

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
 Data File : BG027939.D
 Acq On : 15 Jul 2017 00:18
 Operator : SJ/JU
 Sample : PB100537BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100537BL

Quant Time: Jul 15 01:45:33 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 16:10:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	58150	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	238816	20.00	ng	0.00
38) Acenaphthene-d10	14.98	164	167042	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	449893	20.00	ng	0.00
75) Chrysene-d12	22.06	240	539491	20.00	ng	0.00
86) Perylene-d12	25.58	264	509307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.95	112	463883	142.69	ng	0.00
7) Phenol-d6	7.52	99	601625	128.45	ng	0.00
23) Nitrobenzene-d5	9.54	82	356169	83.33	ng	0.00
41) 2,4,6-Tribromophenol	16.47	330	360355	145.57	ng	0.00
44) 2-Fluorobiphenyl	13.60	172	1103128	87.09	ng	0.00
78) Terphenyl-d14	20.31	244	1964975	82.35	ng	0.00

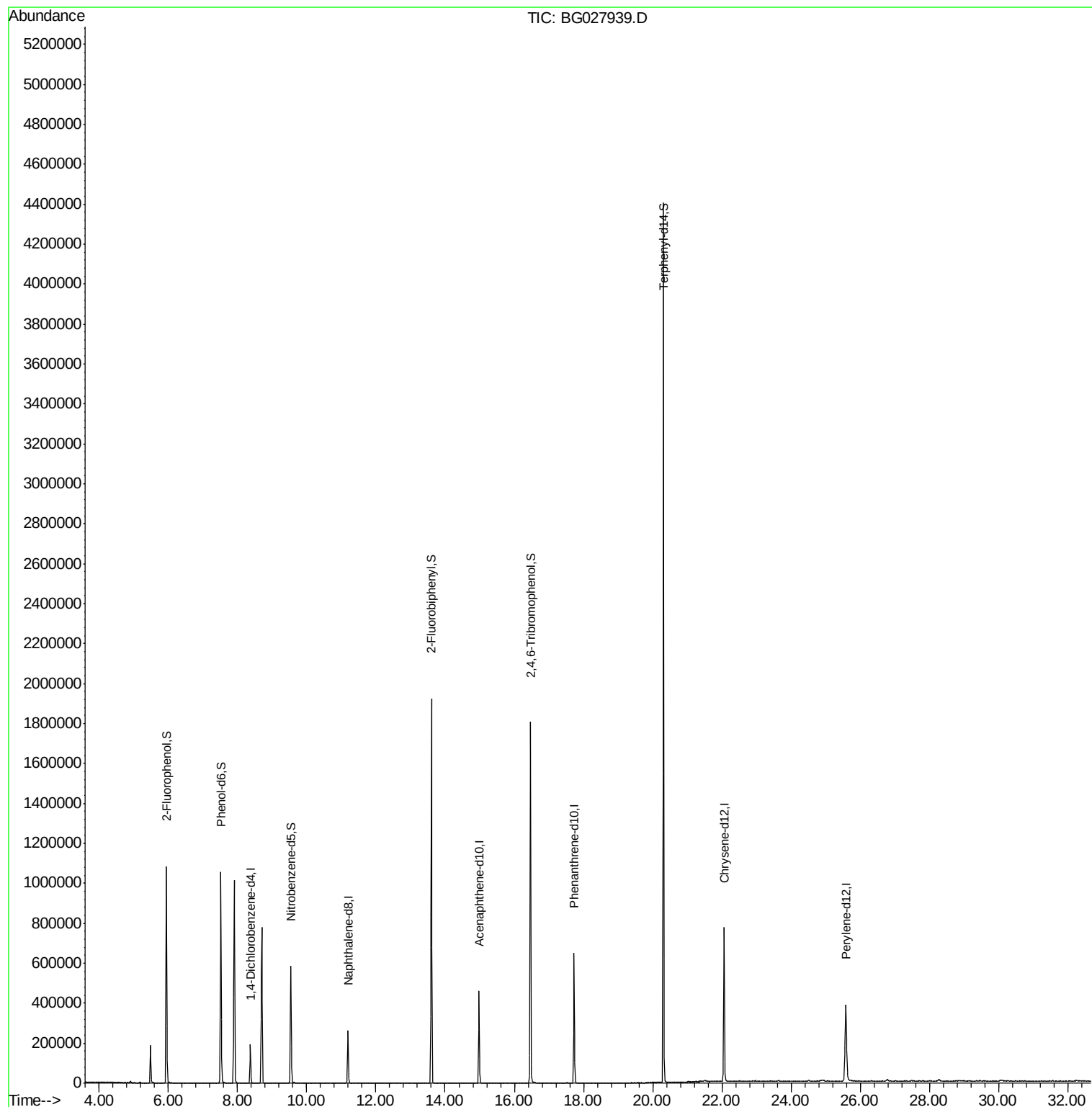
Target Compounds	Qvalue
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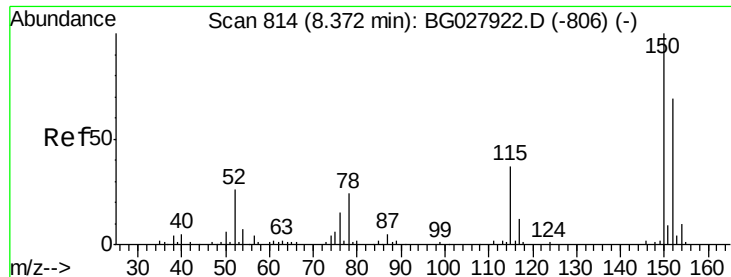
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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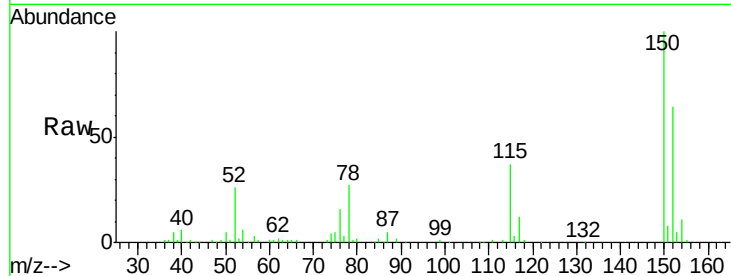


