

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
 Data File : BG027861.D
 Acq On : 5 Jul 2017 23:46
 Operator : SJ/JU
 Sample : I4053-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 06 01:01:45 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	26428	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	121685	20.00	ng	-0.03
38) Acenaphthene-d10	15.04	164	76720	20.00	ng	-0.03
63) Phenanthrene-d10	17.79	188	220218	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	227459	20.00	ng	-0.04
86) Perylene-d12	25.72	264	119861	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	234882	136.86	ng	-0.03
7) Phenol-d6	7.59	99	297375	113.42	ng	-0.02
23) Nitrobenzene-d5	9.62	82	196839	90.17	ng	-0.03
41) 2,4,6-Tribromophenol	16.52	330	221774	210.75	ng	-0.03
44) 2-Fluorobiphenyl	13.66	172	520126	96.82	ng	-0.03
78) Terphenyl-d14	20.37	244	1153798	118.92	ng	-0.02

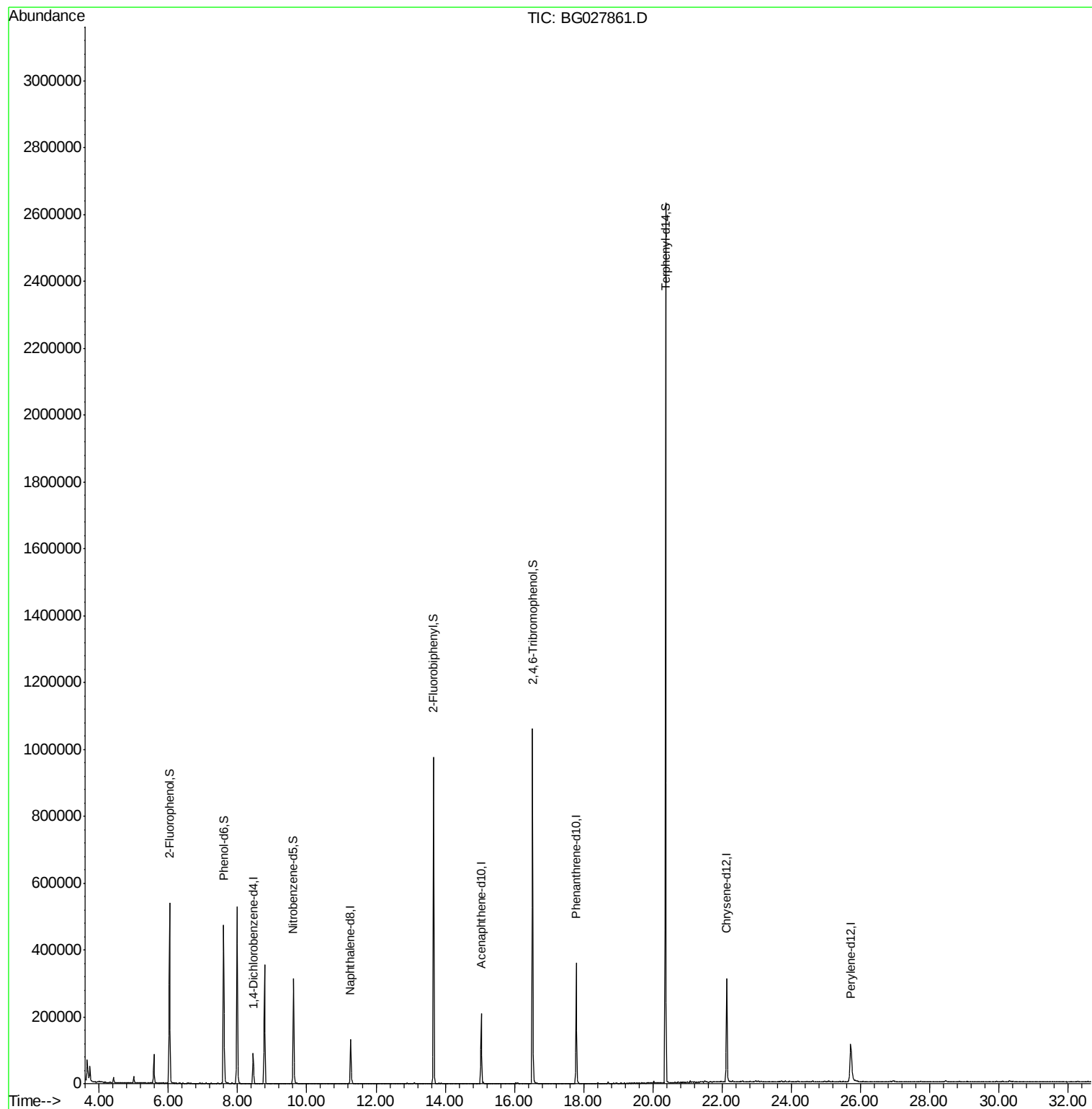
Target Compounds	Qvalue
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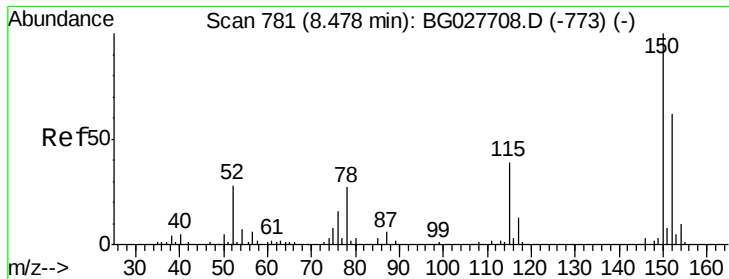
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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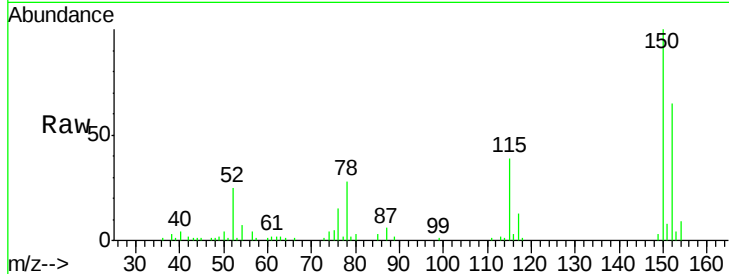




