

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027424.D
 Acq On : 14 Jun 2017 19:27
 Operator : SJ/MA
 Sample : PB99761BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99761BL

Quant Time: Jun 15 04:42:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	40900	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	191666	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	127157	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	367076	20.00	ng	0.00
75) Chrysene-d12	22.24	240	429963	20.00	ng	0.00
86) Perylene-d12	25.89	264	412345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	378841	130.90	ng	0.00
7) Phenol-d6	7.66	99	539341	121.27	ng	0.00
23) Nitrobenzene-d5	9.69	82	308781	82.14	ng	0.00
41) 2,4,6-Tribromophenol	16.60	330	281324	147.41	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	732188	83.18	ng	0.00
78) Terphenyl-d14	20.44	244	1475833	87.97	ng	0.00

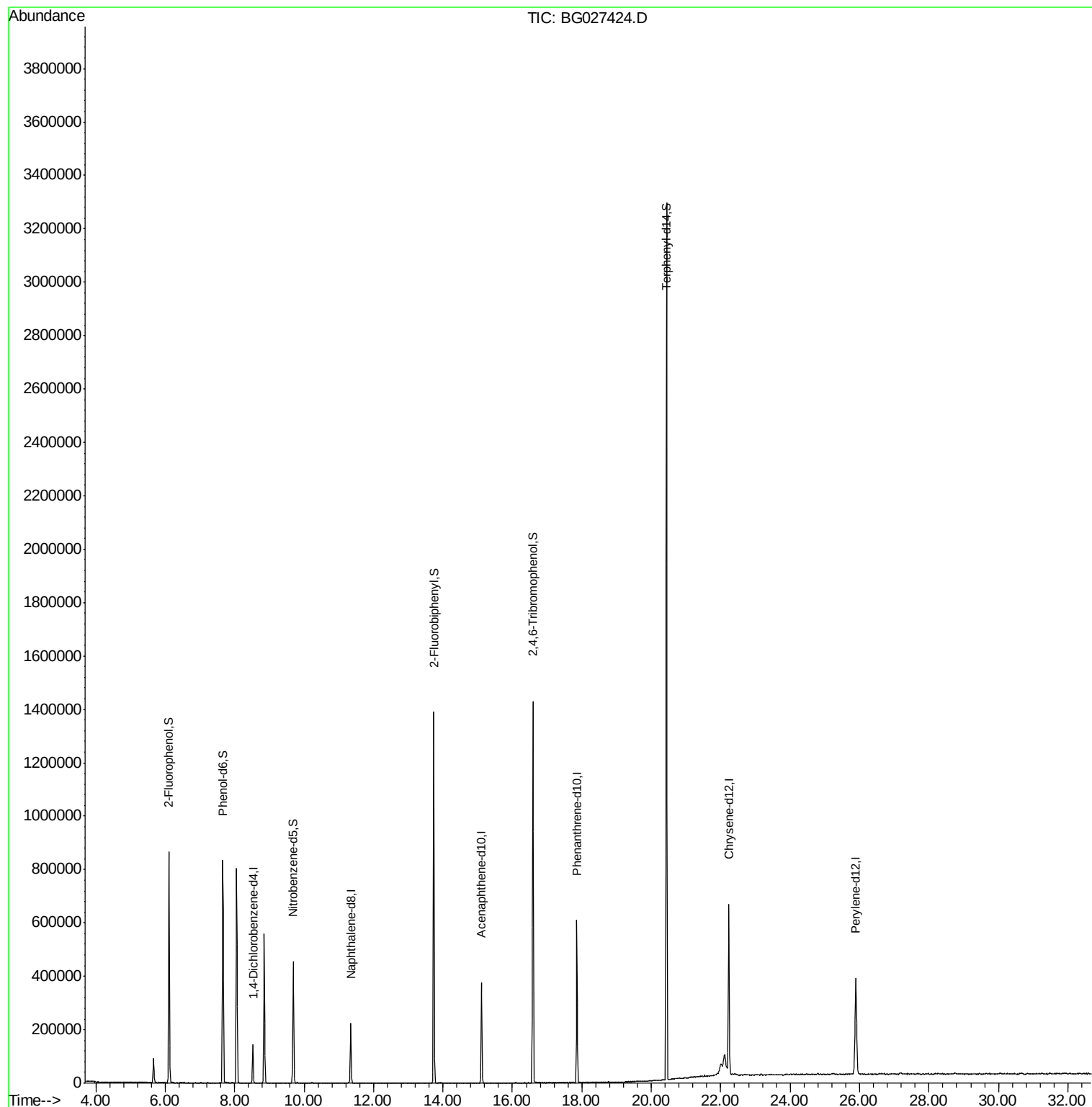
Target Compounds Qvalue

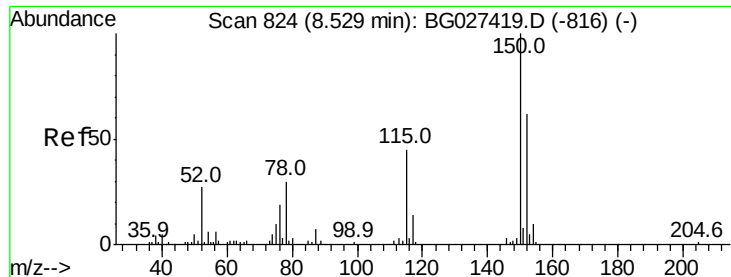
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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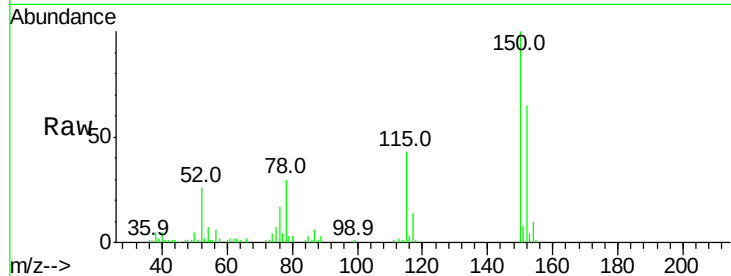


#1

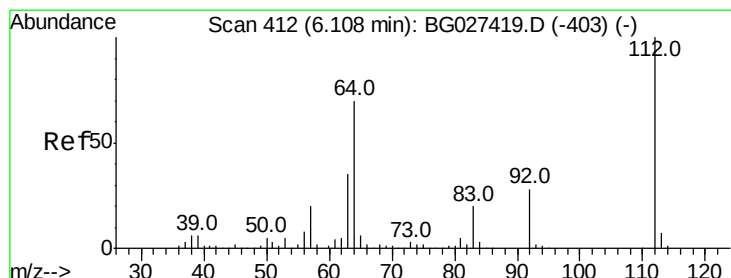
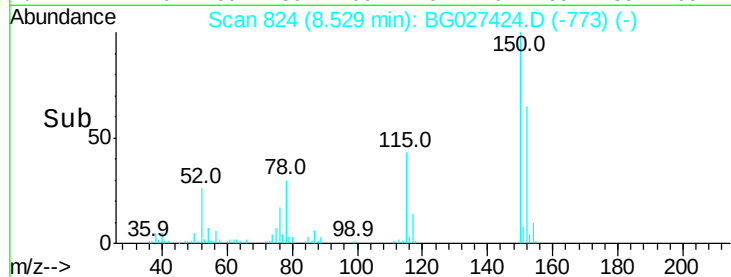
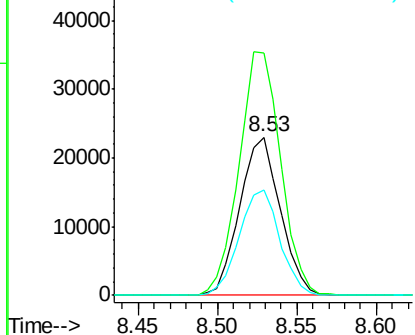
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.53 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Instrument :
BNA_G
ClientSampleId :
PB99761BL

Tot Ion:152 Resp: 40900
Ion Ratio Lower Upper
152 100
150 153.2 114.0 171.0
115 66.6 48.1 72.1



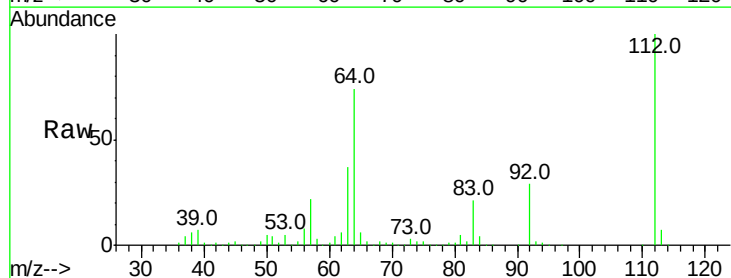
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



