

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
 Data File : BG027860.D
 Acq On : 5 Jul 2017 23:06
 Operator : SJ/JU
 Sample : I4053-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070317-A

Quant Time: Jul 06 01:01:33 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	28035	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	123183	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	72695	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	225516	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	215460	20.00	ng	-0.03
86) Perylene-d12	25.73	264	41929	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	215462	118.35	ng	-0.03
7) Phenol-d6	7.59	99	252130	90.65	ng	-0.02
23) Nitrobenzene-d5	9.62	82	193366	87.50	ng	-0.03
41) 2,4,6-Tribromophenol	16.52	330	223273	223.92	ng	-0.03
44) 2-Fluorobiphenyl	13.66	172	526140	103.37	ng	-0.03
78) Terphenyl-d14	20.37	244	1152872	125.44	ng	-0.02

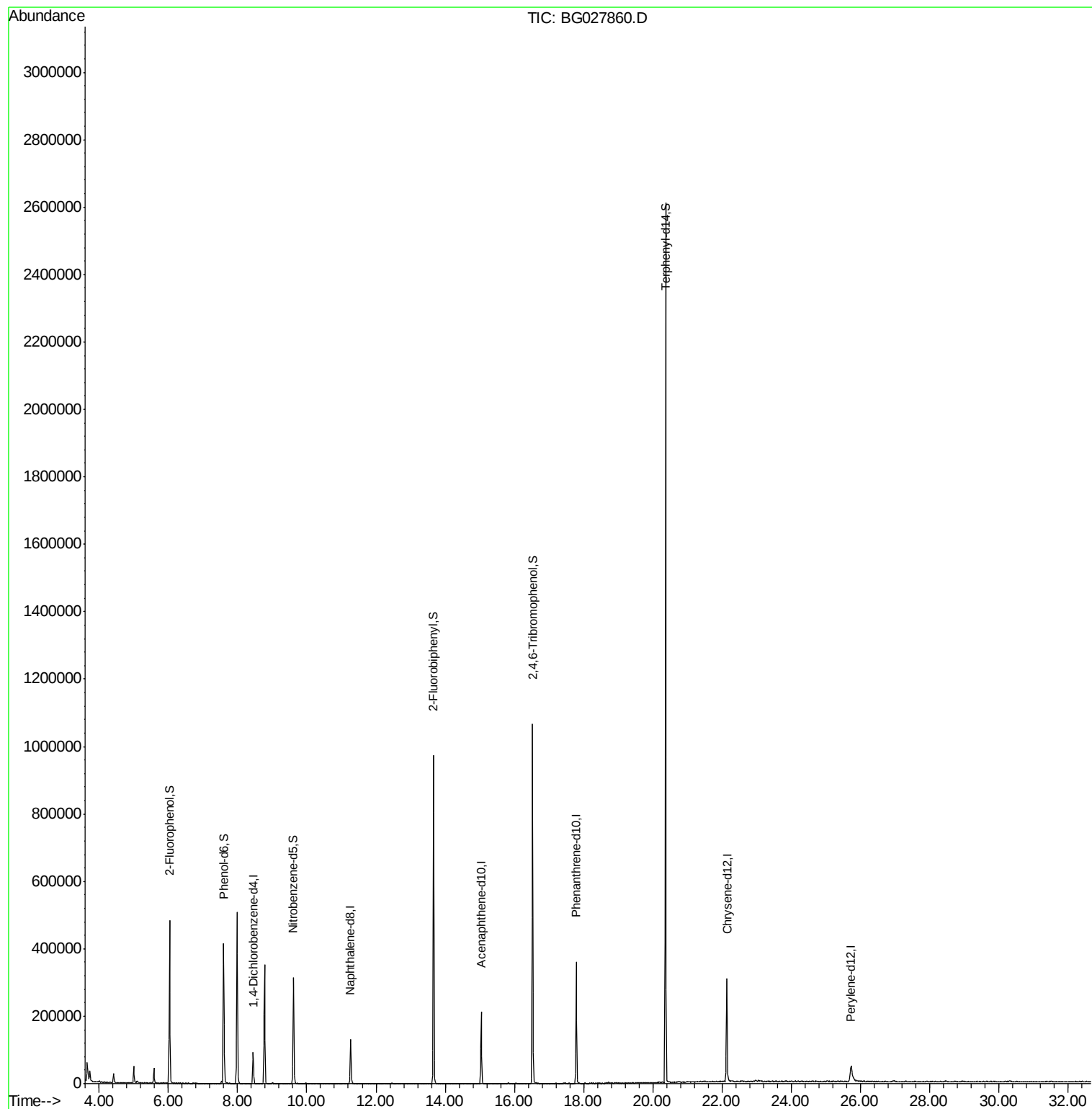
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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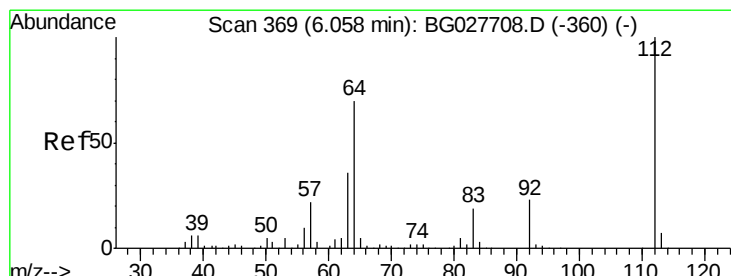
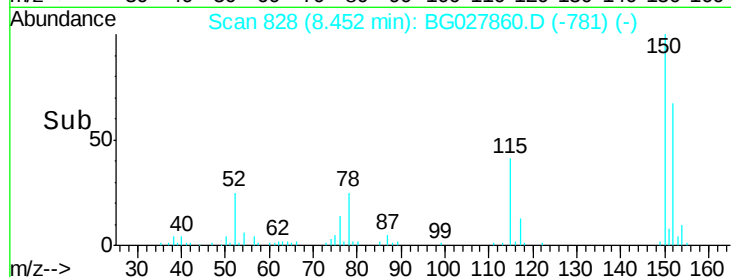
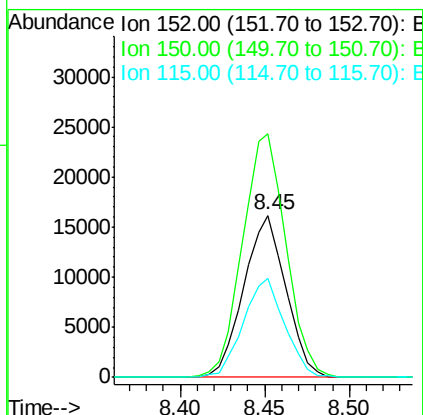
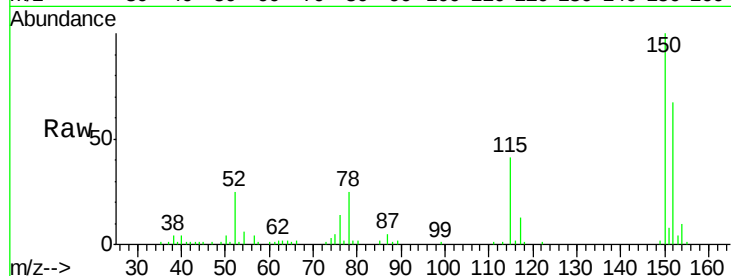


