

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027644.D
 Acq On : 23 Jun 2017 23:50
 Operator : SJ/JU
 Sample : I3868-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-B

Quant Time: Jun 24 01:27:52 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	17124	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	76330	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	49140	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	144878	20.00	ng	0.00
75) Chrysene-d12	22.20	240	165128	20.00	ng	-0.01
86) Perylene-d12	25.83	264	158796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	158541	131.77	ng	0.00
7) Phenol-d6	7.64	99	206095	115.71	ng	0.00
23) Nitrobenzene-d5	9.67	82	150338	93.20	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	144624	197.41	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	352066	97.87	ng	0.00
78) Terphenyl-d14	20.42	244	799674	114.10	ng	0.00

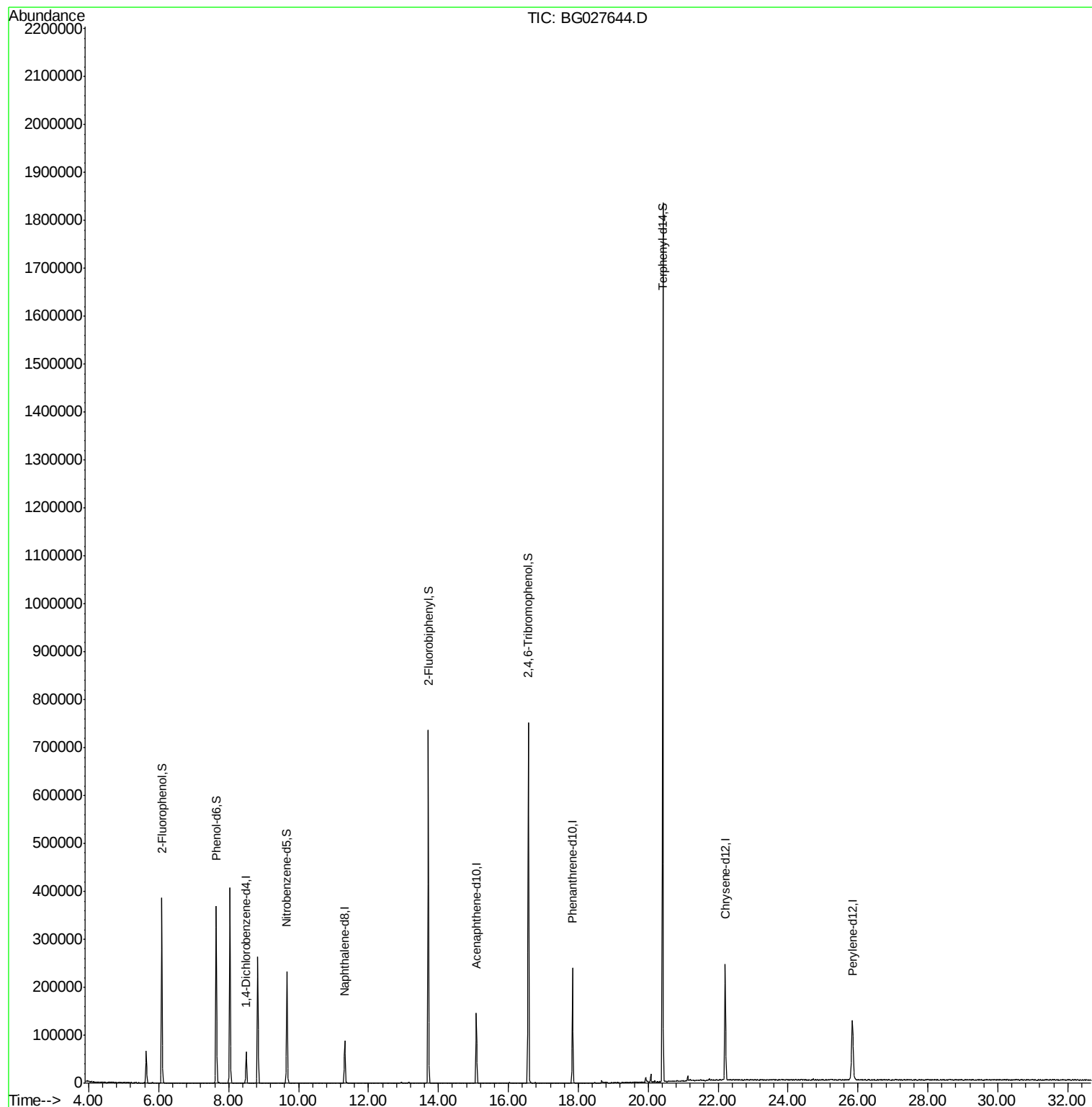
Target Compounds Qvalue

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

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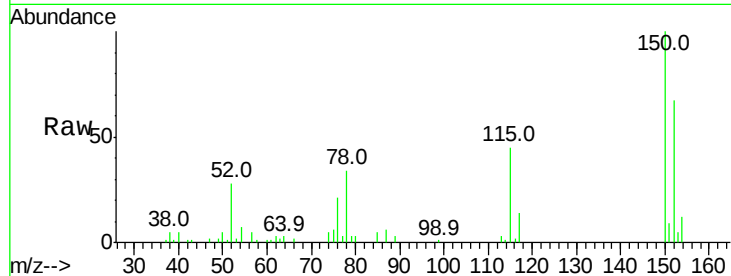


#1

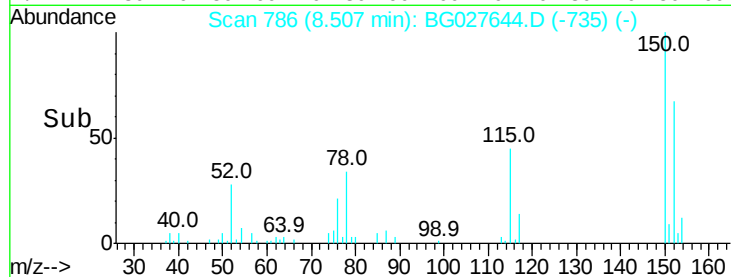
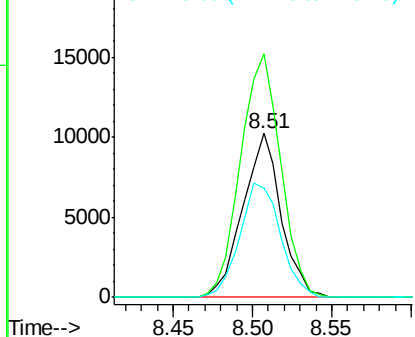
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027644.D
Acq: 23 Jun 2017 23:50

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-B

Tot Ion:152 Resp: 17124
Ion Ratio Lower Upper
152 100
150 148.3 114.0 171.0
115 66.6 48.1 72.1



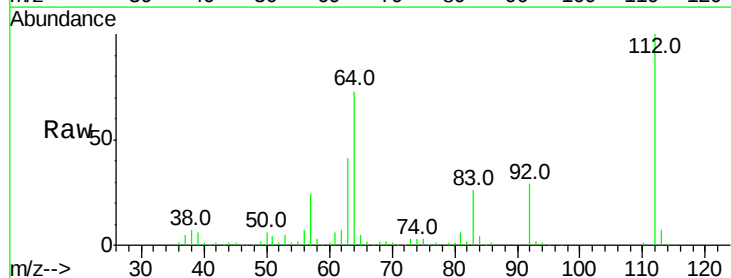
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



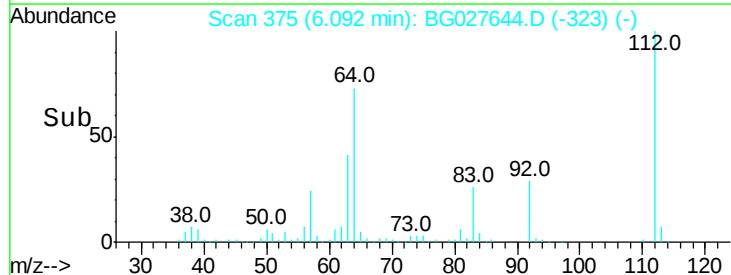
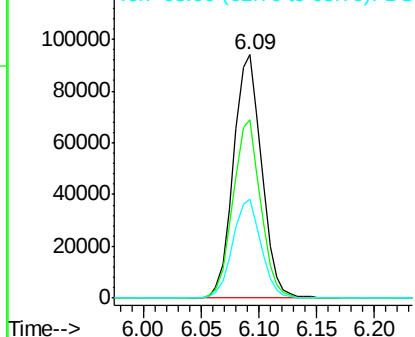
#5

