

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027638.D
 Acq On : 23 Jun 2017 19:51
 Operator : SJ/JU
 Sample : I3868-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 24 01:25:11 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	18943	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	81944	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	51449	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	153768	20.00	ng	0.00
75) Chrysene-d12	22.20	240	172578	20.00	ng	-0.01
86) Perylene-d12	25.84	264	163247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	160289	120.43	ng	0.00
7) Phenol-d6	7.64	99	195355	99.14	ng	0.00
23) Nitrobenzene-d5	9.67	82	151751	87.63	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	141762	184.82	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	342791	91.01	ng	0.00
78) Terphenyl-d14	20.42	244	813889	111.11	ng	0.00

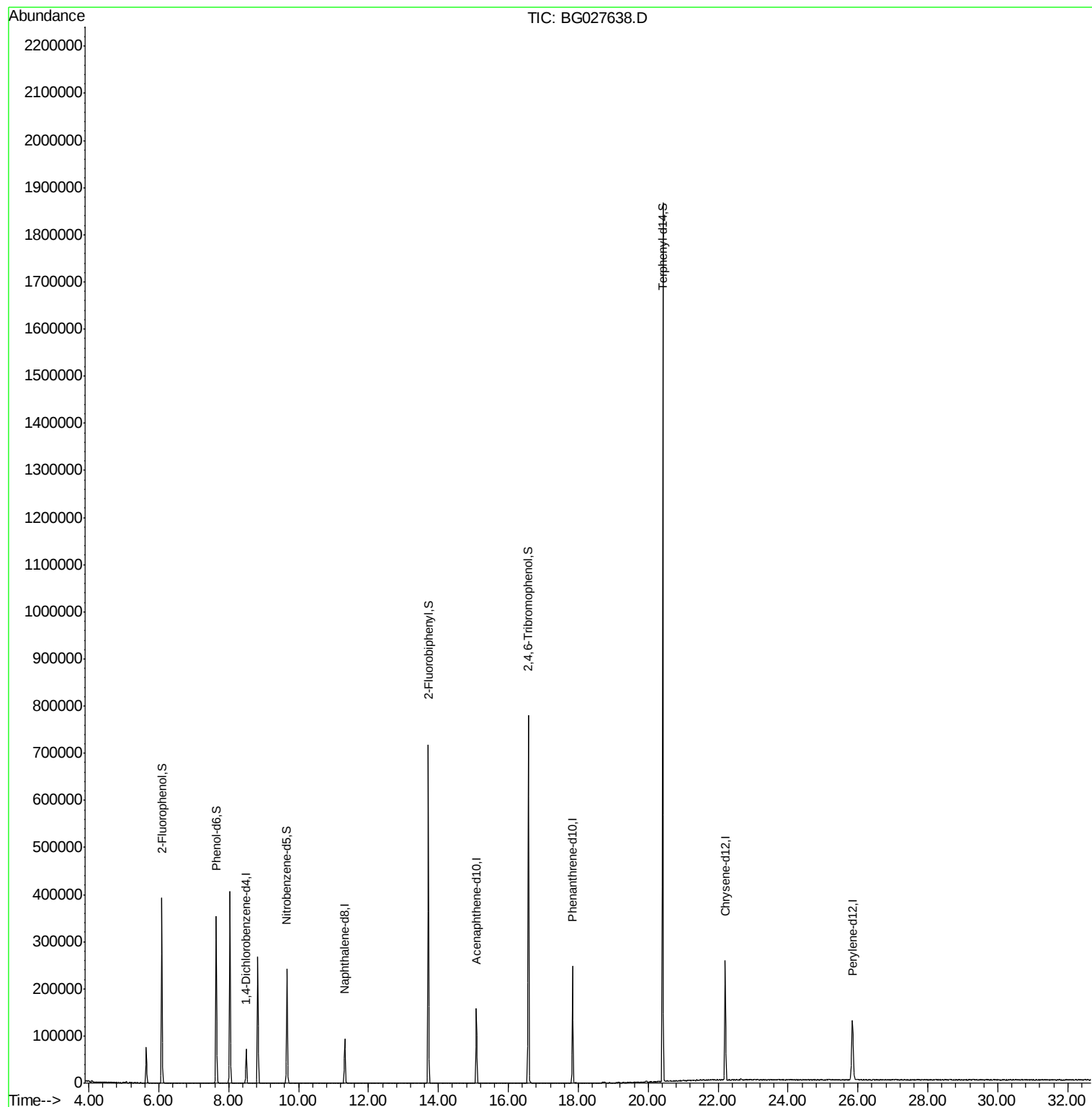
Target Compounds Qvalue

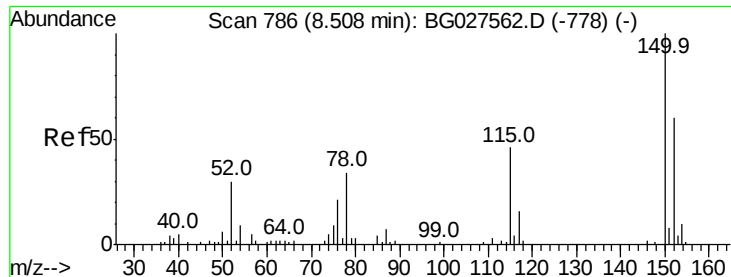
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027638.D

Acq: 23 Jun 2017 19:51

Instrument :

BNA_G

ClientSampleId :

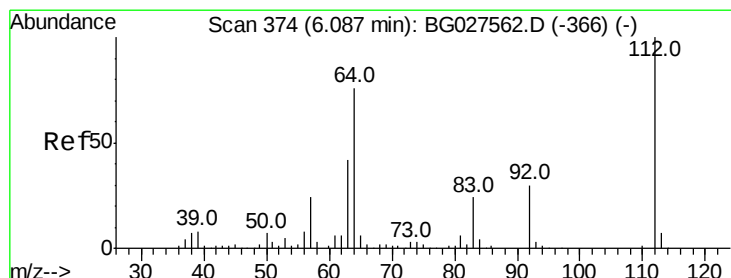
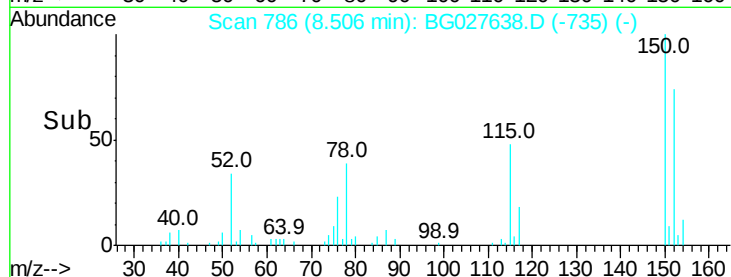
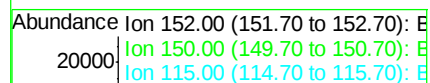
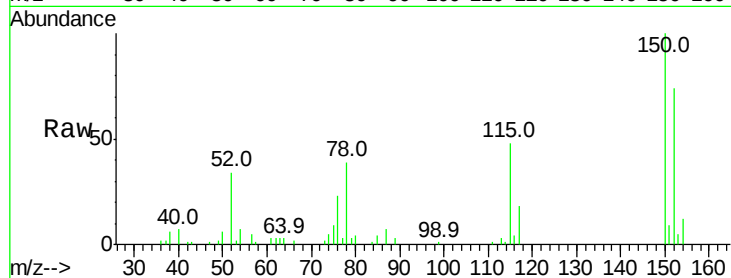
Tot Ion:152 Resp: 18943

Ion Ratio Lower Upper

152 100

150 135.2 114.0 171.0

115 65.2 48.1 72.1



#5

2-Fluorophenol

Concen: 120.43 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.00 min

Lab File: BG027638.D

Acq: 23 Jun 2017 19:51

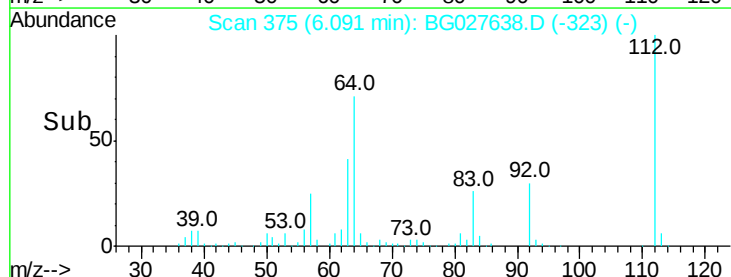
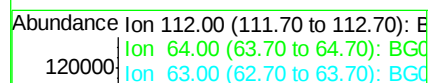
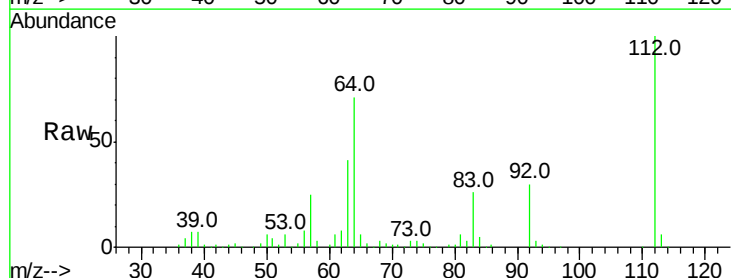
Tgt Ion:112 Resp: 160289