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027860.D
Acq: 5 Jul 2017 23:06

Instrument :
BNA_G
ClientSampleId :
CL-02-070317-A

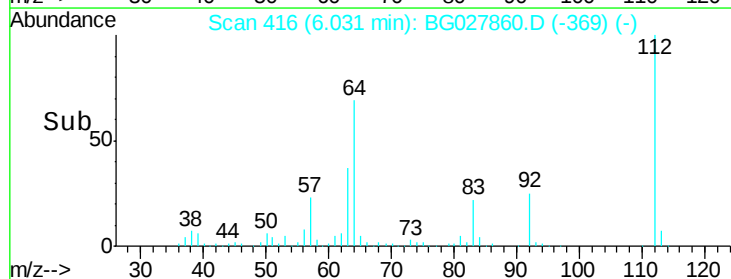
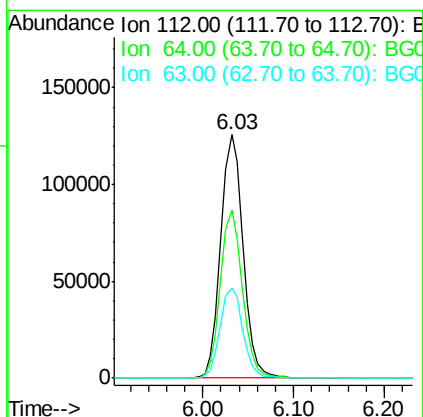
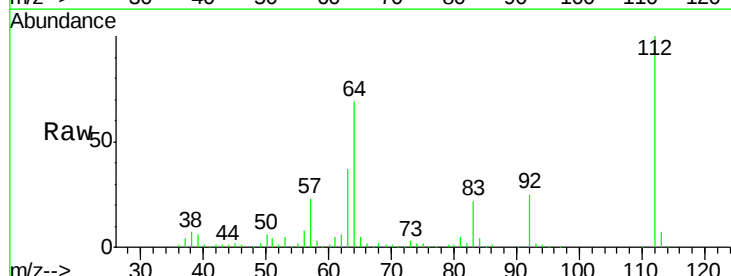
Tgt Ion:152 Resp: 28035
Ion Ratio Lower Upper
152 100
150 150.2 114.0 171.0
115 60.9 48.1 72.1

