

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025561.D
 Acq On : 21 Jan 2017 6:44
 Operator : UM/SJ
 Sample : I1308-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-2-0-12FT-COMP

Quant Time: Jan 23 00:45:47 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	59041	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	221649	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	172628	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	407848	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	626845	20.00	ng	-0.02
86) Perylene-d12	25.23	264	683494	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	455455	140.22	ng	-0.02
7) Phenol-d6	7.34	99	573057	125.27	ng	-0.02
23) Nitrobenzene-d5	9.36	82	509892	101.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	388322	139.72	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1051173	98.58	ng	-0.02
78) Terphenyl-d14	20.14	244	2250545	95.19	ng	-0.02

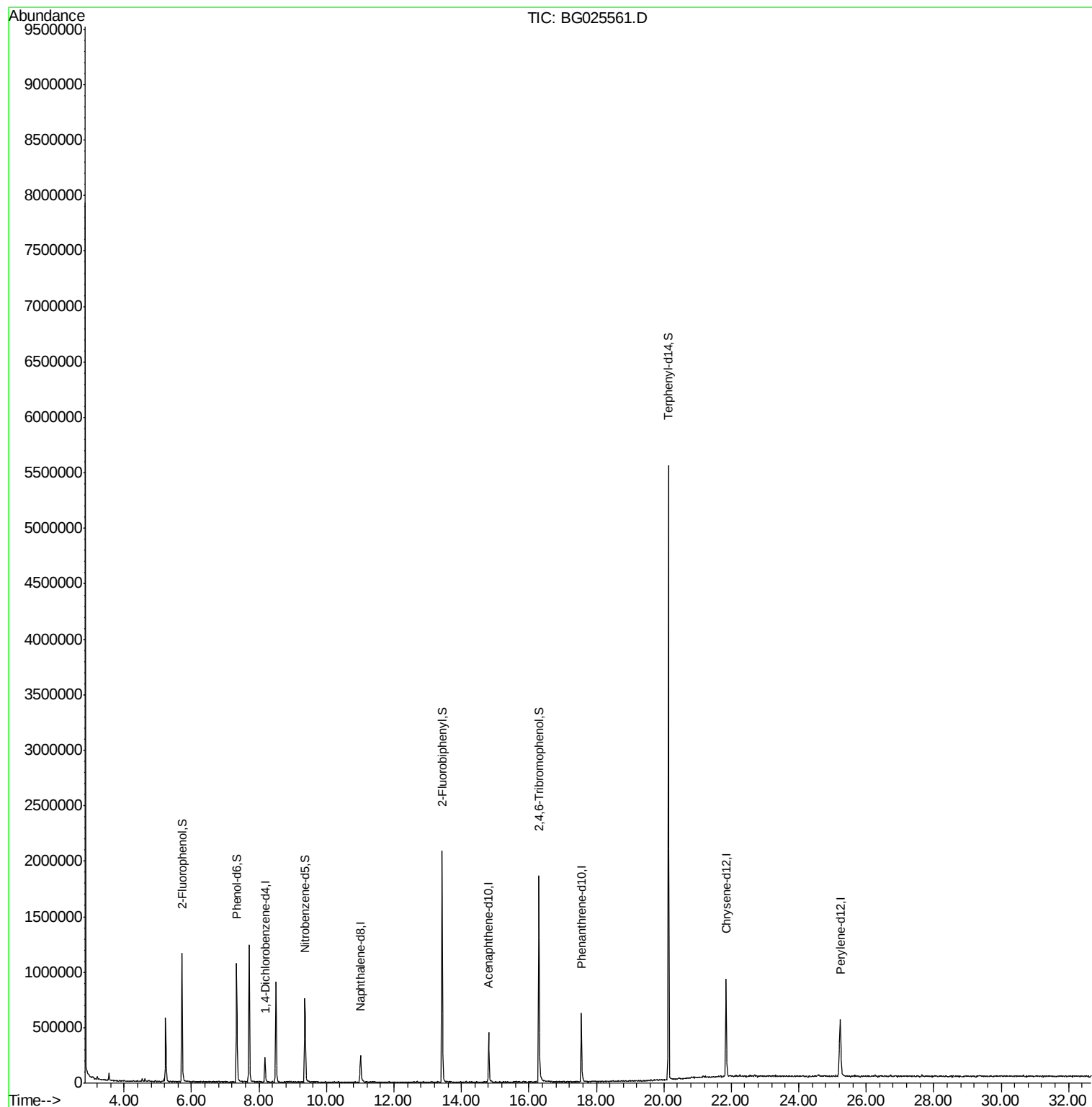
Target Compounds Qvalue

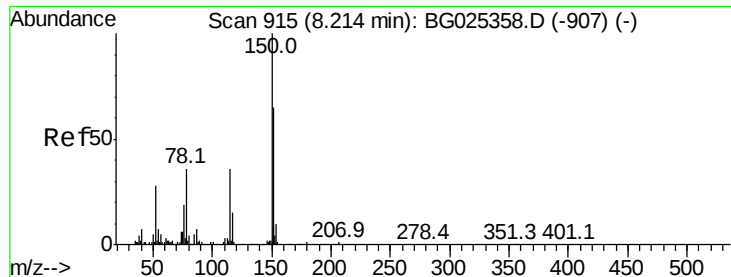
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG025561.D

Acq: 21 Jan 2017 6:44

Instrument :

BNA_G

ClientSampleId :

MH-2-0-12FT-COMP

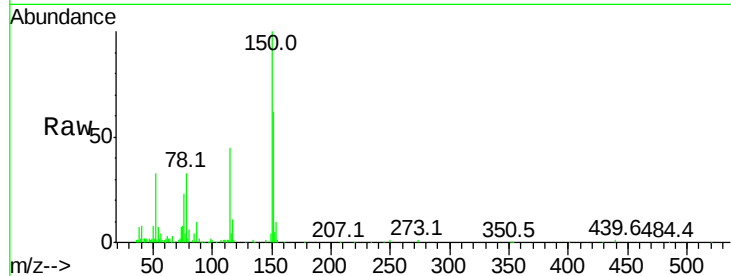
Tot Ion:152 Resp: 59041

Ion Ratio Lower Upper

152 100

150 162.0 114.0 171.0

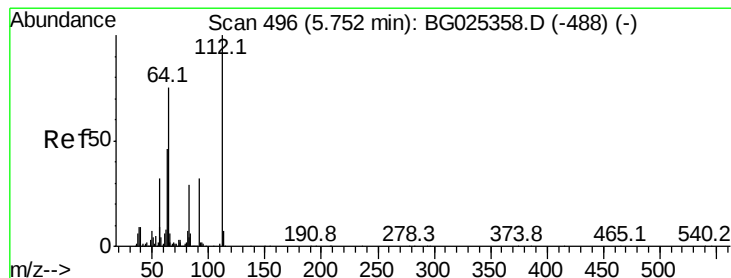
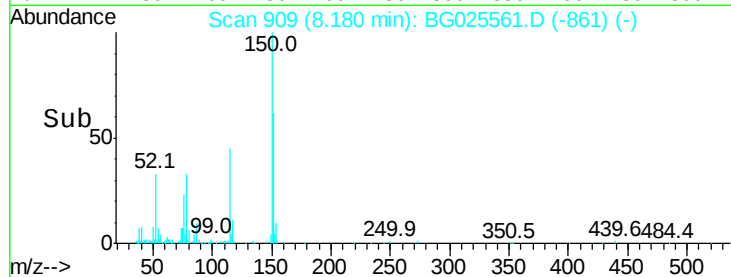
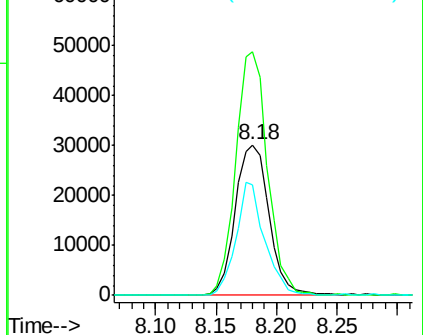
115 73.5 48.1 72.1#



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: 140.22 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025561.D

