

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027677.D
 Acq On : 26 Jun 2017 16:32
 Operator : SJ/JU
 Sample : PB100146BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100146BL

Quant Time: Jun 27 01:26:51 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	13411	20.00	ng	-0.01
21) Naphthalene-d8	11.31	136	60277	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	41372	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	130957	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	151455	20.00	ng	-0.03
86) Perylene-d12	25.81	264	147748	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	129325	137.24	ng	0.00
7) Phenol-d6	7.64	99	175353	125.70	ng	0.00
23) Nitrobenzene-d5	9.66	82	112315	88.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.56	330	106146	172.09	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	270881	89.44	ng	-0.02
78) Terphenyl-d14	20.40	244	663866	103.27	ng	-0.01

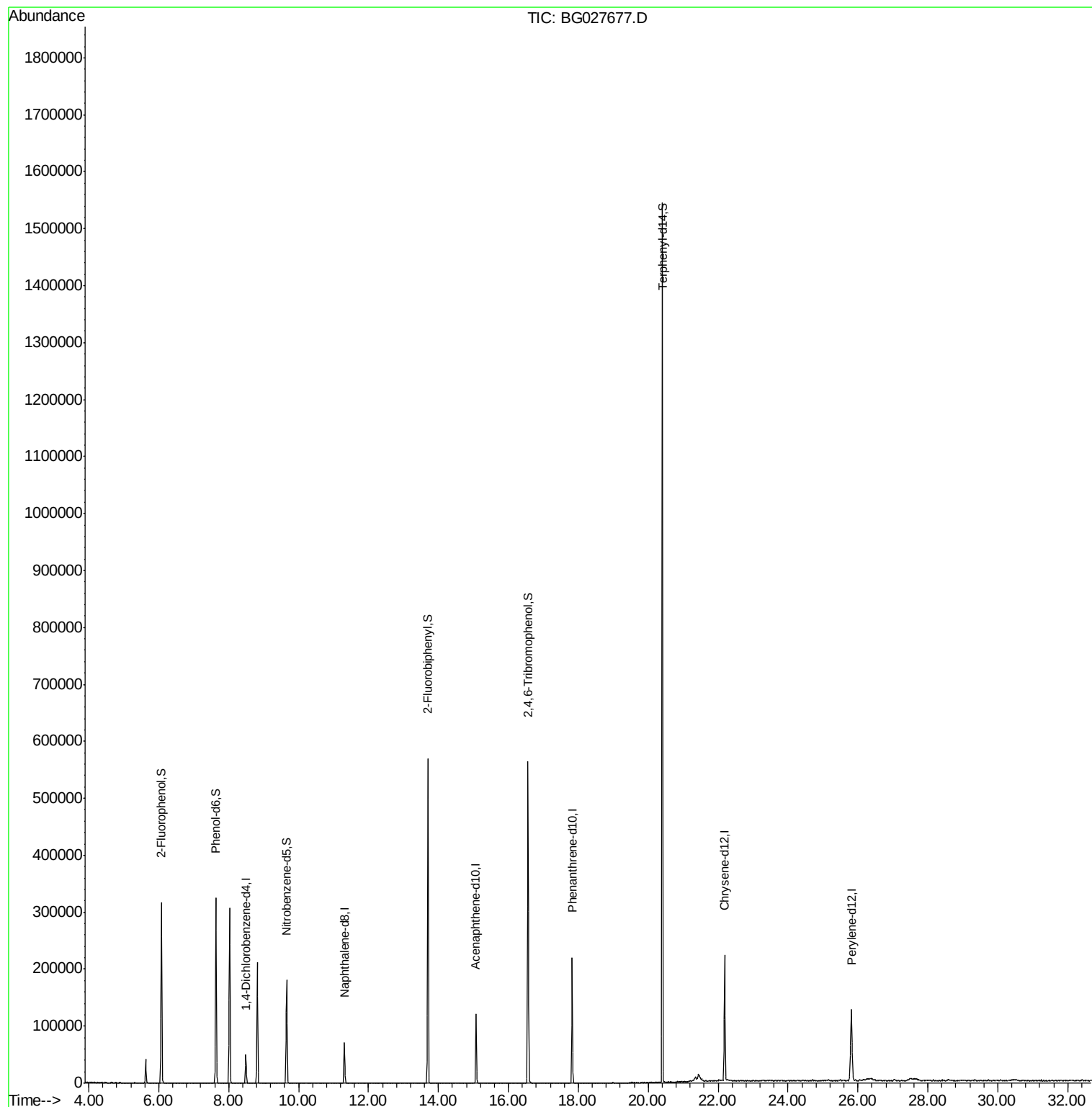
Target Compounds Qvalue

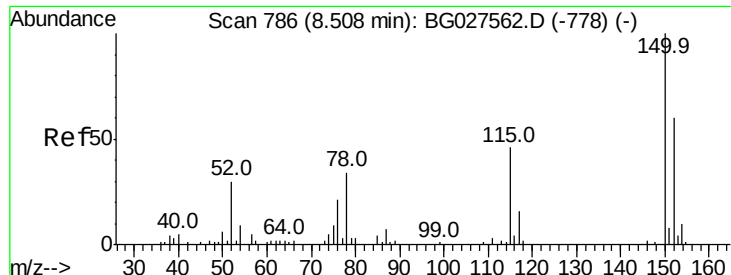
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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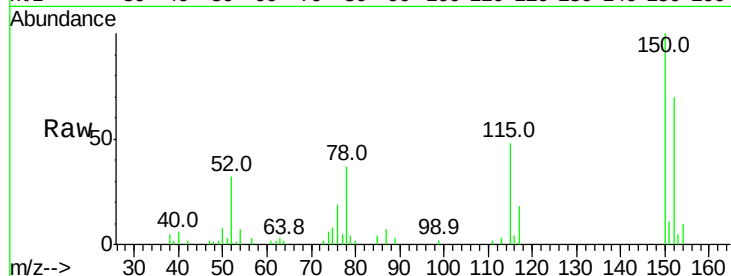


#1

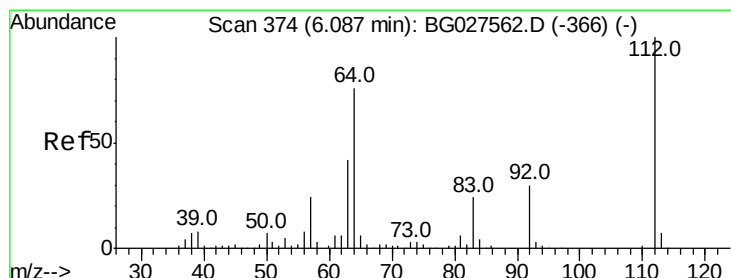
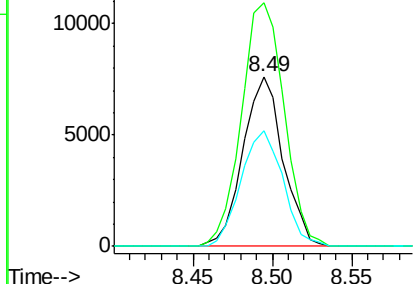
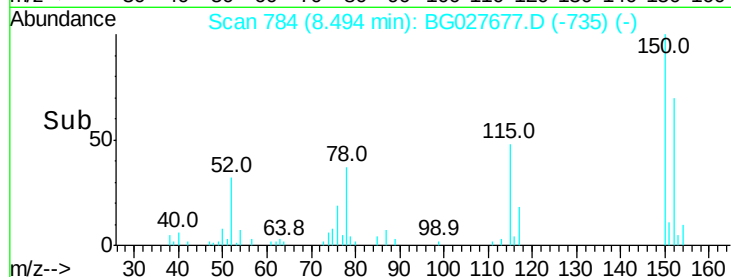
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 784
Delta R.T. -0.01 min
Lab File: BG027677.D
Acq: 26 Jun 2017 16:32

Instrument :
BNA_G
ClientSampleId :
PB100146BL

Tot Ion:152 Resp: 13411
Ion Ratio Lower Upper
152 100
150 143.5 114.0 171.0
115 68.3 48.1 72.1



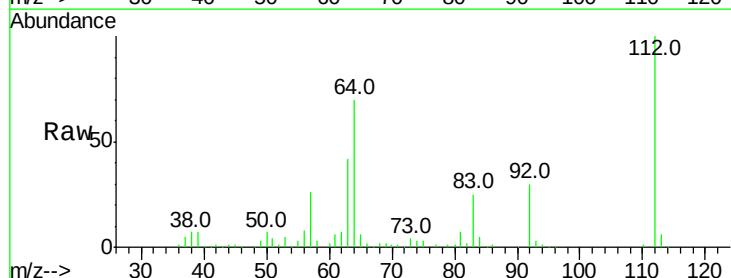
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



