

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027405.D
 Acq On : 14 Jun 2017 3:36
 Operator : SJ/MA
 Sample : I3630-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Jun 14 06:13:29 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	53054	20.00	ng	-0.03
21) Naphthalene-d8	11.35	136	228629	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	131189	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	344052	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	413988	20.00	ng	-0.06
86) Perylene-d12	25.92	264	373934	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	481590	138.52	ng	-0.02
7) Phenol-d6	7.68	99	618425	121.18	ng	-0.02
23) Nitrobenzene-d5	9.70	82	402618	110.75	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	292810	169.50	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	845536	90.17	ng	-0.04
78) Terphenyl-d14	20.44	244	1647742	101.53	ng	-0.05

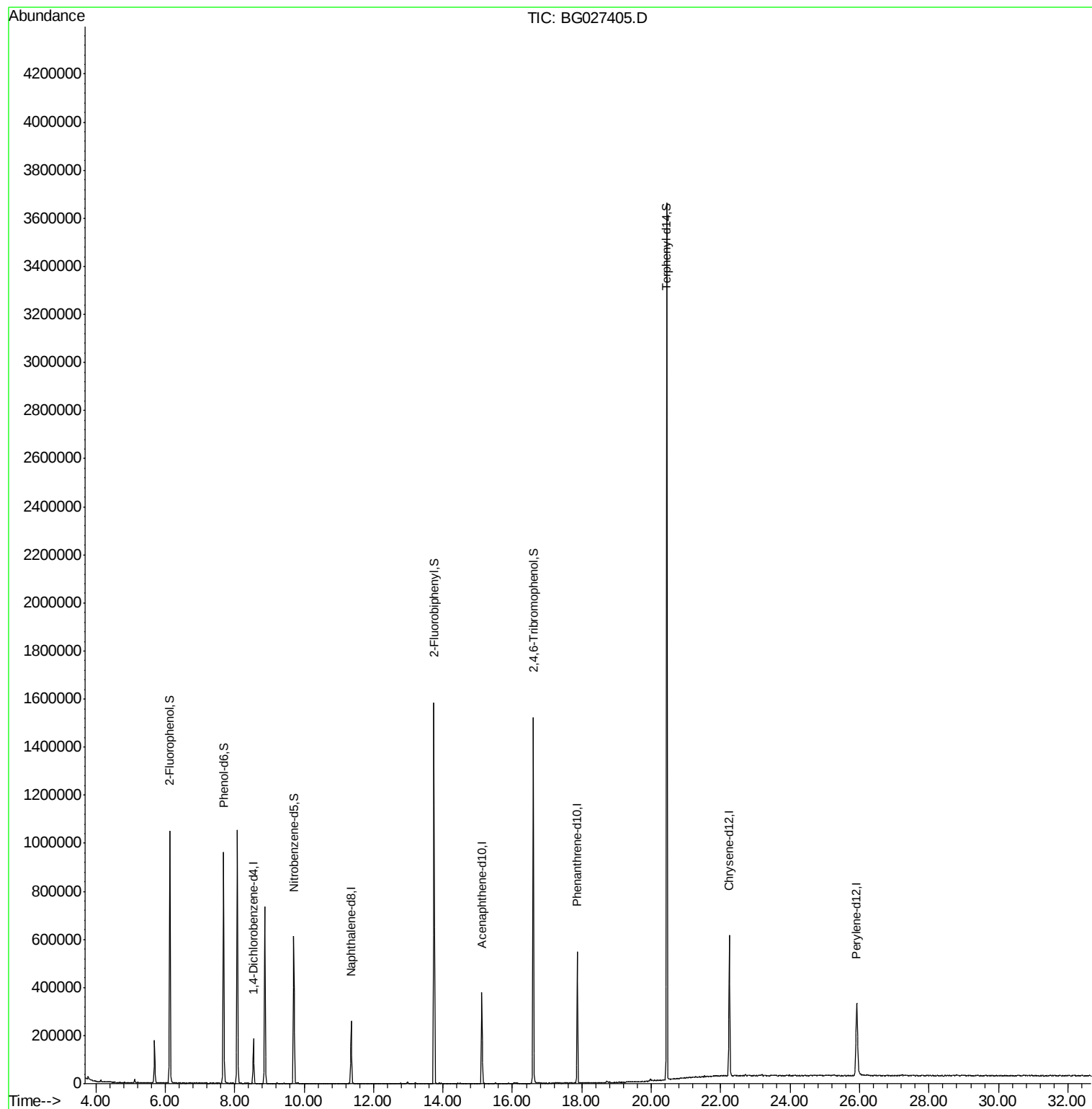
Target Compounds Qvalue

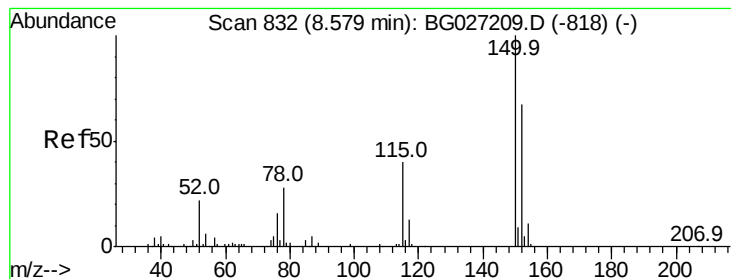
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.55 min Scan# 827

