

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 22 23:56:12 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

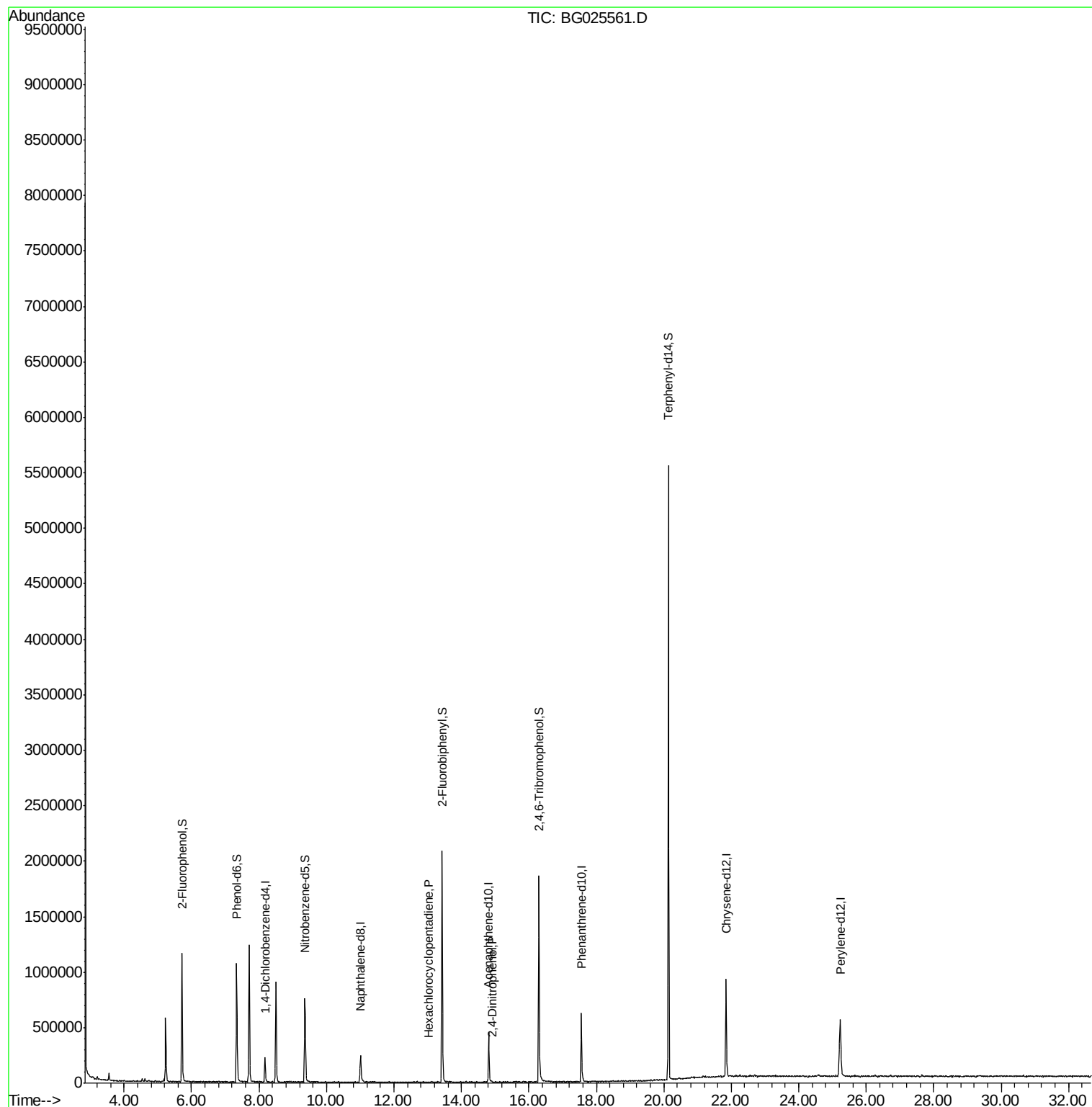
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	59041	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	221649	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	172628	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	407848	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	626845	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						
40) Hexachlorocyclopentadiene	13.02	237	60	8.54	ng	# 29
53) 2,4-Dinitrophenol	14.91	184	65	5.11	ng	# 15