Acq: 21 Jan 2017 6:44

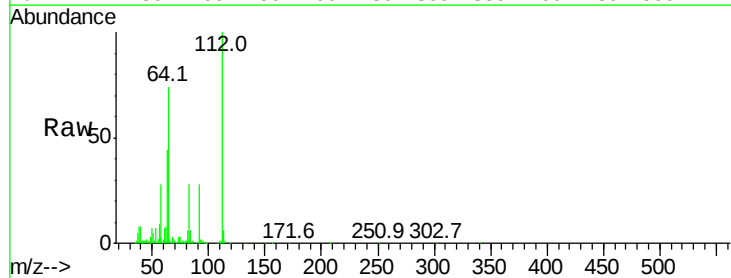
Tgt Ion:112 Resp: 455455

Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

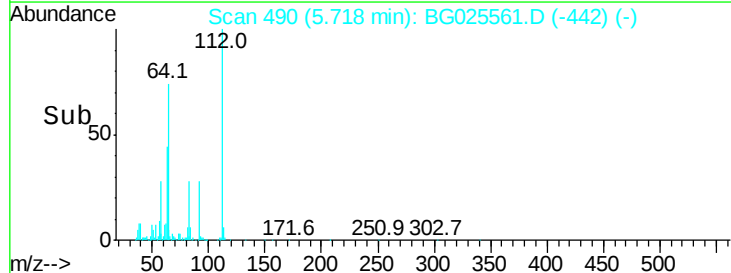
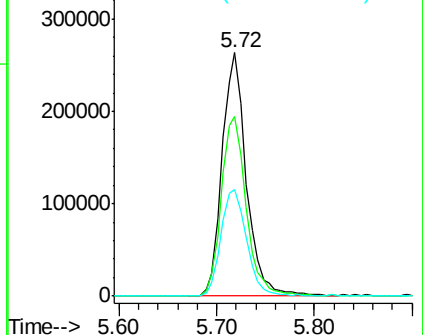
63 43.9 37.2 55.8

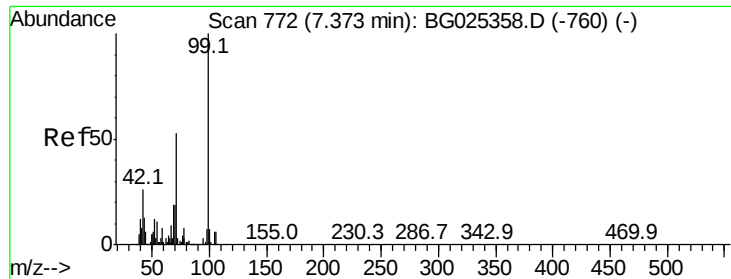


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.27 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025561.D

Acq: 21 Jan 2017 6:44

Instrument :

BNA_G

ClientSampleId :

MH-2-0-12FT-COMP

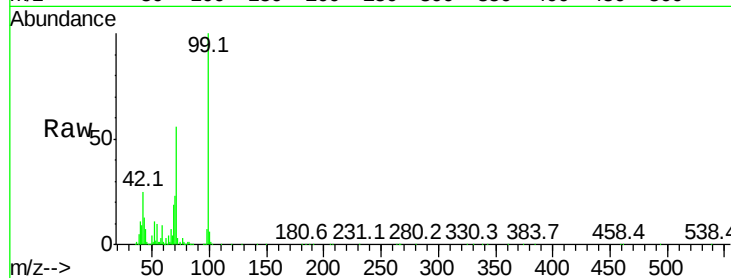
Tot Ion: 99 Resp: 573057

Ion Ratio Lower Upper

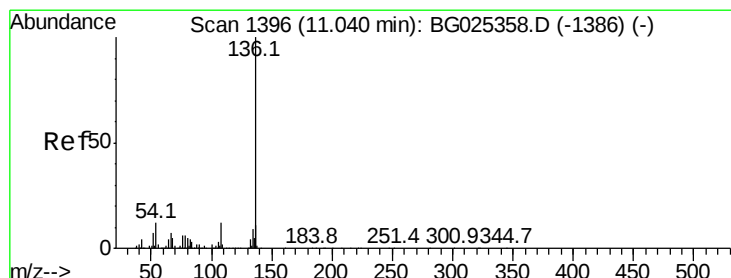
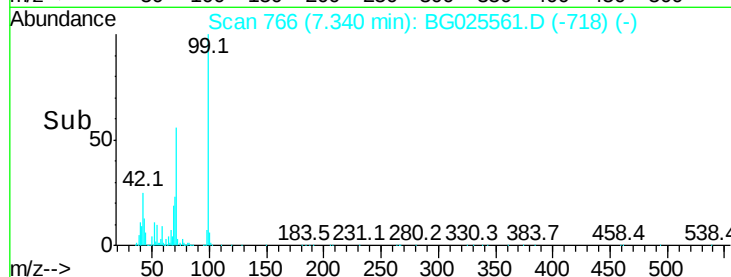
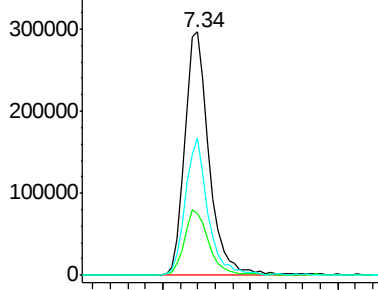
99 100

