

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025437.D
 Acq On : 9 Jan 2017 19:33
 Operator : UM/SJ
 Sample : PB95829TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95829TB

Quant Time: Jan 10 00:18:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	56578	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	229768	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	178466	20.00	ng	-0.02
63) Phenanthrene-d10	17.58	188	405533	20.00	ng	0.00
75) Chrysene-d12	21.86	240	622241	20.00	ng	-0.02
86) Perylene-d12	25.26	264	661914	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	464440	149.21	ng	-0.02
7) Phenol-d6	7.36	99	633002	144.40	ng	-0.02
23) Nitrobenzene-d5	9.39	82	458158	88.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	367479	127.90	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1038226	94.18	ng	0.00
78) Terphenyl-d14	20.15	244	1988855	84.75	ng	0.00

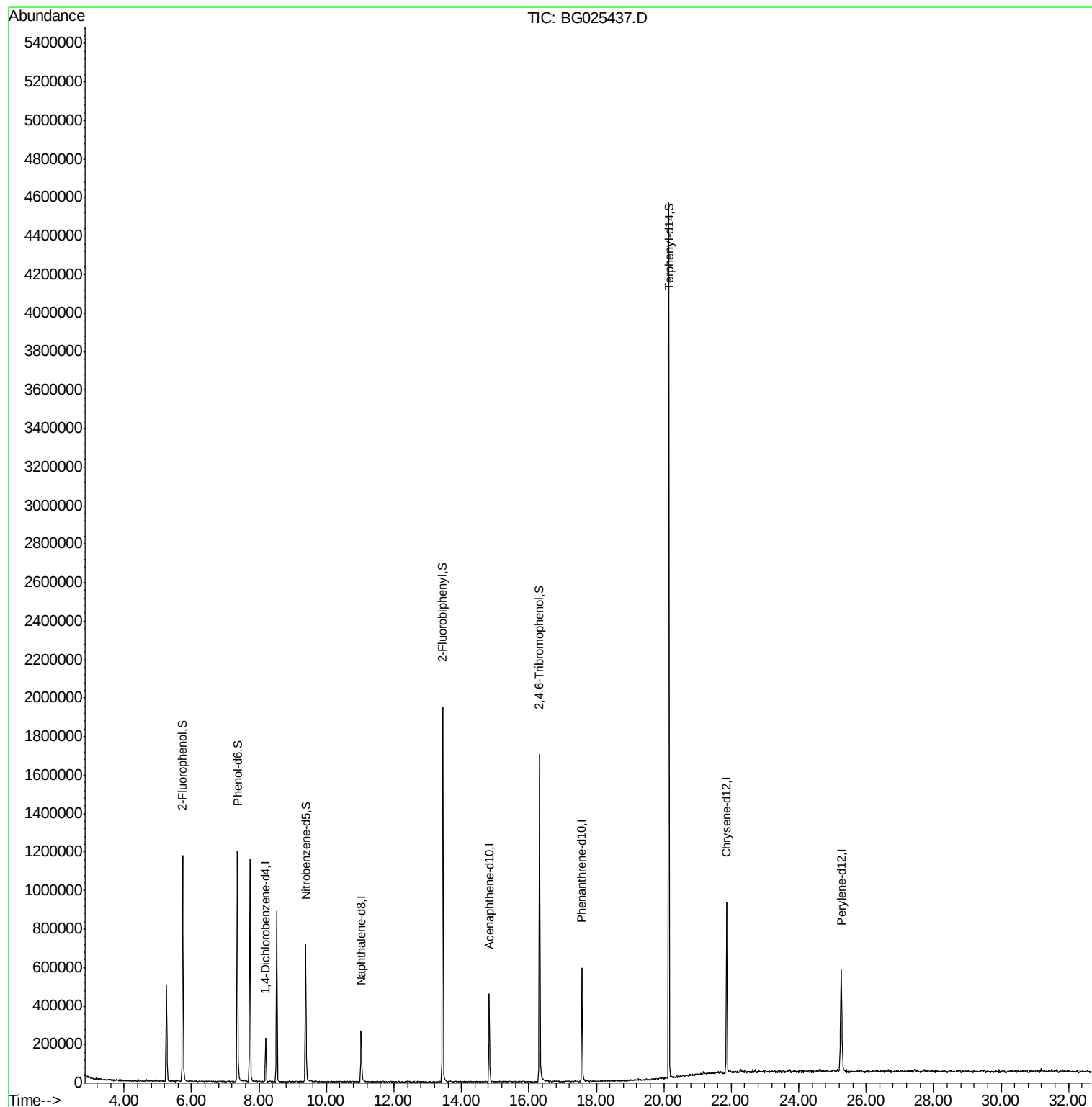
Target Compounds Qvalue

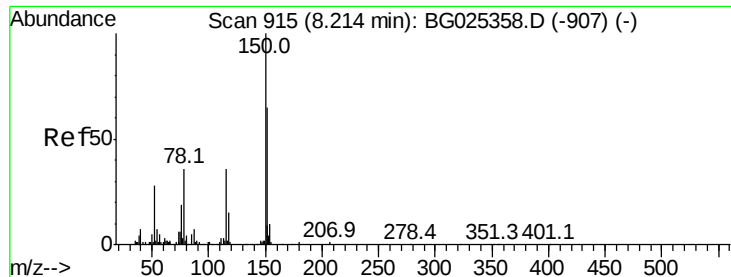
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG025437.D

Acq: 9 Jan 2017 19:33

Instrument :

BNA_G

ClientSampleId :

PB95829TB

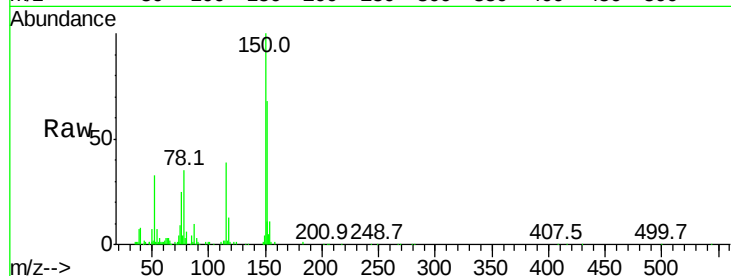
Tot Ion:152 Resp: 56578

Ion Ratio Lower Upper

152 100

150 147.1 114.0 171.0

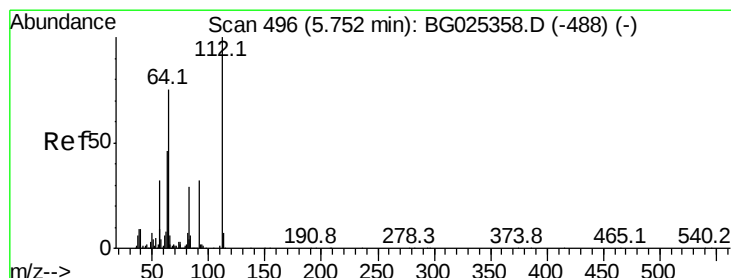
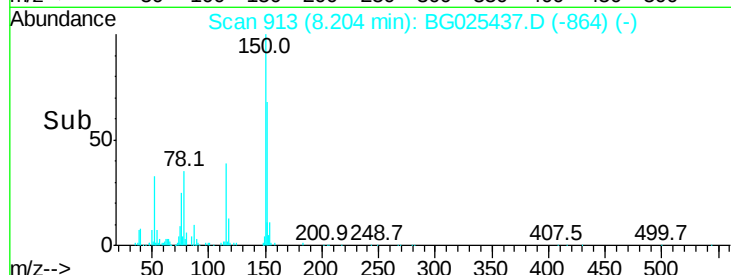
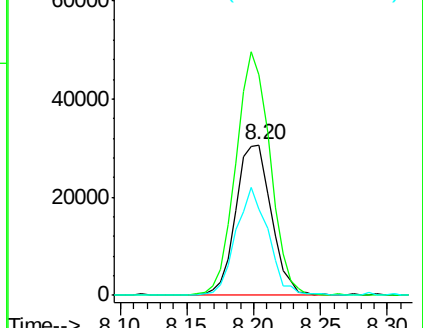
115 57.6 48.1 72.1