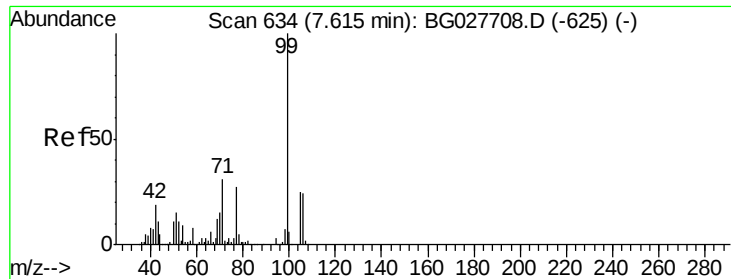


#5

2-Fluorophenol
Concen: 118.349 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.03 min
Lab File: BG027860.D
Acq: 5 Jul 2017 23:06

Tgt Ion:112 Resp: 215462
Ion Ratio Lower Upper
112 100
64 69.0 61.8 92.6
63 36.8 37.2 55.8#





#7

Phenol-d6

Concen: 90.653 ng

RT: 7.59 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027860.D

Acq: 5 Jul 2017 23:06

Instrument :

BNA_G

ClientSampleId :

CL-02-070317-A

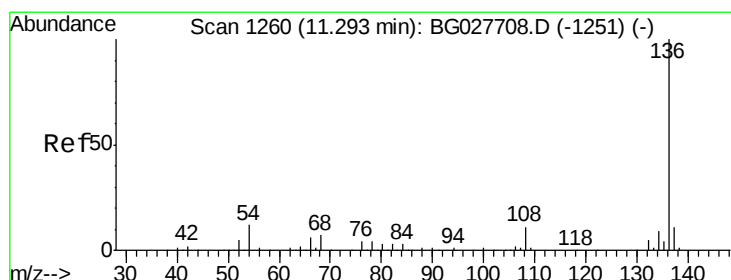
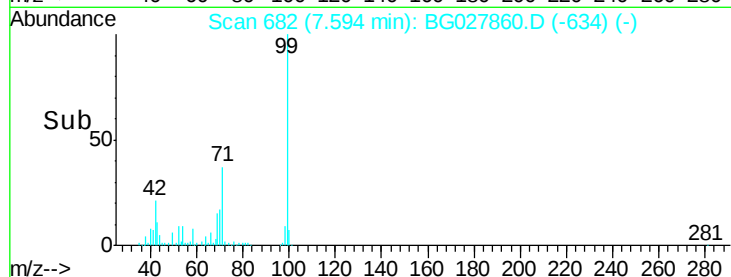
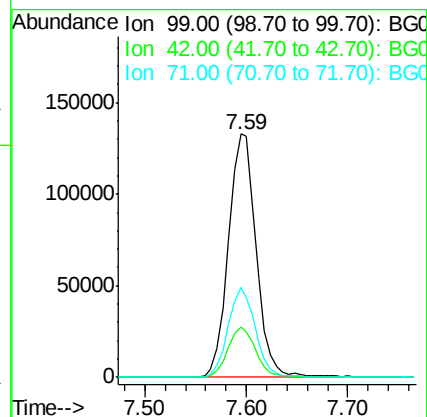
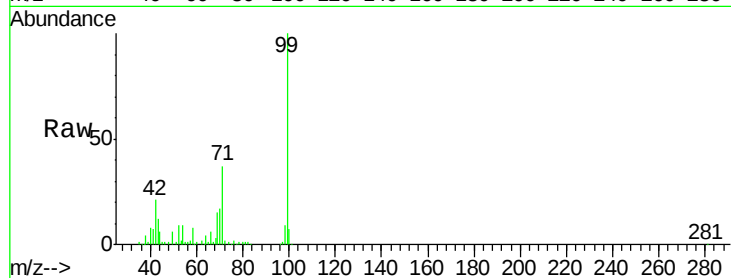
Tgt Ion: 99 Resp: 252130