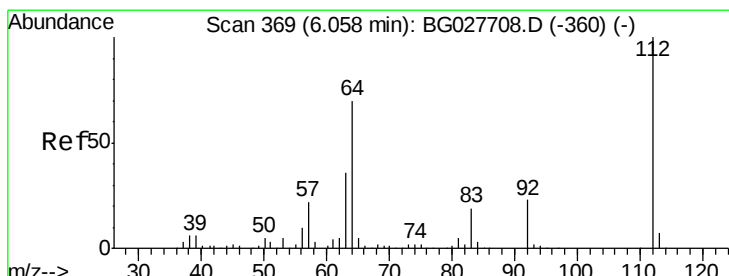
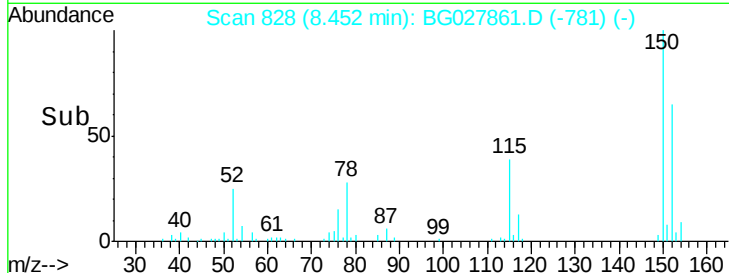
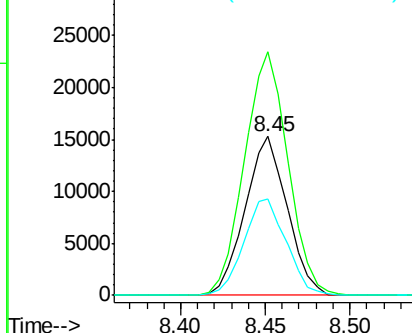
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.45 min Scan# 828
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

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

Tgt Ion:152 Resp: 26428
 Ion Ratio Lower Upper
 152 100
 150 153.5 114.0 171.0
 115 60.5 48.1 72.1