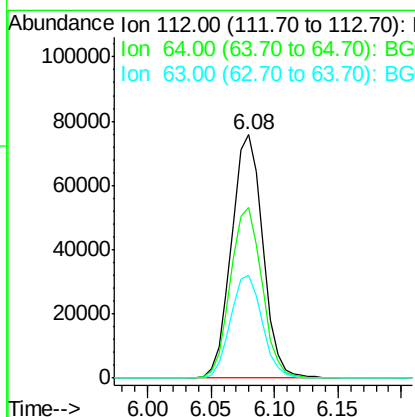
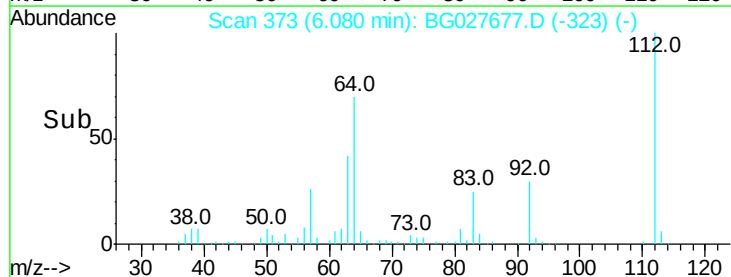
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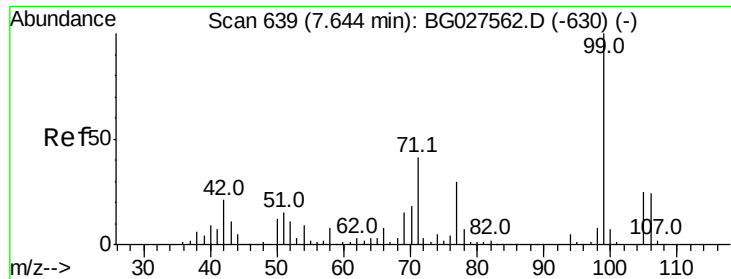
2-Fluorophenol
Concen: 137.24 ng
RT: 6.08 min Scan# 373
Delta R.T. -0.01 min
Lab File: BG027677.D
Acq: 26 Jun 2017 16:32

Tgt Ion:112 Resp: 129325
Ion Ratio Lower Upper
112 100
64 70.3 61.8 92.6
63 42.0 37.2 55.8



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





#7

Phenol-d6

Concen: 125.70 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027677.D

Acq: 26 Jun 2017 16:32

Instrument :

BNA_G

ClientSampleId :

PB100146BL

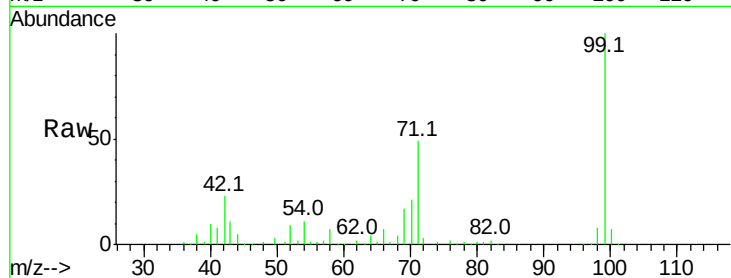
Tot Ion: 99 Resp: 175353

Ion Ratio Lower Upper

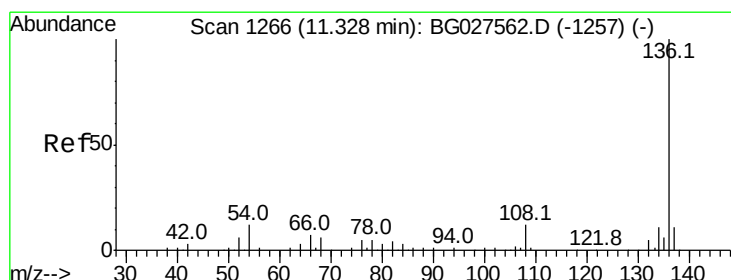
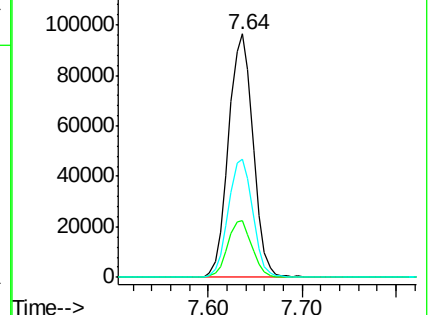
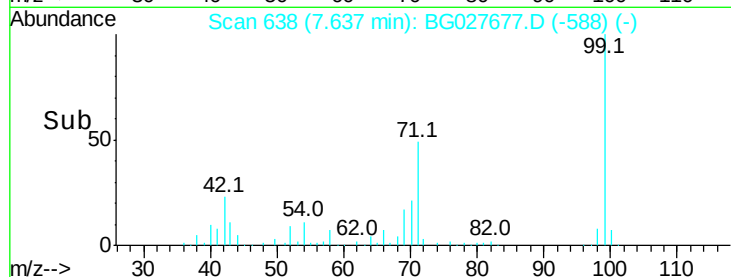
99 100