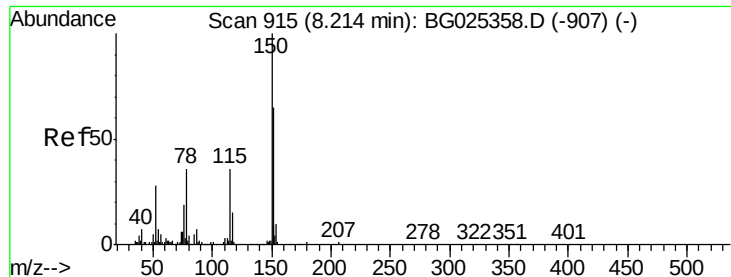
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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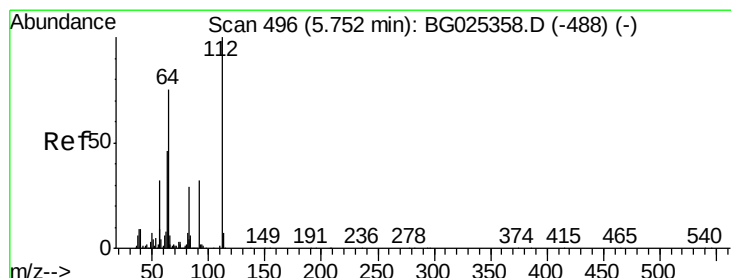
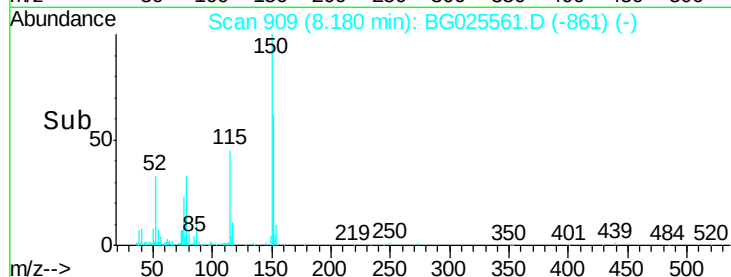
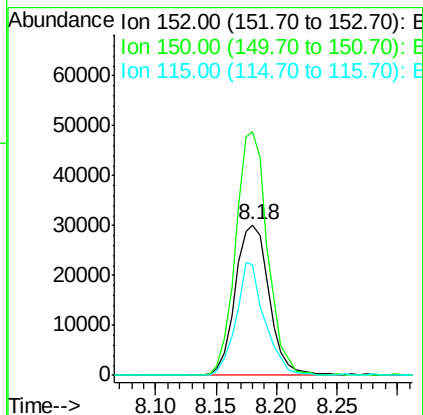
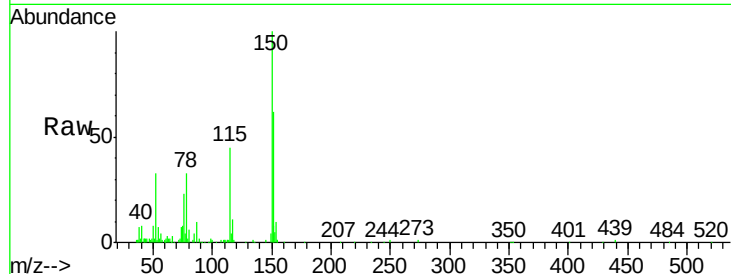


#1

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

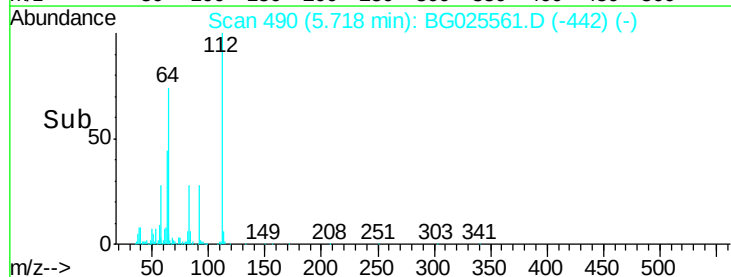
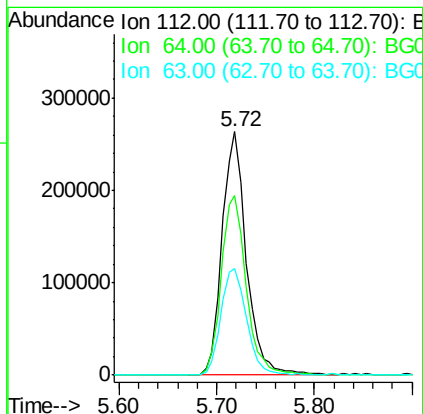
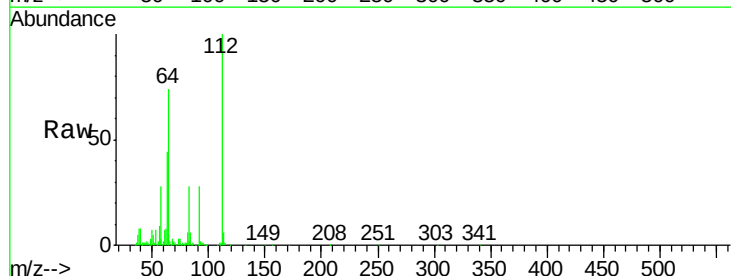
Tgt Ion:152 Resp: 59041
Ion Ratio Lower Upper
152 100
150 162.0 114.0 171.0
115 73.5 48.1 72.1#

