

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025557.D
 Acq On : 21 Jan 2017 4:04
 Operator : UM/SJ
 Sample : I1347-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-0-2FT-COMP

Quant Time: Jan 21 04:49:51 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	60355	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	227972	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	181652	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	426910	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	637233	20.00	ng	-0.02
86) Perylene-d12	25.22	264	689896	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	327621	98.67	ng	-0.02
7) Phenol-d6	7.34	99	418282	89.45	ng	-0.02
23) Nitrobenzene-d5	9.37	82	370630	71.82	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	285191	97.52	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	784473	69.92	ng	-0.02
78) Terphenyl-d14	20.14	244	1663797	69.23	ng	-0.02

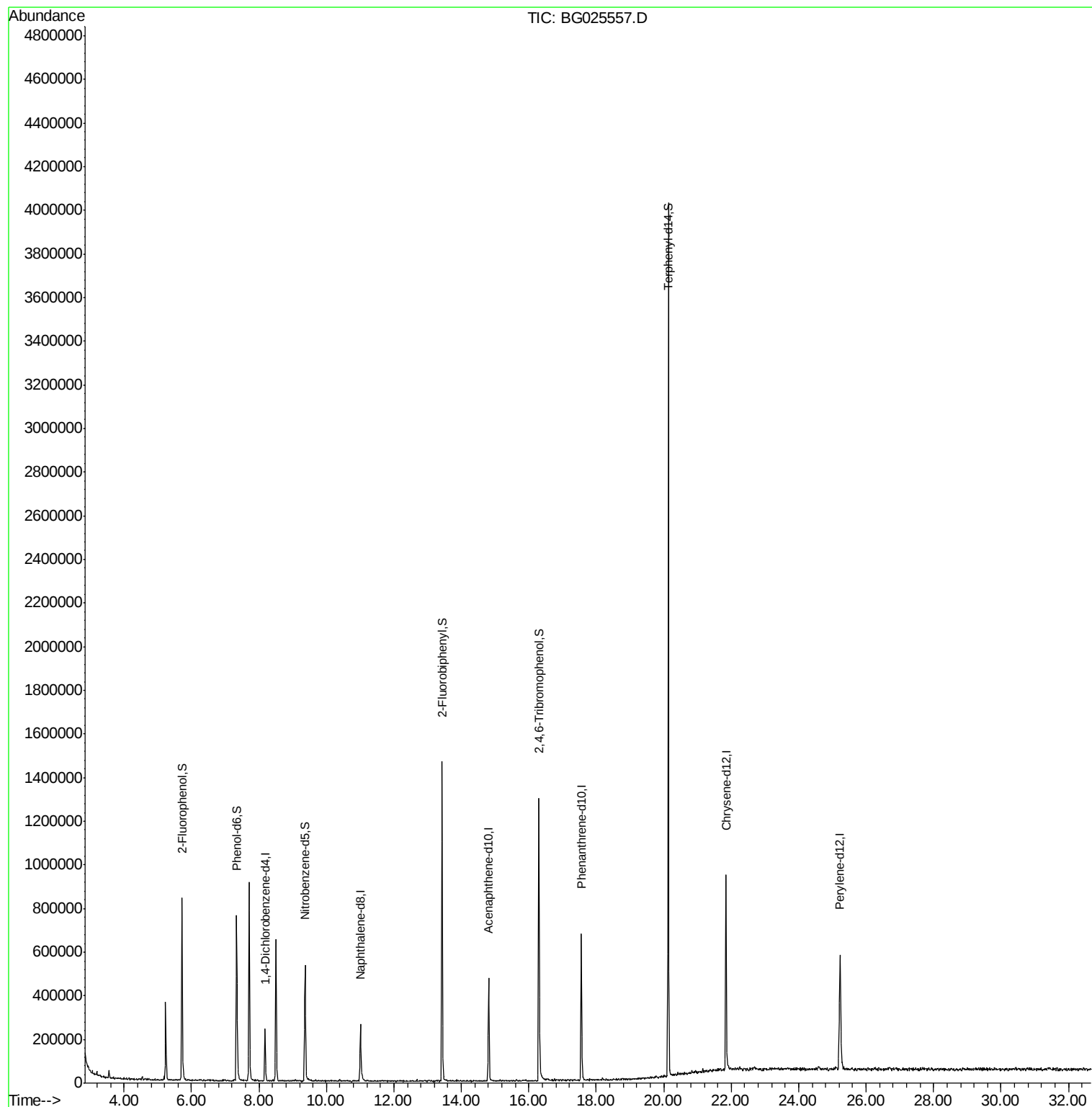
Target Compounds Qvalue

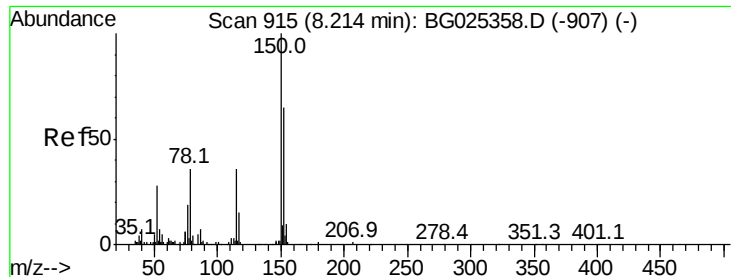
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025557.D

