

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031156.D
 Acq On : 21 Nov 2017 16:19
 Operator : SJ/JU
 Sample : I6501-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 00:31:39 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	53901	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	236577	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	161112	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	421275	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	518306	20.00	ng	-0.01
86) Perylene-d12	25.07	264	507193	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	202816	64.52	ng	-0.01
7) Phenol-d6	7.30	99	173832	41.05	ng	0.00
23) Nitrobenzene-d5	9.30	82	344159	86.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	288277	110.61	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1034599	92.27	ng	-0.02
78) Terphenyl-d14	20.09	244	1992038	84.86	ng	0.00

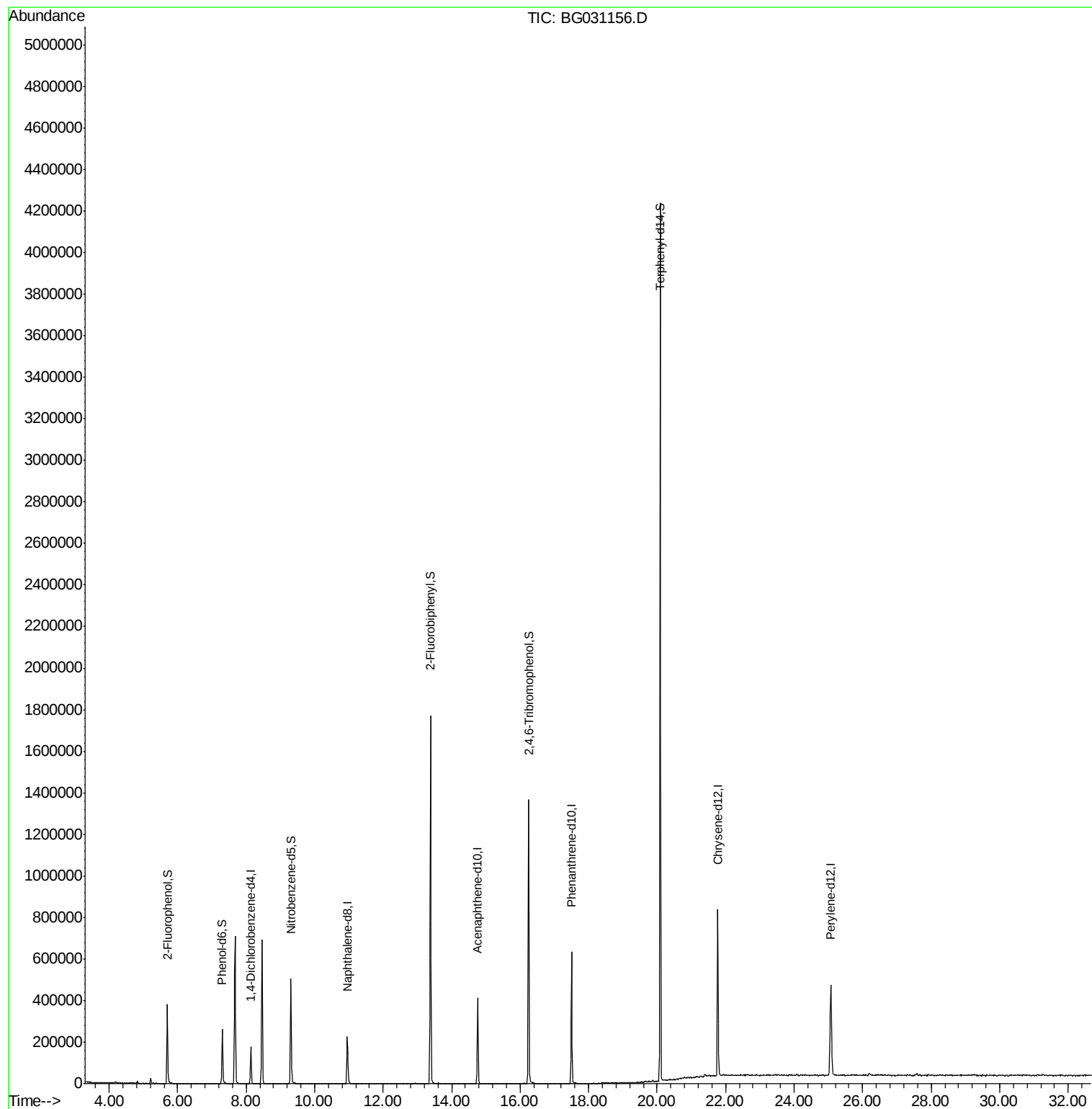
Target Compounds Qvalue

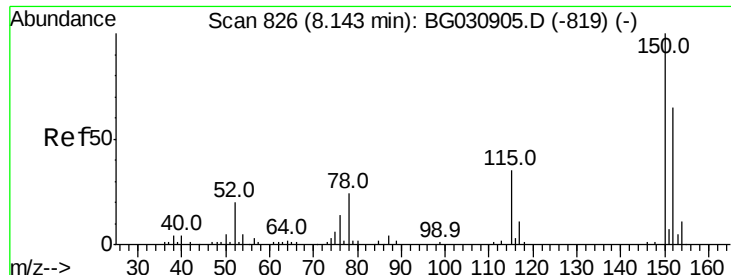
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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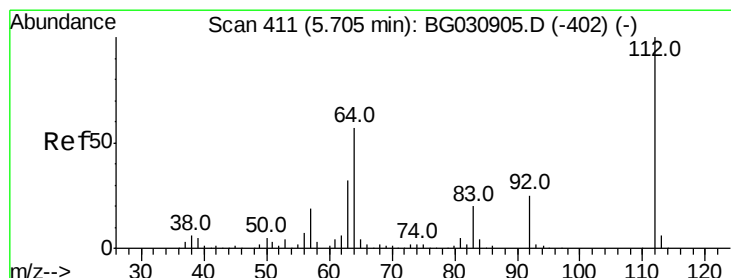
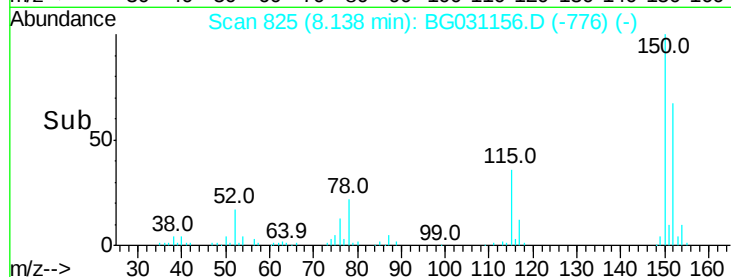
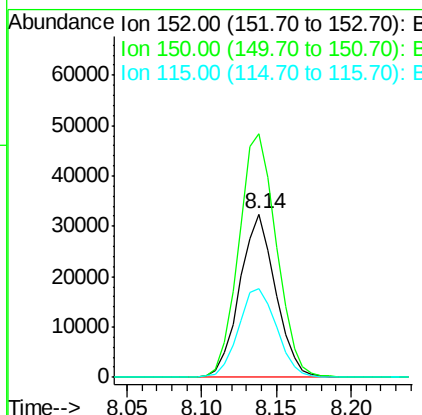
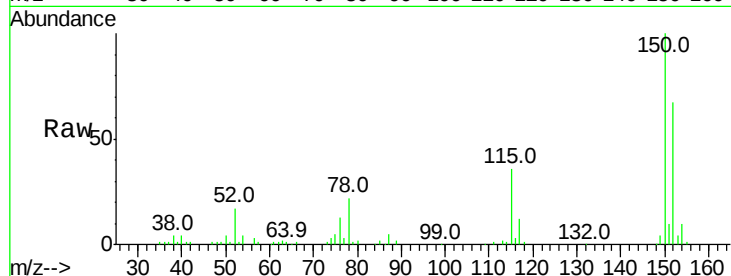


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG031156.D
Acq: 21 Nov 2017 16:19

Instrument :
BNA_G
ClientSampleId :