Ion Ratio Lower Upper

99 100

42 20.8 20.5 30.7

71 37.0 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027860.D

Acq: 5 Jul 2017 23:06

Tgt Ion: 136 Resp: 123183

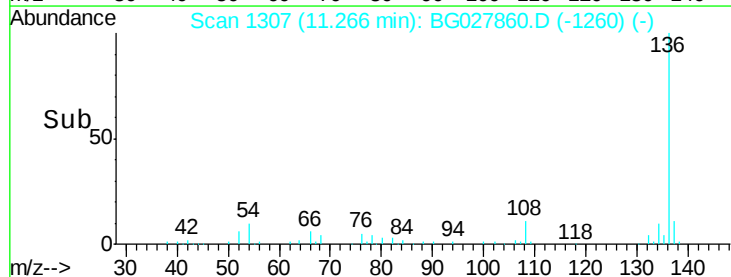
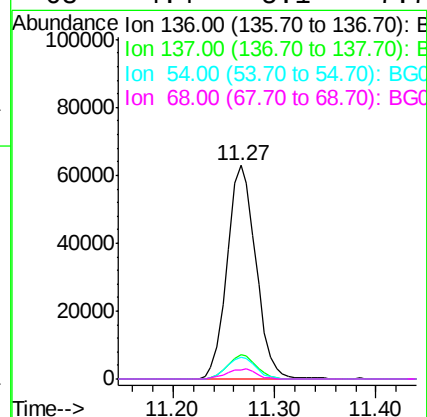
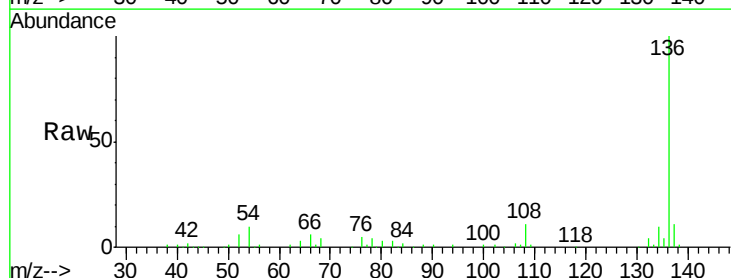
Ion Ratio Lower Upper

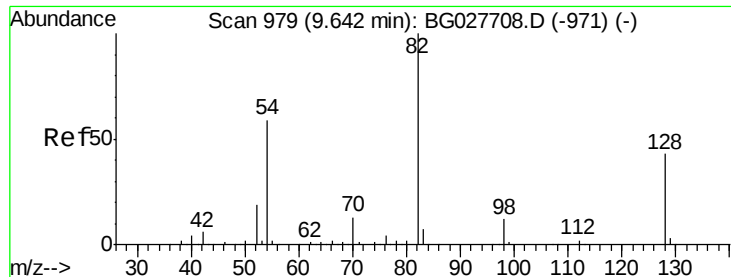
136 100

137 11.3 8.9 13.3

54 10.0 9.3 13.9

68 4.4 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 87.499 ng

RT: 9.62 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG027860.D

Acq: 5 Jul 2017 23:06

Instrument :

BNA_G

ClientSampleId :

