

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112917\
 Data File : BG031278.D
 Acq On : 29 Nov 2017 19:45
 Operator : SJ/JU
 Sample : I6304-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112817-B

Quant Time: Nov 30 04:08:07 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

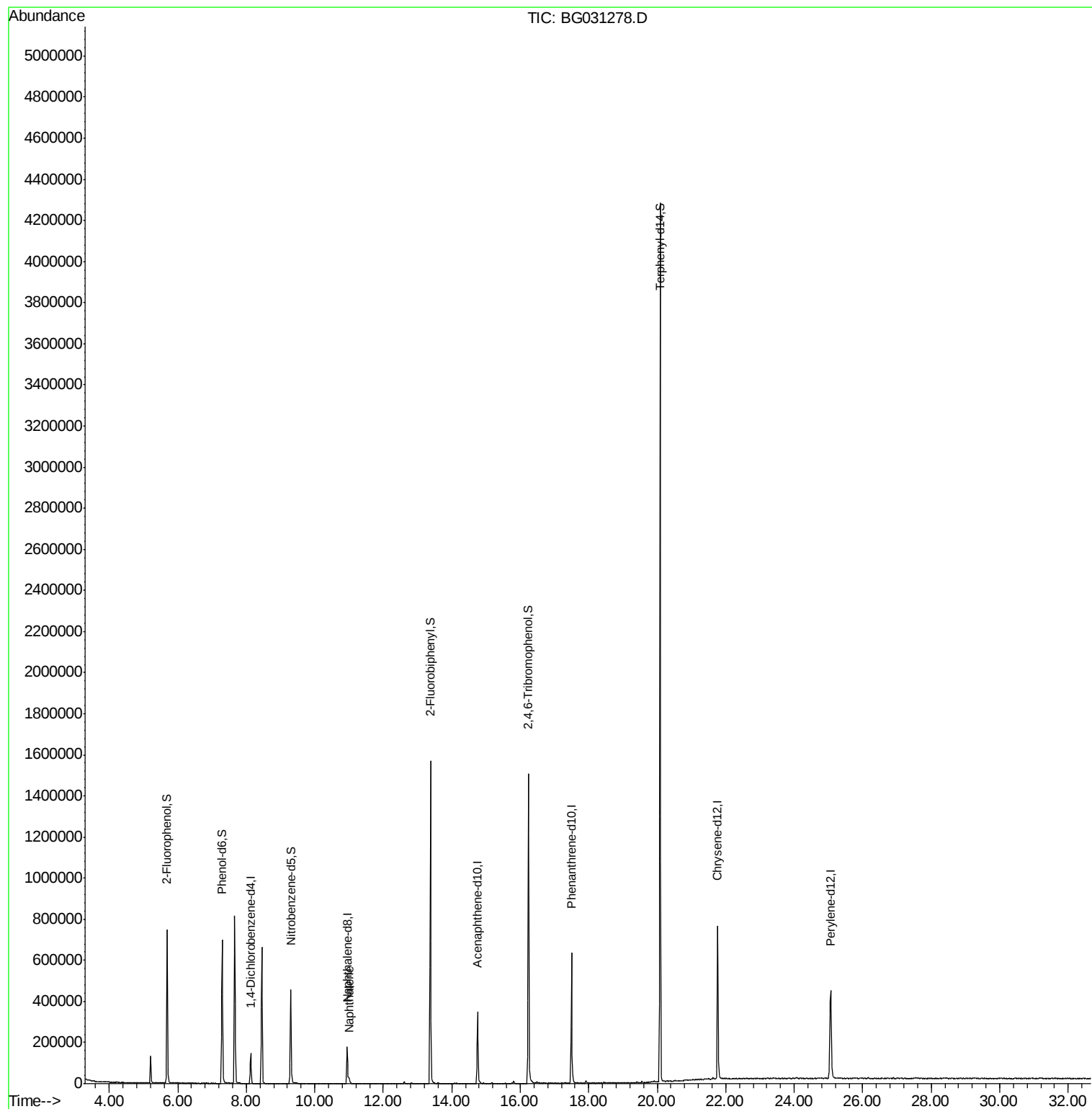
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45810	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	203888	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	139785	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	432033	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	523779	20.00	ng	-0.02
86) Perylene-d12	25.06	264	508324	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	388586	145.46	ng	-0.02
7) Phenol-d6	7.30	99	471163	130.91	ng	-0.01
23) Nitrobenzene-d5	9.30	82	312004	90.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	323216	142.94	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	959777	98.66	ng	-0.02
78) Terphenyl-d14	20.09	244	2186666	92.18	ng	-0.01
Target Compounds						
31) Naphthalene	11.00	128	26590	2.653	ng	Qvalue 98