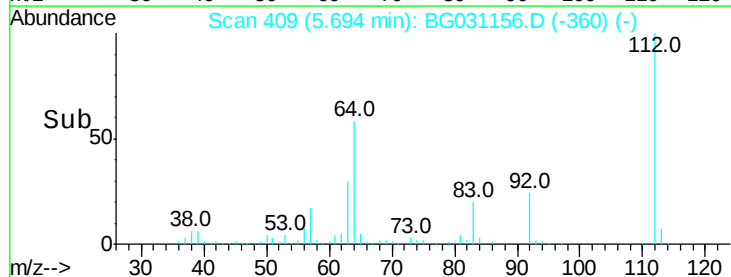
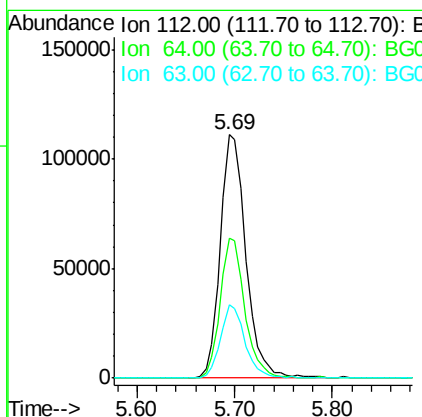
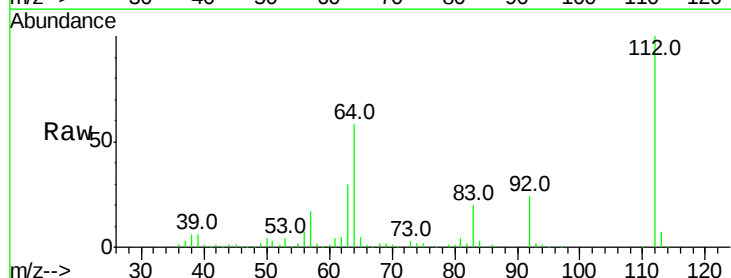
Tot Ion:152 Resp: 53901
Ion Ratio Lower Upper
152 100
150 149.0 126.6 189.8
115 54.2 53.0 79.4

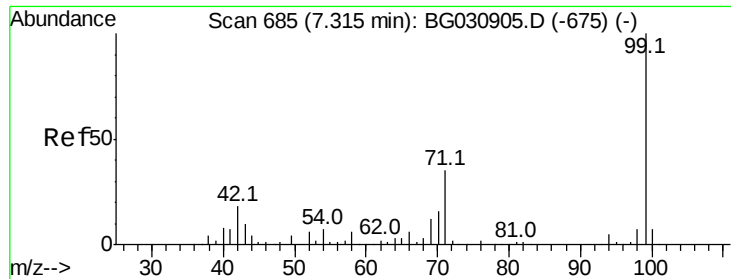


#5

2-Fluorophenol
Concen: 64.522 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031156.D
Acq: 21 Nov 2017 16:19

Tgt Ion:112 Resp: 202816
Ion Ratio Lower Upper
112 100
64 57.5 56.3 84.5
63 30.1 30.1 45.1





#7

Phenol-d6

Concen: 41.049 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031156.D

Acq: 21 Nov 2017 16:19

Instrument :

BNA_G

ClientSampleId :

