

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031195.D
 Acq On : 22 Nov 2017 18:41
 Operator : SJ/JU
 Sample : I6525-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 23:53:35 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	51573	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	234408	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	160021	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	413408	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	501259	20.00	ng	-0.02
86) Perylene-d12	25.06	264	485128	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	188349	62.62	ng	-0.01
7) Phenol-d6	7.30	99	151046	37.28	ng	0.00
23) Nitrobenzene-d5	9.30	82	350330	88.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	291975	112.79	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1070795	96.15	ng	-0.02
78) Terphenyl-d14	20.09	244	1908834	84.09	ng	-0.01

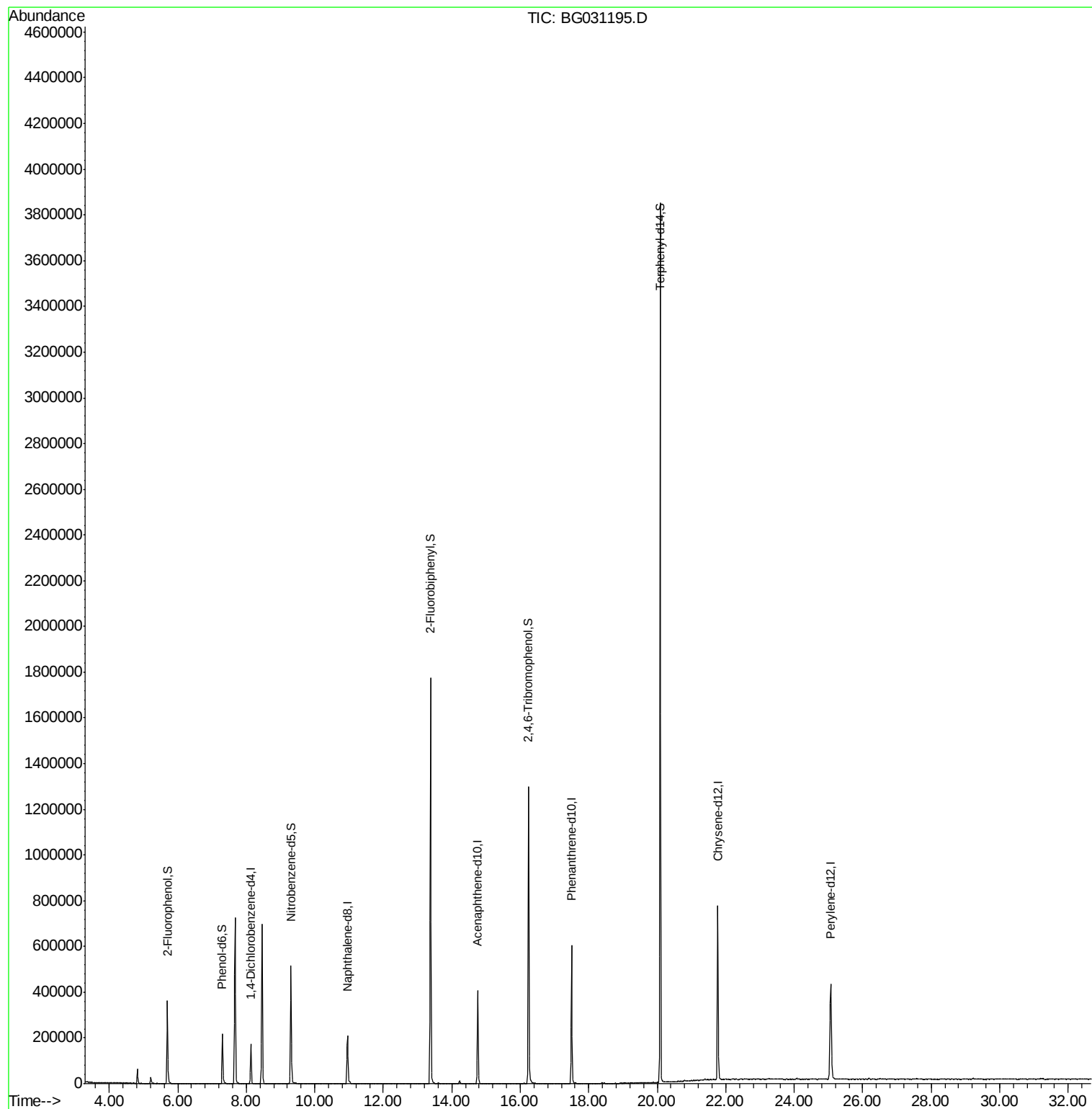
Target Compounds Qvalue

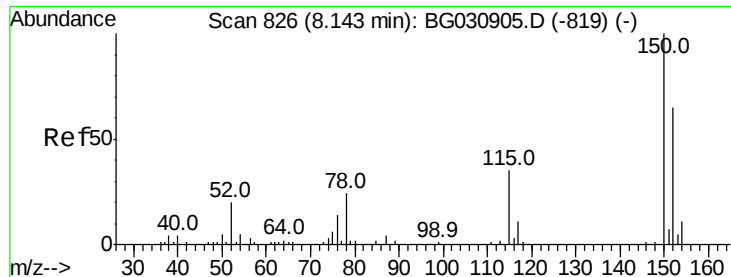
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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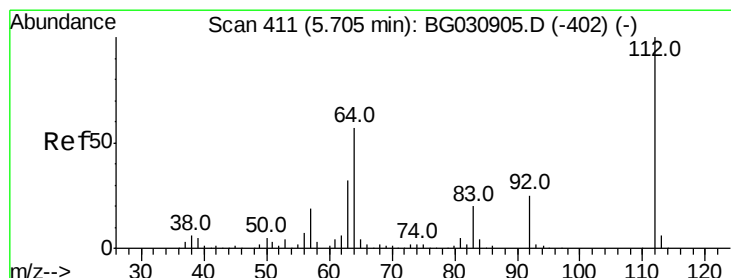
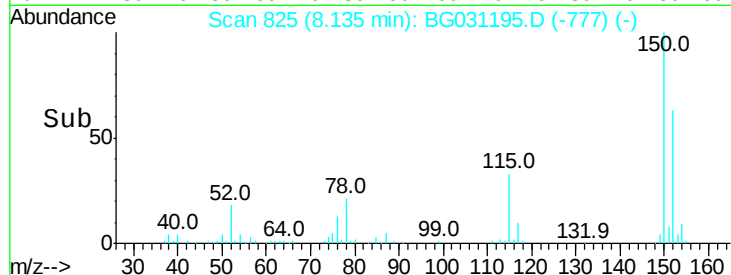
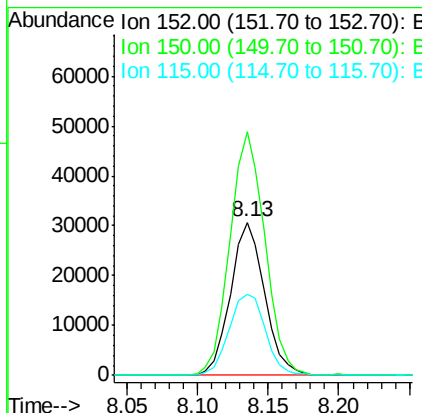
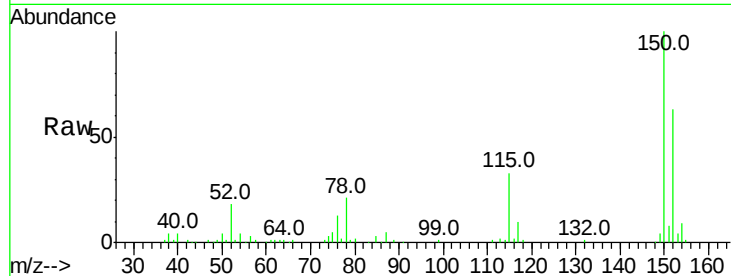


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

Instrument :
BNA_G
ClientSampleId :