Delta R.T. -0.03 min

Lab File: BG027405.D

Acq: 14 Jun 2017 3:36

Instrument :

BNA_G

ClientSampleId :

TP-8

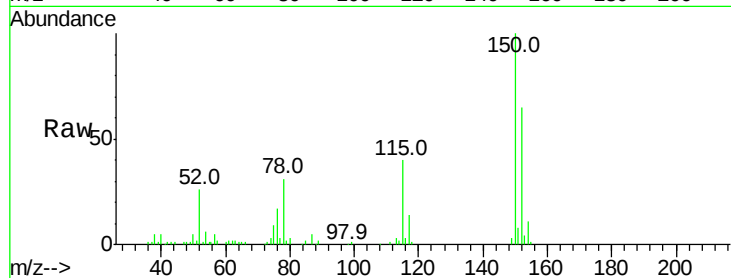
Tot Ion:152 Resp: 53054

Ion Ratio Lower Upper

152 100

150 152.7 114.0 171.0

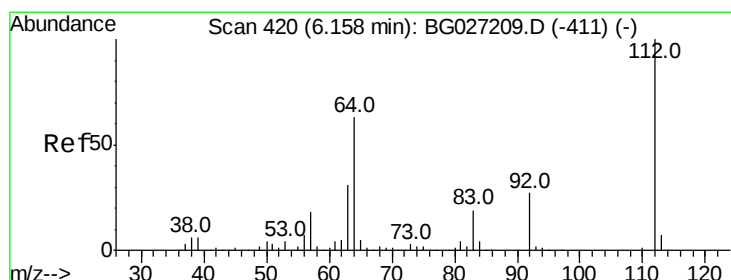
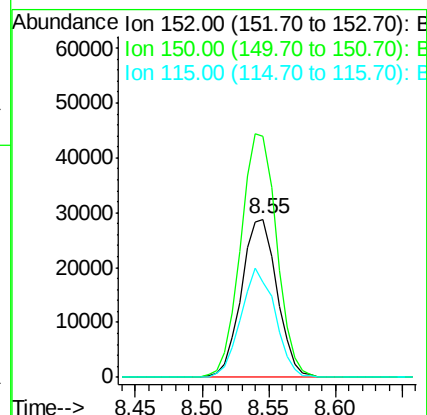
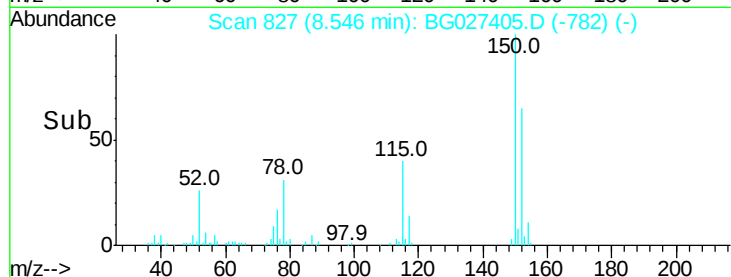
115 60.6 48.1 72.1



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: 138.52 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027405.D