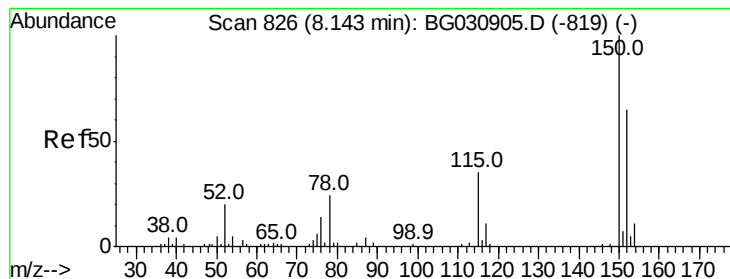
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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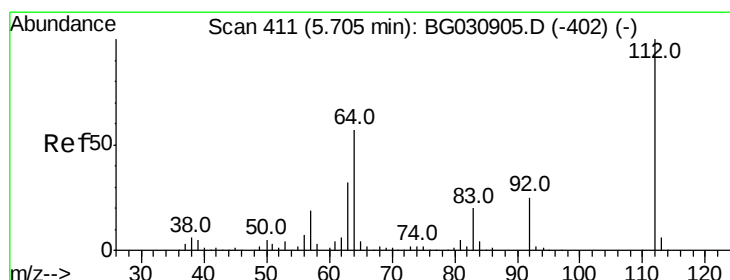
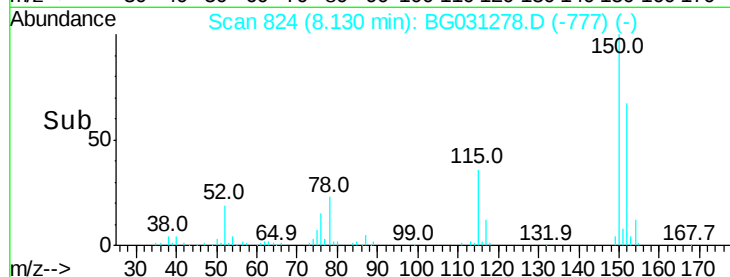
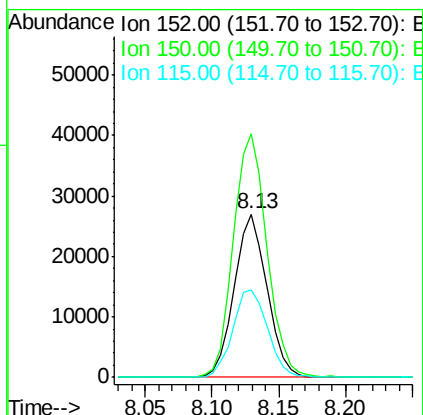
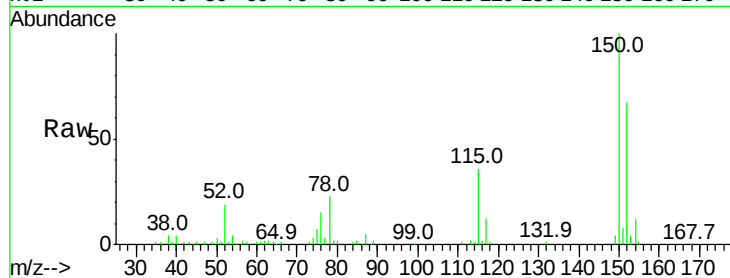


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031278.D
Acq: 29 Nov 2017 19:45