Acq: 21 Jan 2017 4:04

Instrument :

BNA_G

ClientSampleId :

T1-0-2FT-COMP

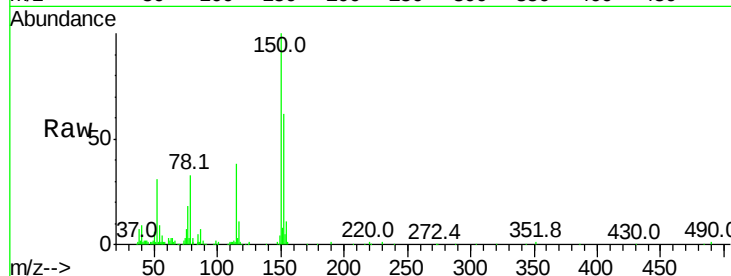
Tot Ion:152 Resp: 60355

Ion Ratio Lower Upper

152 100

150 162.4 114.0 171.0

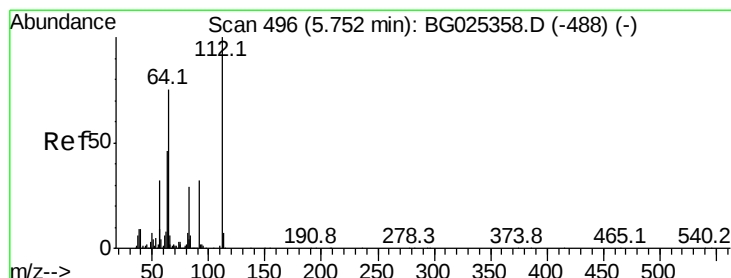
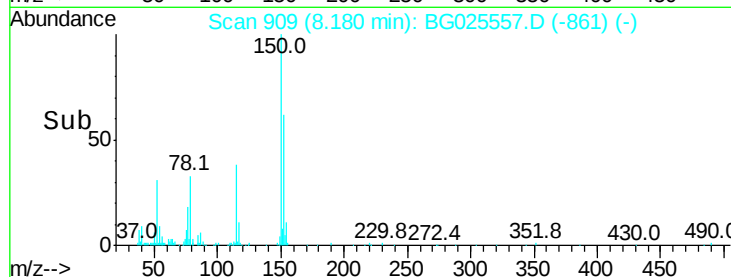
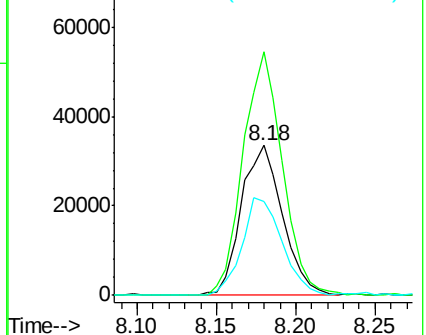
115 62.3 48.1 72.1



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: 98.67 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025557.D

Acq: 21 Jan 2017 4:04

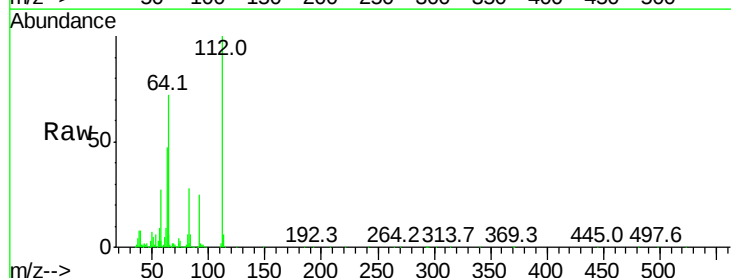
Tgt Ion:112 Resp: 327621

Ion Ratio Lower Upper

112 100

64 71.7 61.8 92.6

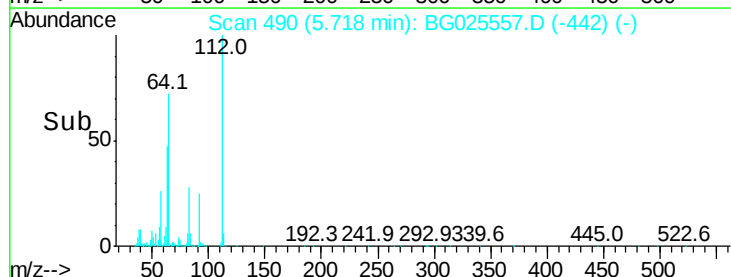
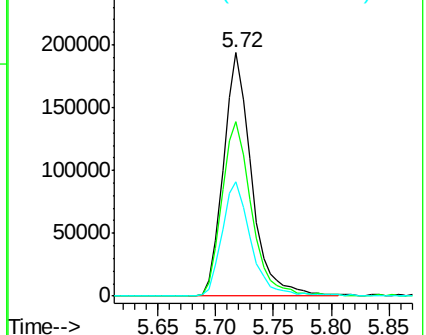
63 47.1 37.2 55.8