Acq: 14 Jun 2017 3:36

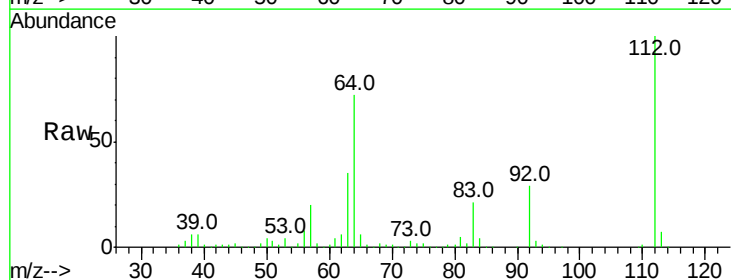
Tgt Ion:112 Resp: 481590

Ion Ratio Lower Upper

112 100

64 71.6 61.8 92.6

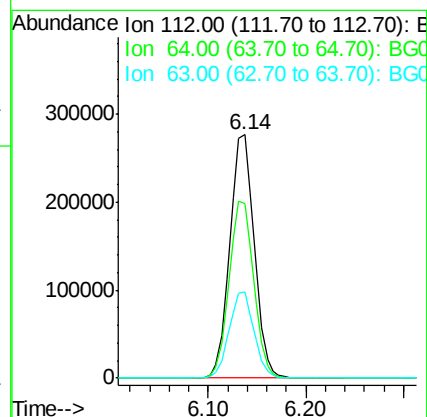
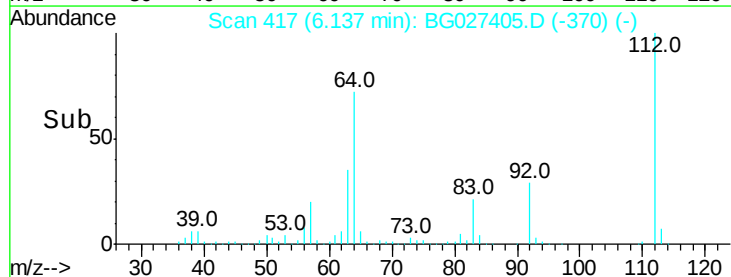
63 35.4 37.2 55.8#

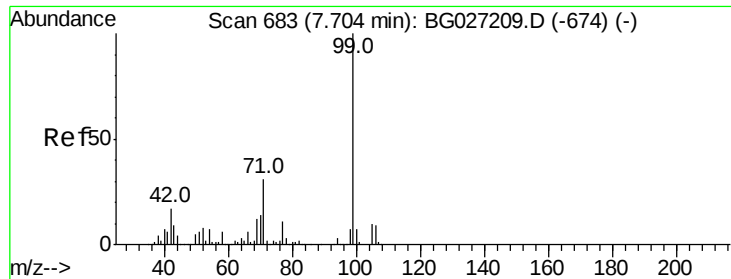


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.18 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027405.D

Acq: 14 Jun 2017 3:36

Instrument :

BNA_G

ClientSampleId :

TP-8

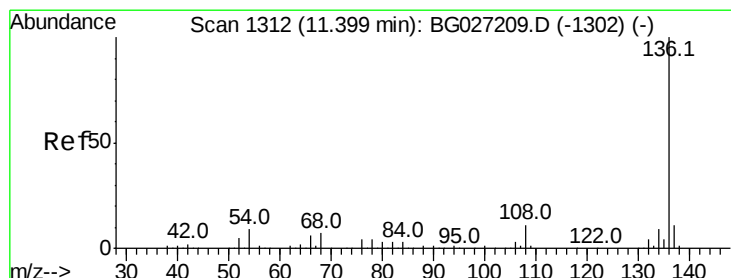
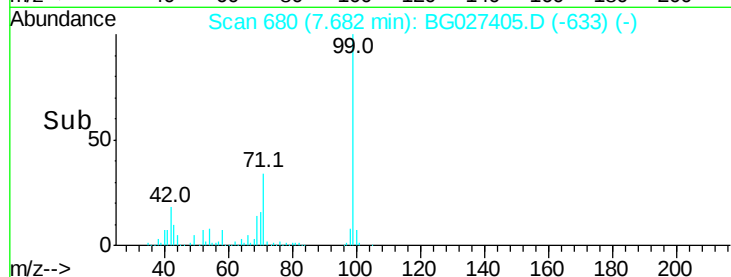
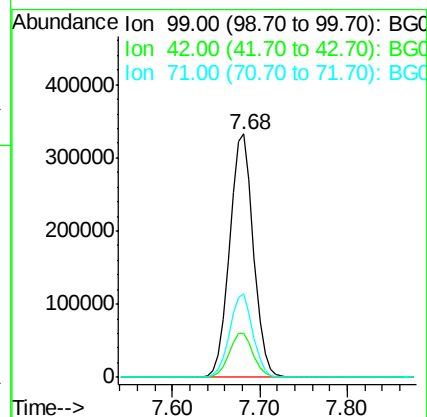
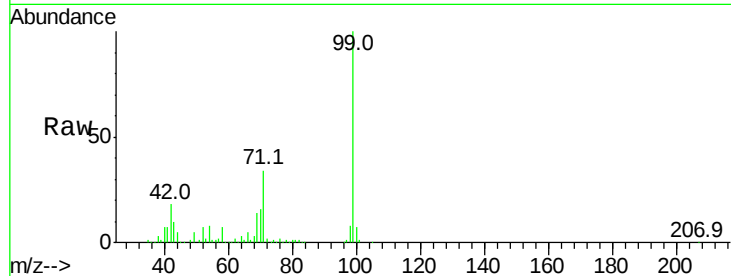
Tot Ion: 99 Resp: 618425

Ion Ratio Lower Upper

99 100

42 18.2 20.5 30.7#

71 34.1 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.35 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027405.D