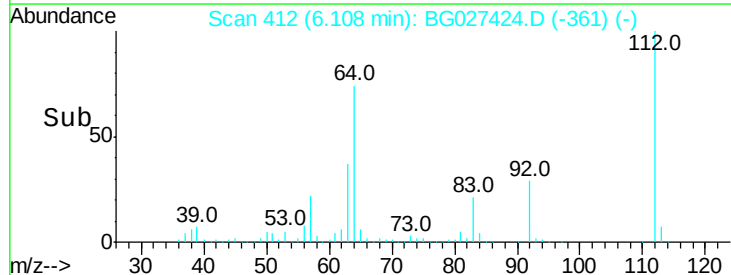
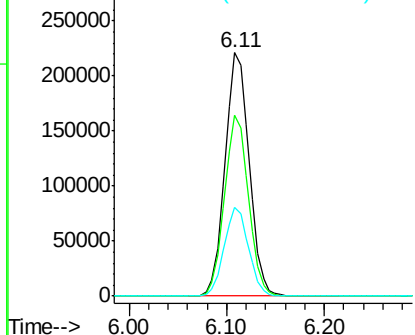
#5

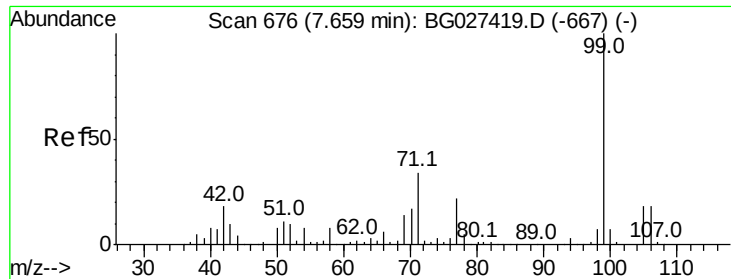
2-Fluorophenol
Concen: 130.90 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Tgt Ion:112 Resp: 378841
Ion Ratio Lower Upper
112 100
64 74.1 61.8 92.6
63 36.5 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: 121.27 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

PB99761BL

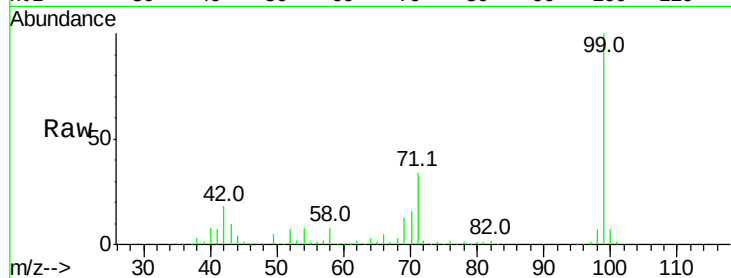
Tot Ion: 99 Resp: 539341

Ion Ratio Lower Upper

99 100

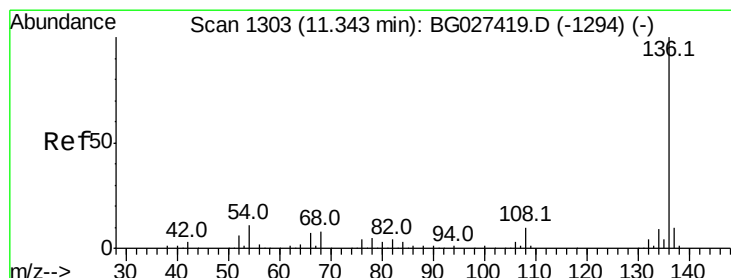
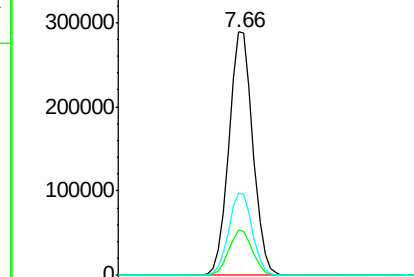
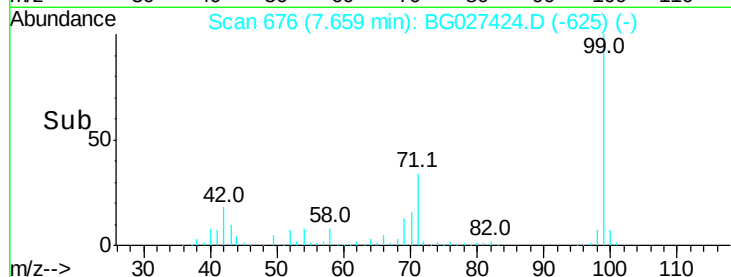
42 18.3 20.5 30.7#

71 33.9 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

7.66



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.34 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Tgt Ion: 136 Resp: 191666

