

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027679.D
 Acq On : 26 Jun 2017 17:51
 Operator : SJ/JU
 Sample : PB100146TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100146TB

Quant Time: Jun 27 01:27:49 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	17426	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	72418	20.00	ng	-0.02
38) Acenaphthene-d10	15.08	164	42535	20.00	ng	-0.02
63) Phenanthrene-d10	17.83	188	122976	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	152479	20.00	ng	-0.03
86) Perylene-d12	25.80	264	149524	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	163219	133.30	ng	-0.01
7) Phenol-d6	7.63	99	208855	115.22	ng	-0.01
23) Nitrobenzene-d5	9.65	82	135144	88.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	99532	156.96	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	296839	95.33	ng	-0.02
78) Terphenyl-d14	20.40	244	662249	102.33	ng	-0.02

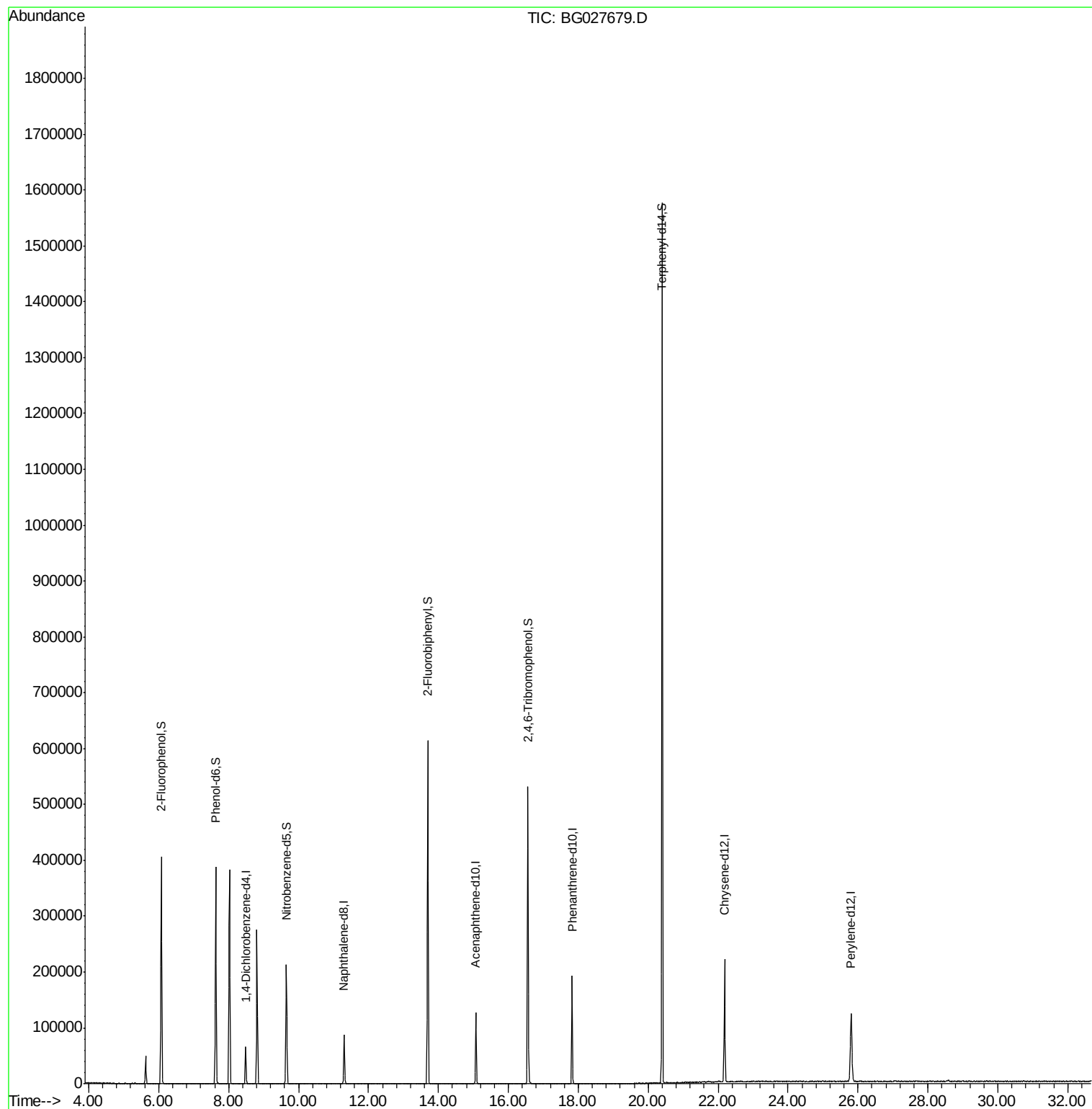
Target Compounds Qvalue

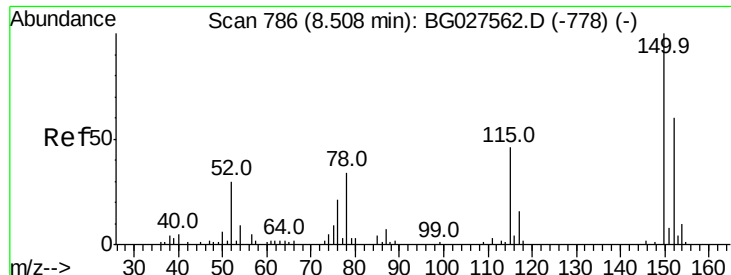
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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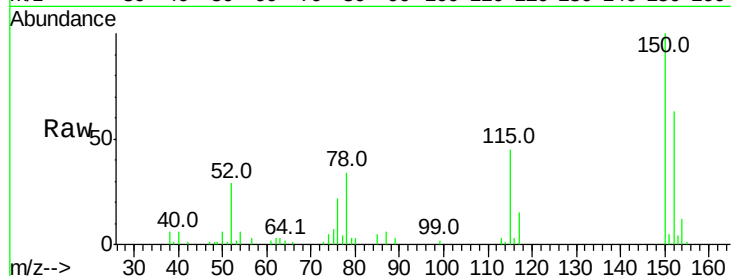


#1

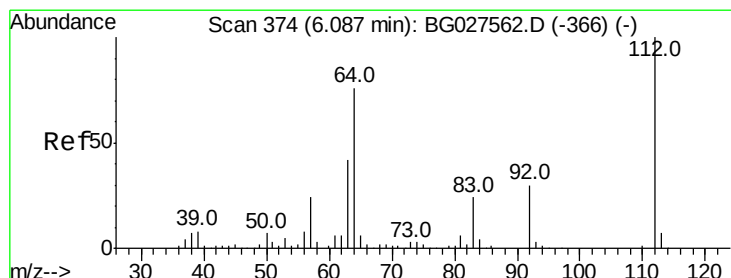
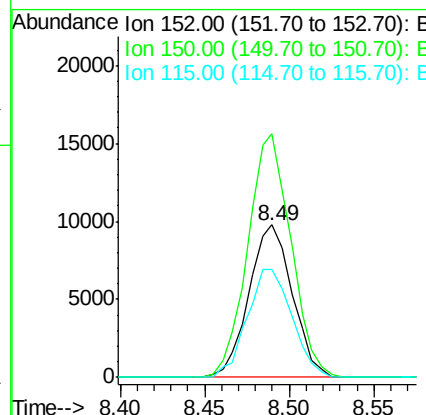
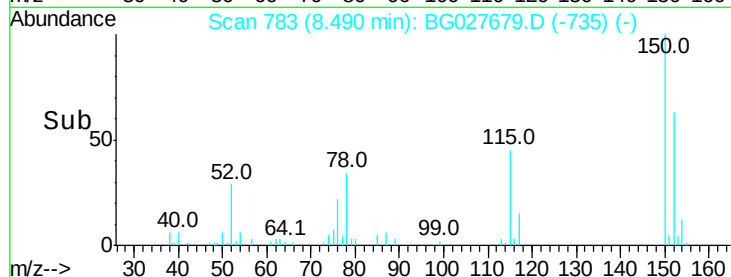
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027679.D
Acq: 26 Jun 2017 17:51

Instrument :
BNA_G
ClientSampleId :
PB100146TB

Tot Ion:152 Resp: 17426
Ion Ratio Lower Upper
152 100
150 159.7 114.0 171.0
115 71.1 48.1 72.1



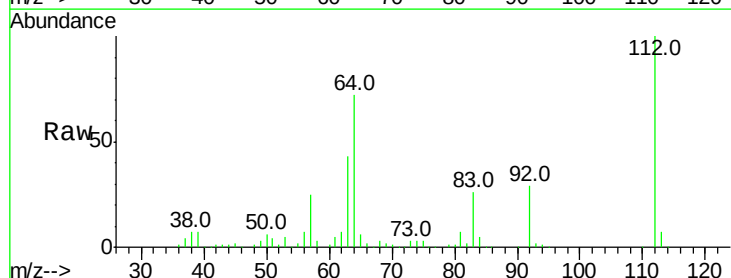
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



