

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025452.D
 Acq On : 10 Jan 2017 11:13
 Operator : UM/SJ
 Sample : I1064-11RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5-6-COMP11

Quant Time: Jan 10 13:16:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57540	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	229437	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	75561	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	356770	20.00	ng	0.00
75) Chrysene-d12	21.87	240	159378	20.00	ng	0.00
86) Perylene-d12	25.28	264	1370	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	453019	143.11	ng	0.00
7) Phenol-d6	7.36	99	328296	73.64	ng	0.00
23) Nitrobenzene-d5	9.38	82	530674	102.18	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	418851	344.31	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1104916	236.74	ng	0.00
78) Terphenyl-d14	20.15	244	1795124	298.64	ng	0.00

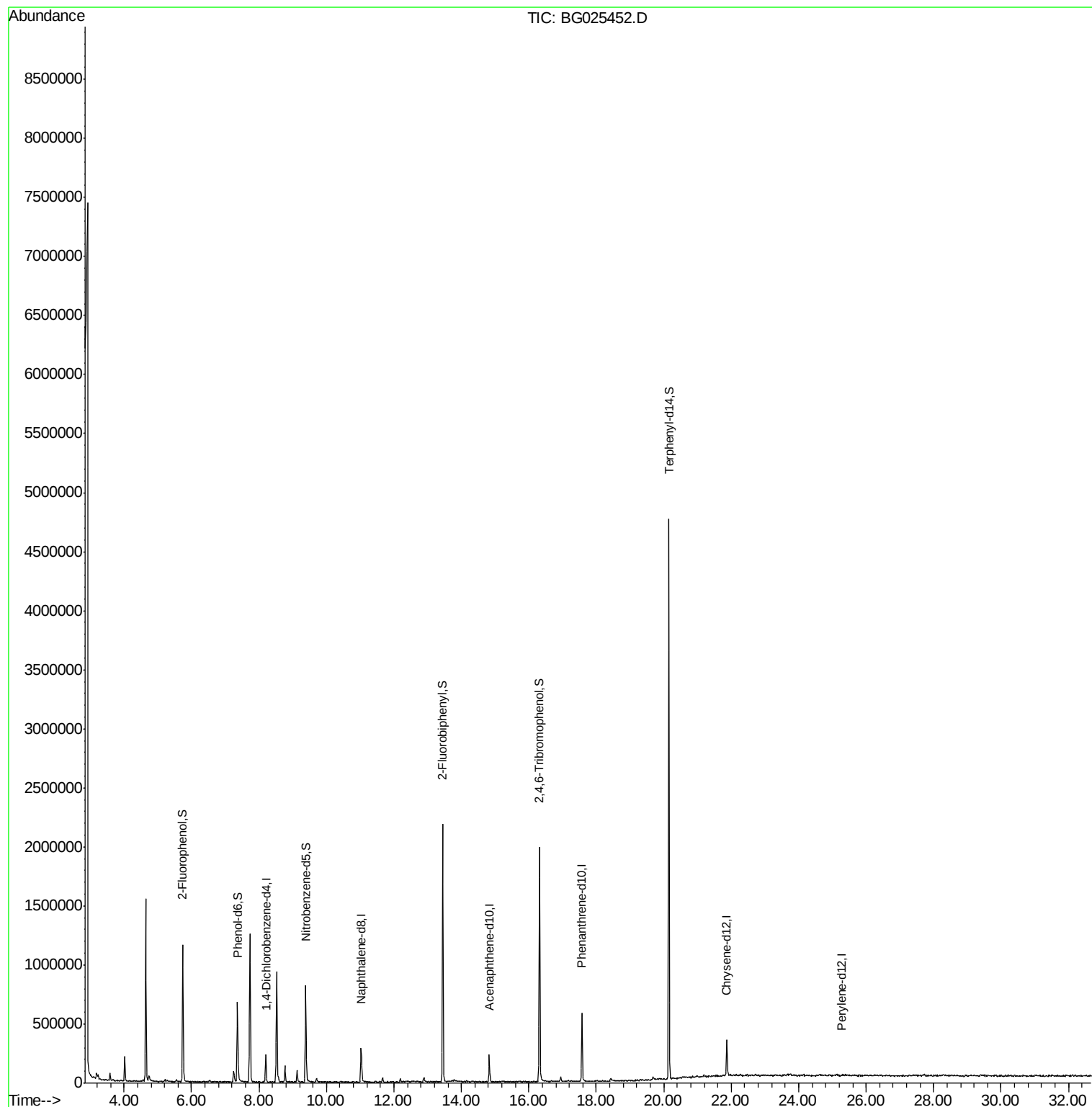
Target Compounds Qvalue

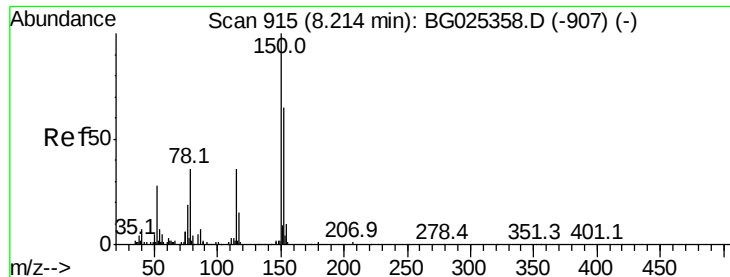
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

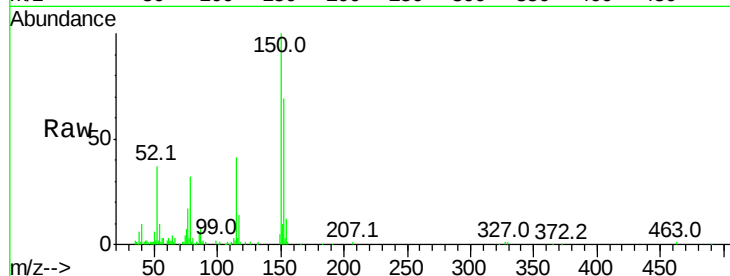
Tot Ion:152 Resp: 57540

Ion Ratio Lower Upper

152 100

150 144.4 114.0 171.0

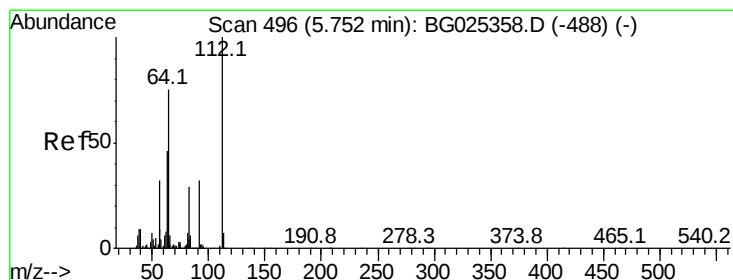
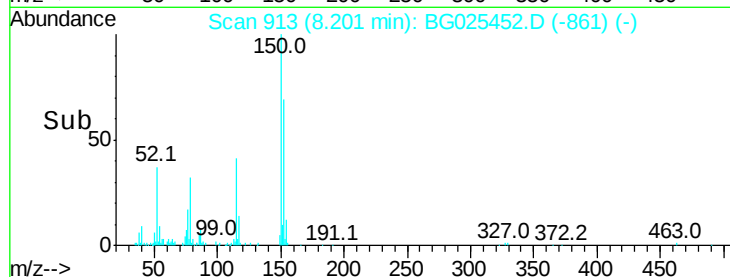
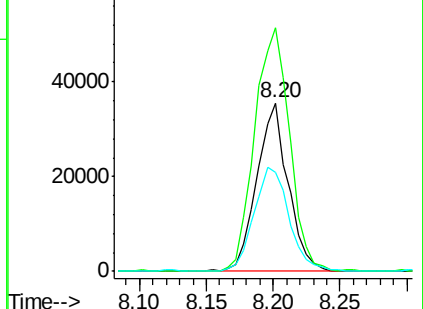
115 58.8 48.1 72.1



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: 143.11 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

