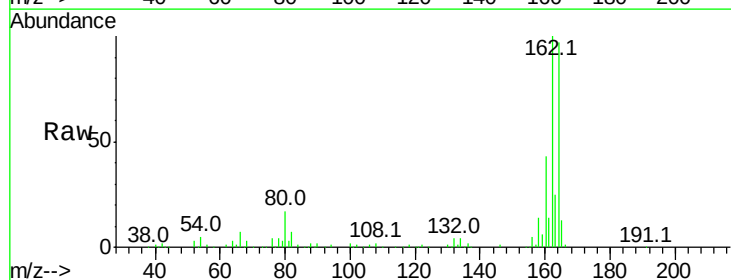
Instrument :
BNA_G
ClientSampleId :

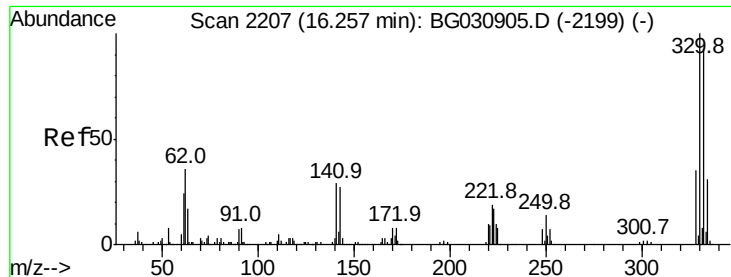
Tot Ion: 82 Resp: 364973
Ion Ratio Lower Upper
82 100
128 46.4 29.7 44.5#
54 47.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031197.D
Acq: 22 Nov 2017 19:56

Tgt Ion:164 Resp: 155362
Ion Ratio Lower Upper
164 100
162 103.4 78.8 118.2
160 44.1 35.4 53.0

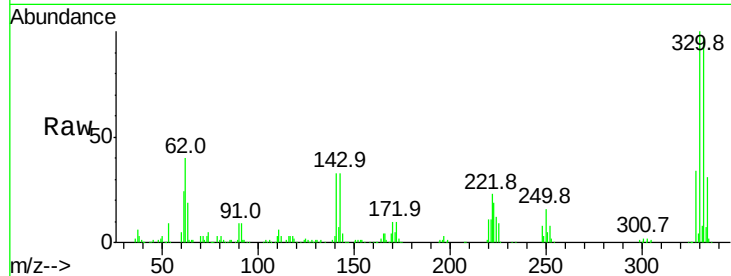




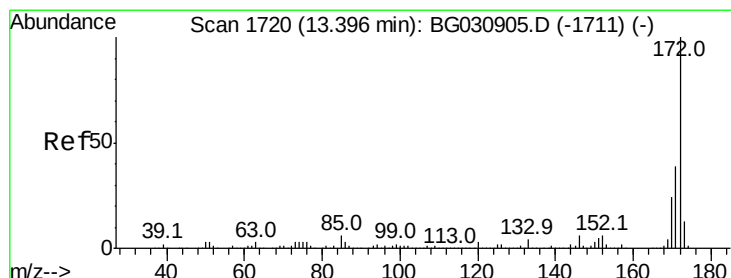
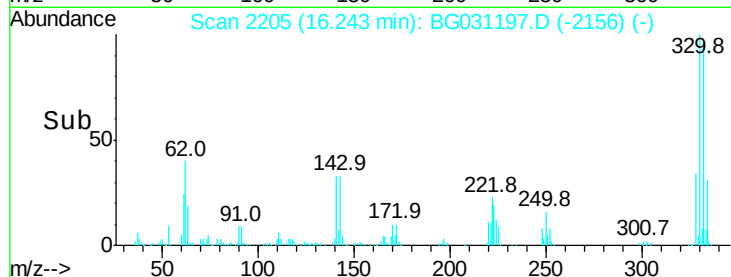
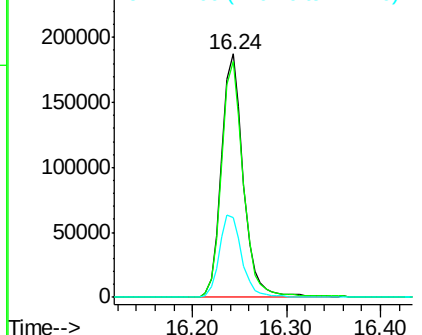
#41
 2,4,6-Tribromophenol
 Concen: 121.471 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031197.D
 Acq: 22 Nov 2017 19:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	34.8	25.2	37.8