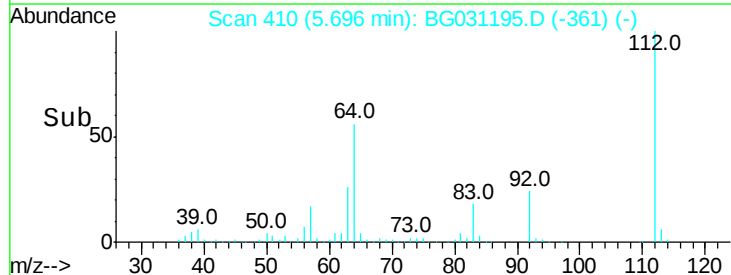
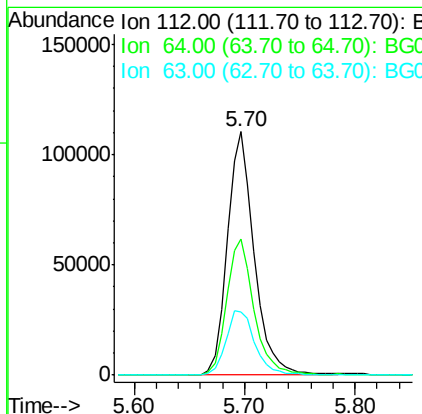
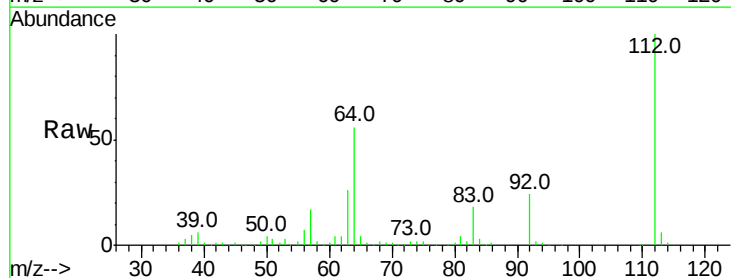
Tot Ion:152 Resp: 51573
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 53.2 53.0 79.4

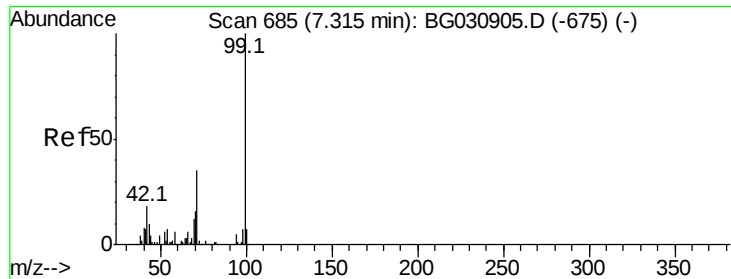


#5

2-Fluorophenol
Concen: 62.624 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

Tgt Ion:112 Resp: 188349
Ion Ratio Lower Upper
112 100
64 55.7 56.3 84.5#
63 26.2 30.1 45.1#





#7

Phenol-d6

Concen: 37.278 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031195.D

Acq: 22 Nov 2017 18:41

Instrument :

BNA_G

ClientSampled :

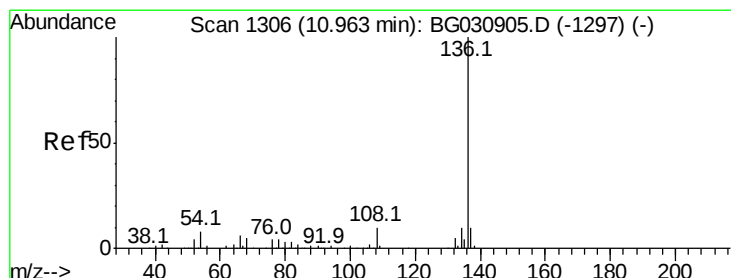
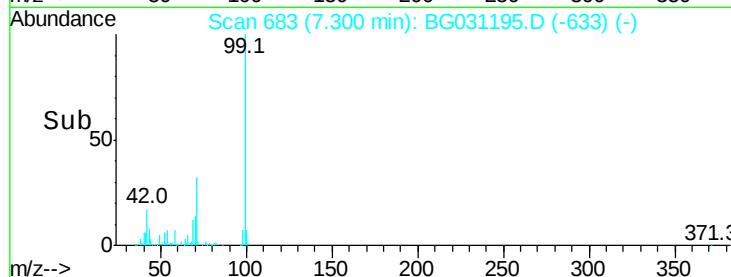
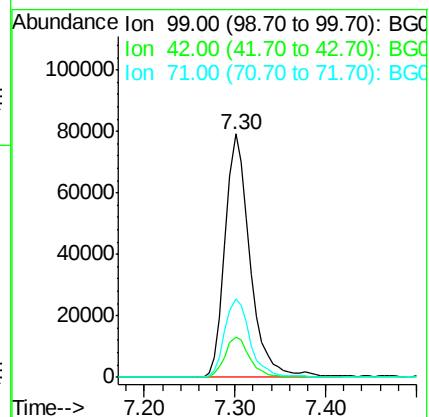
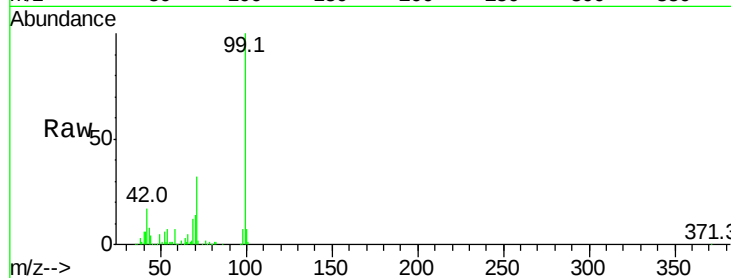
Tot Ion: 99 Resp: 151046