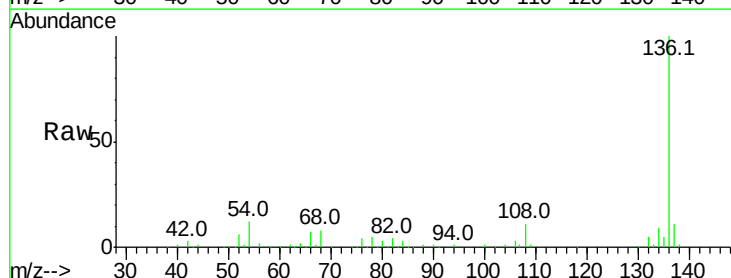
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

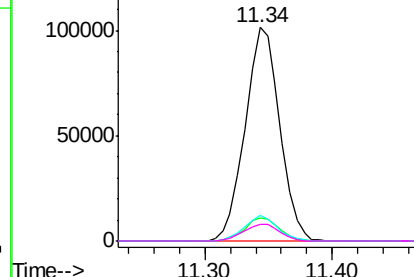
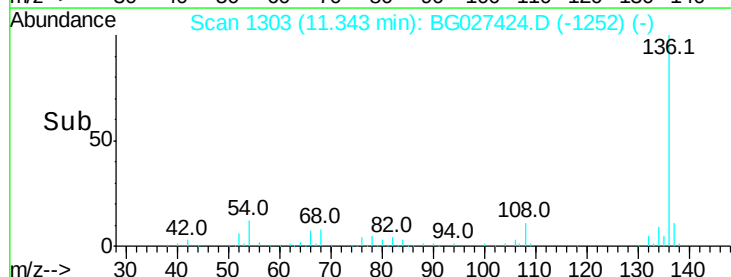
54 12.0 9.3 13.9

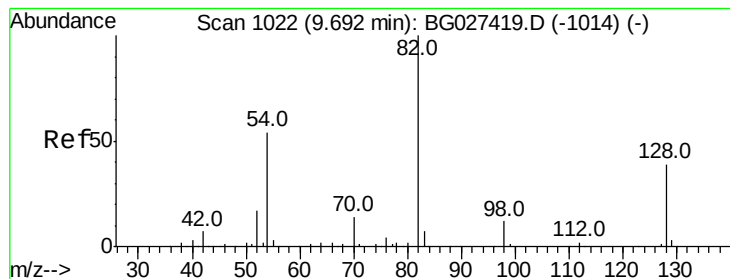
68 7.9 5.1 7.7#



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

11.34





#23

Nitrobenzene-d5

Concen: 82.14 ng

RT: 9.69 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

PB99761BL

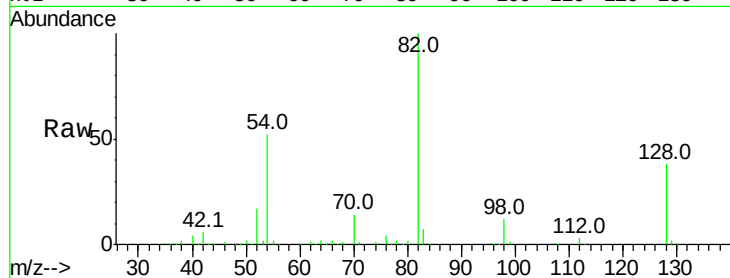
Tot Ion: 82 Resp: 308781

Ion Ratio Lower Upper

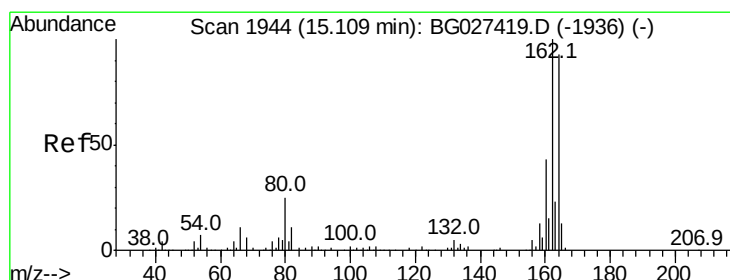
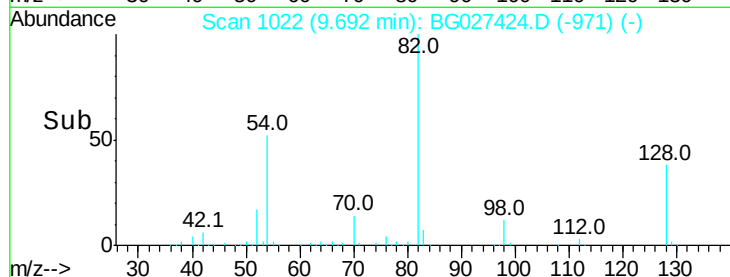
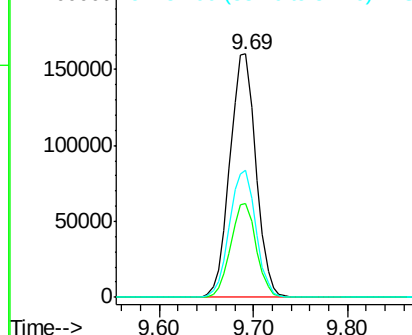
82 100

