

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025559.D
 Acq On : 21 Jan 2017 5:24
 Operator : UM/SJ
 Sample : I1347-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5-0-3FT-COMP

Quant Time: Jan 21 06:10:32 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	8.18	152	59868	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	218956	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	179684	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	416876	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	622552	20.00	ng	-0.02
86) Perylene-d12	25.23	264	653111	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	469382	142.51	ng	-0.02
7) Phenol-d6	7.34	99	595187	128.31	ng	-0.02
23) Nitrobenzene-d5	9.37	82	536422	108.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	423019	146.23	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1121374	101.04	ng	-0.02
78) Terphenyl-d14	20.14	244	2284689	97.30	ng	-0.02

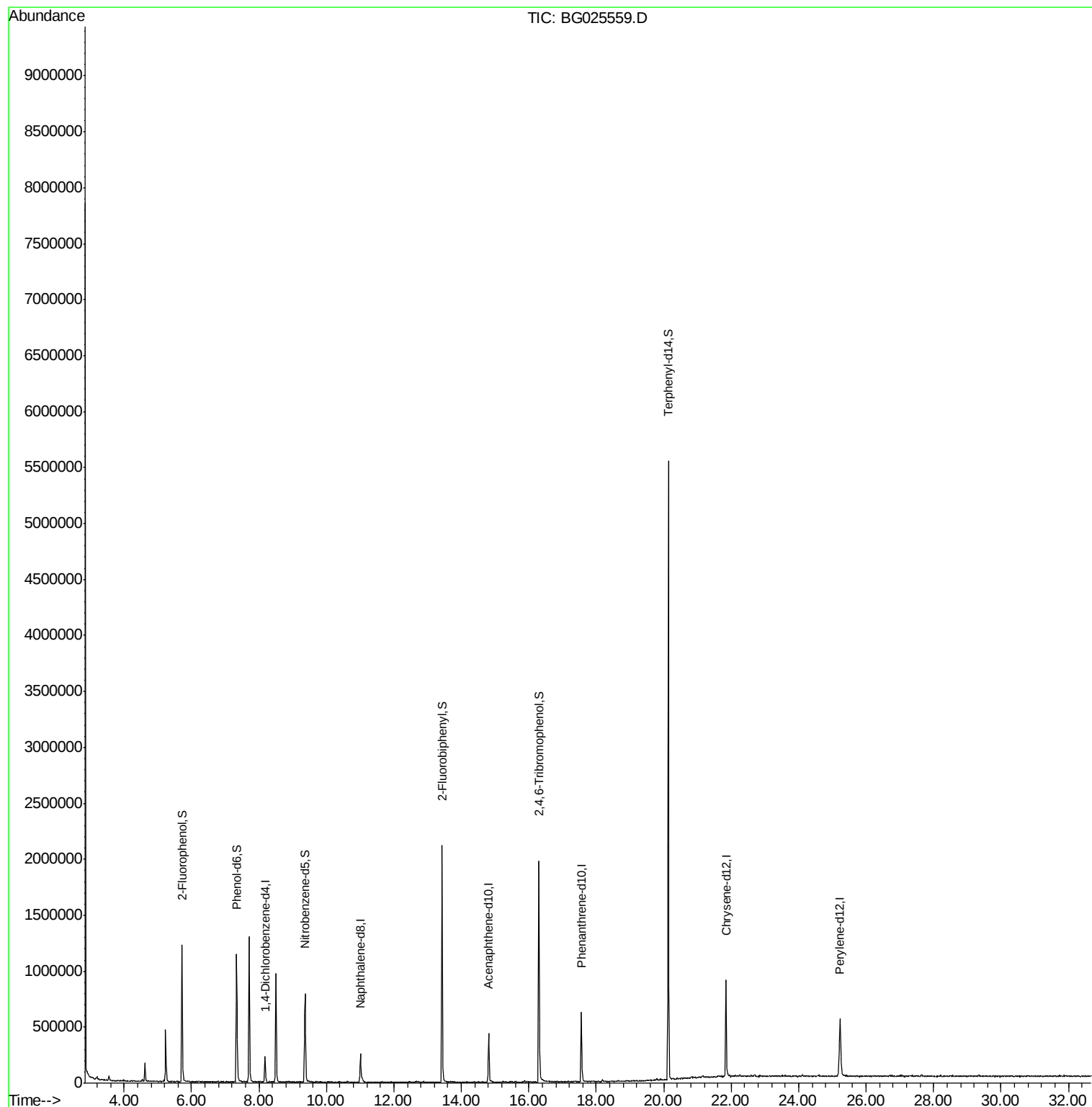
Target Compounds Qvalue

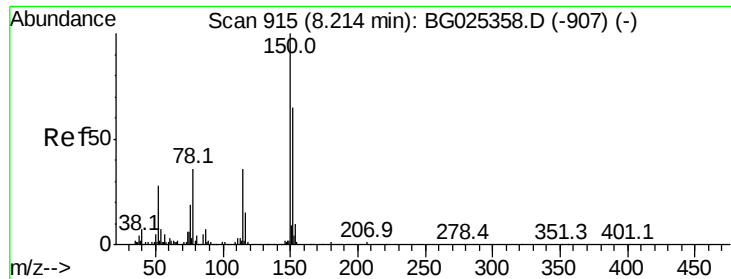
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

Instrument :

BNA_G

ClientSampleId :

S5-0-3FT-COMP

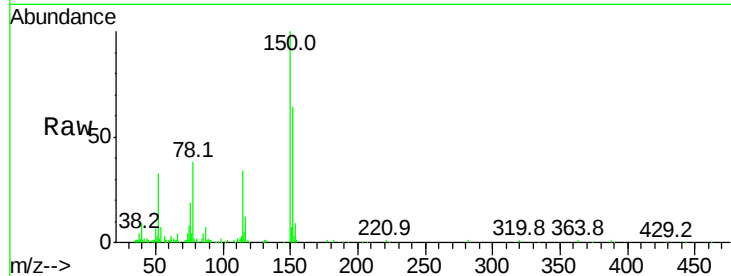
Tot Ion:152 Resp: 59868

Ion Ratio Lower Upper

152 100

150 156.0 114.0 171.0

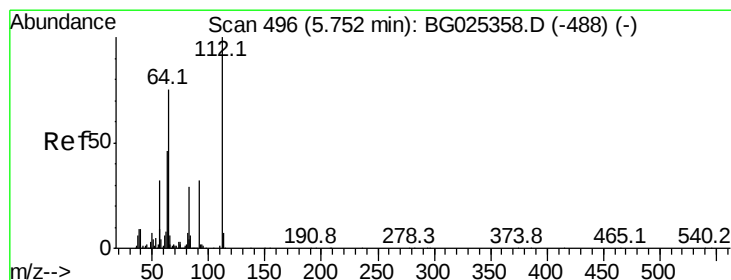
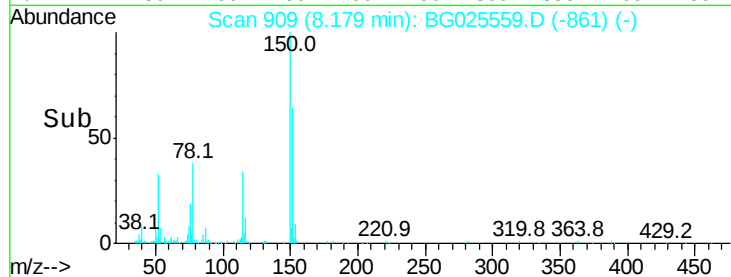
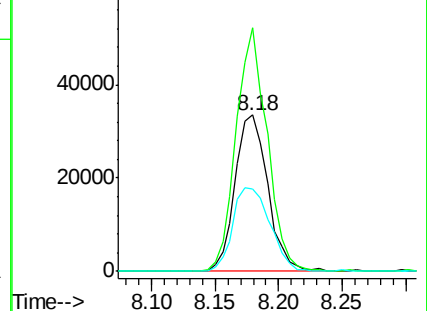
115 52.7 48.1 72.1



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: 142.51 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