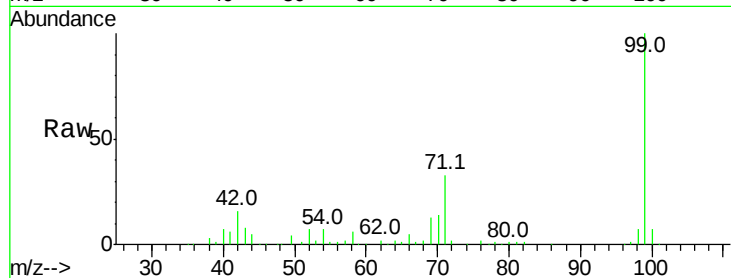
Tot Ion: 99 Resp: 173832

Ion Ratio Lower Upper

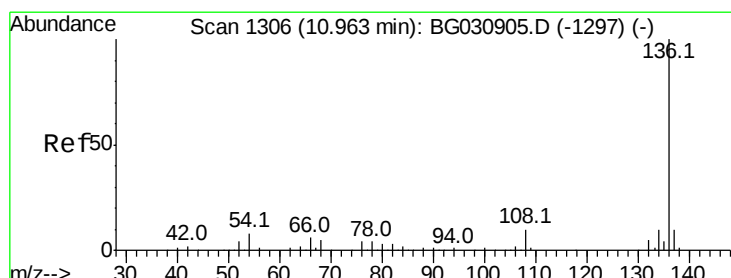
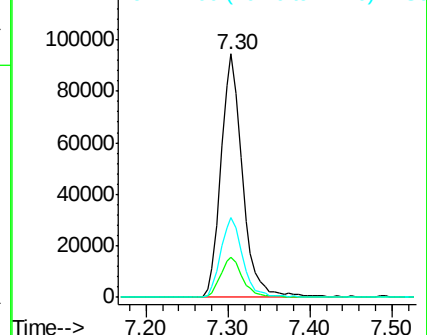
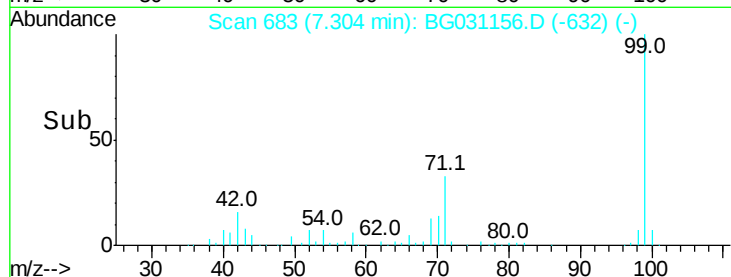
99 100

42 16.3 14.1 21.1

71 32.5 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: BG031156.D

Acq: 21 Nov 2017 16:19

Tgt Ion: 136 Resp: 236577

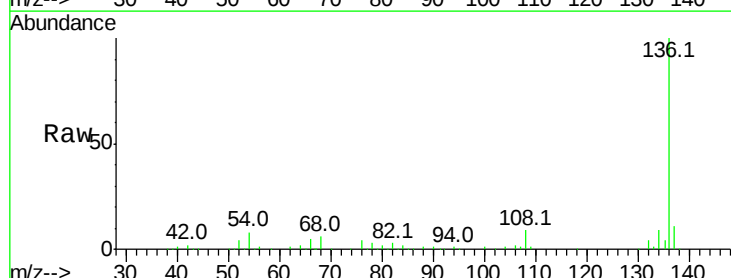
Ion Ratio Lower Upper

136 100

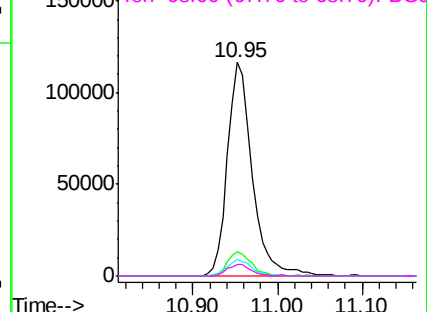
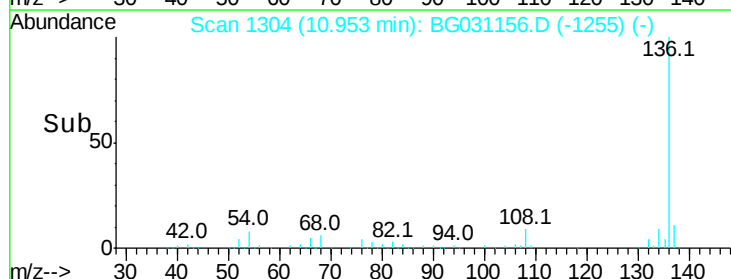
137 11.4 9.2 13.8