Instrument :
BNA_G
ClientSampleId :
CL-02-112817-B

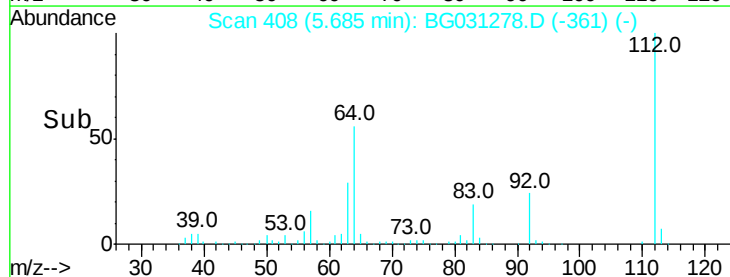
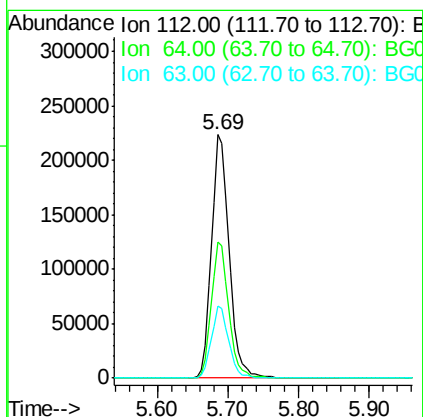
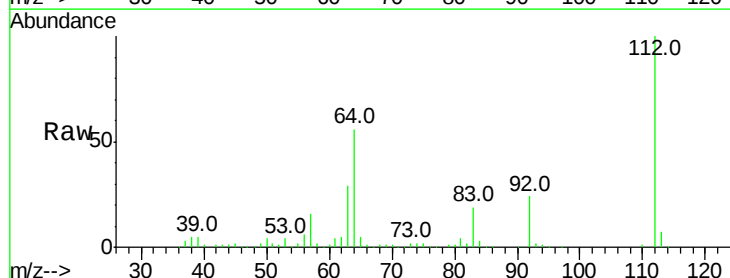
Tot Ion:152 Resp: 45810
Ion Ratio Lower Upper
152 100
150 149.4 126.6 189.8
115 53.4 53.0 79.4

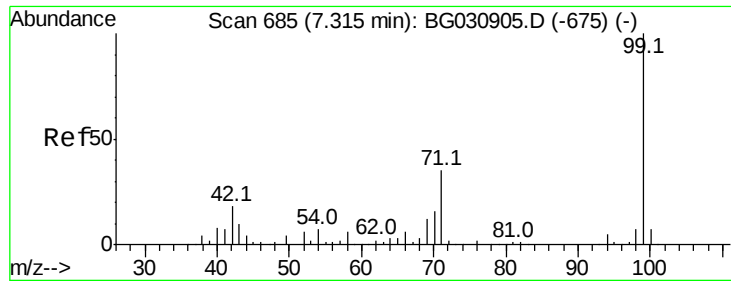


#5

2-Fluorophenol
Concen: 145.455 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031278.D
Acq: 29 Nov 2017 19:45

Tgt Ion:112 Resp: 388586
Ion Ratio Lower Upper
112 100
64 55.9 56.3 84.5#
63 29.5 30.1 45.1#





#7

Phenol-d6

Concen: 130.911 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

CL-02-112817-B

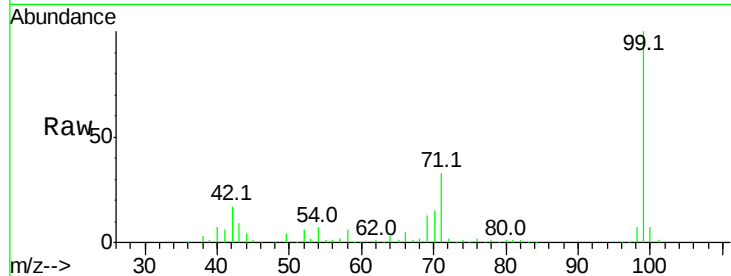
Tot Ion: 99 Resp: 471163

Ion Ratio Lower Upper

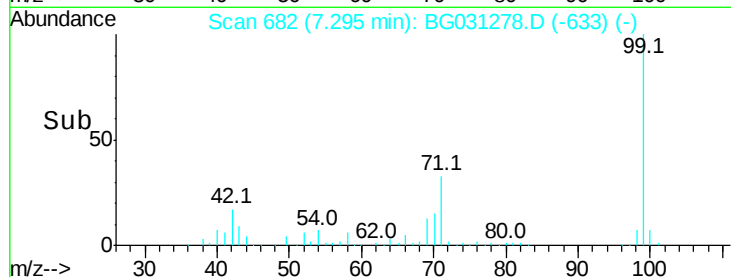
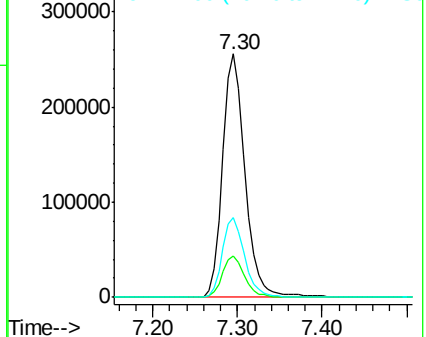
99 100

42 17.0 14.1 21.1

71 32.7 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: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Tgt Ion: 136 Resp: 203888