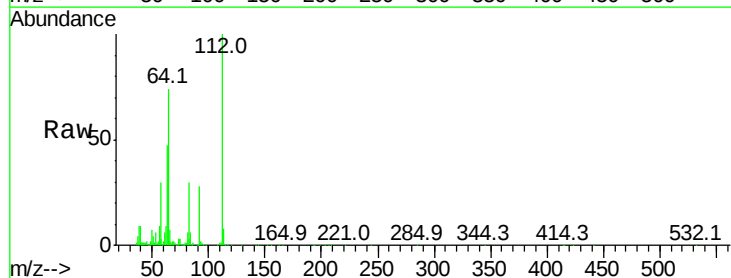
Tgt Ion:112 Resp: 469382

Ion Ratio Lower Upper

112 100

64 73.8 61.8 92.6

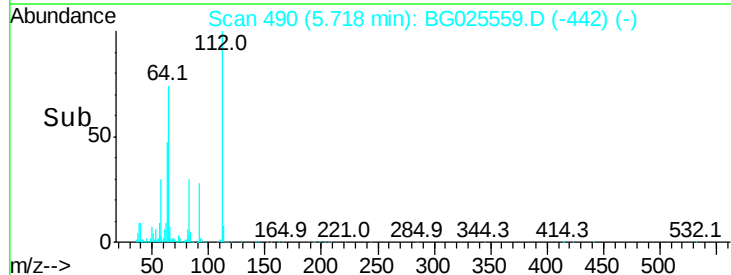
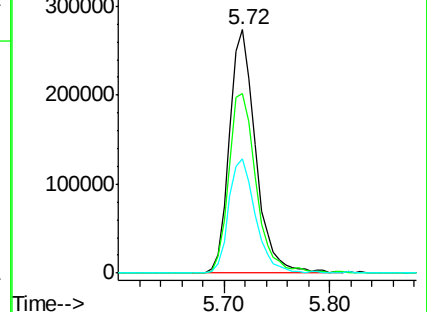
63 46.9 37.2 55.8

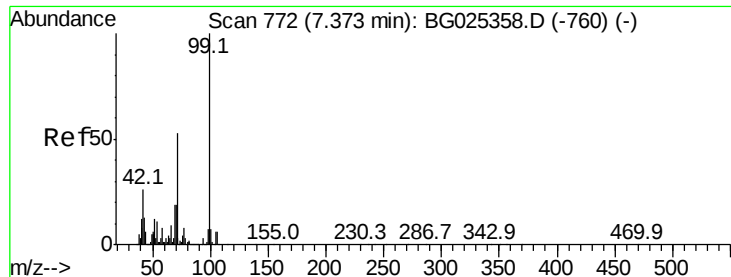


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.31 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

Instrument :

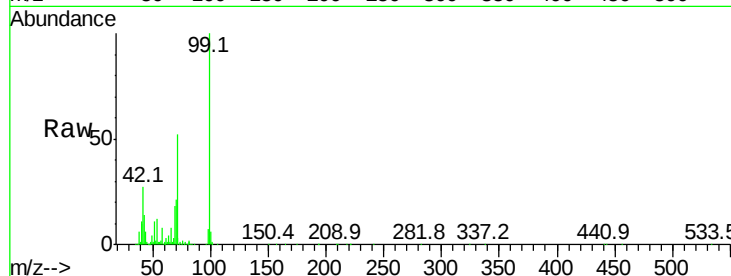
BNA_G

ClientSampleId :

S5-0-3FT-COMP

Tot Ion: 99 Resp: 595187

Ion	Ratio	Lower	Upper
99	100		
42	27.3	20.5	30.7
71	51.5	37.6	56.4

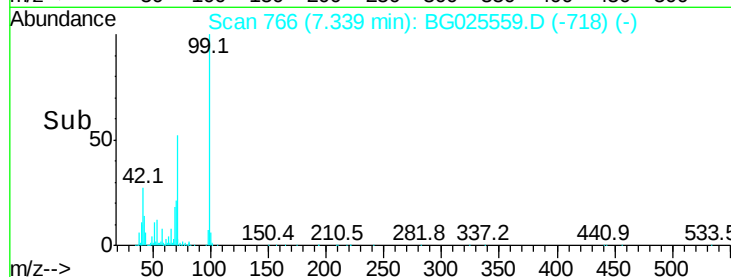
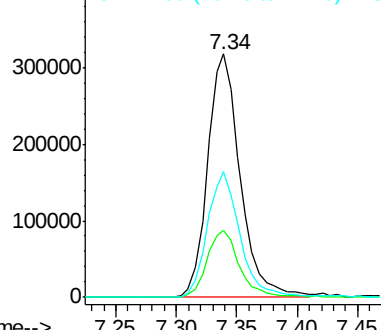


Abundance

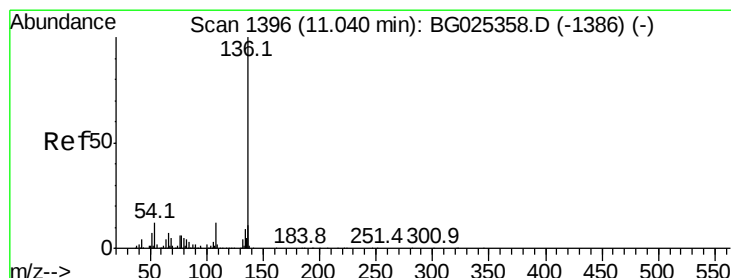
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1391

