

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027605.D
 Acq On : 22 Jun 2017 20:53
 Operator : SJ/JU
 Sample : I3802-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 02:10:28 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	19806	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87725	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	52366	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	157616	20.00	ng	0.00
75) Chrysene-d12	22.20	240	180155	20.00	ng	-0.01
86) Perylene-d12	25.84	264	171684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	143005	102.76	ng	0.00
7) Phenol-d6	7.64	99	178385	86.59	ng	0.00
23) Nitrobenzene-d5	9.67	82	133099	71.79	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	107849	138.15	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	295393	77.05	ng	0.00
78) Terphenyl-d14	20.42	244	695857	91.00	ng	0.00

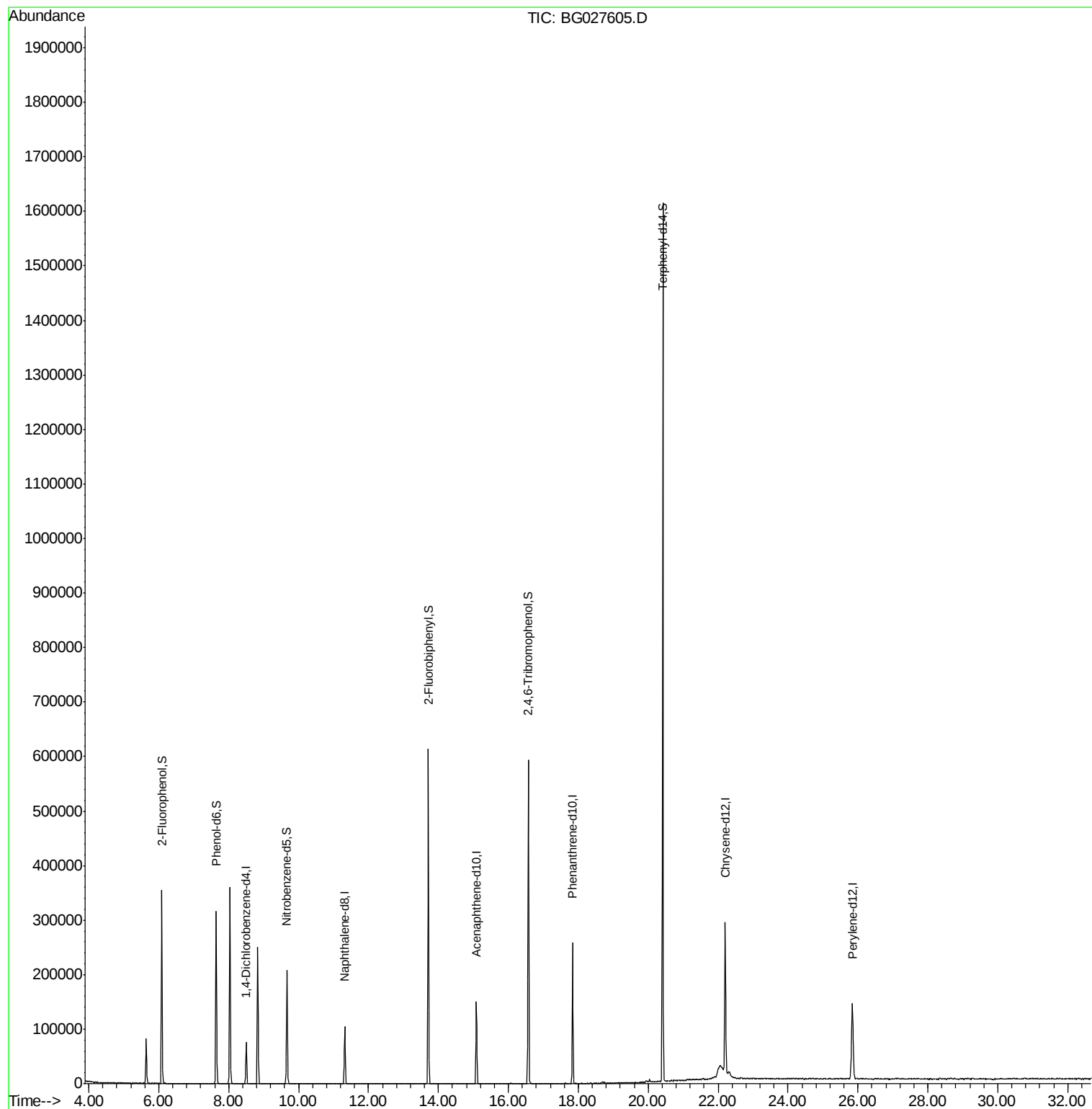
Target Compounds Qvalue

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

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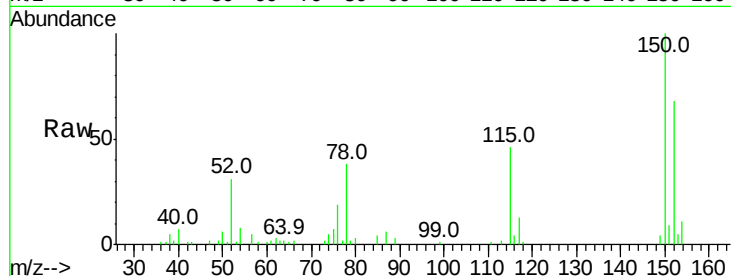


#1

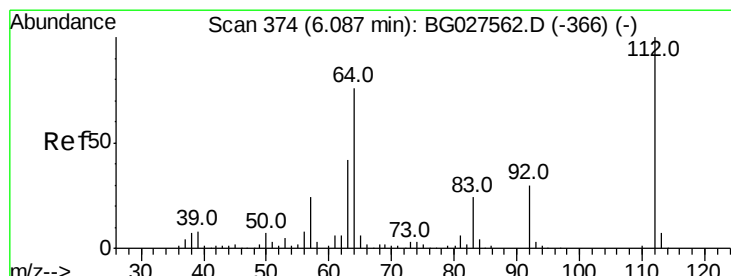
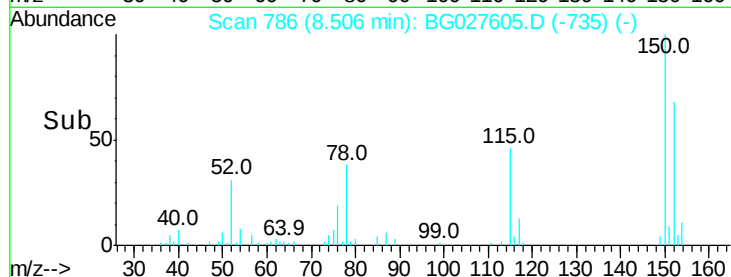
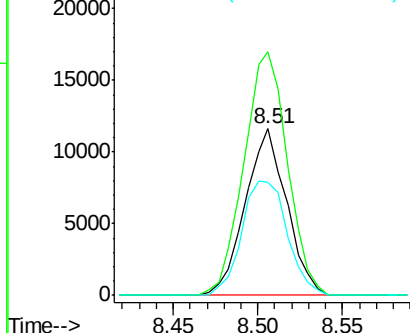
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19806
Ion Ratio Lower Upper
152 100
150 146.3 114.0 171.0
115 67.8 48.1 72.1



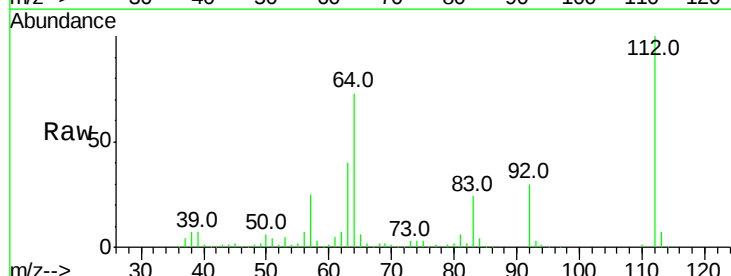
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



