

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
 Data File : BG027365.D
 Acq On : 10 Jun 2017 2:41
 Operator : SJ/MA
 Sample : I3575-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060817-C

Quant Time: Jun 10 06:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	49282	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	223718	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	28599	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	174129	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	43875	20.00	ng	-0.04
86) Perylene-d12	25.95	264	2211	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	458657	142.02	ng	-0.01
7) Phenol-d6	7.69	99	182910	38.58	ng	-0.01
23) Nitrobenzene-d5	9.72	82	464991	130.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	337536	896.27	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	1017811	497.88	ng	-0.03
78) Terphenyl-d14	20.46	244	687559	399.76	ng	-0.03

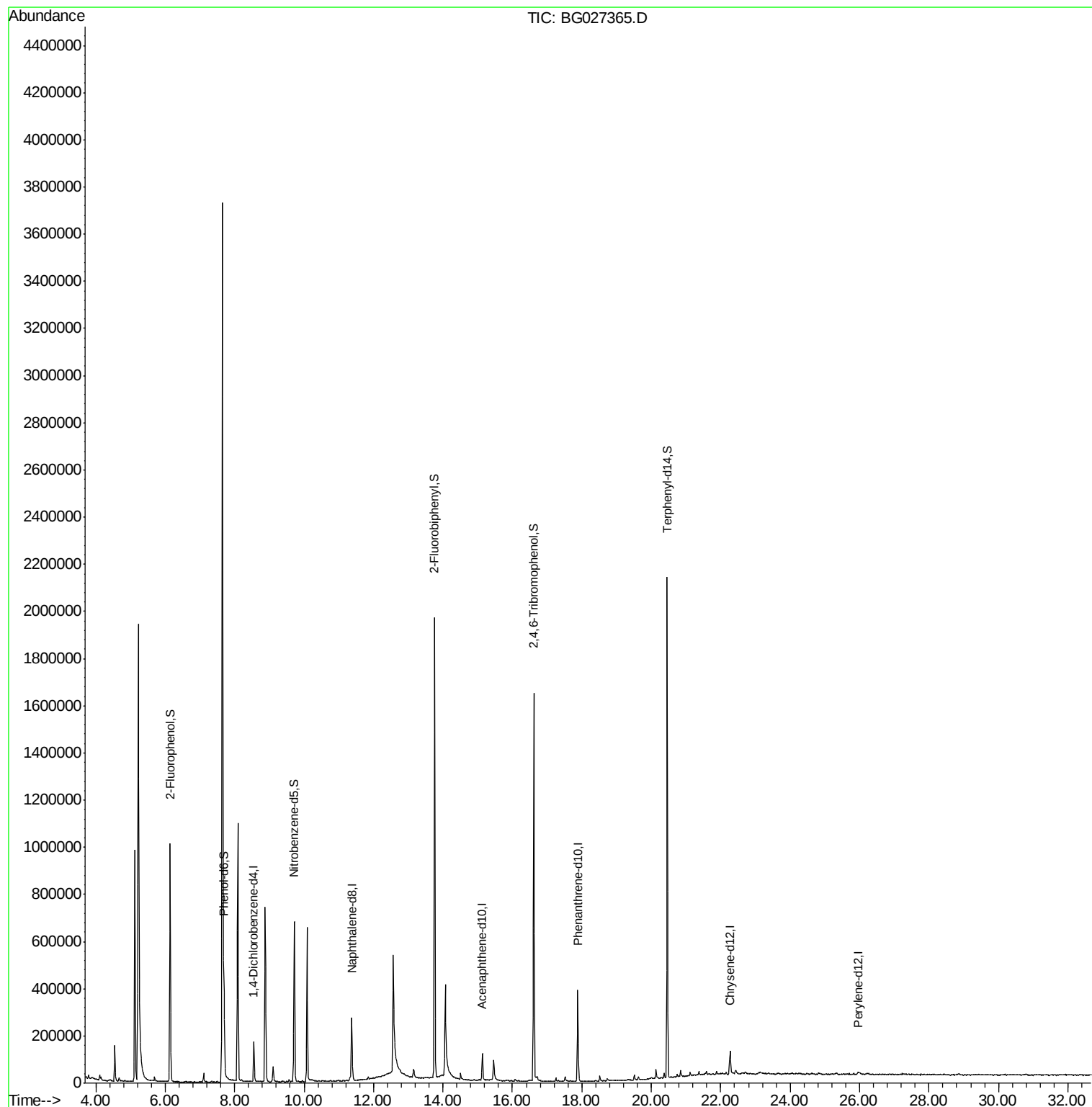
Target Compounds	Qvalue
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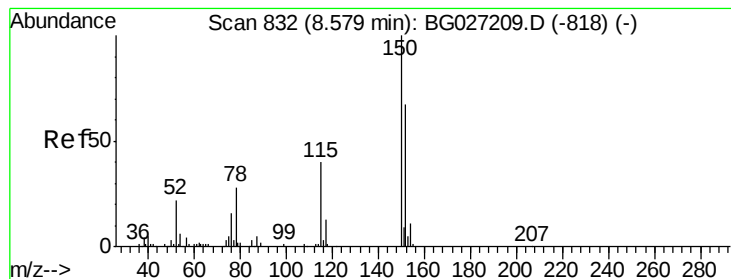
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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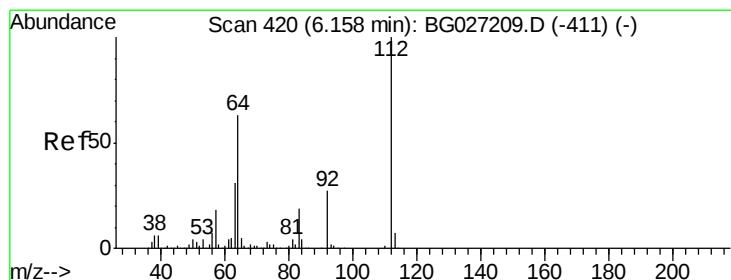
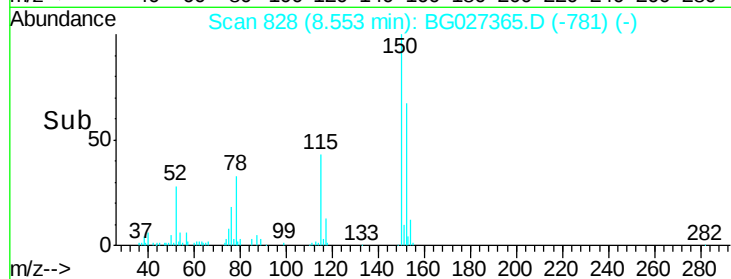
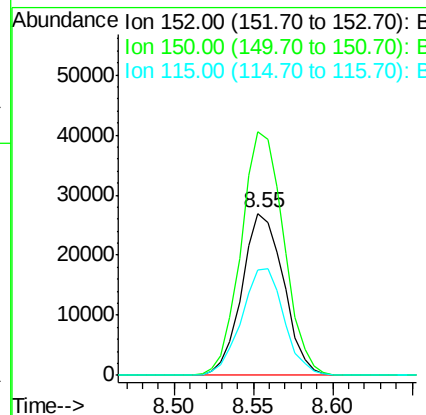
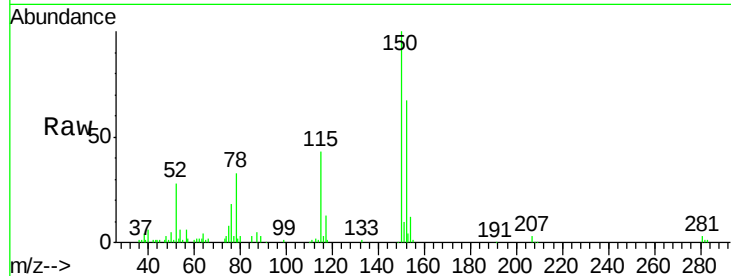