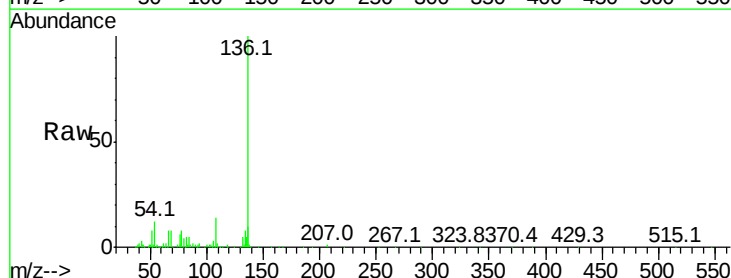
Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

Tgt Ion: 136 Resp: 218956

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	11.9	9.3	13.9
68	7.9	5.1	7.7#



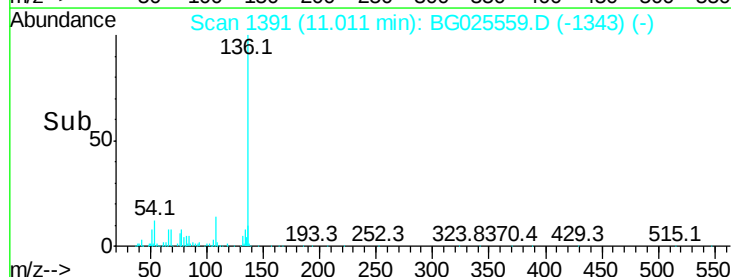
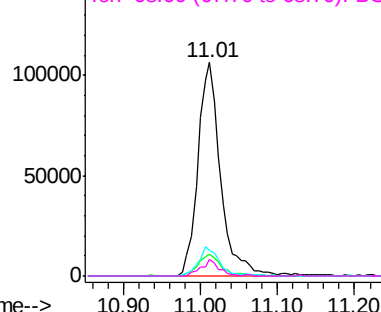
Abundance

Ion 136.00 (135.70 to 136.70): BGC

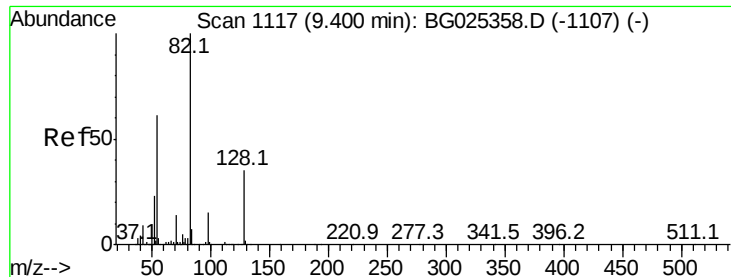
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



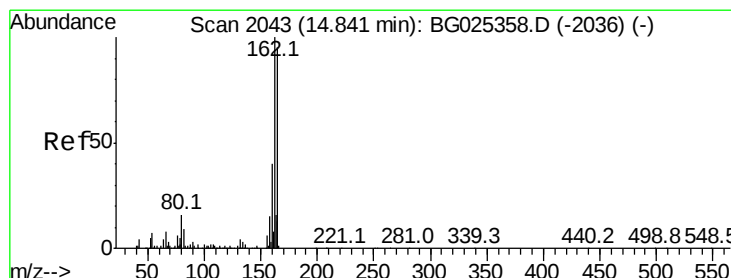
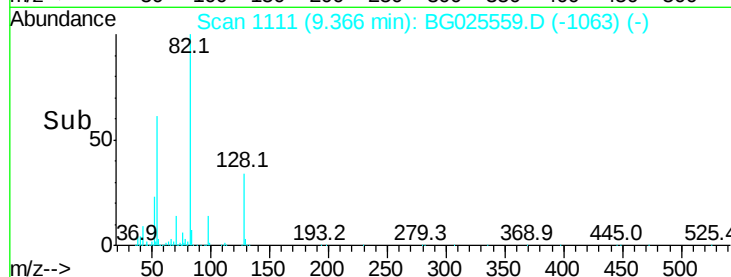
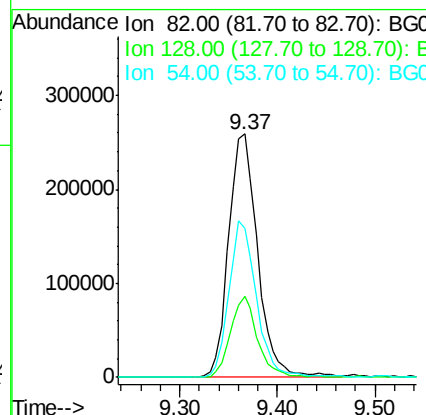
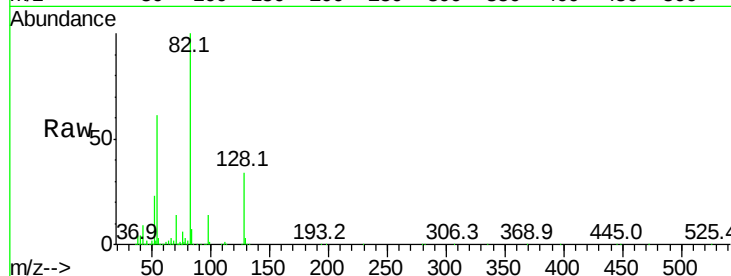
Time-->



