

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034126.D
 Acq On : 2 May 2018 21:24
 Operator : SJ/JU
 Sample : J2157-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-C

Quant Time: May 03 05:21:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

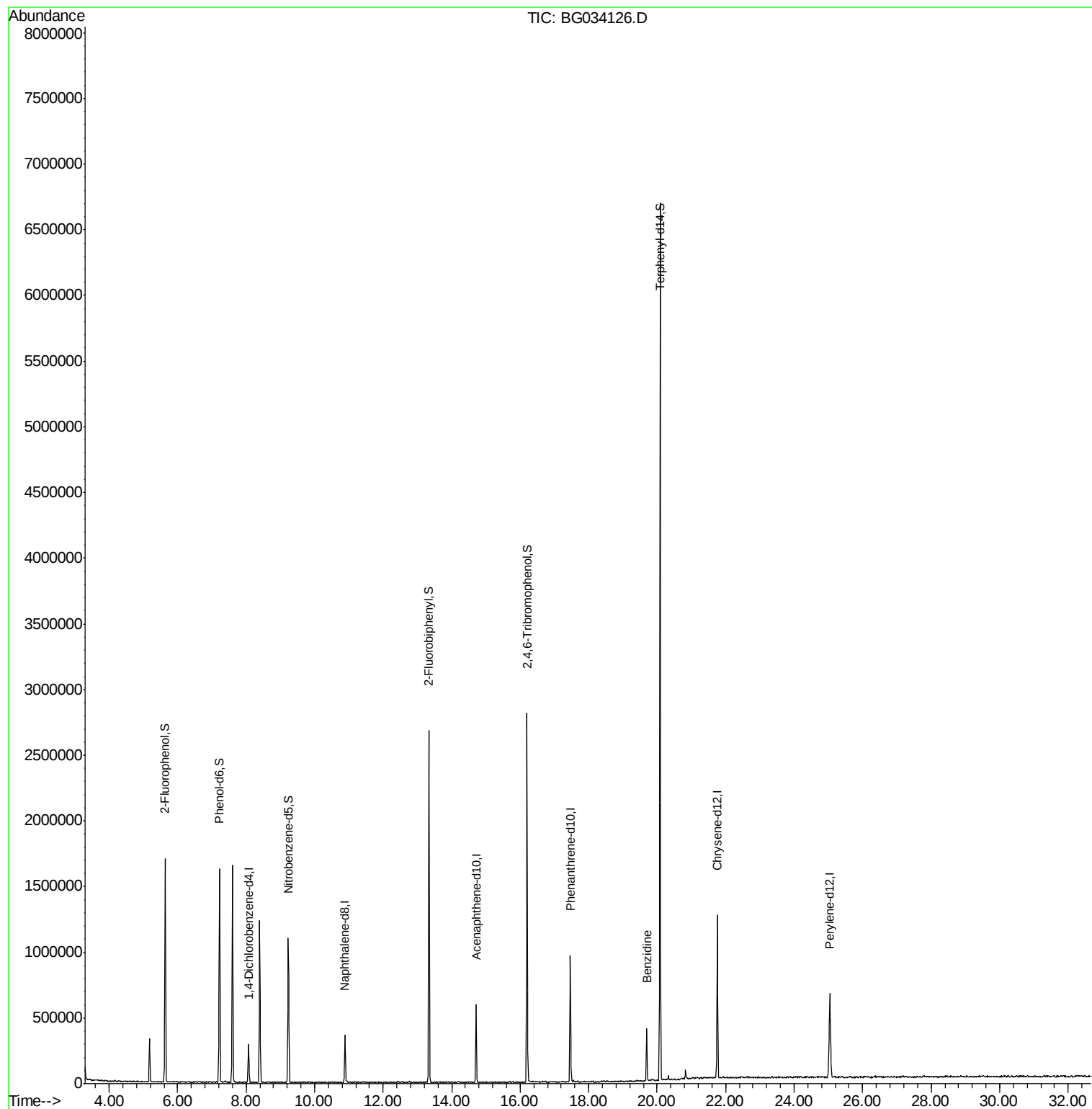
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68334	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	266329	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	205174	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	594547	20.00	ng	0.00
75) Chrysene-d12	21.76	240	728110	20.00	ng	-0.01
86) Perylene-d12	25.05	264	705071	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	590435	139.60	ng	0.00
7) Phenol-d6	7.22	99	781933	118.75	ng	0.00
23) Nitrobenzene-d5	9.23	82	663670	95.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	428553	150.84	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1311126	93.12	ng	-0.01
78) Terphenyl-d14	20.08	244	2859143	86.02	ng	-0.01
Target Compounds						
76) Benzidine	19.70	184	224077	11.947	ng	Qvalue 97