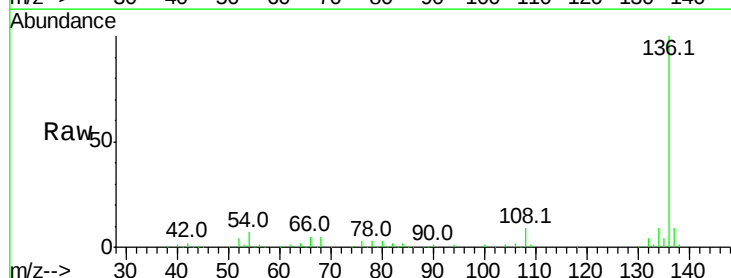
Ion Ratio Lower Upper

136 100

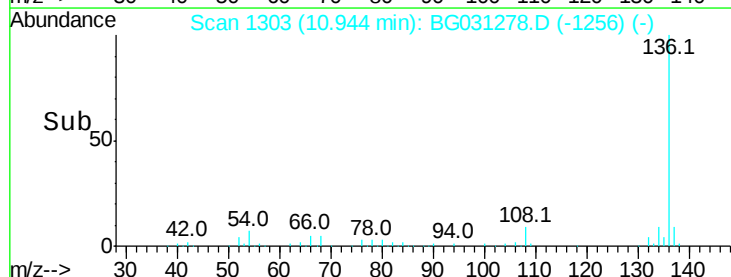
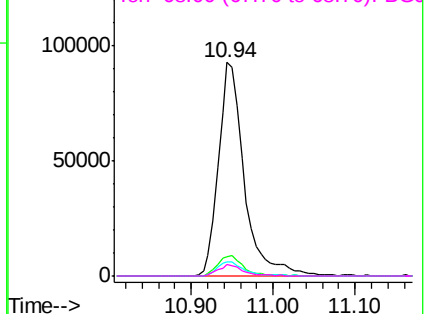
137 9.2 9.2 13.8

54 6.9 10.3 15.5#

68 5.2 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

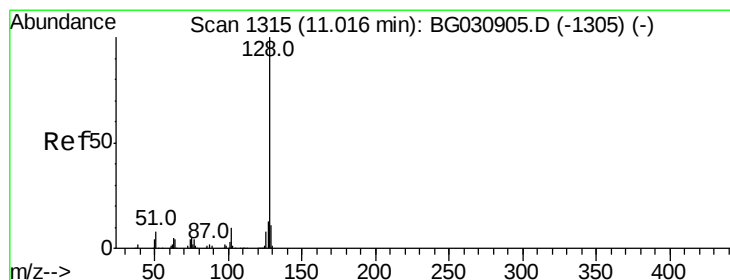
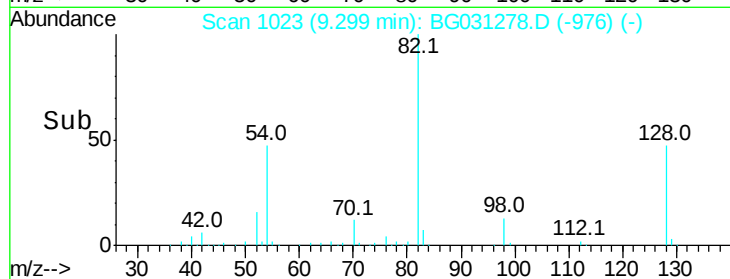
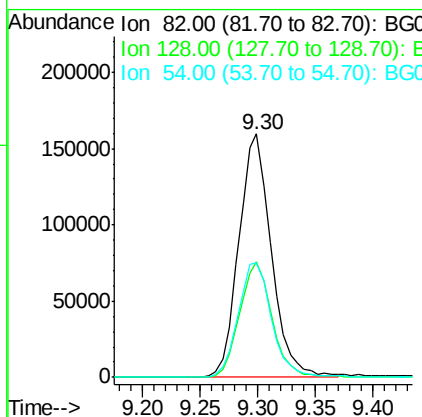
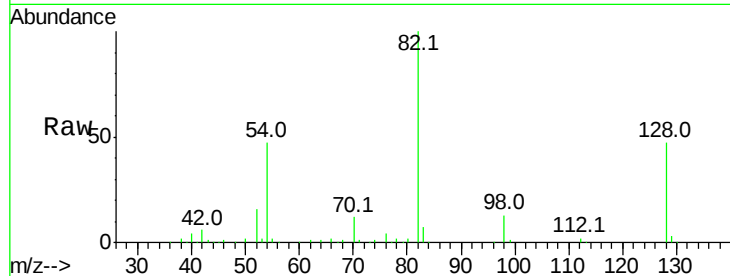




#23
 Nitrobenzene-d5
 Concen: 90.678 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031278.D
 Acq: 29 Nov 2017 19:45