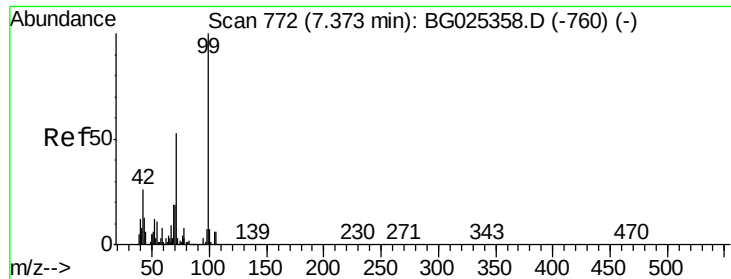


#5

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





#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

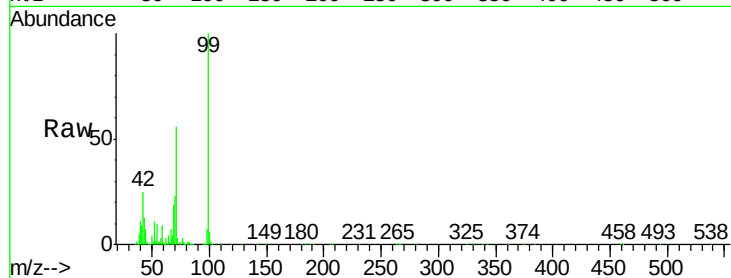
Tgt Ion: 99 Resp: 573057

Ion Ratio Lower Upper

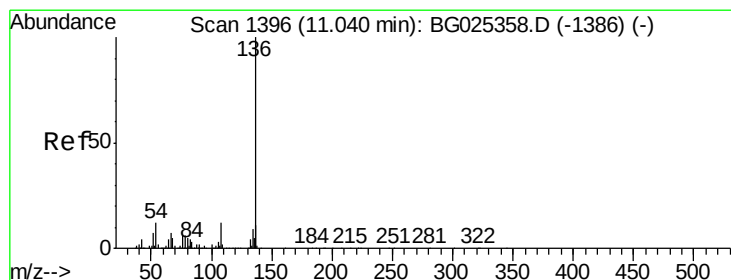
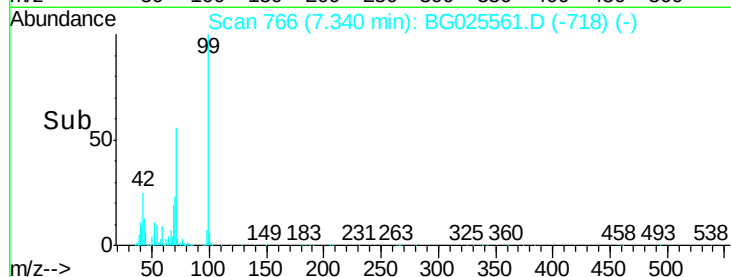
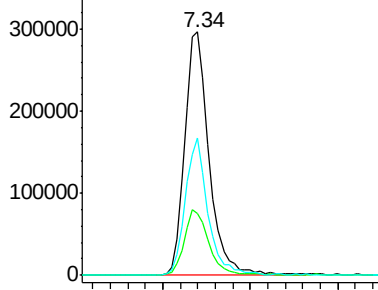
99 100

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

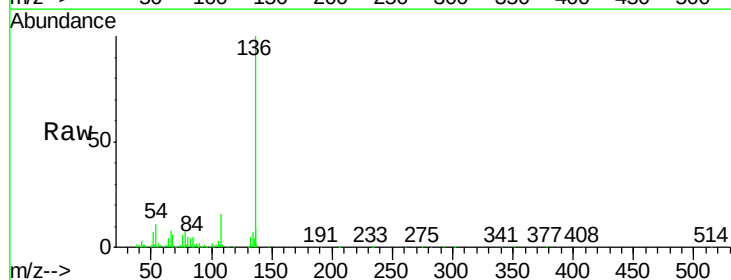
Ion Ratio Lower Upper

136 100

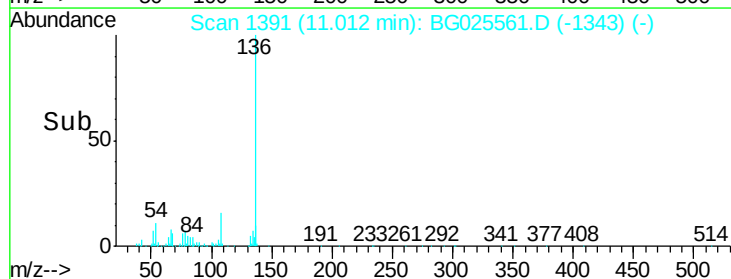
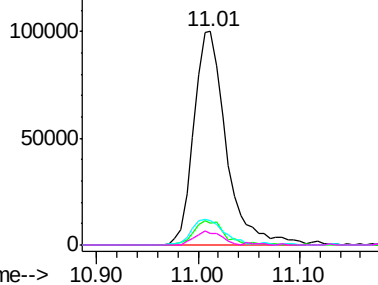
137 10.1 8.9 13.3