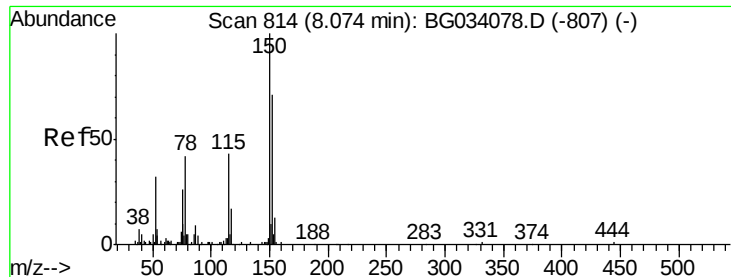
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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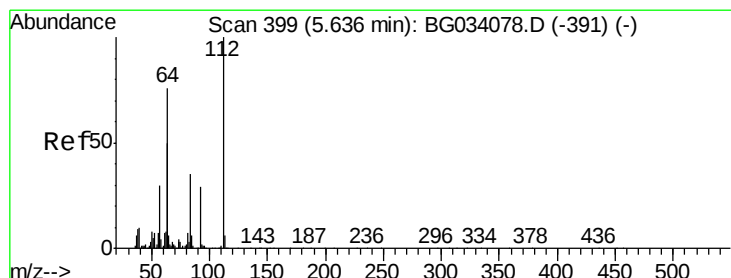
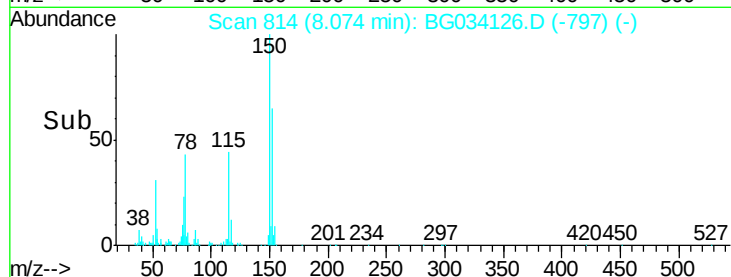
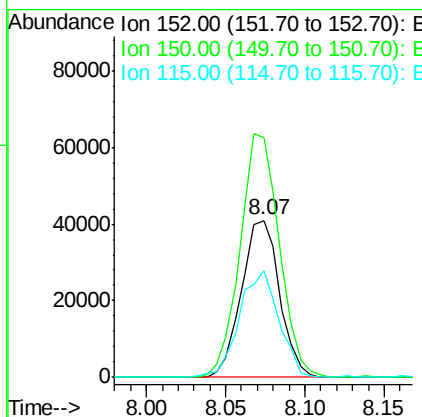
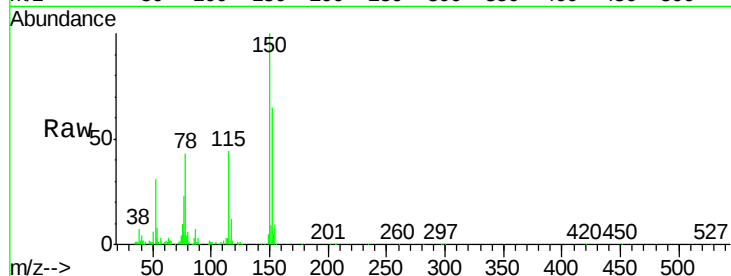


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-C

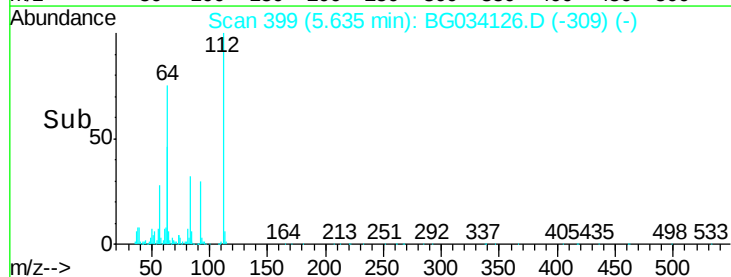
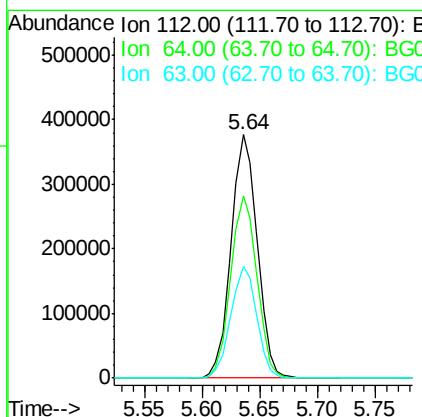
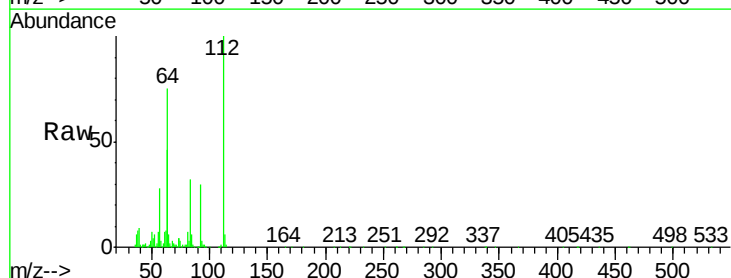
Tot Ion:152 Resp: 68334
Ion Ratio Lower Upper
152 100
150 152.7 126.6 189.8
115 67.6 53.0 79.4