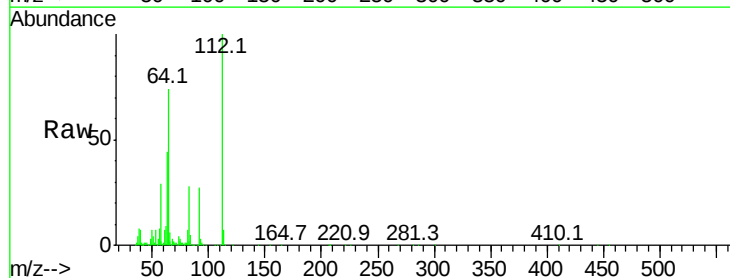
Tgt Ion:112 Resp: 453019

Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

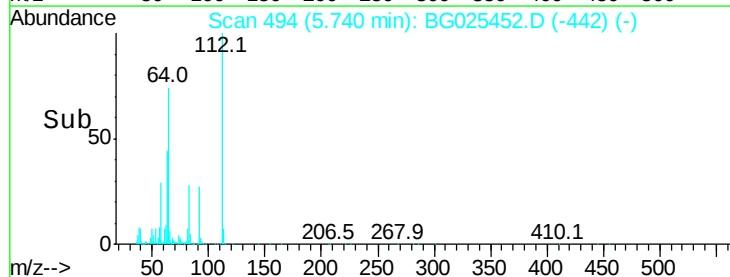
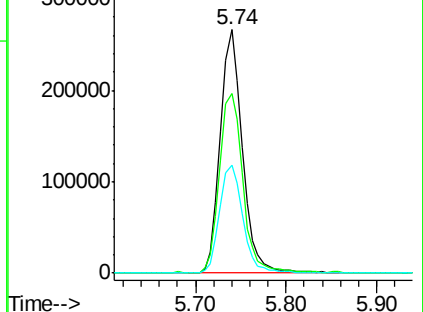
63 44.4 37.2 55.8

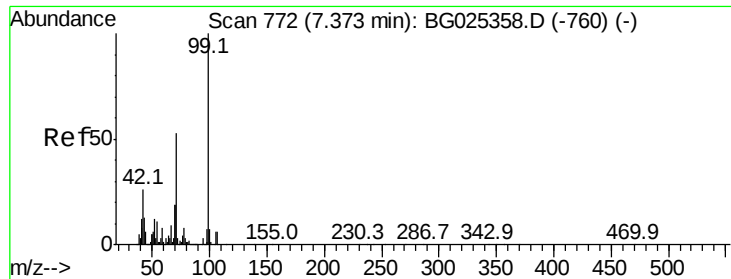


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 73.64 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

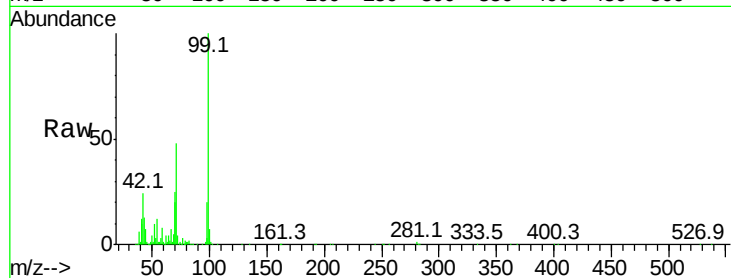
Tot Ion: 99 Resp: 328296

Ion Ratio Lower Upper

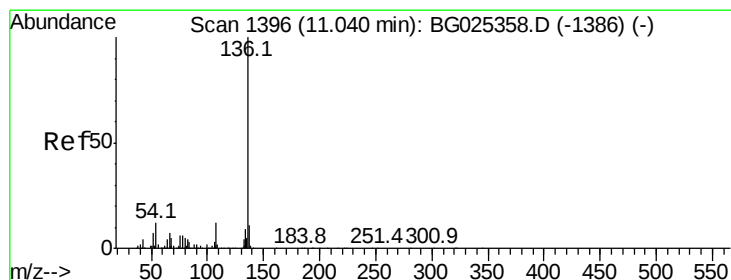
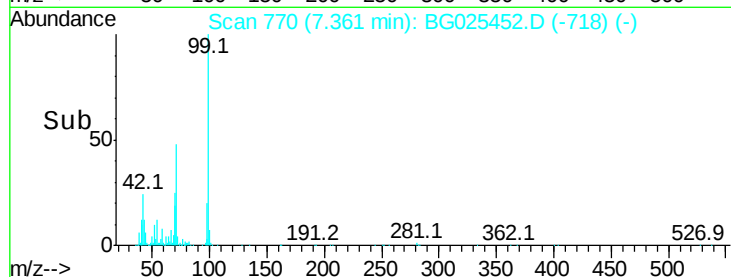
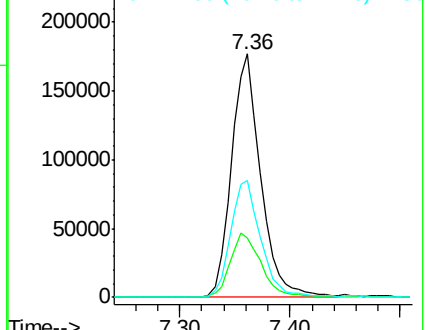
99 100

42 24.2 20.5 30.7

71 48.1 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. -0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Tgt Ion: 136 Resp: 229437