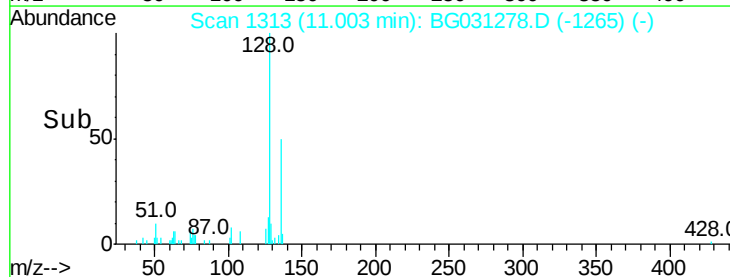
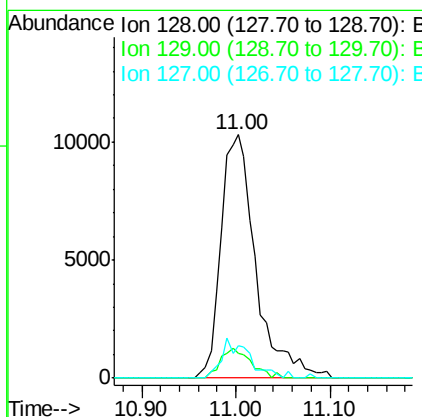
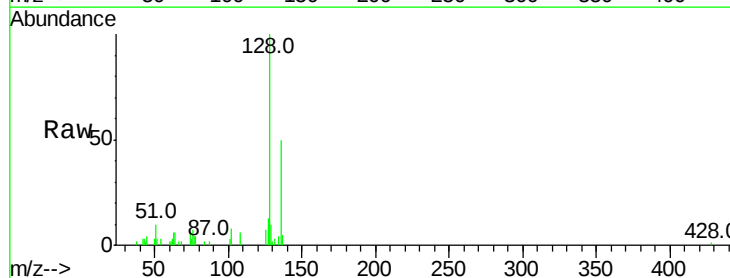
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112817-B

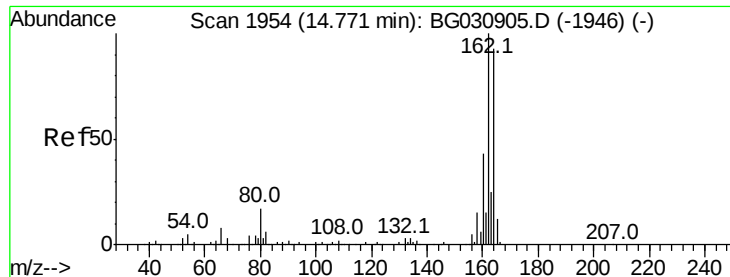
Tot Ion: 82 Resp: 312004
 Ion Ratio Lower Upper
 82 100
 128 47.4 29.7 44.5#
 54 47.1 43.1 64.7



#31
 Naphthalene
 Concen: 2.653 ng
 RT: 11.00 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BG031278.D
 Acq: 29 Nov 2017 19:45

Tgt Ion: 128 Resp: 26590
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.6 12.8
 127 13.2 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

CL-02-112817-B

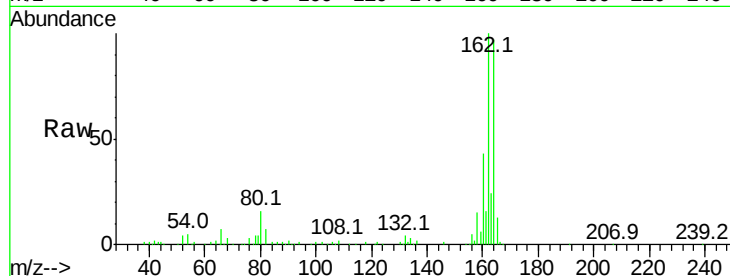
Tot Ion:164 Resp: 139785

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

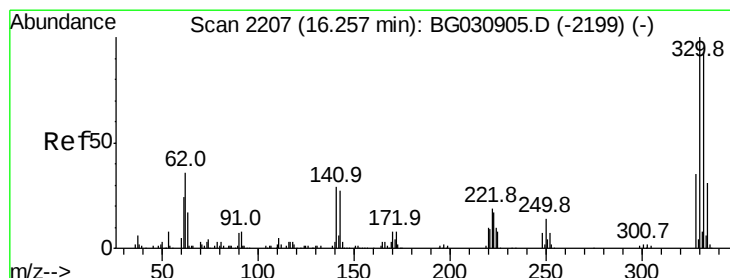
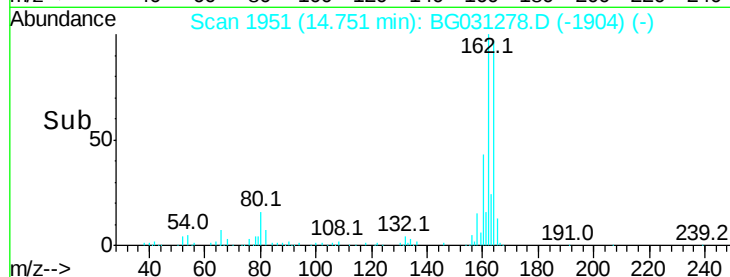
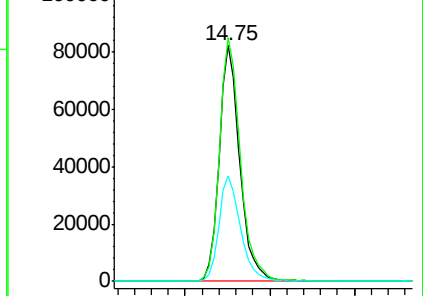
160 44.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 142.936 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