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 32.3 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031195.D

Acq: 22 Nov 2017 18:41

Tgt Ion: 136 Resp: 234408

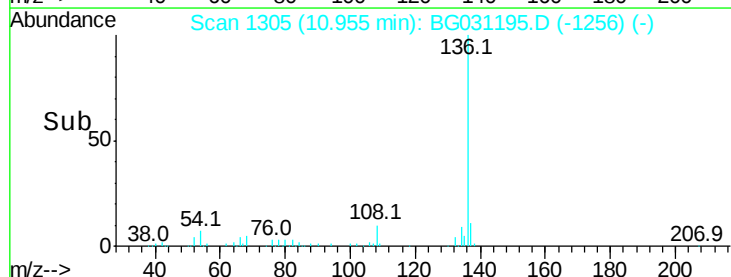
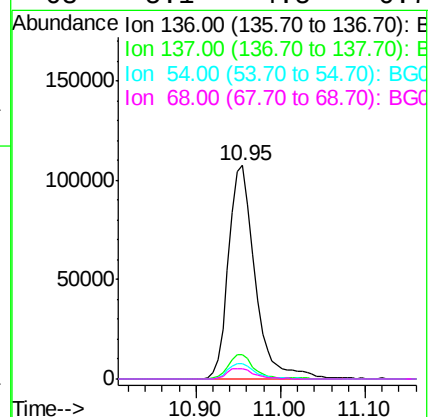
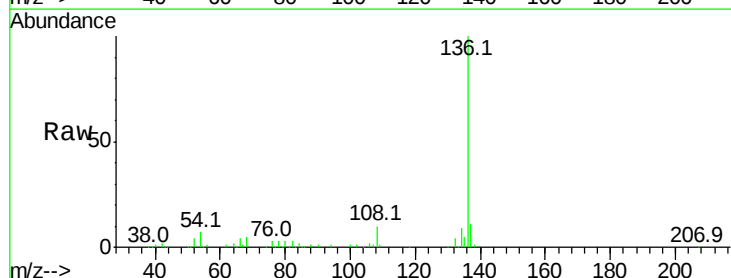
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.9 10.3 15.5#