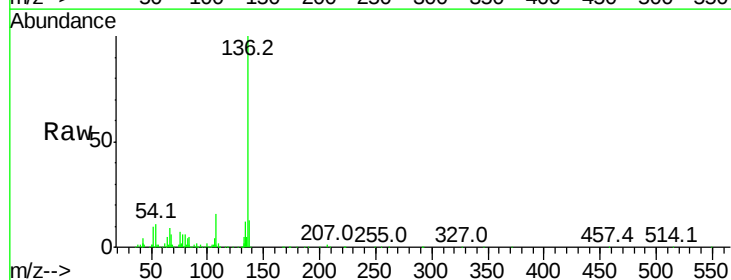
Ion Ratio Lower Upper

136 100

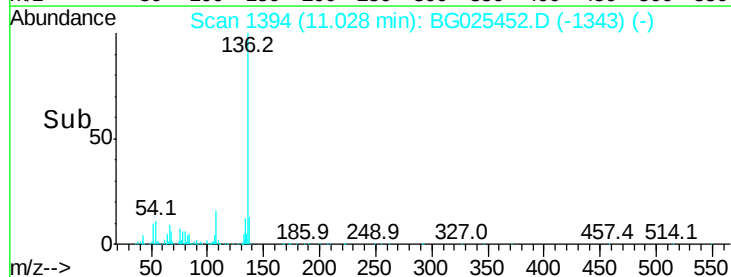
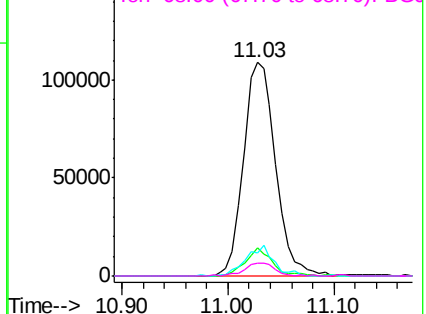
137 12.9 8.9 13.3

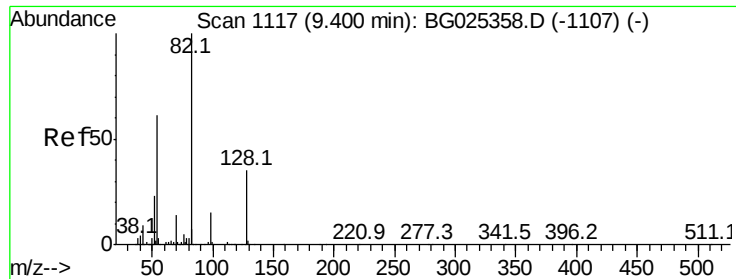
54 10.6 9.3 13.9

68 6.0 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

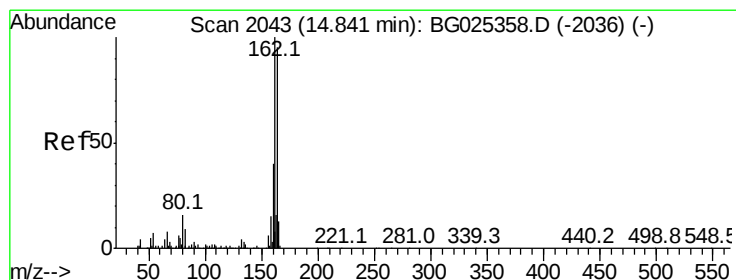
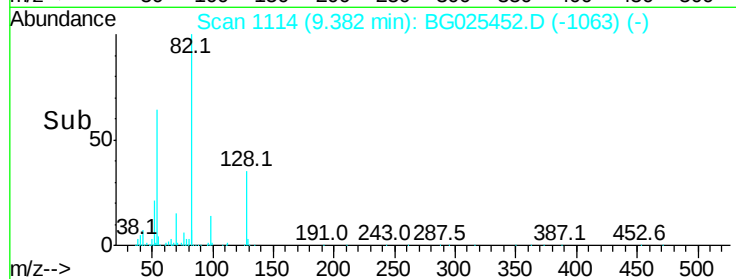
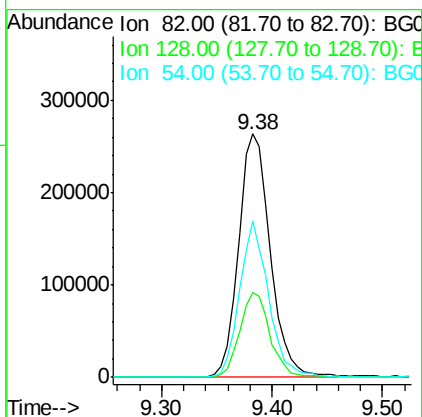
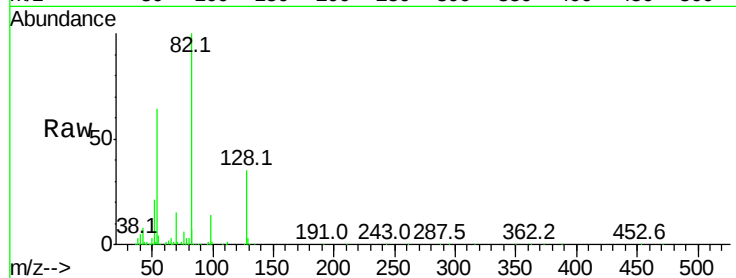