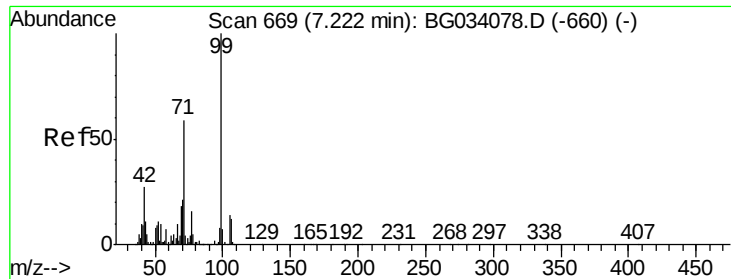


#5

2-Fluorophenol
Concen: 139.597 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

Tgt Ion:112 Resp: 590435
Ion Ratio Lower Upper
112 100
64 74.8 56.3 84.5
63 45.9 30.1 45.1#





#7

Phenol-d6

Concen: 118.751 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-C

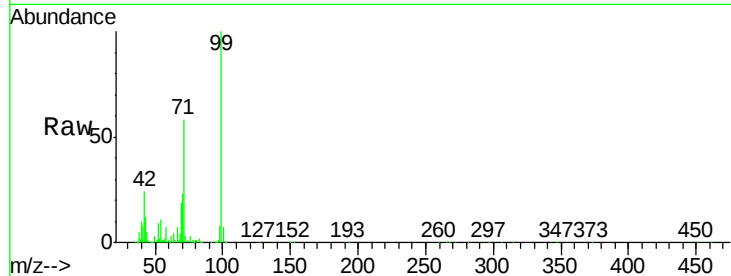
Tot Ion: 99 Resp: 781933

Ion Ratio Lower Upper

99 100

42 24.5 14.1 21.1#

71 58.2 26.1 39.1#

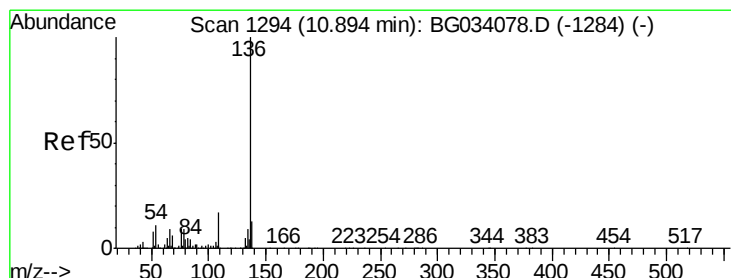
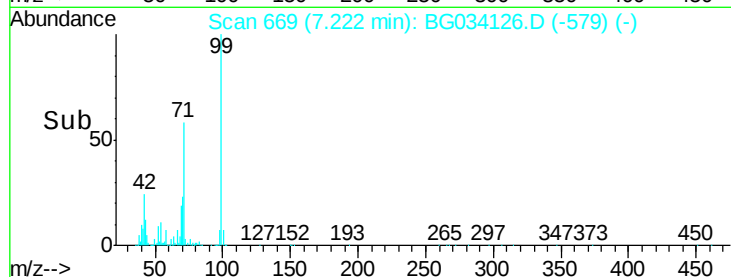
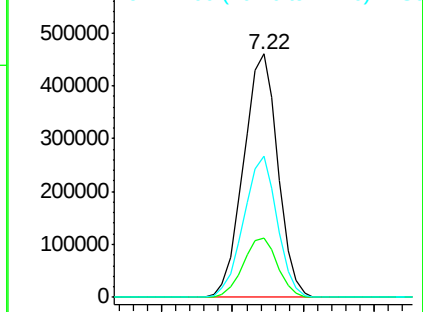


Abundance

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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