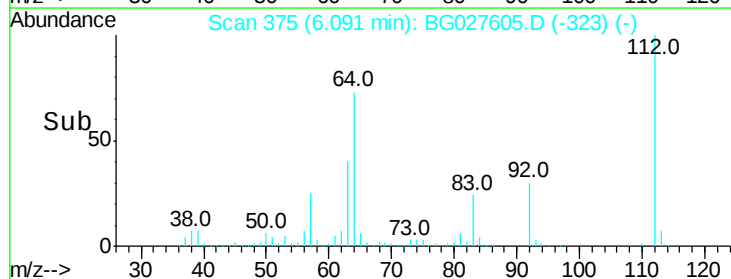
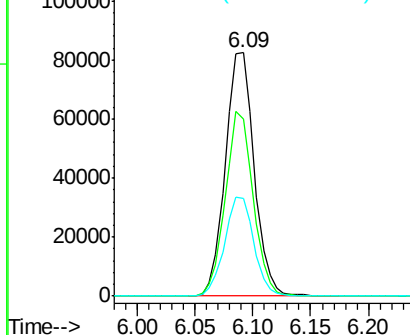
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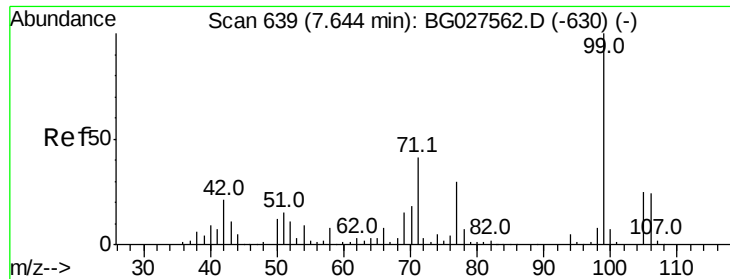
2-Fluorophenol
Concen: 102.76 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Tgt Ion:112 Resp: 143005
Ion Ratio Lower Upper
112 100
64 72.9 61.8 92.6
63 40.3 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: 86.59 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027605.D

Acq: 22 Jun 2017 20:53

Instrument :

BNA_G

ClientSampled :

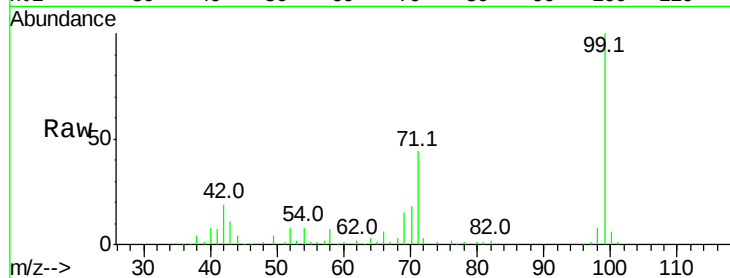
Tot Ion: 99 Resp: 178385

Ion Ratio Lower Upper

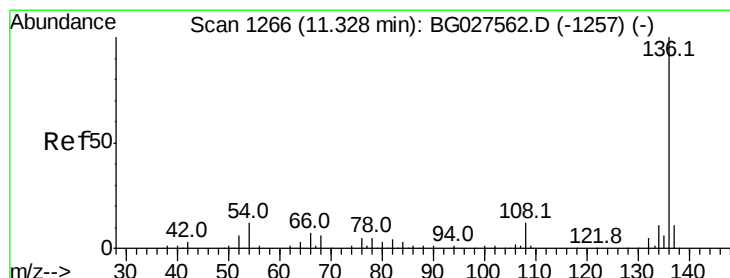
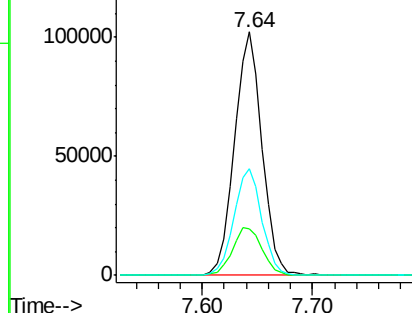
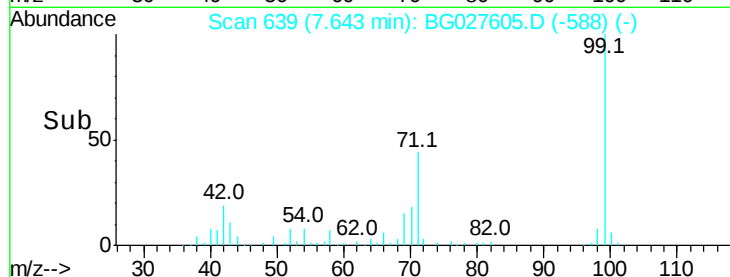
99 100