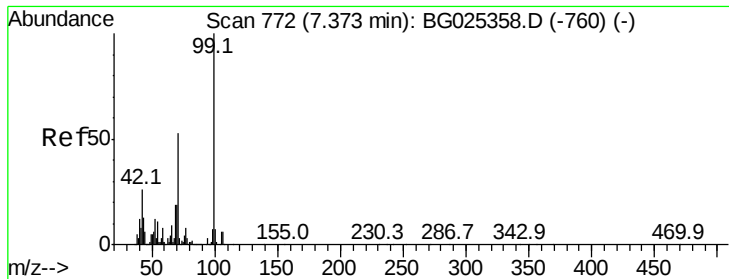


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.45 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025557.D

Acq: 21 Jan 2017 4:04

Instrument :

BNA_G

ClientSampleId :

T1-0-2FT-COMP

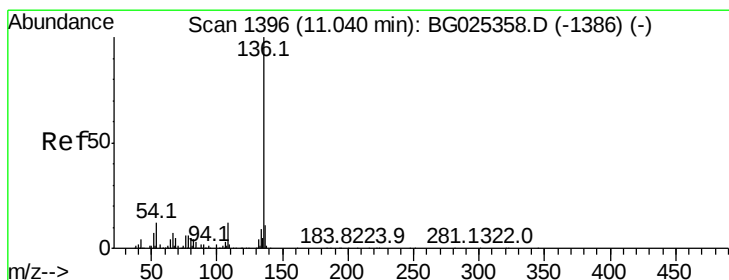
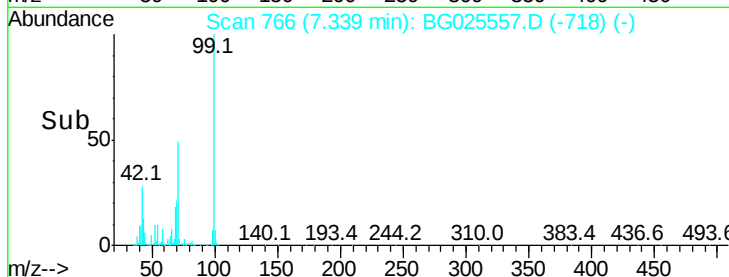
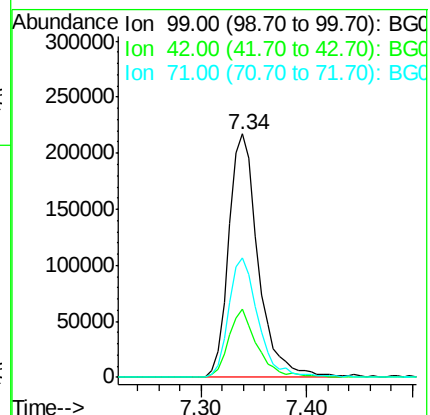
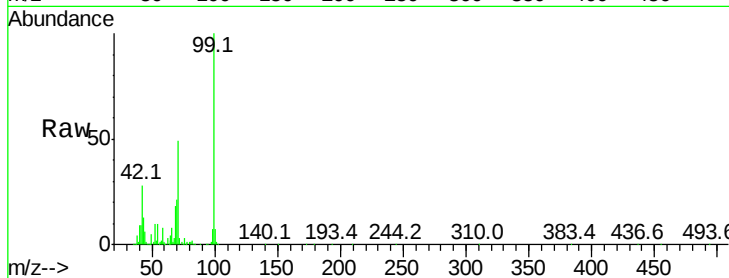
Tot Ion: 99 Resp: 418282

