

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027685.D
 Acq On : 26 Jun 2017 21:48
 Operator : SJ/JU
 Sample : I3884-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:29:49 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	8.49	152	13132	20.00	ng	-0.02
21) Naphthalene-d8	11.31	136	58994	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	39686	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	129119	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	150744	20.00	ng	-0.03
86) Perylene-d12	25.81	264	144860	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	51086	55.37	ng	-0.02
7) Phenol-d6	7.63	99	64449	47.18	ng	-0.02
23) Nitrobenzene-d5	9.65	82	45509	36.50	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	18069	30.54	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	111363	38.33	ng	-0.02
78) Terphenyl-d14	20.40	244	264260	41.30	ng	-0.02

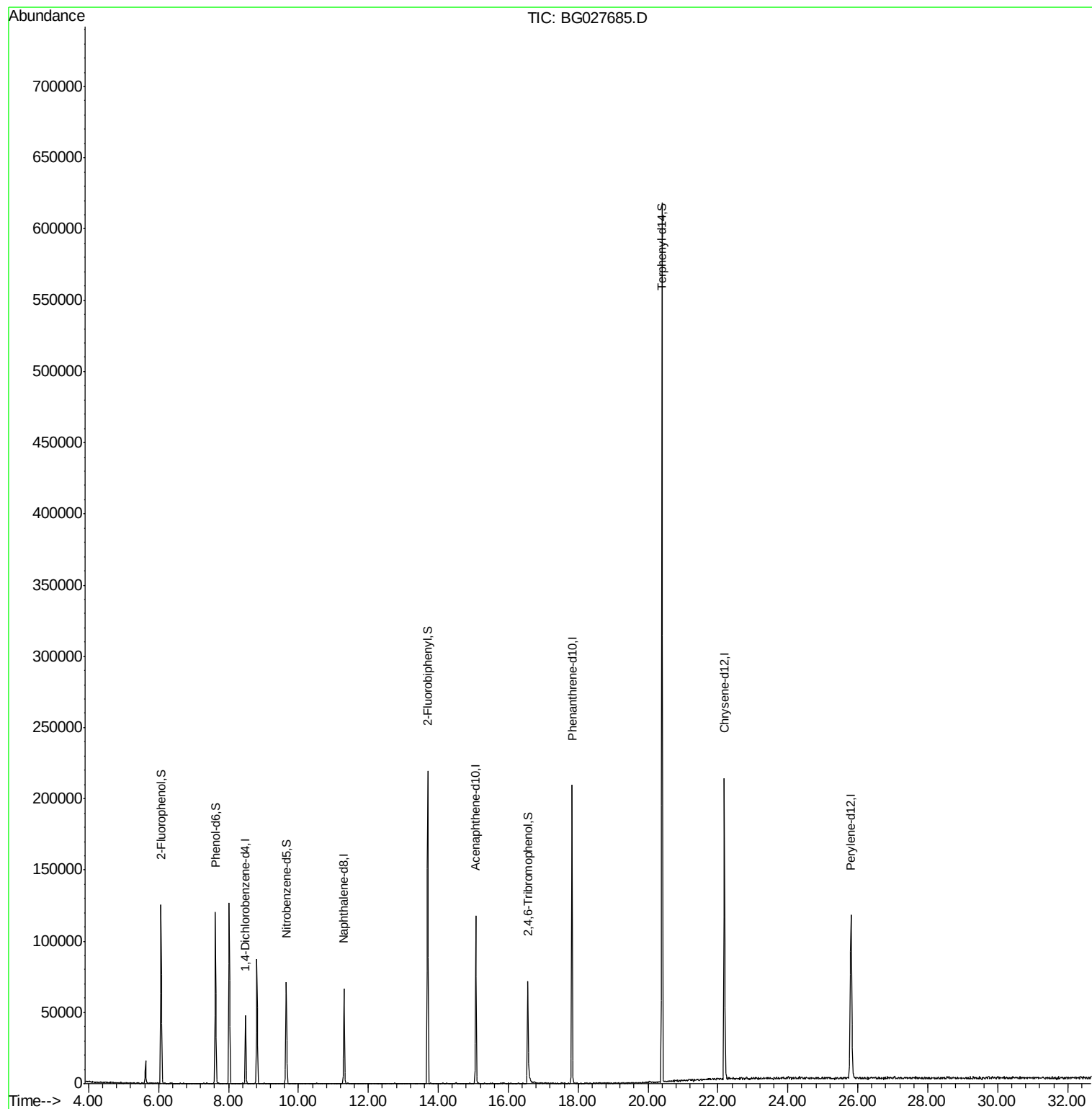
Target Compounds Qvalue

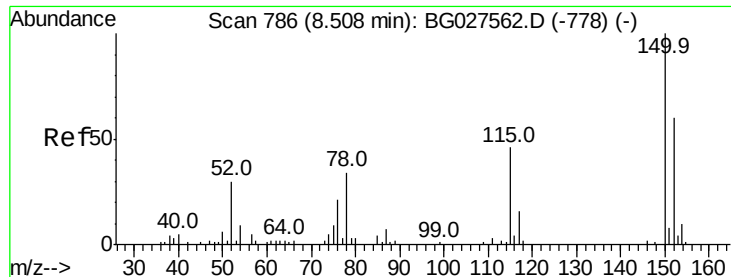
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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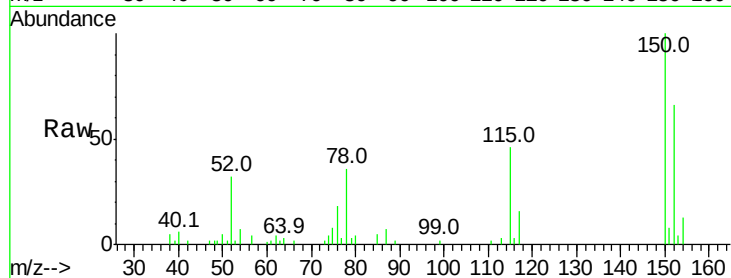


#1

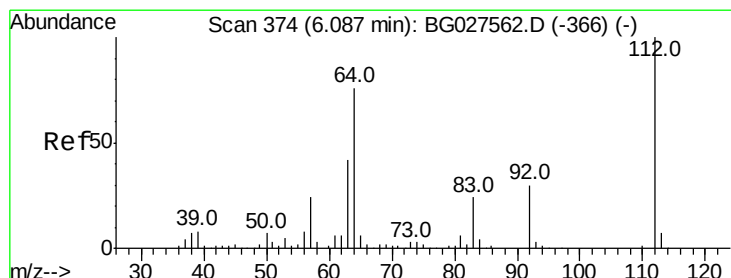
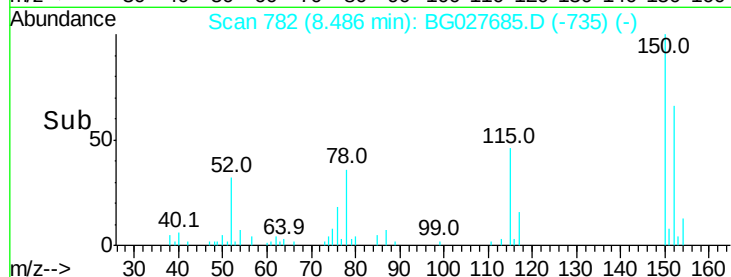
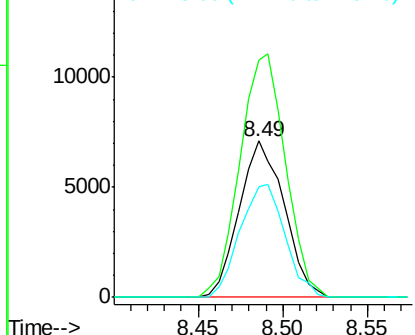
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BG027685.D
Acq: 26 Jun 2017 21:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 13132
Ion Ratio Lower Upper
152 100
150 151.9 114.0 171.0
115 70.5 48.1 72.1



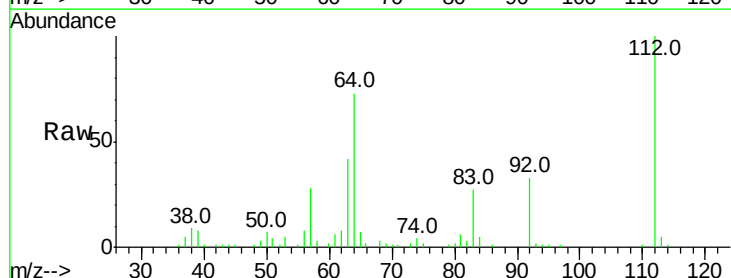
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