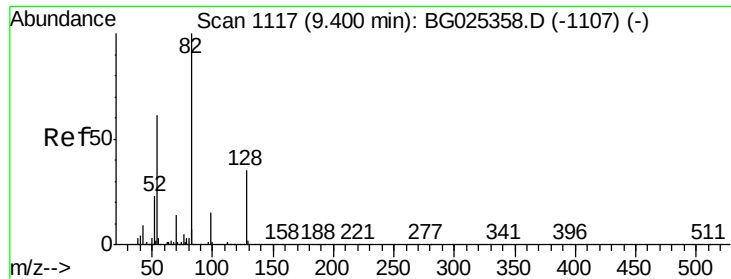
54 11.1 9.3 13.9

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

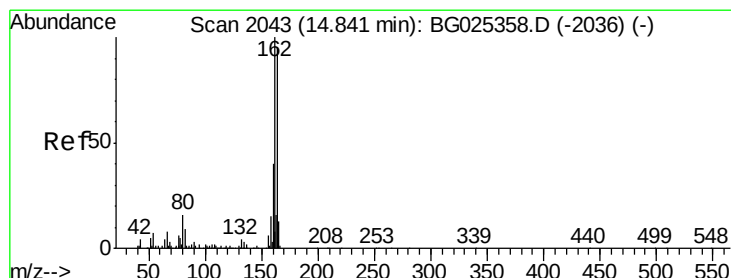
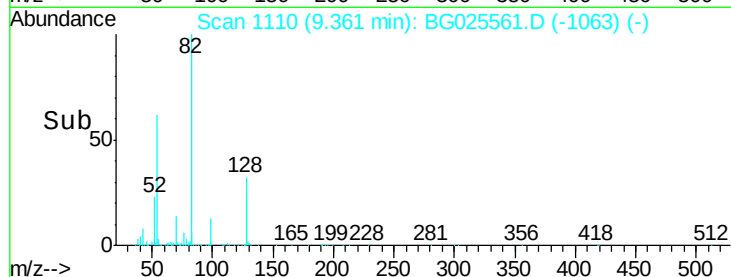
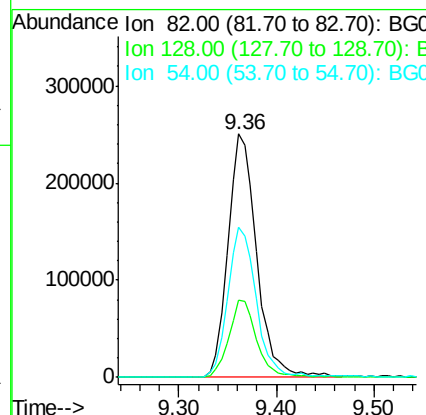
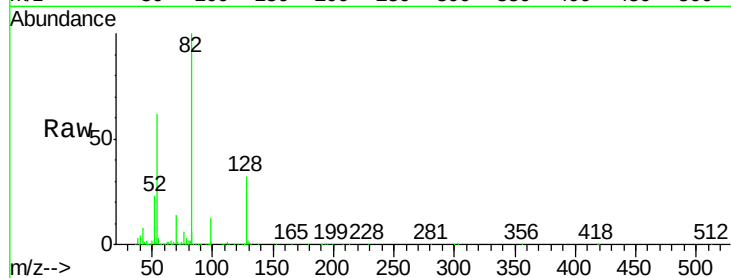




#23
 Nitrobenzene-d5
 Concen: 101.63 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025561.D
 Acq: 21 Jan 2017 6:44

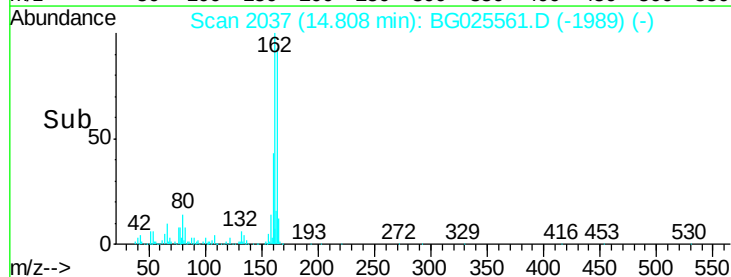
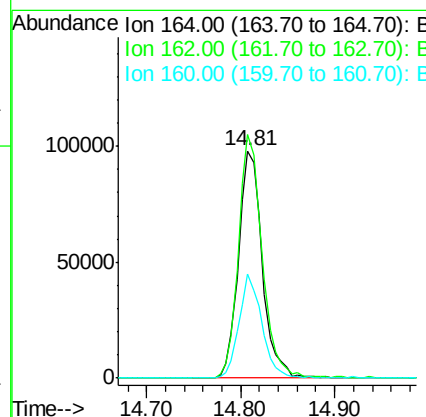
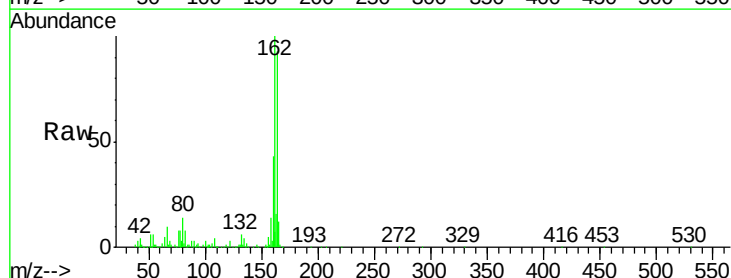
Instrument :
 BNA_G
 ClientSampleId :
 MH-2-0-12FT-COMP