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: 149.21 ng

RT: 5.74 min Scan# 493

Delta R.T. -0.02 min

Lab File: BG025437.D

Acq: 9 Jan 2017 19:33

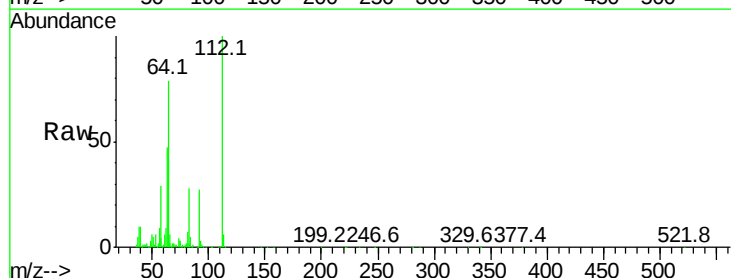
Tgt Ion:112 Resp: 464440

Ion Ratio Lower Upper

112 100

64 79.4 61.8 92.6

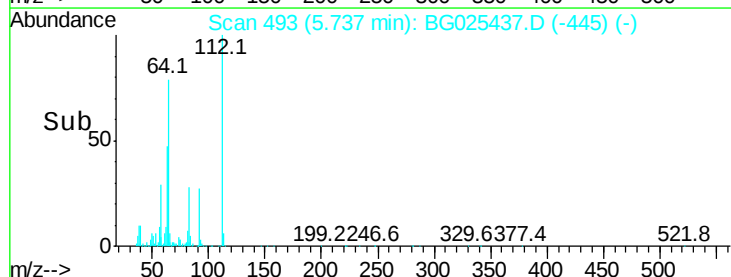
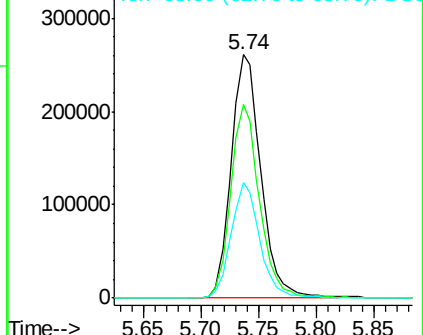
63 47.4 37.2 55.8

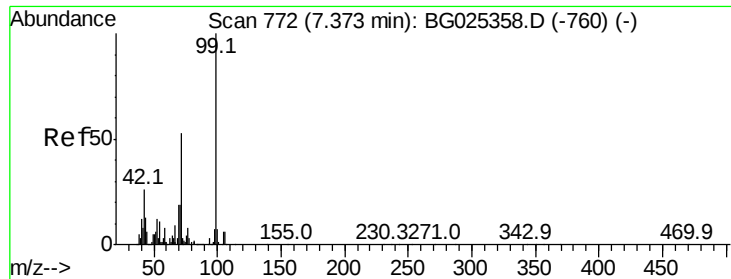


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.40 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG025437.D

Acq: 9 Jan 2017 19:33

Instrument :

BNA_G

ClientSampleId :

PB95829TB

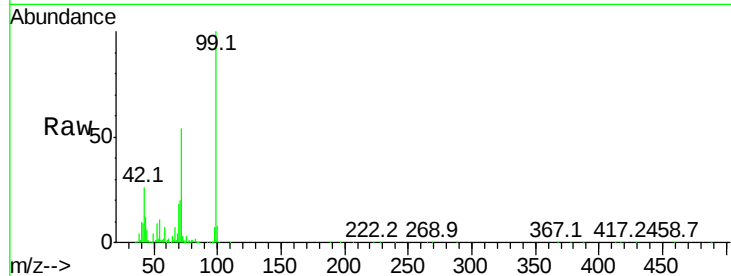
Tot Ion: 99 Resp: 633002

Ion Ratio Lower Upper

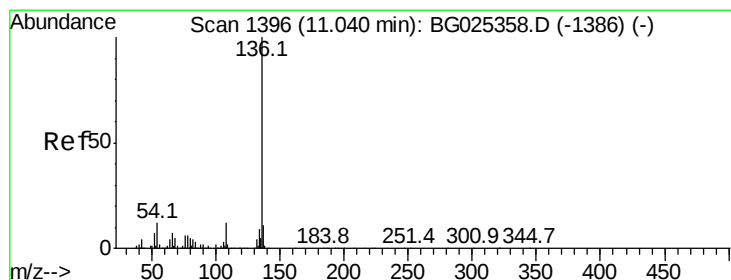
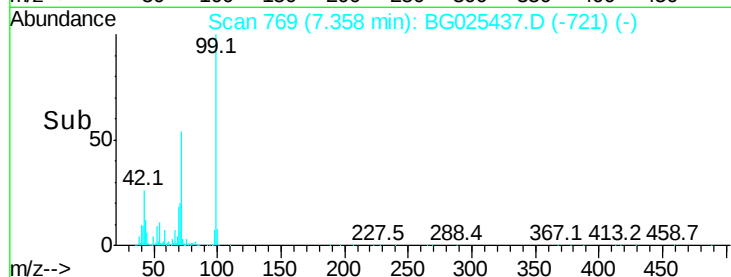
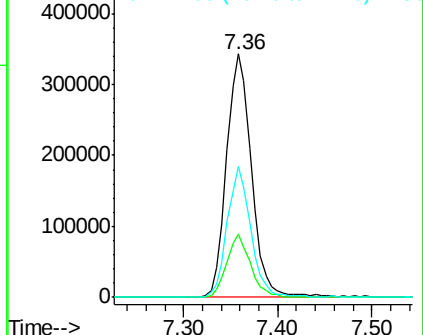
99 100