#23
Nitrobenzene-d5
Concen: 108.23 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025559.D
Acq: 21 Jan 2017 5:24

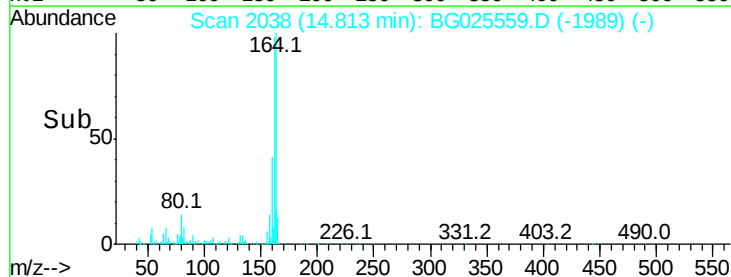
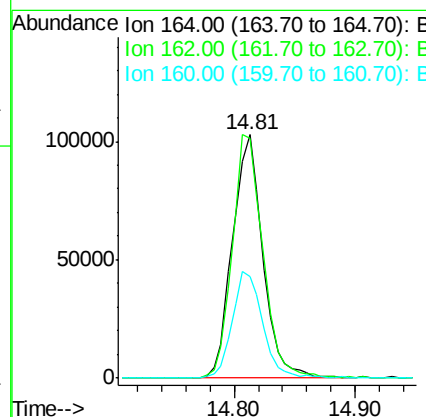
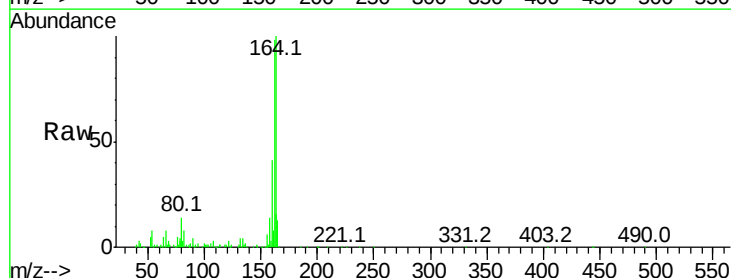
Instrument :
BNA_G
ClientSampleId :
S5-0-3FT-COMP

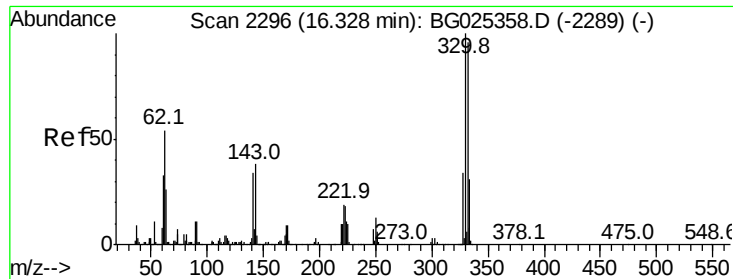
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	61.2	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG025559.D
Acq: 21 Jan 2017 5:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	85.1	127.7
160	41.4	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 146.23 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

Instrument :

BNA_G

ClientSampleId :