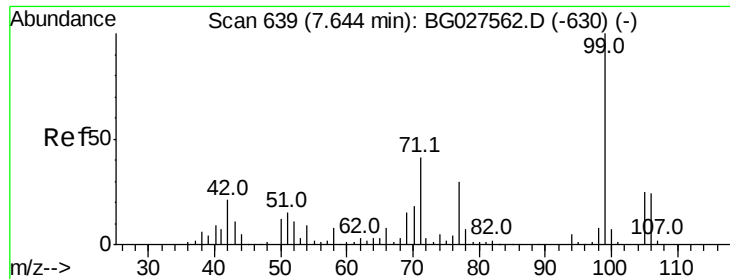
2-Fluorophenol
Concen: 131.77 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.01 min
Lab File: BG027644.D
Acq: 23 Jun 2017 23:50

Tgt Ion:112 Resp: 158541
Ion Ratio Lower Upper
112 100
64 73.1 61.8 92.6
63 40.7 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: 115.71 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027644.D

Acq: 23 Jun 2017 23:50

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-B

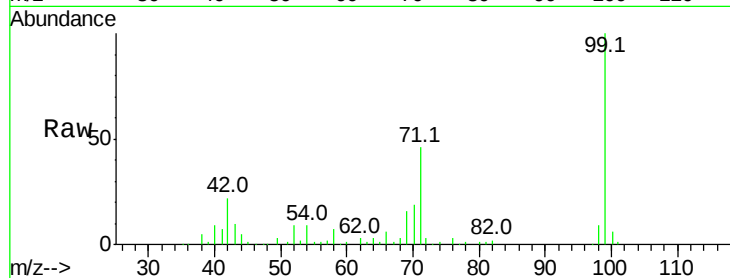
Tot Ion: 99 Resp: 206095

Ion Ratio Lower Upper

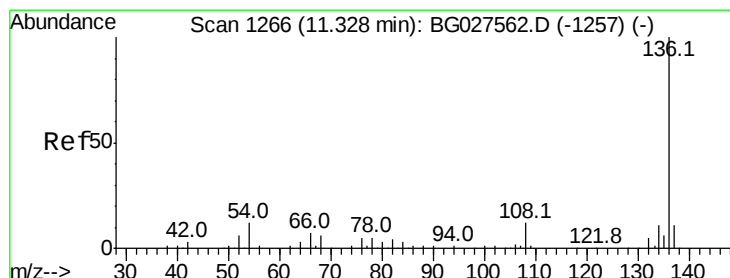
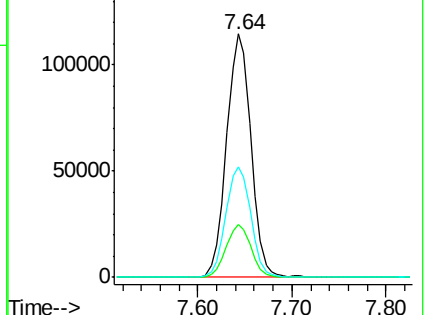
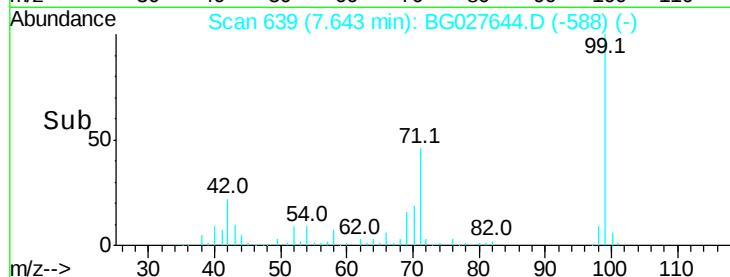
99 100