54 7.7 10.3 15.5#

68 5.7 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

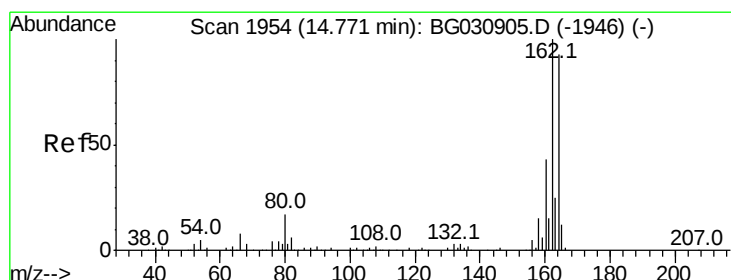
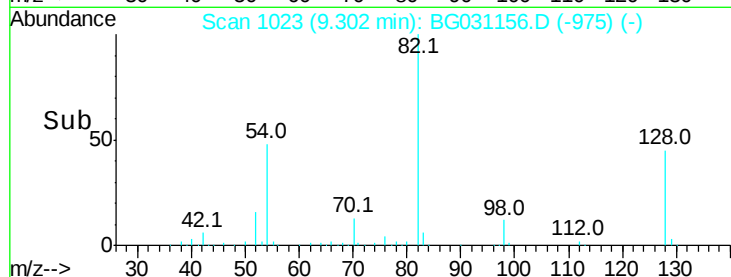
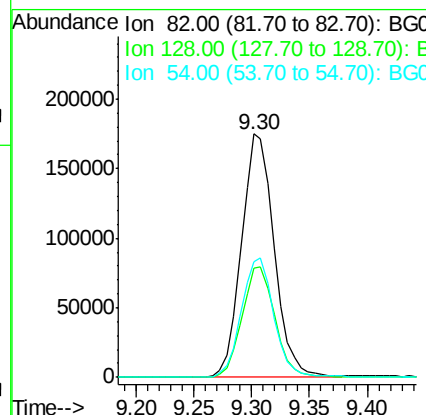
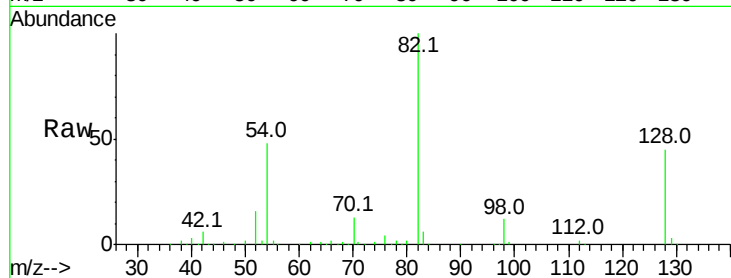




#23
Nitrobenzene-d5
Concen: 86.203 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031156.D
Acq: 21 Nov 2017 16:19

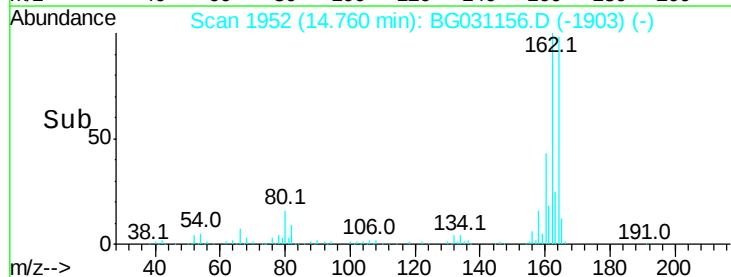
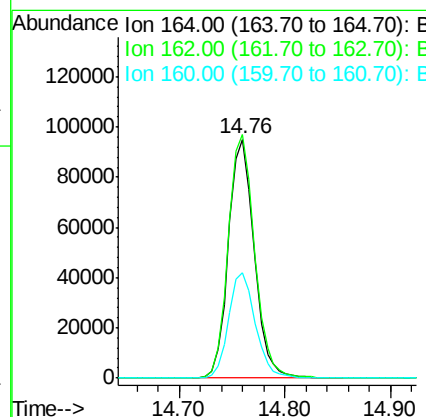
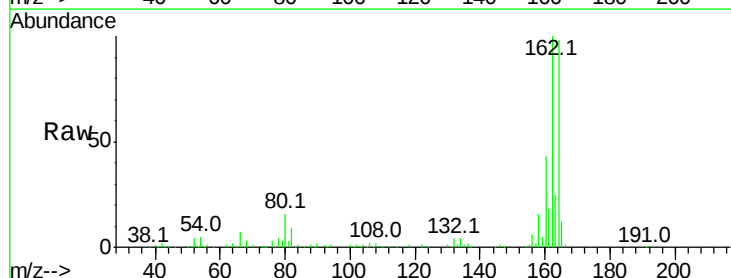
Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 344159
Ion Ratio Lower Upper
82 100
128 44.9 29.7 44.5#
54 47.7 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: BG031156.D
Acq: 21 Nov 2017 16:19

Tgt Ion:164 Resp: 161112
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 43.9 35.4 53.0