42 23.1 20.5 30.7

71 48.6 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: 11.31 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BG027677.D

Acq: 26 Jun 2017 16:32

Tgt Ion: 136 Resp: 60277

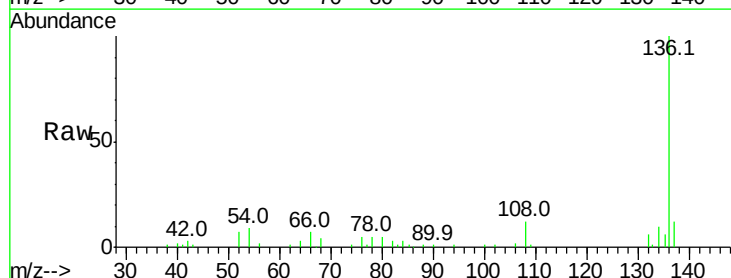
Ion Ratio Lower Upper

136 100

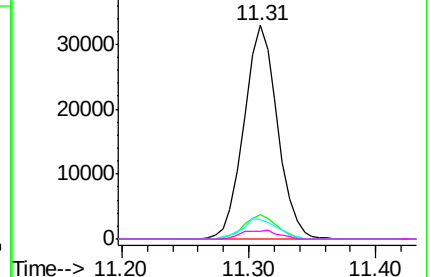
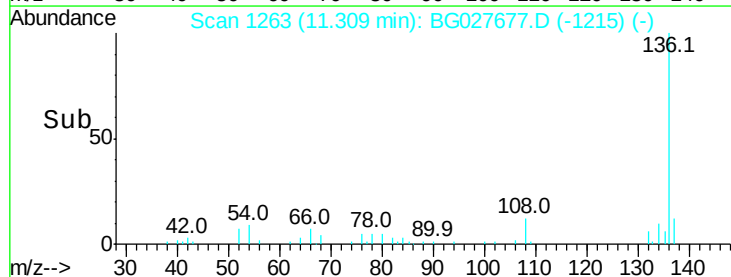
137 11.5 8.9 13.3