CL-02-070317-A

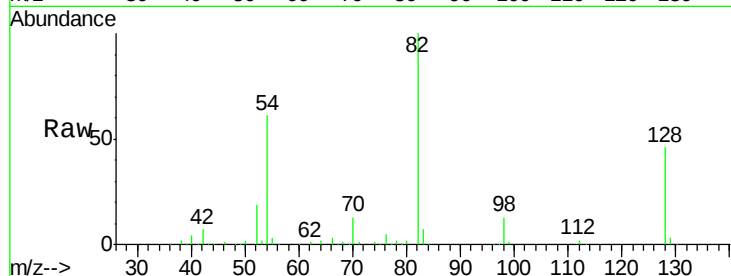
Tgt Ion: 82 Resp: 193366

Ion Ratio Lower Upper

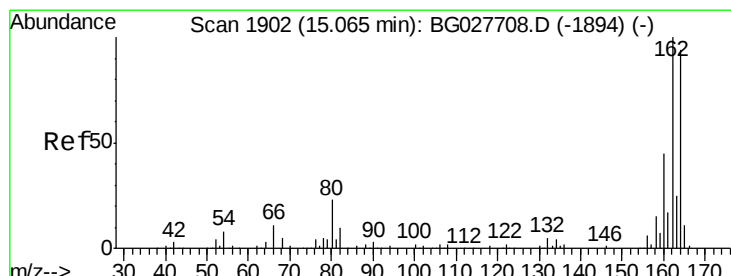
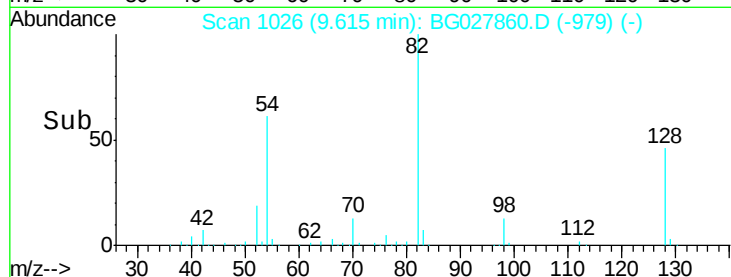
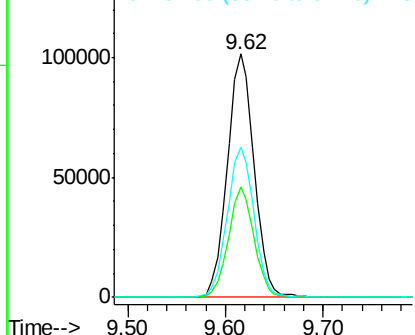
82 100

128 45.6 26.4 39.6#

54 61.4 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.04 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BG027860.D

Acq: 5 Jul 2017 23:06

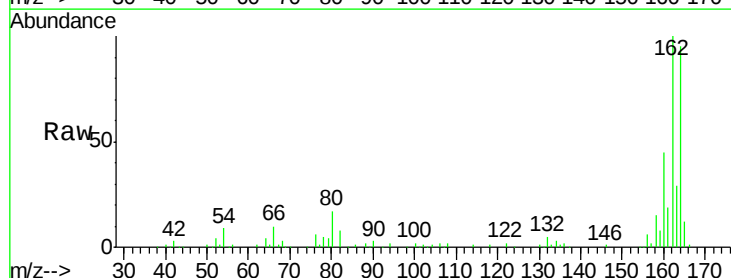
Tgt Ion: 164 Resp: 72695

Ion Ratio Lower Upper

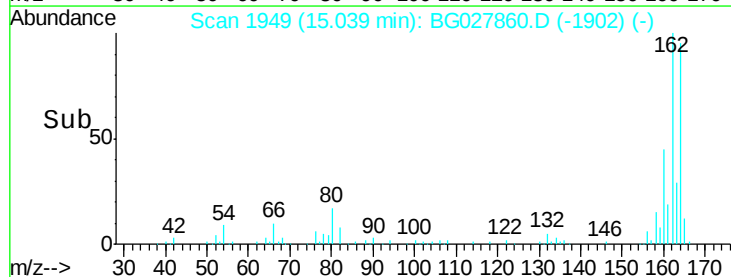
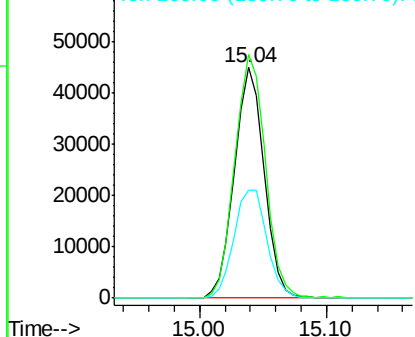
164 100

