

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
 Data File : BG027659.D
 Acq On : 24 Jun 2017 14:50
 Operator : SJ/JU
 Sample : PB100080BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 04:17:59 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	18165	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	84426	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	54939	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	147755	20.00	ng	0.00
75) Chrysene-d12	22.20	240	168224	20.00	ng	-0.01
86) Perylene-d12	25.84	264	155698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	125340	98.20	ng	0.00
7) Phenol-d6	7.65	99	176055	93.18	ng	0.00
23) Nitrobenzene-d5	9.67	82	163814	91.81	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	75571	92.27	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	391364	97.31	ng	0.00
78) Terphenyl-d14	20.42	244	753448	105.53	ng	0.00

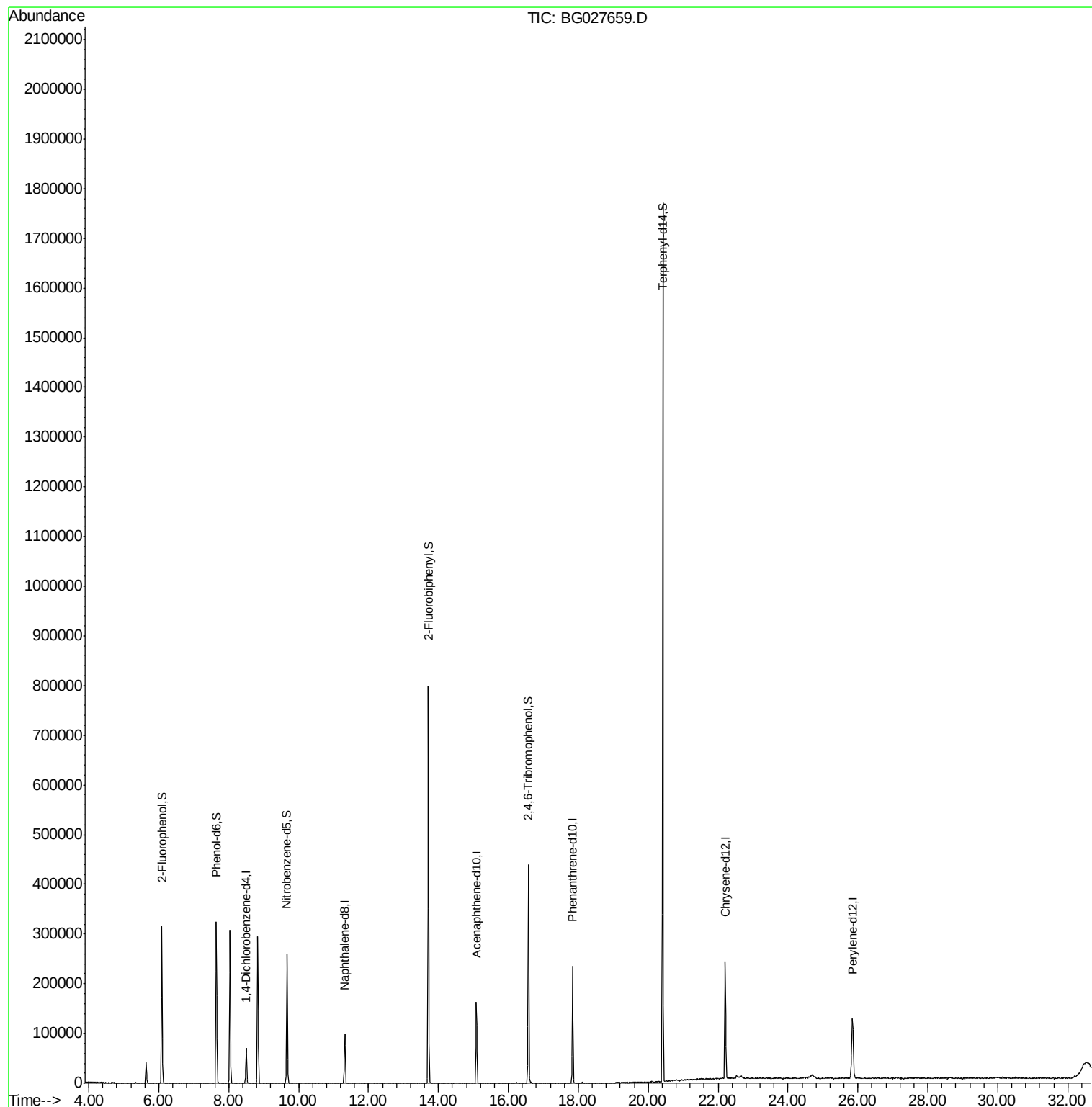
Target Compounds Qvalue

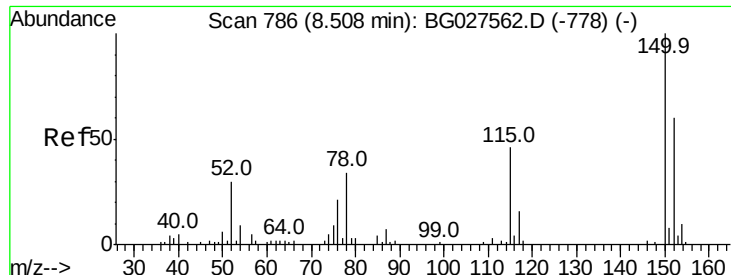
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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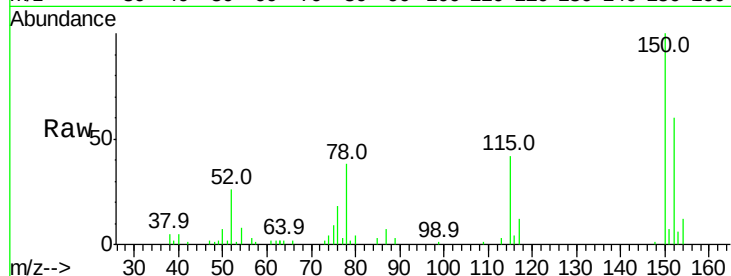


#1

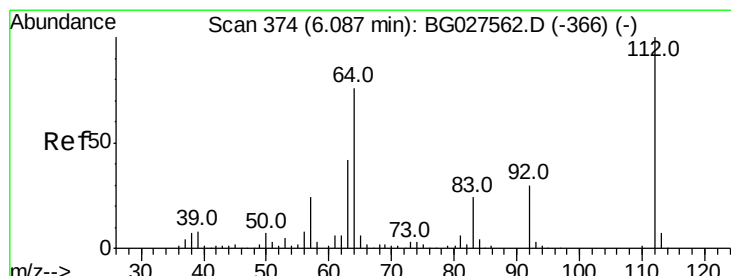
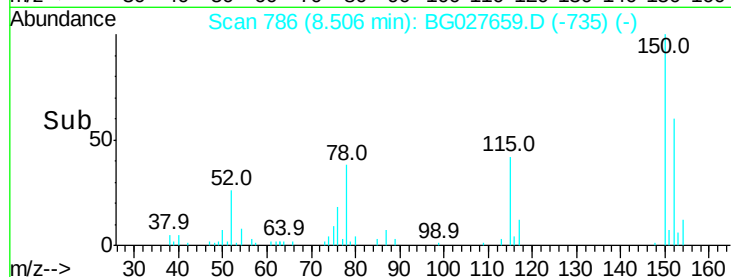
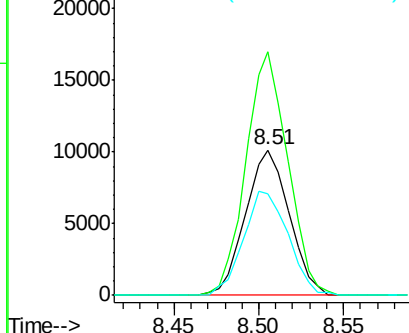
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027659.D
Acq: 24 Jun 2017 14:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 18165
Ion Ratio Lower Upper
152 100
150 167.5 114.0 171.0
115 70.1 48.1 72.1



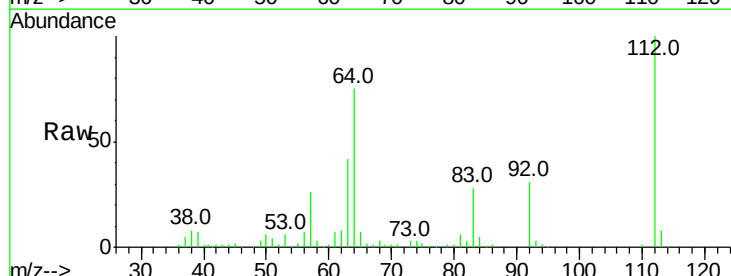
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