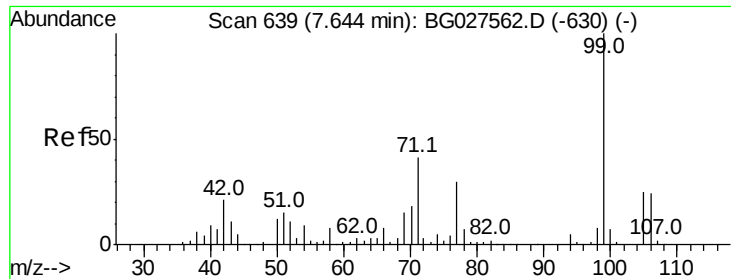
Ion Ratio Lower Upper

112 100

64 71.0 61.8 92.6

63 41.3 37.2 55.8





#7

Phenol-d6

Concen: 99.14 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027638.D

Acq: 23 Jun 2017 19:51

Instrument :

BNA_G

ClientSampleId :

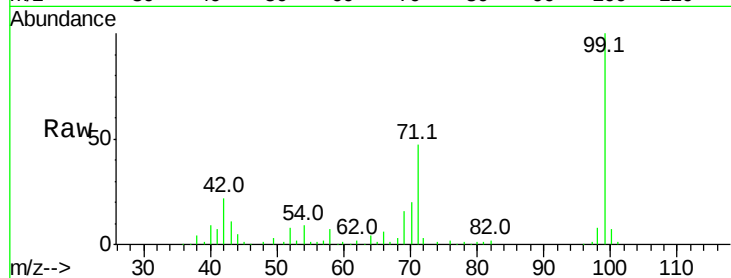
Tot Ion: 99 Resp: 195355

Ion Ratio Lower Upper

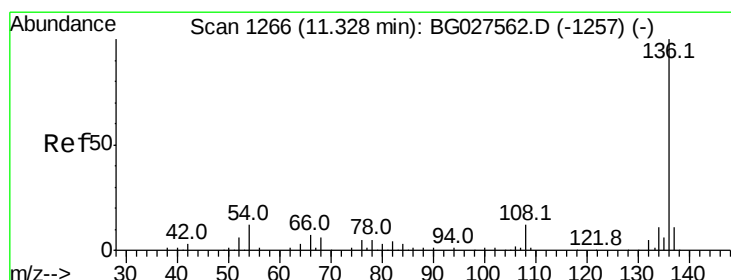
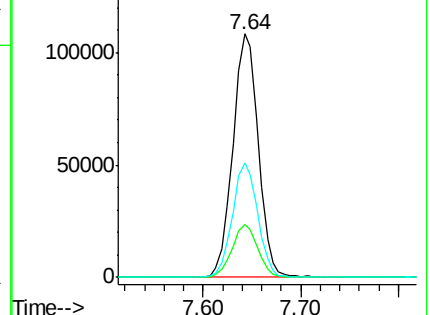
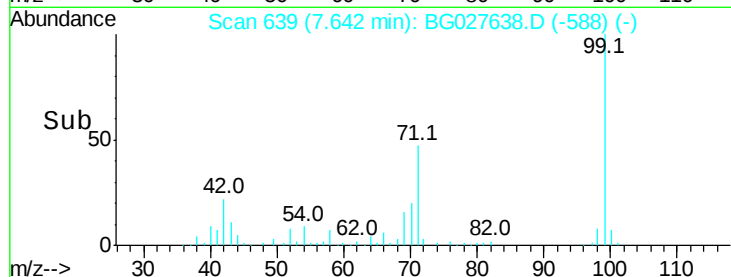
99 100