42 25.2 20.5 30.7

71 56.2 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: 11.01 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BG025561.D

Acq: 21 Jan 2017 6:44

Tgt Ion: 136 Resp: 221649

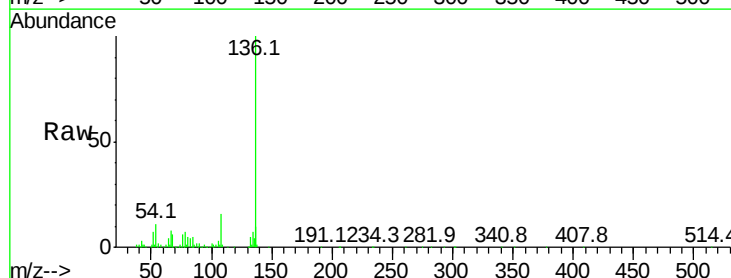
Ion Ratio Lower Upper

136 100

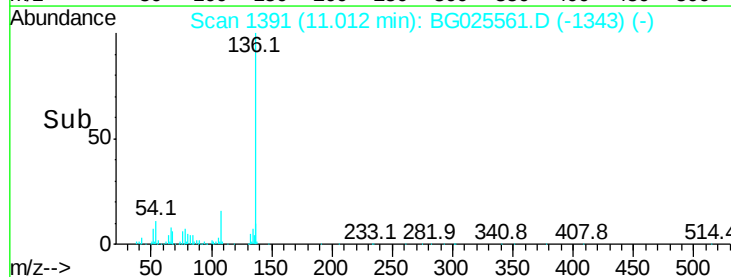
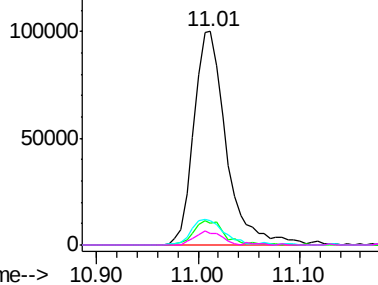
137 10.1 8.9 13.3

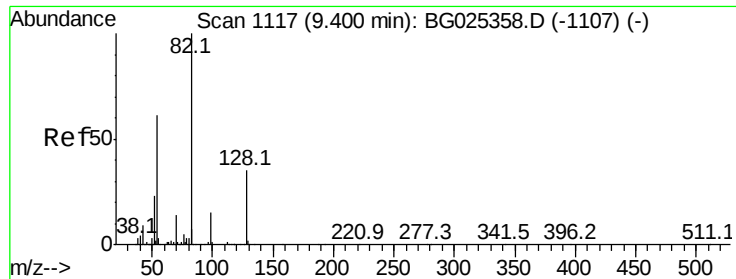
54 11.1 9.3 13.9

68 5.6 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

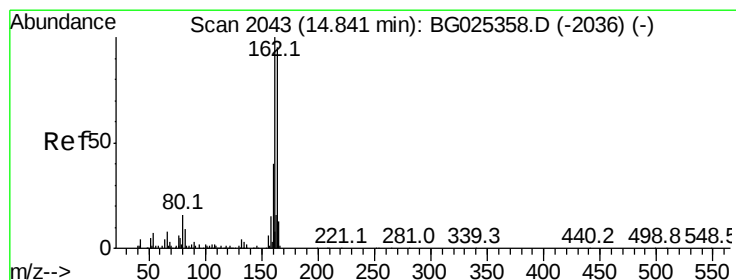
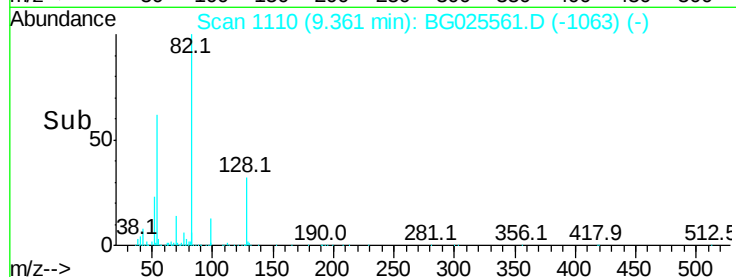
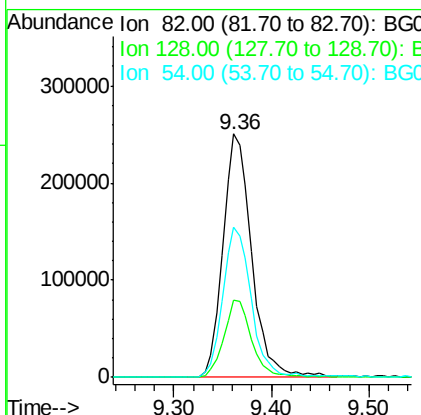
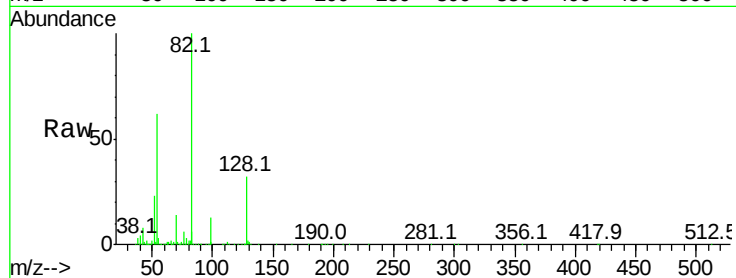