42 19.4 20.5 30.7#

71 43.6 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: BG027605.D

Acq: 22 Jun 2017 20:53

Tgt Ion: 136 Resp: 87725

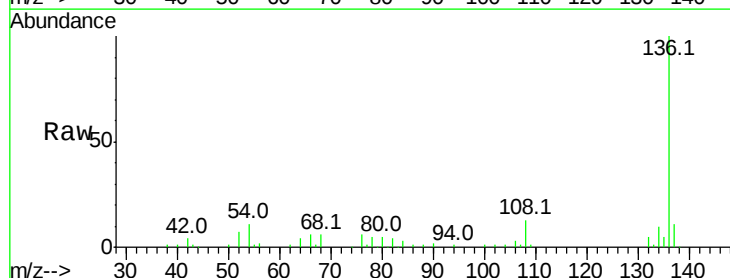
Ion Ratio Lower Upper

136 100

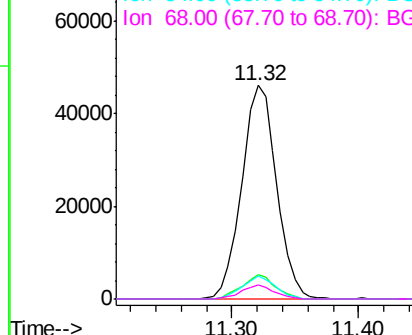
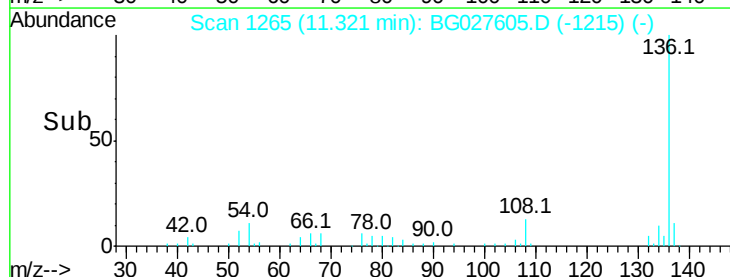
137 11.2 8.9 13.3

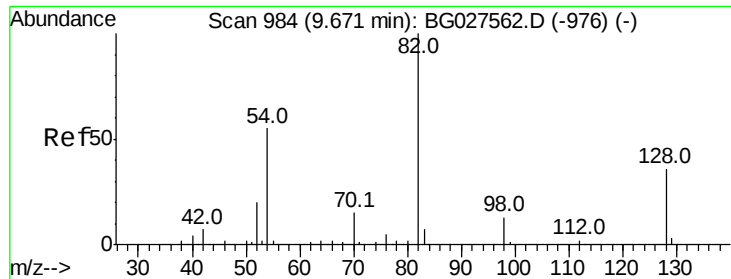
54 10.9 9.3 13.9

68 6.3 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

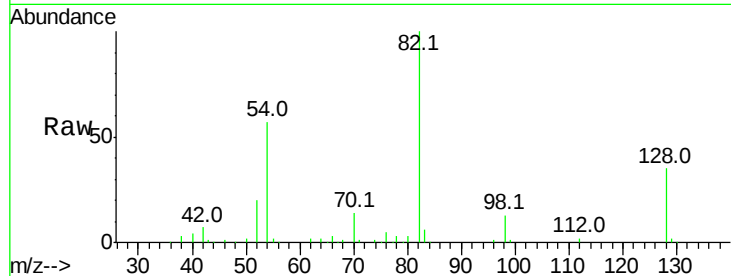




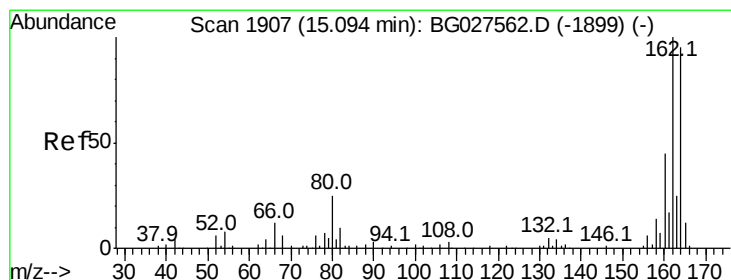
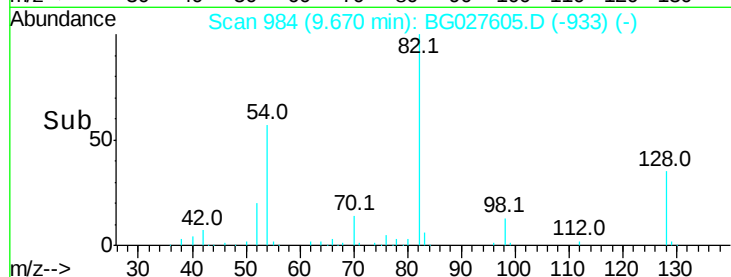
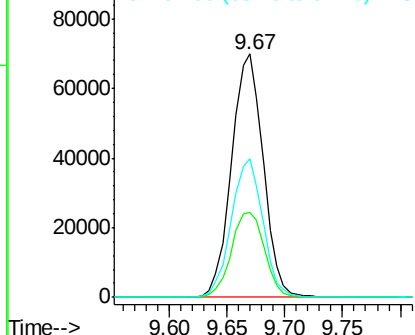
#23
 Nitrobenzene-d5
 Concen: 71.79 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027605.D
 Acq: 22 Jun 2017 20:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 133099
 Ion Ratio Lower Upper
 82 100
 128 35.1 26.4 39.6
 54 56.9 49.4 74.2