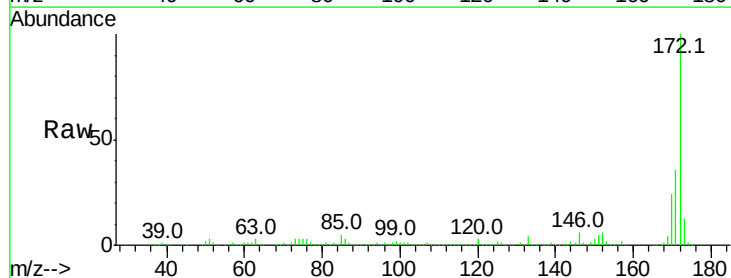


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

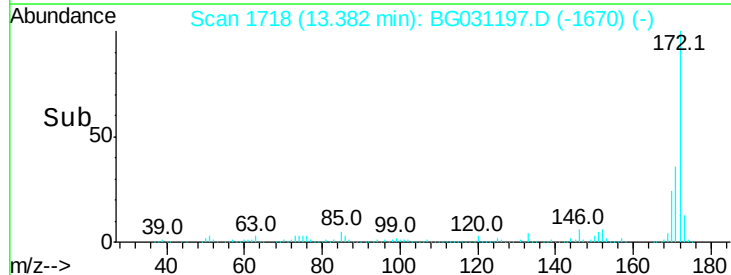
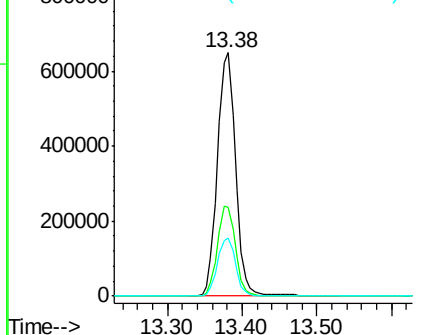


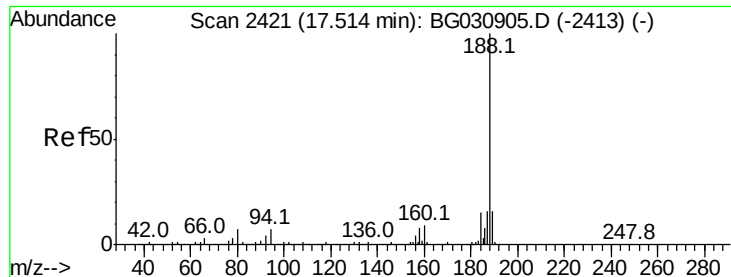
#44
 2-Fluorobiphenyl
 Concen: 101.649 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031197.D
 Acq: 22 Nov 2017 19:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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