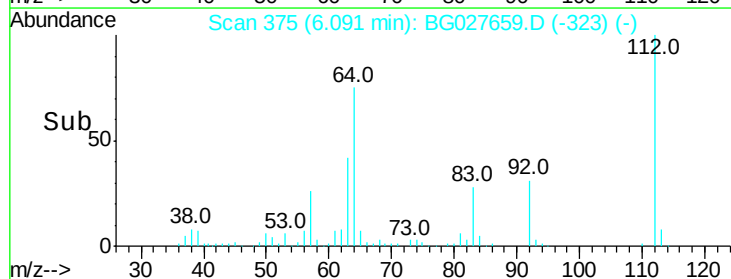
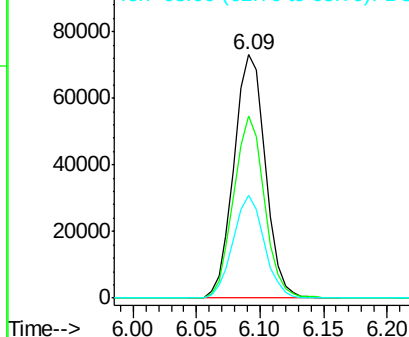
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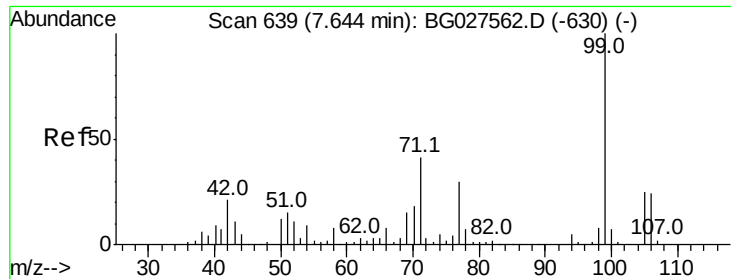
2-Fluorophenol
Concen: 98.20 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027659.D
Acq: 24 Jun 2017 14:50

Tgt Ion:112 Resp: 125340
Ion Ratio Lower Upper
112 100
64 74.9 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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.18 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027659.D

Acq: 24 Jun 2017 14:50

Instrument :

BNA_G

ClientSampleId :

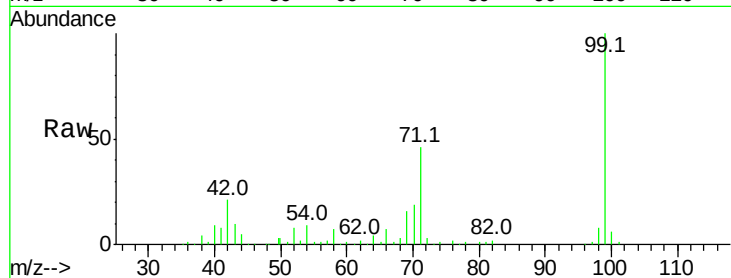
Tot Ion: 99 Resp: 176055

Ion Ratio Lower Upper

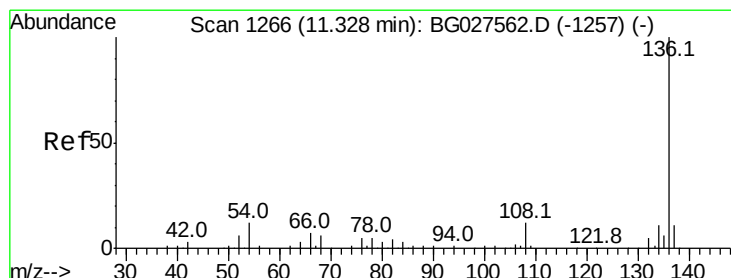
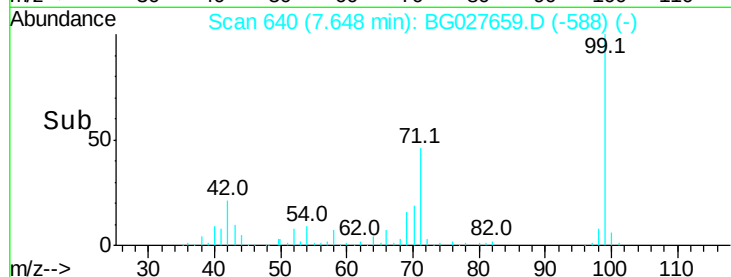
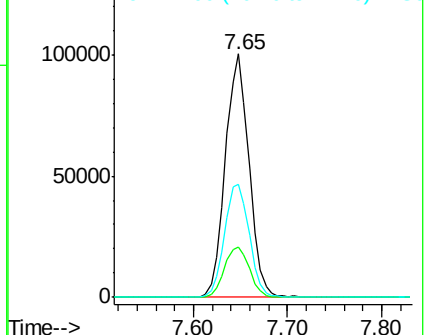
99 100