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Instrument :
BNA_G
ClientSampleId :
HR-06-060817-C

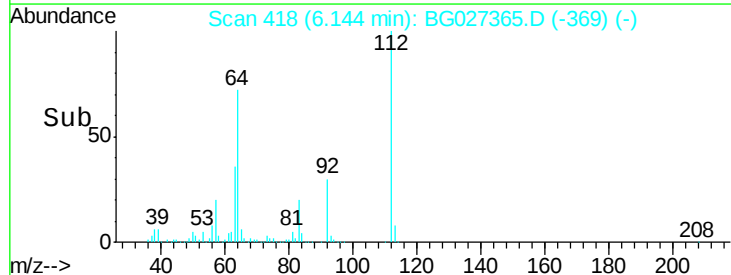
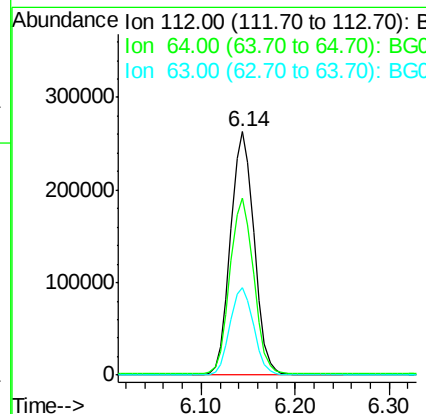
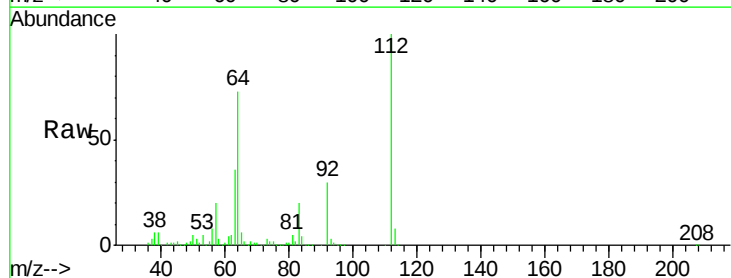
Tgt Ion:152 Resp: 49282
Ion Ratio Lower Upper
152 100
150 150.3 114.0 171.0
115 64.8 48.1 72.1

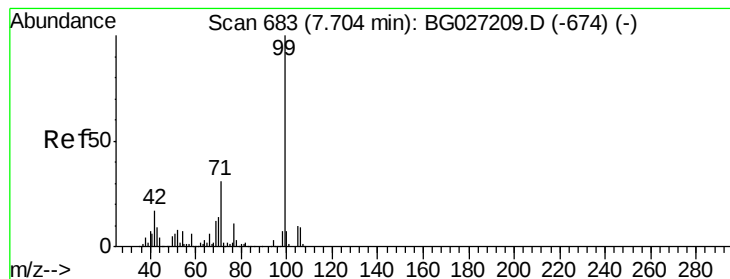


#5

2-Fluorophenol
Concen: 142.018 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:112 Resp: 458657
Ion Ratio Lower Upper
112 100
64 72.6 61.8 92.6
63 36.0 37.2 55.8#





#7

Phenol-d6

Concen: 38.583 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027365.D

Acq: 10 Jun 2017 2:41

Instrument :

BNA_G

ClientSampleId :

HR-06-060817-C

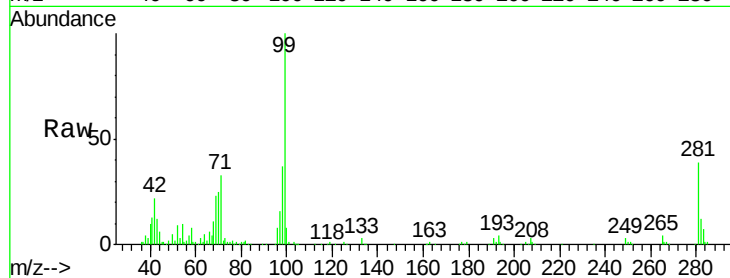
Tgt Ion: 99 Resp: 182910

Ion Ratio Lower Upper

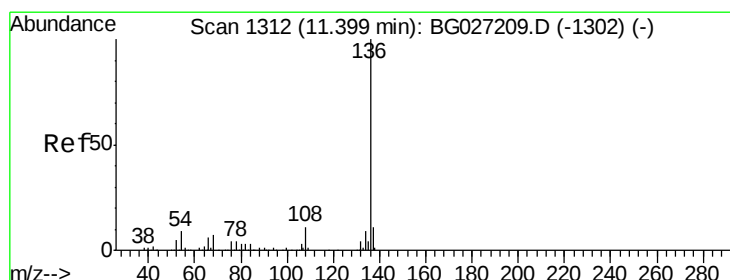
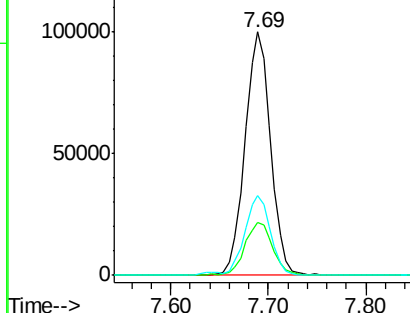
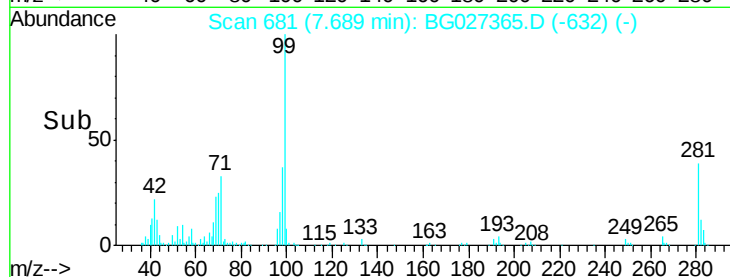
99 100