#23
 Nitrobenzene-d5
 Concen: 101.63 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025561.D
 Acq: 21 Jan 2017 6:44

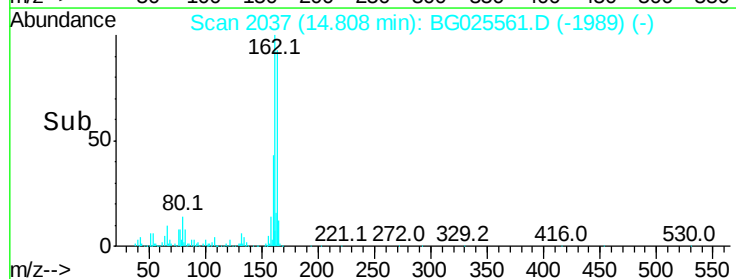
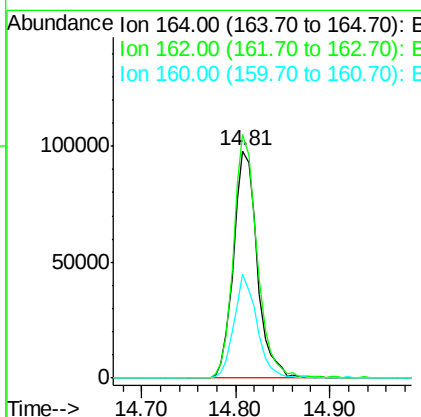
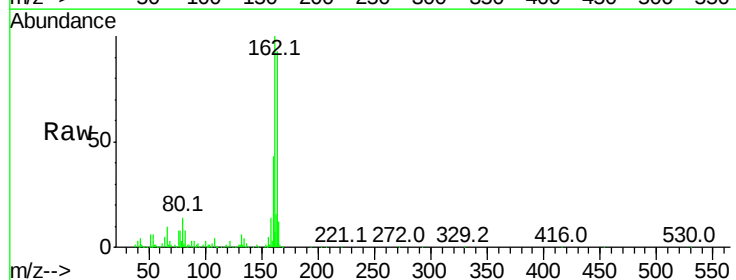
Instrument :
 BNA_G
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 MH-2-0-12FT-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.6	26.4	39.6
54	61.6	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: BG025561.D
 Acq: 21 Jan 2017 6:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	46.0	34.7	52.1