#23
 Nitrobenzene-d5
 Concen: 102.18 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG025452.D
 Acq: 10 Jan 2017 11:13

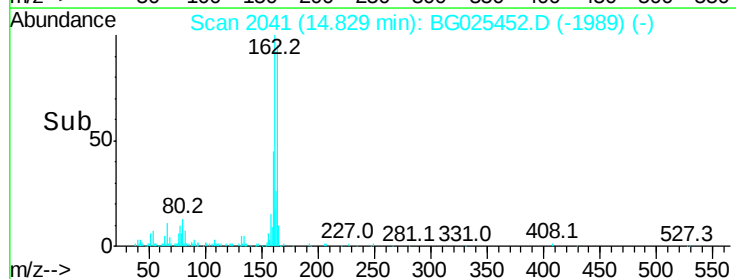
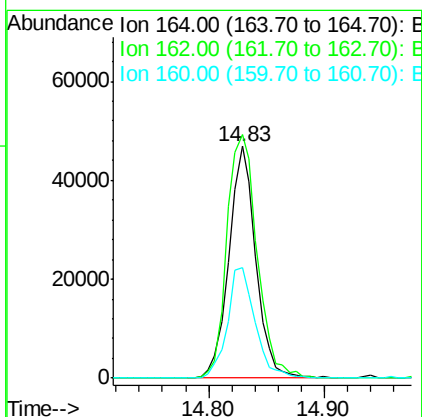
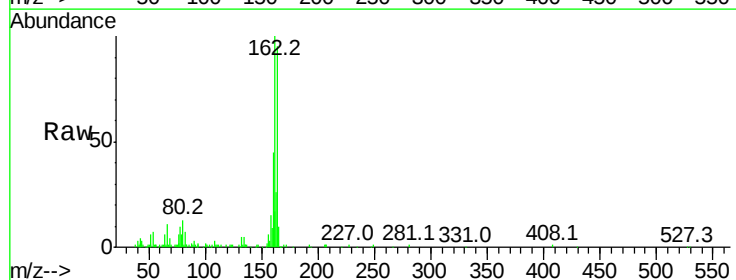
Instrument :
 BNA_G
 ClientSampleId :
 TP5-6-COMP11

Tot Ion	82	Resp	530674
Ion Ratio	100	Lower	Upper
128	34.9	26.4	39.6
54	64.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BG025452.D
 Acq: 10 Jan 2017 11:13

Tgt Ion	164	Resp	75561
Ion Ratio	100	Lower	Upper
162	105.2	85.1	127.7
160	47.5	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 344.31 ng