Tgt Ion: 136 Resp: 266329

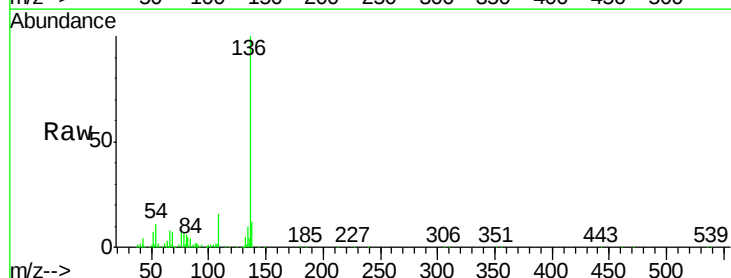
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 10.7 10.3 15.5

68 6.6 4.5 6.7



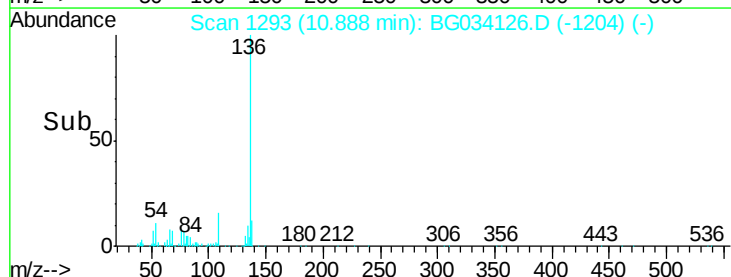
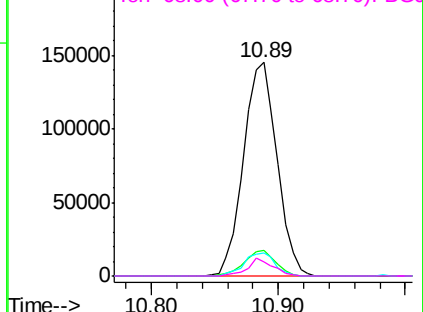
Abundance

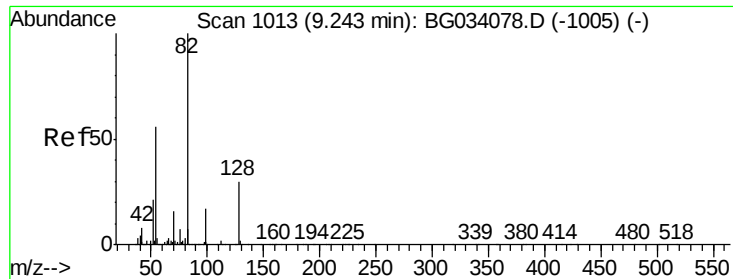
Ion 136.00 (135.70 to 136.70): BGC

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

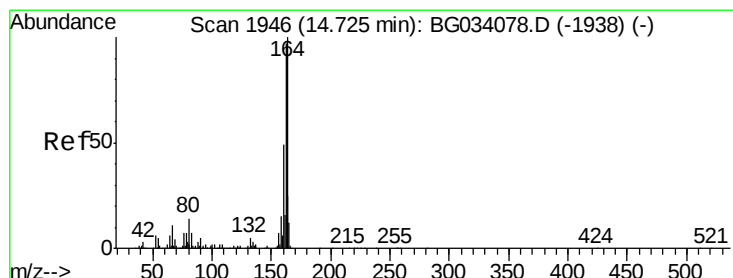
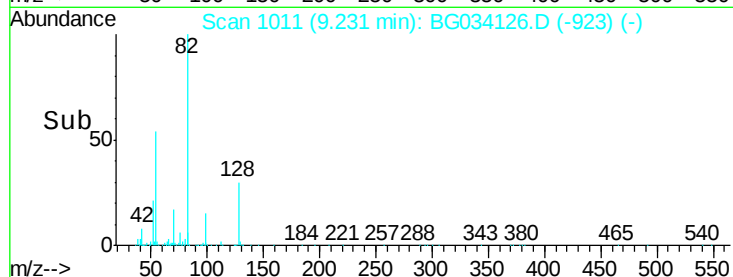
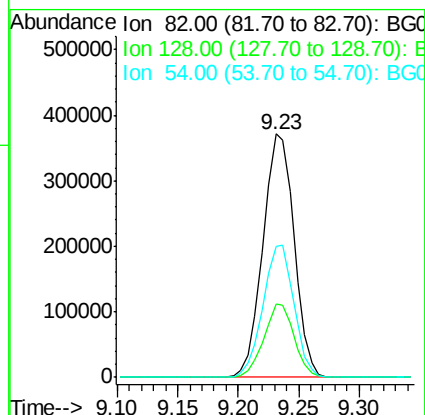
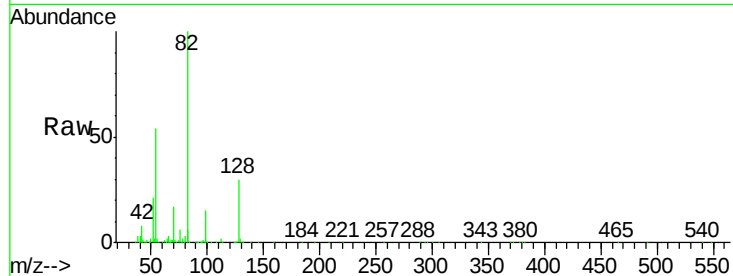