42 20.8 20.5 30.7

71 46.3 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: 11.33 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BG027659.D

Acq: 24 Jun 2017 14:50

Tgt Ion: 136 Resp: 84426

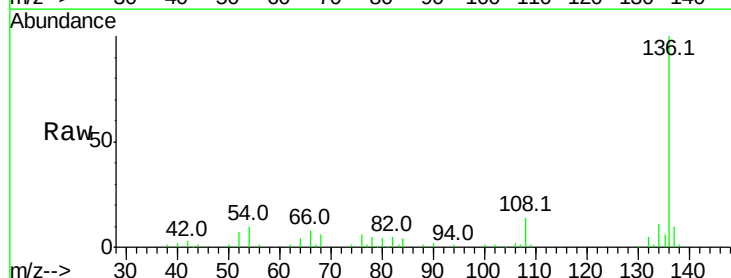
Ion Ratio Lower Upper

136 100

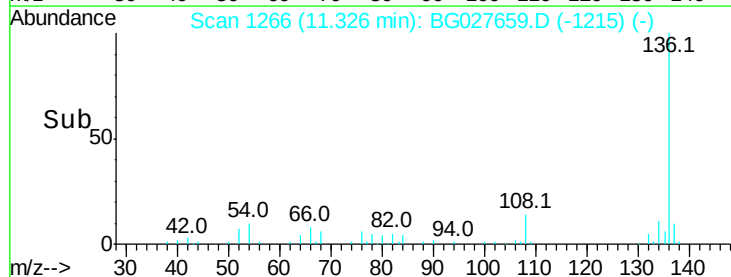
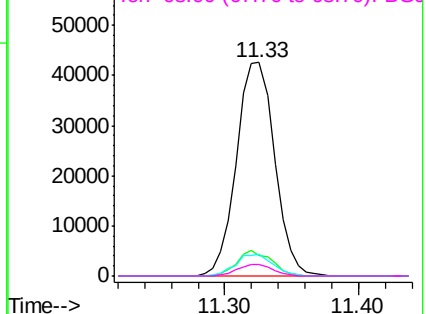
137 9.5 8.9 13.3