128 38.3 26.4 39.6

54 52.3 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: 20.00 ng

RT: 15.11 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

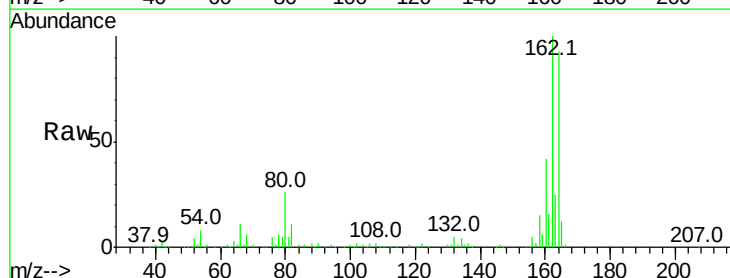
Tgt Ion:164 Resp: 127157

Ion Ratio Lower Upper

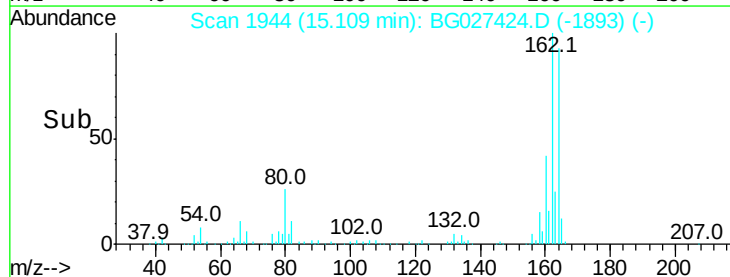
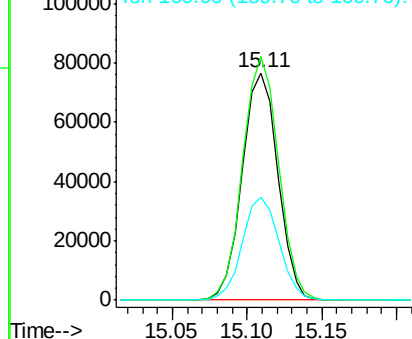
164 100