RT: 16.32 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

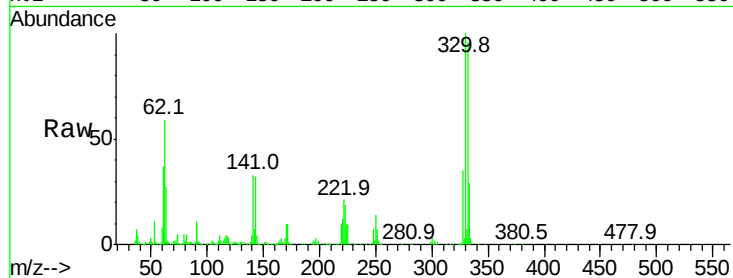
Tot Ion:330 Resp: 418851

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

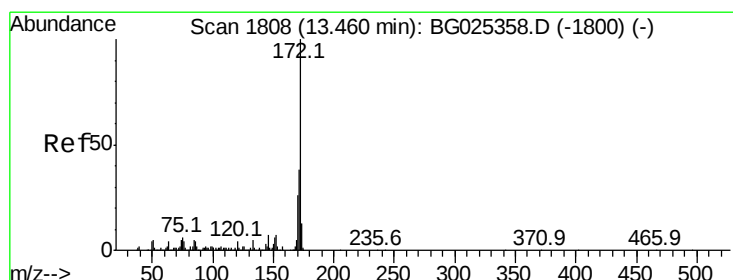
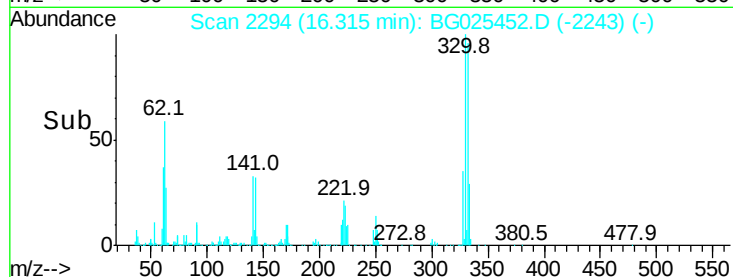
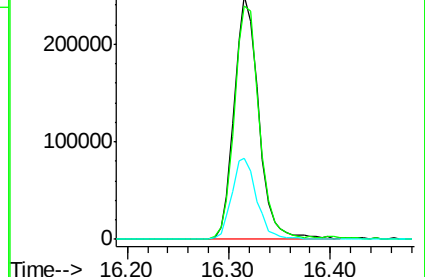
141 33.9 32.1 48.1



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: 236.74 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

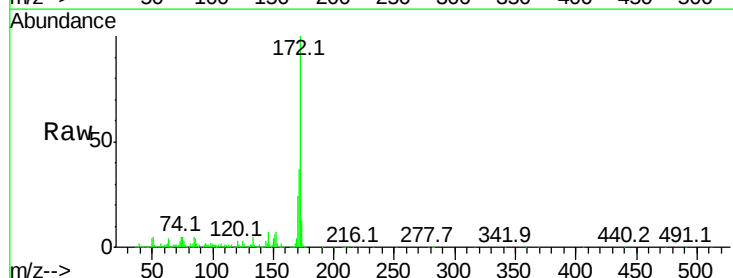
Tgt Ion:172 Resp: 1104916

Ion Ratio Lower Upper

172 100

171 36.8 32.2 48.2

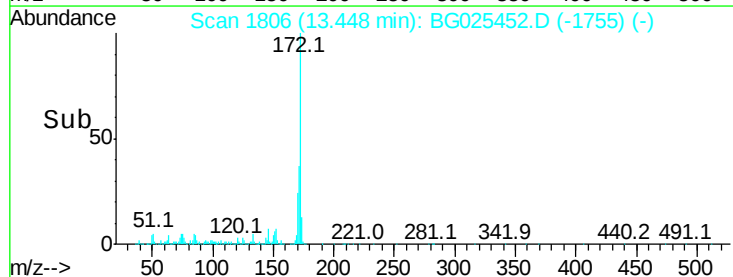
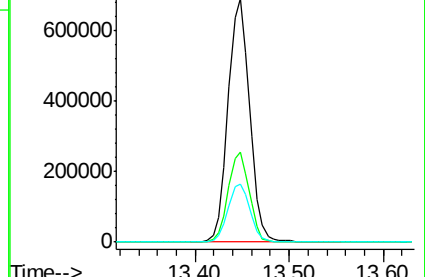
170 24.1 21.8 32.6