Ion Ratio Lower Upper

99 100

42 28.0 20.5 30.7

71 49.1 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025557.D

Acq: 21 Jan 2017 4:04

Tgt Ion: 136 Resp: 227972

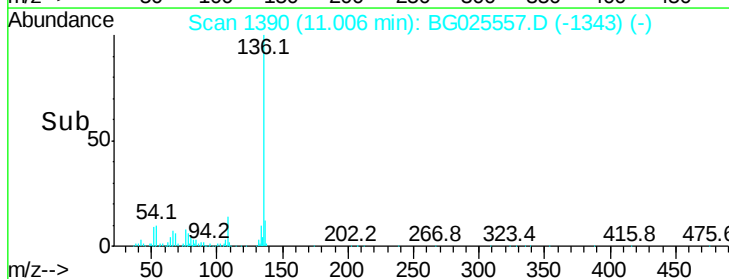
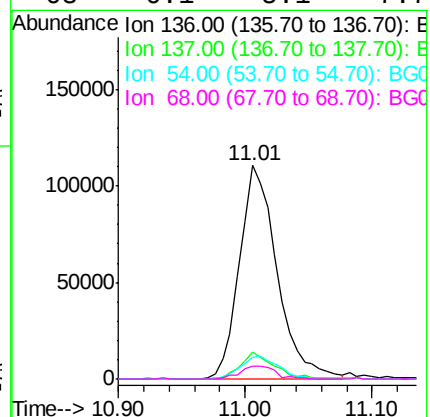
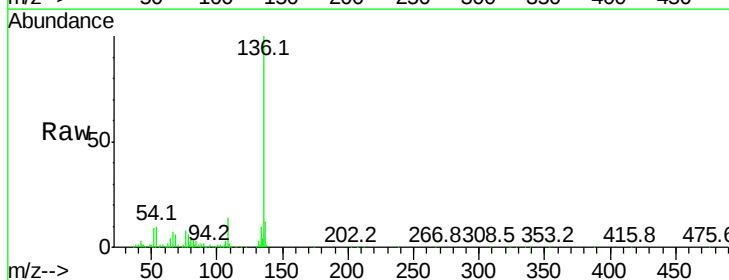
Ion Ratio Lower Upper

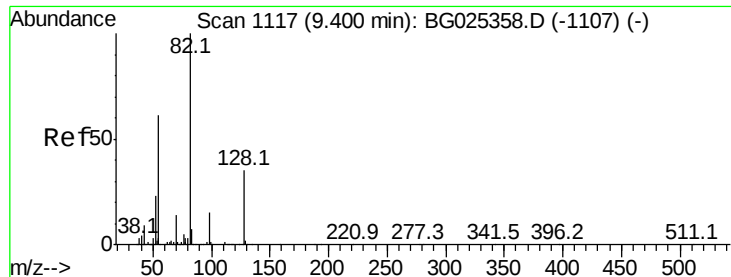
136 100

137 12.5 8.9 13.3

54 10.0 9.3 13.9

68 6.1 5.1 7.7

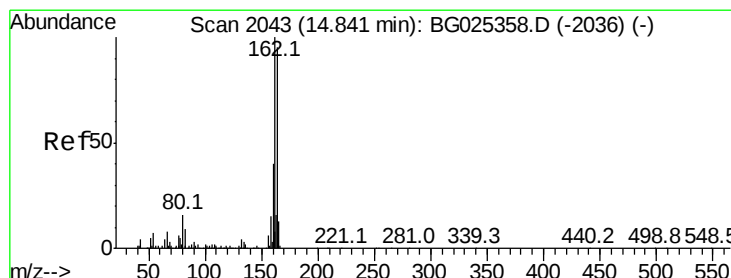
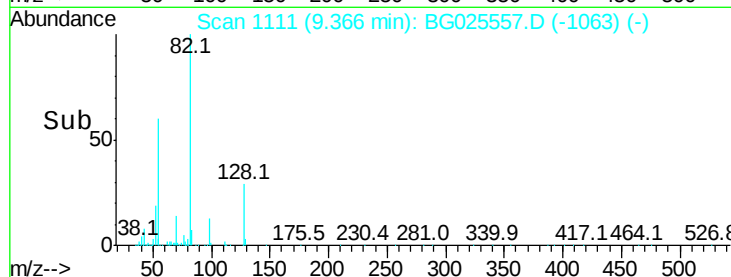
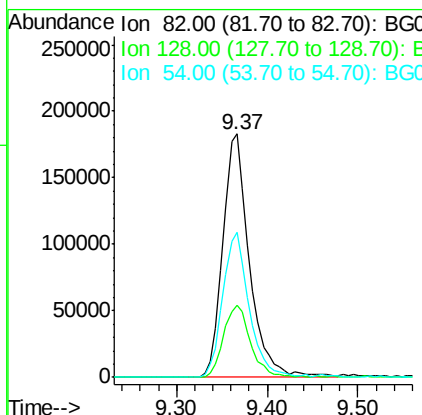
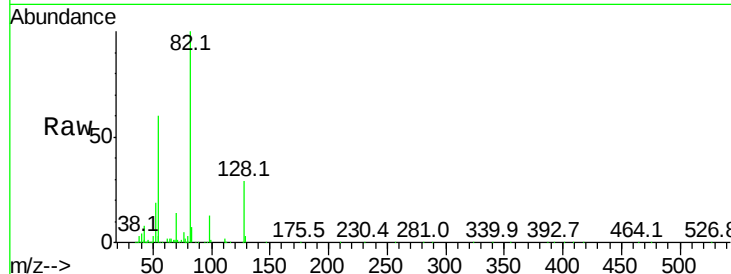