Acq: 14 Jun 2017 3:36

Tgt Ion: 136 Resp: 228629

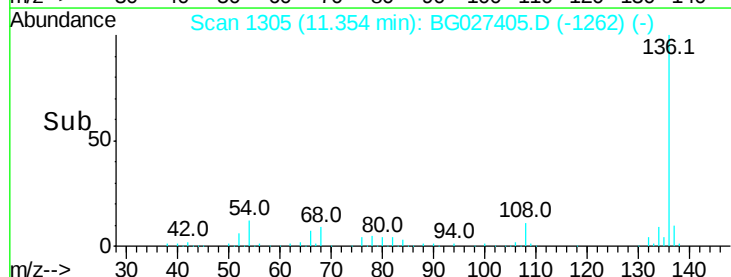
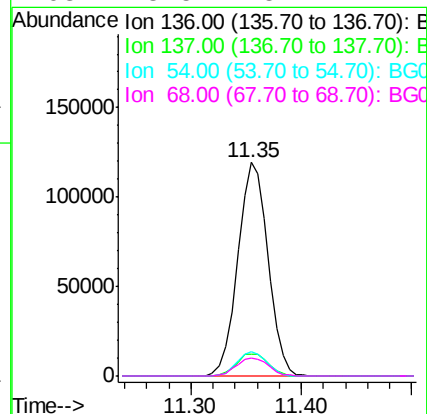
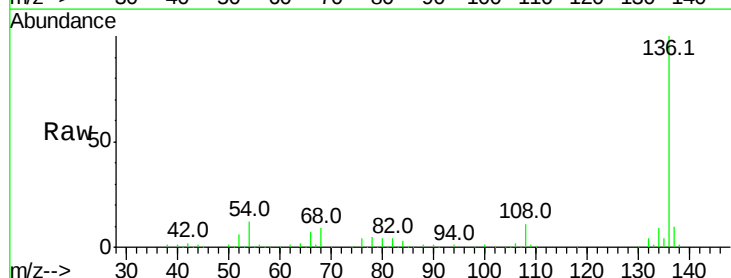
Ion Ratio Lower Upper

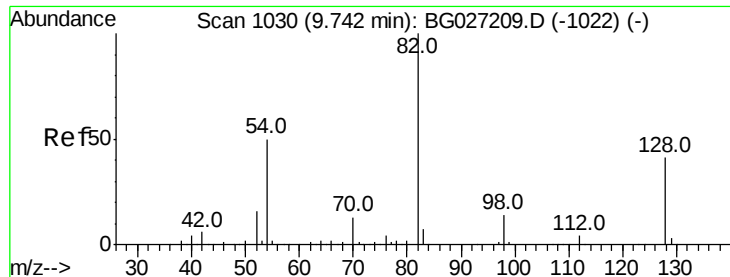
136 100

137 10.4 8.9 13.3

54 11.5 9.3 13.9

68 8.5 5.1 7.7#

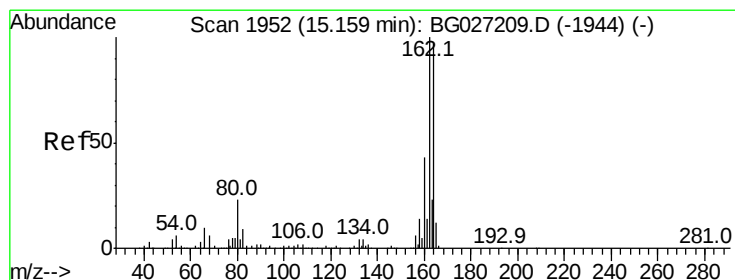
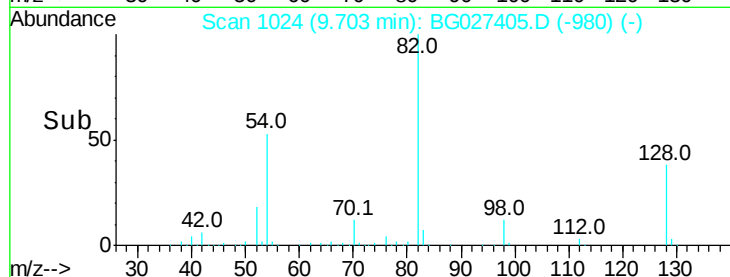
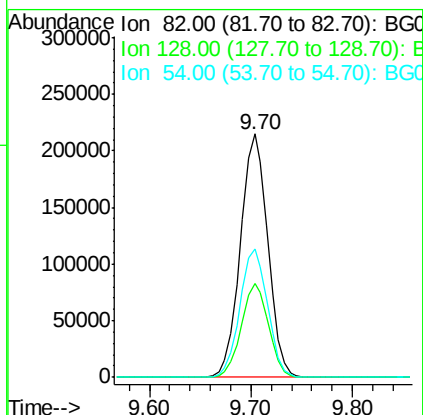
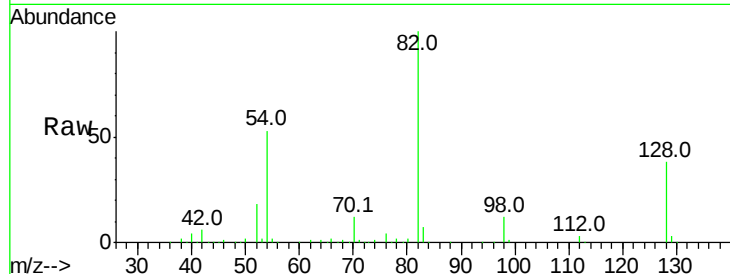