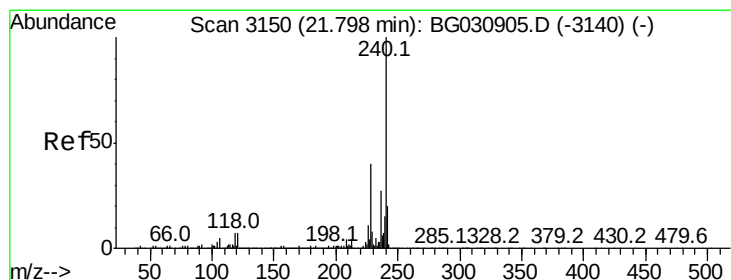
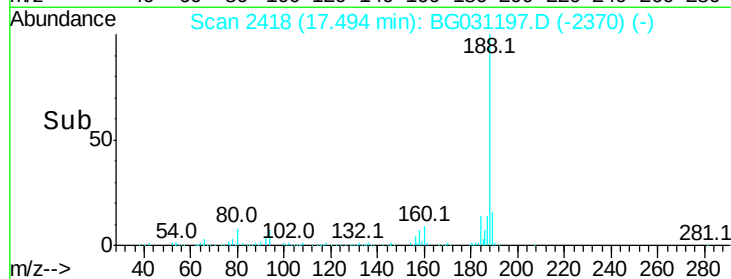
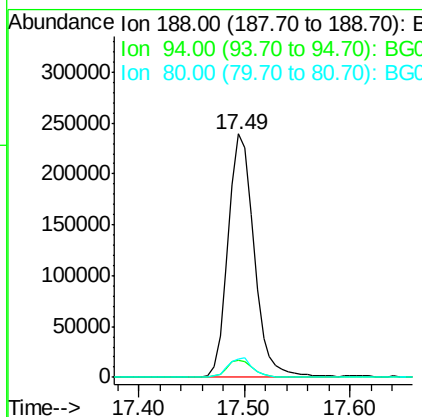
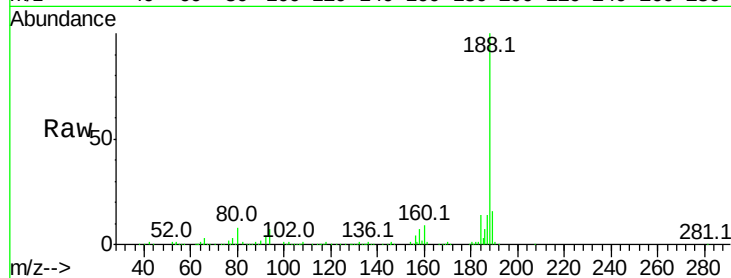




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031197.D
Acq: 22 Nov 2017 19:56

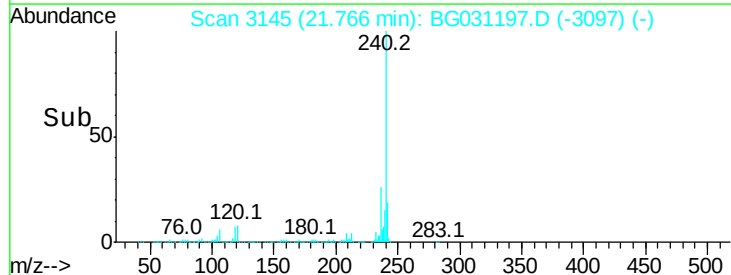
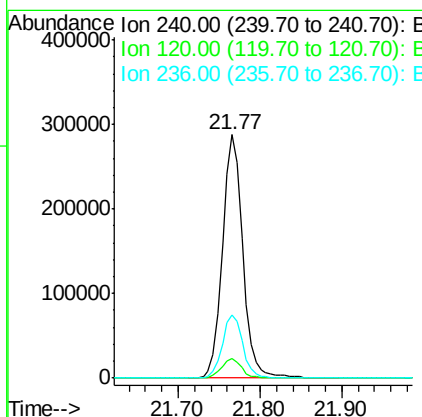
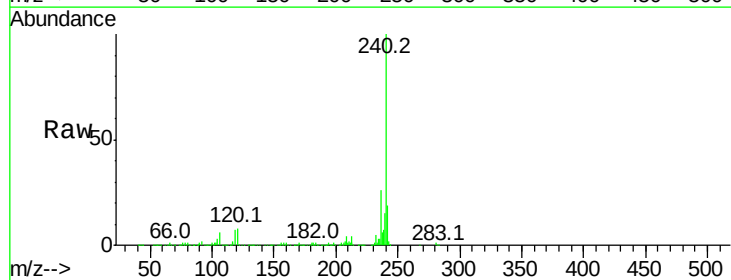
Instrument :
BNA_G
ClientSampleId :