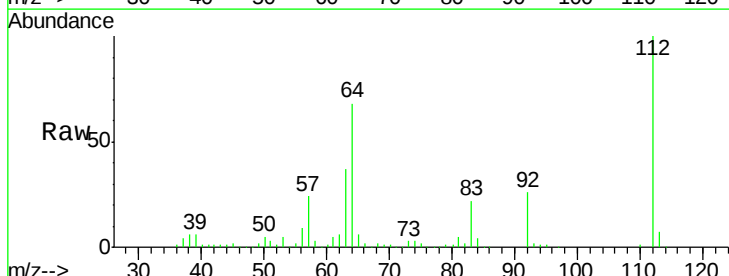


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

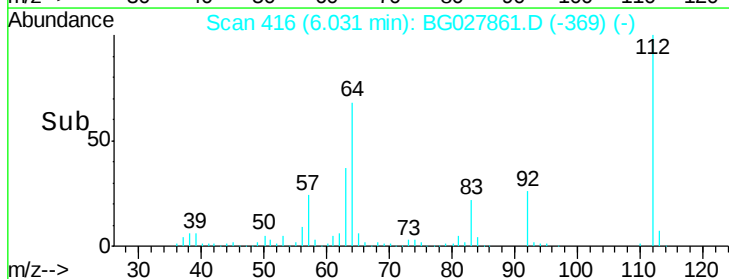
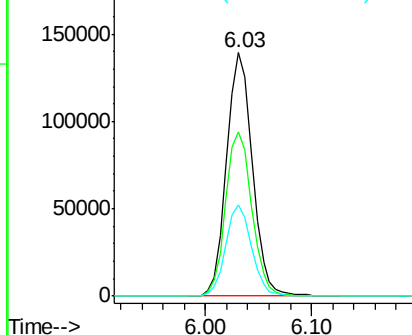


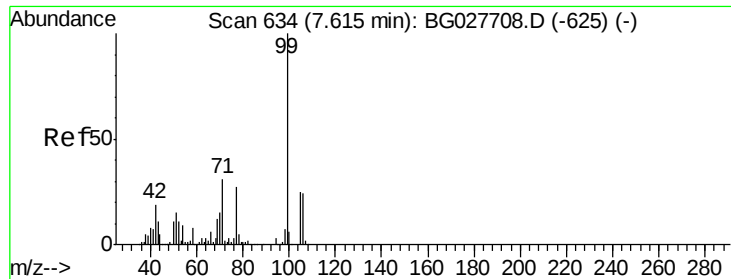
#5
 2-Fluorophenol
 Concen: 136.861 ng
 RT: 6.03 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

Tgt Ion:112 Resp: 234882
 Ion Ratio Lower Upper
 112 100
 64 67.7 61.8 92.6
 63 37.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.422 ng

RT: 7.59 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

Instrument :

BNA_G

ClientSampleId :

CL-02-070317-B

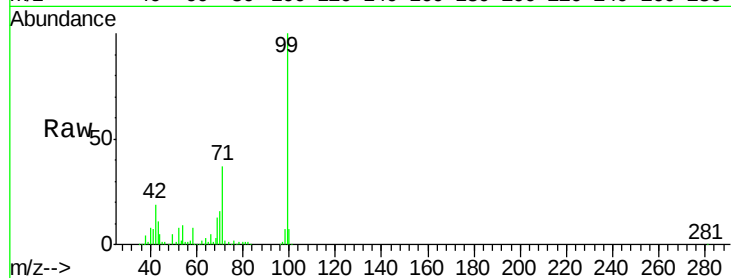
Tgt Ion: 99 Resp: 297375

Ion Ratio Lower Upper

99 100

42 19.5 20.5 30.7#

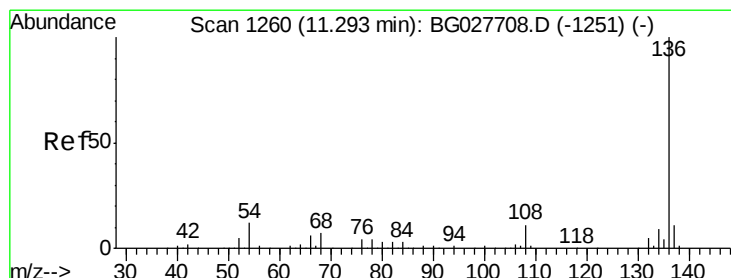
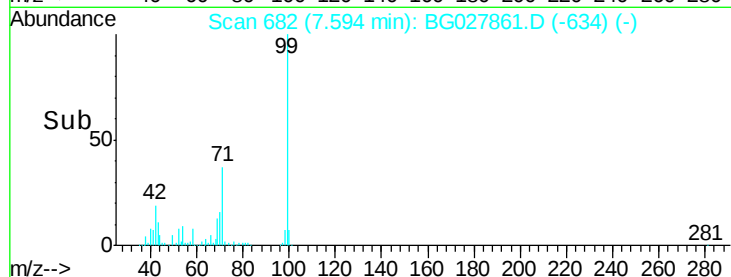
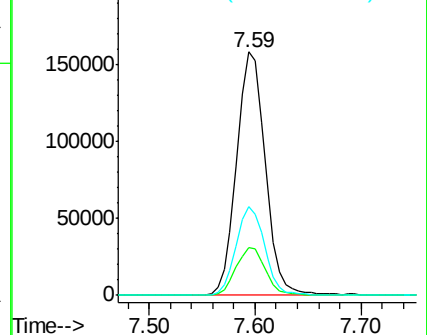
71 36.6 37.6 56.4#