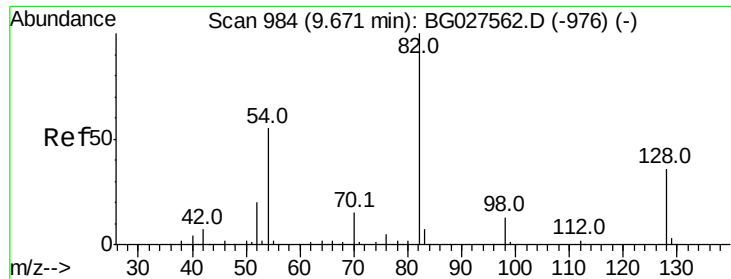
54 10.2 9.3 13.9

68 5.7 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

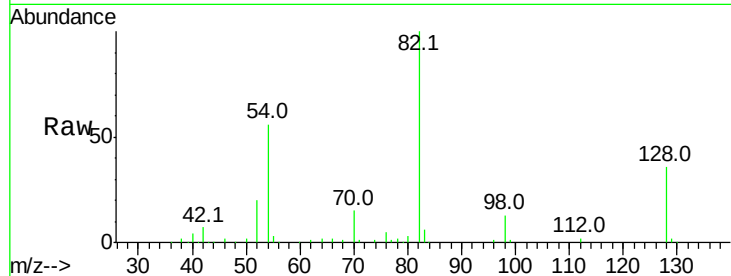




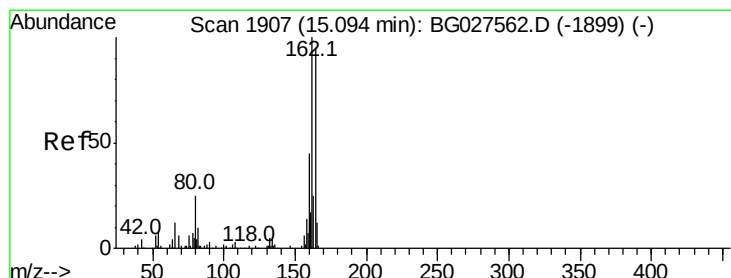
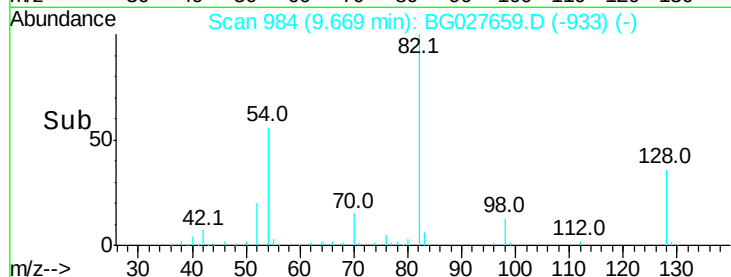
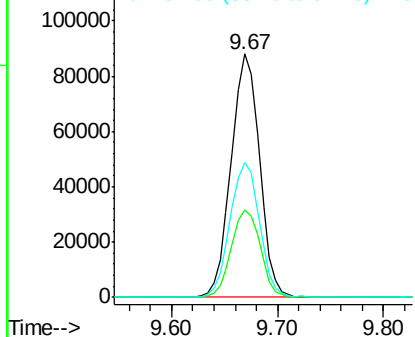
#23
 Nitrobenzene-d5
 Concen: 91.81 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027659.D
 Acq: 24 Jun 2017 14:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 163814
 Ion Ratio Lower Upper
 82 100
 128 36.0 26.4 39.6
 54 55.5 49.4 74.2

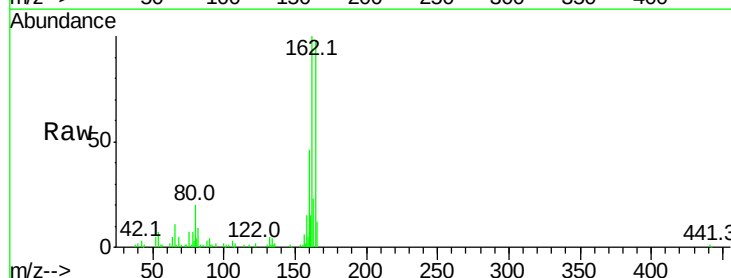


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

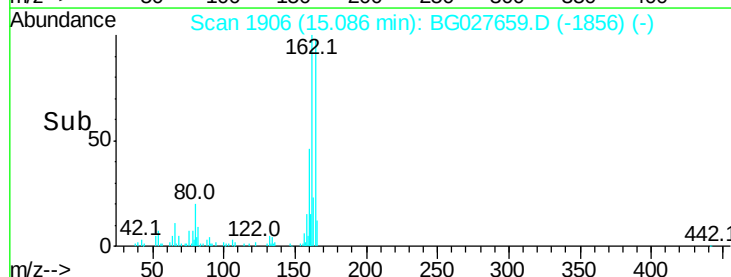
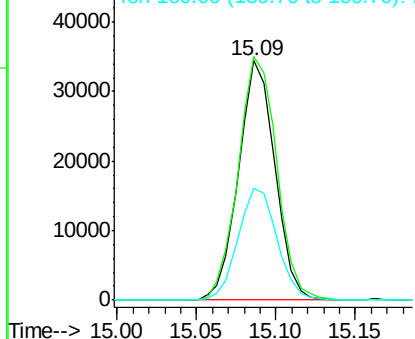


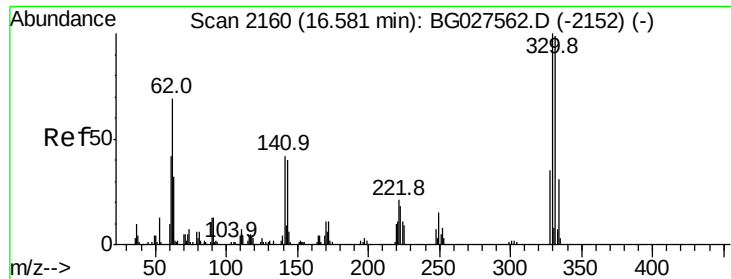
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027659.D
 Acq: 24 Jun 2017 14:50

Tgt Ion:164 Resp: 54939
 Ion Ratio Lower Upper
 164 100
 162 101.6 85.1 127.7
 160 46.8 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