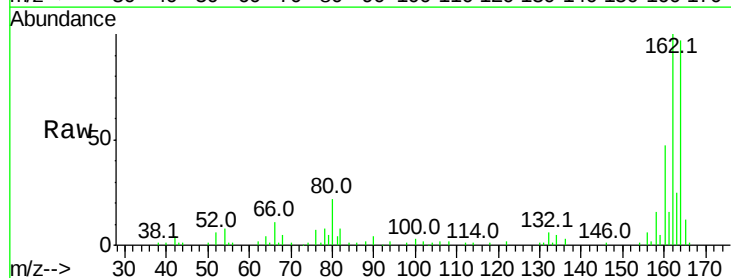


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

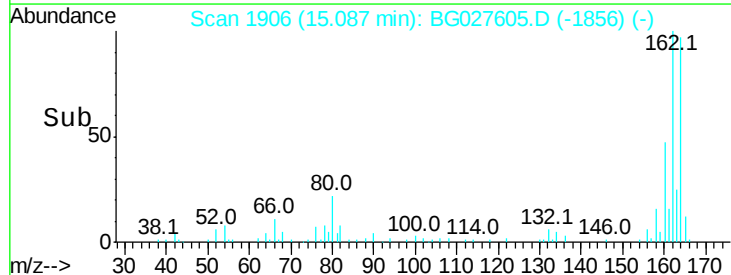
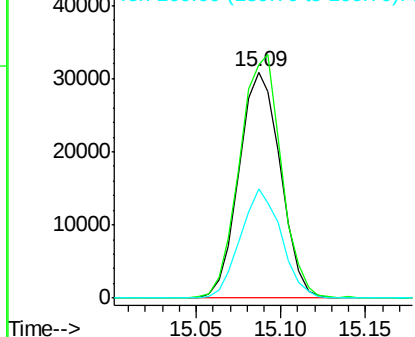


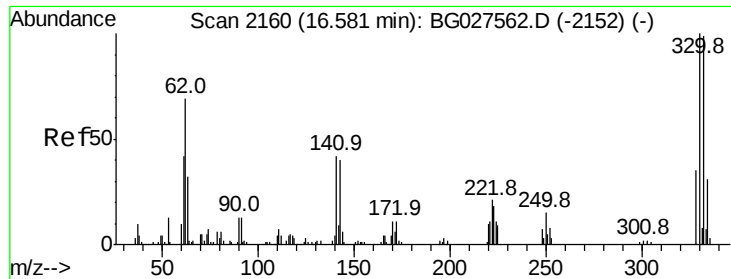
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027605.D
 Acq: 22 Jun 2017 20:53

Tgt Ion:164 Resp: 52366
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.1 127.7
 160 48.4 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