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: 11.27 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

Tgt Ion: 136 Resp: 121685

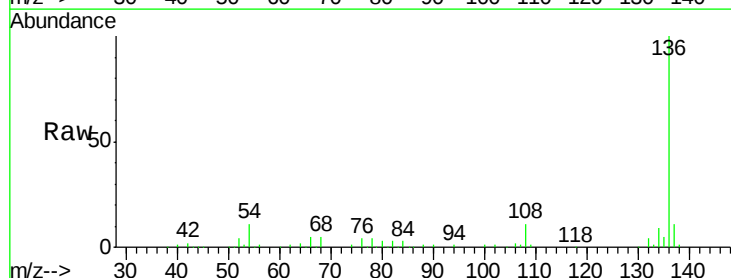
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.7 9.3 13.9

68 4.9 5.1 7.7#

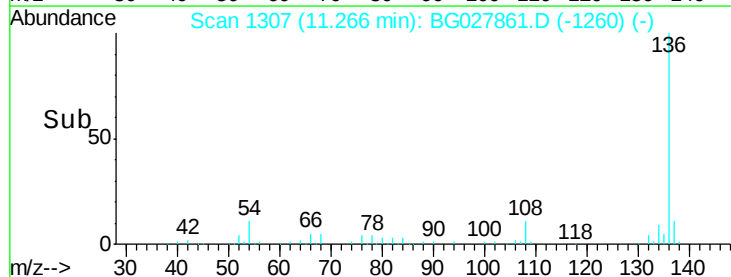
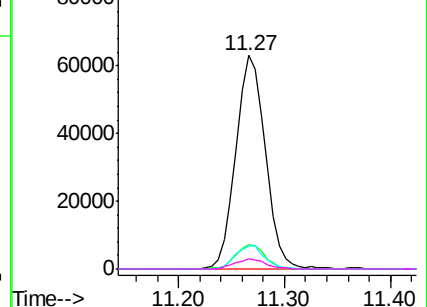


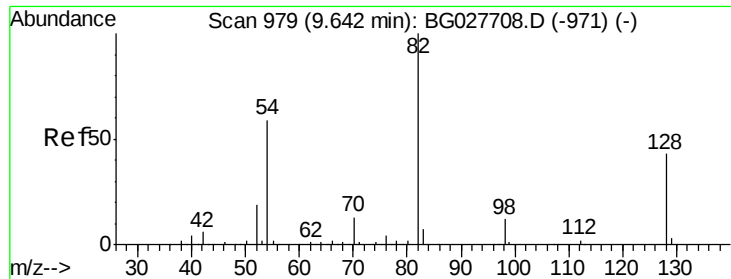
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

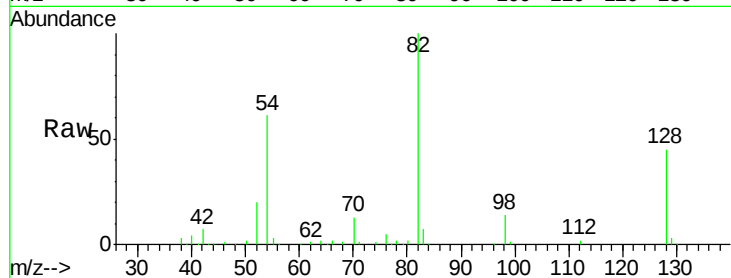




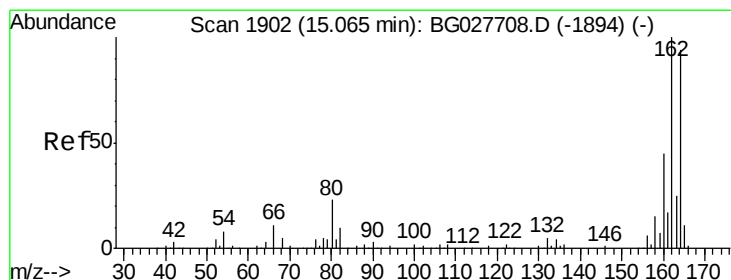
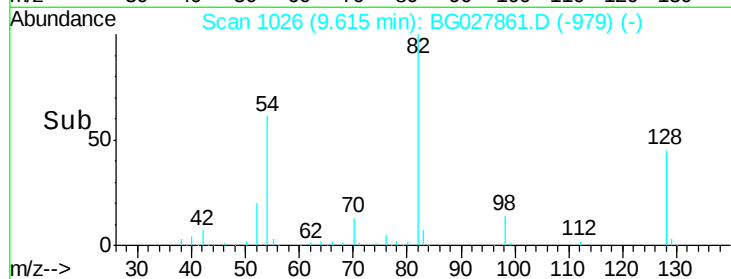
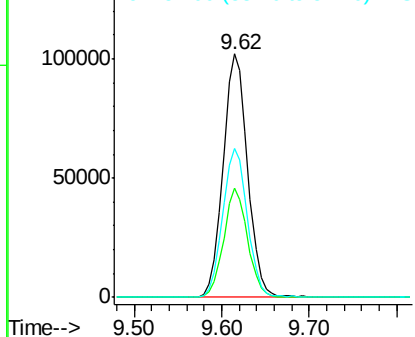
#23
 Nitrobenzene-d5
 Concen: 90.167 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