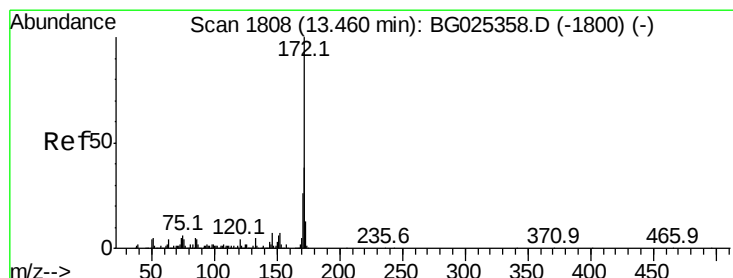
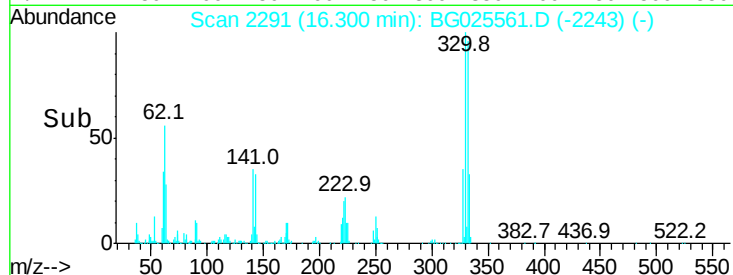
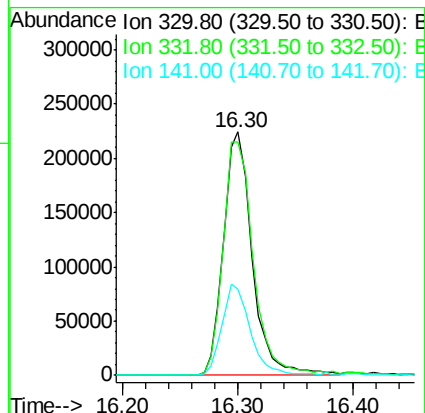
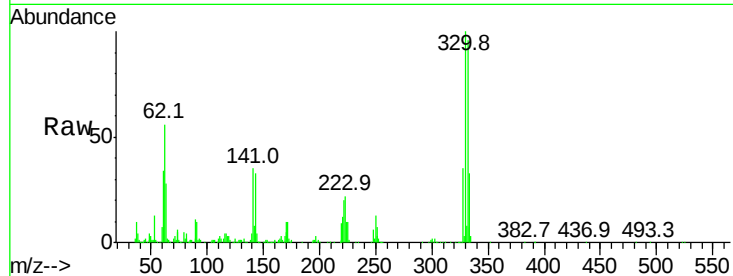




#41
 2,4,6-Tribromophenol
 Concen: 139.72 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025561.D
 Acq: 21 Jan 2017 6:44

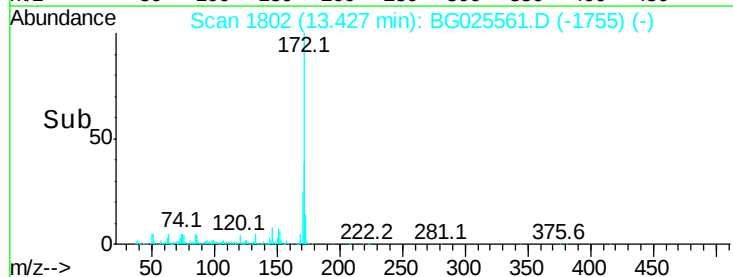
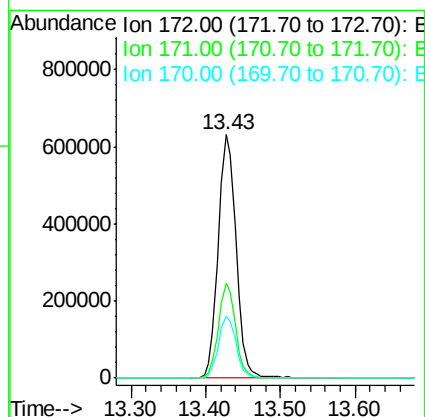
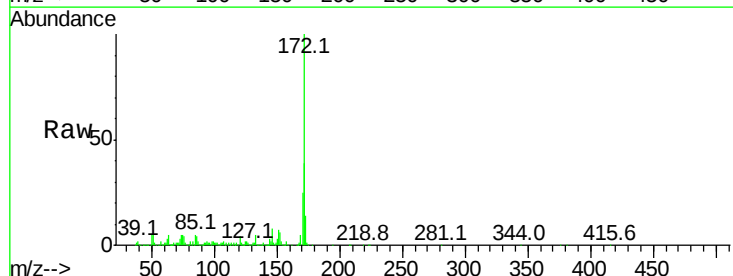
Instrument :
 BNA_G
 ClientSampleId :
 MH-2-0-12FT-COMP