#1

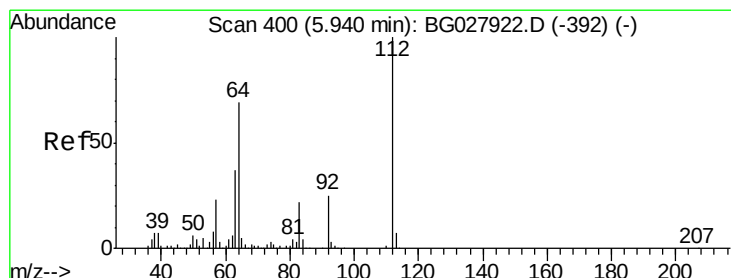
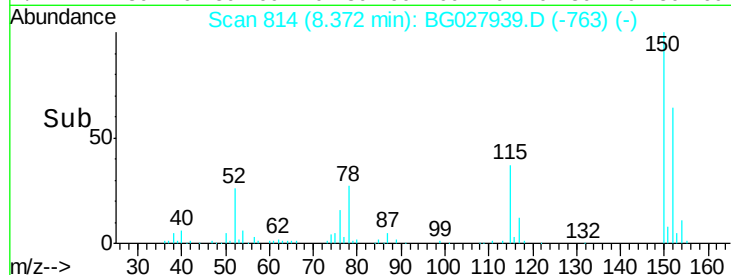
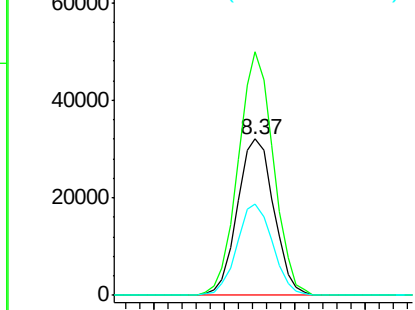
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.37 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG027939.D
Acq: 15 Jul 2017 00:18

Instrument :
BNA_G
ClientSampleId :
PB100537BL

Tgt Ion:152 Resp: 58150
Ion Ratio Lower Upper
152 100
150 155.8 114.0 171.0
115 58.4 48.1 72.1



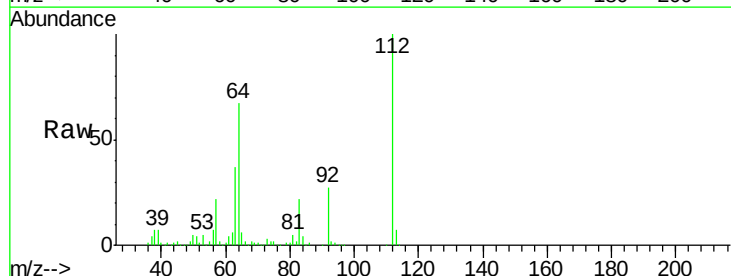
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