S5-0-3FT-COMP

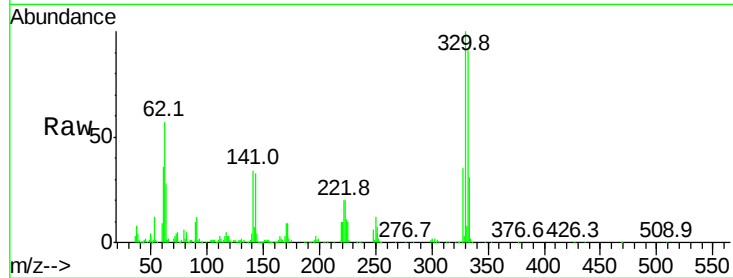
Tot Ion:330 Resp: 423019

Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

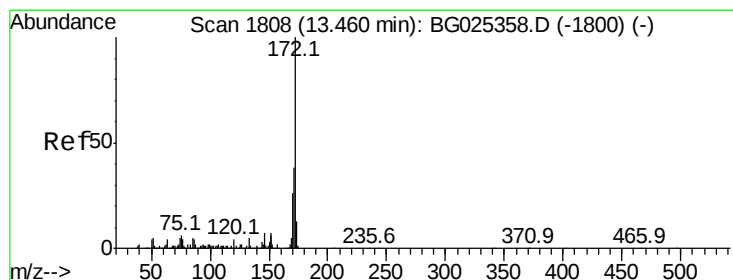
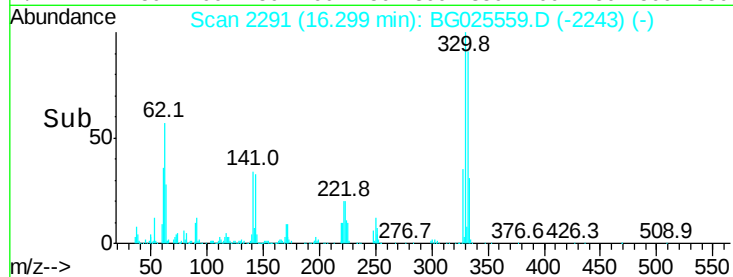
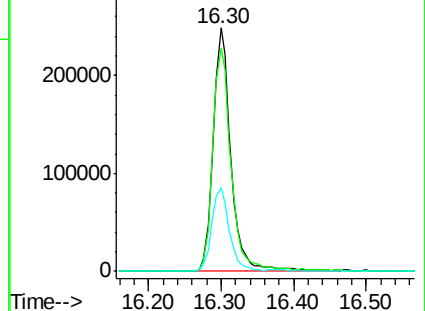
141 34.0 32.1 48.1



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: 101.04 ng

RT: 13.43 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

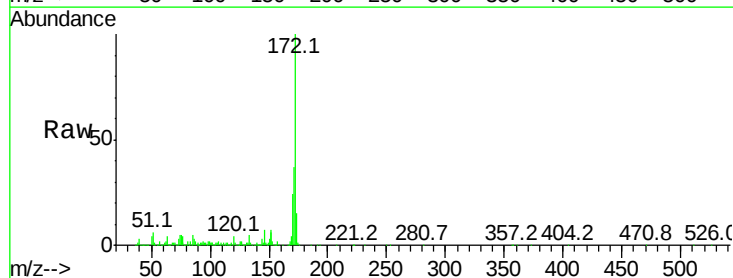
Tgt Ion:172 Resp: 1121374

Ion Ratio Lower Upper

172 100

171 37.3 32.2 48.2

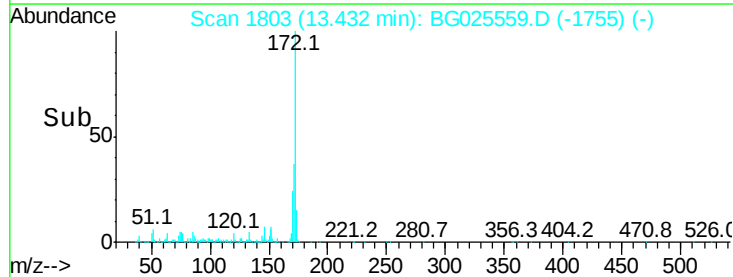
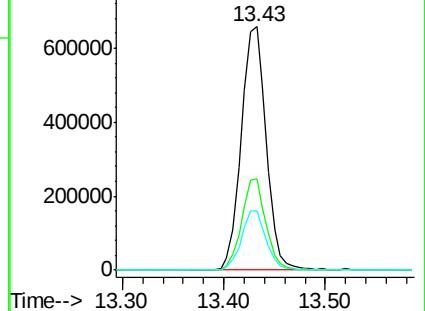
170 24.4 21.8 32.6