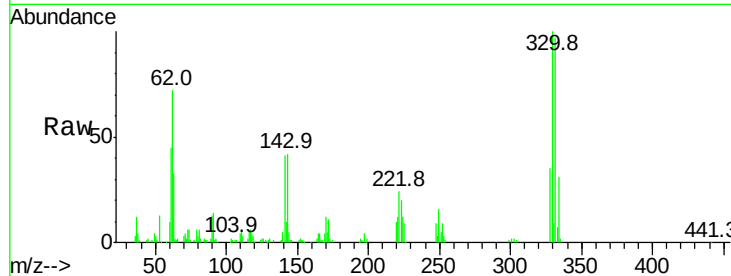




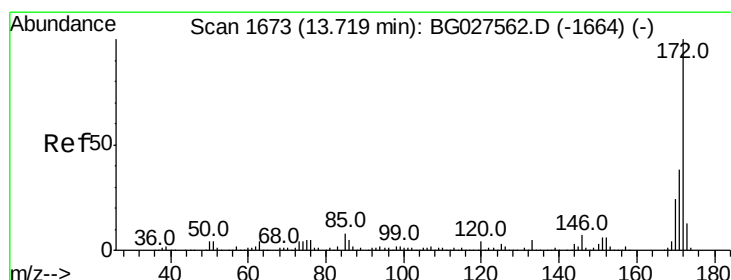
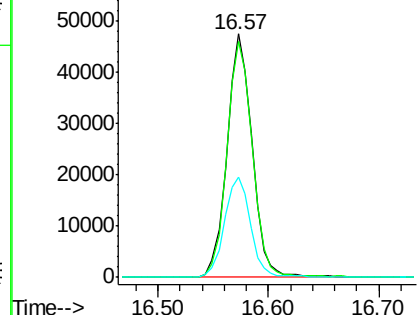
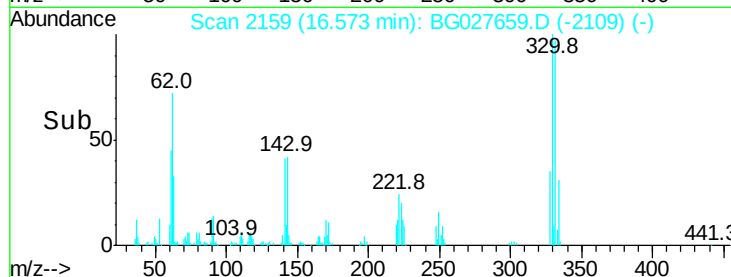
#41
2,4,6-Tribromophenol
Concen: 92.27 ng
RT: 16.57 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027659.D
Acq: 24 Jun 2017 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:330 Resp: 75571
Ion Ratio Lower Upper
330 100
332 98.4 77.3 115.9
141 42.7 32.1 48.1

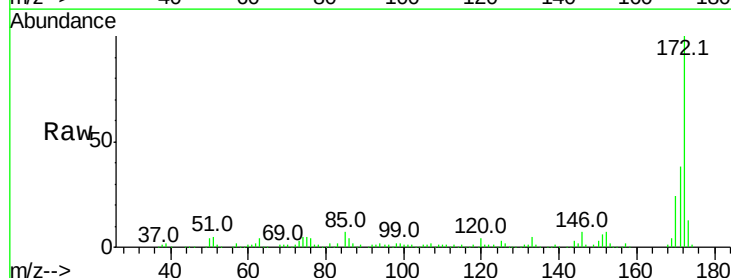


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

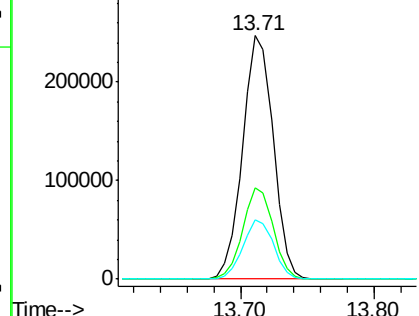
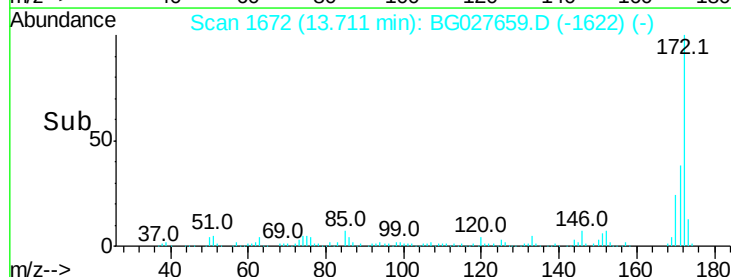