42 21.7 20.5 30.7

71 46.9 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: BG027638.D

Acq: 23 Jun 2017 19:51

Tgt Ion: 136 Resp: 81944

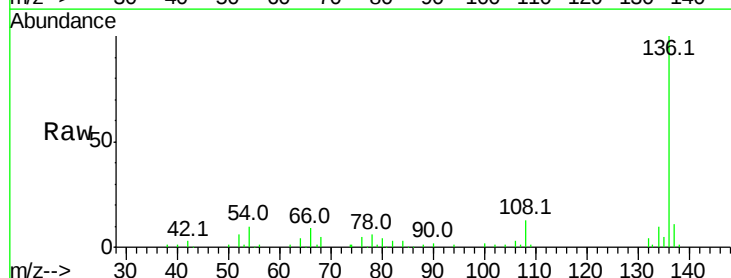
Ion Ratio Lower Upper

136 100

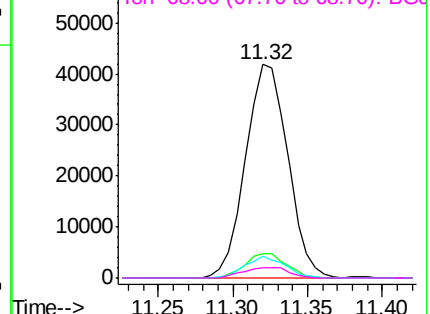
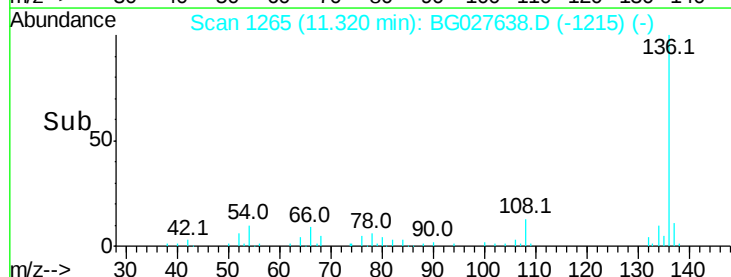
137 11.3 8.9 13.3

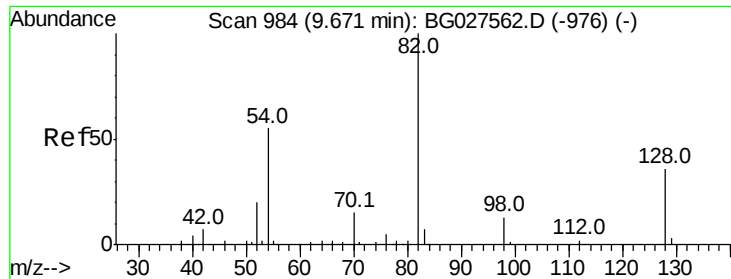
54 10.1 9.3 13.9

68 4.7 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

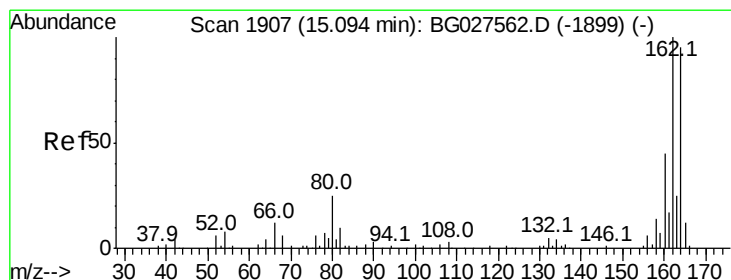
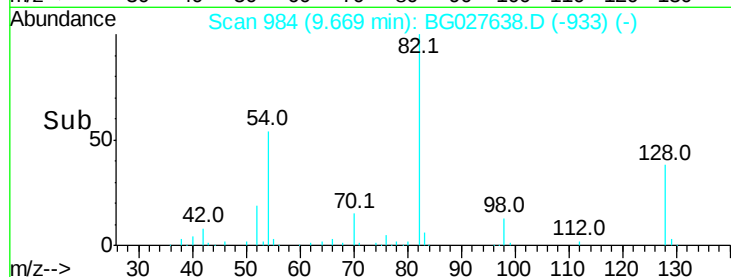
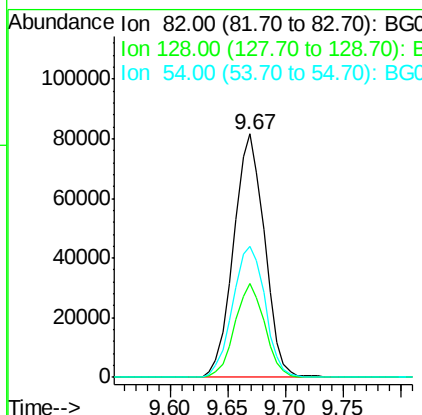
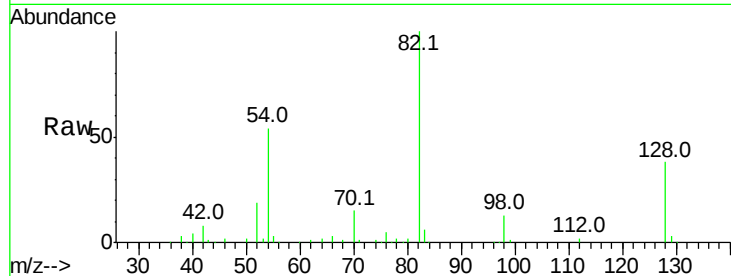