42 21.8 20.5 30.7

71 32.9 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: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027365.D

Acq: 10 Jun 2017 2:41

Tgt Ion: 136 Resp: 223718

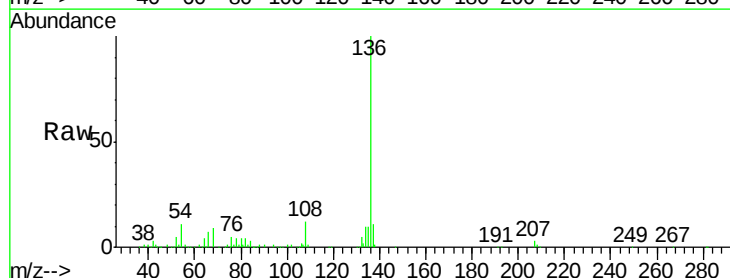
Ion Ratio Lower Upper

136 100

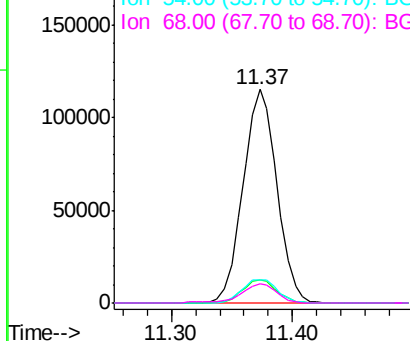
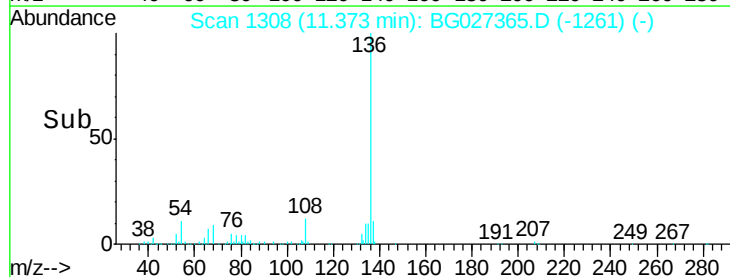
137 10.7 8.9 13.3

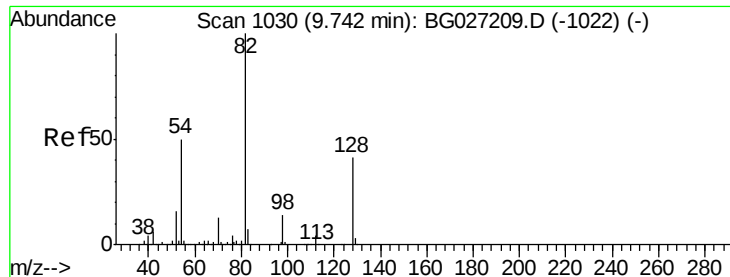
54 10.9 9.3 13.9

68 9.1 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

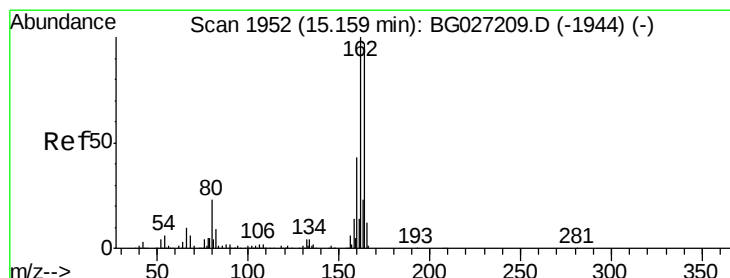
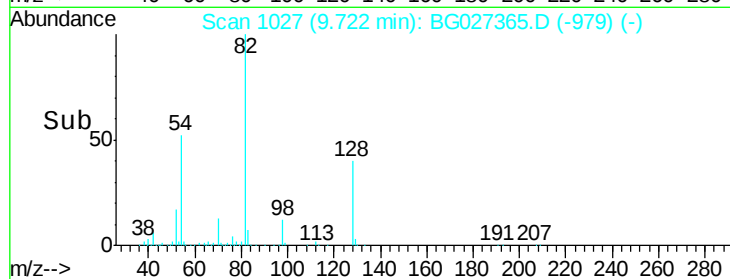
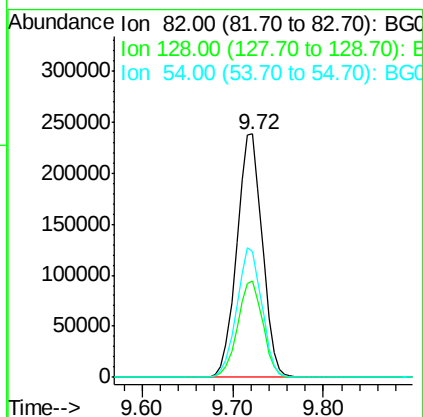
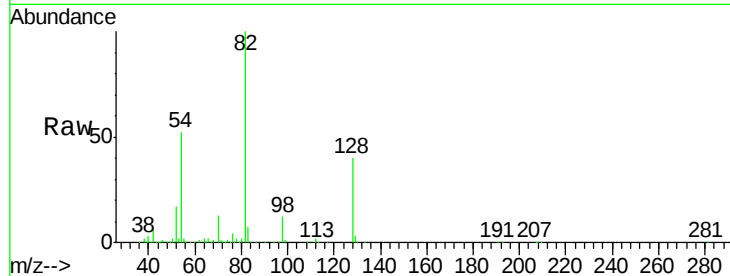