#23
Nitrobenzene-d5
Concen: 71.82 ng
RT: 9.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025557.D
Acq: 21 Jan 2017 4:04

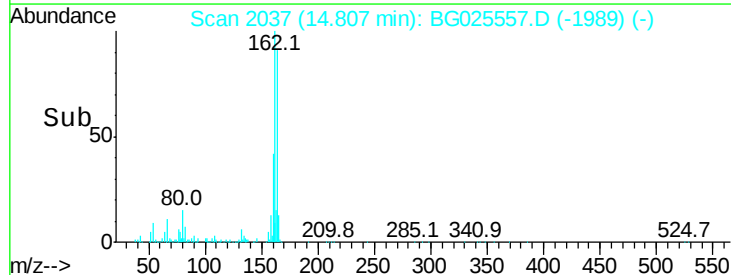
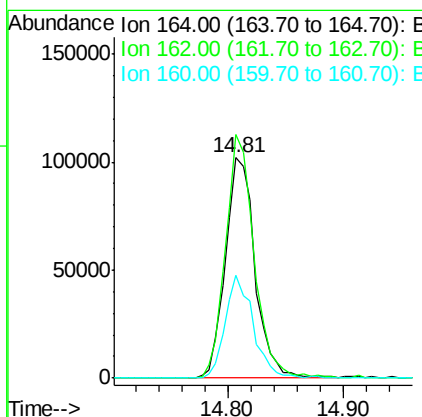
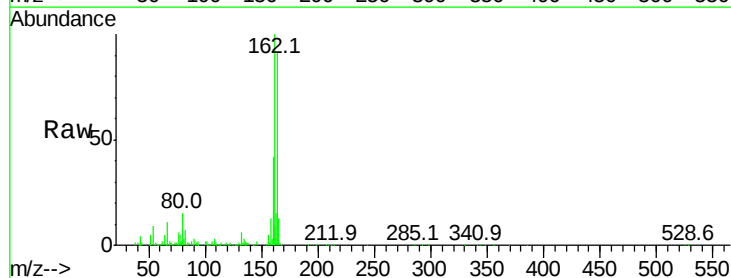
Instrument :
BNA_G
ClientSampleId :
T1-0-2FT-COMP

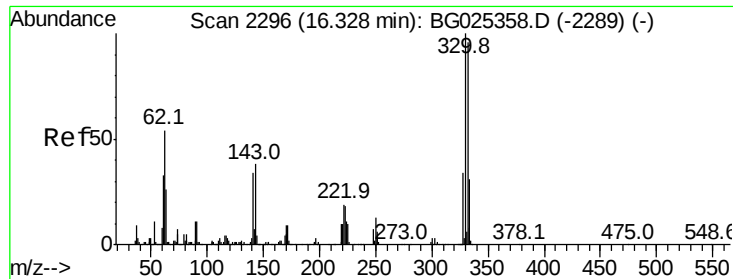
Tot Ion	82	Resp	370630
Ion Ratio	Lower	Upper	
82	100		
128	29.5	26.4	39.6
54	59.7	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025557.D
Acq: 21 Jan 2017 4:04

Tgt Ion	164	Resp	181652
Ion Ratio	Lower	Upper	
164	100		
162	110.4	85.1	127.7
160	46.4	34.7	52.1