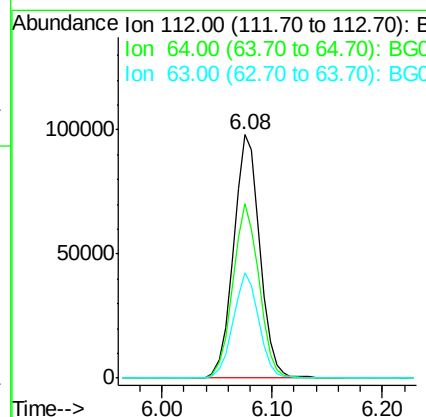
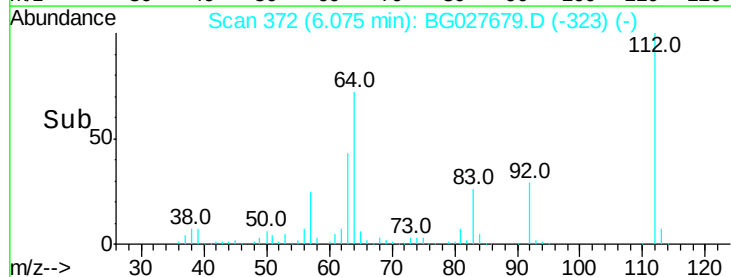
#5

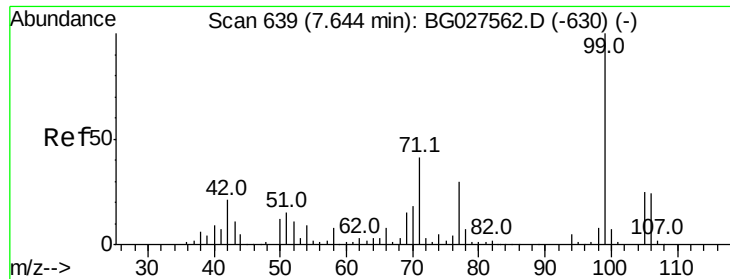
2-Fluorophenol
Concen: 133.30 ng
RT: 6.08 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027679.D
Acq: 26 Jun 2017 17:51

Tgt Ion:112 Resp: 163219
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 43.1 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: 115.22 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027679.D

Acq: 26 Jun 2017 17:51

Instrument :

BNA_G

ClientSampleId :

PB100146TB

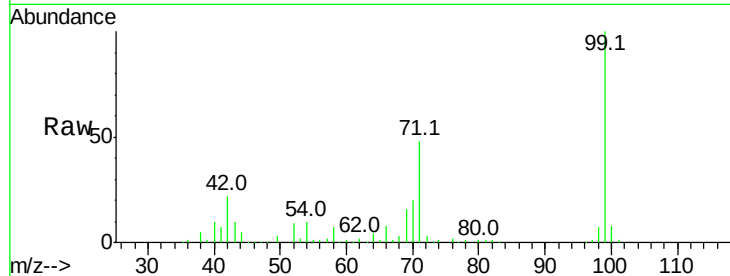
Tot Ion: 99 Resp: 208855

Ion Ratio Lower Upper

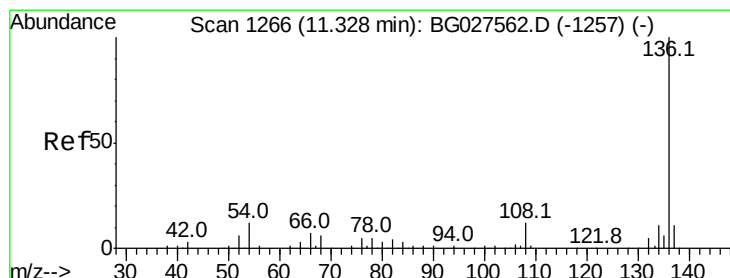
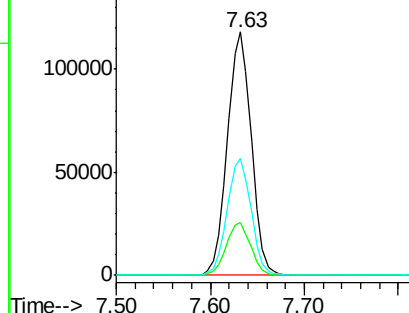
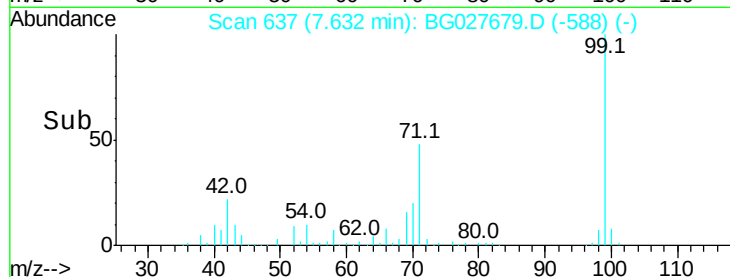
99 100