42 26.0 20.5 30.7

71 53.8 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: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG025437.D

Acq: 9 Jan 2017 19:33

Tgt Ion: 136 Resp: 229768

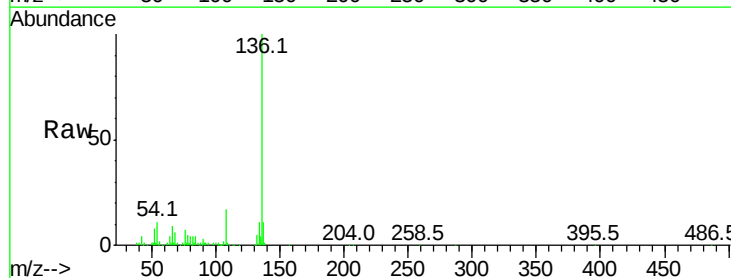
Ion Ratio Lower Upper

136 100

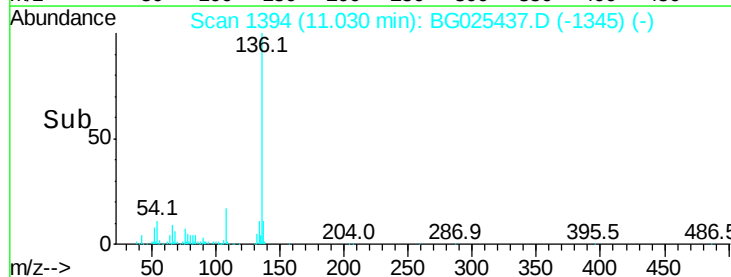
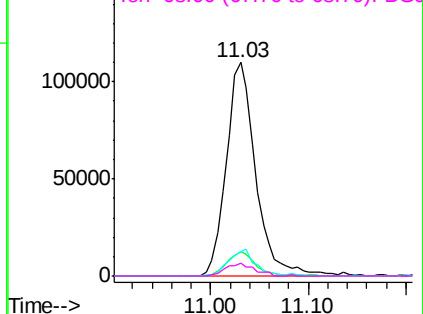
137 11.2 8.9 13.3

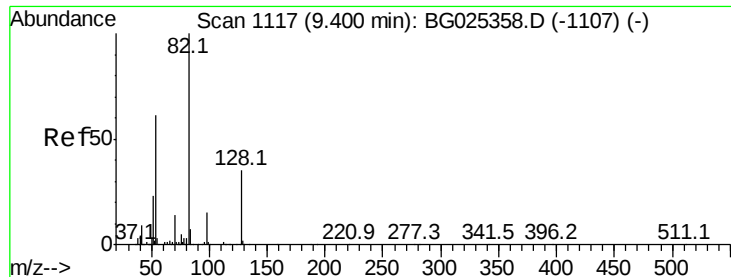
54 11.3 9.3 13.9

68 6.2 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

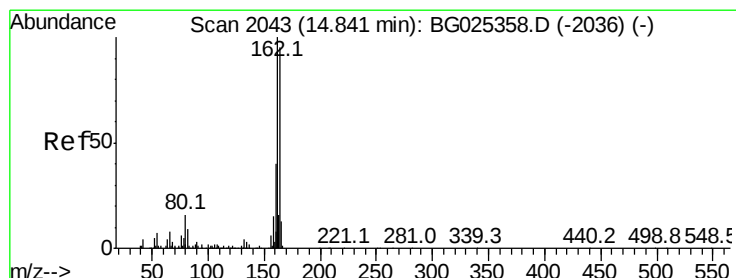
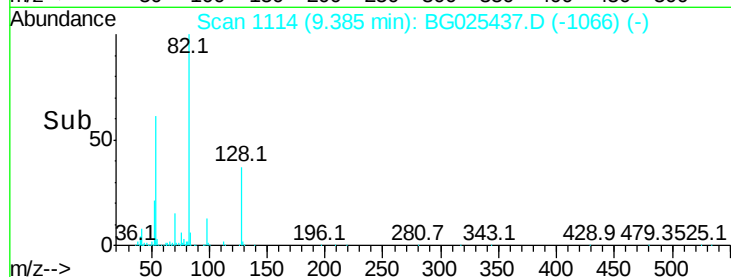
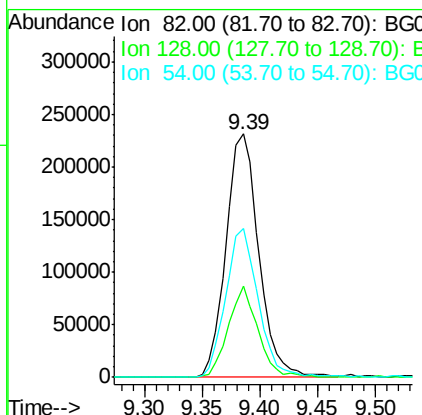
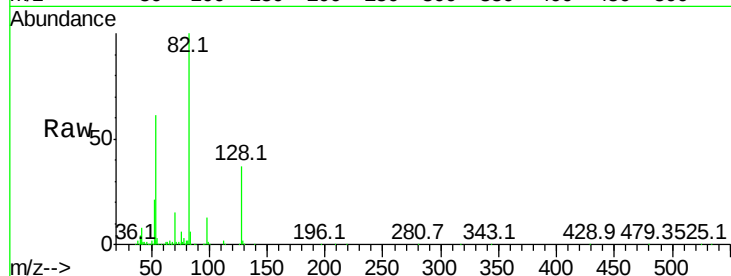