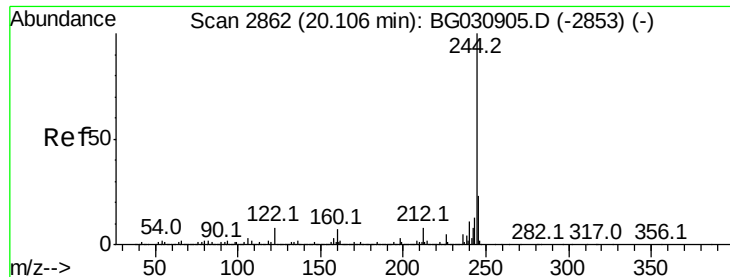
Tot Ion:188 Resp: 408407
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031197.D
Acq: 22 Nov 2017 19:56

Tgt Ion:240 Resp: 497564
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 87.160 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031197.D

Acq: 22 Nov 2017 19:56

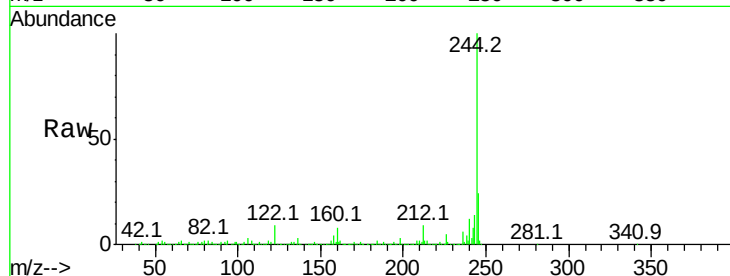
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1964039

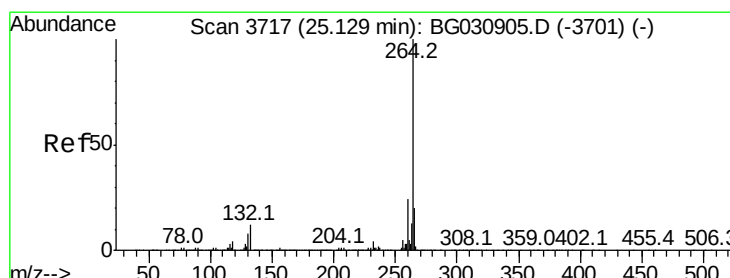
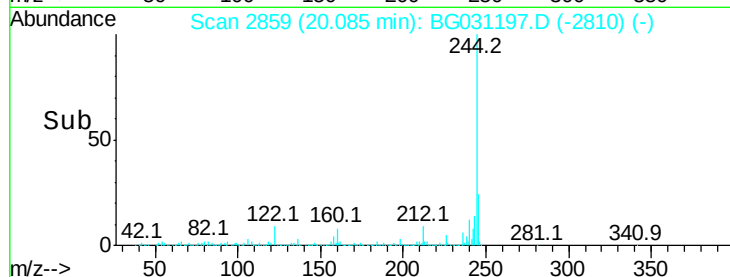
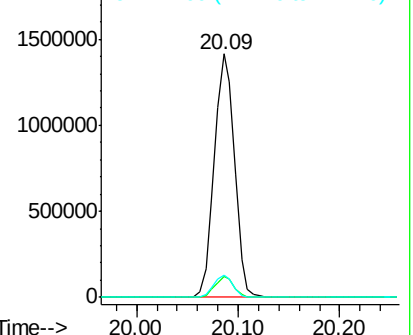
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.1	7.0	10.4



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

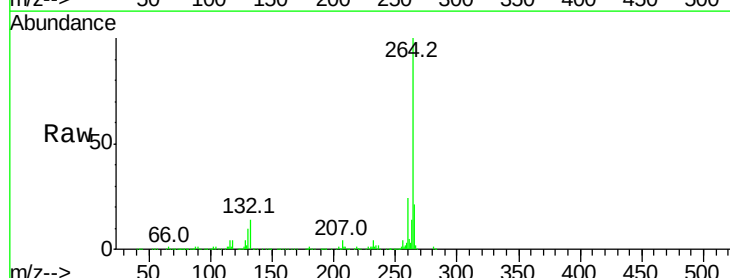
Delta R.T. -0.02 min

Lab File: BG031197.D

Acq: 22 Nov 2017 19:56

Tgt Ion:264 Resp: 477784

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.4	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