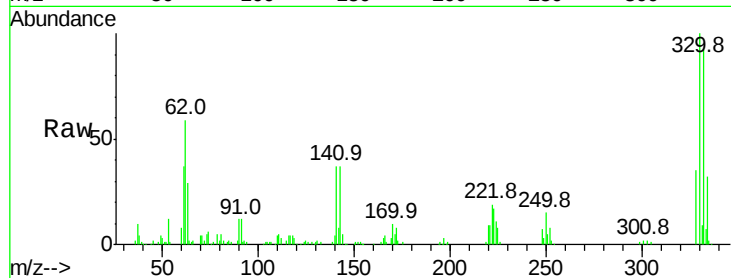




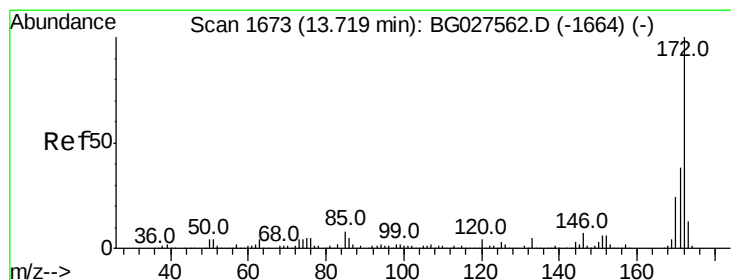
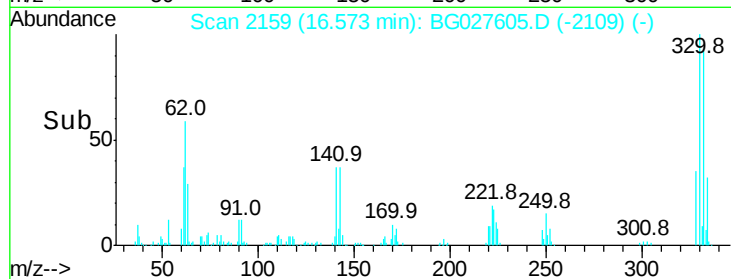
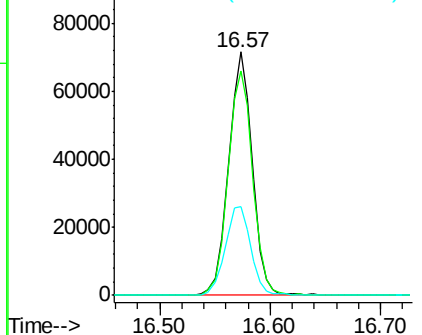
#41
 2,4,6-Tribromophenol
 Concen: 138.15 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027605.D
 Acq: 22 Jun 2017 20:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	39.3	32.1	48.1

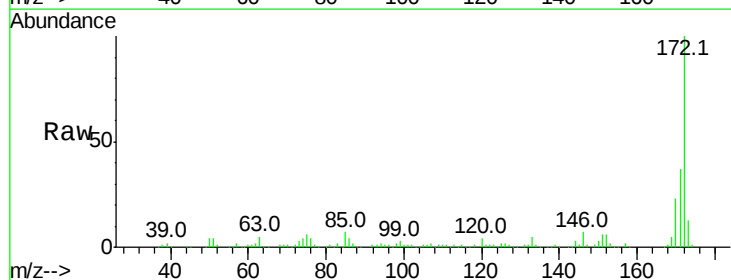


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

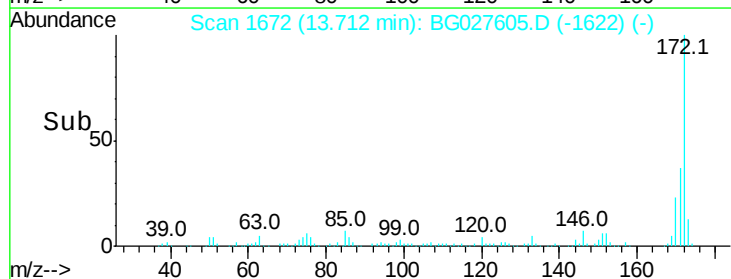
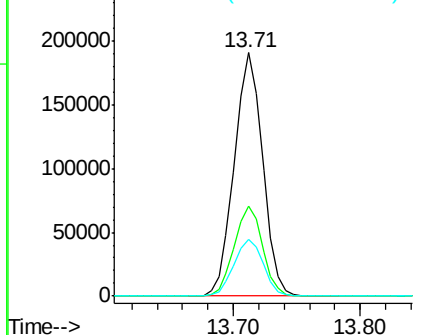


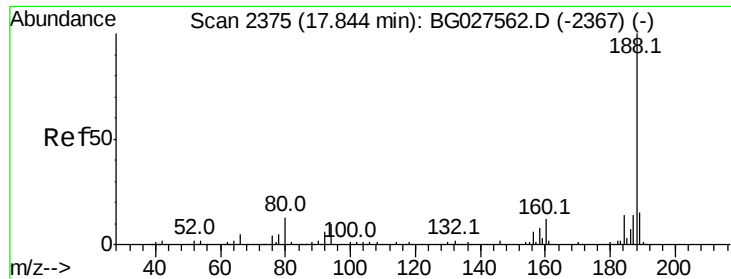
#44
 2-Fluorobiphenyl
 Concen: 77.05 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027605.D
 Acq: 22 Jun 2017 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	23.5	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

