

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027604.D
 Acq On : 22 Jun 2017 20:14
 Operator : SJ/JU
 Sample : PB100021TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 02:10:17 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	18169	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	85655	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	54022	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	173771	20.00	ng	0.00
75) Chrysene-d12	22.21	240	205098	20.00	ng	0.00
86) Perylene-d12	25.84	264	197740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	157415	123.31	ng	0.00
7) Phenol-d6	7.64	99	210714	111.49	ng	0.00
23) Nitrobenzene-d5	9.67	82	133092	73.52	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	115128	142.95	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	301024	76.12	ng	0.00
78) Terphenyl-d14	20.42	244	759228	87.22	ng	0.00

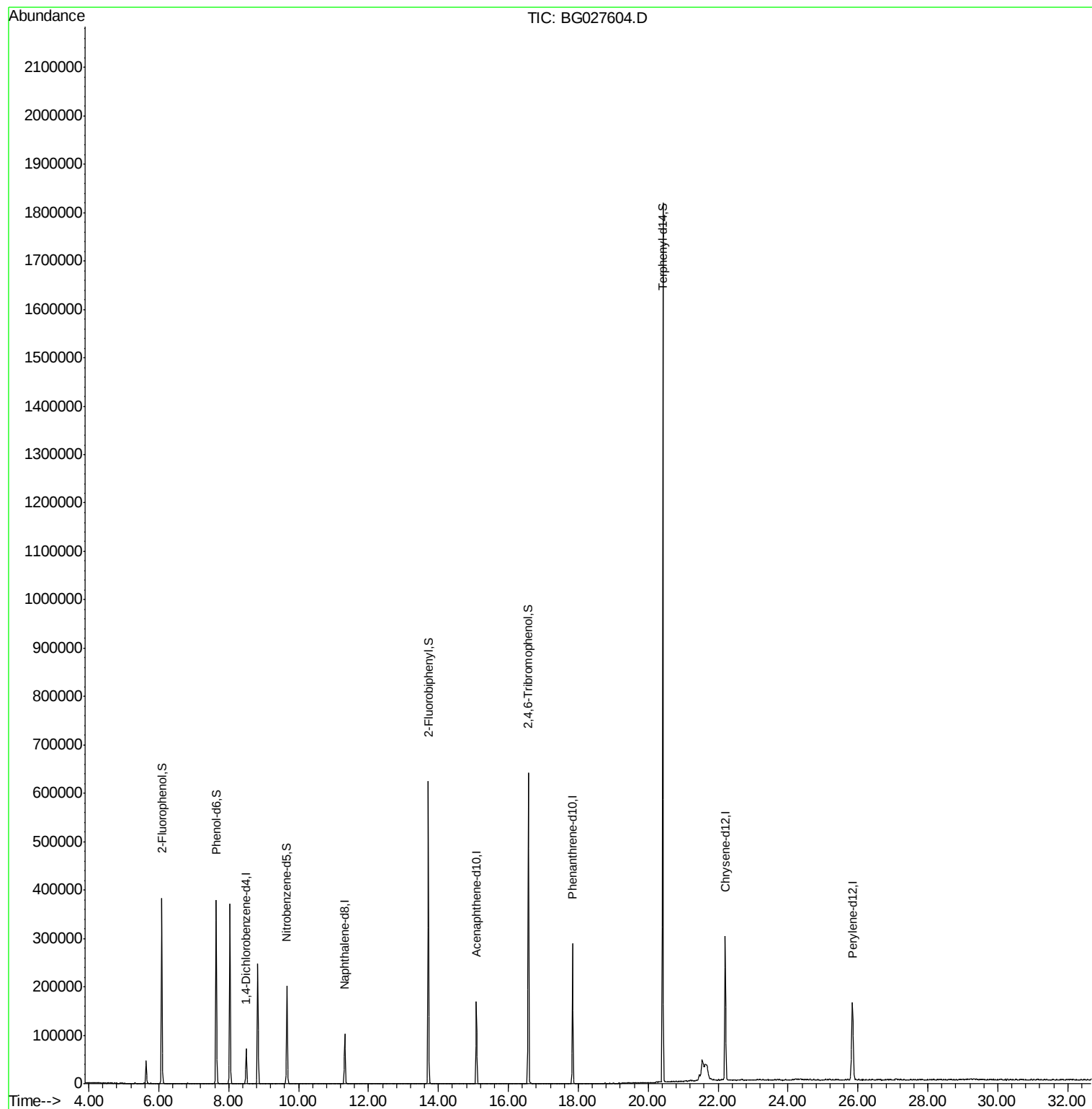
Target Compounds Qvalue

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

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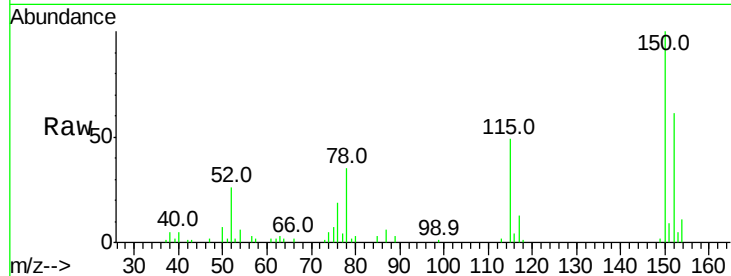


#1

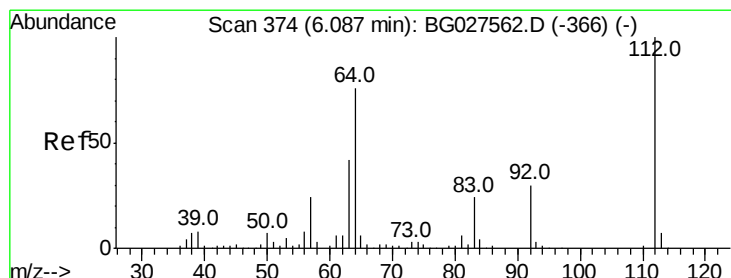
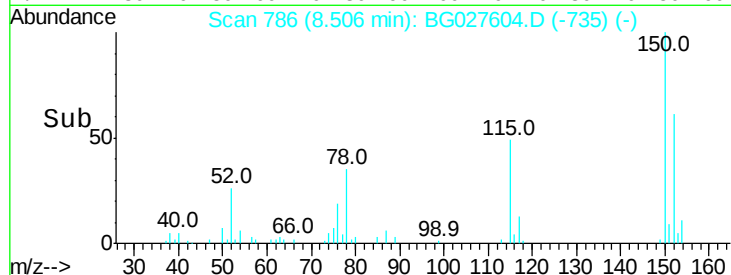
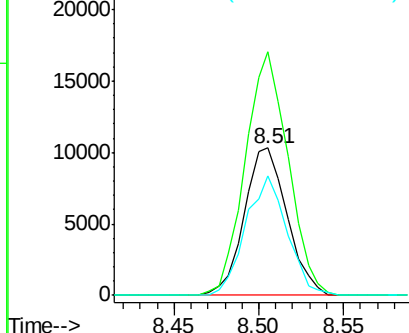
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027604.D
Acq: 22 Jun 2017 20:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 18169
Ion Ratio Lower Upper
152 100
150 165.2 114.0 171.0
115 80.7 48.1 72.1#



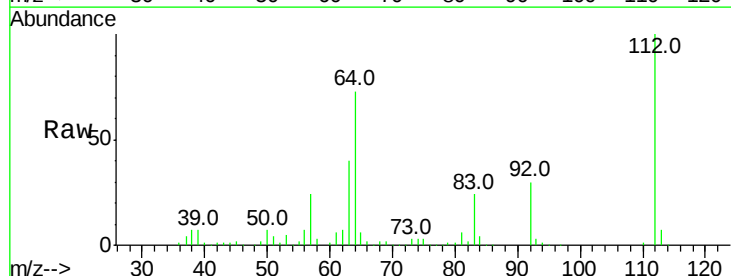
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