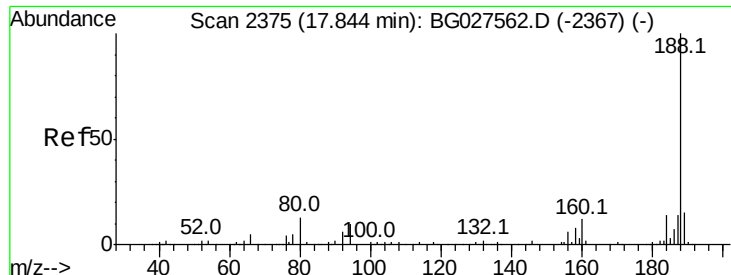
#44
2-Fluorobiphenyl
Concen: 97.31 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027659.D
Acq: 24 Jun 2017 14:50

Tgt Ion:172 Resp: 391364
Ion Ratio Lower Upper
172 100
171 37.7 32.2 48.2
170 24.2 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

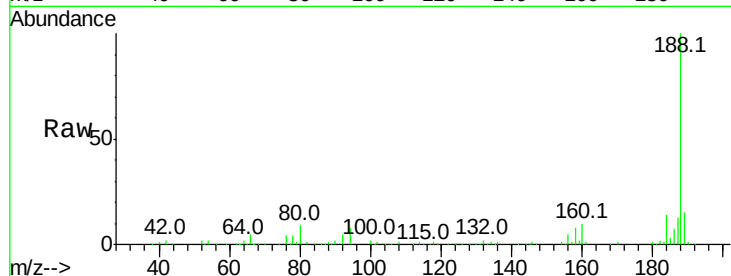




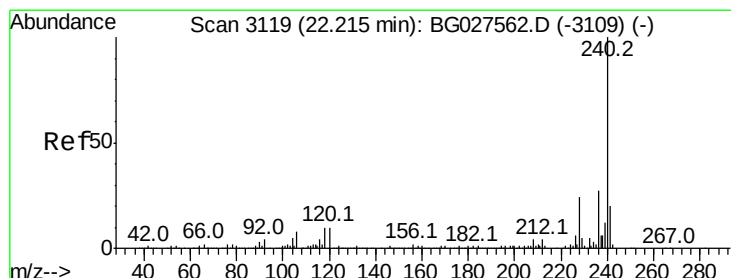
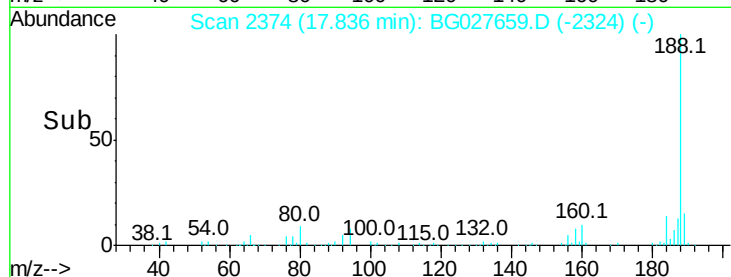
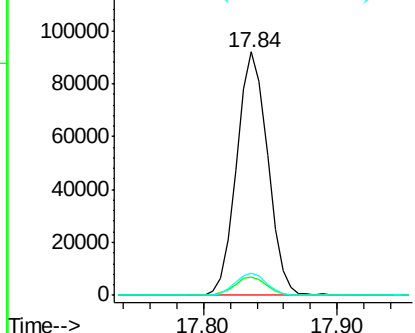
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027659.D
Acq: 24 Jun 2017 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 147755
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.8
80 8.9 7.5 11.3