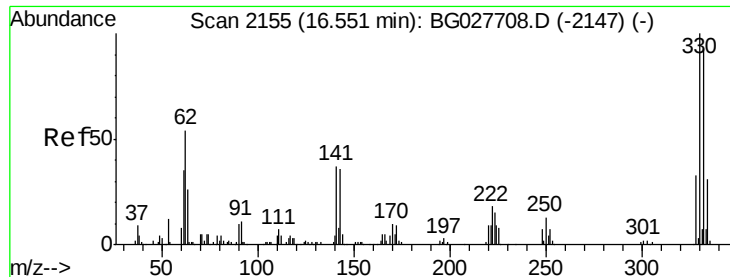
162 105.7 85.1 127.7

160 47.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

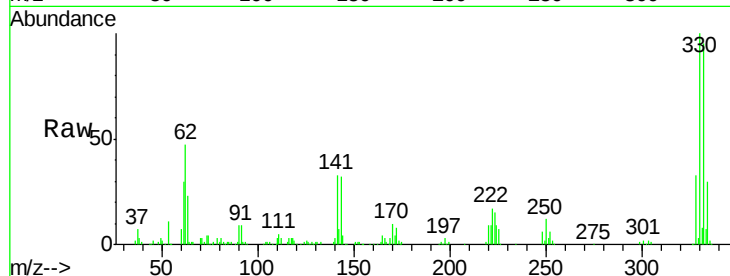




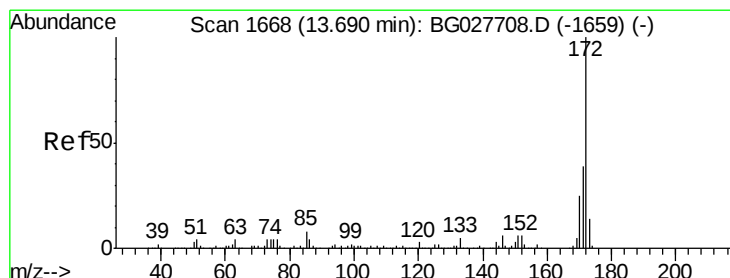
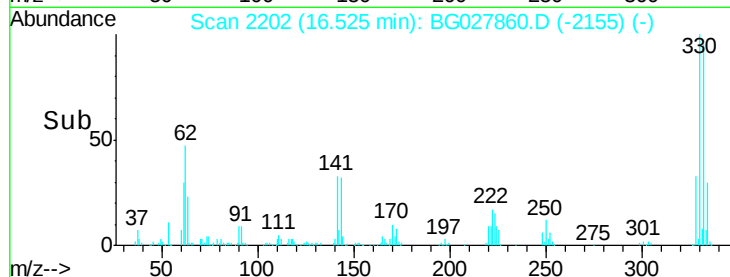
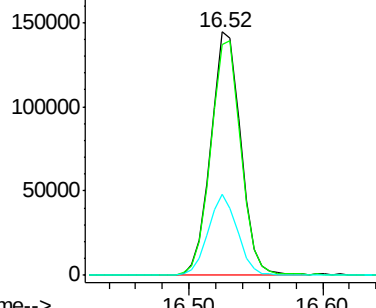
#41
 2,4,6-Tribromophenol
 Concen: 223.924 ng
 RT: 16.52 min Scan# 2202
 Delta R.T. -0.03 min
 Lab File: BG027860.D
 Acq: 5 Jul 2017 23:06

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 CL-02-070317-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	32.9	32.1	48.1

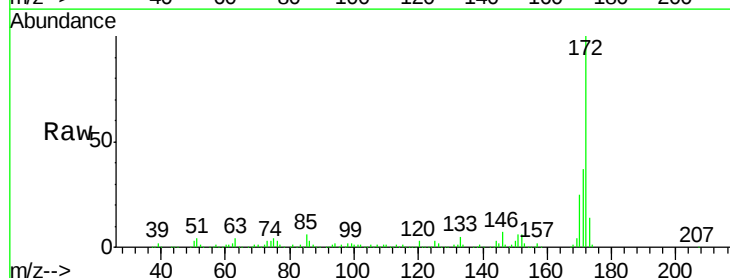


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

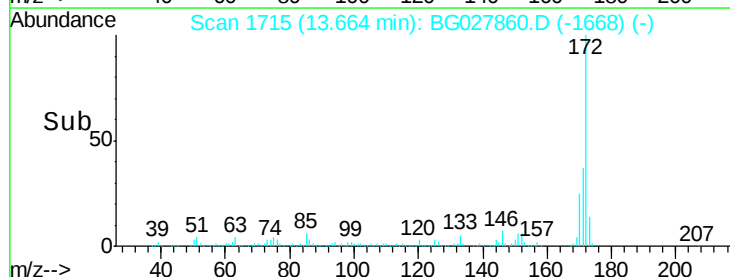
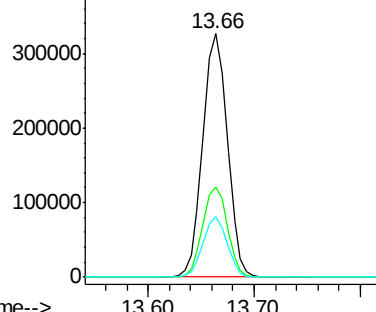