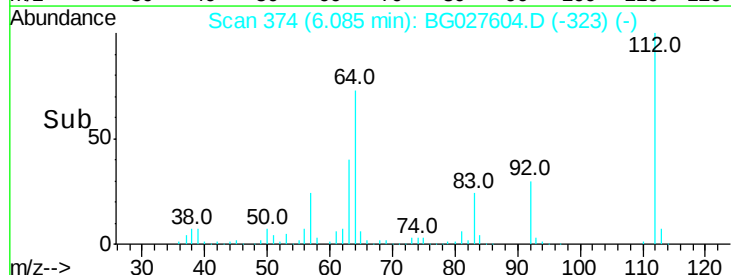
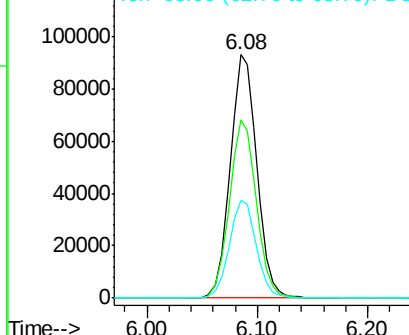
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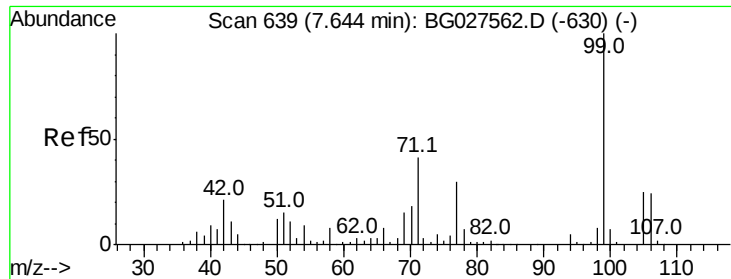
2-Fluorophenol
Concen: 123.31 ng
RT: 6.08 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027604.D
Acq: 22 Jun 2017 20:14

Tgt Ion:112 Resp: 157415
Ion Ratio Lower Upper
112 100
64 73.5 61.8 92.6
63 40.4 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: 111.49 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027604.D

Acq: 22 Jun 2017 20:14

Instrument :

BNA_G

ClientSampleId :

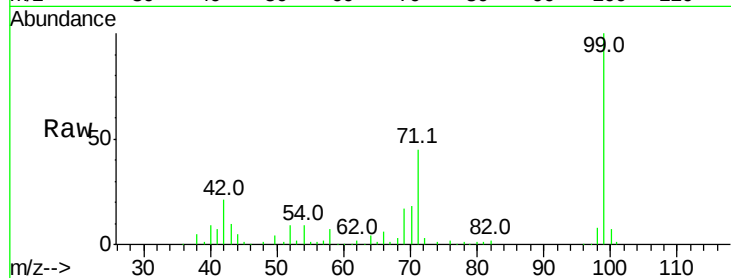
Tot Ion: 99 Resp: 210714

Ion Ratio Lower Upper

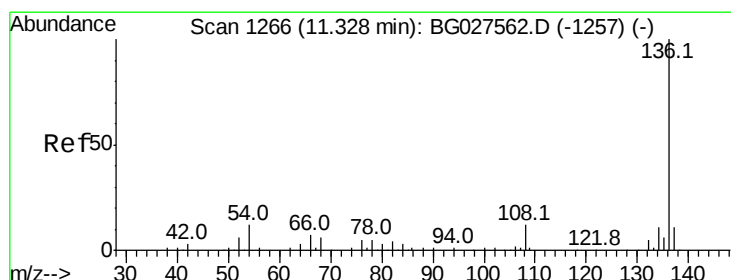
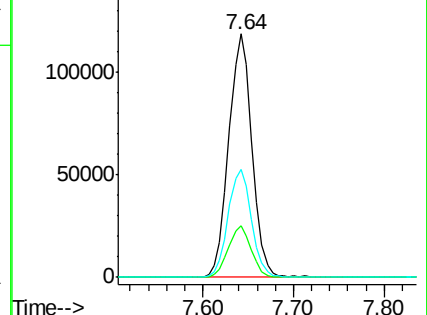
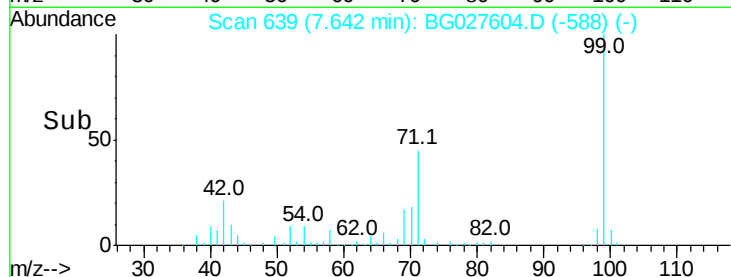
99 100

42 21.4 20.5 30.7

71 44.6 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: 20.00 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027604.D