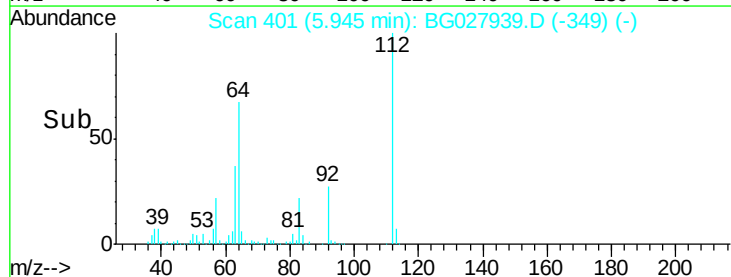
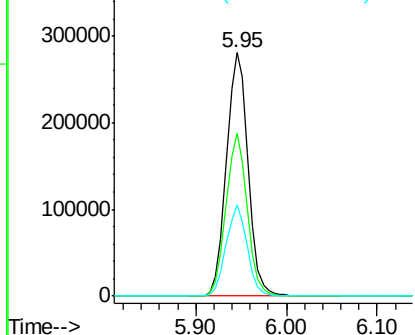
#5

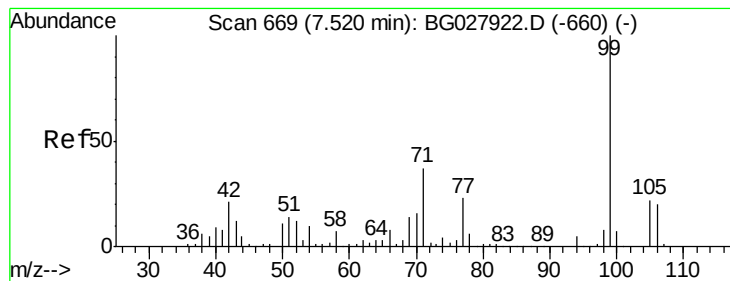
2-Fluorophenol
Concen: 142.690 ng
RT: 5.95 min Scan# 401
Delta R.T. 0.01 min
Lab File: BG027939.D
Acq: 15 Jul 2017 00:18

Tgt Ion:112 Resp: 463883
Ion Ratio Lower Upper
112 100
64 66.9 61.8 92.6
63 37.4 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: 128.448 ng

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG027939.D

Acq: 15 Jul 2017 00:18

Instrument :

BNA_G

ClientSampleId :

PB100537BL

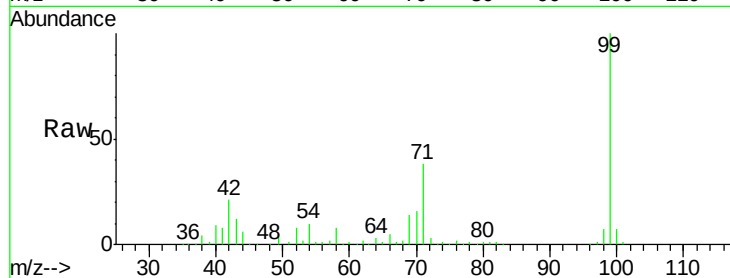
Tgt Ion: 99 Resp: 601625

Ion Ratio Lower Upper

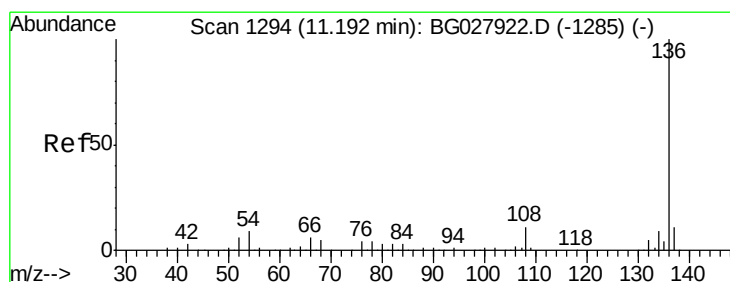
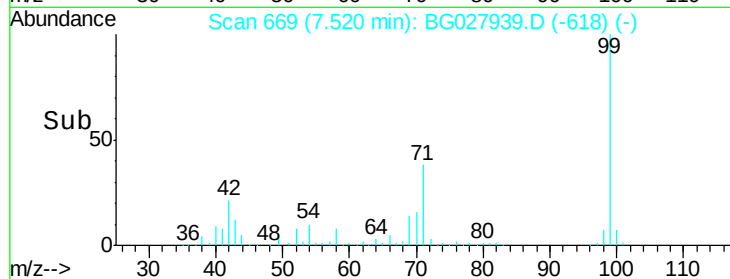
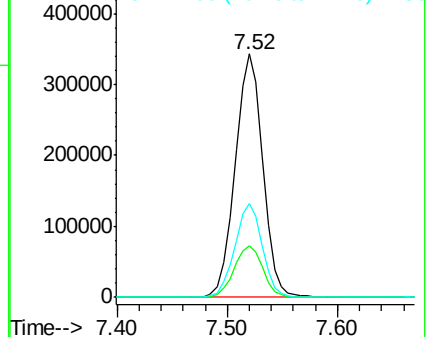
99 100