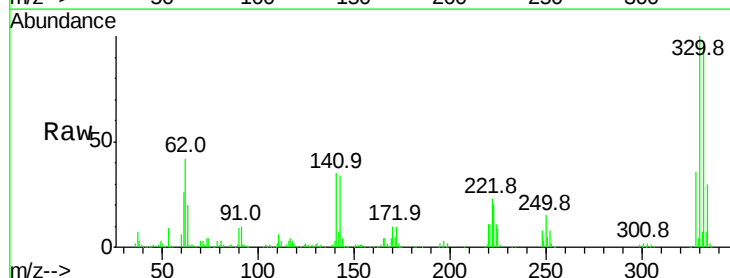
Tgt Ion:330 Resp: 323216

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

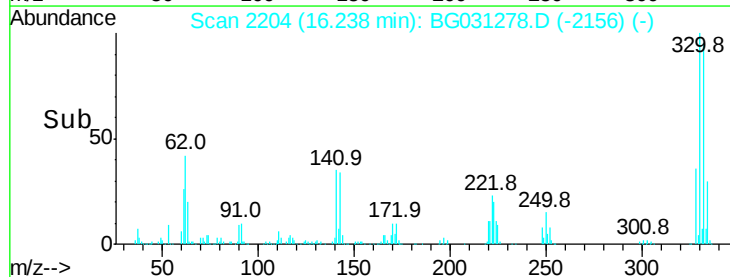
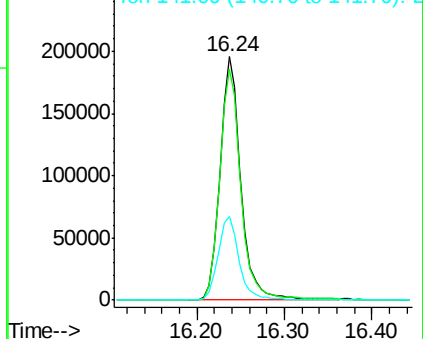
141 35.1 25.2 37.8