#23
 Nitrobenzene-d5
 Concen: 110.75 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027405.D
 Acq: 14 Jun 2017 3:36

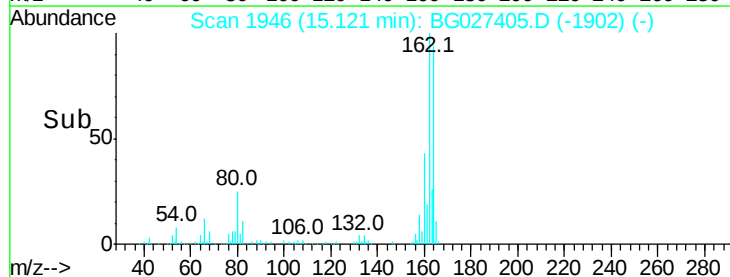
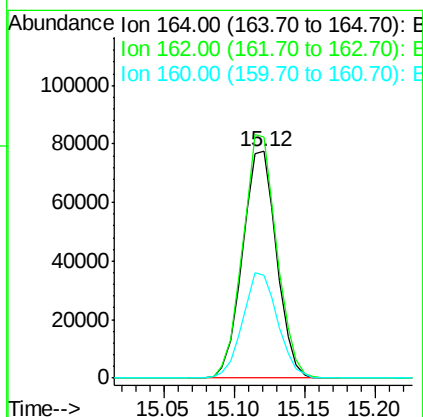
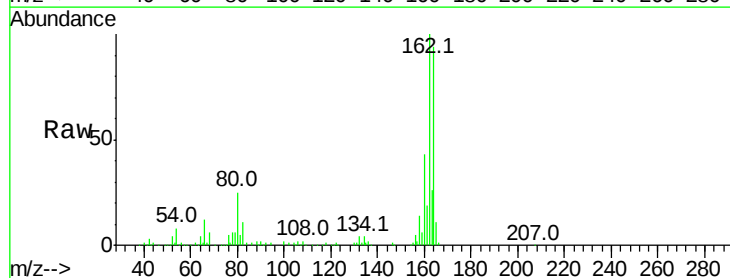
Instrument :
 BNA_G
 ClientSampleId :
 TP-8

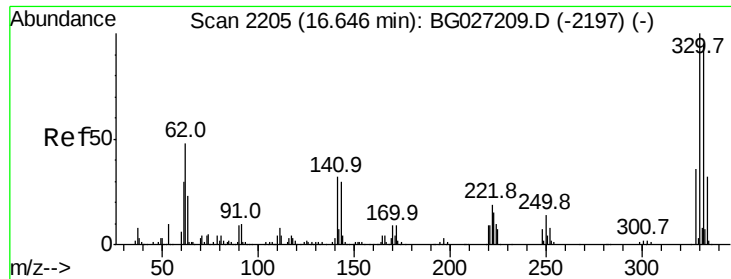
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.4	39.6
54	53.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: BG027405.D
 Acq: 14 Jun 2017 3:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.1	127.7
160	45.6	34.7	52.1