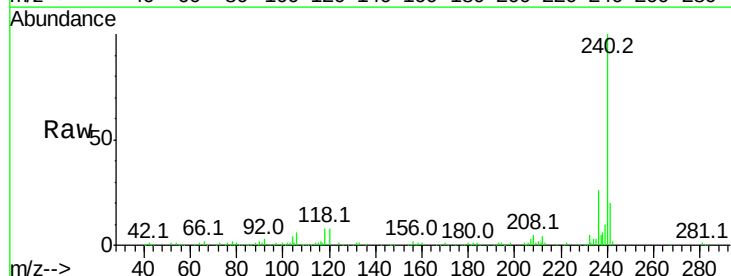


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

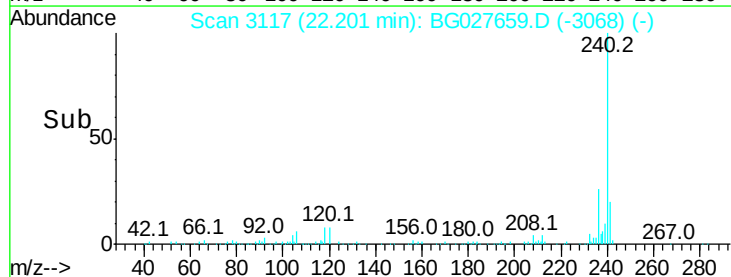
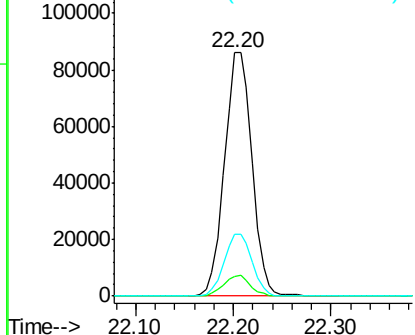


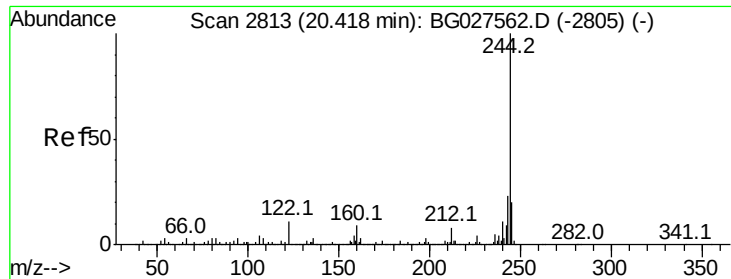
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027659.D
Acq: 24 Jun 2017 14:50

Tgt Ion:240 Resp: 168224
Ion Ratio Lower Upper
240 100
120 8.2 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

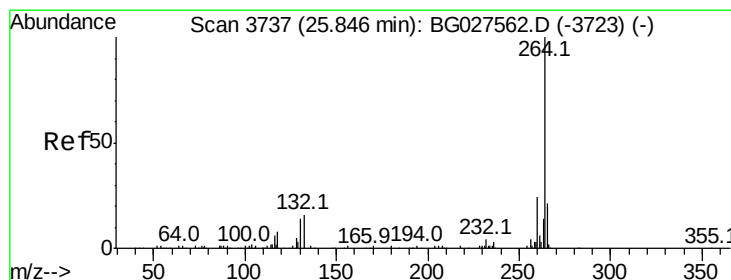
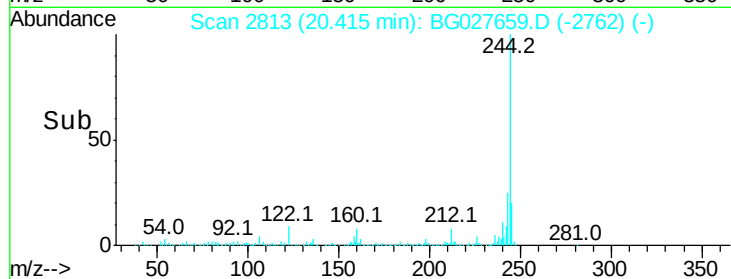
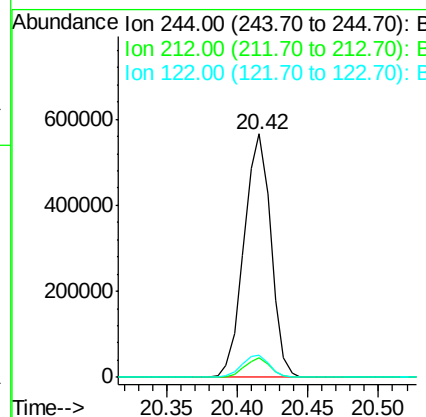
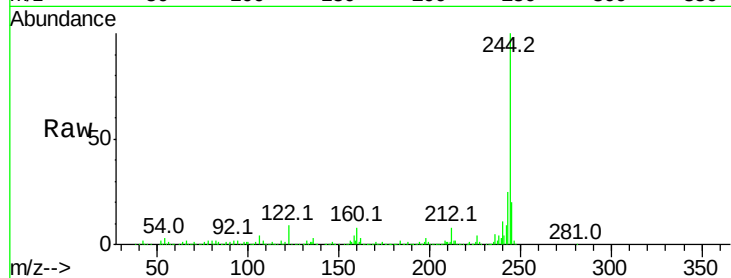




#78
 Terphenyl-d14
 Concen: 105.53 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027659.D
 Acq: 24 Jun 2017 14:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	9.2	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3737
 Delta R.T. -0.00 min
 Lab File: BG027659.D
 Acq: 24 Jun 2017 14:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.7	18.2	27.4