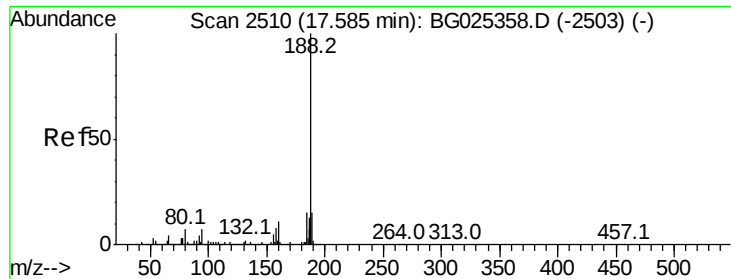


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

Instrument :

BNA_G

ClientSampleId :

S5-0-3FT-COMP

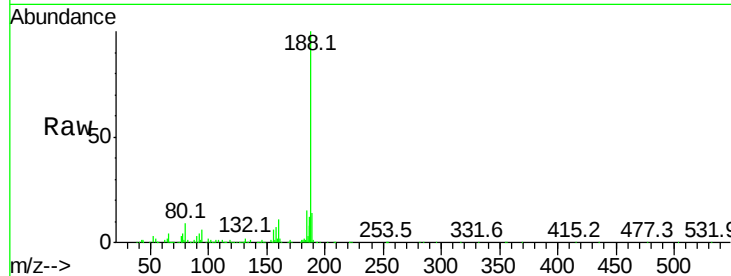
Tot Ion:188 Resp: 416876

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

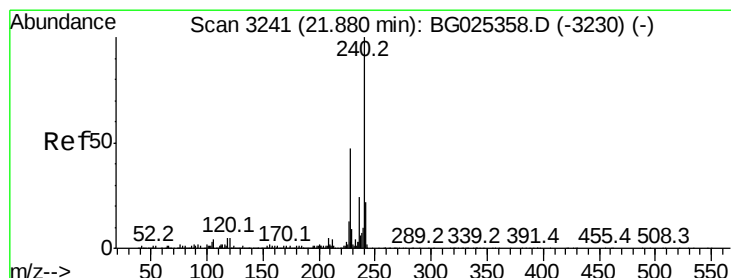
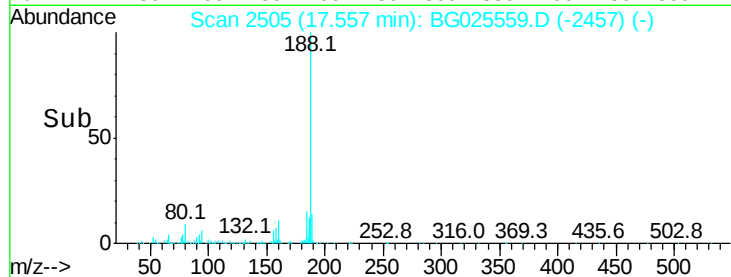
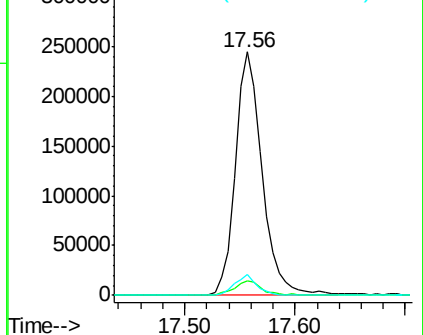
80 8.7 7.5 11.3



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: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

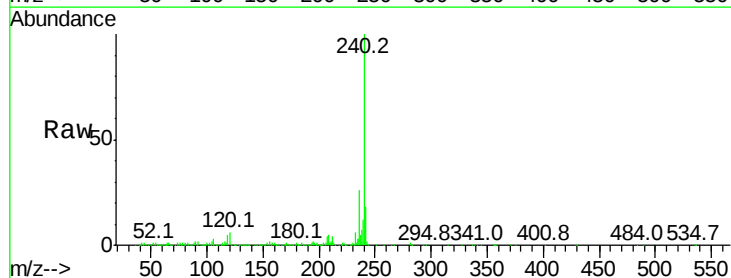
Tgt Ion:240 Resp: 622552

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

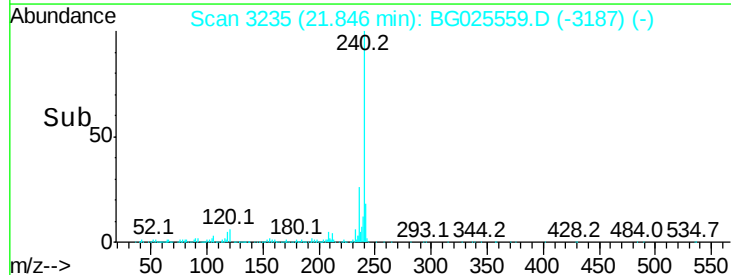
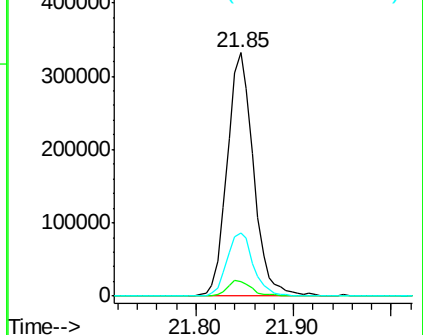
236 26.0 22.2 33.4