#23
Nitrobenzene-d5
Concen: 95.610 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

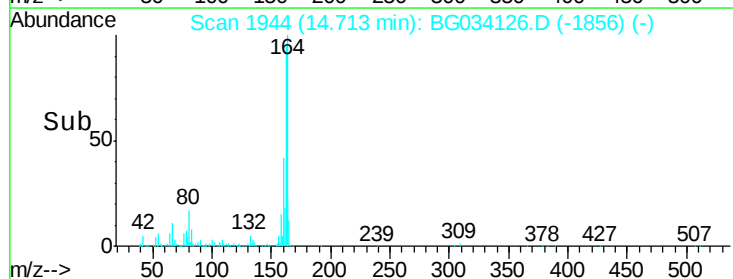
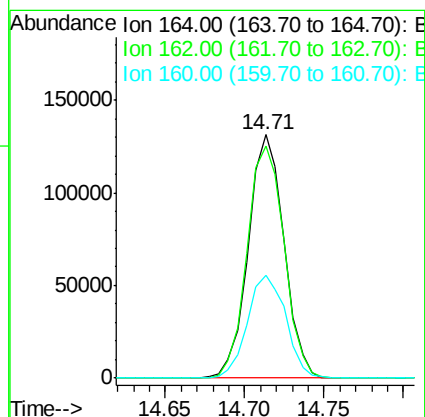
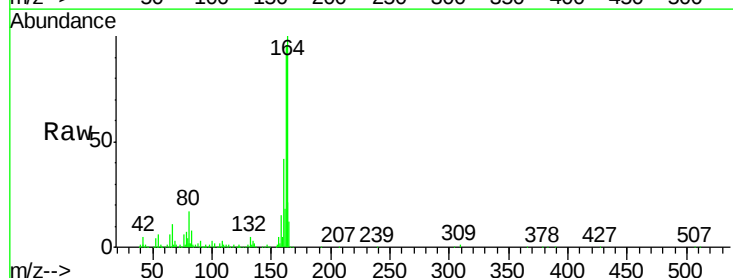
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-C

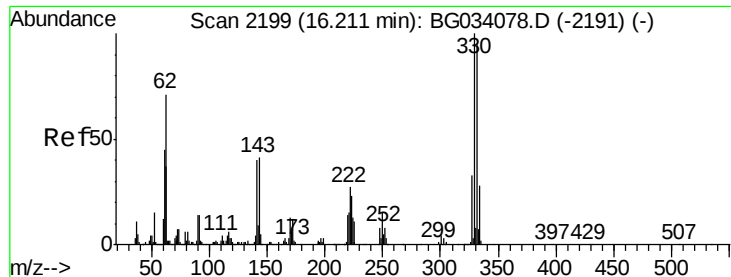
Tot Ion	82	Resp	663670
Ion Ratio	Lower	Upper	
82	100		
128	30.1	29.7	44.5
54	53.8	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

Tgt Ion	164	Resp	205174
Ion Ratio	Lower	Upper	
164	100		
162	95.5	78.8	118.2
160	42.4	35.4	53.0