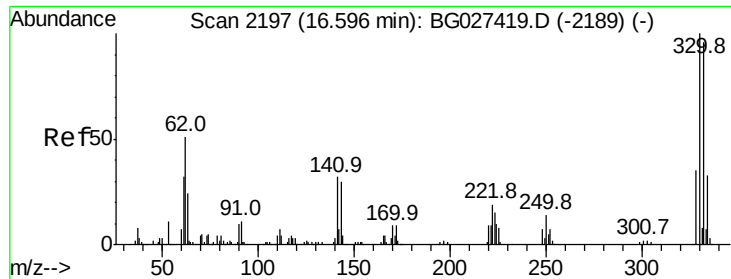
162 107.3 85.1 127.7

160 45.2 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

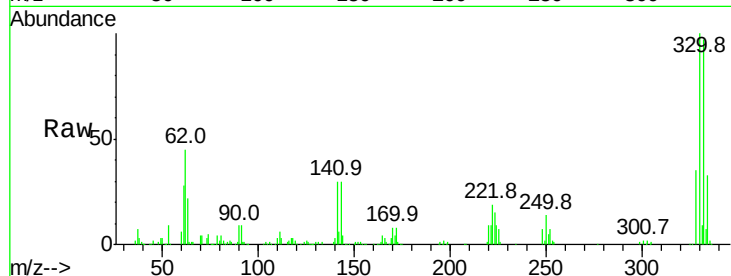




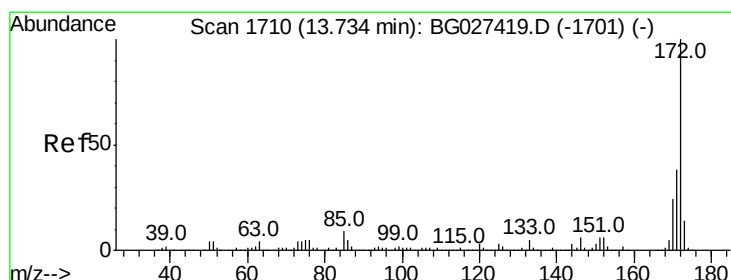
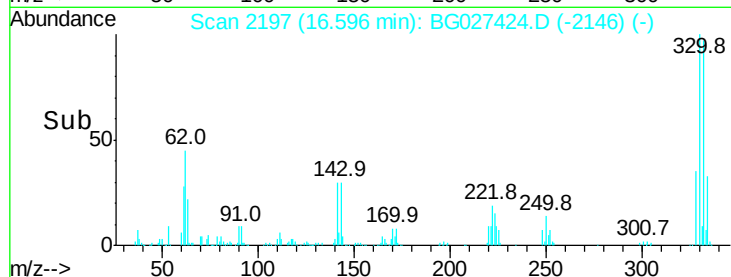
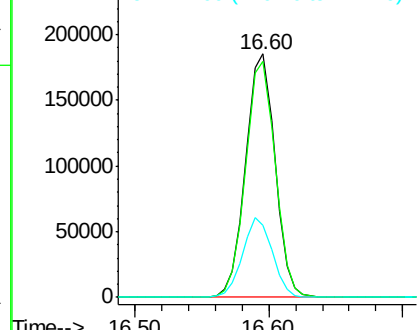
#41
 2,4,6-Tribromophenol
 Concen: 147.41 ng
 RT: 16.60 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: BG027424.D
 Acq: 14 Jun 2017 19:27

Instrument :
 BNA_G
 ClientSampleID :
 PB99761BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	33.3	32.1	48.1

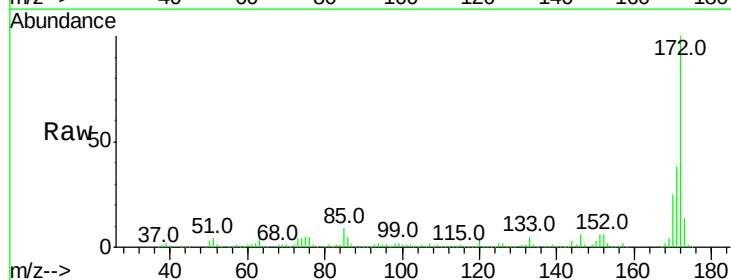


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

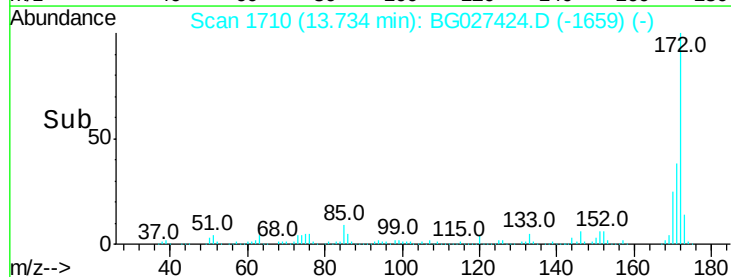
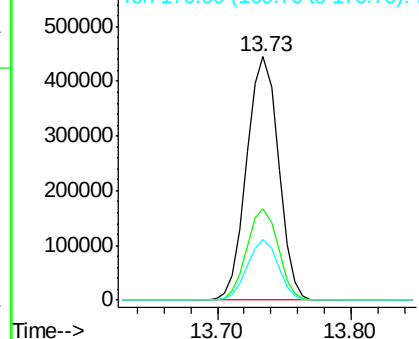


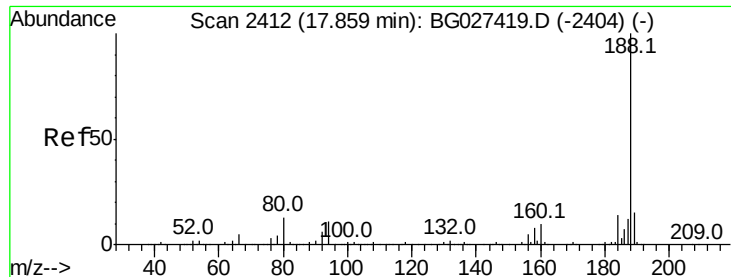
#44
 2-Fluorobiphenyl
 Concen: 83.18 ng
 RT: 13.73 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG027424.D
 Acq: 14 Jun 2017 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.6	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