42 21.6 20.5 30.7

71 48.2 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: 11.30 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027679.D

Acq: 26 Jun 2017 17:51

Tgt Ion: 136 Resp: 72418

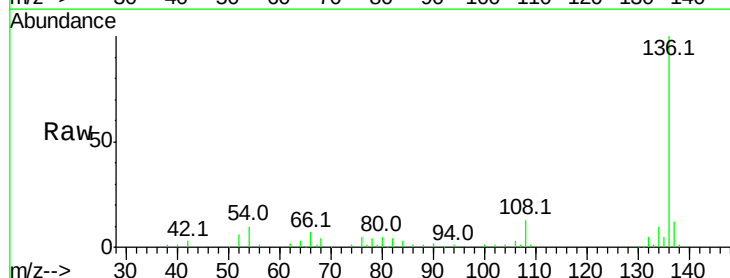
Ion Ratio Lower Upper

136 100

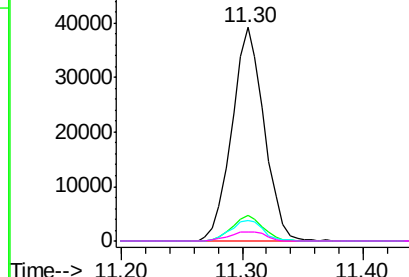
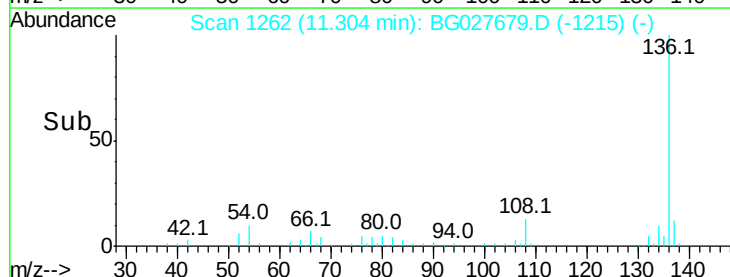
137 12.0 8.9 13.3