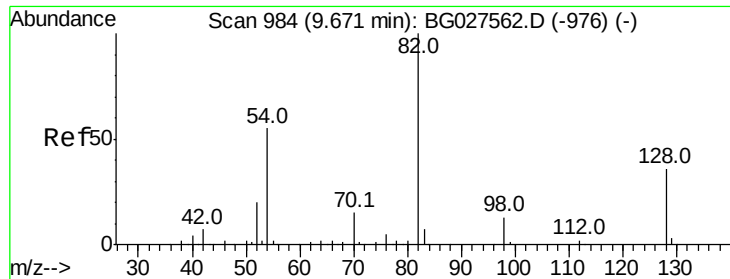
54 8.9 9.3 13.9#

68 3.8 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

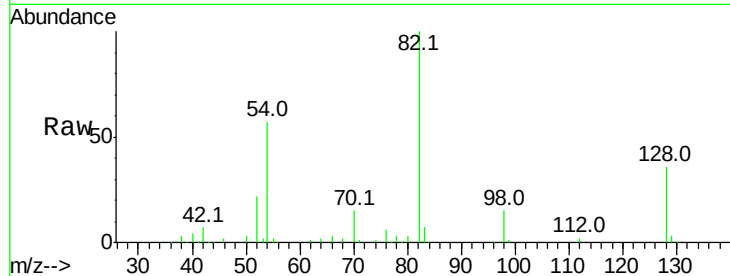




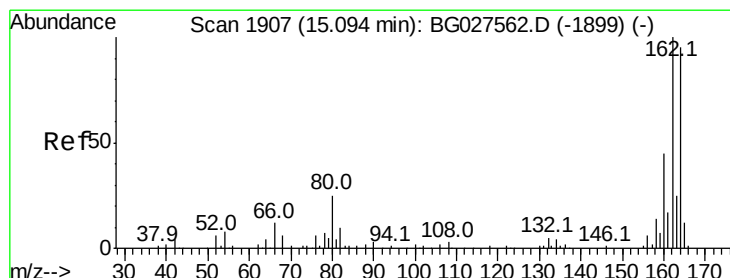
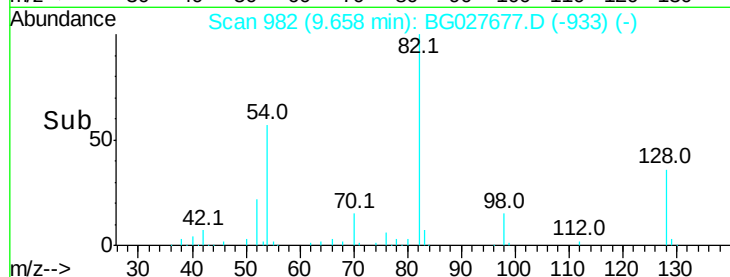
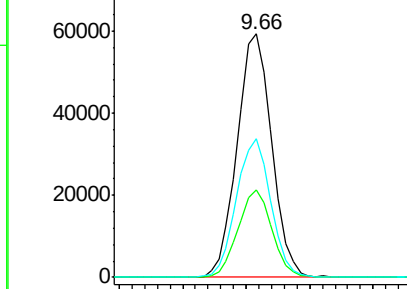
#23
Nitrobenzene-d5
Concen: 88.17 ng
RT: 9.66 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG027677.D
Acq: 26 Jun 2017 16:32

Instrument :
BNA_G
ClientSampleId :
PB100146BL

Tot Ion	82	Resp	112315
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
54	56.7	49.4	74.2

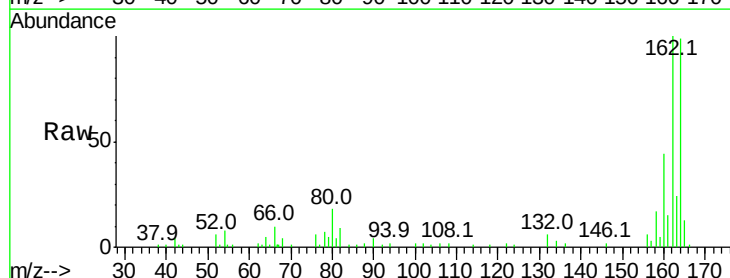


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

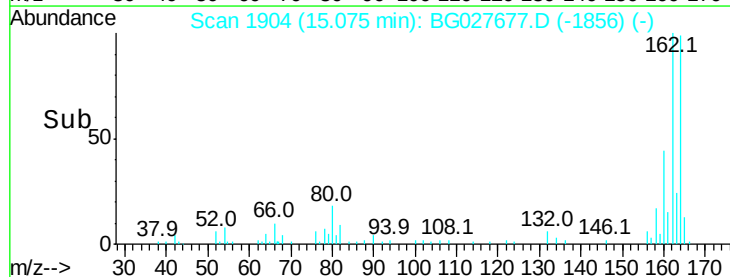
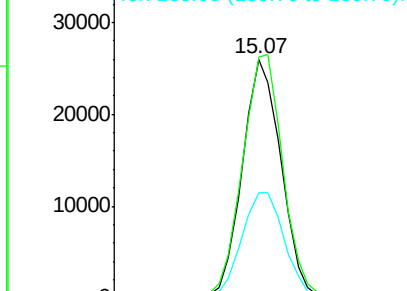


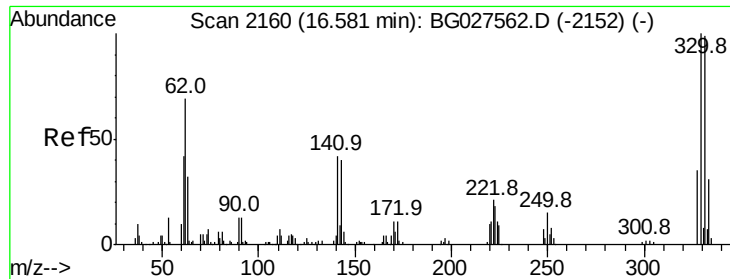
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027677.D
Acq: 26 Jun 2017 16:32

Tgt Ion	164	Resp	41372
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	100.9	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