68 5.1 4.5 6.7

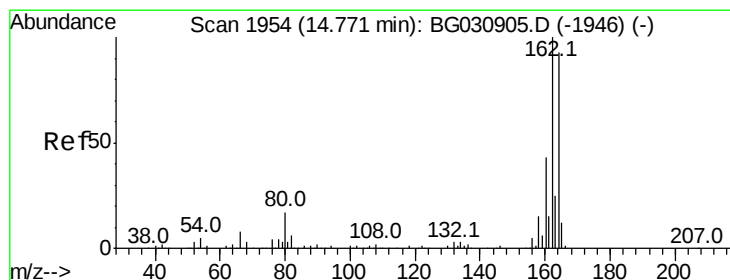
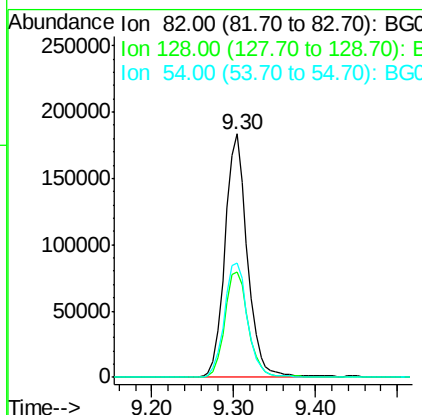
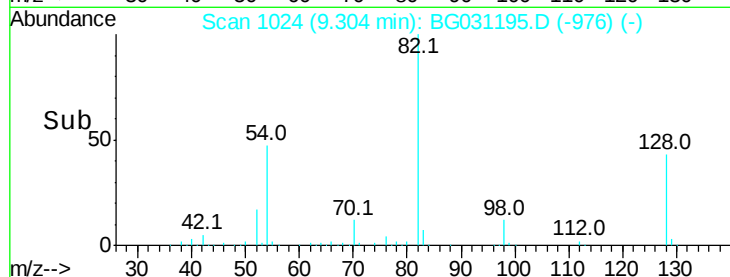
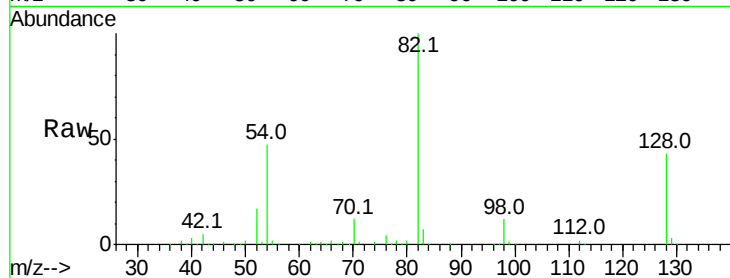




#23
 Nitrobenzene-d5
 Concen: 88.560 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031195.D
 Acq: 22 Nov 2017 18:41

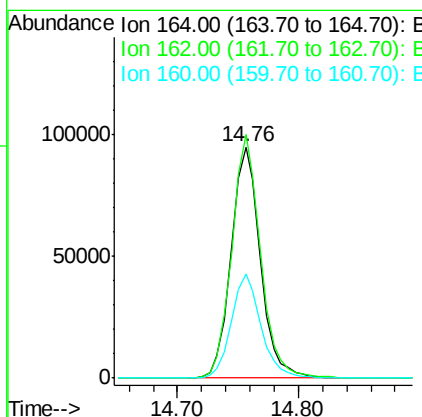
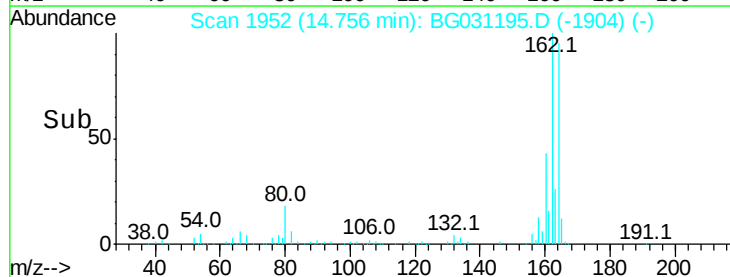
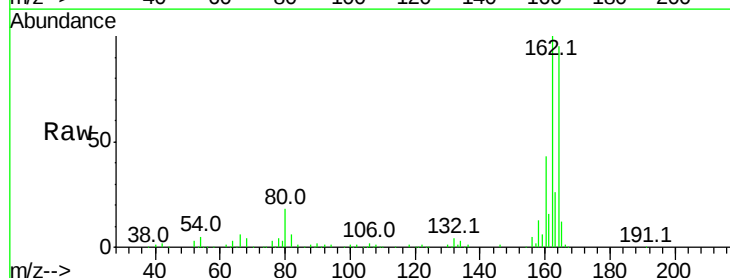
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	350330
Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.7	44.5
54	46.8	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: BG031195.D
 Acq: 22 Nov 2017 18:41

Tgt Ion	164	Resp	160021
Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	44.8	35.4	53.0