#23
 Nitrobenzene-d5
 Concen: 130.714 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027365.D
 Acq: 10 Jun 2017 2:41

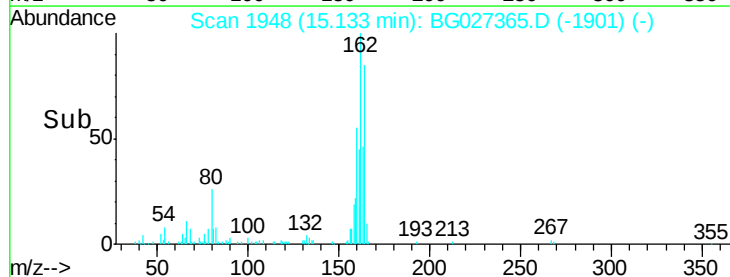
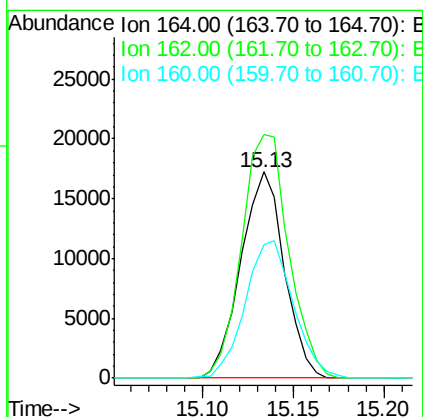
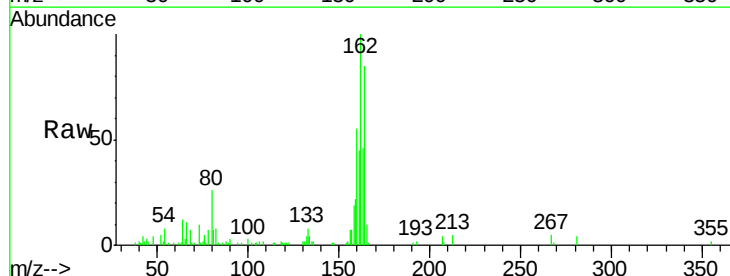
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060817-C

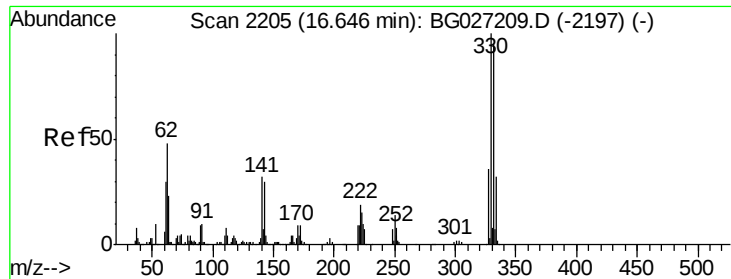
Tgt Ion: 82 Resp: 464991
 Ion Ratio Lower Upper
 82 100
 128 39.8 26.4 39.6#
 54 51.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027365.D
 Acq: 10 Jun 2017 2:41

Tgt Ion: 164 Resp: 28599
 Ion Ratio Lower Upper
 164 100
 162 118.3 85.1 127.7
 160 65.0 34.7 52.1#