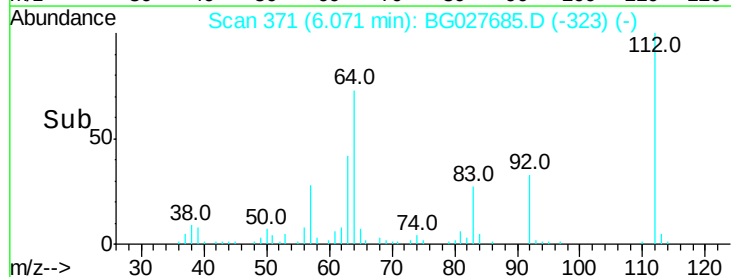
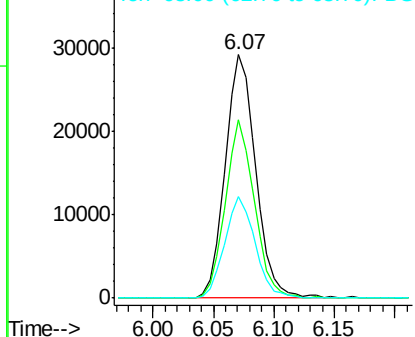
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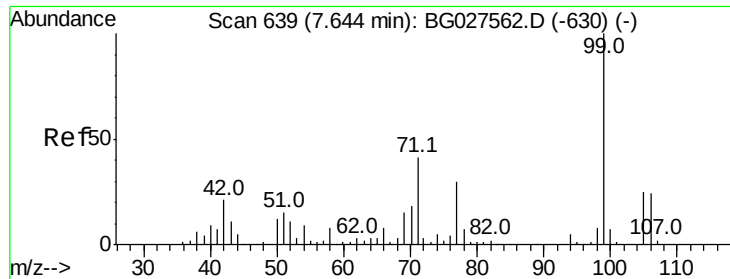
2-Fluorophenol
Concen: 55.37 ng
RT: 6.07 min Scan# 371
Delta R.T. -0.02 min
Lab File: BG027685.D
Acq: 26 Jun 2017 21:48

Tgt Ion:112 Resp: 51086
Ion Ratio Lower Upper
112 100
64 73.1 61.8 92.6
63 41.9 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 47.18 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027685.D

Acq: 26 Jun 2017 21:48

Instrument :

BNA_G

ClientSampled :

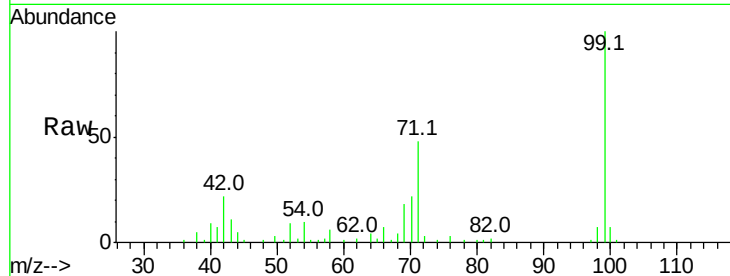
Tot Ion: 99 Resp: 64449

Ion Ratio Lower Upper

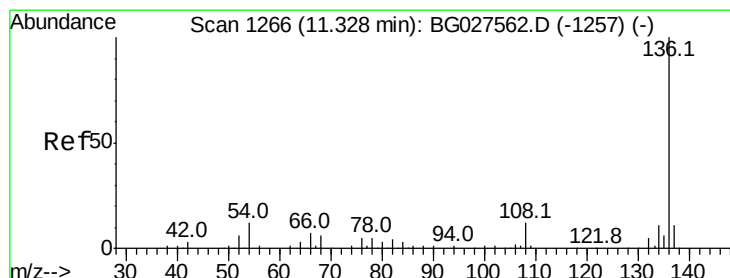
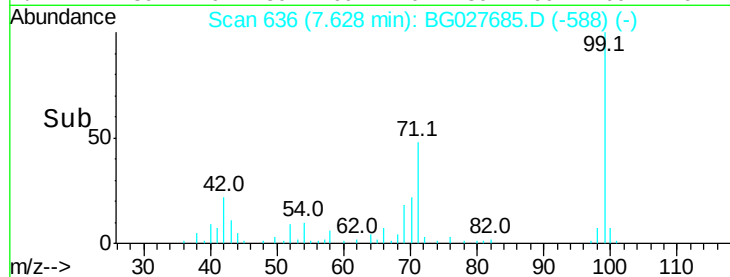
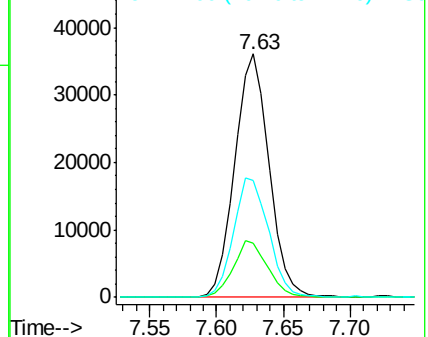
99 100

42 22.1 20.5 30.7

71 48.1 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: 11.31 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027685.D