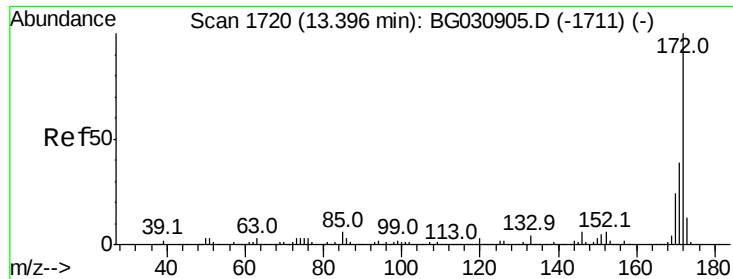


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

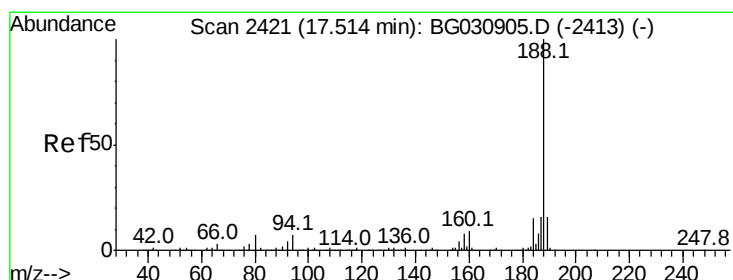
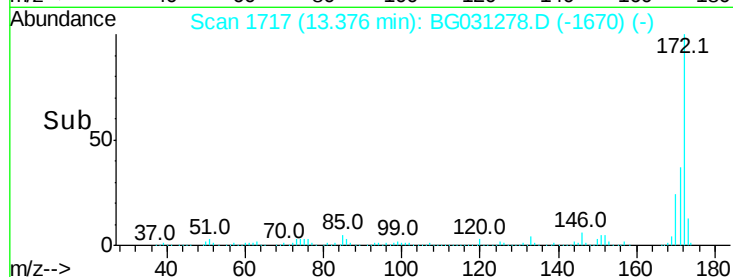
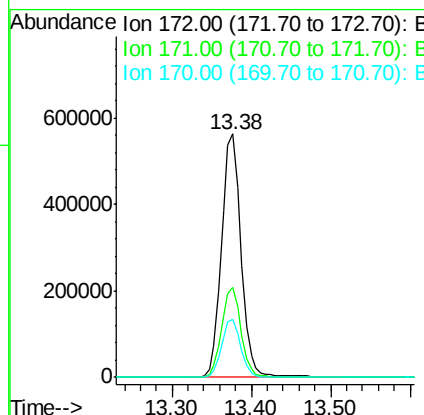
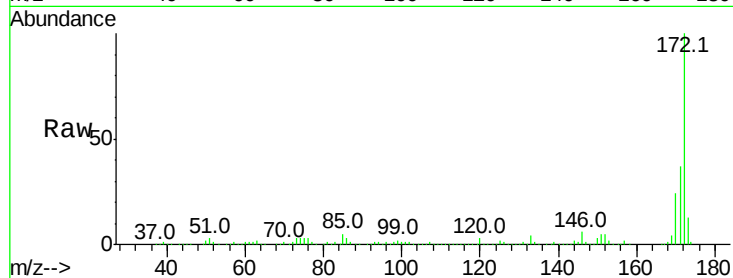




#44
 2-Fluorobiphenyl
 Concen: 98.658 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031278.D
 Acq: 29 Nov 2017 19:45

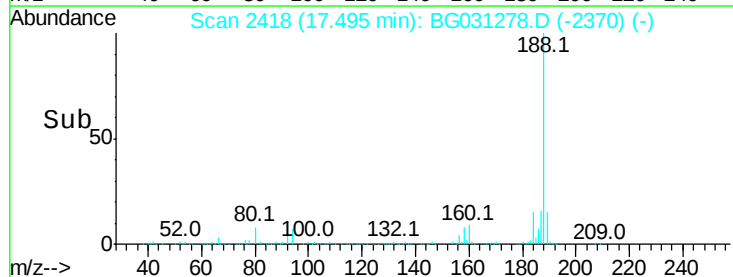
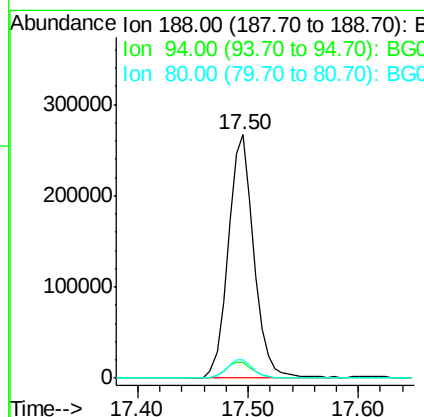
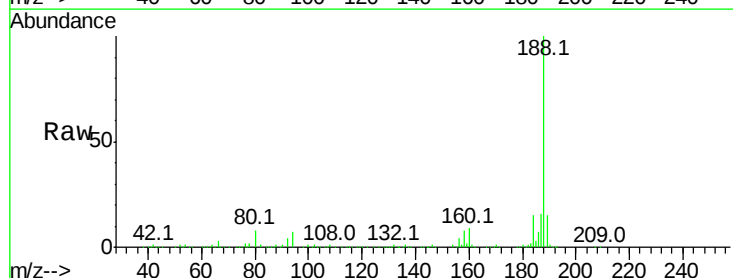
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 BNA_G
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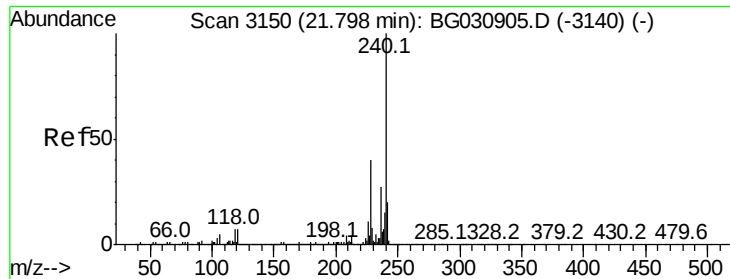
Tot Ion:172 Resp: 959777
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031278.D
 Acq: 29 Nov 2017 19:45

Tgt Ion:188 Resp: 432033
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.7 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