#23
 Nitrobenzene-d5
 Concen: 87.63 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027638.D
 Acq: 23 Jun 2017 19:51

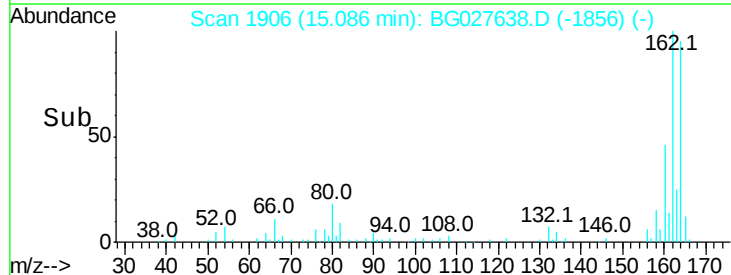
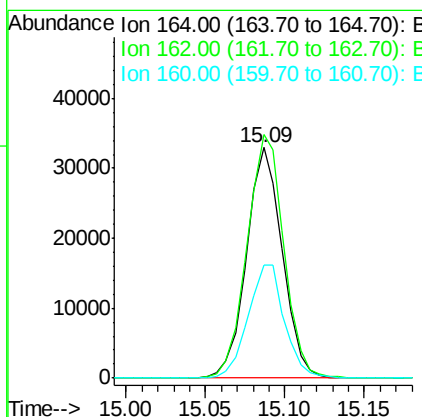
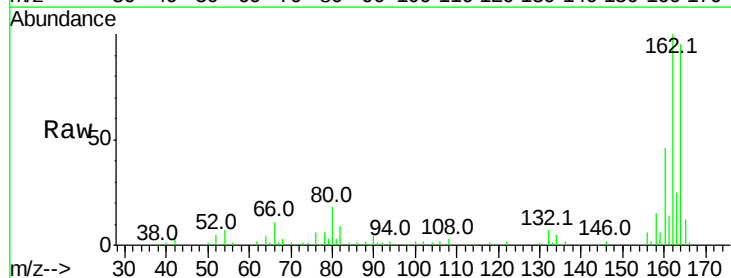
Instrument :
 BNA_G
 ClientSampled :

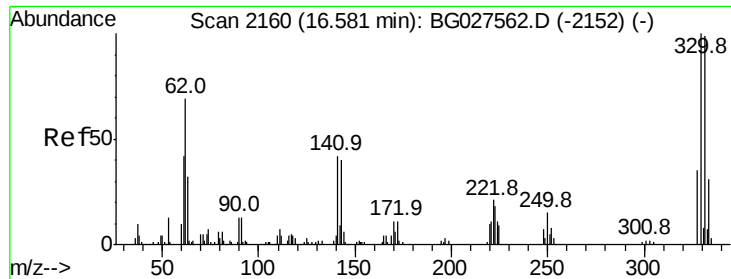
Tot Ion: 82 Resp: 151751
 Ion Ratio Lower Upper
 82 100
 128 38.3 26.4 39.6
 54 53.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027638.D
 Acq: 23 Jun 2017 19:51

Tgt Ion:164 Resp: 51449
 Ion Ratio Lower Upper
 164 100
 162 105.5 85.1 127.7
 160 49.0 34.7 52.1