Acq: 26 Jun 2017 21:48

Tgt Ion: 136 Resp: 58994

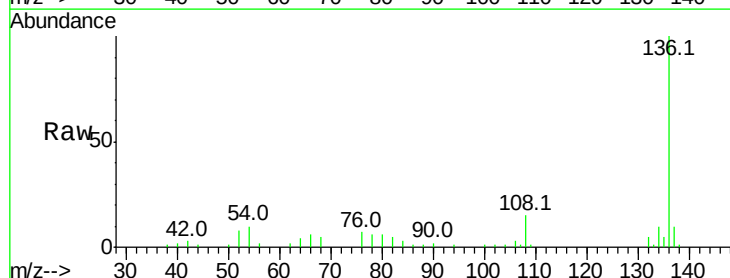
Ion Ratio Lower Upper

136 100

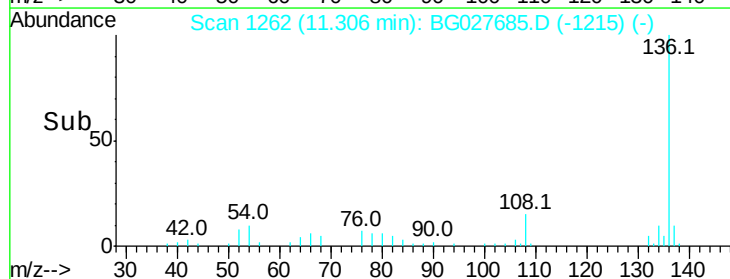
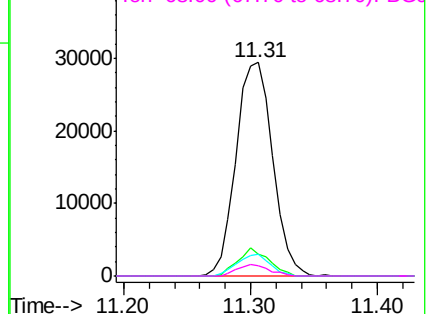
137 10.1 8.9 13.3

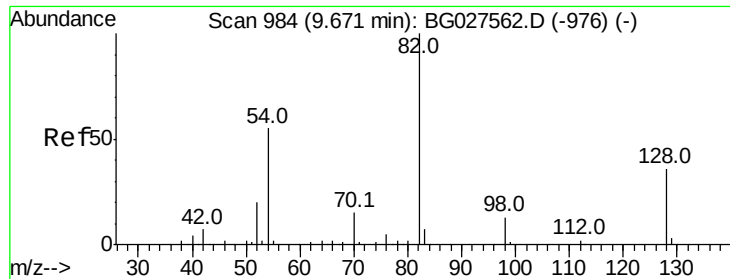
54 10.0 9.3 13.9

68 4.6 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

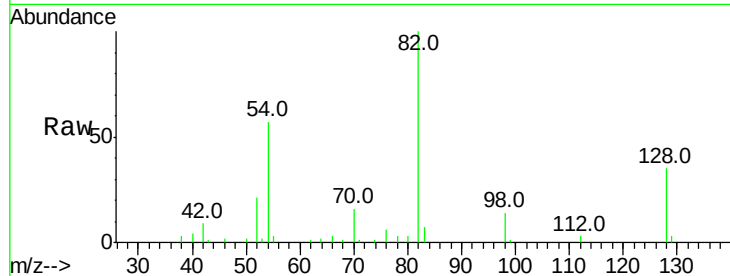




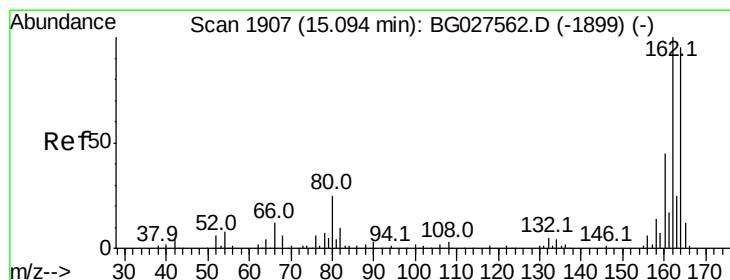
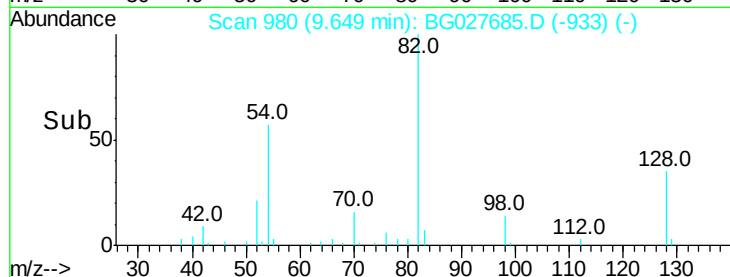
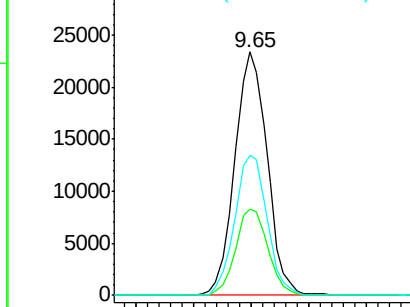
#23
 Nitrobenzene-d5
 Concen: 36.50 ng
 RT: 9.65 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BG027685.D
 Acq: 26 Jun 2017 21:48