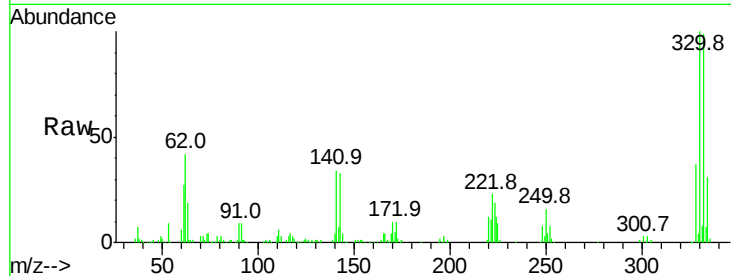




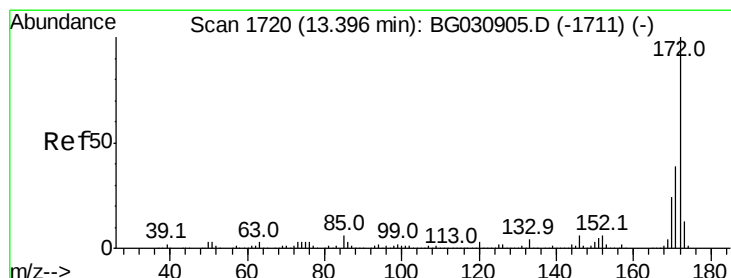
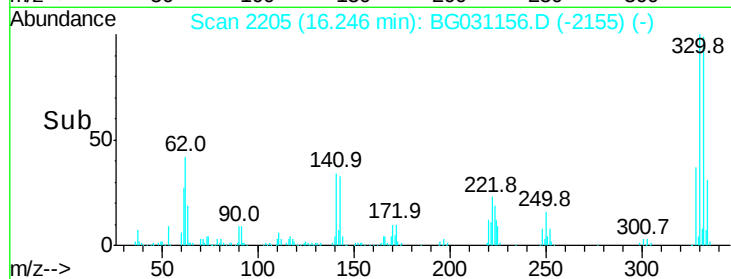
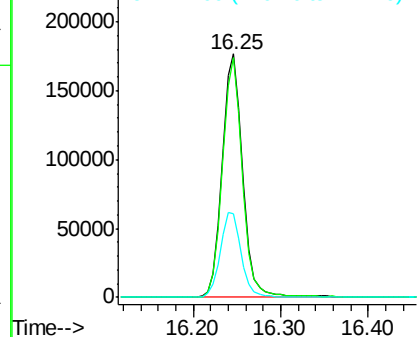
#41
 2,4,6-Tribromophenol
 Concen: 110.609 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031156.D
 Acq: 21 Nov 2017 16:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	35.4	25.2	37.8

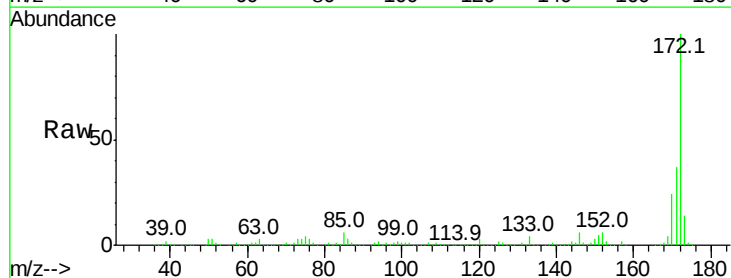


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

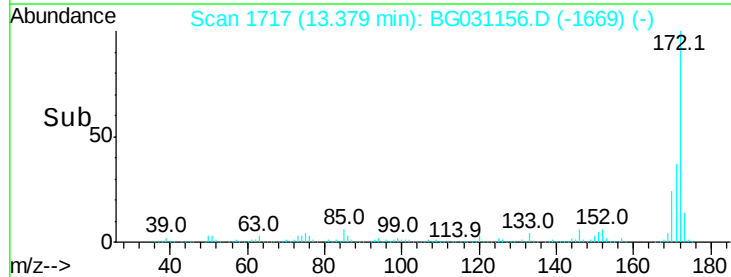
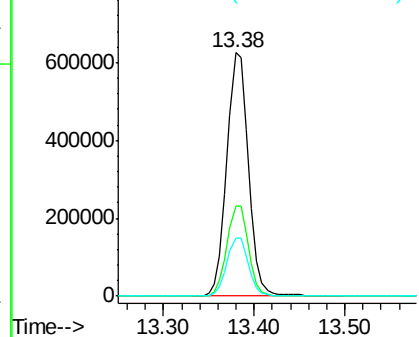