Acq: 22 Jun 2017 20:14

Tgt Ion: 136 Resp: 85655

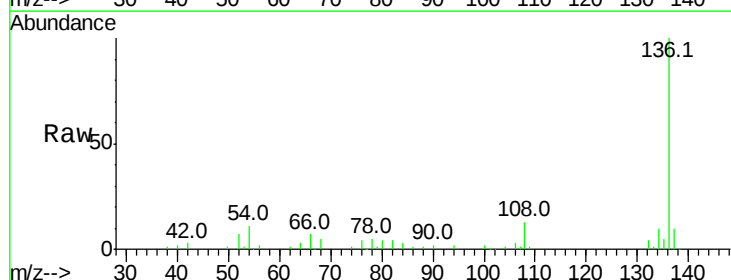
Ion Ratio Lower Upper

136 100

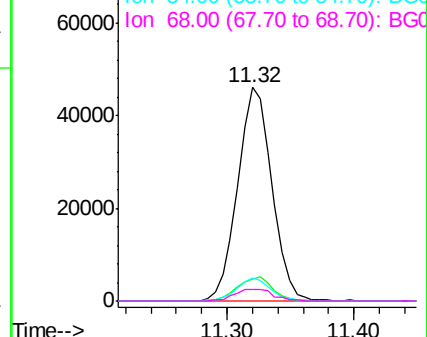
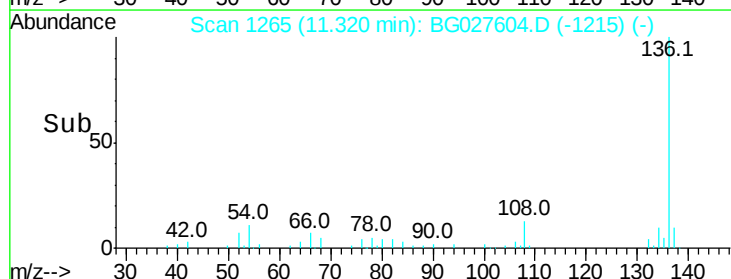
137 10.1 8.9 13.3