42 21.4 20.5 30.7

71 38.3 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: 20.000 ng

RT: 11.19 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG027939.D

Acq: 15 Jul 2017 00:18

Tgt Ion: 136 Resp: 238816

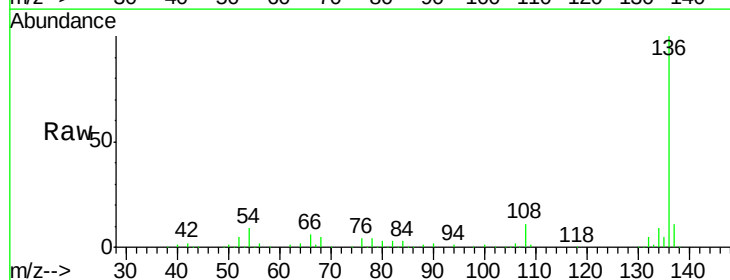
Ion Ratio Lower Upper

136 100

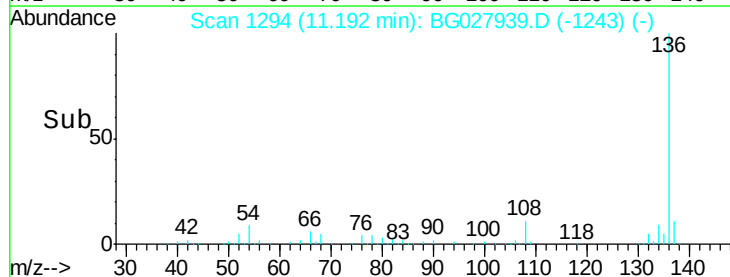
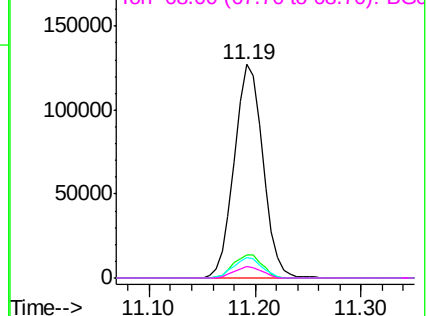
137 10.9 8.9 13.3