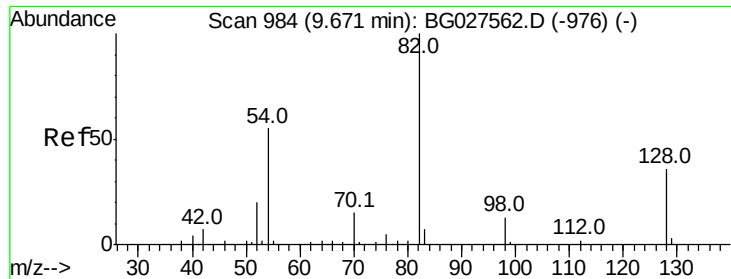
54 9.5 9.3 13.9

68 4.2 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

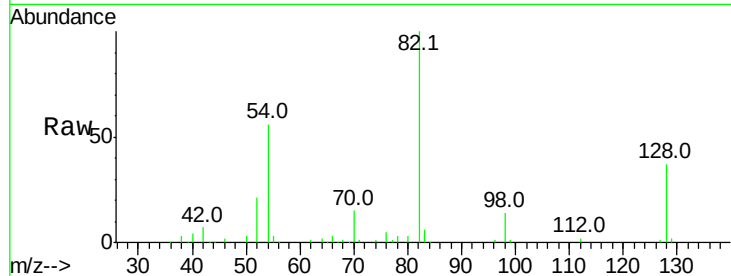




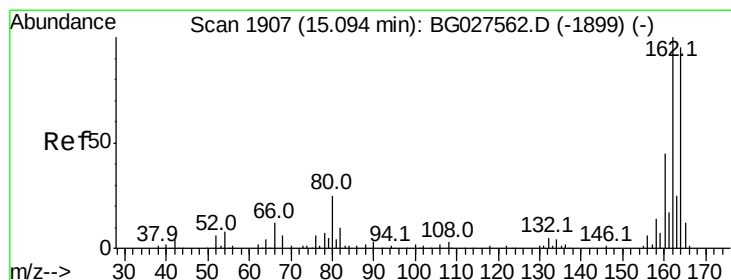
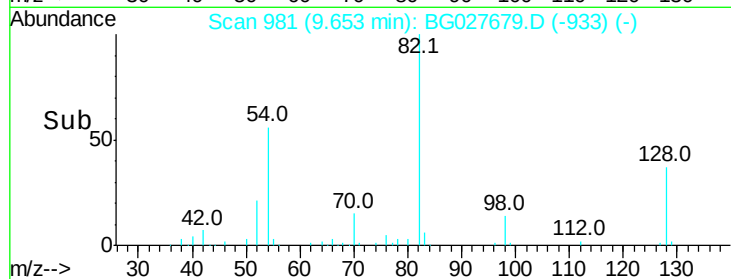
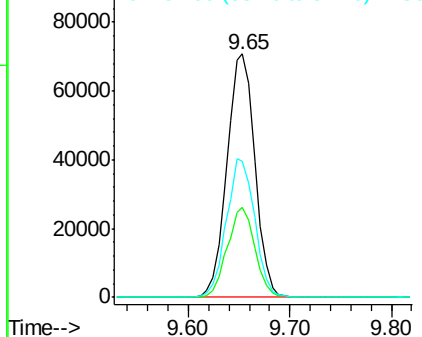
#23
 Nitrobenzene-d5
 Concen: 88.30 ng
 RT: 9.65 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG027679.D
 Acq: 26 Jun 2017 17:51

Instrument :
 BNA_G
 ClientSampleID :
 PB100146TB

Tot Ion: 82 Resp: 135144
 Ion Ratio Lower Upper
 82 100
 128 36.9 26.4 39.6
 54 56.1 49.4 74.2

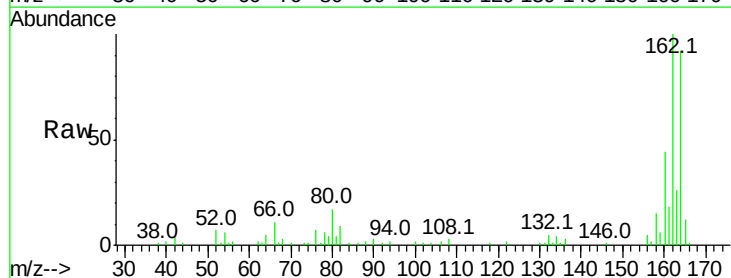


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

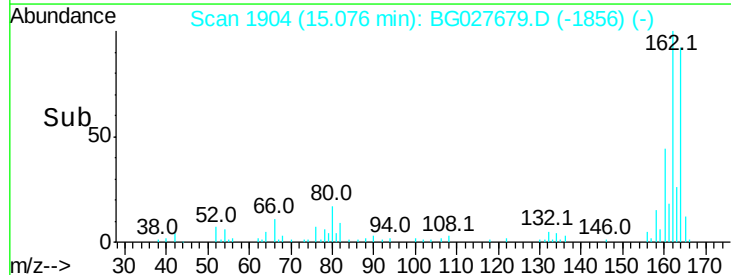
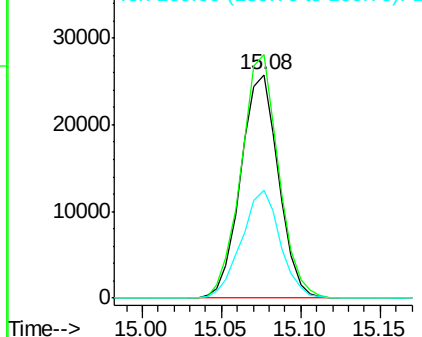


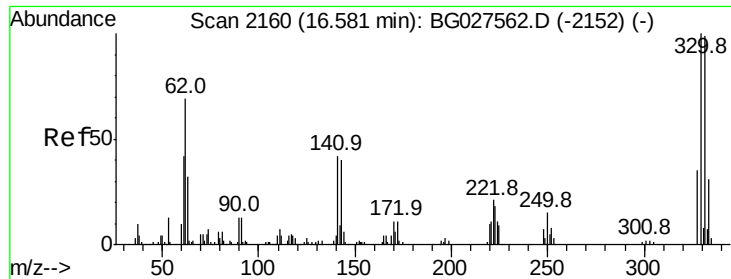
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.08 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BG027679.D
 Acq: 26 Jun 2017 17:51

Tgt Ion:164 Resp: 42535
 Ion Ratio Lower Upper
 164 100
 162 108.8 85.1 127.7
 160 48.3 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: 156.96 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027679.D

Acq: 26 Jun 2017 17:51

Instrument :

BNA_G

ClientSampleId :