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

Tgt Ion: 82 Resp: 196839
 Ion Ratio Lower Upper
 82 100
 128 44.8 26.4 39.6#
 54 61.3 49.4 74.2

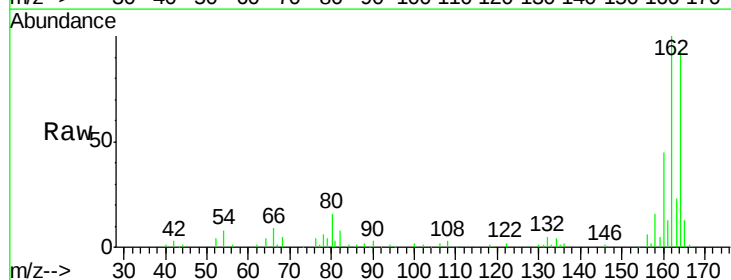


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

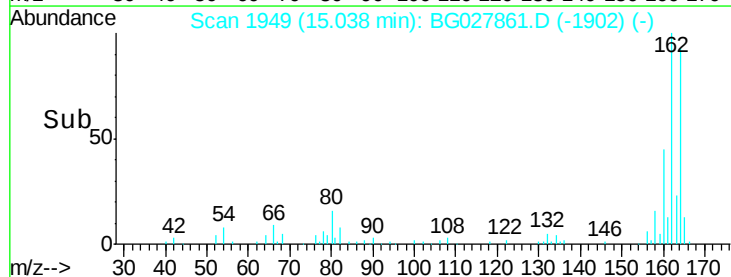
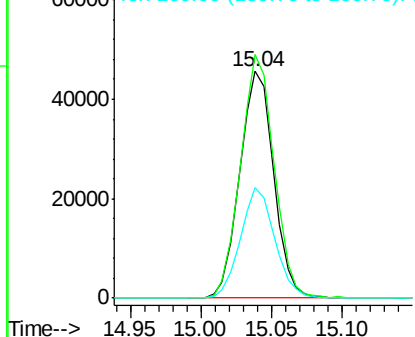


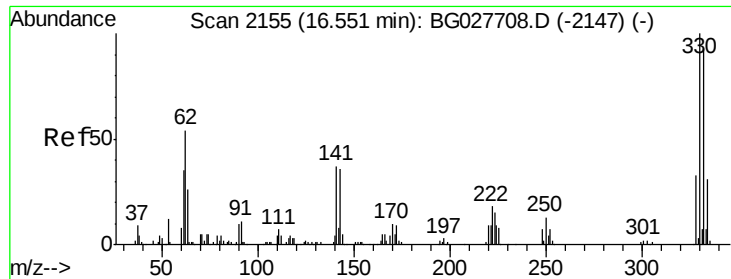
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

Tgt Ion: 164 Resp: 76720
 Ion Ratio Lower Upper
 164 100
 162 107.5 85.1 127.7
 160 48.8 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

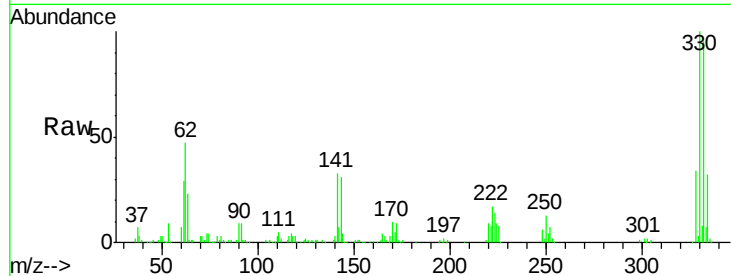




#41
 2,4,6-Tribromophenol
 Concen: 210.752 ng
 RT: 16.52 min Scan# 2202
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.8	32.1	48.1