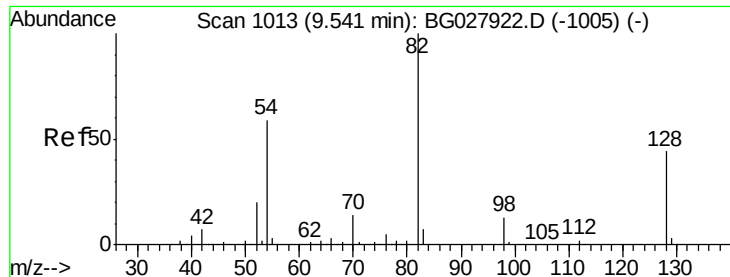
54 9.4 9.3 13.9

68 5.1 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

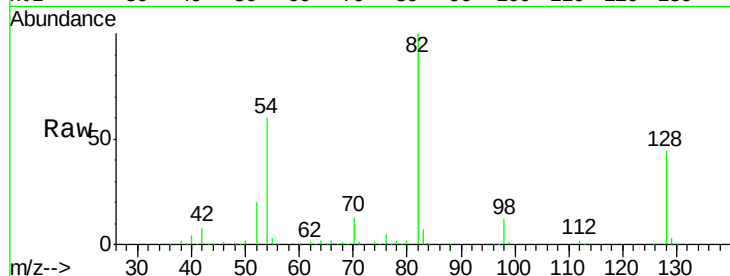




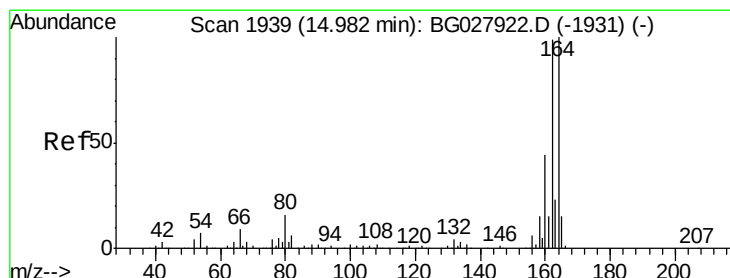
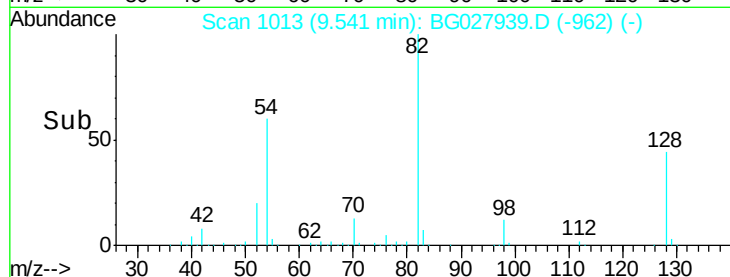
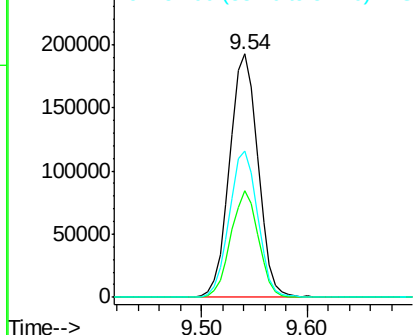
#23
Nitrobenzene-d5
Concen: 83.332 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG027939.D
Acq: 15 Jul 2017 00:18

Instrument :
BNA_G
ClientSampleId :
PB100537BL

Tgt Ion: 82 Resp: 356169
Ion Ratio Lower Upper
82 100
128 43.8 26.4 39.6#
54 60.2 49.4 74.2

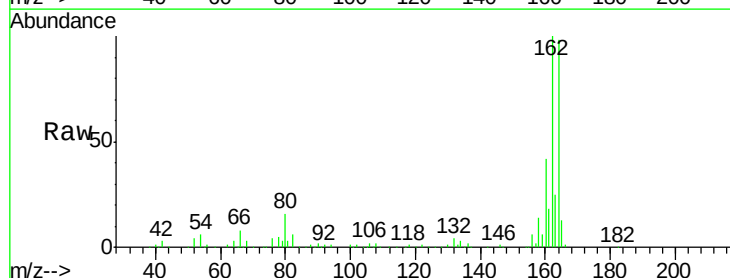


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

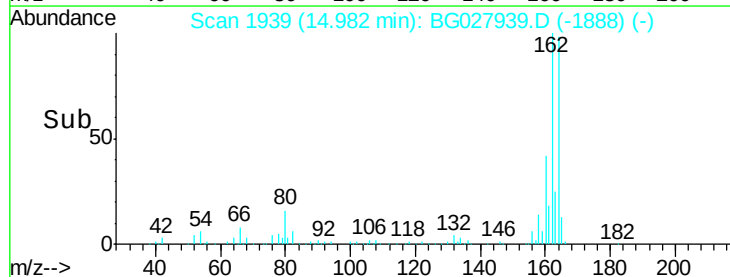
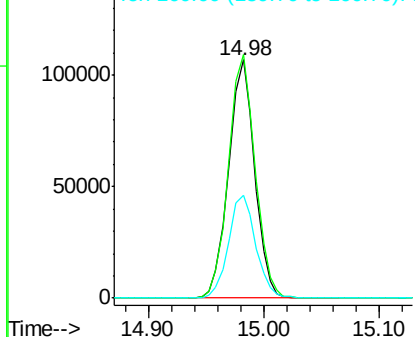


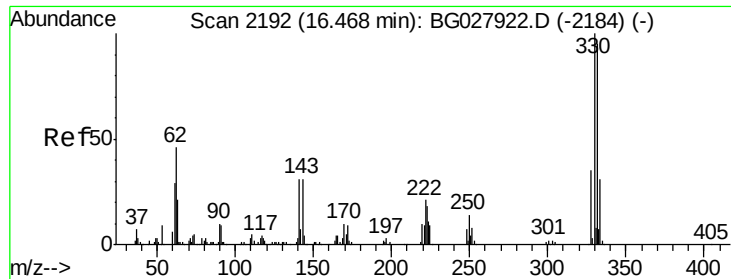
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG027939.D
Acq: 15 Jul 2017 00:18

Tgt Ion: 164 Resp: 167042
Ion Ratio Lower Upper
164 100
162 102.2 85.1 127.7
160 43.1 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