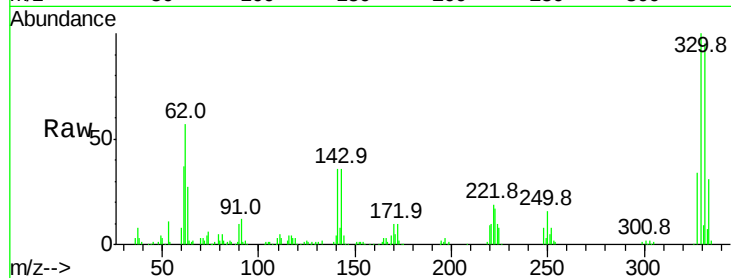




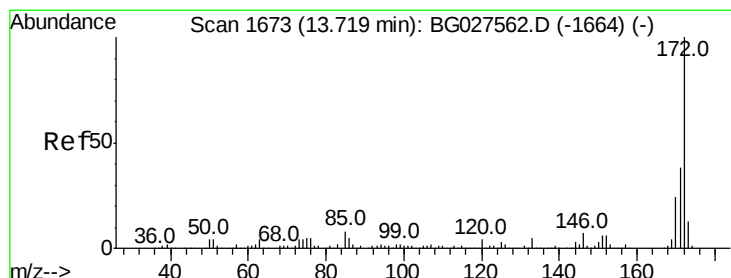
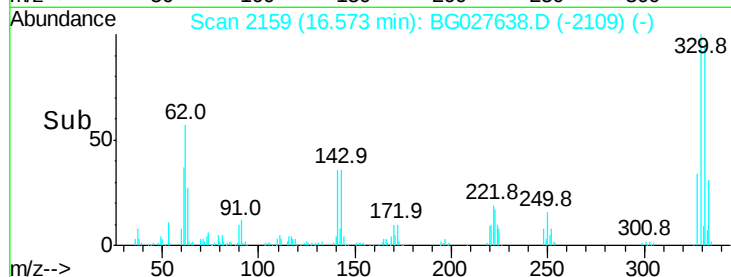
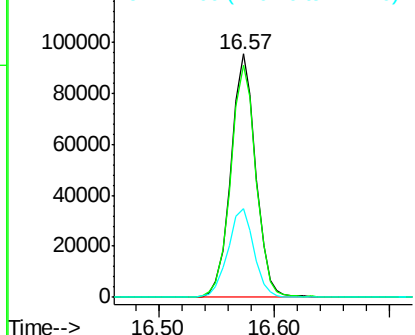
#41
 2,4,6-Tribromophenol
 Concen: 184.82 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027638.D
 Acq: 23 Jun 2017 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 141762
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 38.2 32.1 48.1

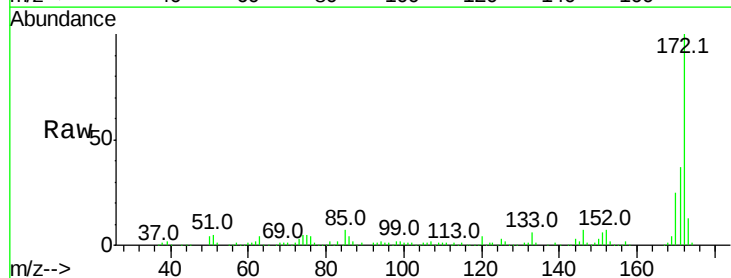


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

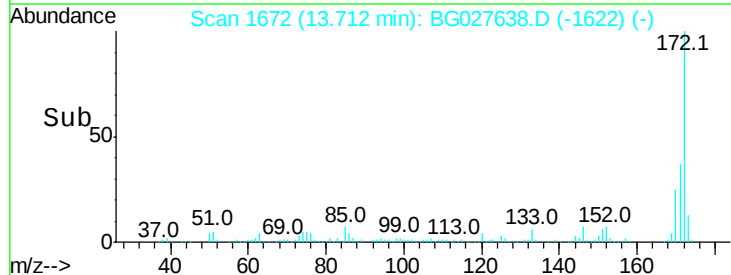
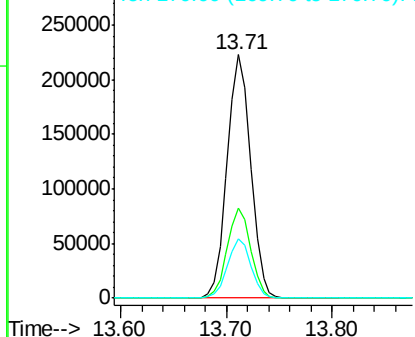