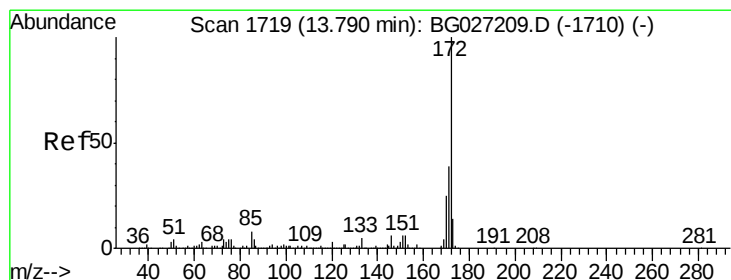
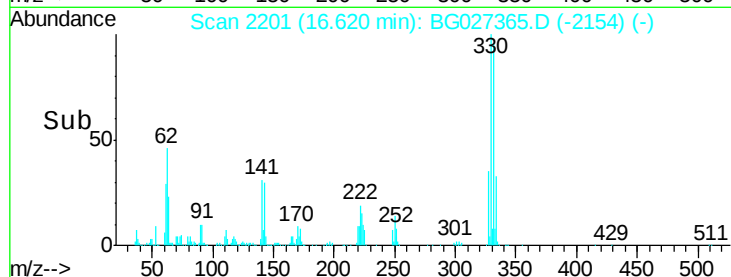
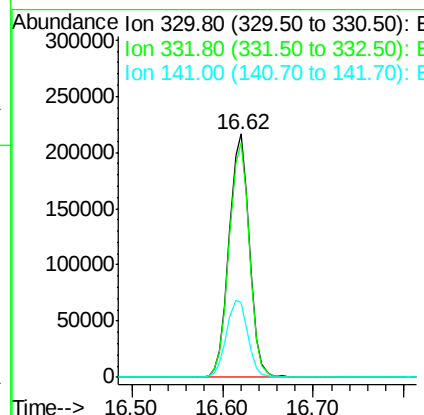
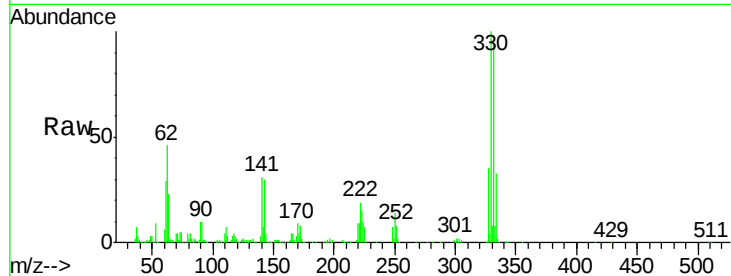




#41
 2,4,6-Tribromophenol
 Concen: 896.275 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027365.D
 Acq: 10 Jun 2017 2:41

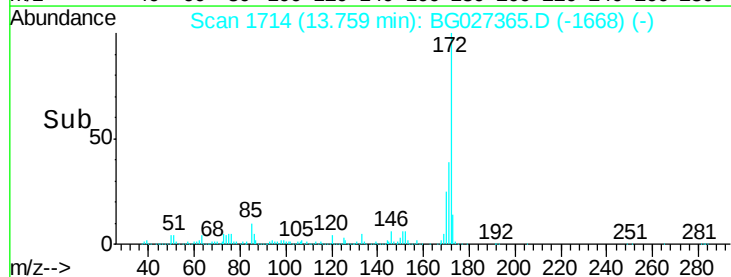
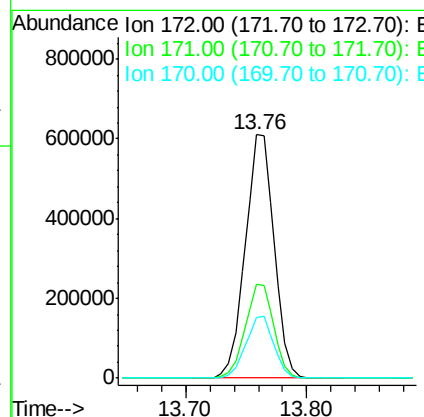
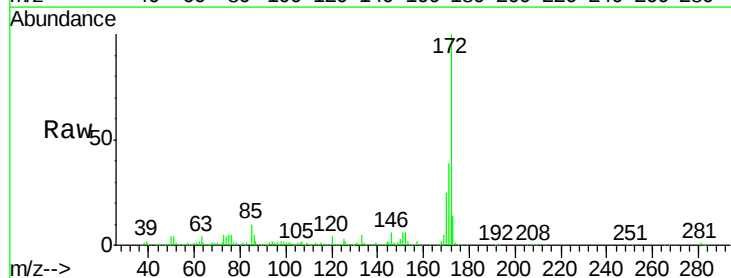
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060817-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	33.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 497.882 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027365.D
 Acq: 10 Jun 2017 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.2	48.2
170	25.1	21.8	32.6