PB100146TB

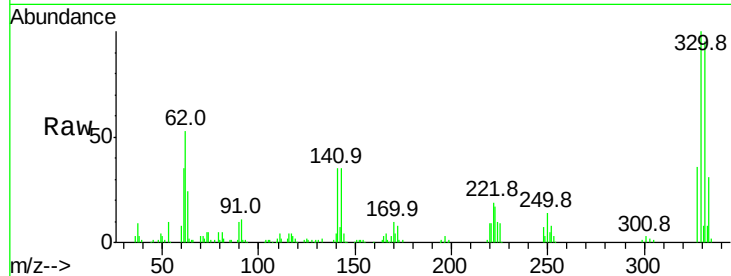
Tot Ion:330 Resp: 99532

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

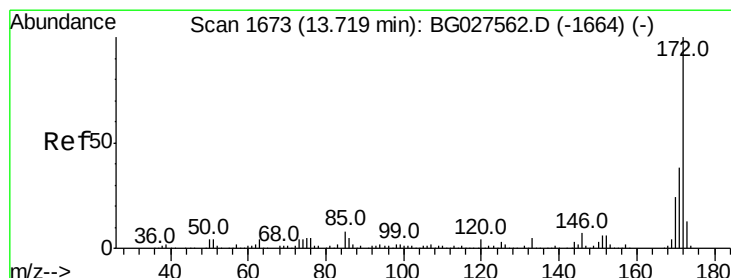
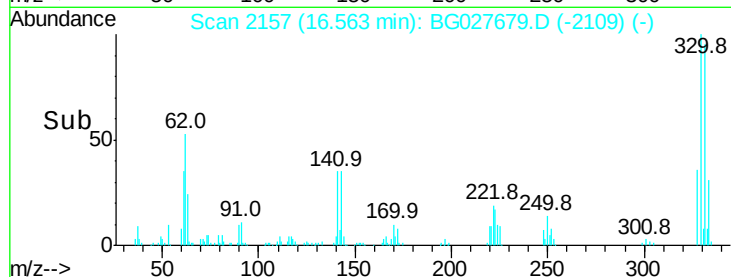
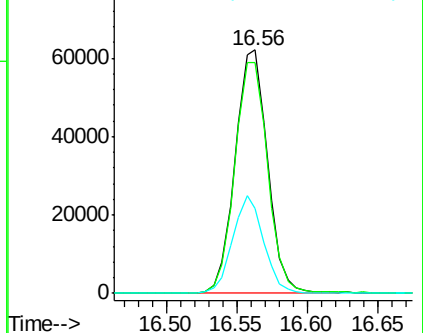
141 38.6 32.1 48.1



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: 95.33 ng

RT: 13.70 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BG027679.D

Acq: 26 Jun 2017 17:51

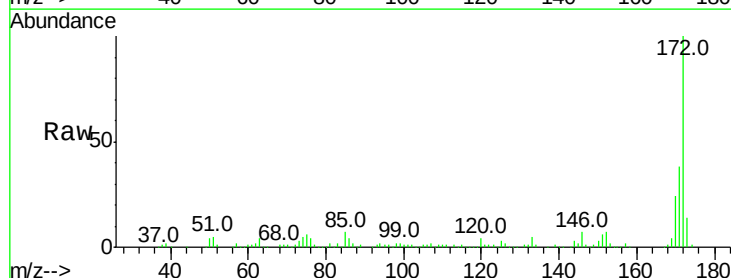
Tgt Ion:172 Resp: 296839

Ion Ratio Lower Upper

172 100

171 38.0 32.2 48.2

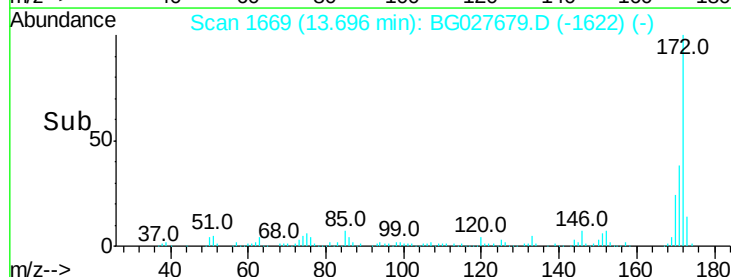
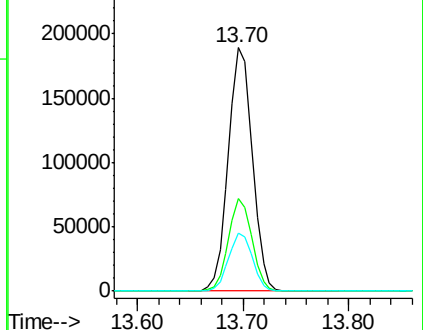
170 24.0 21.8 32.6