#23
 Nitrobenzene-d5
 Concen: 88.09 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. -0.02 min
 Lab File: BG025437.D
 Acq: 9 Jan 2017 19:33

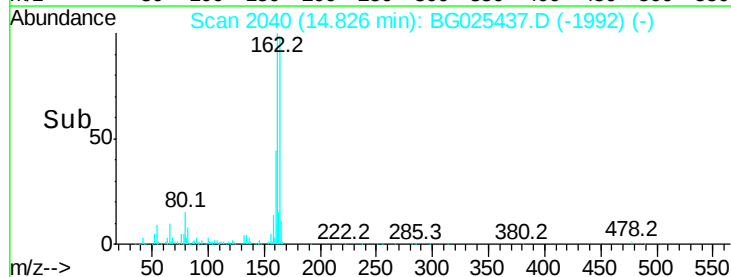
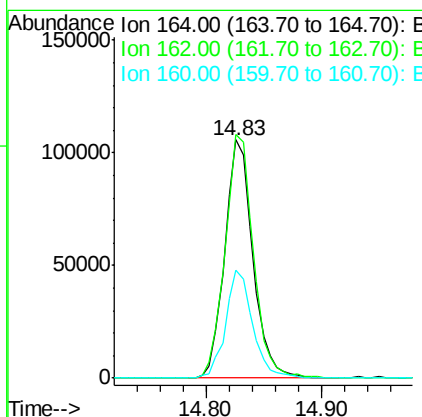
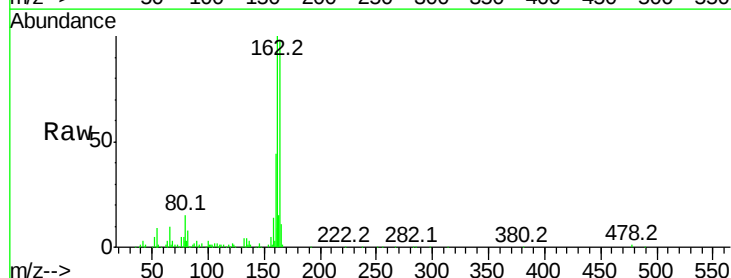
Instrument :
 BNA_G
 ClientSampleId :
 PB95829TB

Tot Ion	82	Resp	458158
Ion Ratio	100	Lower	Upper
128	37.3	26.4	39.6
54	61.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: BG025437.D
 Acq: 9 Jan 2017 19:33

Tgt Ion	164	Resp	178466
Ion Ratio	100	Lower	Upper
162	102.3	85.1	127.7
160	45.5	34.7	52.1