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion: 82 Resp: 45509
 Ion Ratio Lower Upper
 82 100
 128 35.4 26.4 39.6
 54 57.2 49.4 74.2

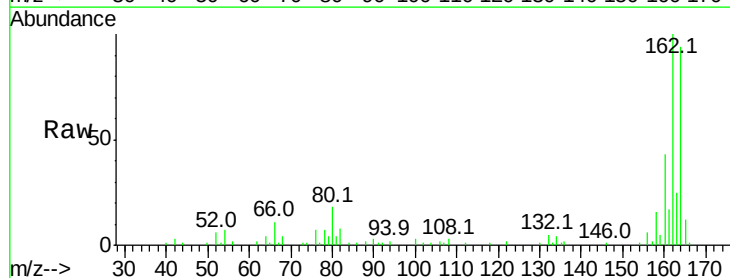


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

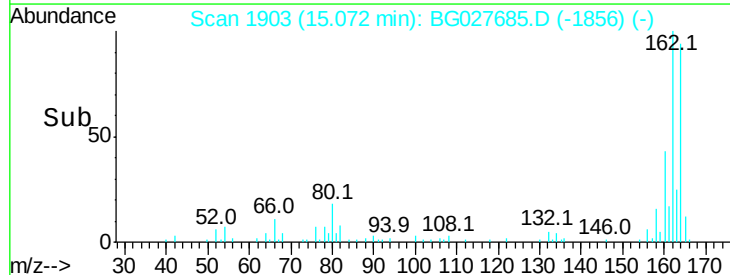
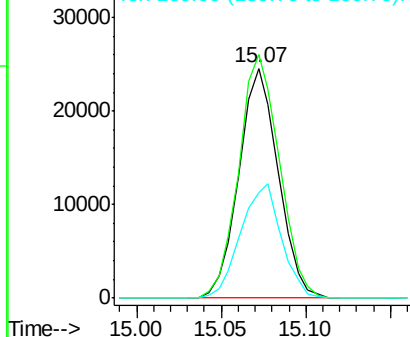


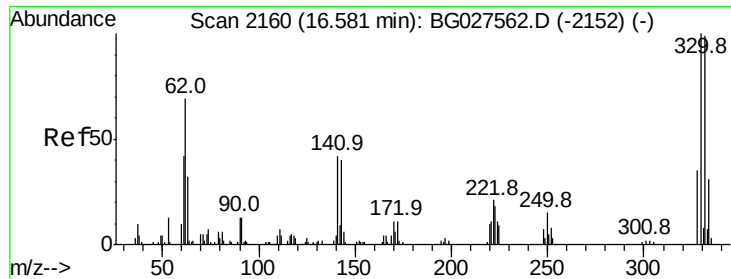
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BG027685.D
 Acq: 26 Jun 2017 21:48

Tgt Ion:164 Resp: 39686
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.1 127.7
 160 45.8 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