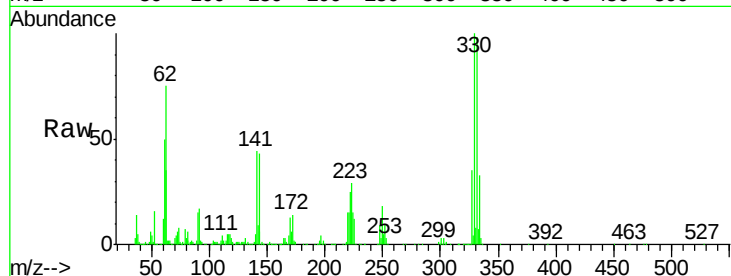




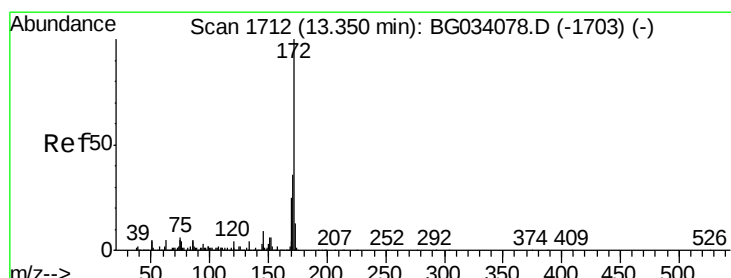
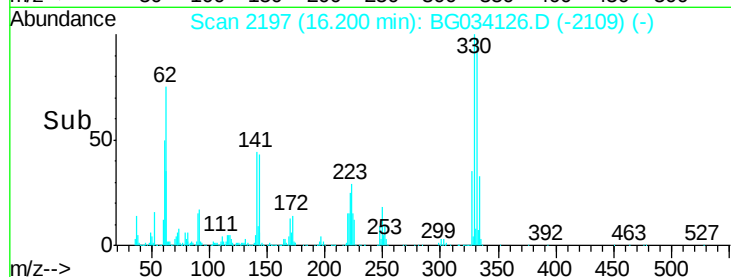
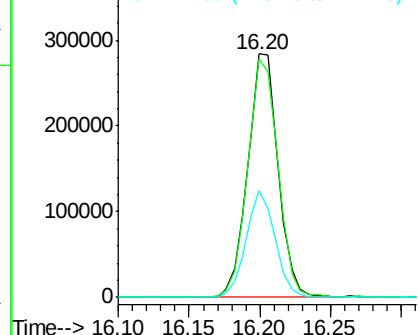
#41
 2,4,6-Tribromophenol
 Concen: 150.843 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG034126.D
 Acq: 2 May 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-C

Tot Ion:330 Resp: 428553
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 41.7 25.2 37.8#

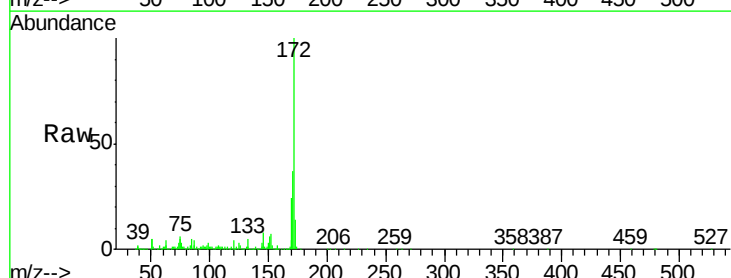


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

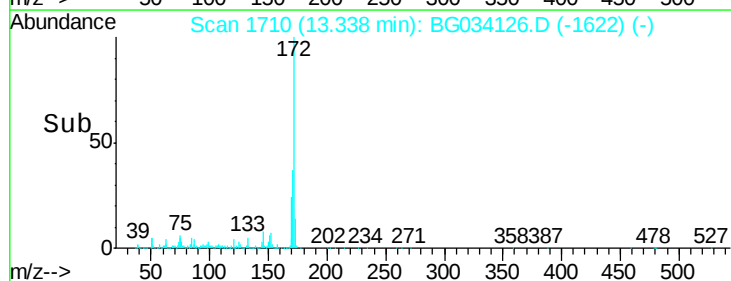
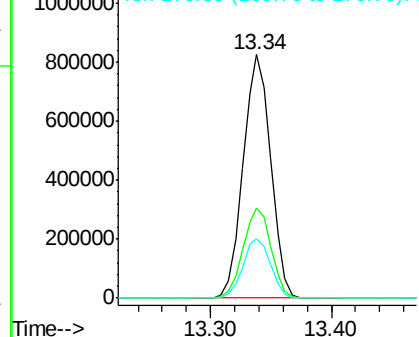


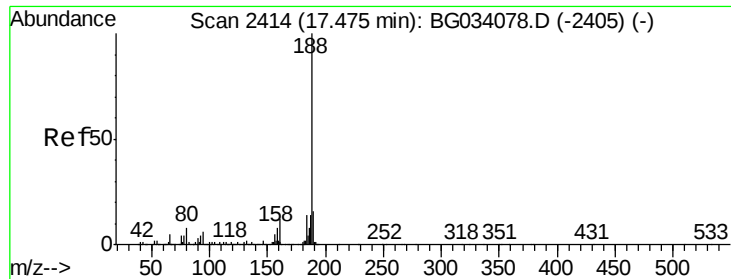
#44
 2-Fluorobiphenyl
 Concen: 93.117 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034126.D
 Acq: 2 May 2018 21:24

Tgt Ion:172 Resp: 1311126
 Ion Ratio Lower Upper
 172 100
 171 37.1 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