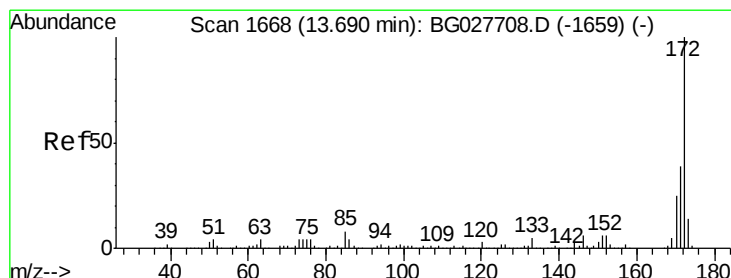
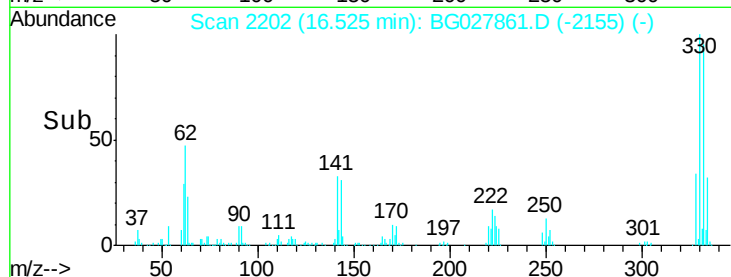
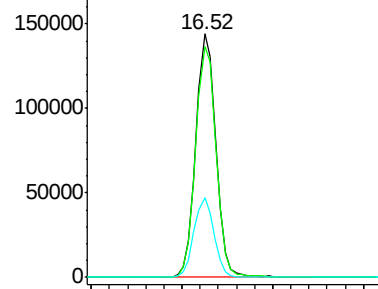


Abundance

Ion 329.80 (329.50 to 330.50): E

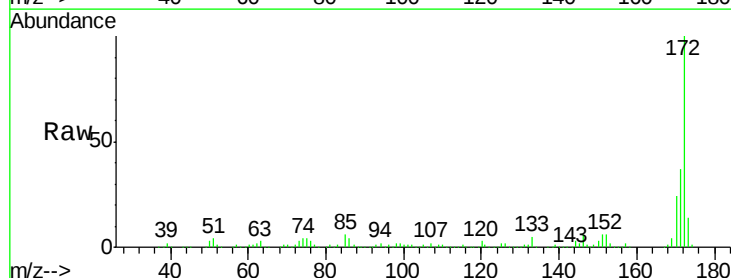
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.823 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027861.D
 Acq: 5 Jul 2017 23:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	23.8	21.8	32.6

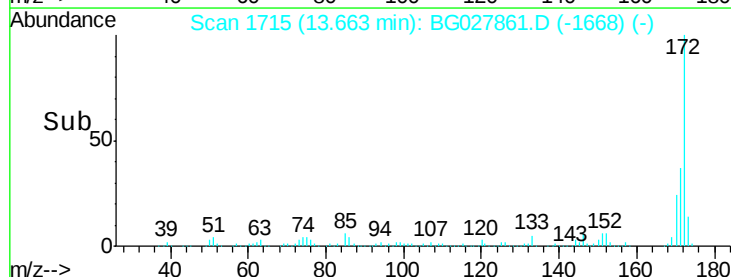
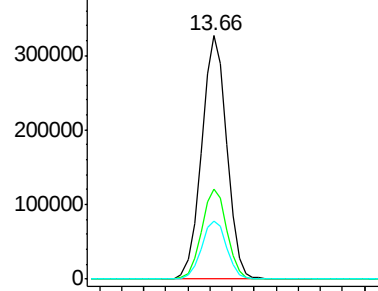