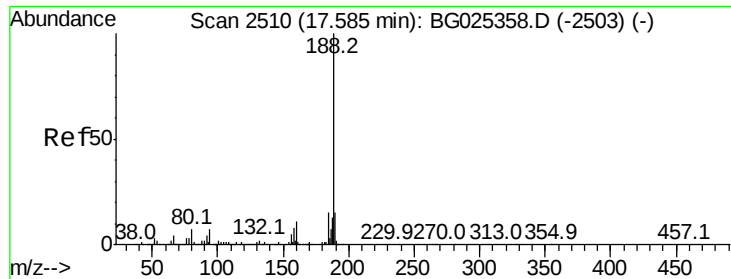
Tot Ion:330 Resp: 388322
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.3 115.9
 141 36.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 98.58 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025561.D
 Acq: 21 Jan 2017 6:44

Tgt Ion:172 Resp: 1051173
 Ion Ratio Lower Upper
 172 100
 171 38.8 32.2 48.2
 170 25.4 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: BG025561.D

Acq: 21 Jan 2017 6:44

Instrument :

BNA_G

ClientSampleId :

MH-2-0-12FT-COMP

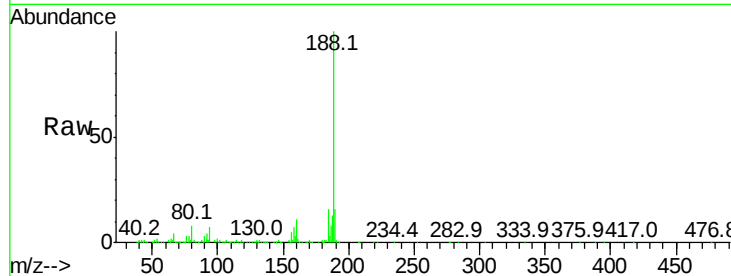
Tot Ion:188 Resp: 407848

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

80 8.4 7.5 11.3

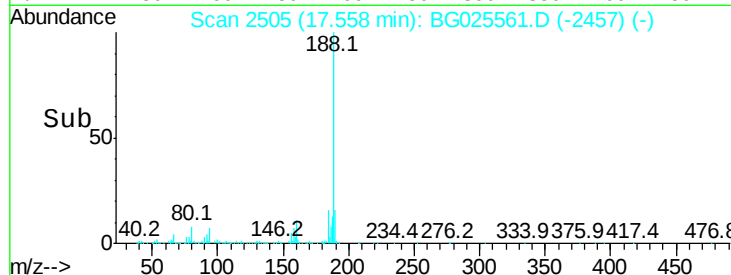


Abundance Ion 188.00 (187.70 to 188.70): E

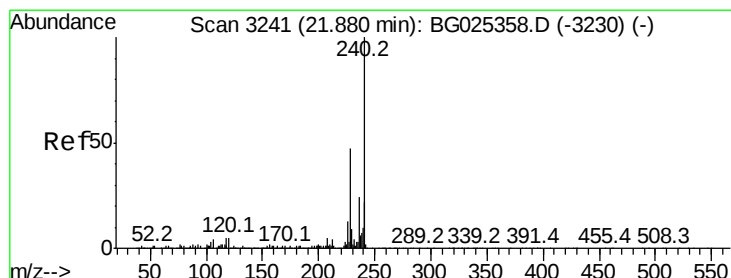
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025561.D