42 21.7 20.5 30.7

71 45.6 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: BG027644.D

Acq: 23 Jun 2017 23:50

Tgt Ion: 136 Resp: 76330

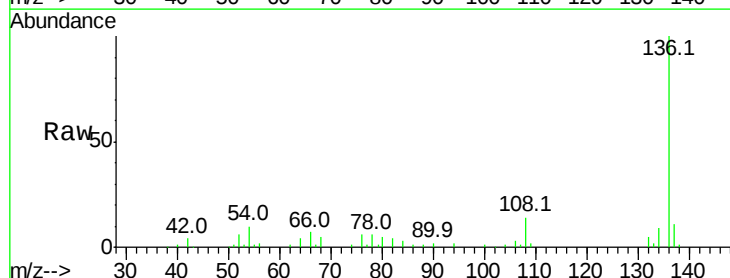
Ion Ratio Lower Upper

136 100

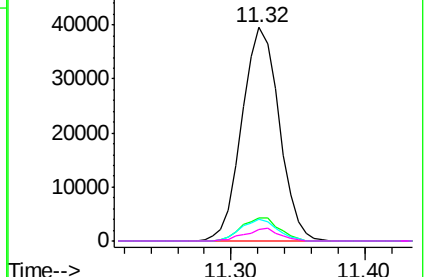
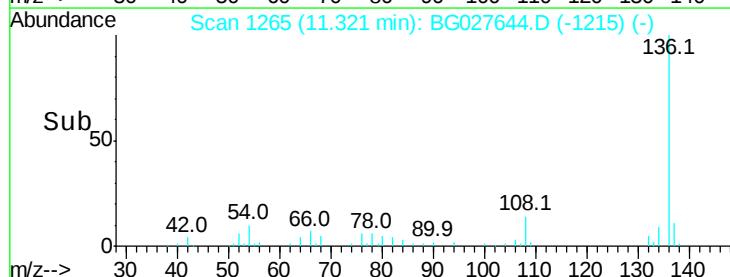
137 10.8 8.9 13.3

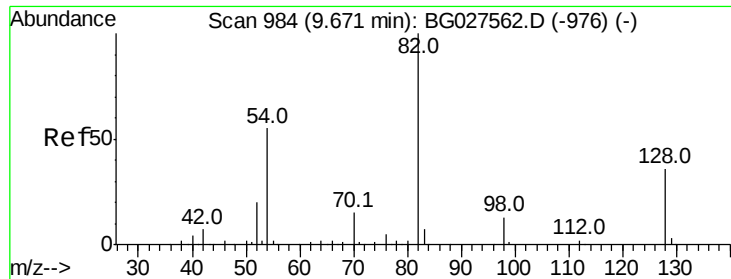
54 10.4 9.3 13.9

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

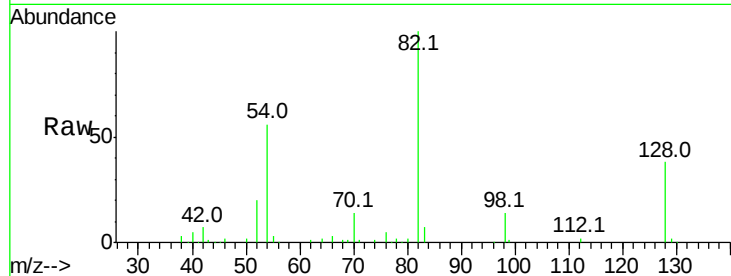




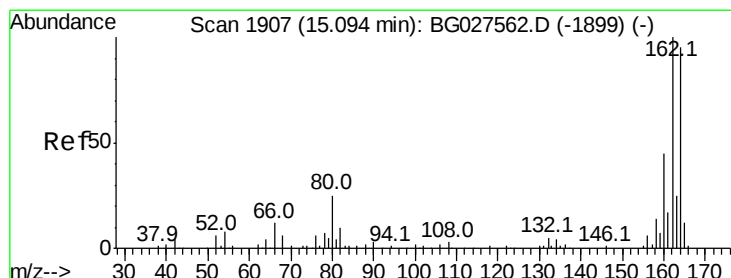
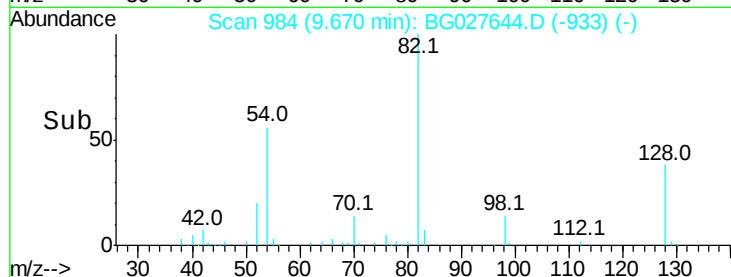
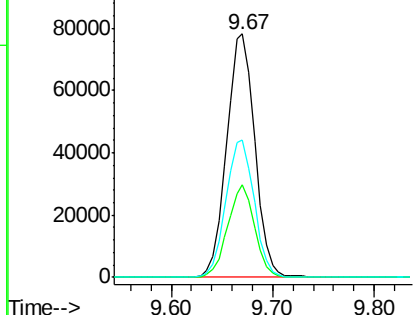
#23
 Nitrobenzene-d5
 Concen: 93.20 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027644.D
 Acq: 23 Jun 2017 23:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-B