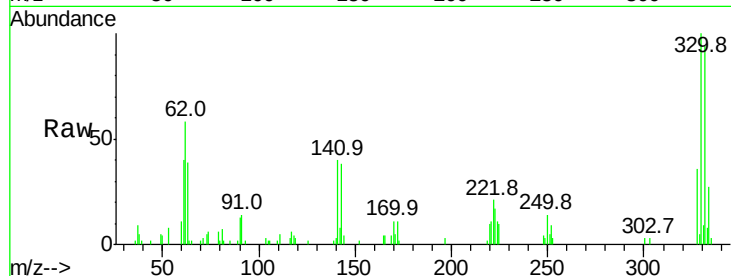




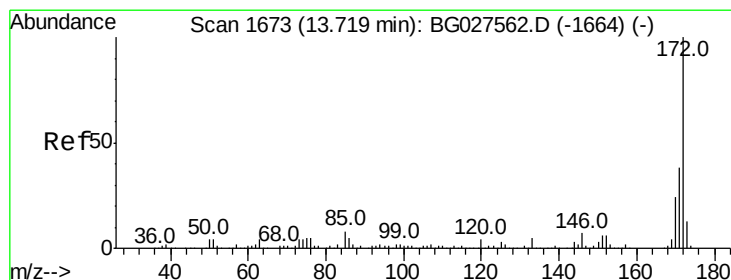
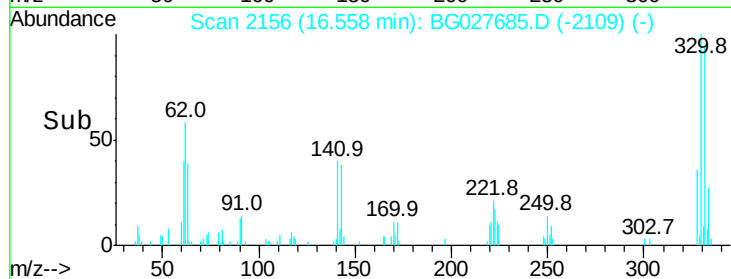
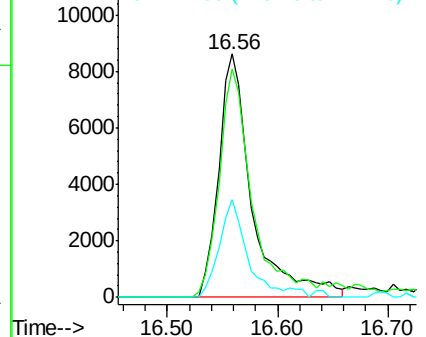
#41
 2,4,6-Tribromophenol
 Concen: 30.54 ng
 RT: 16.56 min Scan# 2156
 Delta R.T. -0.02 min
 Lab File: BG027685.D
 Acq: 26 Jun 2017 21:48

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.6	77.3	115.9
141	33.1	32.1	48.1

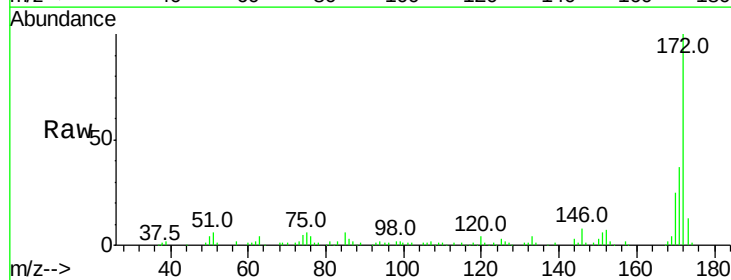


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

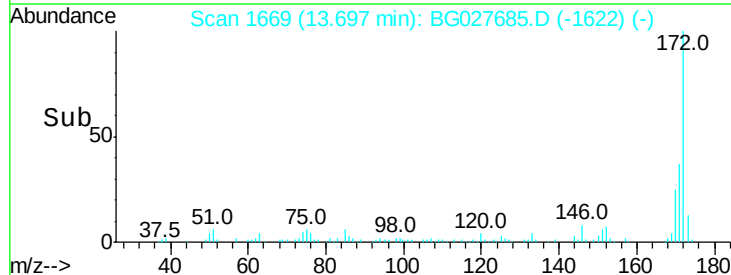
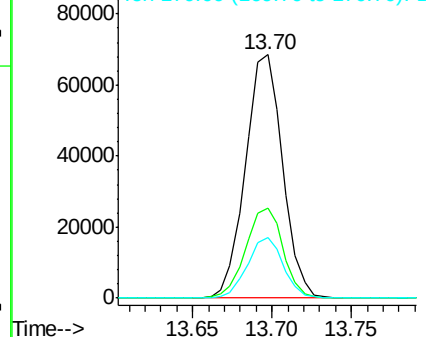


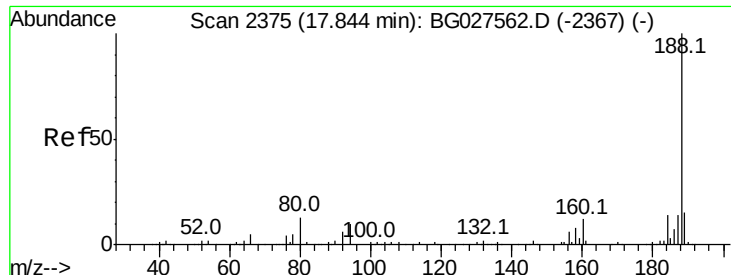
#44
 2-Fluorobiphenyl
 Concen: 38.33 ng
 RT: 13.70 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027685.D
 Acq: 26 Jun 2017 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	25.1	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