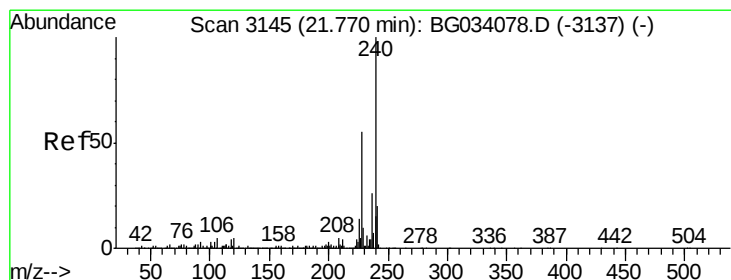
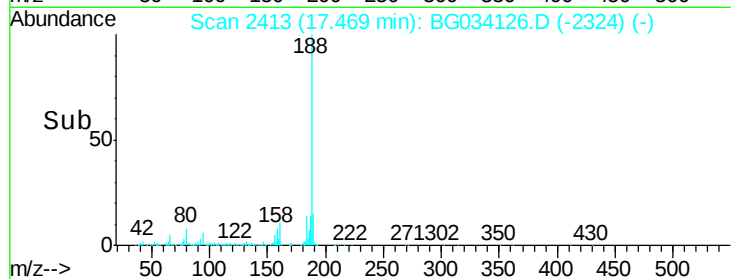
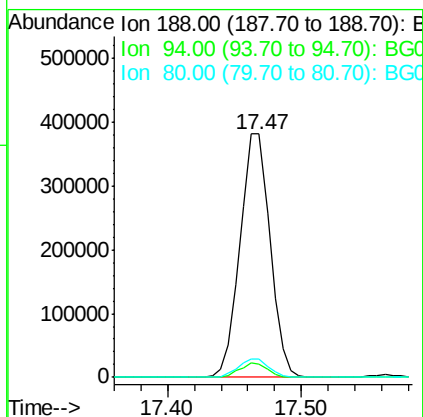
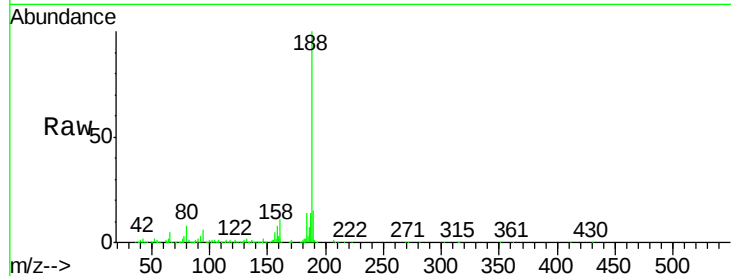




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

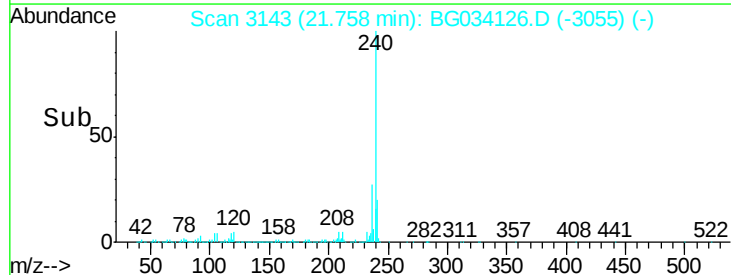
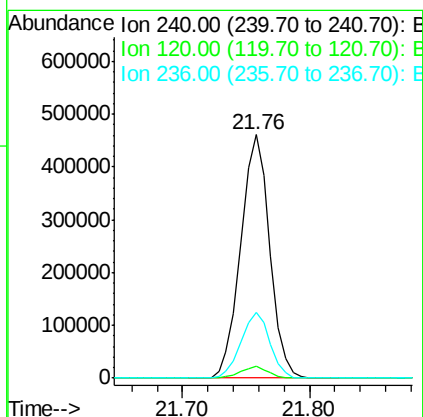
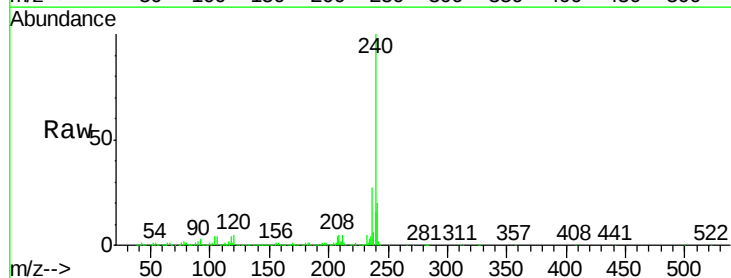
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-C

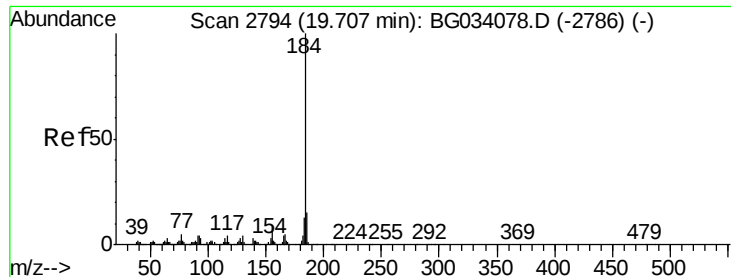
Tot Ion:188 Resp: 594547
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