#44
 2-Fluorobiphenyl
 Concen: 92.272 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031156.D
 Acq: 21 Nov 2017 16:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.9	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

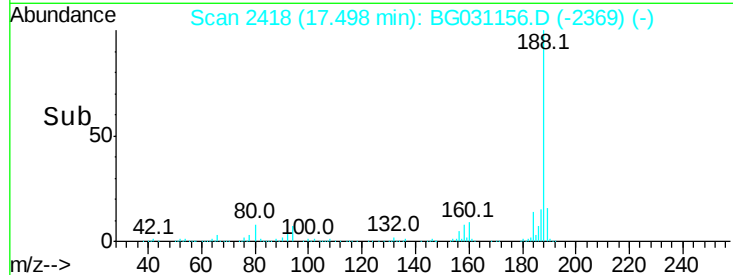
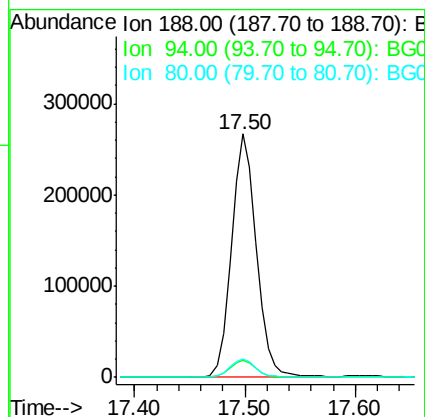
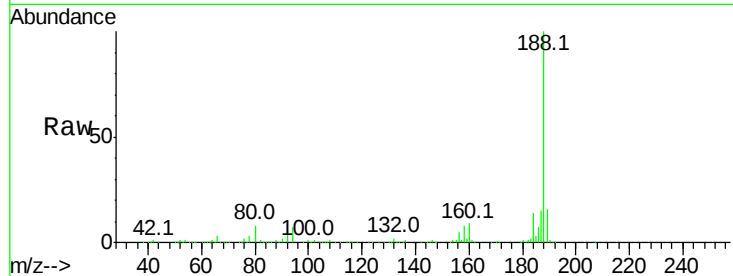




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG031156.D
Acq: 21 Nov 2017 16:19

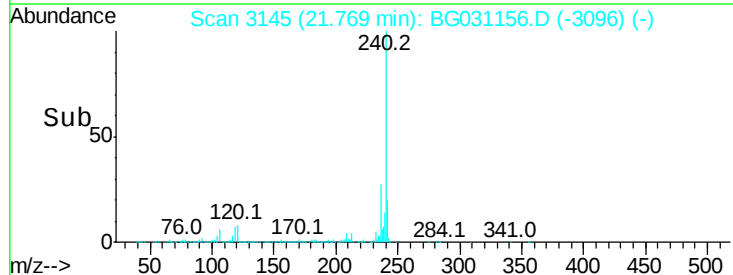
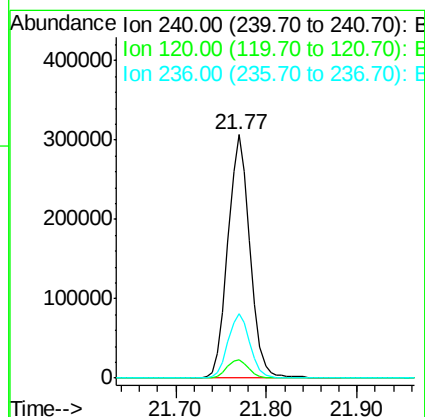
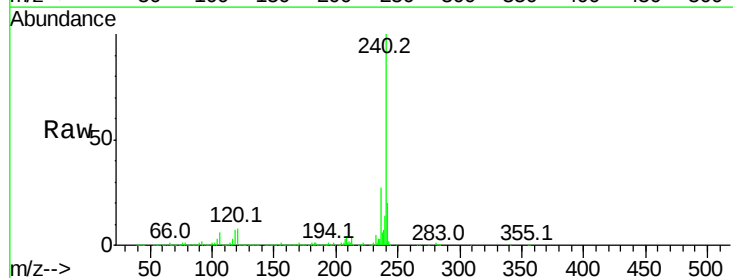
Instrument :
BNA_G
ClientSampleId :