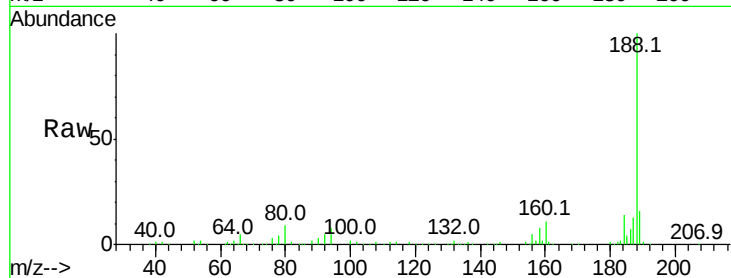




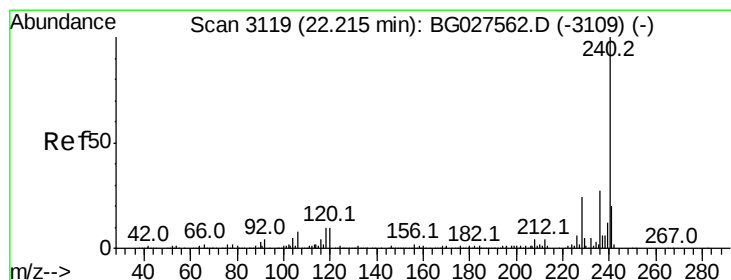
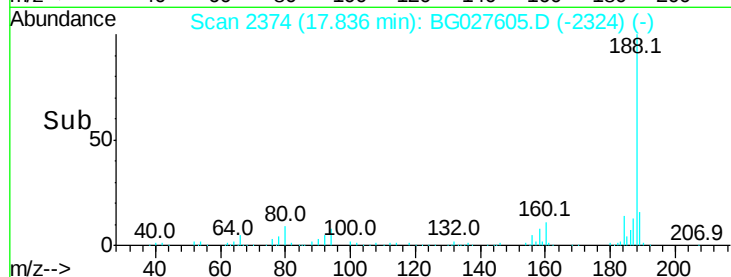
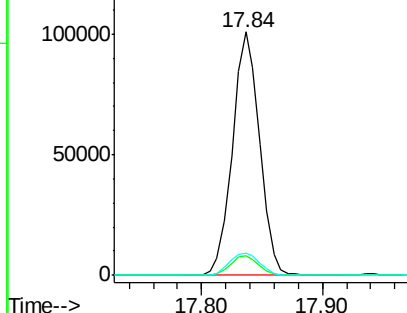
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 157616
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.8
80 9.2 7.5 11.3

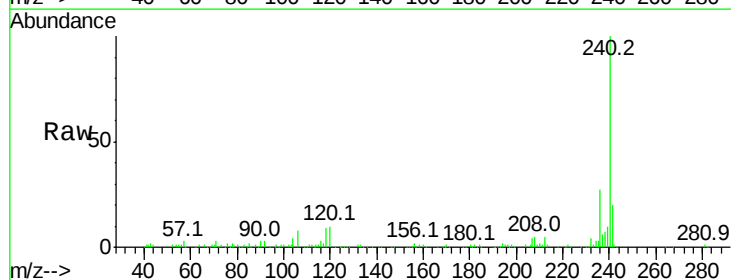


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

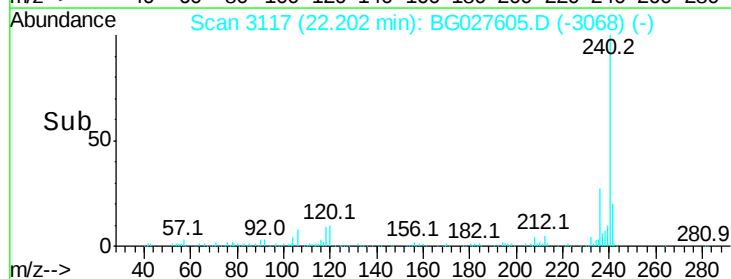
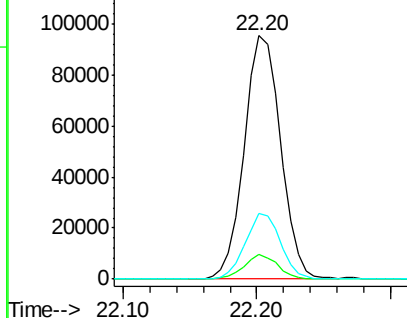