Tgt Ion:240 Resp: 728110
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 27.0 20.9 31.3





#76

Benzidine

Concen: 11.947 ng

RT: 19.70 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-C

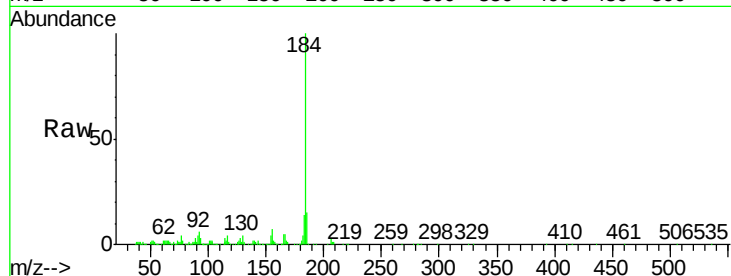
Tot Ion:184 Resp: 224077

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

183 14.0 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.70

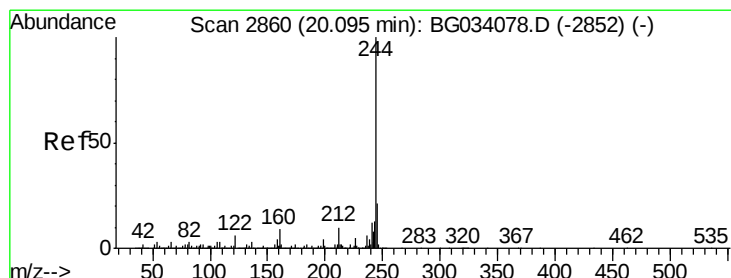
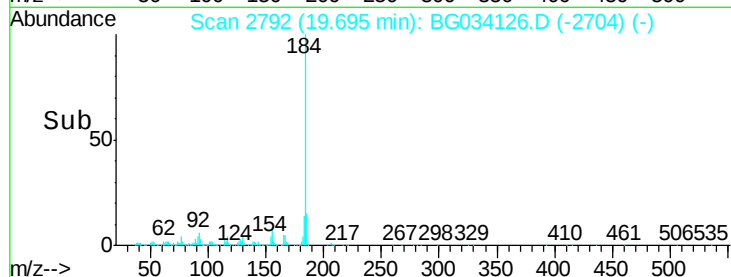
150000

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 86.023 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034126.D

Acq: 2 May 2018 21:24

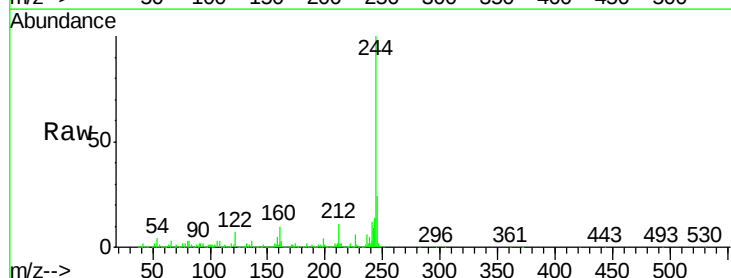
Tgt Ion:244 Resp: 2859143

Ion Ratio Lower Upper

244 100

212 11.0 5.8 8.8#

122 6.6 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

20.08

2500000

2000000

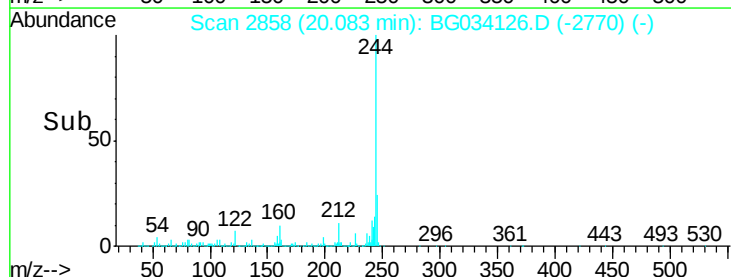
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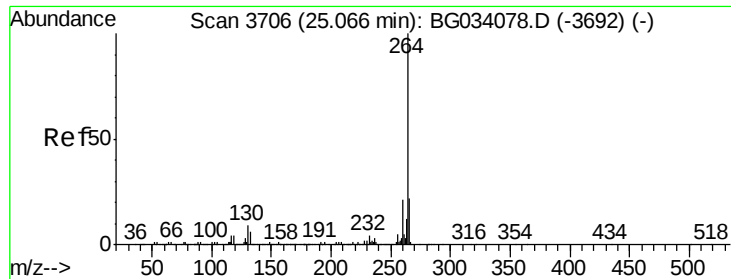
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Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG034126.D
Acq: 2 May 2018 21:24

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	17.4	26.0
265	20.1	17.7	26.5