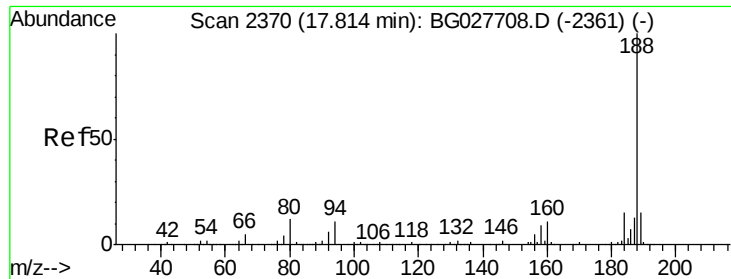
#44
 2-Fluorobiphenyl
 Concen: 103.366 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027860.D
 Acq: 5 Jul 2017 23:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	32.2	48.2
170	24.7	21.8	32.6



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: 17.79 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027860.D

Acq: 5 Jul 2017 23:06

Instrument :

BNA_G

ClientSampleId :

CL-02-070317-A

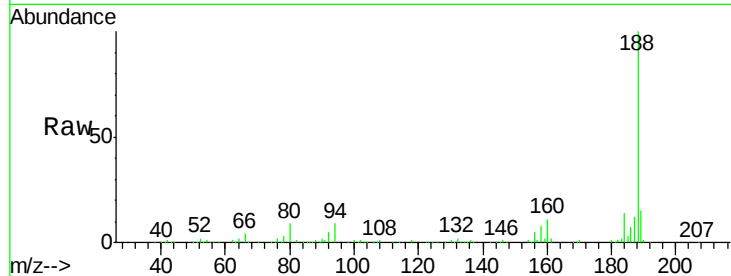
Tgt Ion:188 Resp: 225516

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

80 9.4 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.79

150000

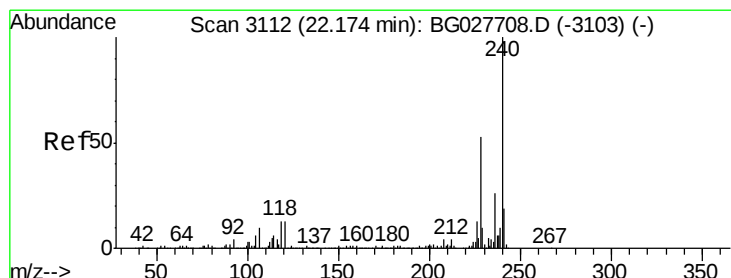
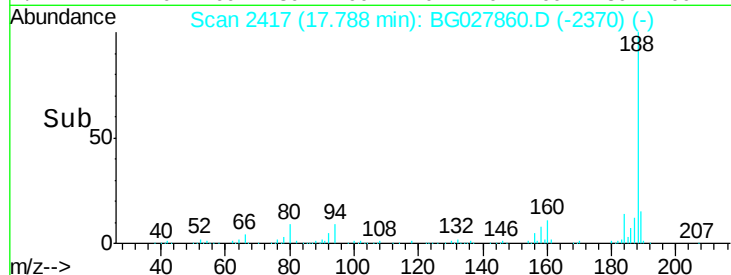
100000

50000

0

17.70 17.80 17.90

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.14 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG027860.D