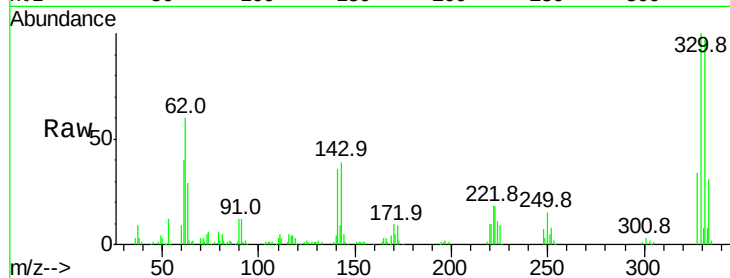




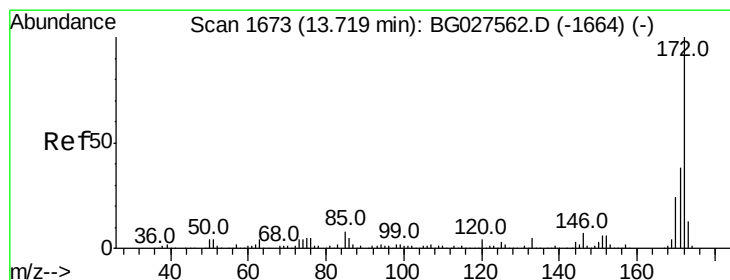
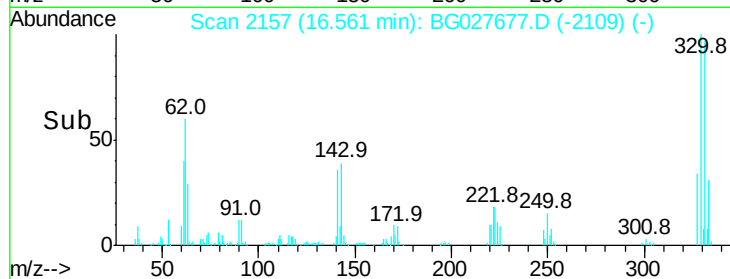
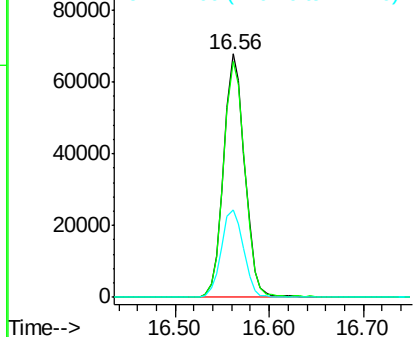
#41
 2,4,6-Tribromophenol
 Concen: 172.09 ng
 RT: 16.56 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG027677.D
 Acq: 26 Jun 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB100146BL

Tot Ion:330 Resp: 106146
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 37.8 32.1 48.1

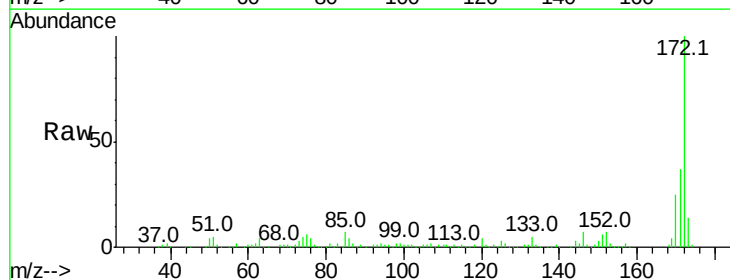


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

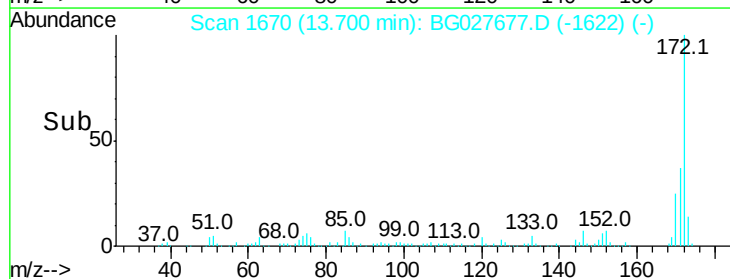
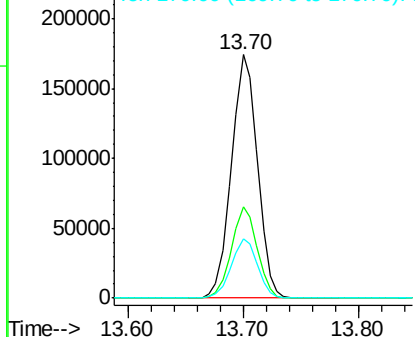


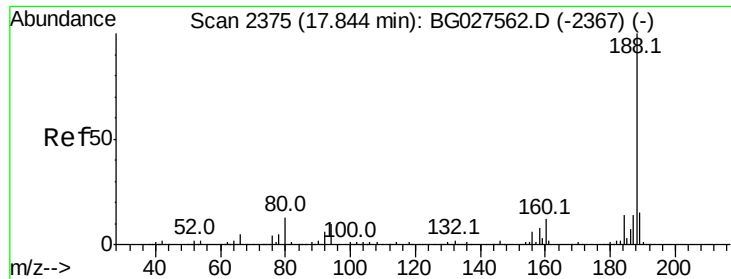
#44
 2-Fluorobiphenyl
 Concen: 89.44 ng
 RT: 13.70 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BG027677.D
 Acq: 26 Jun 2017 16:32