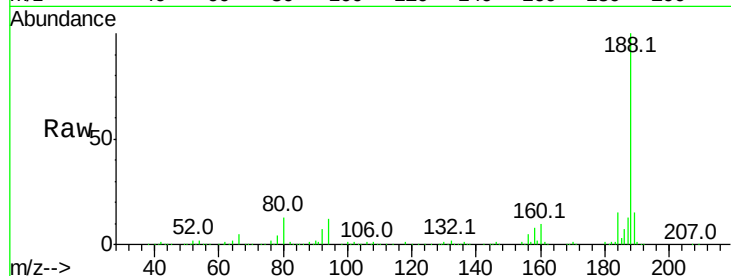




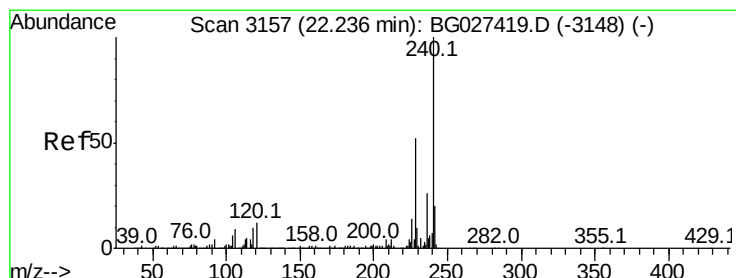
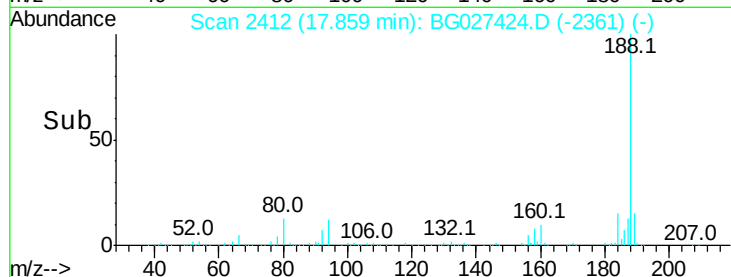
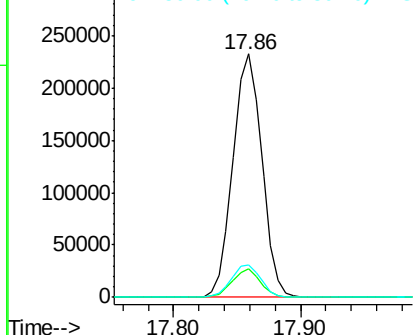
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Instrument :
BNA_G
ClientSampleId :
PB99761BL

Tot Ion:188 Resp: 367076
Ion Ratio Lower Upper
188 100
94 11.7 5.8 8.8#
80 13.4 7.5 11.3#

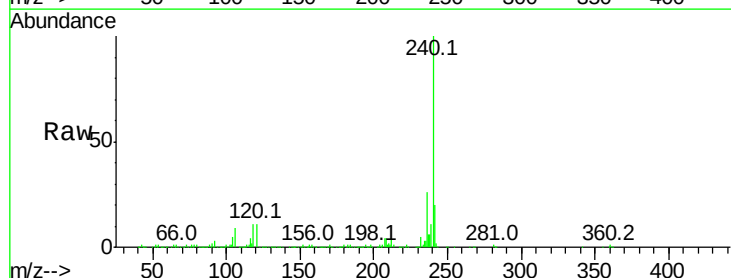


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

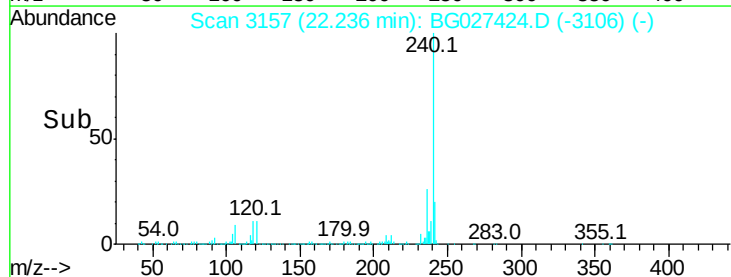
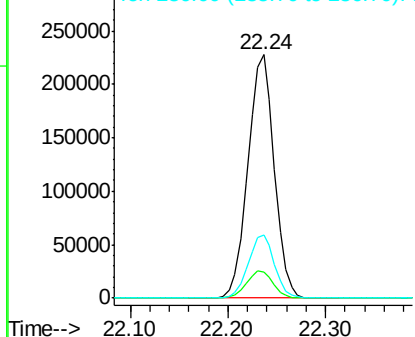