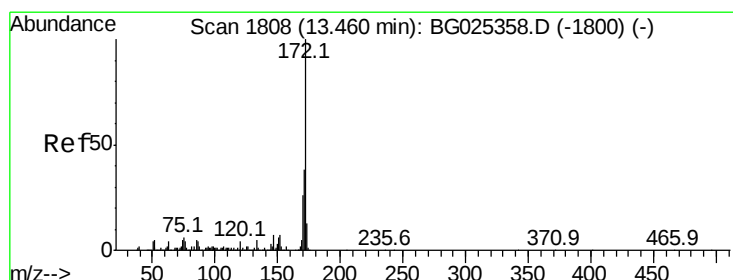
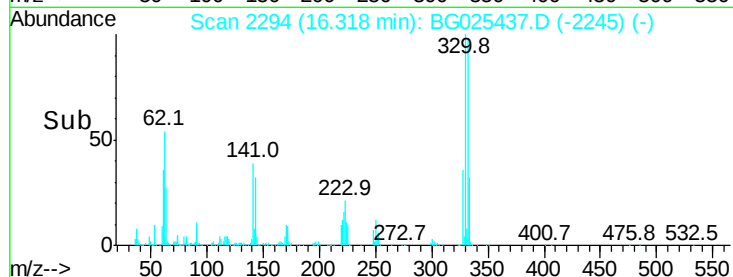
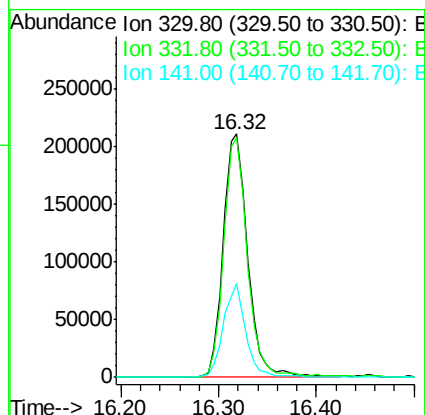
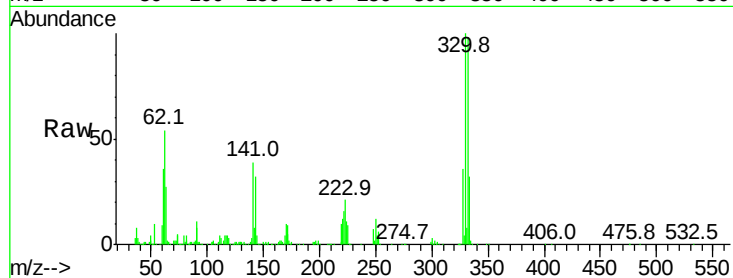




#41
2,4,6-Tribromophenol
Concen: 127.90 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG025437.D
Acq: 9 Jan 2017 19:33

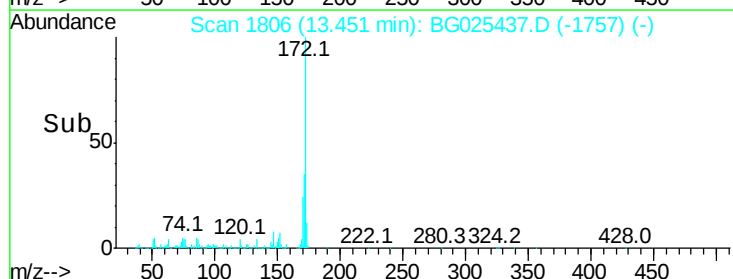
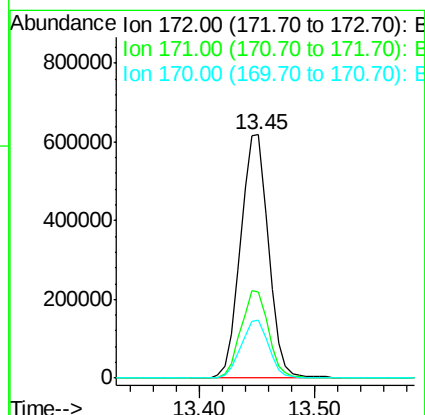
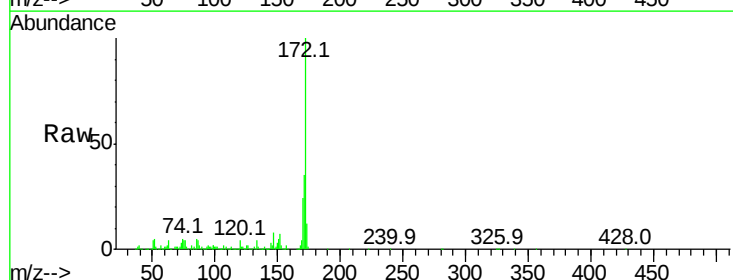
Instrument :
BNA_G
ClientSampled :
PB95829TB

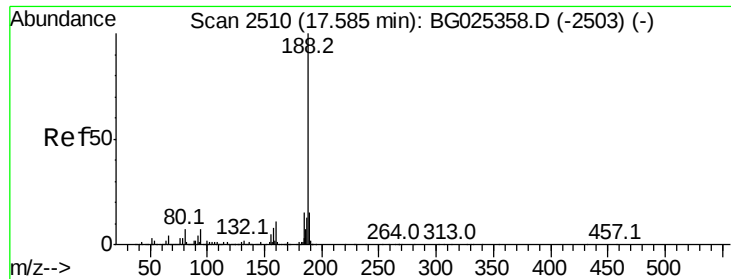
Tot Ion:330 Resp: 367479
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 35.2 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 94.18 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG025437.D
Acq: 9 Jan 2017 19:33

Tgt Ion:172 Resp: 1038226
Ion Ratio Lower Upper
172 100
171 35.5 32.2 48.2
170 23.6 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025437.D