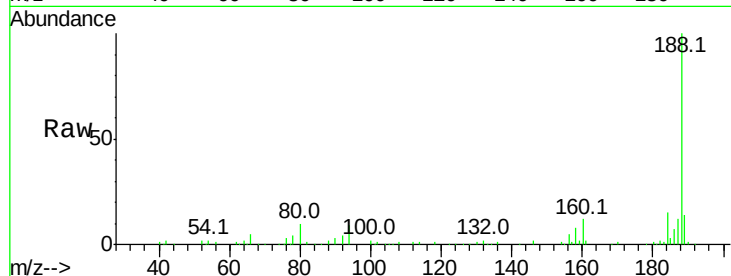




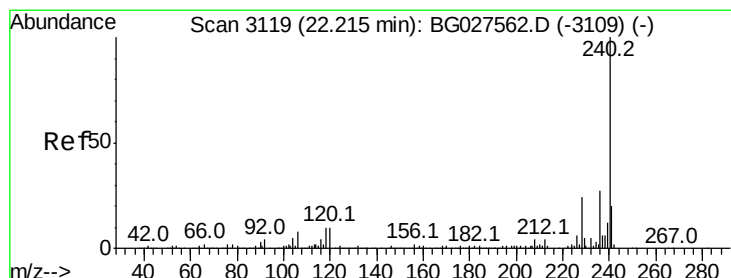
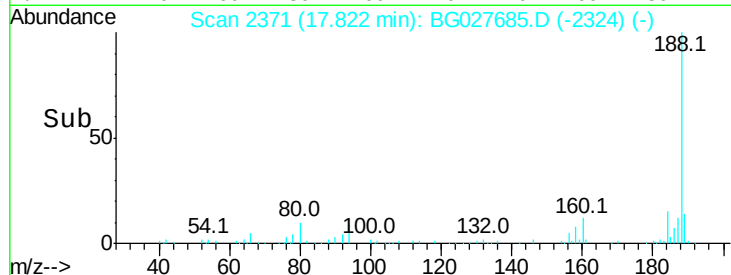
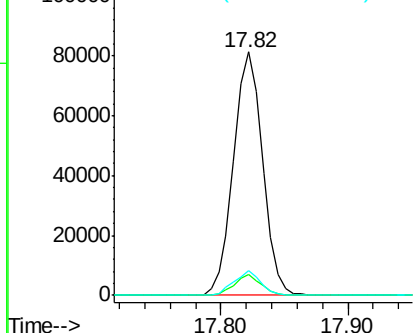
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BG027685.D
Acq: 26 Jun 2017 21:48

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.8	8.8
80	10.3	7.5	11.3

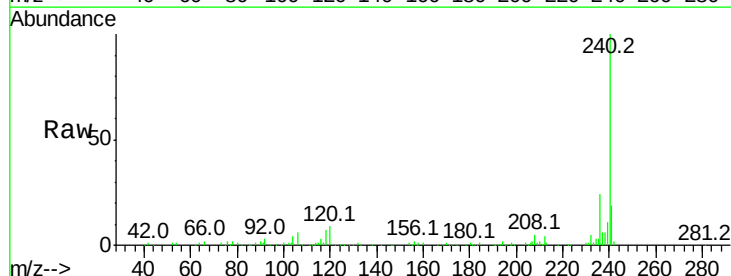


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

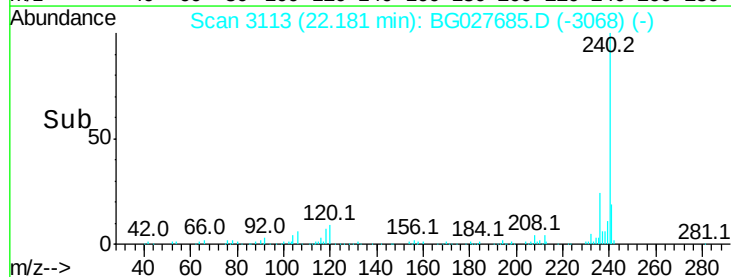
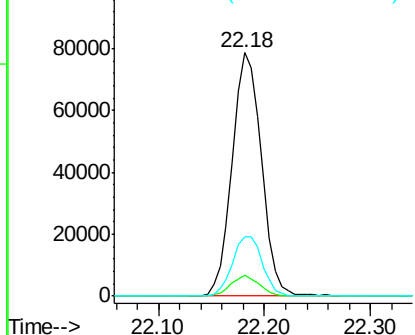