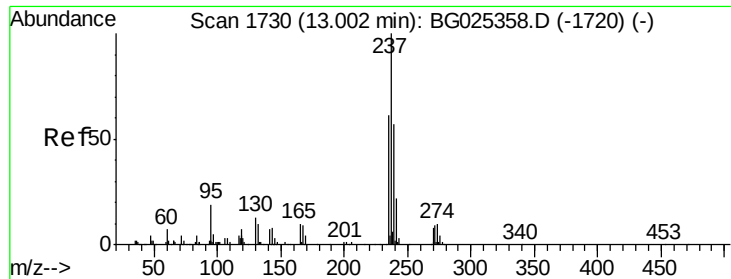
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.6	26.4	39.6
54	61.6	49.4	74.2



#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





#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 13.02 min Scan# 1733

Delta R.T. 0.03 min

Lab File: BG025561.D

Acq: 21 Jan 2017 6:44

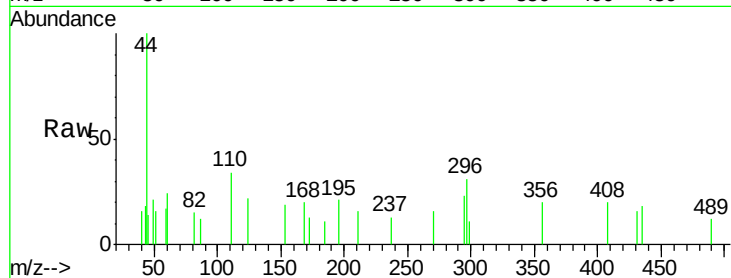
Instrument :

BNA_G

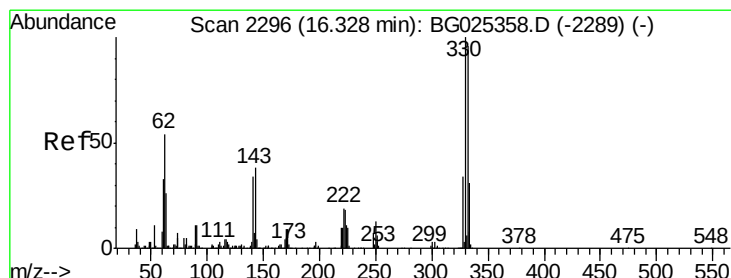
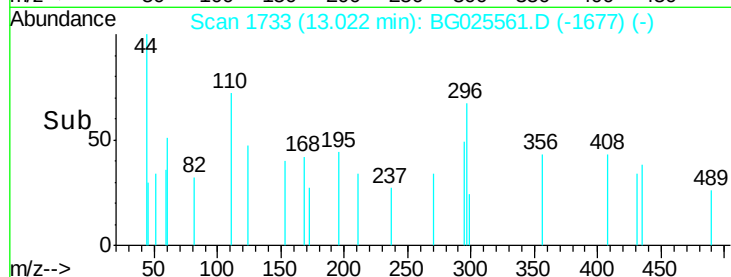
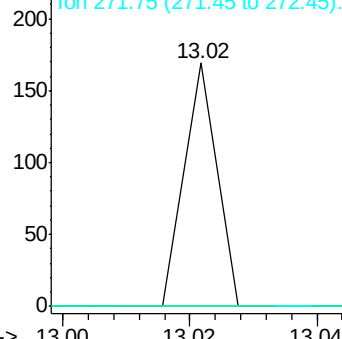
ClientSampleId :

MH-2-0-12FT-COMP

Tgt Ion:	237	Resp:	60
Ion Ratio	Lower	Upper	
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 139.72 ng

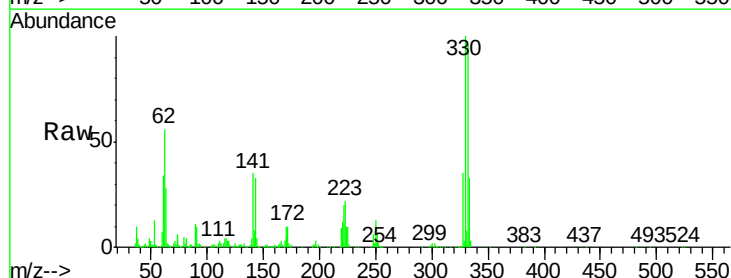
RT: 16.30 min Scan# 2291

Delta R.T. -0.02 min

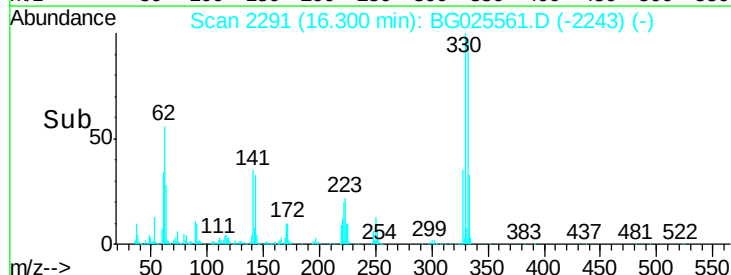
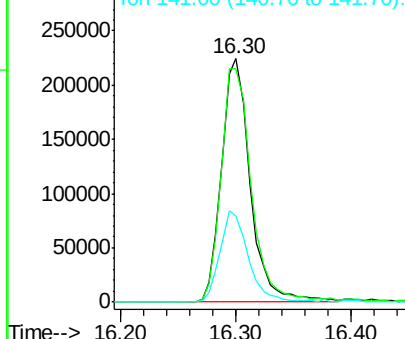
Lab File: BG025561.D