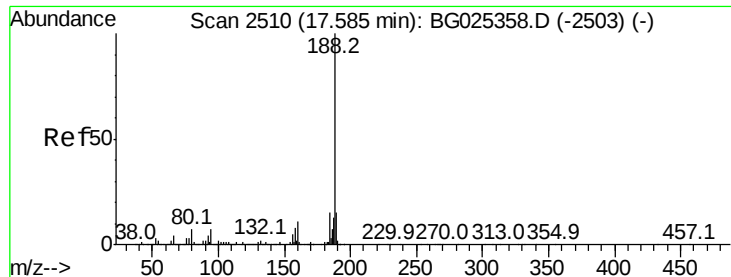


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

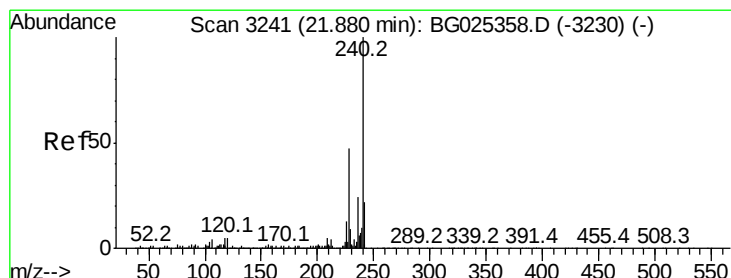
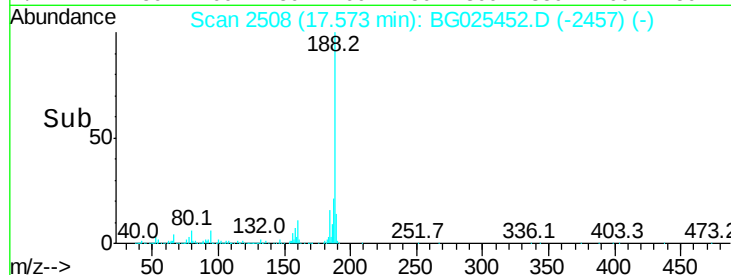
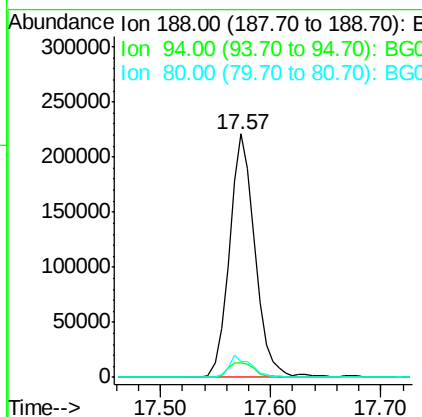
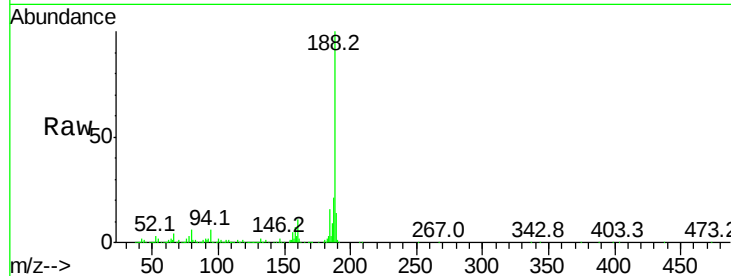




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

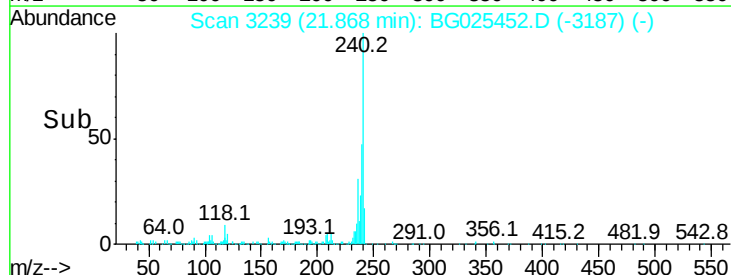
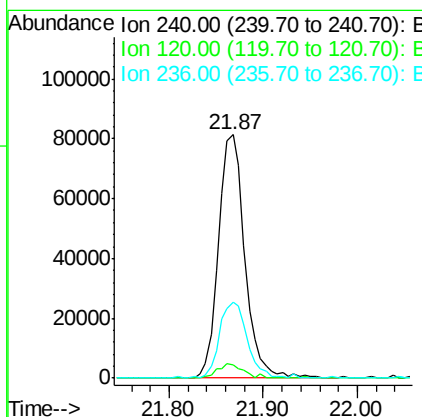
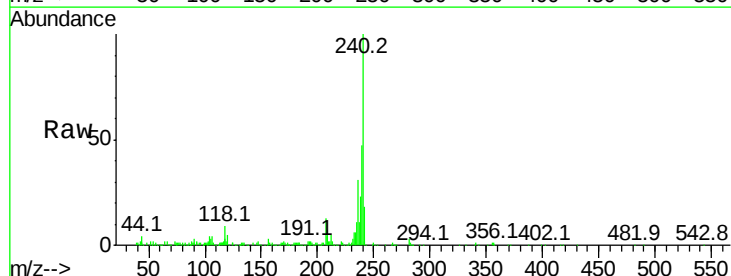
Instrument :
BNA_G
ClientSampleId :
TP5-6-COMP11