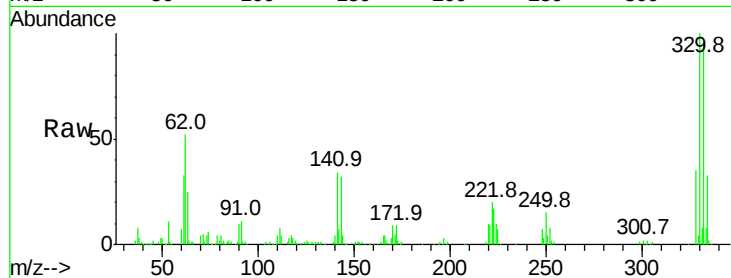




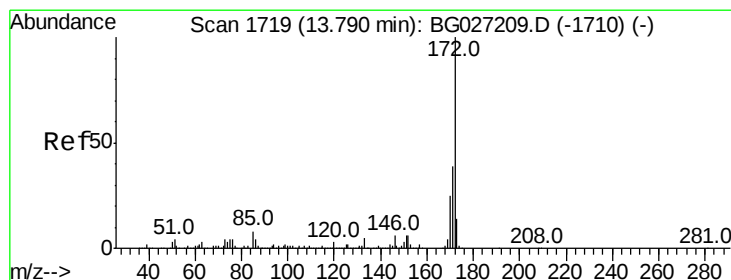
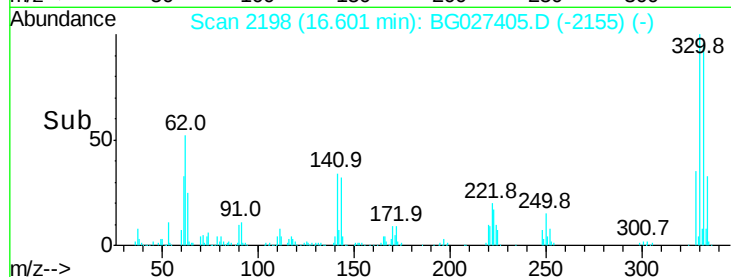
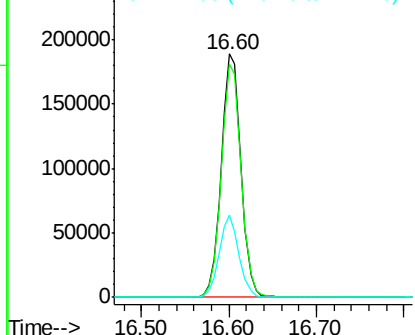
#41
 2,4,6-Tribromophenol
 Concen: 169.50 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027405.D
 Acq: 14 Jun 2017 3:36

Instrument :
 BNA_G
 ClientSampled :
 TP-8

Tot Ion:330 Resp: 292810
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 33.4 32.1 48.1

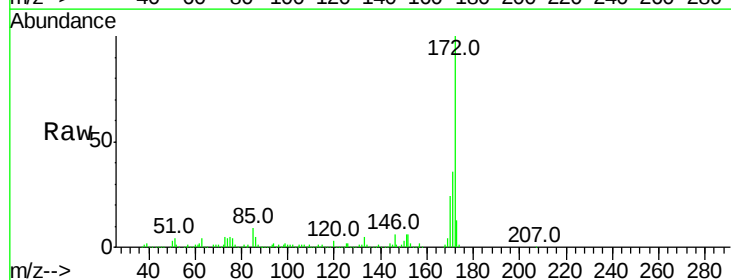


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

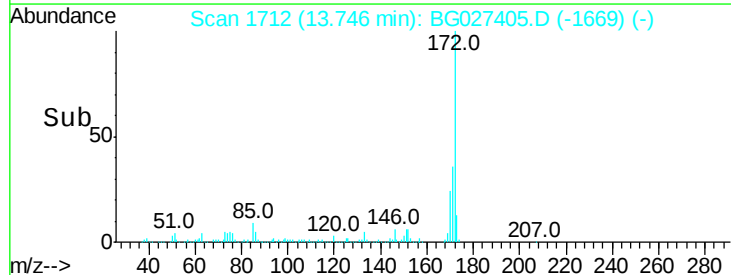
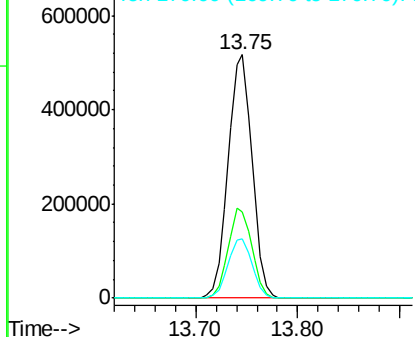


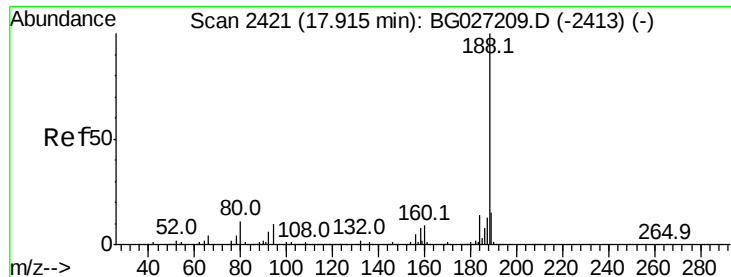
#44
 2-Fluorobiphenyl
 Concen: 90.17 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027405.D
 Acq: 14 Jun 2017 3:36

Tgt Ion:172 Resp: 845536
 Ion Ratio Lower Upper
 172 100
 171 35.5 32.2 48.2
 170 24.3 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