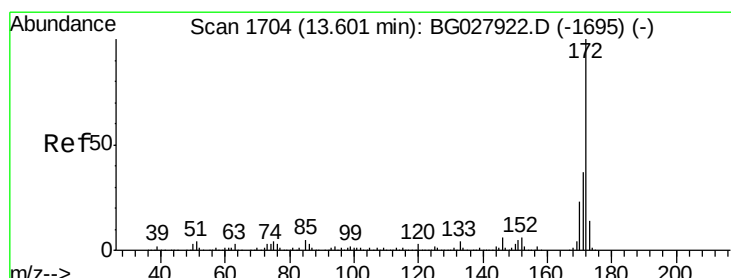
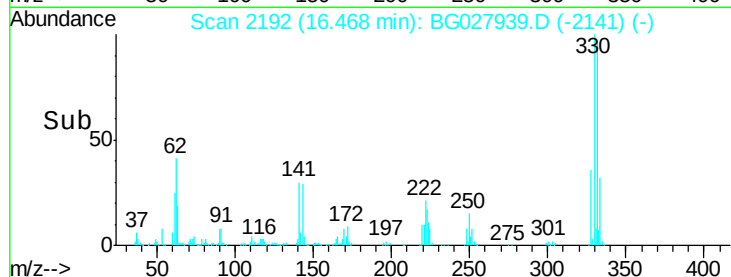
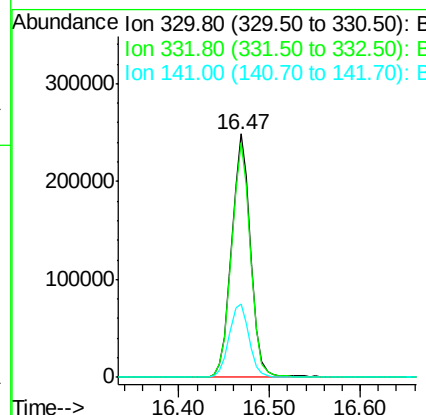
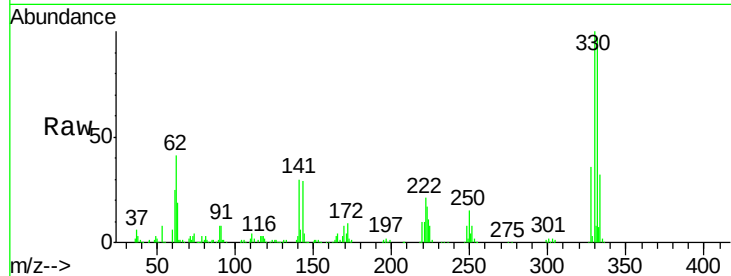




#41
 2,4,6-Tribromophenol
 Concen: 145.567 ng
 RT: 16.47 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG027939.D
 Acq: 15 Jul 2017 00:18

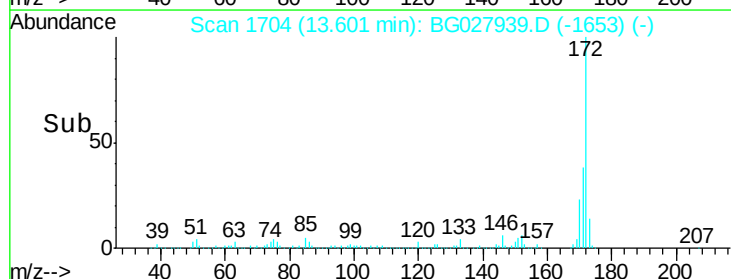
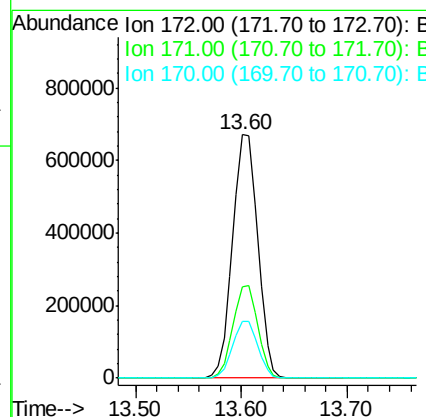
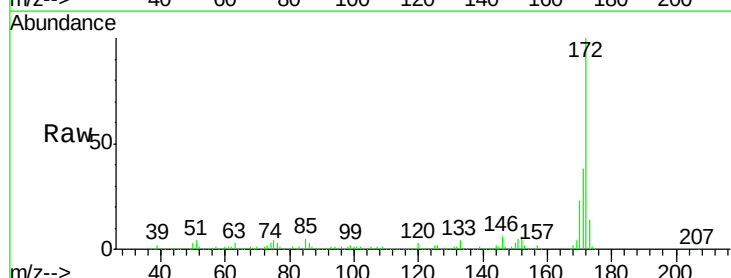
Instrument :
 BNA_G
 ClientSampleId :
 PB100537BL

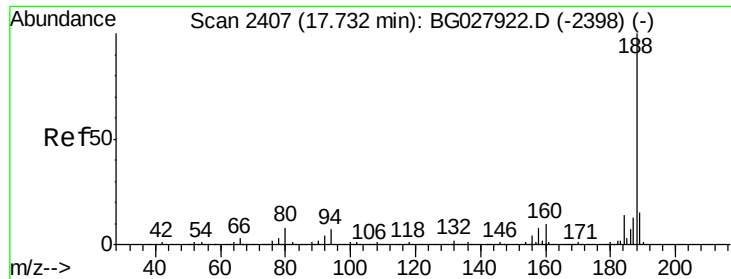
Tgt Ion:330 Resp: 360355
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 31.4 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 87.093 ng
 RT: 13.60 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG027939.D
 Acq: 15 Jul 2017 00:18