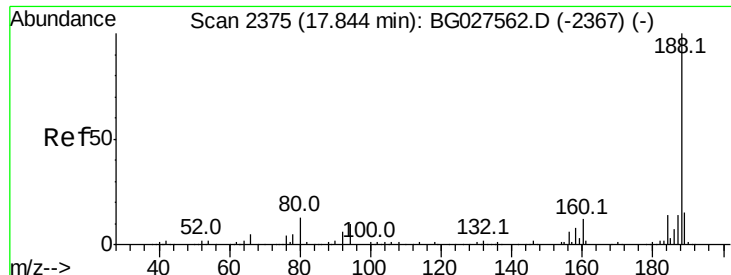


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

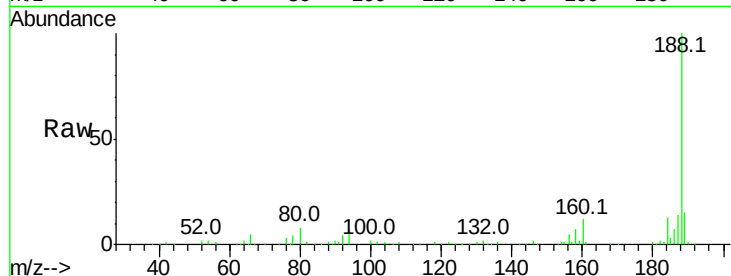




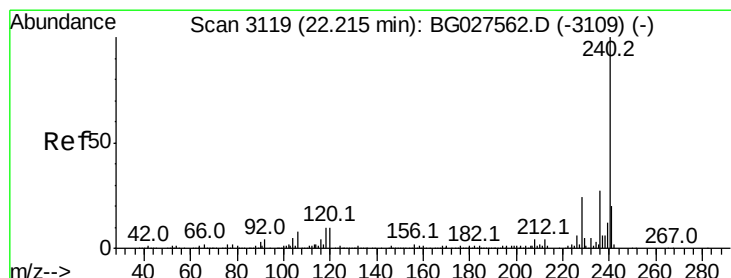
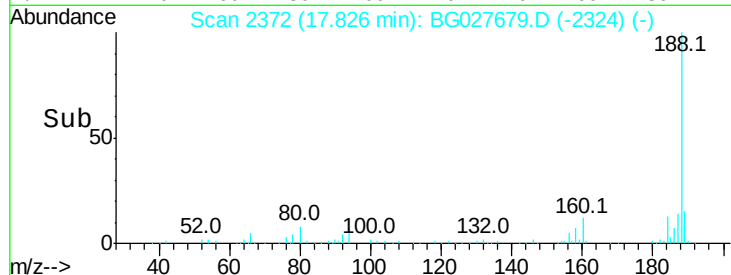
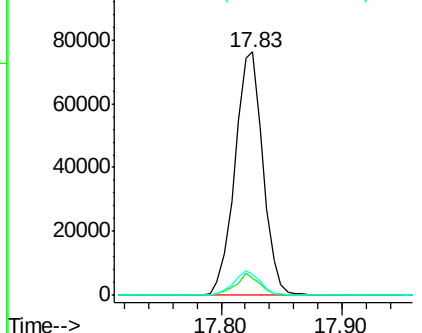
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.83 min Scan# 2372
Delta R.T. -0.02 min
Lab File: BG027679.D
Acq: 26 Jun 2017 17:51

Instrument :
BNA_G
ClientSampleId :
PB100146TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	8.4	7.5	11.3

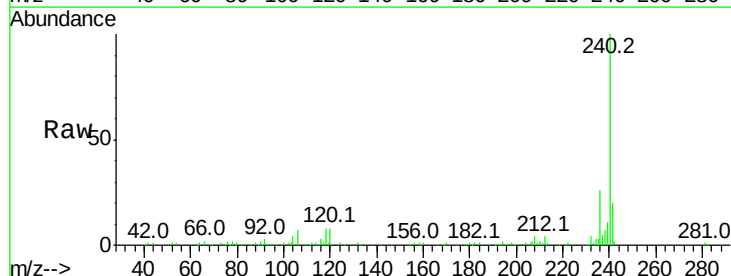


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

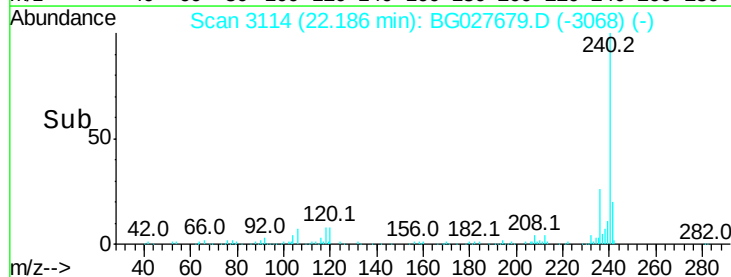
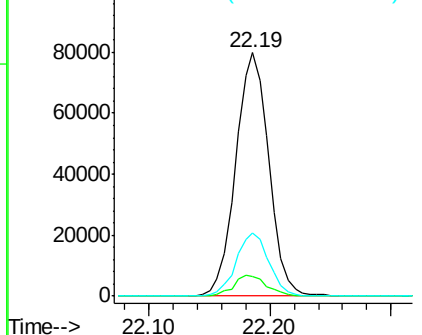