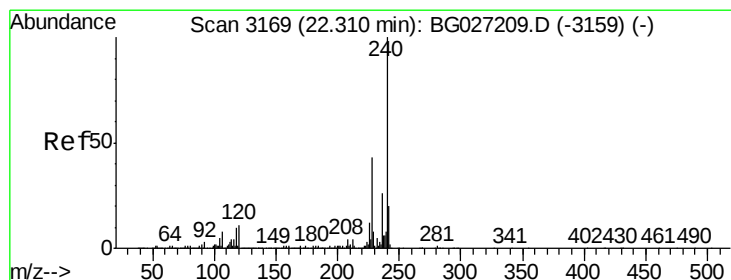
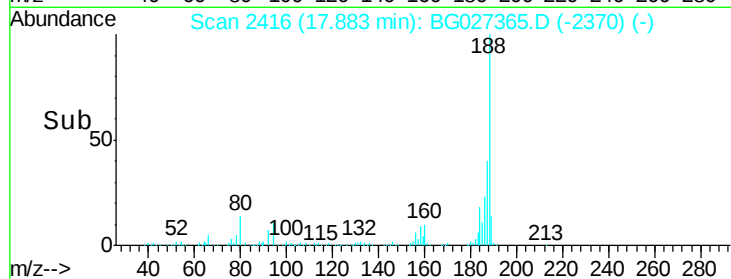
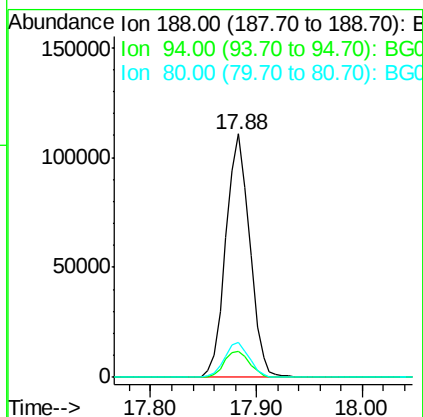
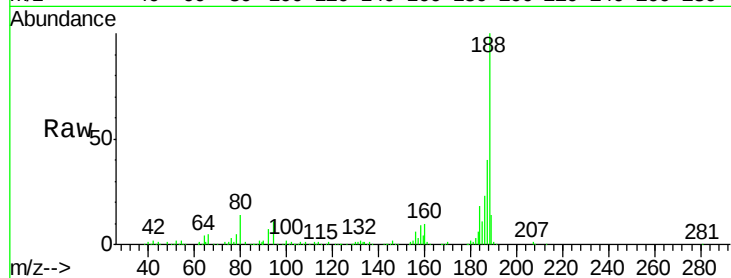




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

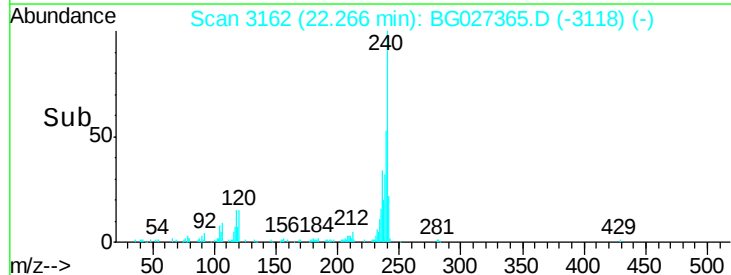
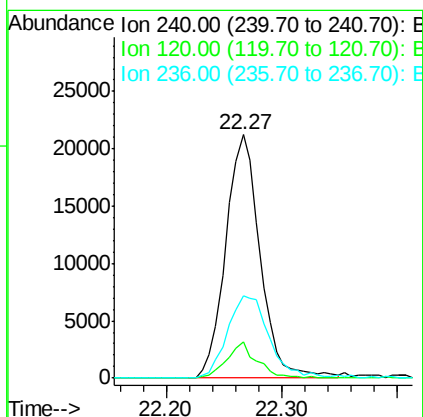
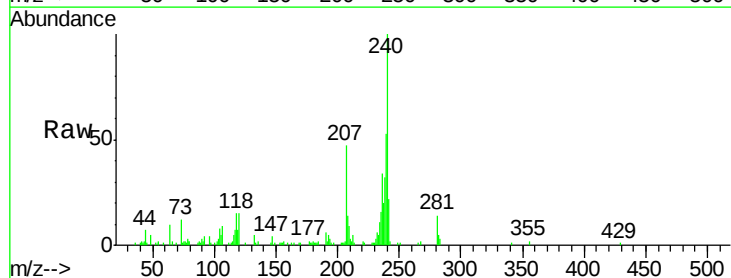
Instrument :
BNA_G
ClientSampleId :
HR-06-060817-C