Tgt Ion:172 Resp: 1103128
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 23.5 21.8 32.6

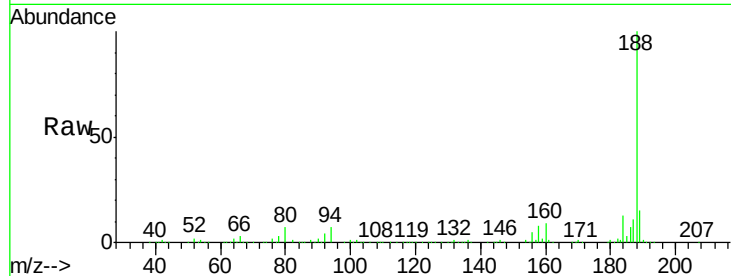




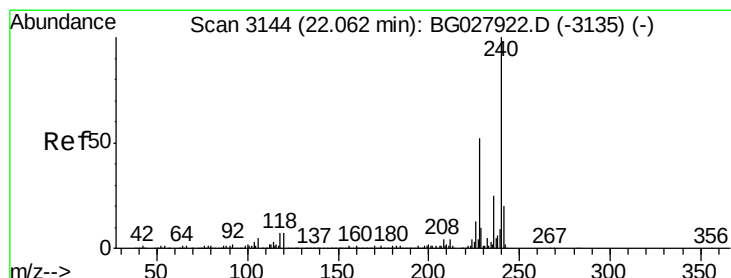
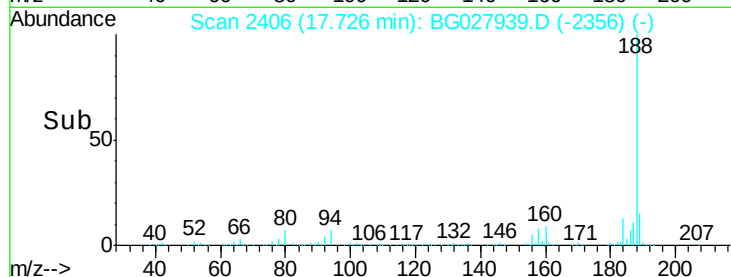
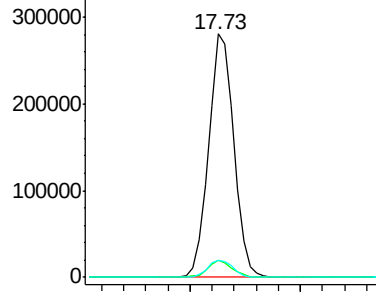
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG027939.D
Acq: 15 Jul 2017 00:18

Instrument :
BNA_G
ClientSampleId :
PB100537BL

Tgt Ion:188 Resp: 449893
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 7.1 7.5 11.3#

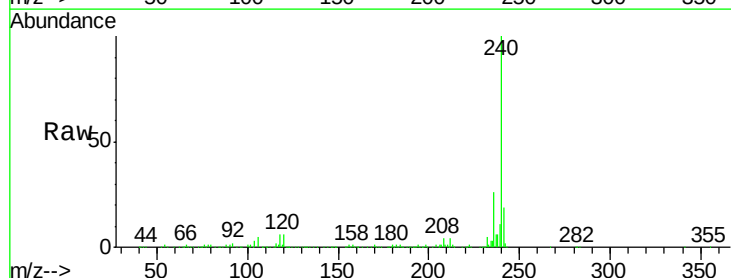


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

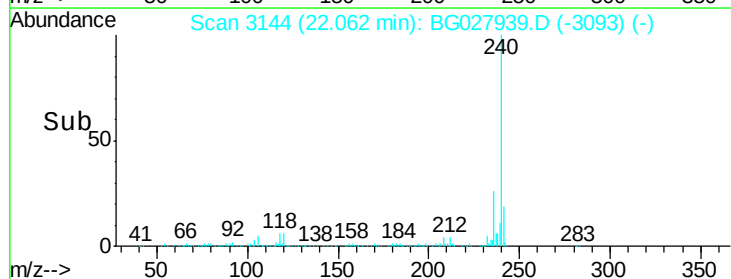
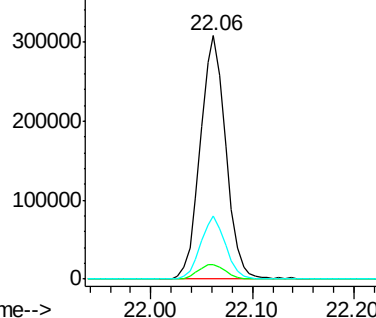