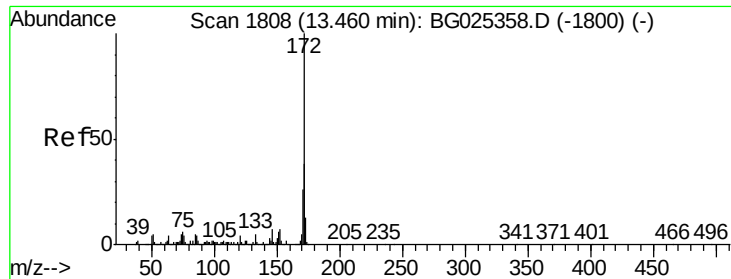
Acq: 21 Jan 2017 6:44

Tgt Ion:	330	Resp:	388322
Ion Ratio	Lower	Upper	
330	100		
332	102.9	77.3	115.9
141	36.7	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

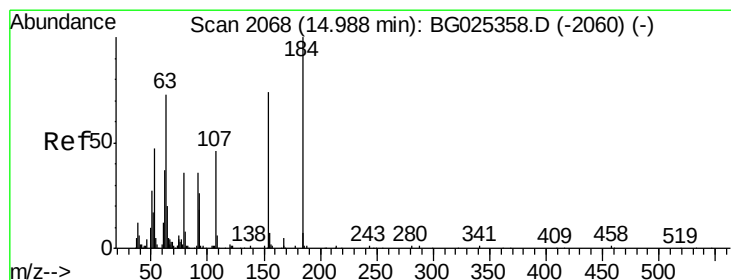
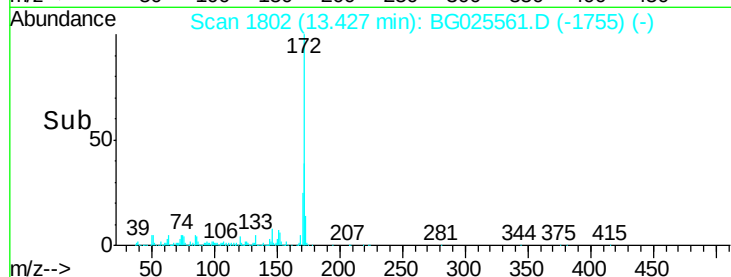
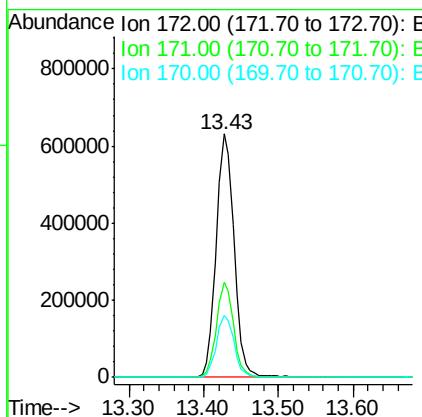
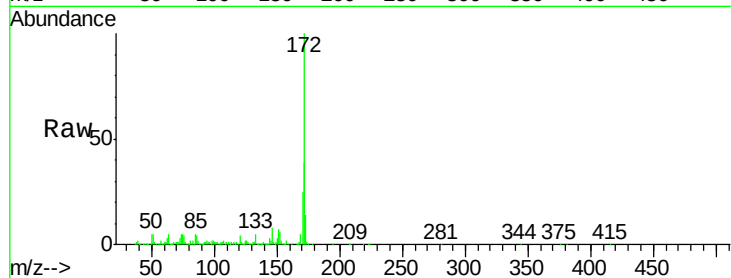




#44
2-Fluorobiphenyl
Concen: 98.58 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025561.D
Acq: 21 Jan 2017 6:44