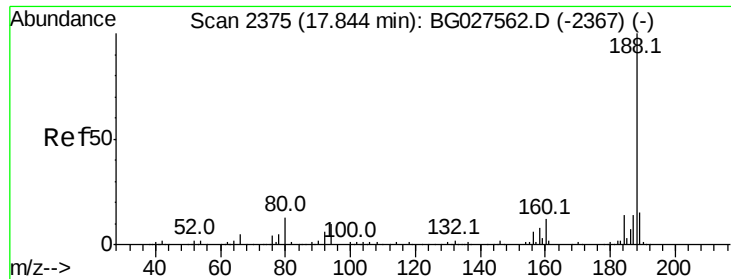
#44
 2-Fluorobiphenyl
 Concen: 91.01 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027638.D
 Acq: 23 Jun 2017 19:51

Tgt Ion:172 Resp: 342791
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 24.5 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

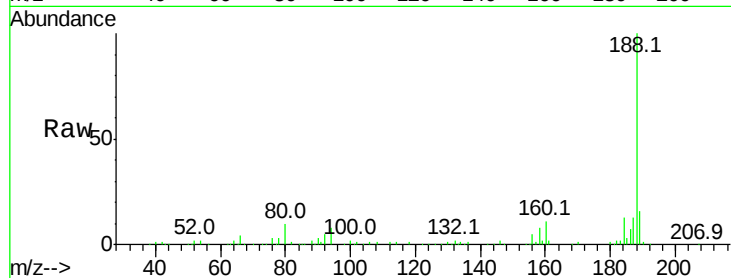




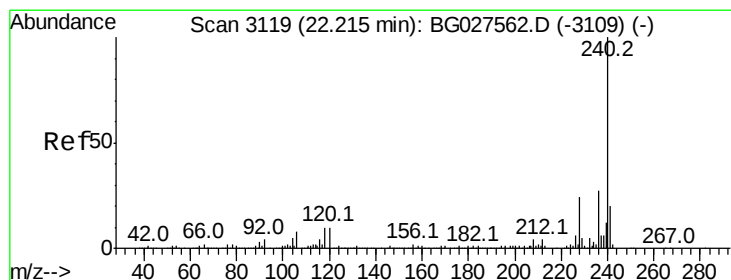
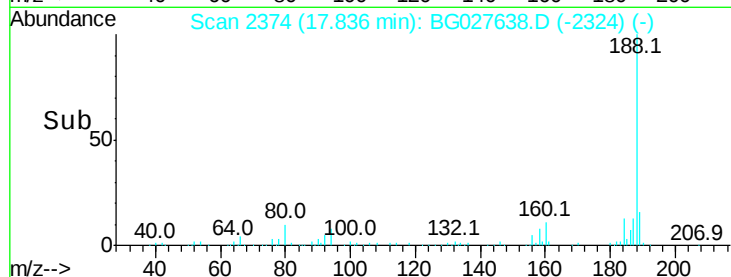
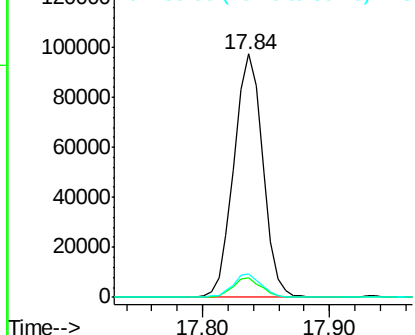
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.84 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG027638.D
 Acq: 23 Jun 2017 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 153768
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.8 8.8
 80 9.5 7.5 11.3

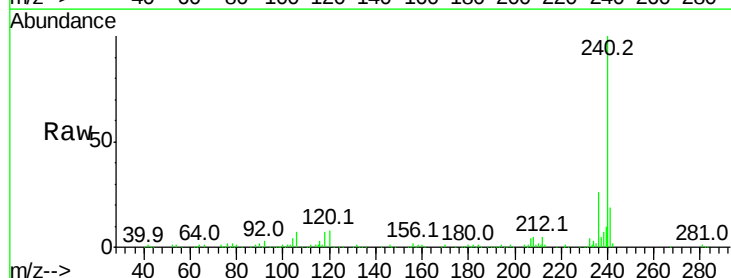


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

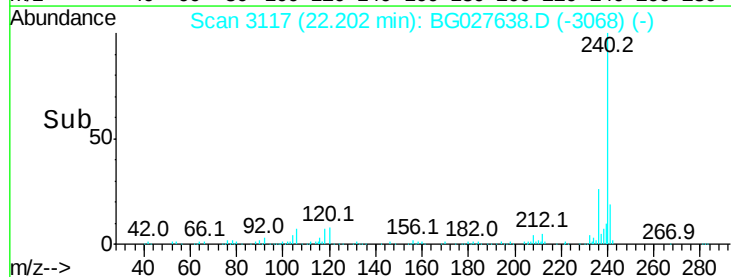
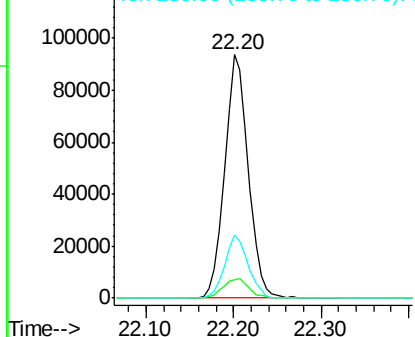