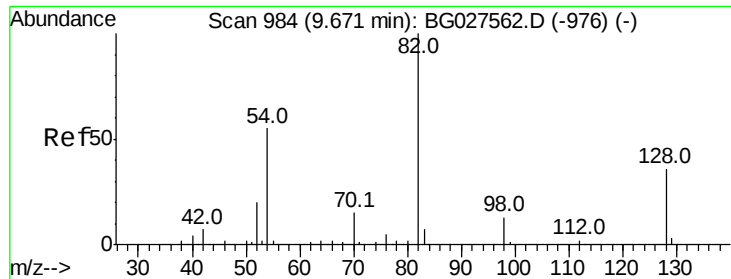
54 10.9 9.3 13.9

68 5.2 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

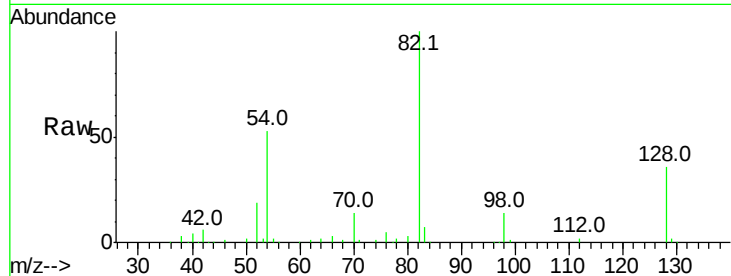




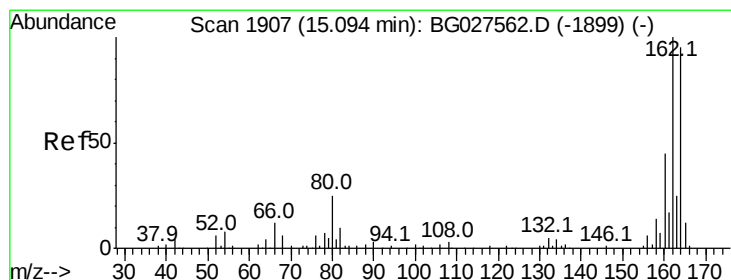
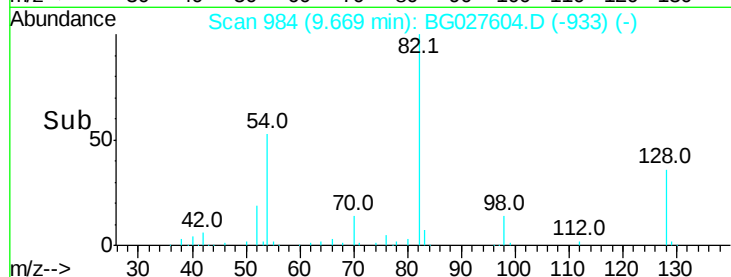
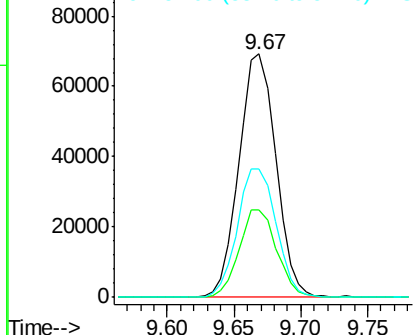
#23
 Nitrobenzene-d5
 Concen: 73.52 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027604.D
 Acq: 22 Jun 2017 20:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	133092
Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.4	39.6
54	52.5	49.4	74.2

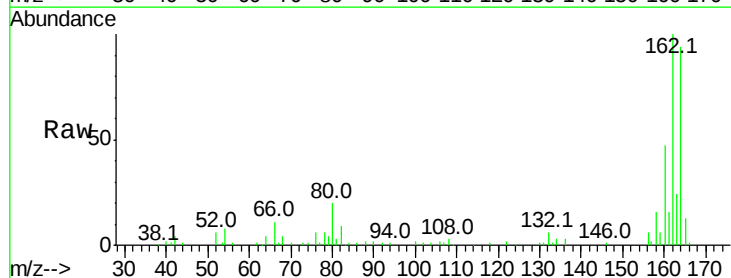


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

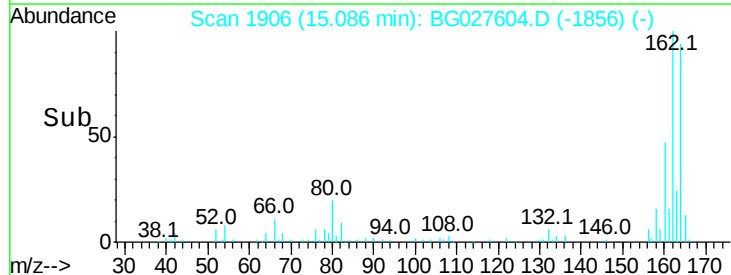
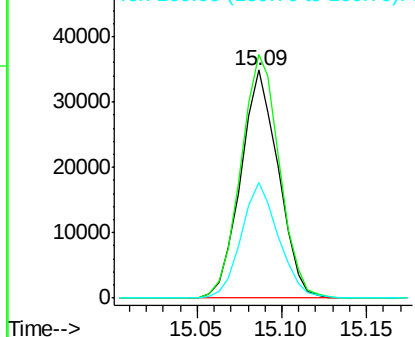


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027604.D
 Acq: 22 Jun 2017 20:14

Tgt Ion	164	Resp	54022
Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	50.6	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