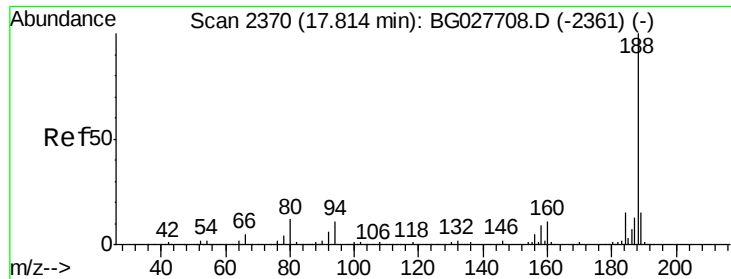
Abundance

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

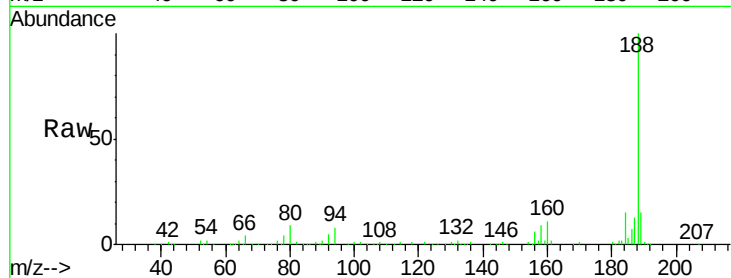




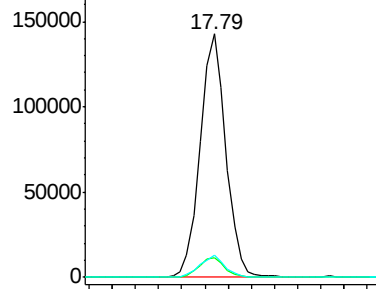
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027861.D
Acq: 5 Jul 2017 23:46

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

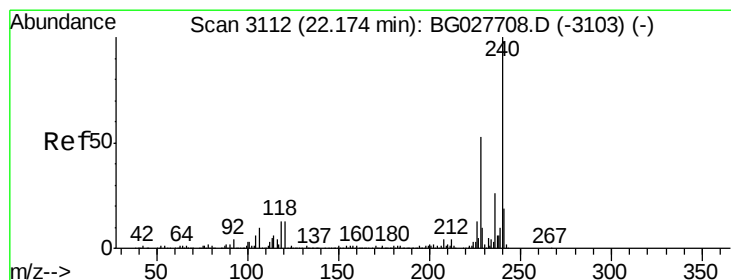
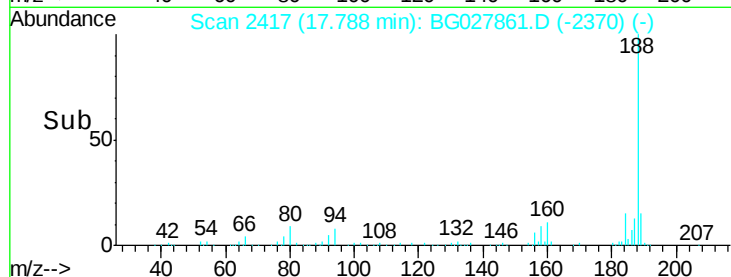
Tgt Ion:188 Resp: 220218
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.8
80 9.1 7.5 11.3



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

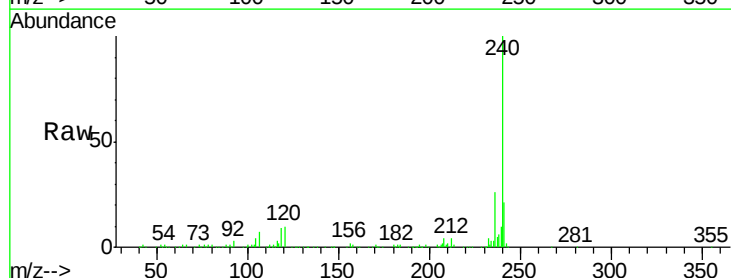


Time--> 17.70 17.80 17.90

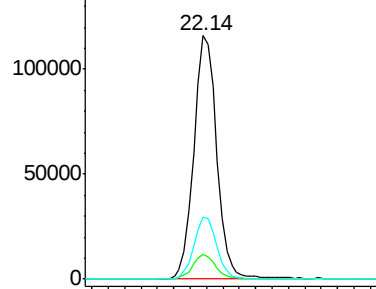


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.14 min Scan# 3157
Delta R.T. -0.04 min
Lab File: BG027861.D
Acq: 5 Jul 2017 23:46

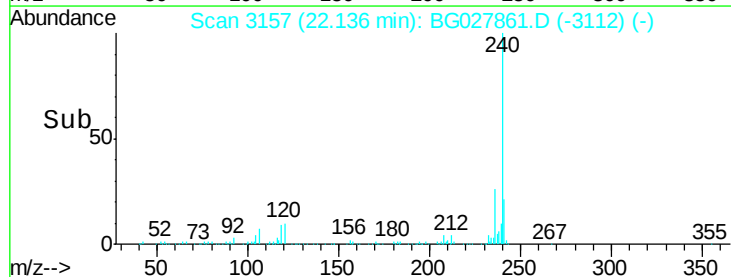
Tgt Ion:240 Resp: 227459
Ion Ratio Lower Upper
240 100
120 10.3 5.7 8.5#
236 25.7 22.2 33.4