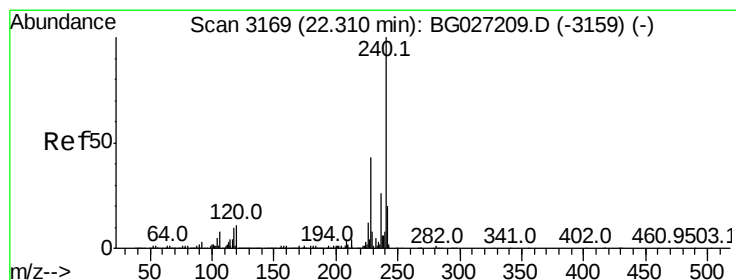
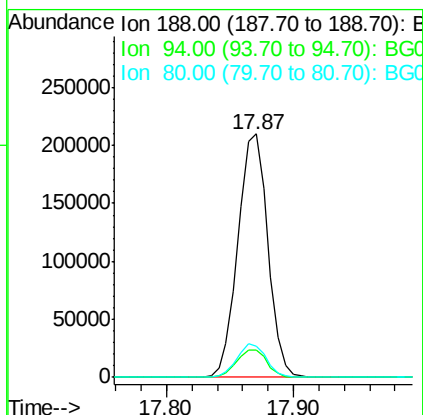
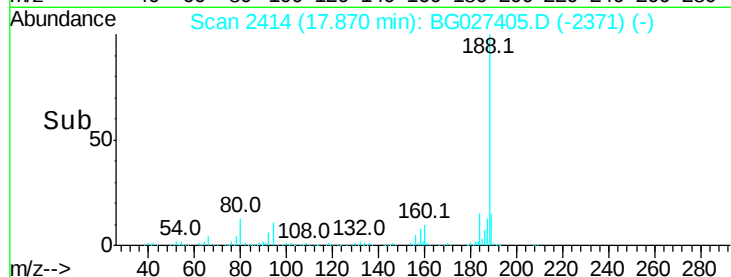
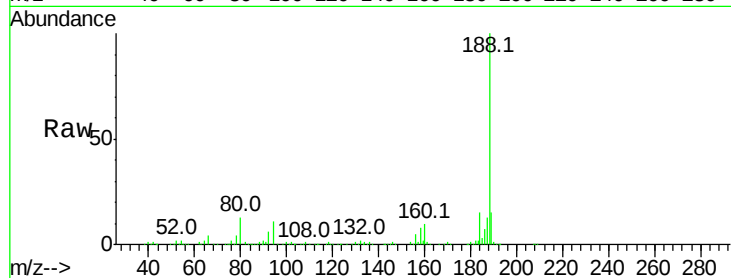




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027405.D
Acq: 14 Jun 2017 3:36

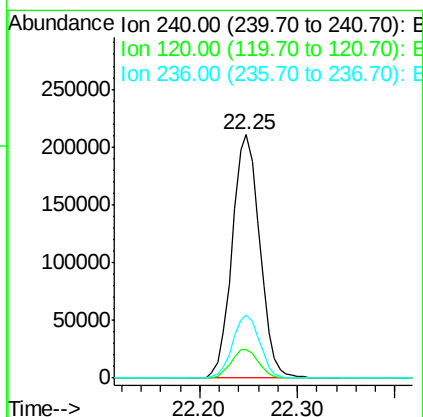
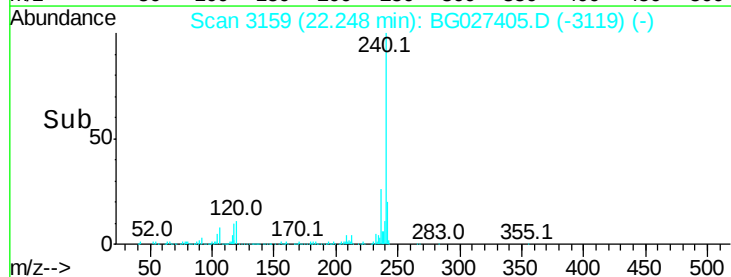
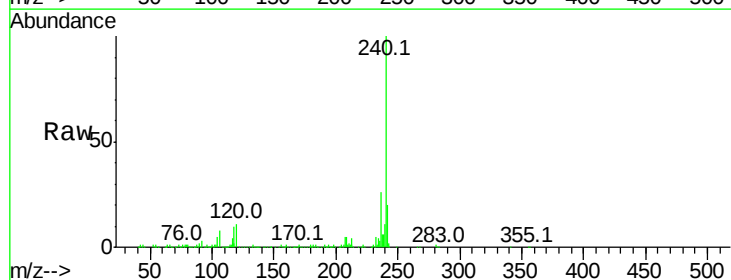
Instrument :
BNA_G
ClientSampleId :
TP-8