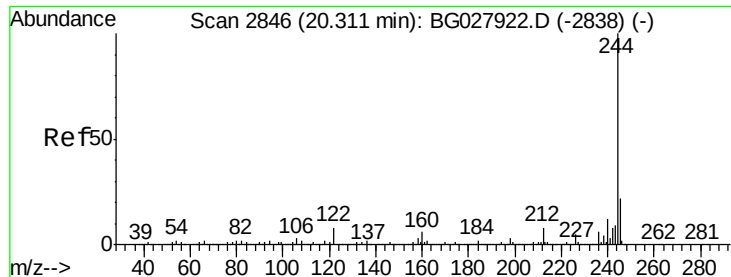
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.06 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG027939.D
Acq: 15 Jul 2017 00:18

Tgt Ion:240 Resp: 539491
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 26.1 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: 82.354 ng

RT: 20.31 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG027939.D

Acq: 15 Jul 2017 00:18

Instrument :

BNA_G

ClientSampleId :

PB100537BL

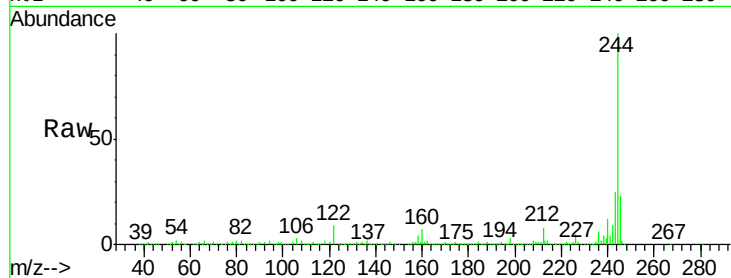
Tgt Ion:244 Resp: 1964975

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

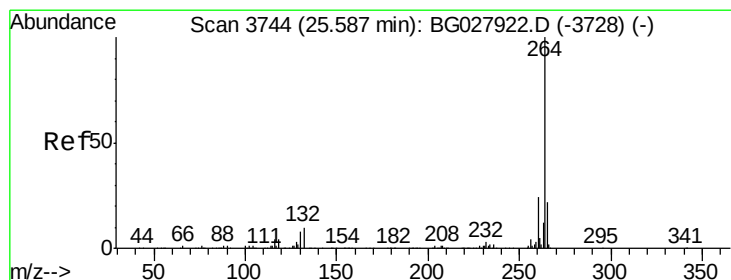
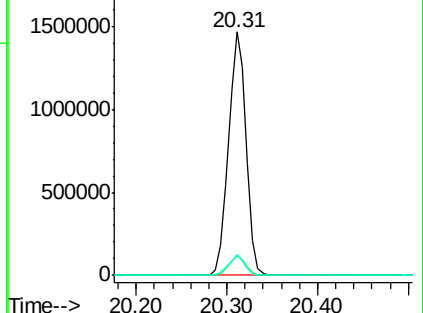
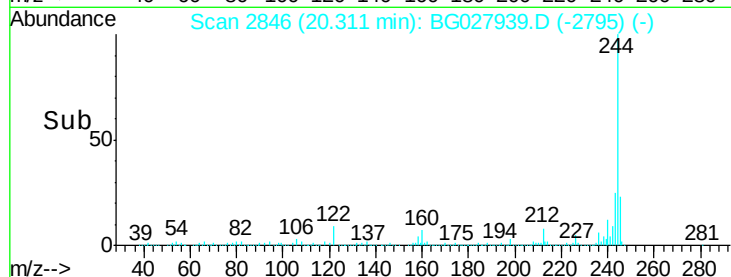
122 8.5 8.6 12.8#



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: 20.000 ng

RT: 25.58 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BG027939.D

Acq: 15 Jul 2017 00:18

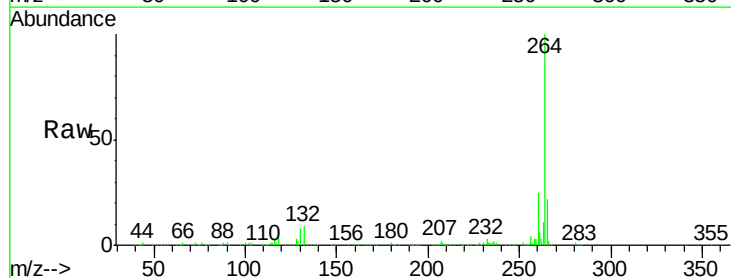
Tgt Ion:264 Resp: 509307

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 21.5 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