Acq: 9 Jan 2017 19:33

Instrument :

BNA_G

ClientSampleId :

PB95829TB

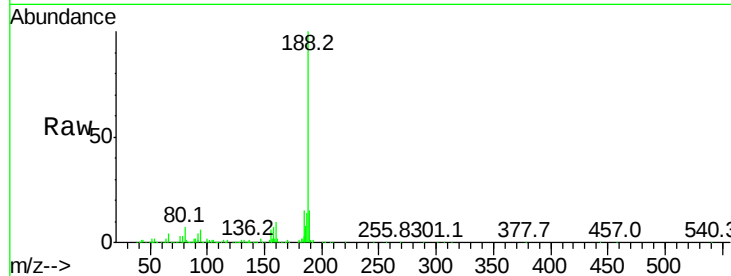
Tot Ion:188 Resp: 405533

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

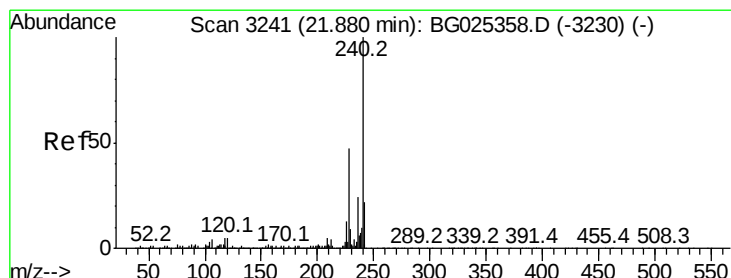
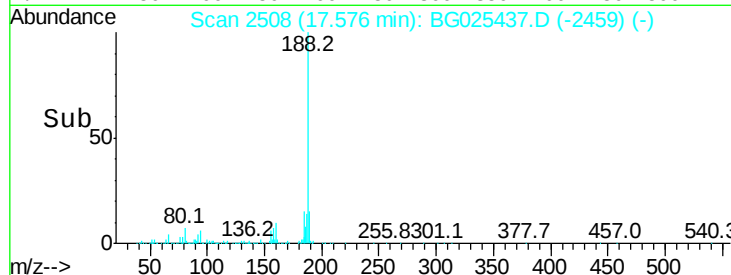
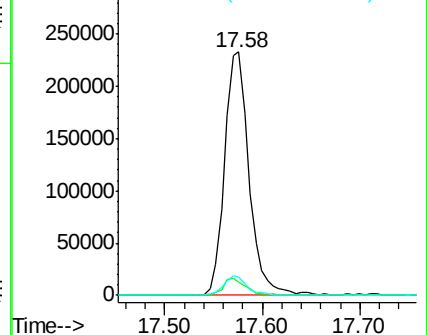
80 7.5 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG025437.D

Acq: 9 Jan 2017 19:33

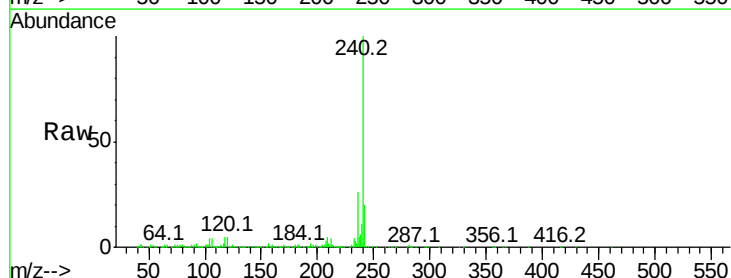
Tgt Ion:240 Resp: 622241

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

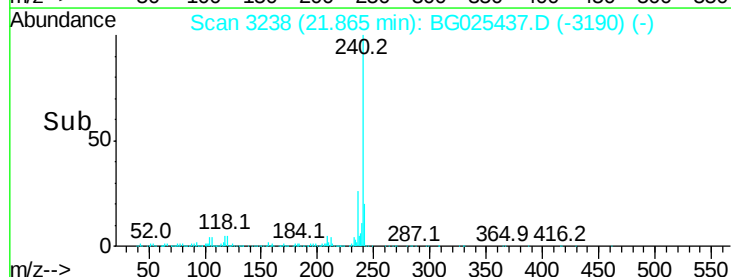
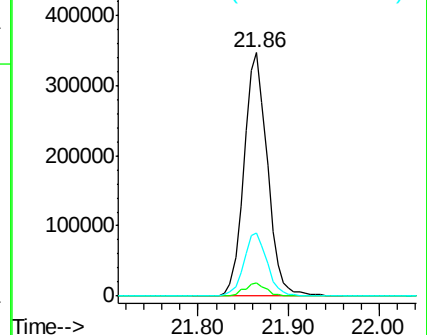
236 25.9 22.2 33.4