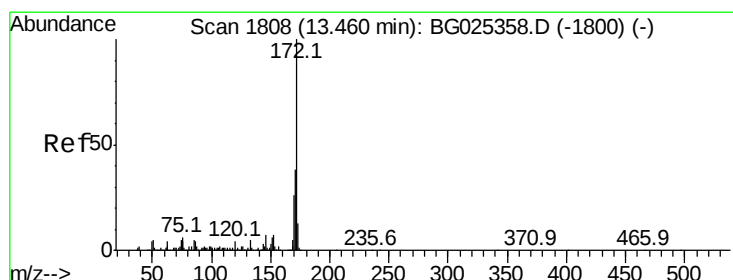
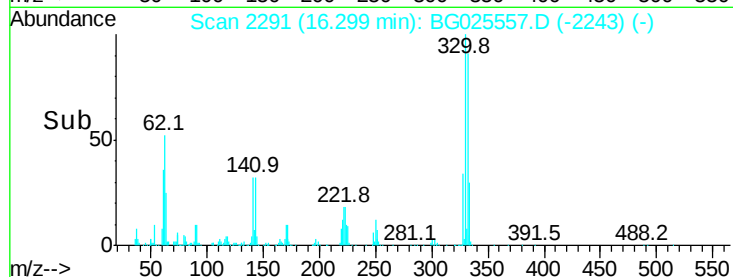
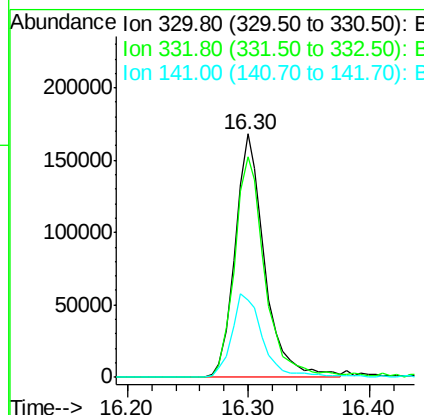
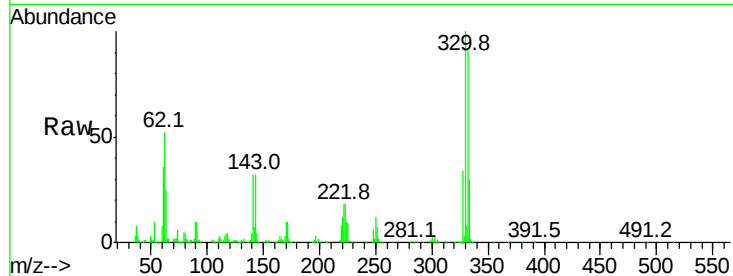




#41
 2,4,6-Tribromophenol
 Concen: 97.52 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025557.D
 Acq: 21 Jan 2017 4:04

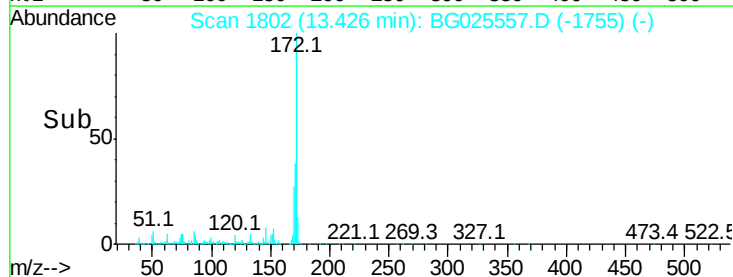
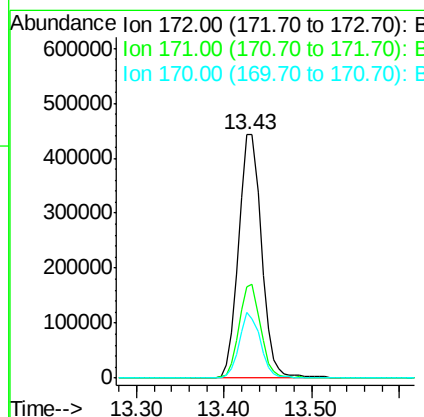
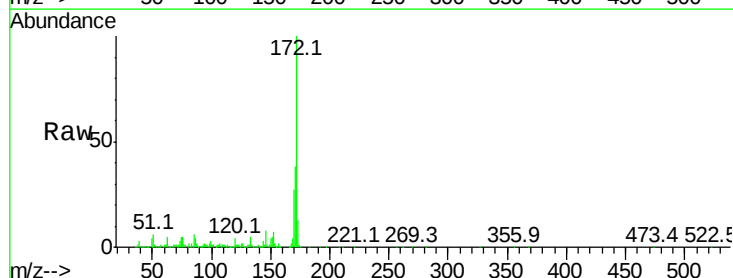
Instrument :
 BNA_G
 ClientSampleId :
 T1-0-2FT-COMP

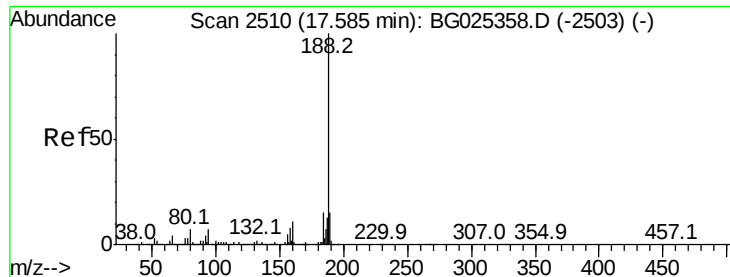
Tot Ion:330 Resp: 285191
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.3 115.9
 141 35.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 69.92 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025557.D
 Acq: 21 Jan 2017 4:04

Tgt Ion:172 Resp: 784473
 Ion Ratio Lower Upper
 172 100
 171 37.5 32.2 48.2
 170 26.7 21.8 32.6