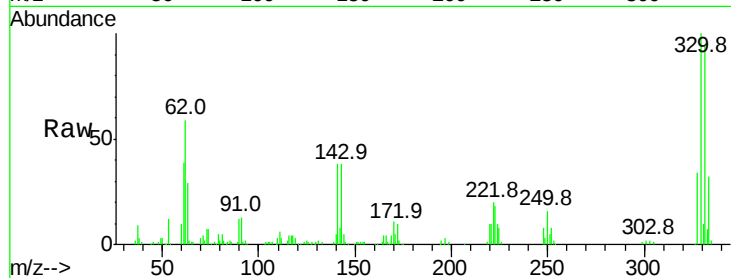




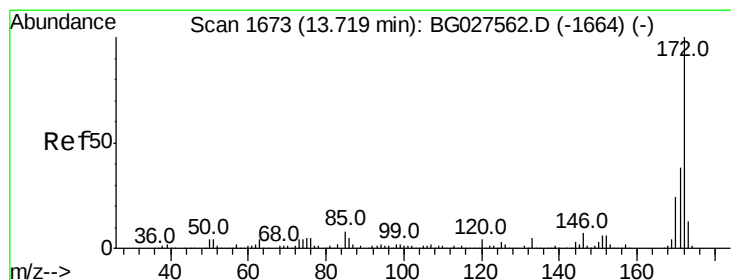
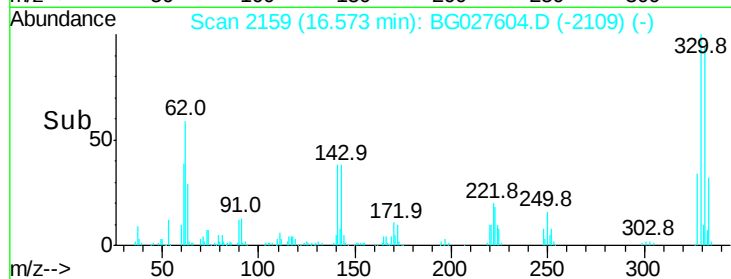
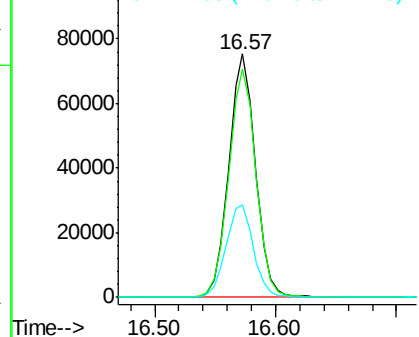
#41
 2,4,6-Tribromophenol
 Concen: 142.95 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027604.D
 Acq: 22 Jun 2017 20:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	38.6	32.1	48.1

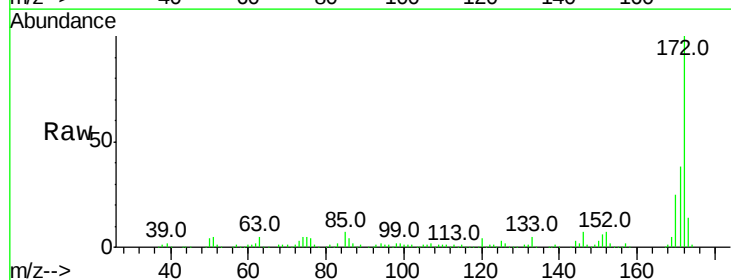


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

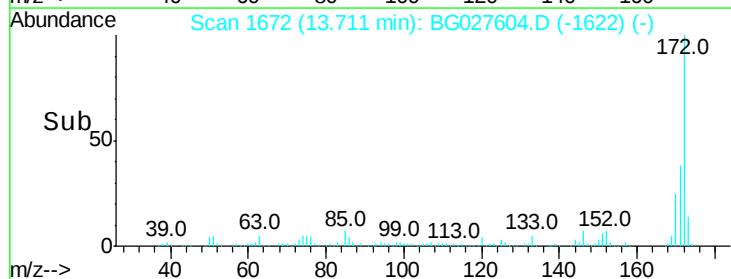
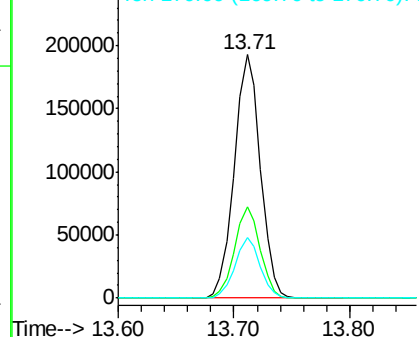


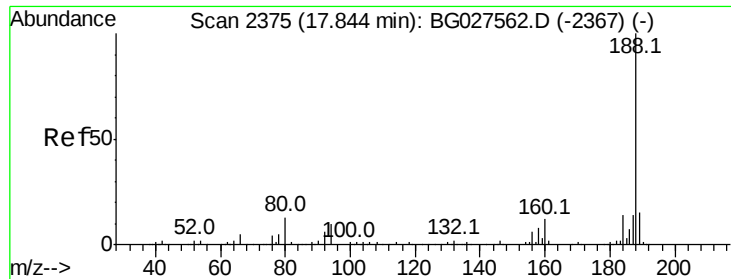
#44
 2-Fluorobiphenyl
 Concen: 76.12 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027604.D
 Acq: 22 Jun 2017 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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