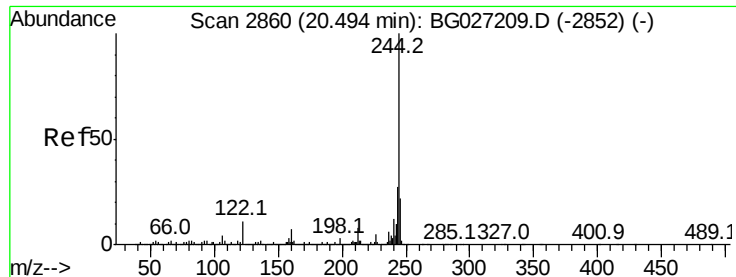
Tot Ion:188 Resp: 344052
Ion Ratio Lower Upper
188 100
94 11.3 5.8 8.8#
80 12.8 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027405.D
Acq: 14 Jun 2017 3:36

Tgt Ion:240 Resp: 413988
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 25.9 22.2 33.4





#78

Terphenyl-d14

Concen: 101.53 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027405.D

Acq: 14 Jun 2017 3:36

Instrument :

BNA_G

ClientSampled :

TP-8

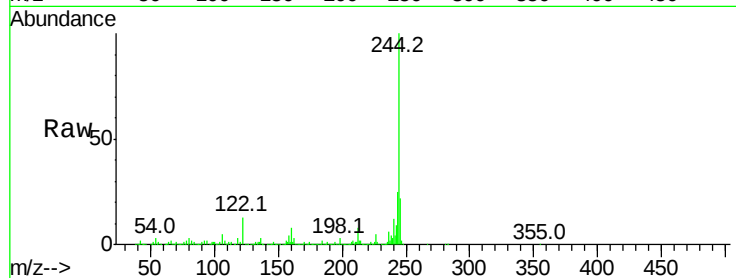
Tot Ion:244 Resp: 1647742

Ion Ratio Lower Upper

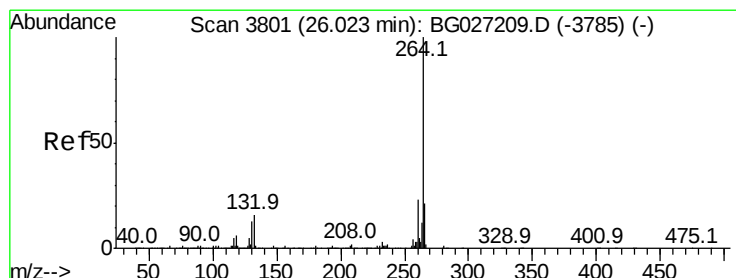
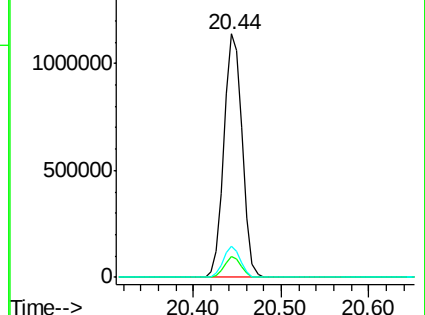
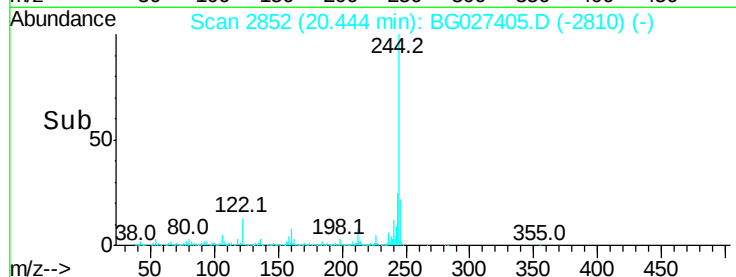
244 100

212 8.4 10.0 15.0#

122 12.6 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: 20.00 ng

RT: 25.92 min Scan# 3784

Delta R.T. -0.10 min

Lab File: BG027405.D

Acq: 14 Jun 2017 3:36

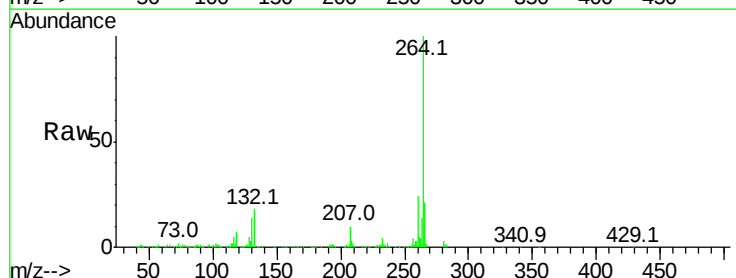
Tgt Ion:264 Resp: 373934

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 21.4 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