Tgt Ion:188 Resp: 174129
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 14.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027365.D
Acq: 10 Jun 2017 2:41

Tgt Ion:240 Resp: 43875
Ion Ratio Lower Upper
240 100
120 14.9 5.7 8.5#
236 34.0 22.2 33.4#





#78

Terphenyl-d14

Concen: 399.764 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027365.D

Acq: 10 Jun 2017 2:41

Instrument :

BNA_G

ClientSampleId :

HR-06-060817-C

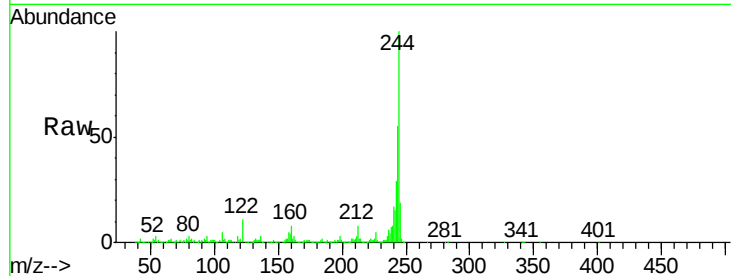
Tgt Ion:244 Resp: 687559

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

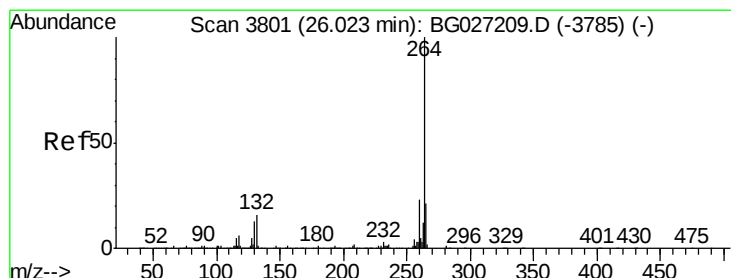
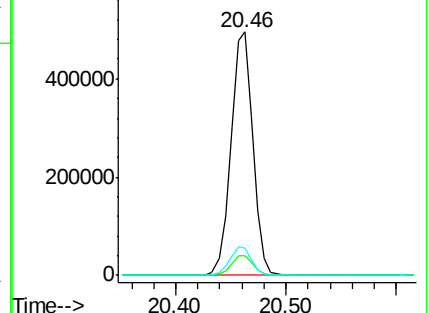
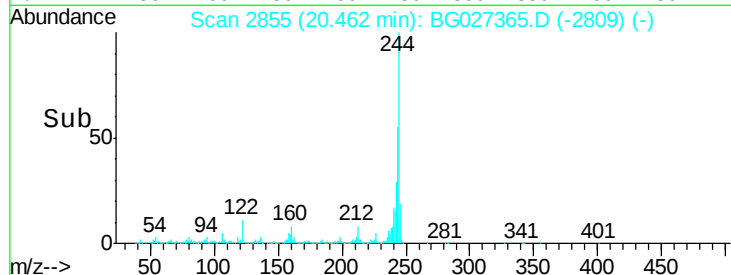
122 11.1 8.6 12.8



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: 25.95 min Scan# 3789

Delta R.T. -0.07 min

Lab File: BG027365.D

Acq: 10 Jun 2017 2:41

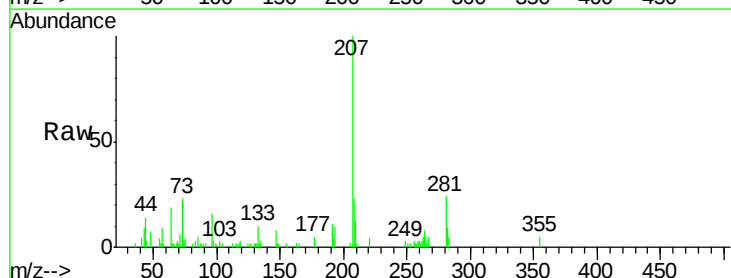
Tgt Ion:264 Resp: 2211

Ion Ratio Lower Upper

264 100

260 36.5 21.8 32.8#

265 58.6 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