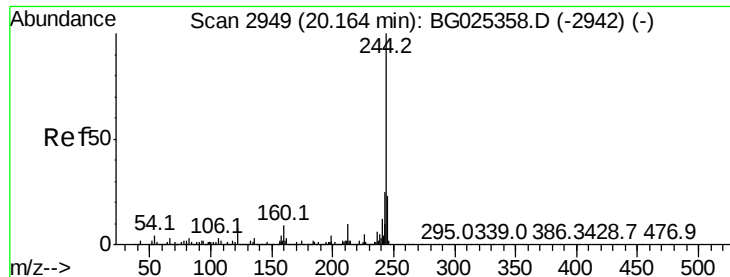


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.75 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025437.D

Acq: 9 Jan 2017 19:33

Instrument :

BNA_G

ClientSampleId :

PB95829TB

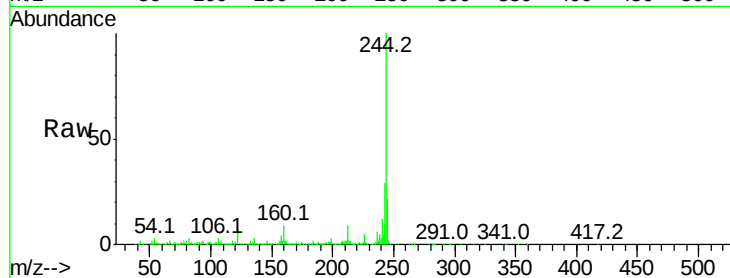
Tot Ion:244 Resp: 1988855

Ion Ratio Lower Upper

244 100

212 9.4 10.0 15.0#

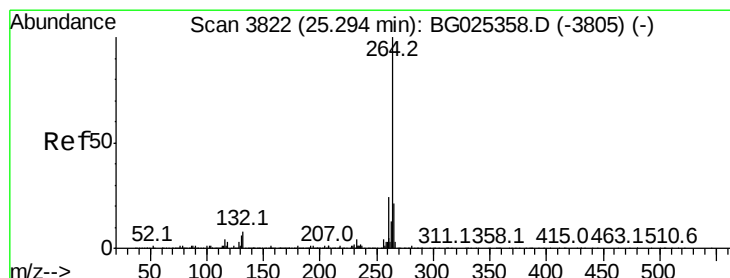
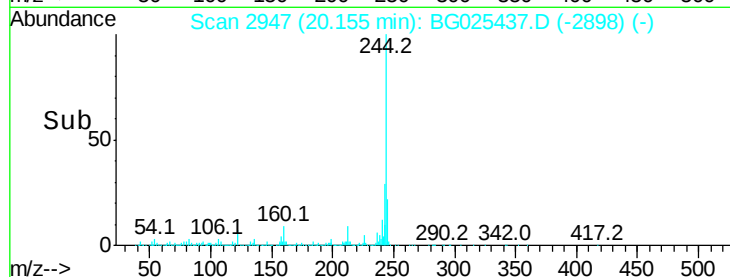
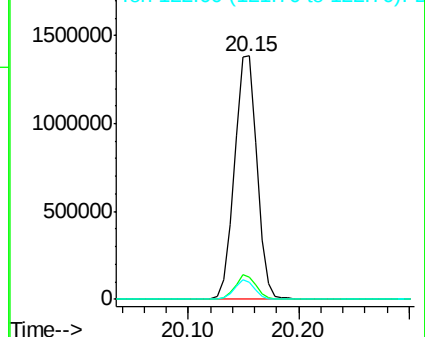
122 7.1 8.6 12.8#



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: 25.26 min Scan# 3816

Delta R.T. -0.03 min

Lab File: BG025437.D

Acq: 9 Jan 2017 19:33

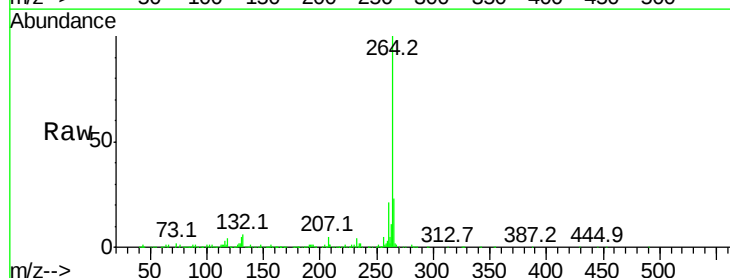
Tgt Ion:264 Resp: 661914

Ion Ratio Lower Upper

264 100

260 21.1 21.8 32.8#

265 22.8 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