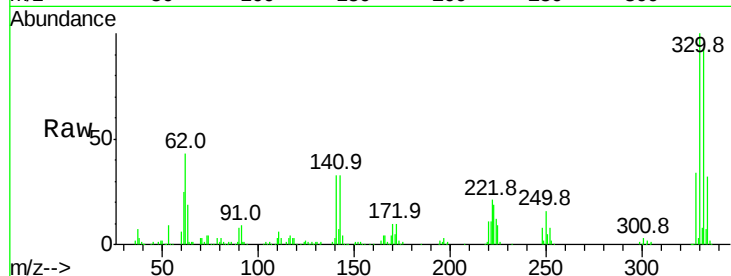




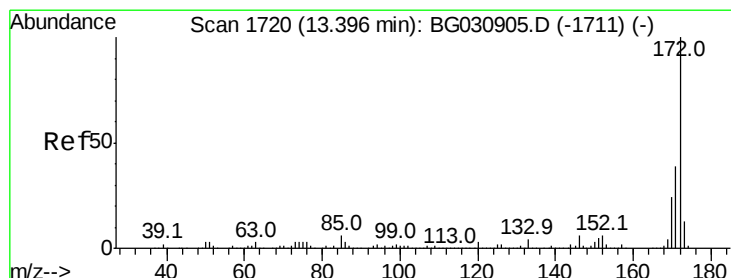
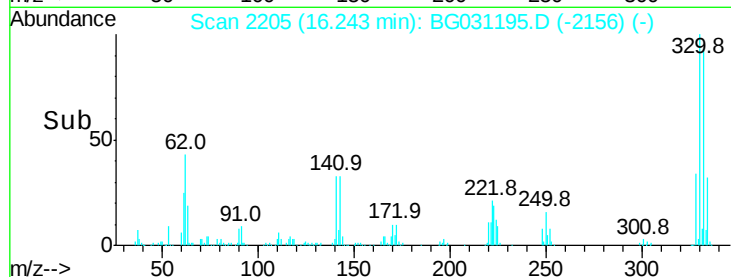
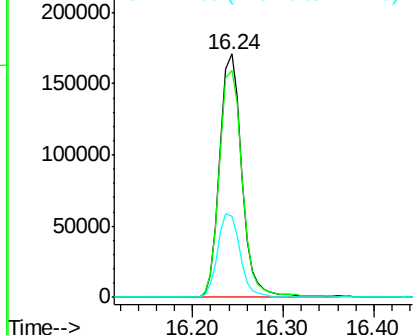
#41
 2,4,6-Tribromophenol
 Concen: 112.792 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031195.D
 Acq: 22 Nov 2017 18:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.8	25.2	37.8

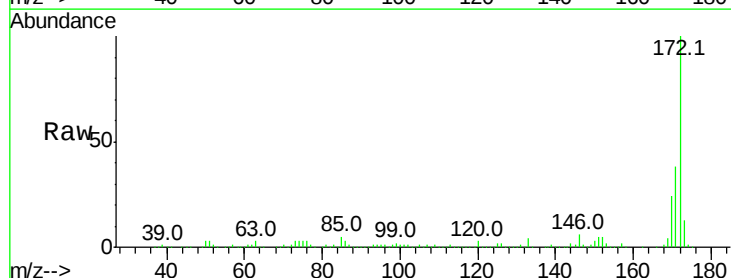


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

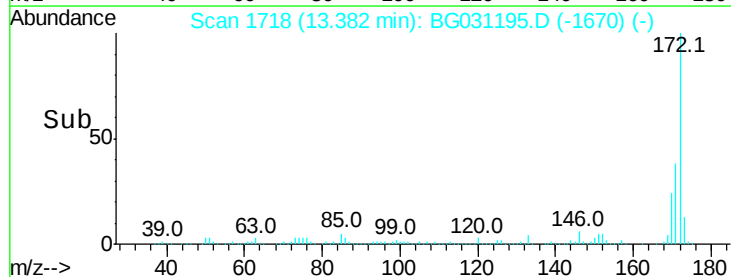
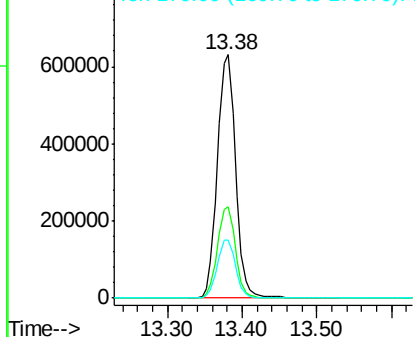


#44
 2-Fluorobiphenyl
 Concen: 96.151 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031195.D
 Acq: 22 Nov 2017 18:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	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