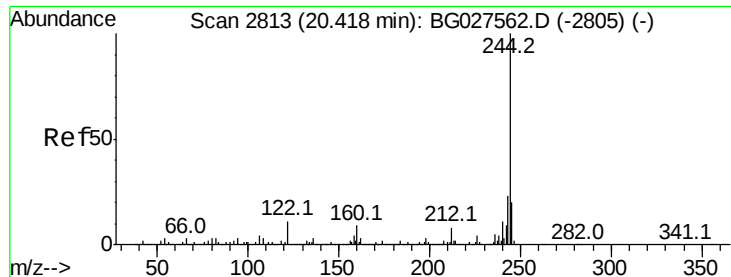
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.20 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG027638.D
 Acq: 23 Jun 2017 19:51

Tgt Ion:240 Resp: 172578
 Ion Ratio Lower Upper
 240 100
 120 7.8 5.7 8.5
 236 26.0 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

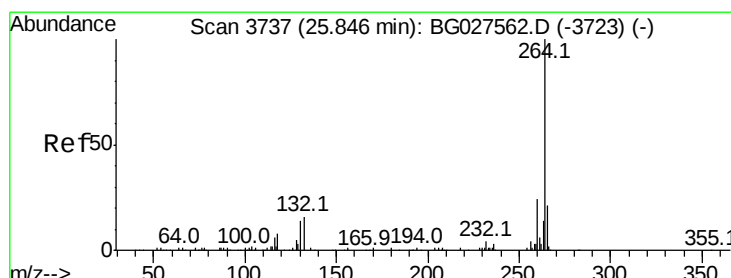
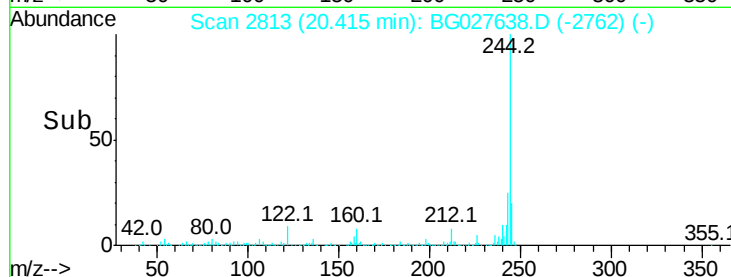
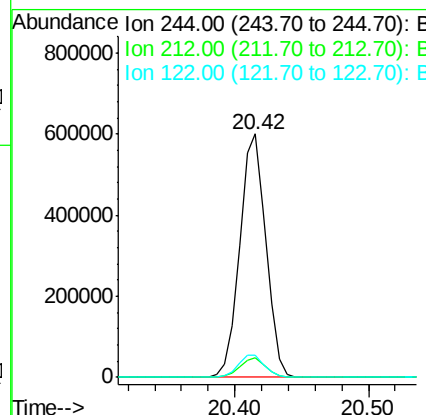
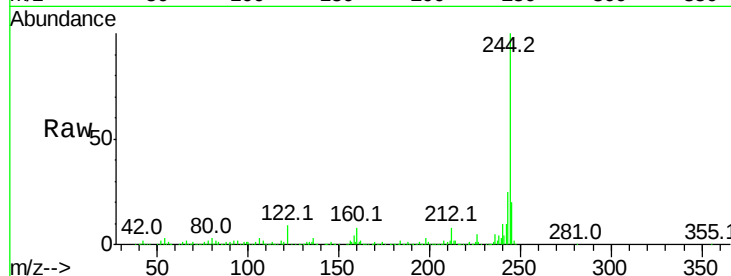




#78
 Terphenyl-d14
 Concen: 111.11 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027638.D
 Acq: 23 Jun 2017 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	9.0	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: BG027638.D
 Acq: 23 Jun 2017 19:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	21.8	18.2	27.4