Tgt Ion:172 Resp: 270881
 Ion Ratio Lower Upper
 172 100
 171 37.3 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

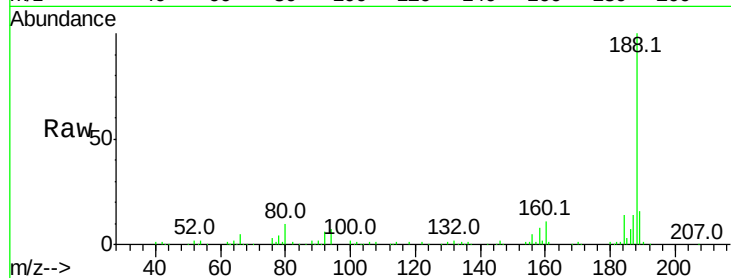




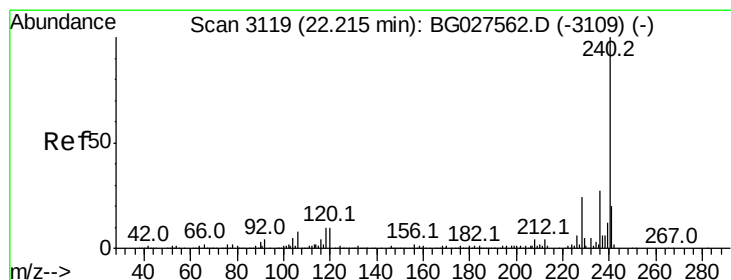
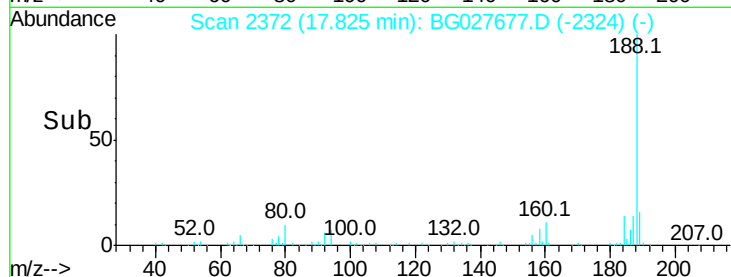
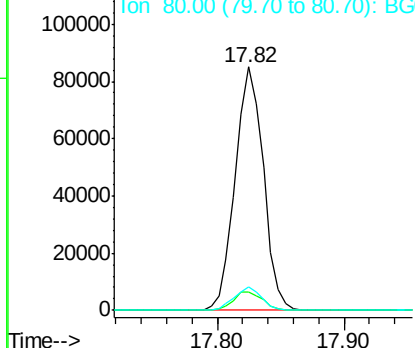
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2372
Delta R.T. -0.02 min
Lab File: BG027677.D
Acq: 26 Jun 2017 16:32

Instrument :
BNA_G
ClientSampleId :
PB100146BL

Tot Ion:188 Resp: 130957
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 9.5 7.5 11.3

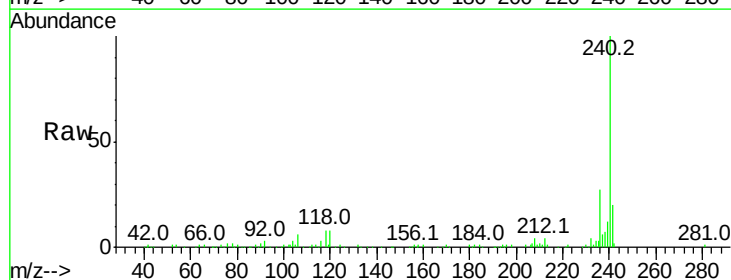


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

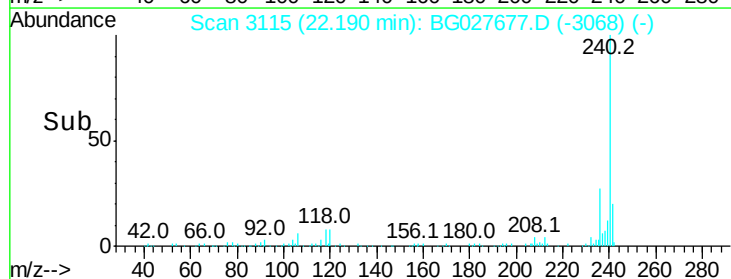
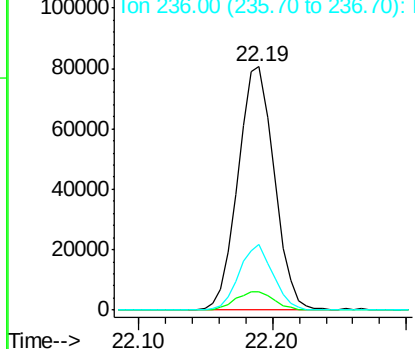