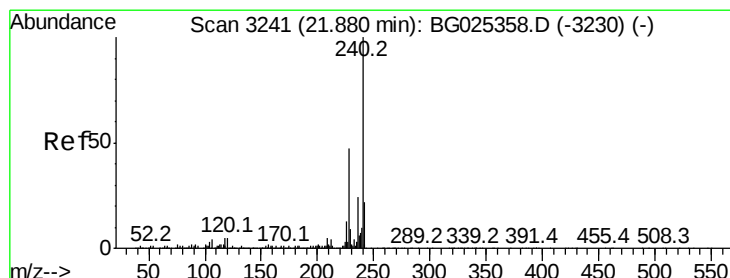
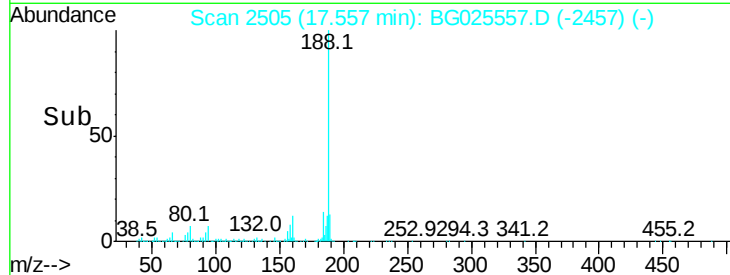
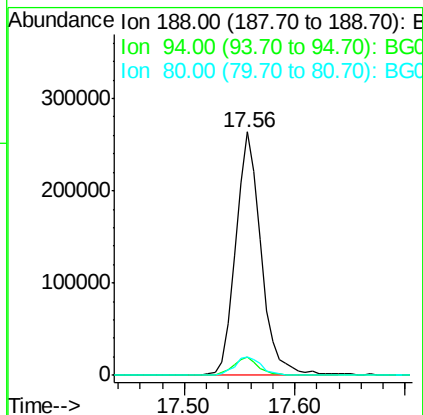
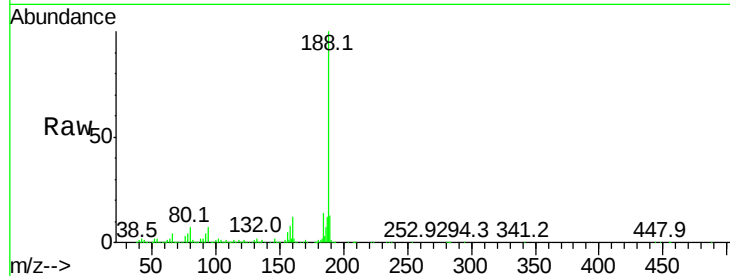




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025557.D
Acq: 21 Jan 2017 4:04

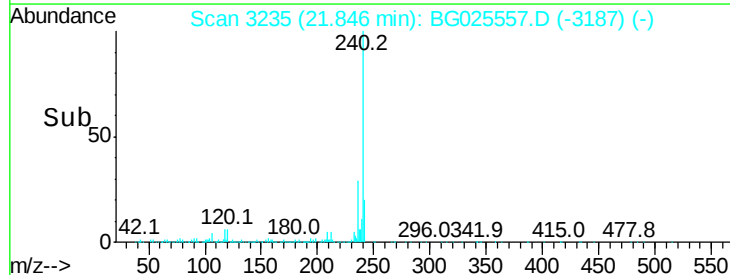
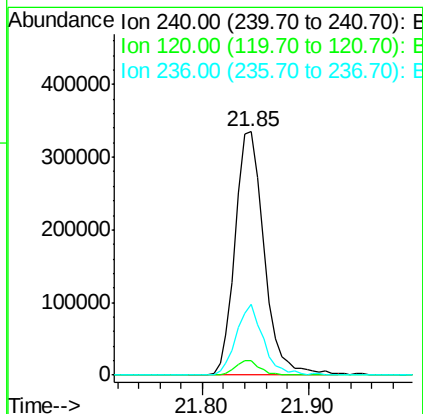
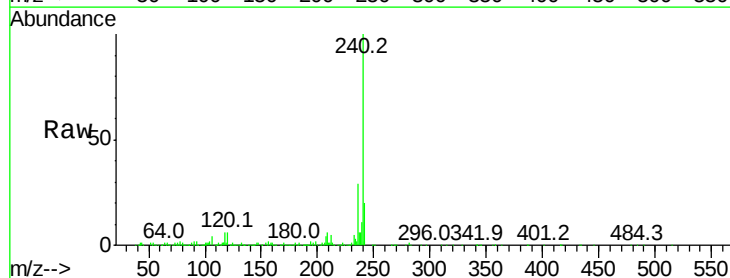
Instrument :
BNA_G
ClientSampleId :
T1-0-2FT-COMP