Tot Ion	82	Resp	150338
Ion Ratio	Lower	Upper	
82	100		
128	37.8	26.4	39.6
54	56.3	49.4	74.2

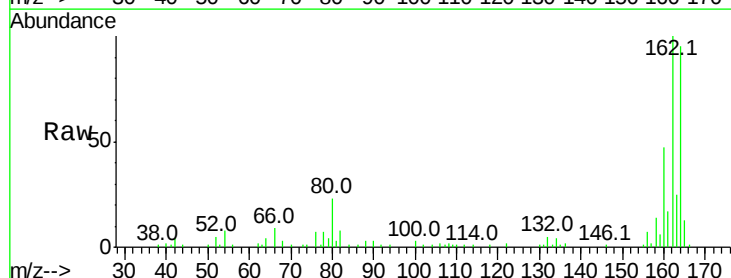


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

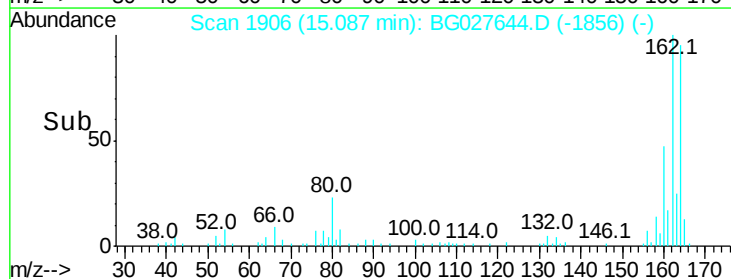
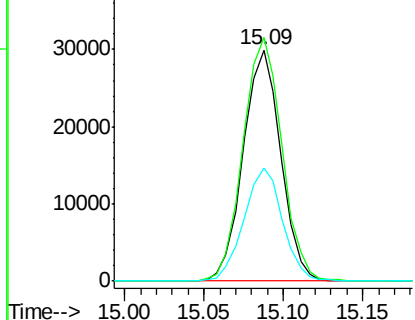


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027644.D
 Acq: 23 Jun 2017 23:50

Tgt Ion	164	Resp	49140
Ion Ratio	Lower	Upper	
164	100		
162	105.5	85.1	127.7
160	49.1	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