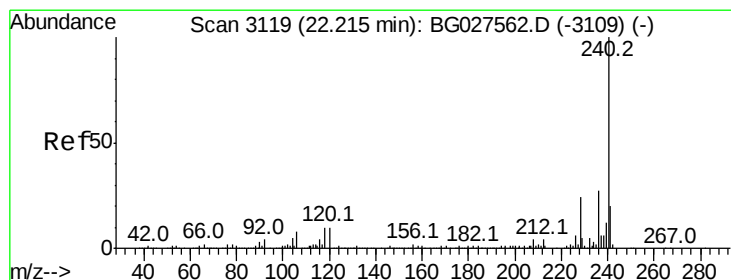
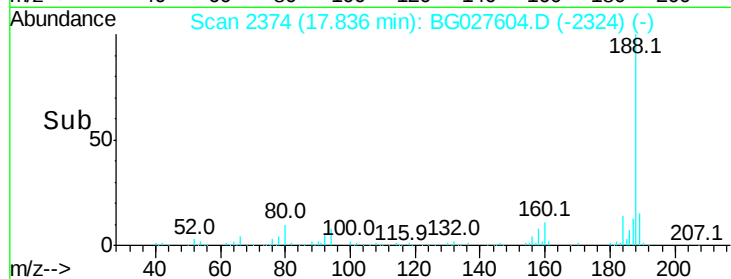
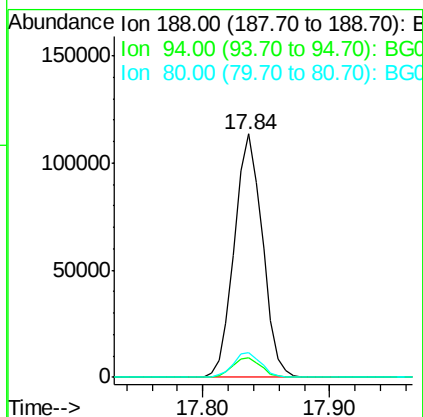
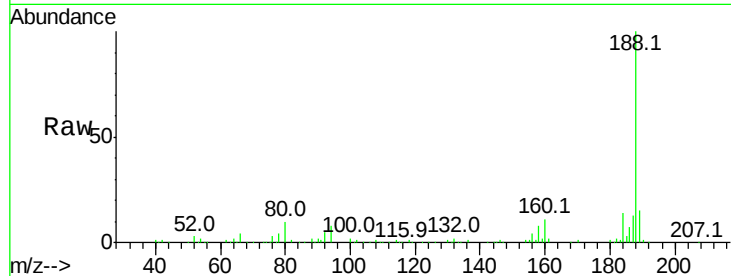




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027604.D
Acq: 22 Jun 2017 20:14

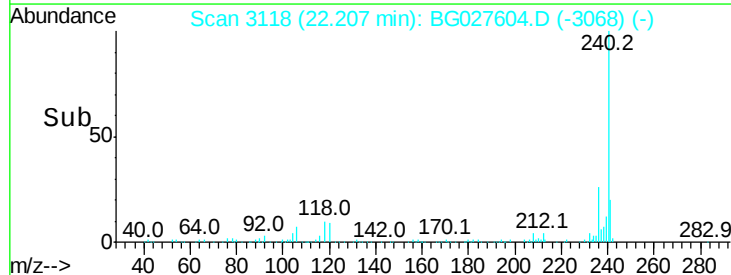
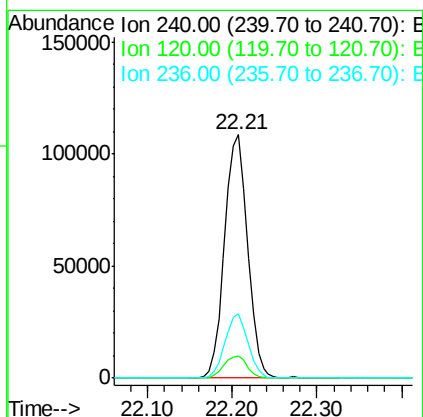
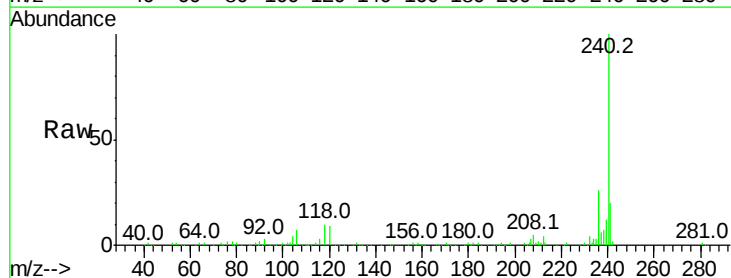
Instrument :
BNA_G
ClientSampleId :