Acq: 21 Jan 2017 6:44

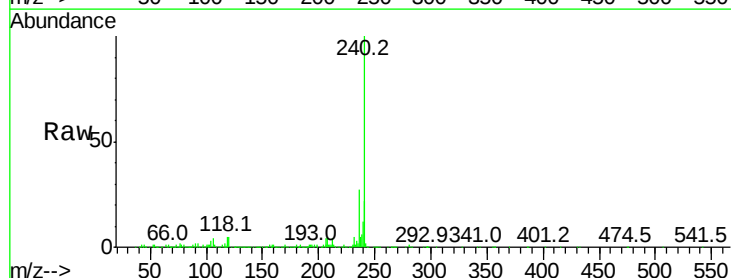
Tgt Ion:240 Resp: 626845

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

236 26.7 22.2 33.4

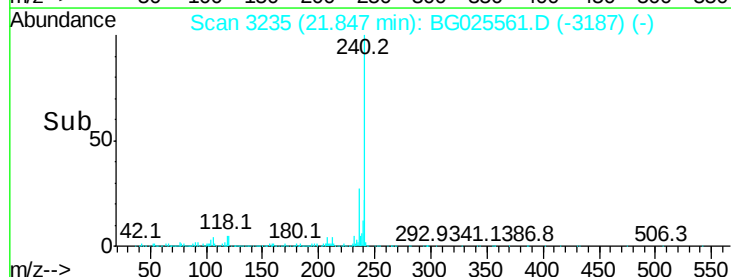


Abundance Ion 240.00 (239.70 to 240.70): E

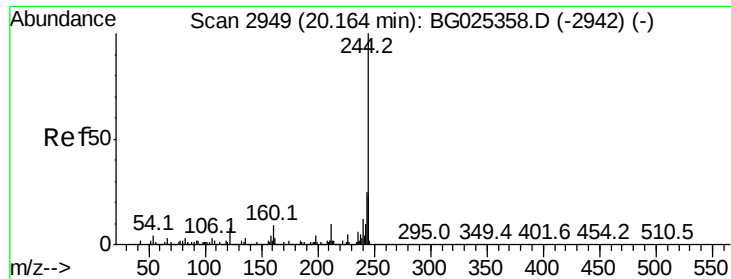
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 95.19 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025561.D

Acq: 21 Jan 2017 6:44

Instrument :

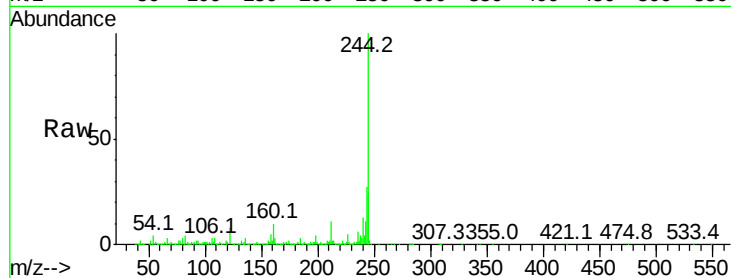
BNA_G

ClientSampleId :

MH-2-0-12FT-COMP

Tot Ion:244 Resp: 2250545

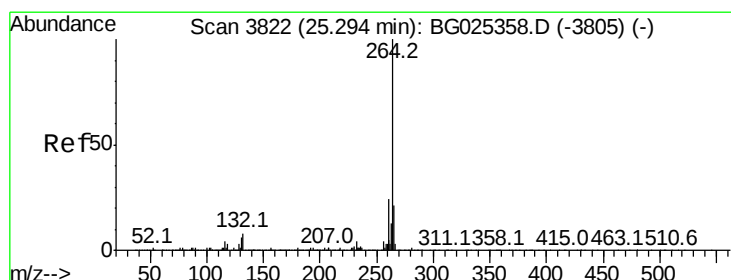
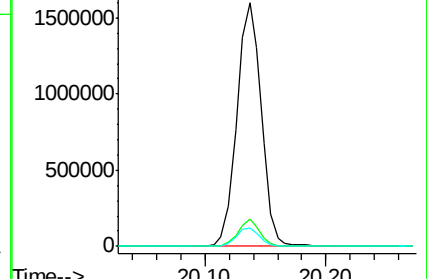
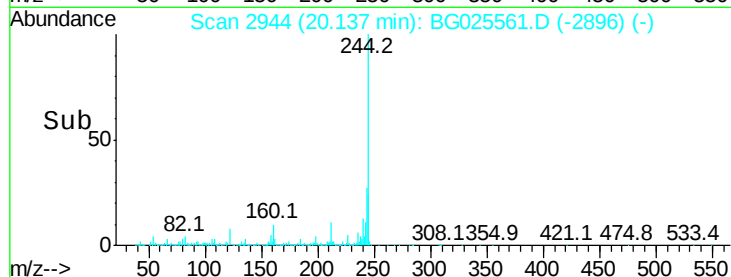
Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	7.5	8.6	12.8#



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: 20.00 ng

RT: 25.23 min Scan# 3811

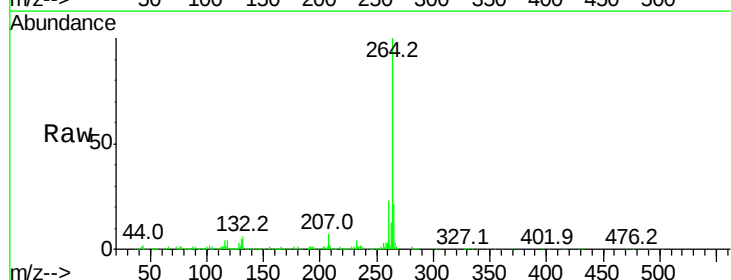
Delta R.T. -0.03 min

Lab File: BG025561.D

Acq: 21 Jan 2017 6:44

Tgt Ion:264 Resp: 683494

Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	21.3	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