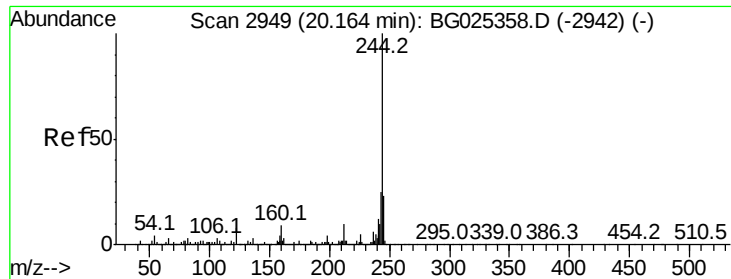
Tot Ion:188 Resp: 356770
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 6.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Tgt Ion:240 Resp: 159378
Ion Ratio Lower Upper
240 100
120 5.2 5.7 8.5#
236 31.1 22.2 33.4





#78

Terphenyl-d14

Concen: 298.64 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

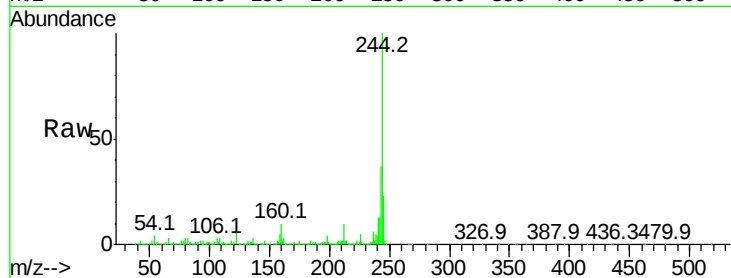
Tot Ion:244 Resp: 1795124

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

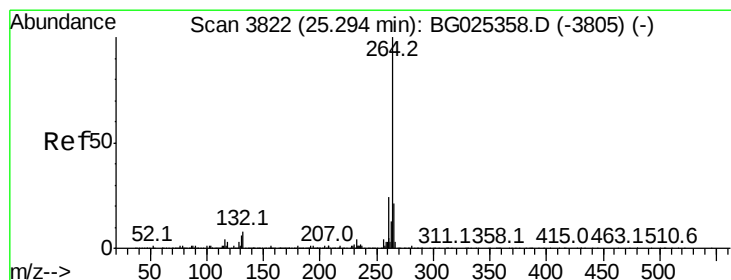
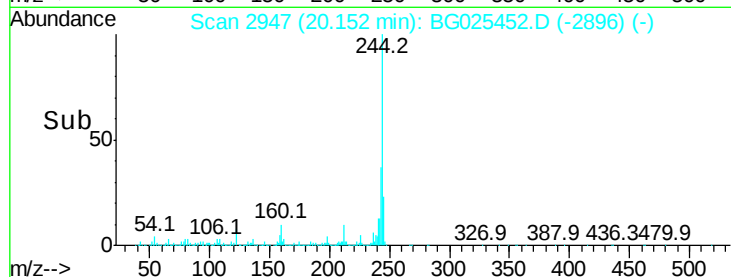
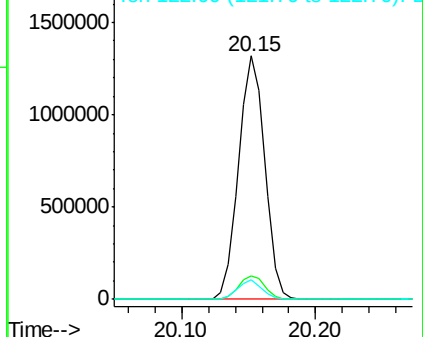
122 7.9 8.6 12.8#



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: 25.28 min Scan# 3820

Delta R.T. 0.02 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

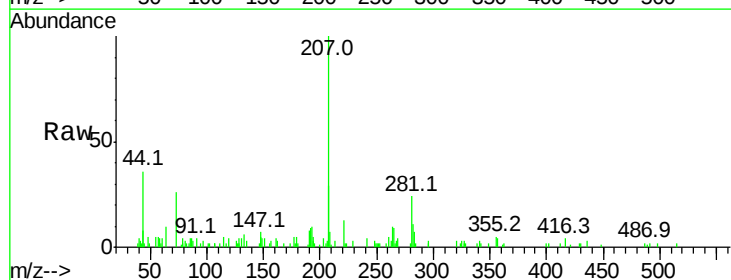
Tgt Ion:264 Resp: 1370

Ion Ratio Lower Upper

264 100

260 49.7 21.8 32.8#

265 84.0 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