Acq: 5 Jul 2017 23:06

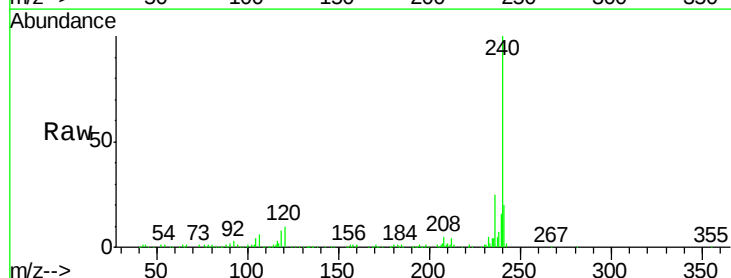
Tgt Ion:240 Resp: 215460

Ion Ratio Lower Upper

240 100

120 9.8 5.7 8.5#

236 25.1 22.2 33.4



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

22.14

150000

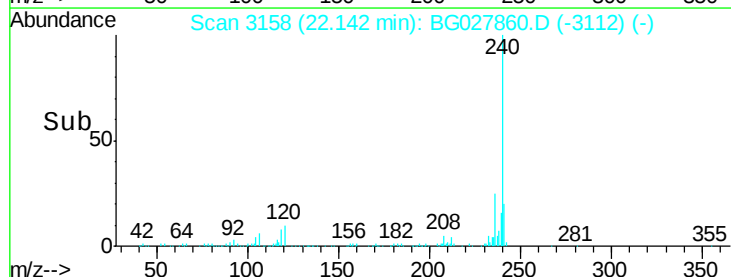
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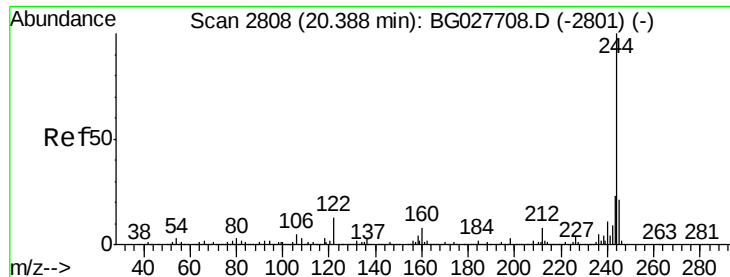
50000

0

22.00 22.10 22.20 22.30

Time-->

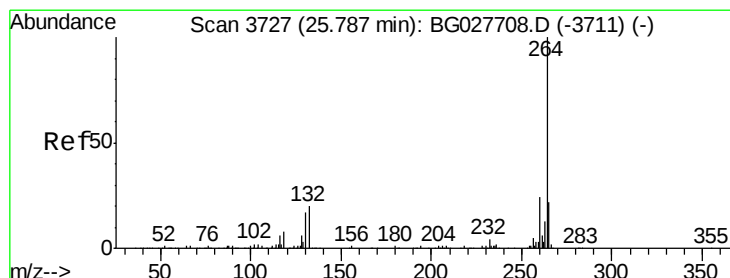
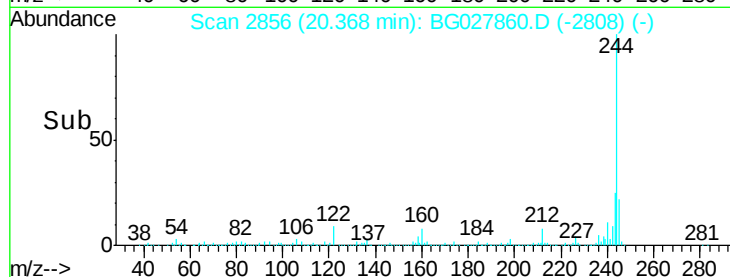
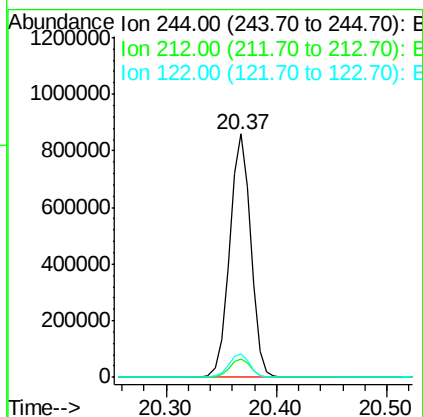
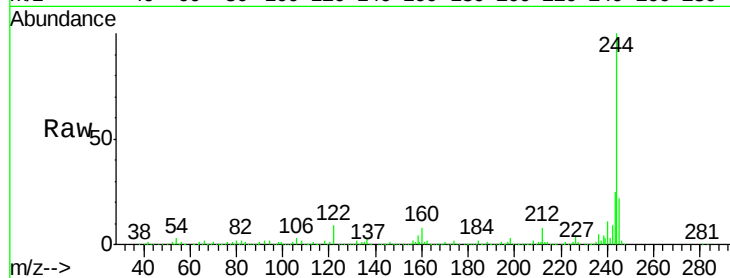




#78
 Terphenyl-d14
 Concen: 125.441 ng
 RT: 20.37 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG027860.D
 Acq: 5 Jul 2017 23:06

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070317-A

Tgt Ion:244 Resp: 1152872
 Ion Ratio Lower Upper
 244 100
 212 7.5 10.0 15.0#
 122 9.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.73 min Scan# 3768
 Delta R.T. -0.06 min
 Lab File: BG027860.D
 Acq: 5 Jul 2017 23:06

Tgt Ion:264 Resp: 41929
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.8
 265 22.8 18.2 27.4