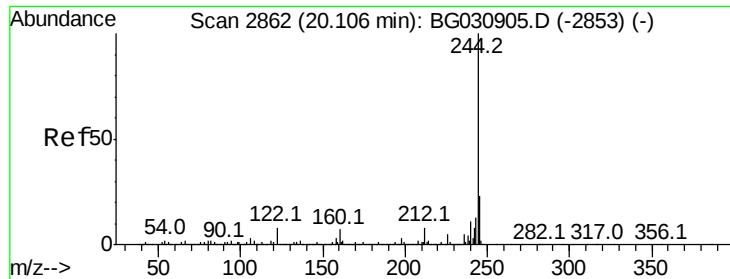
Tot Ion:188 Resp: 421275
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031156.D
Acq: 21 Nov 2017 16:19

Tgt Ion:240 Resp: 518306
Ion Ratio Lower Upper
240 100
120 7.8 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 84.865 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031156.D

Acq: 21 Nov 2017 16:19

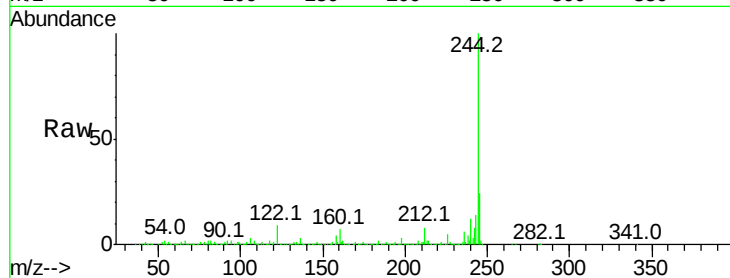
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1992038

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



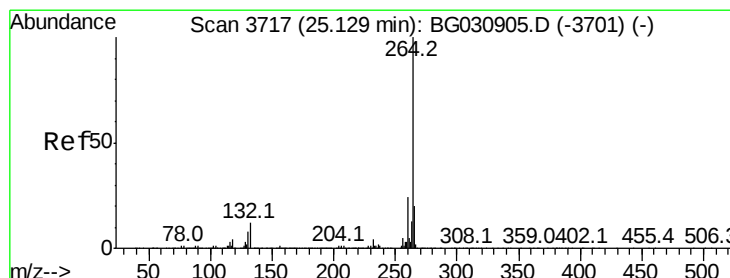
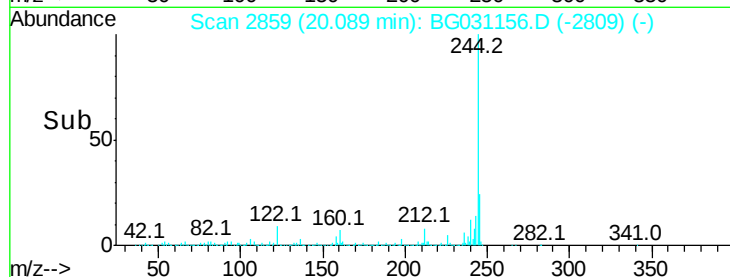
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.09

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

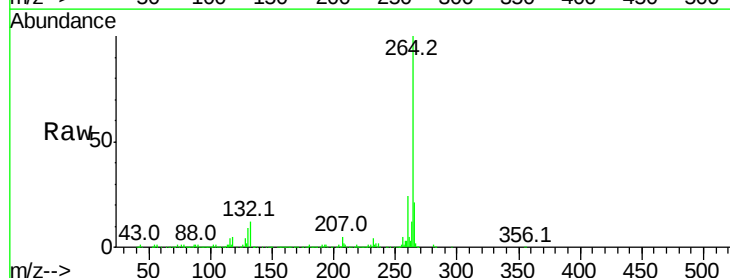
Delta R.T. -0.02 min

Lab File: BG031156.D

Acq: 21 Nov 2017 16:19

Tgt Ion:264 Resp: 507193

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	20.8	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

25.07

Time-->