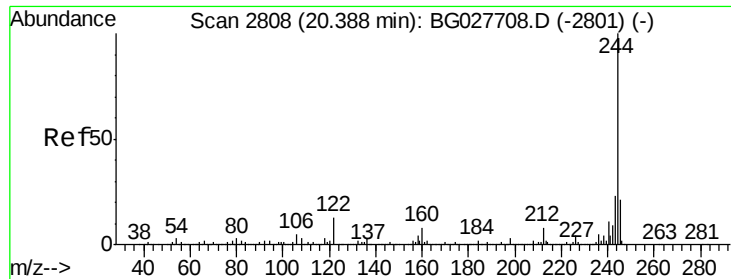


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 22.00 22.10 22.20 22.30





#78

Terphenyl-d14

Concen: 118.919 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

Instrument :

BNA_G

ClientSampleId :

CL-02-070317-B

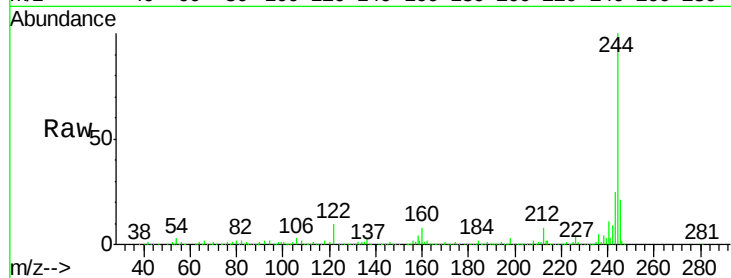
Tgt Ion:244 Resp: 1153798

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

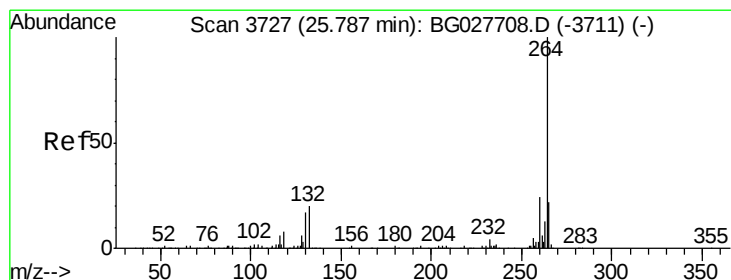
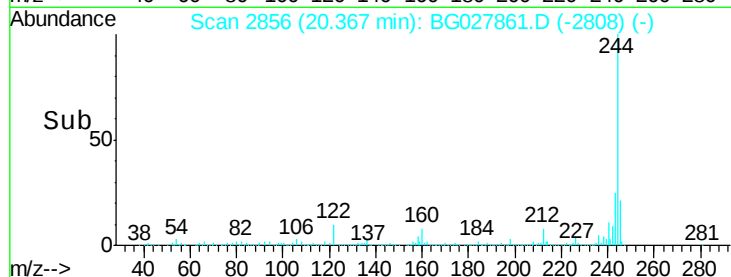
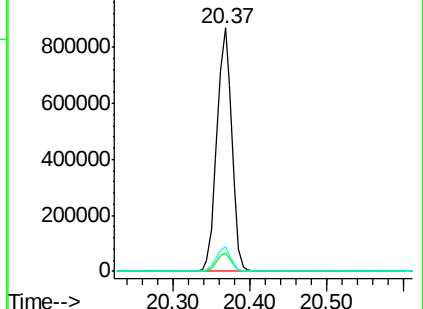
122 10.2 8.6 12.8



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: 25.72 min Scan# 3767

Delta R.T. -0.07 min

Lab File: BG027861.D

Acq: 5 Jul 2017 23:46

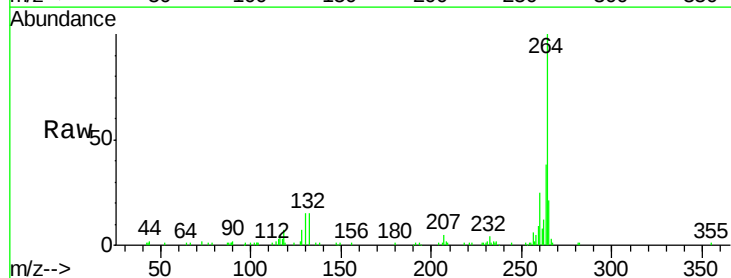
Tgt Ion:264 Resp: 119861

Ion Ratio Lower Upper

264 100

260 25.4 21.8 32.8

265 20.7 18.2 27.4



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