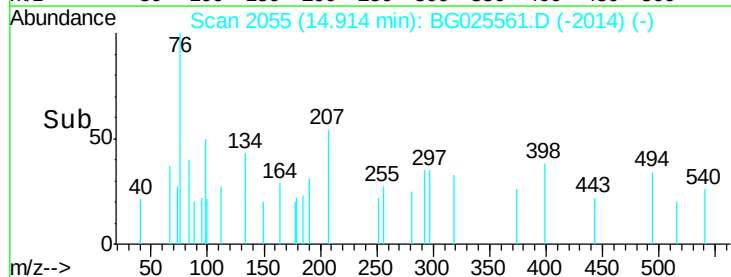
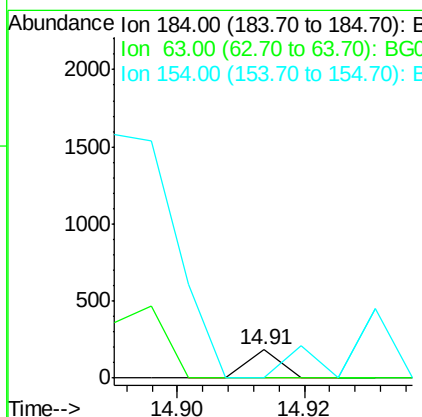
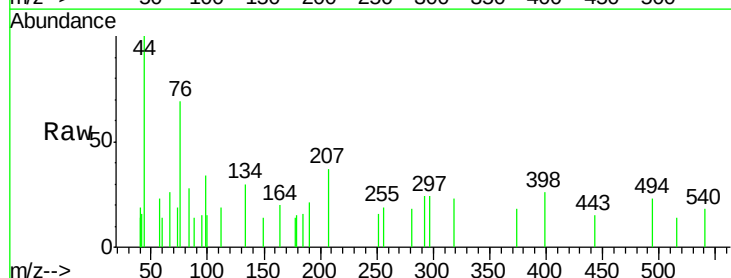
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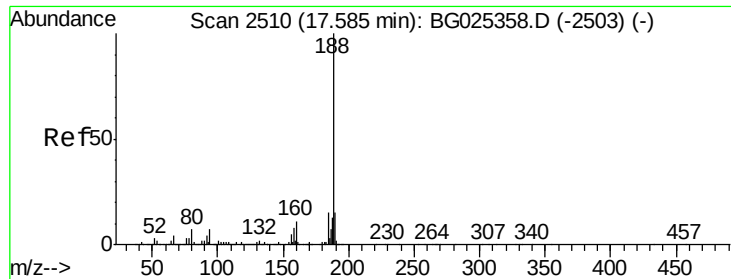
Tgt Ion:172 Resp: 1051173
Ion Ratio Lower Upper
172 100
171 38.8 32.2 48.2
170 25.4 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 14.91 min Scan# 2055
Delta R.T. -0.06 min
Lab File: BG025561.D
Acq: 21 Jan 2017 6:44

Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

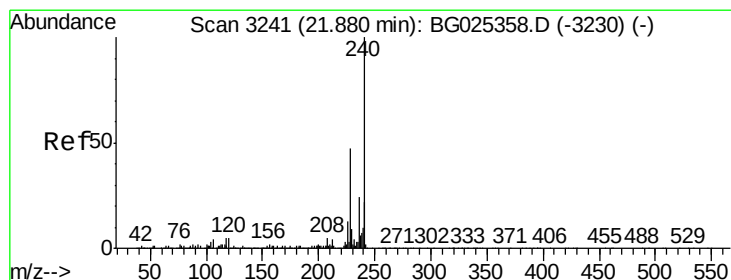
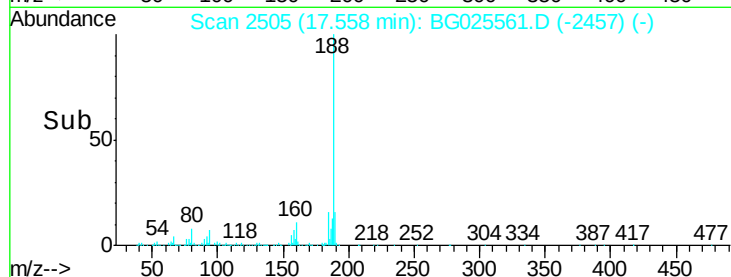
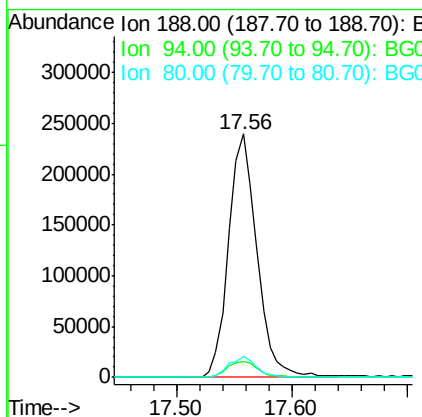
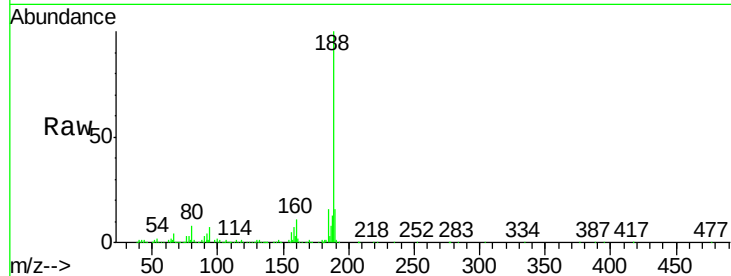




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025561.D
Acq: 21 Jan 2017 6:44