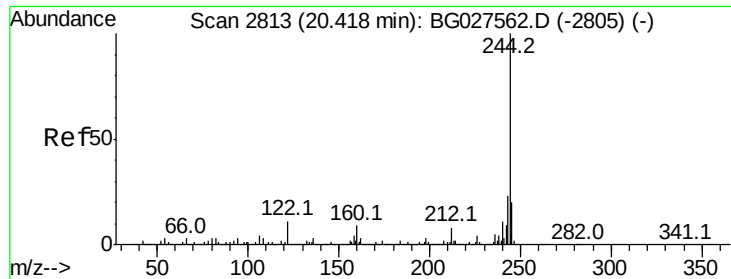
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.19 min Scan# 3114
Delta R.T. -0.03 min
Lab File: BG027679.D
Acq: 26 Jun 2017 17:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.7	8.5
236	26.2	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

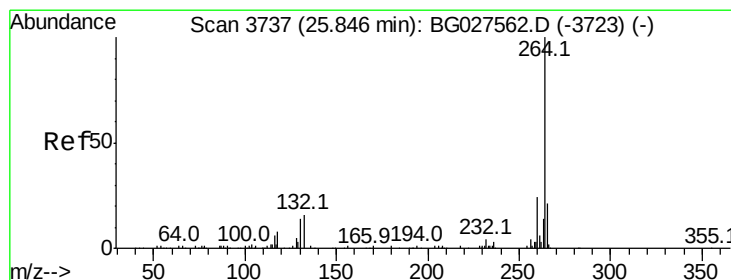
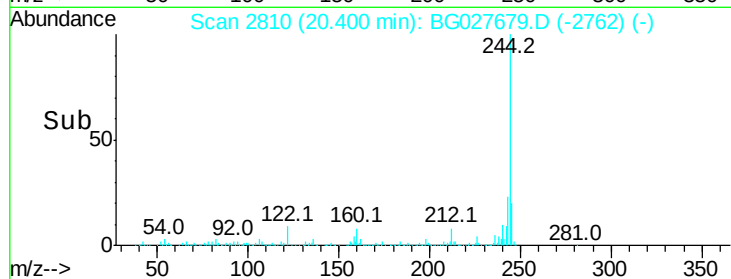
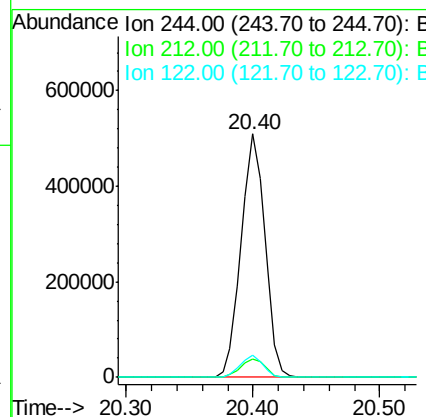
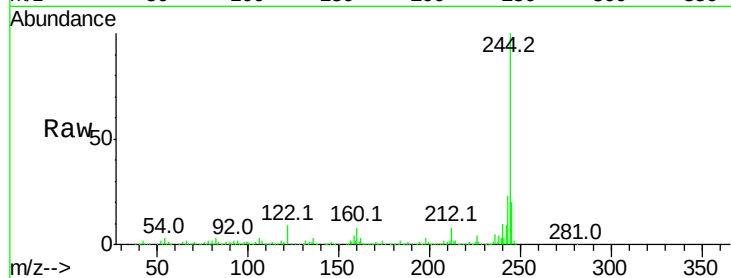




#78
 Terphenyl-d14
 Concen: 102.33 ng
 RT: 20.40 min Scan# 2810
 Delta R.T. -0.02 min
 Lab File: BG027679.D
 Acq: 26 Jun 2017 17:51

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	9.0	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3730
 Delta R.T. -0.04 min
 Lab File: BG027679.D
 Acq: 26 Jun 2017 17:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.2	18.2	27.4