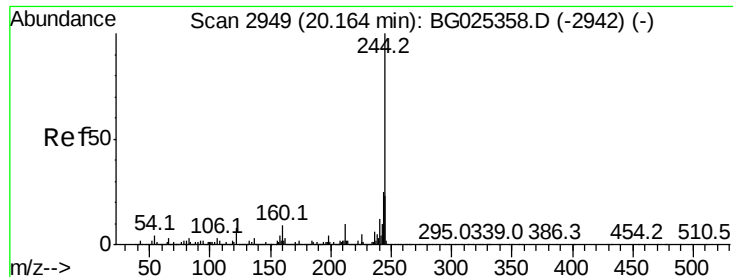
Tot Ion:188 Resp: 426910
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 7.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG025557.D
Acq: 21 Jan 2017 4:04

Tgt Ion:240 Resp: 637233
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 29.1 22.2 33.4





#78

Terphenyl-d14

Concen: 69.23 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025557.D

Acq: 21 Jan 2017 4:04

Instrument :

BNA_G

ClientSampleId :

T1-0-2FT-COMP

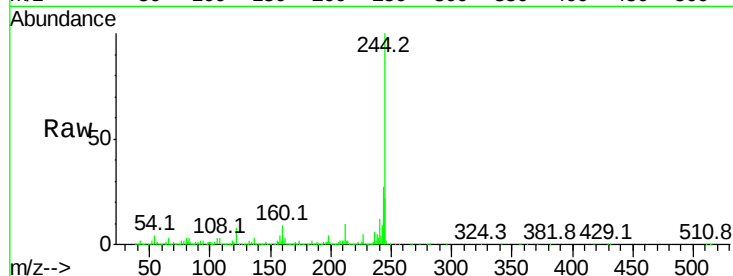
Tot Ion:244 Resp: 1663797

Ion Ratio Lower Upper

244 100

212 9.8 10.0 15.0#

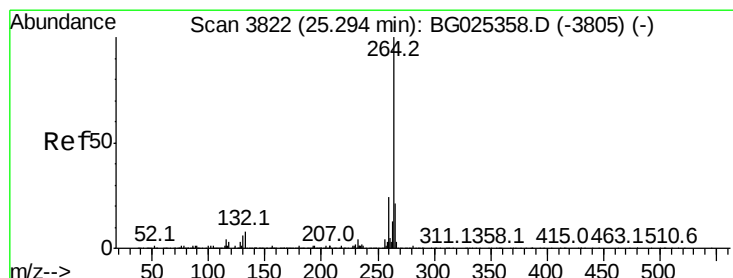
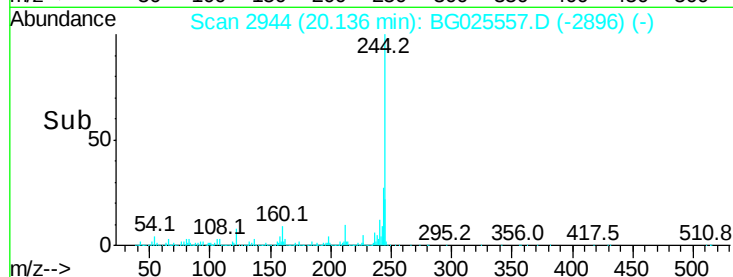
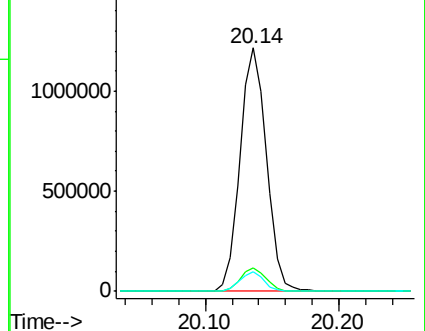
122 7.9 8.6 12.8#



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: 25.22 min Scan# 3810

Delta R.T. -0.04 min

Lab File: BG025557.D

Acq: 21 Jan 2017 4:04

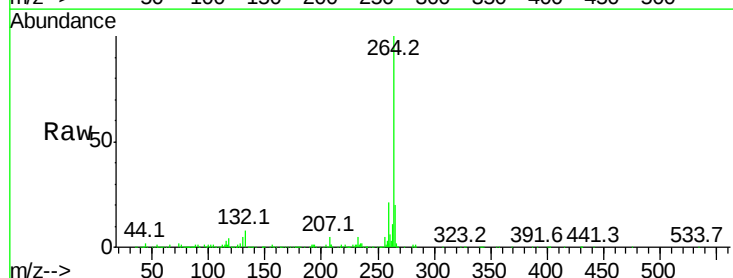
Tgt Ion:264 Resp: 689896

Ion Ratio Lower Upper

264 100

260 21.3 21.8 32.8#

265 20.4 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