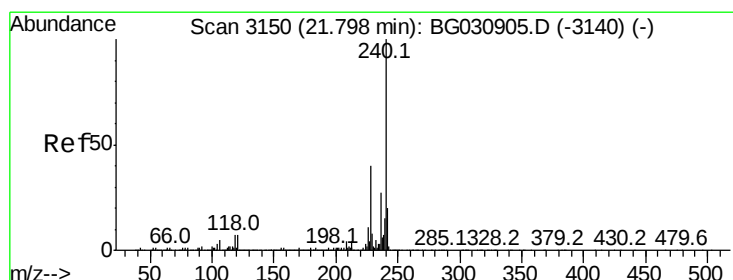
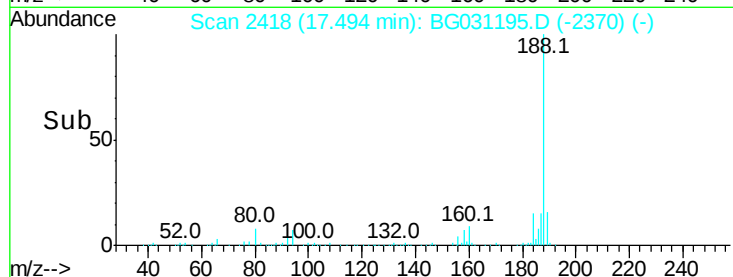
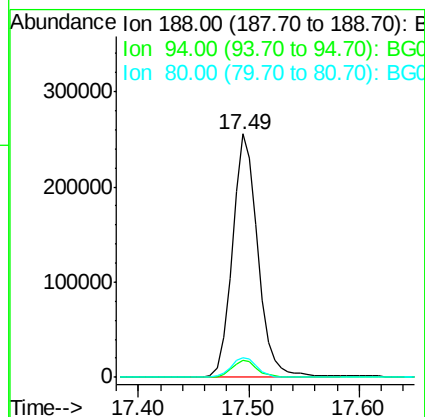
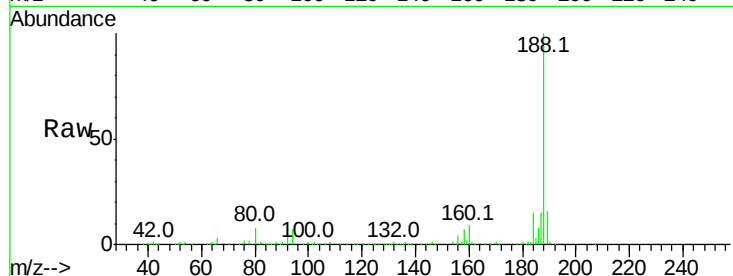




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031195.D
Acq: 22 Nov 2017 18:41

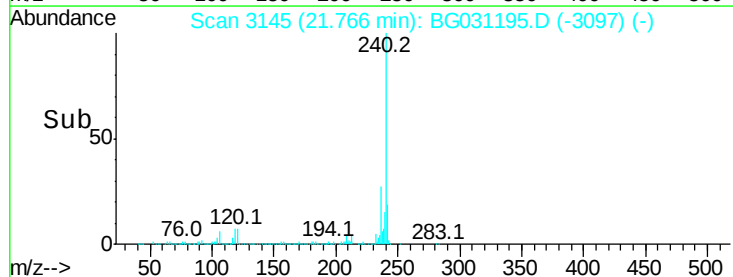
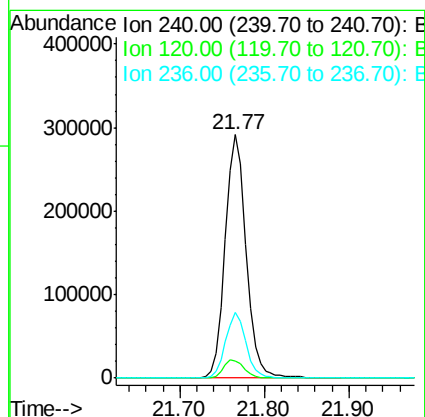
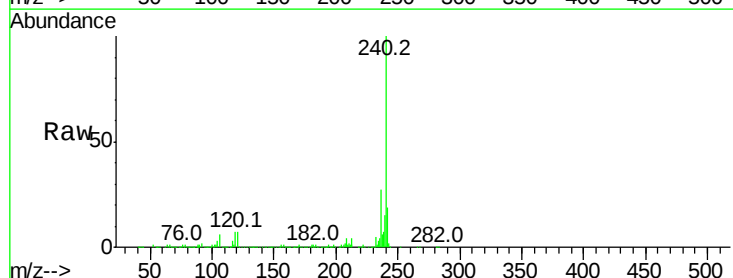
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 413408
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.2 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: BG031195.D
Acq: 22 Nov 2017 18:41