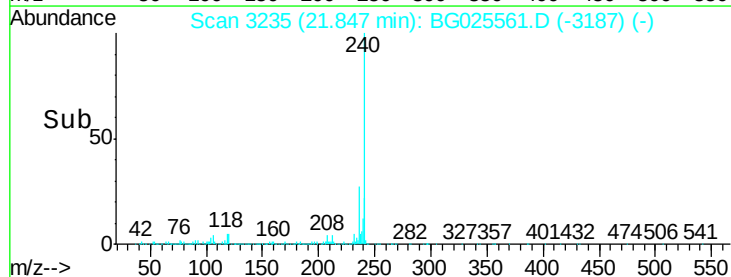
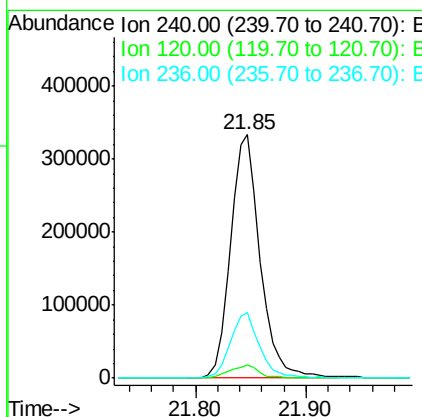
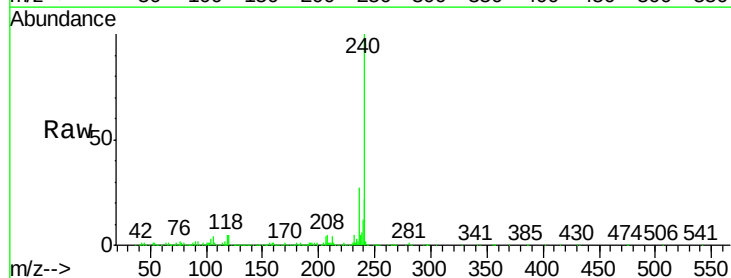
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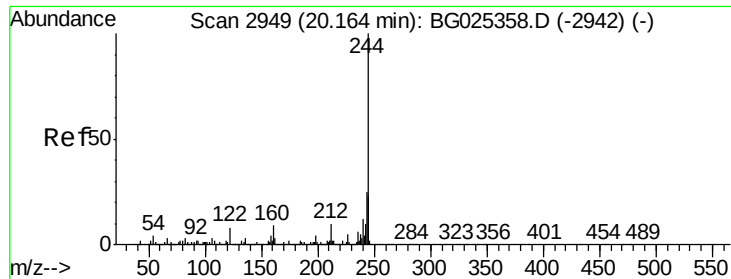
Tgt Ion:188 Resp: 407848
Ion Ratio Lower Upper
188 100
94 6.6 5.8 8.8
80 8.4 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.02 min
Lab File: 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





#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

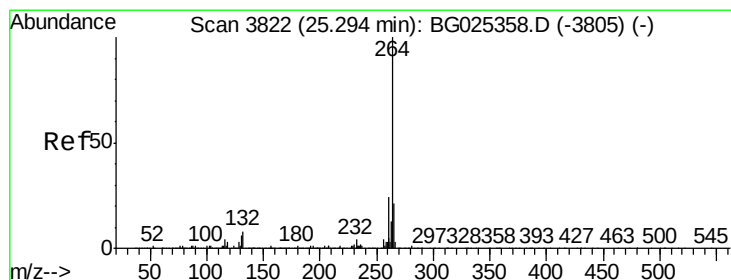
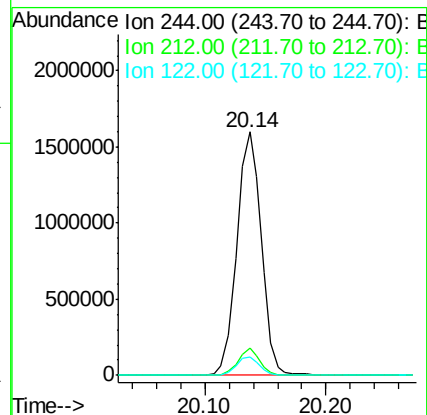
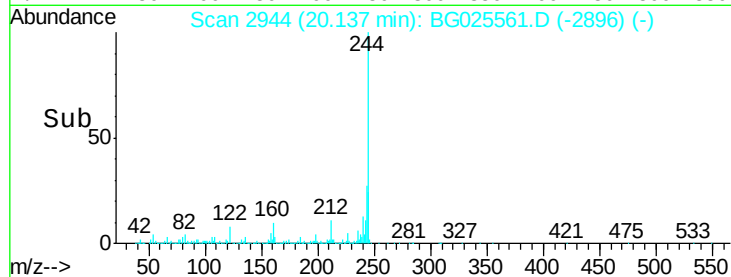
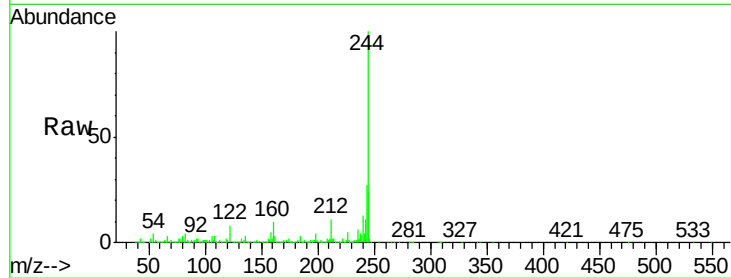
Tgt Ion:244 Resp: 2250545

Ion Ratio Lower Upper

244 100

212 11.0 10.0 15.0

122 7.5 8.6 12.8#



#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