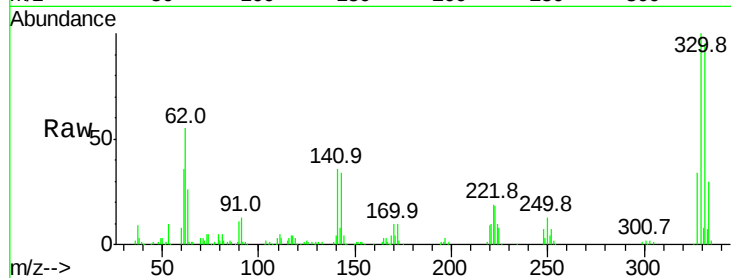




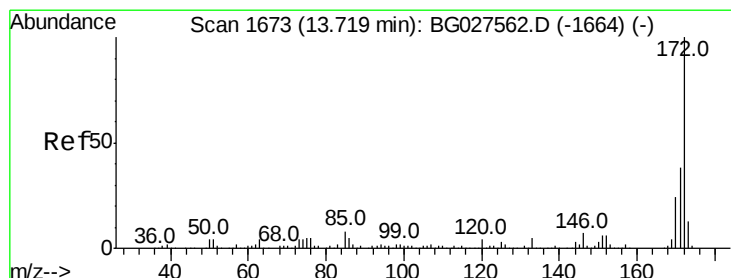
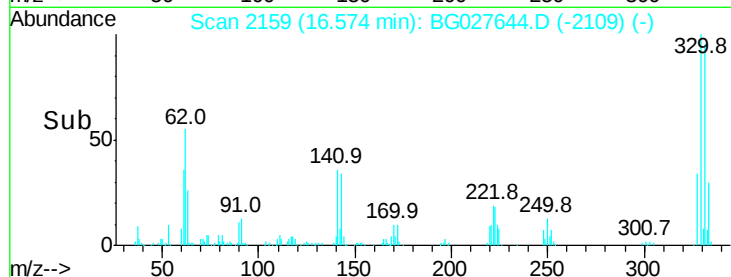
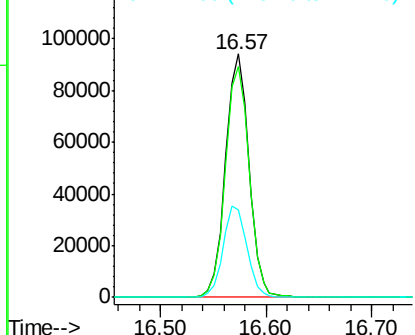
#41
 2,4,6-Tribromophenol
 Concen: 197.41 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027644.D
 Acq: 23 Jun 2017 23:50

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-B

Tot Ion:330 Resp: 144624
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 38.4 32.1 48.1

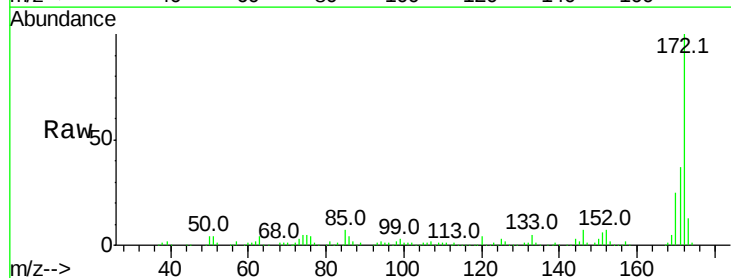


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

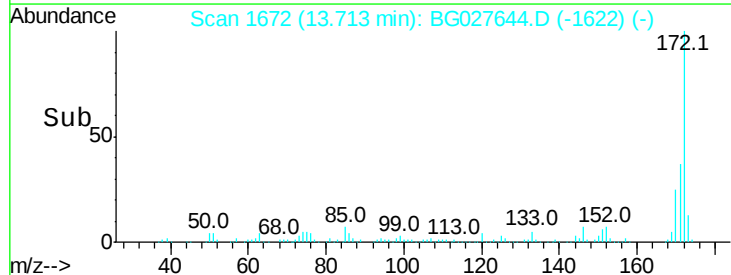
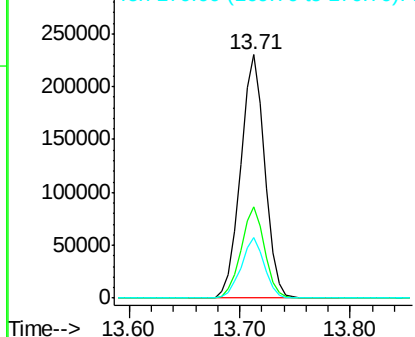


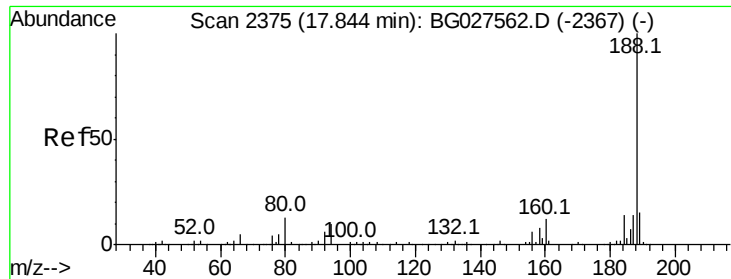
#44
 2-Fluorobiphenyl
 Concen: 97.87 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027644.D
 Acq: 23 Jun 2017 23:50

Tgt Ion:172 Resp: 352066
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 25.0 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