Tgt Ion:240 Resp: 501259
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 84.086 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031195.D

Acq: 22 Nov 2017 18:41

Instrument :

BNA_G

ClientSampleId :

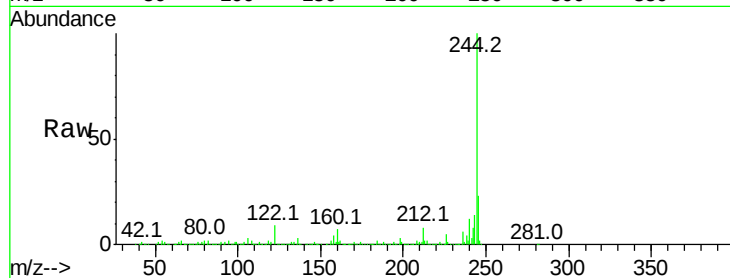
Tot Ion:244 Resp: 1908834

Ion Ratio Lower Upper

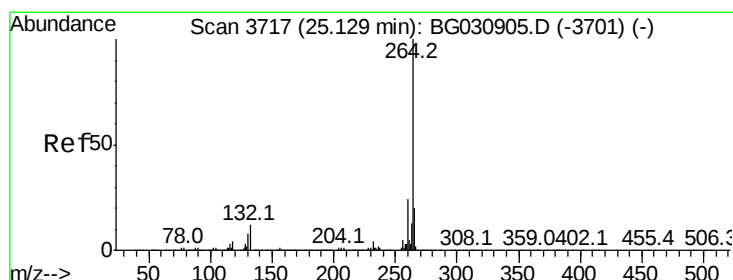
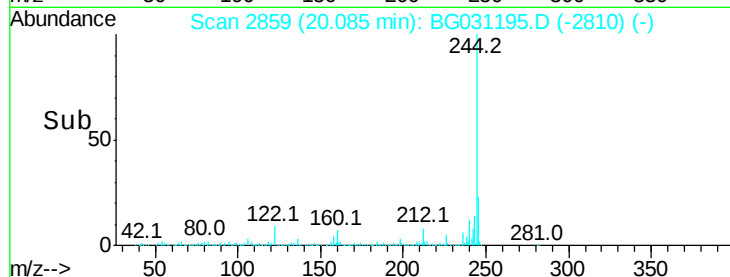
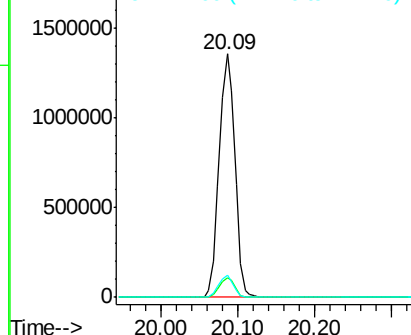
244 100

212 8.2 5.8 8.8

122 8.9 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: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG031195.D

Acq: 22 Nov 2017 18:41

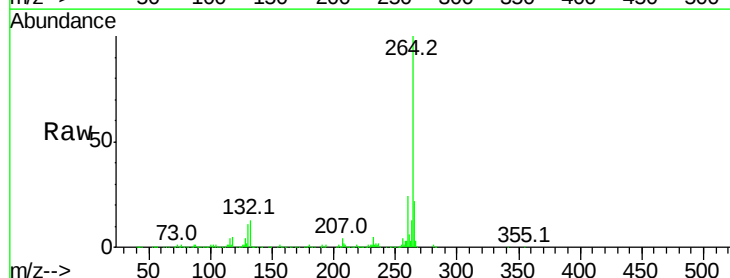
Tgt Ion:264 Resp: 485128

Ion Ratio Lower Upper

264 100

260 23.7 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