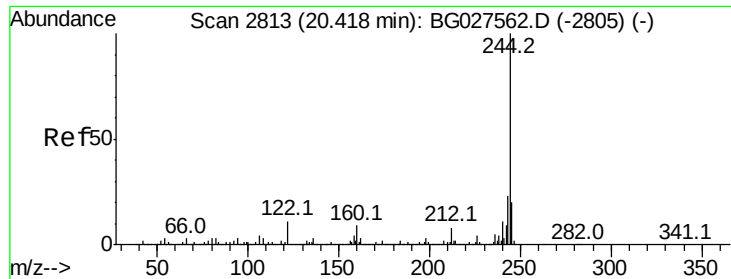
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.19 min Scan# 3115
Delta R.T. -0.03 min
Lab File: BG027677.D
Acq: 26 Jun 2017 16:32

Tgt Ion:240 Resp: 151455
Ion Ratio Lower Upper
240 100
120 7.5 5.7 8.5
236 27.0 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

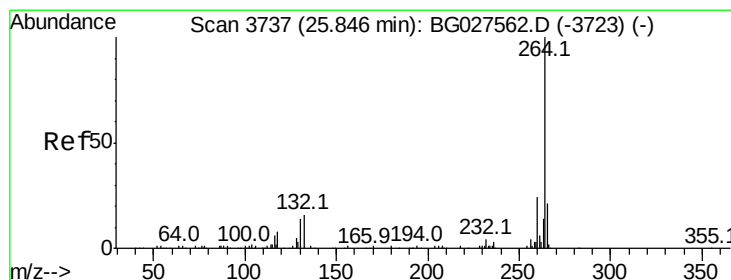
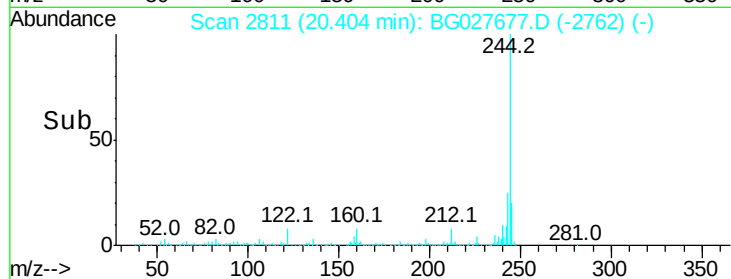
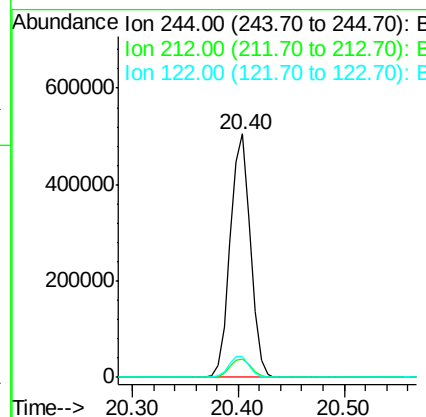
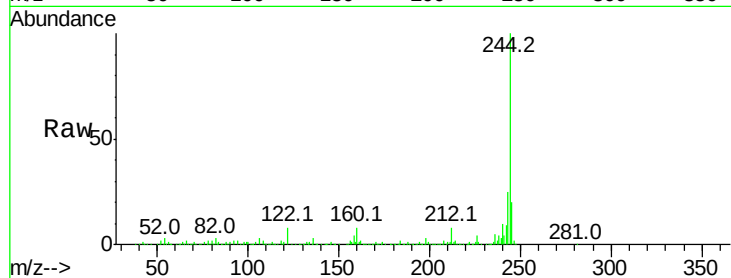




#78
 Terphenyl-d14
 Concen: 103.27 ng
 RT: 20.40 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BG027677.D
 Acq: 26 Jun 2017 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB100146BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	8.4	8.6	12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.81 min Scan# 3731
 Delta R.T. -0.04 min
 Lab File: BG027677.D
 Acq: 26 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.1	18.2	27.4