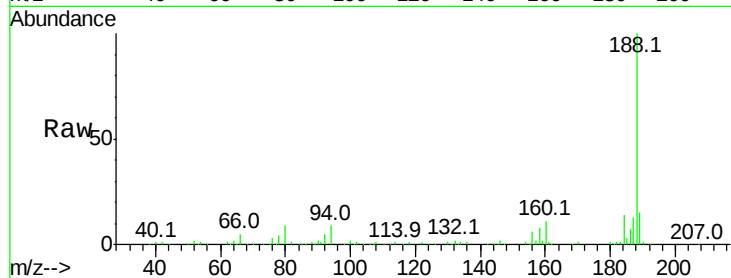




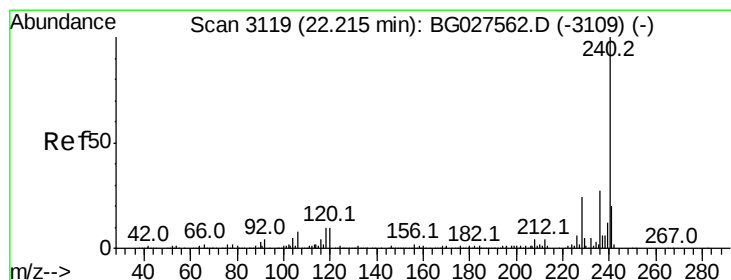
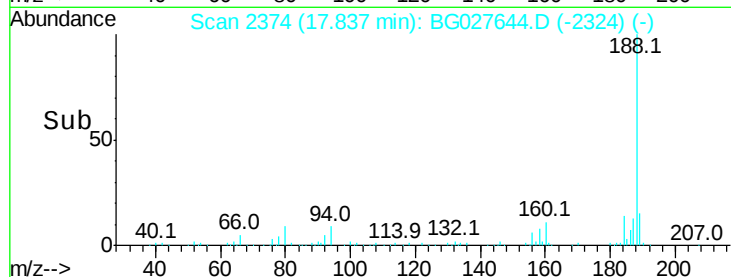
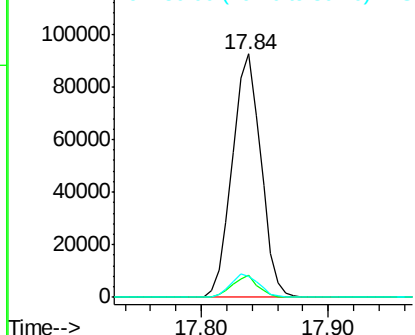
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027644.D
Acq: 23 Jun 2017 23:50

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-B

Tot Ion:188 Resp: 144878
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.8#
80 8.6 7.5 11.3

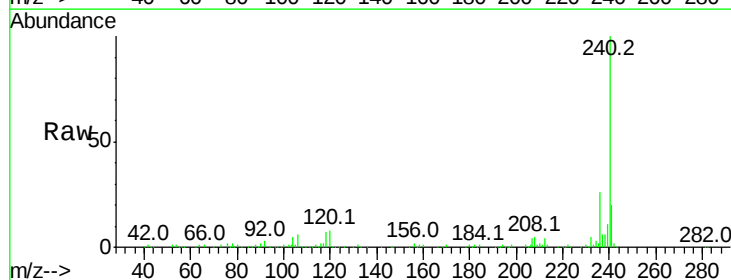


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

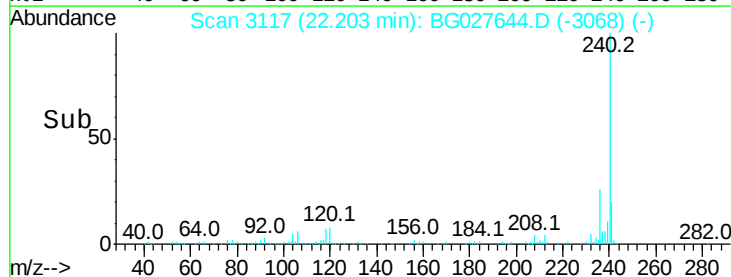
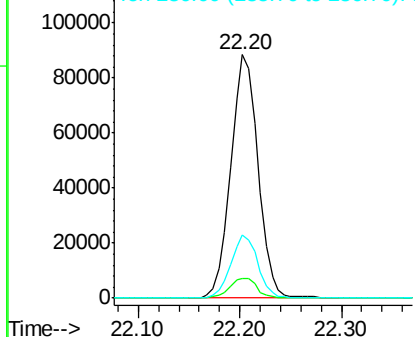