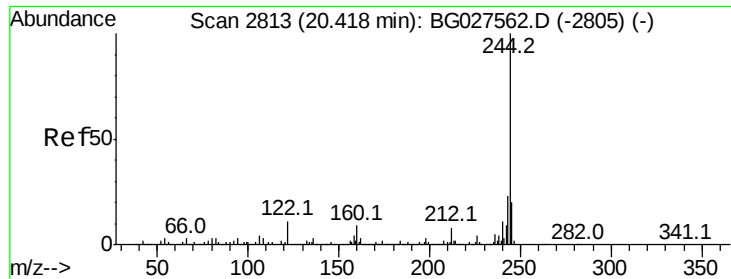
Tot Ion:188 Resp: 173771
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.8
80 10.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027604.D
Acq: 22 Jun 2017 20:14

Tgt Ion:240 Resp: 205098
Ion Ratio Lower Upper
240 100
120 9.3 5.7 8.5#
236 26.5 22.2 33.4





#78

Terphenyl-d14

Concen: 87.22 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027604.D

Acq: 22 Jun 2017 20:14

Instrument :

BNA_G

ClientSampleId :

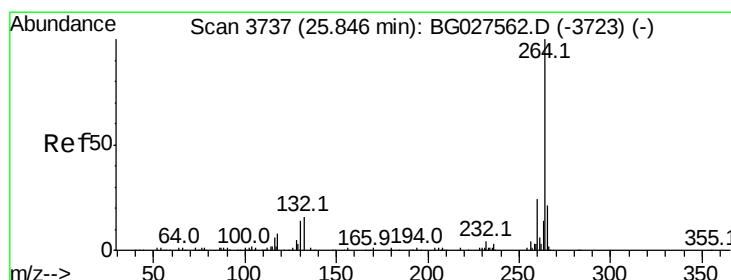
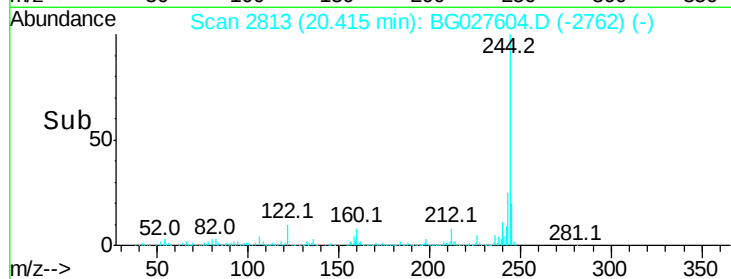
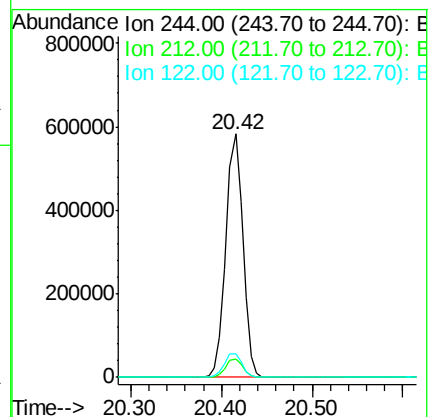
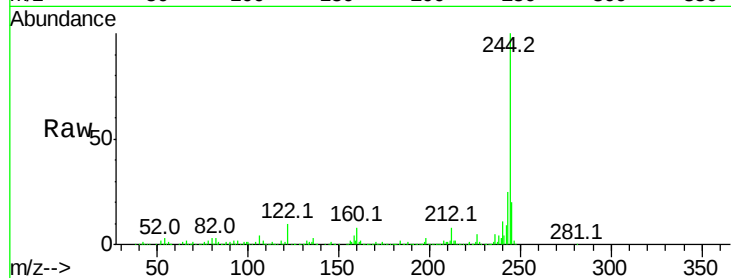
Tot Ion:244 Resp: 759228

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 9.6 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027604.D

Acq: 22 Jun 2017 20:14

Tgt Ion:264 Resp: 197740

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 22.5 18.2 27.4