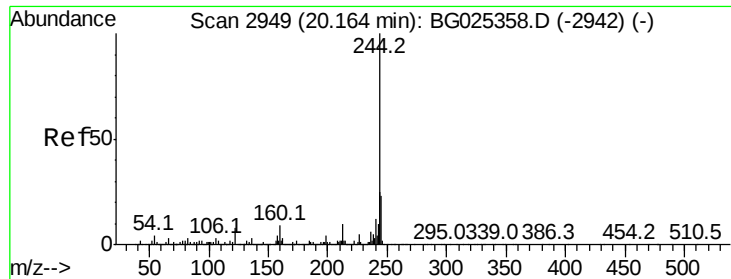


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.30 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

Instrument :

BNA_G

ClientSampleId :

S5-0-3FT-COMP

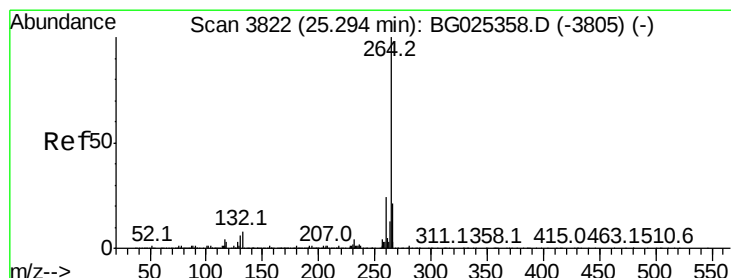
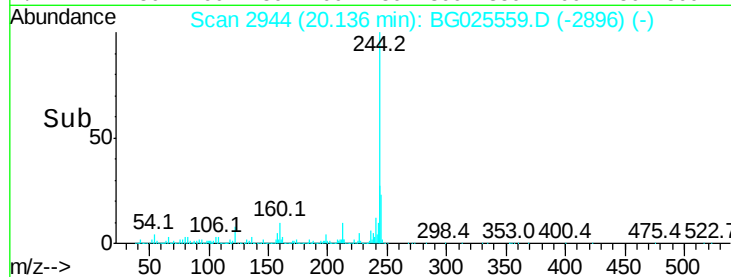
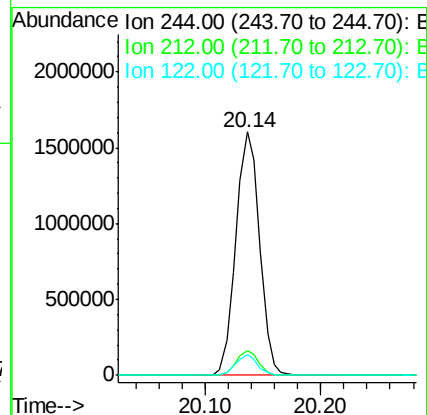
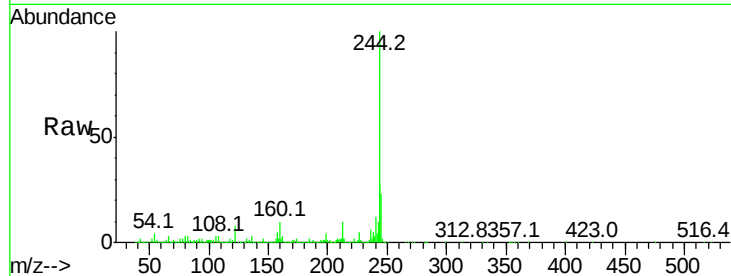
Tot Ion:244 Resp: 2284689

Ion Ratio Lower Upper

244 100

212 10.3 10.0 15.0

122 8.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. -0.04 min

Lab File: BG025559.D

Acq: 21 Jan 2017 5:24

Tgt Ion:264 Resp: 653111

Ion Ratio Lower Upper

264 100

260 26.3 21.8 32.8

265 20.4 18.2 27.4