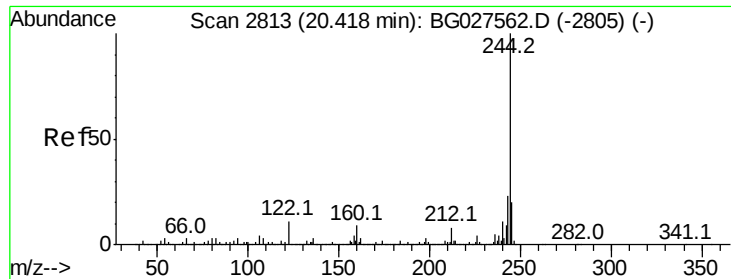
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027644.D
Acq: 23 Jun 2017 23:50

Tgt Ion:240 Resp: 165128
Ion Ratio Lower Upper
240 100
120 7.9 5.7 8.5
236 25.7 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: 114.10 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027644.D

Acq: 23 Jun 2017 23:50

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-B

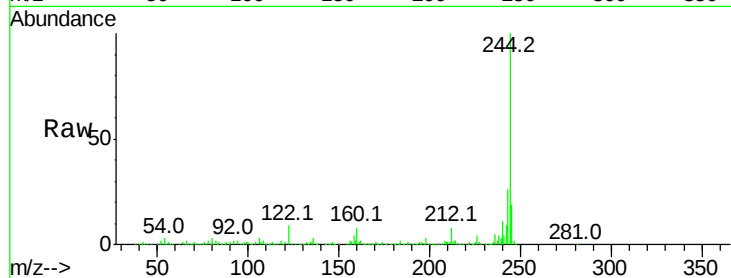
Tot Ion:244 Resp: 799674

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

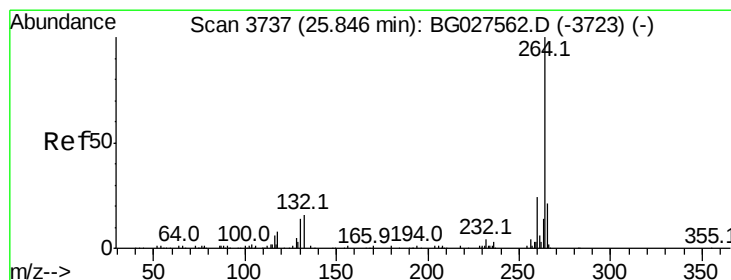
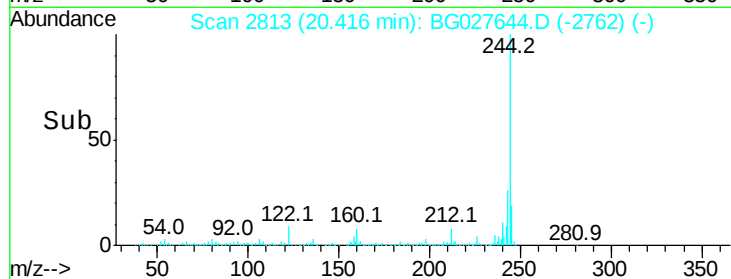
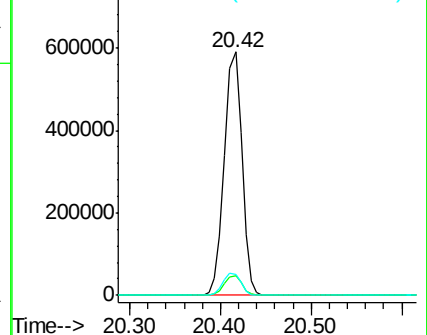
122 8.8 8.6 12.8



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: 25.83 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG027644.D

Acq: 23 Jun 2017 23:50

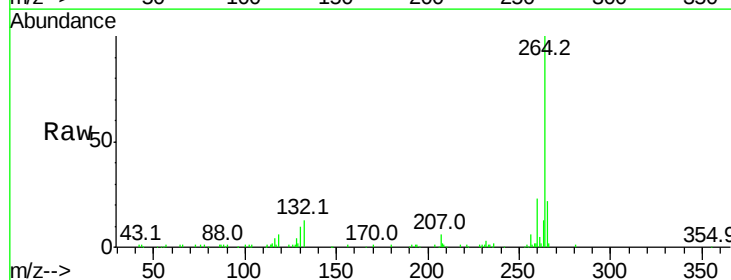
Tgt Ion:264 Resp: 158796

Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

265 21.7 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