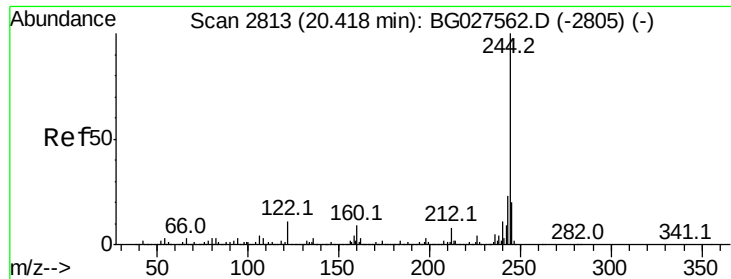
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3113
Delta R.T. -0.03 min
Lab File: BG027685.D
Acq: 26 Jun 2017 21:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.7	8.5#
236	24.4	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: 41.30 ng

RT: 20.40 min Scan# 2809

Delta R.T. -0.02 min

Lab File: BG027685.D

Acq: 26 Jun 2017 21:48

Instrument :

BNA_G

ClientSampled :

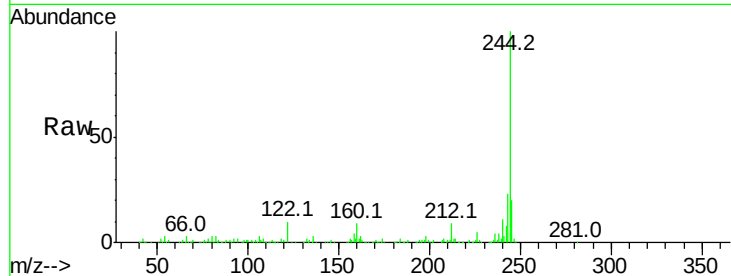
Tot Ion:244 Resp: 264260

Ion Ratio Lower Upper

244 100

212 9.0 10.0 15.0#

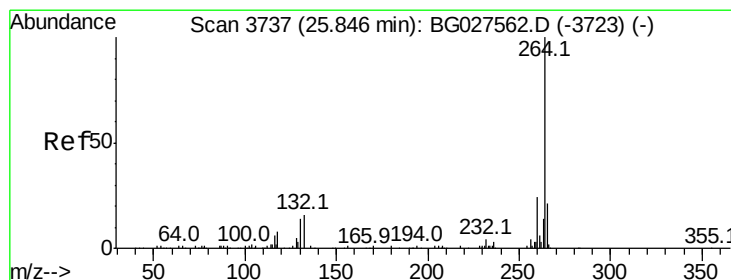
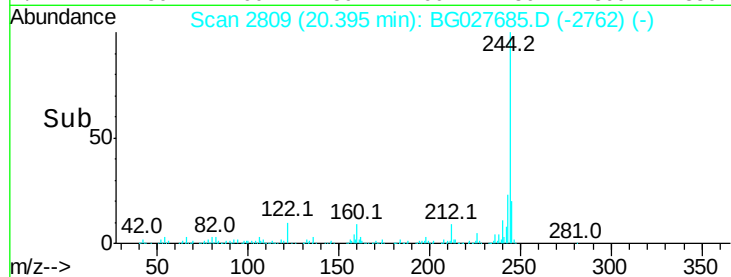
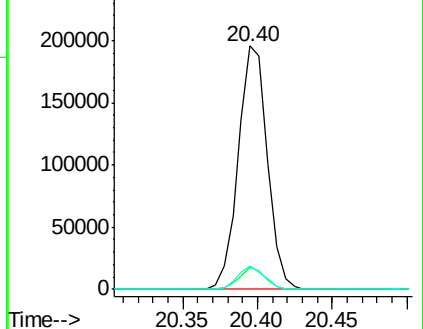
122 9.6 8.6 12.8



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: 25.81 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG027685.D

Acq: 26 Jun 2017 21:48

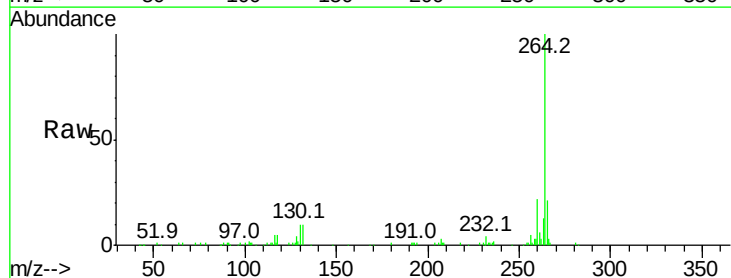
Tgt Ion:264 Resp: 144860

Ion Ratio Lower Upper

264 100

260 22.2 21.8 32.8

265 20.6 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