CL-02-112817-B

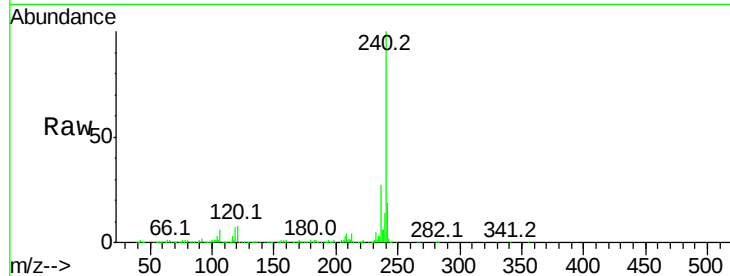
Tot Ion:240 Resp: 523779

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

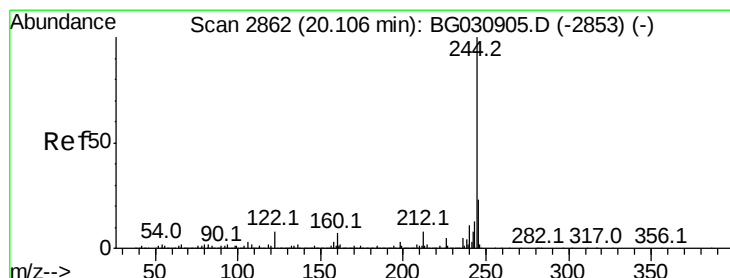
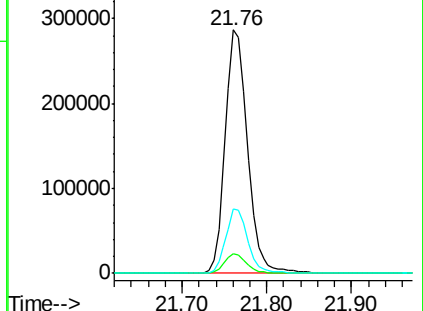
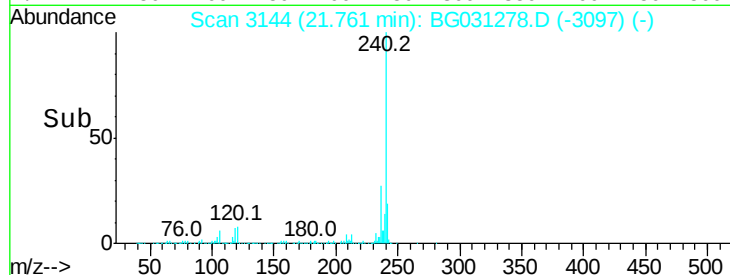
236 26.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 92.183 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031278.D

Acq: 29 Nov 2017 19:45

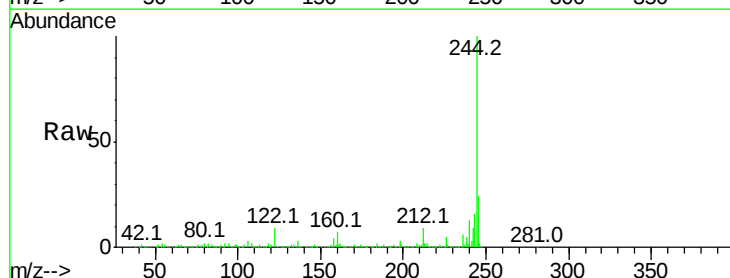
Tgt Ion:244 Resp: 2186666

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

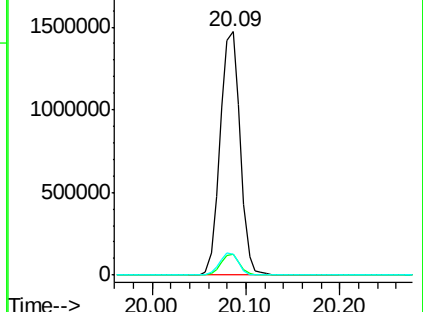
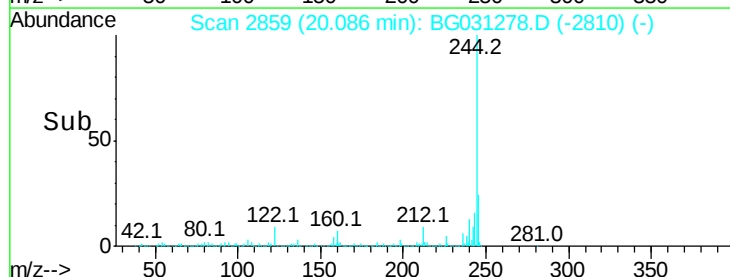
122 8.7 7.0 10.4



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.8	17.7	26.5