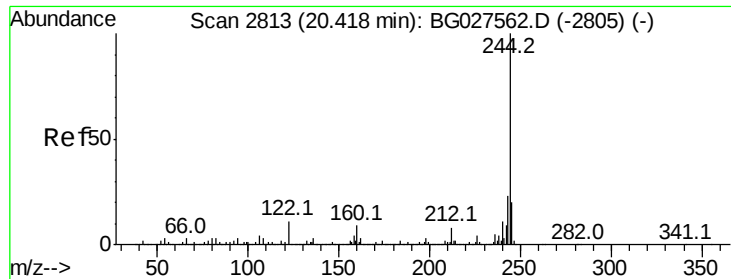
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Tgt Ion:240 Resp: 180155
Ion Ratio Lower Upper
240 100
120 10.4 5.7 8.5#
236 27.2 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

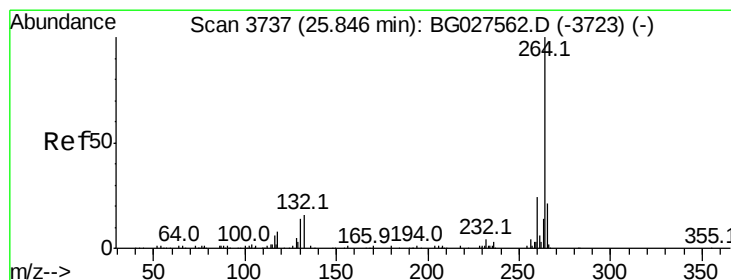
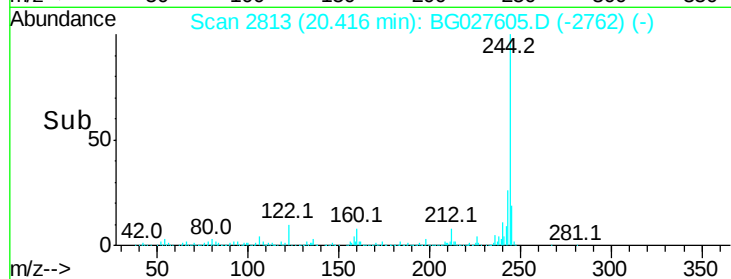
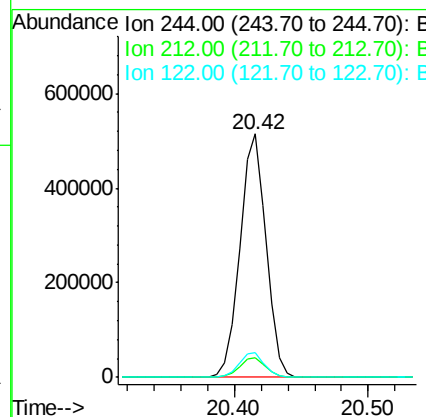
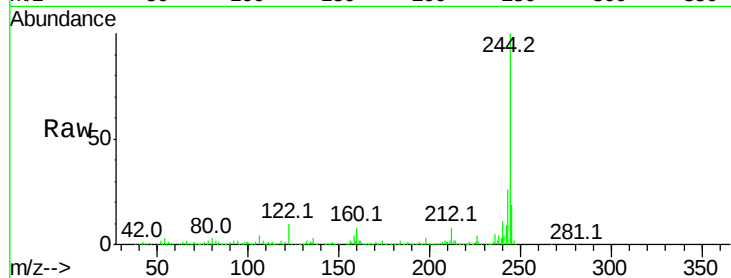




#78
 Terphenyl-d14
 Concen: 91.00 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027605.D
 Acq: 22 Jun 2017 20:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 695857
 Ion Ratio Lower Upper
 244 100
 212 8.1 10.0 15.0#
 122 9.9 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: BG027605.D
 Acq: 22 Jun 2017 20:53

Tgt Ion:264 Resp: 171684
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.8 32.8
 265 24.3 18.2 27.4