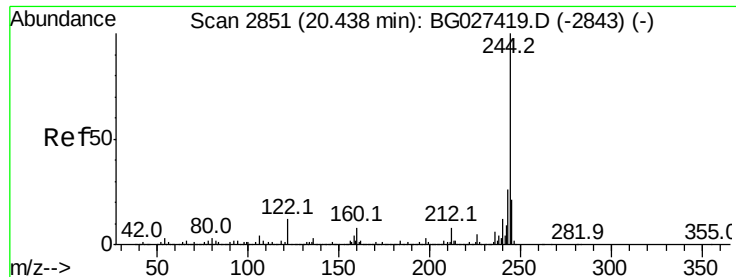
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.24 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG027424.D
Acq: 14 Jun 2017 19:27

Tgt Ion:240 Resp: 429963
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 26.0 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





#78

Terphenyl-d14

Concen: 87.97 ng

RT: 20.44 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

Instrument :

BNA_G

ClientSampleId :

PB99761BL

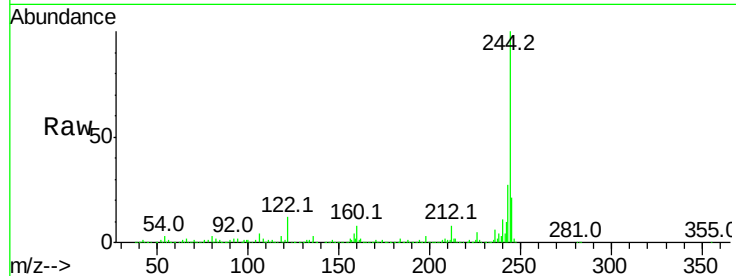
Tot Ion:244 Resp: 1475833

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

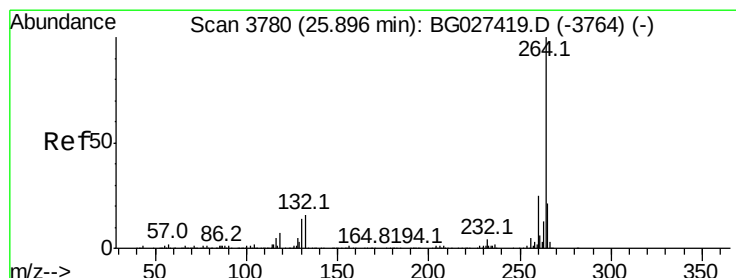
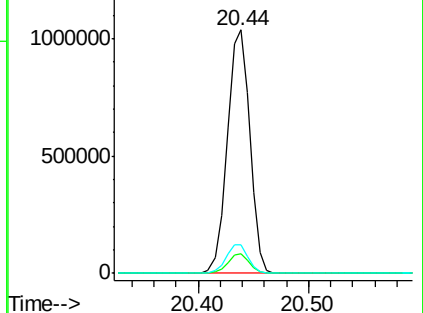
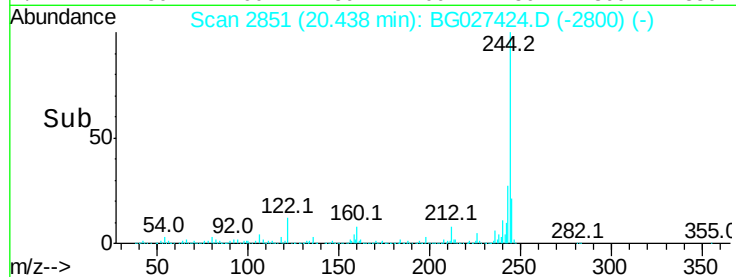
122 11.9 8.6 12.8



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: 25.89 min Scan# 3779

Delta R.T. -0.01 min

Lab File: BG027424.D

Acq: 14 Jun 2017 19:27

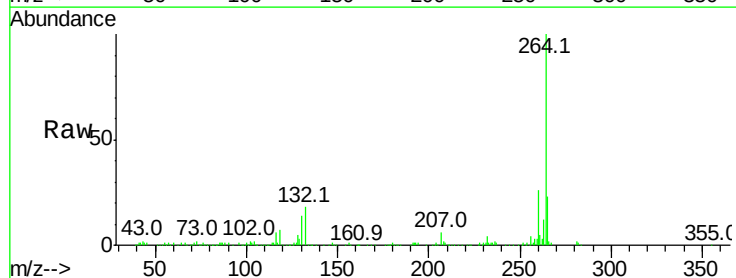
Tgt Ion:264 Resp: 412345

Ion Ratio Lower Upper

264 100

260 25.9 21.8 32.8

265 22.6 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

