

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
 Data File : BG025438.D
 Acq On : 9 Jan 2017 20:12
 Operator : UM/SJ
 Sample : I1064-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5-6-COMP11

Quant Time: Jan 10 00:03:49 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

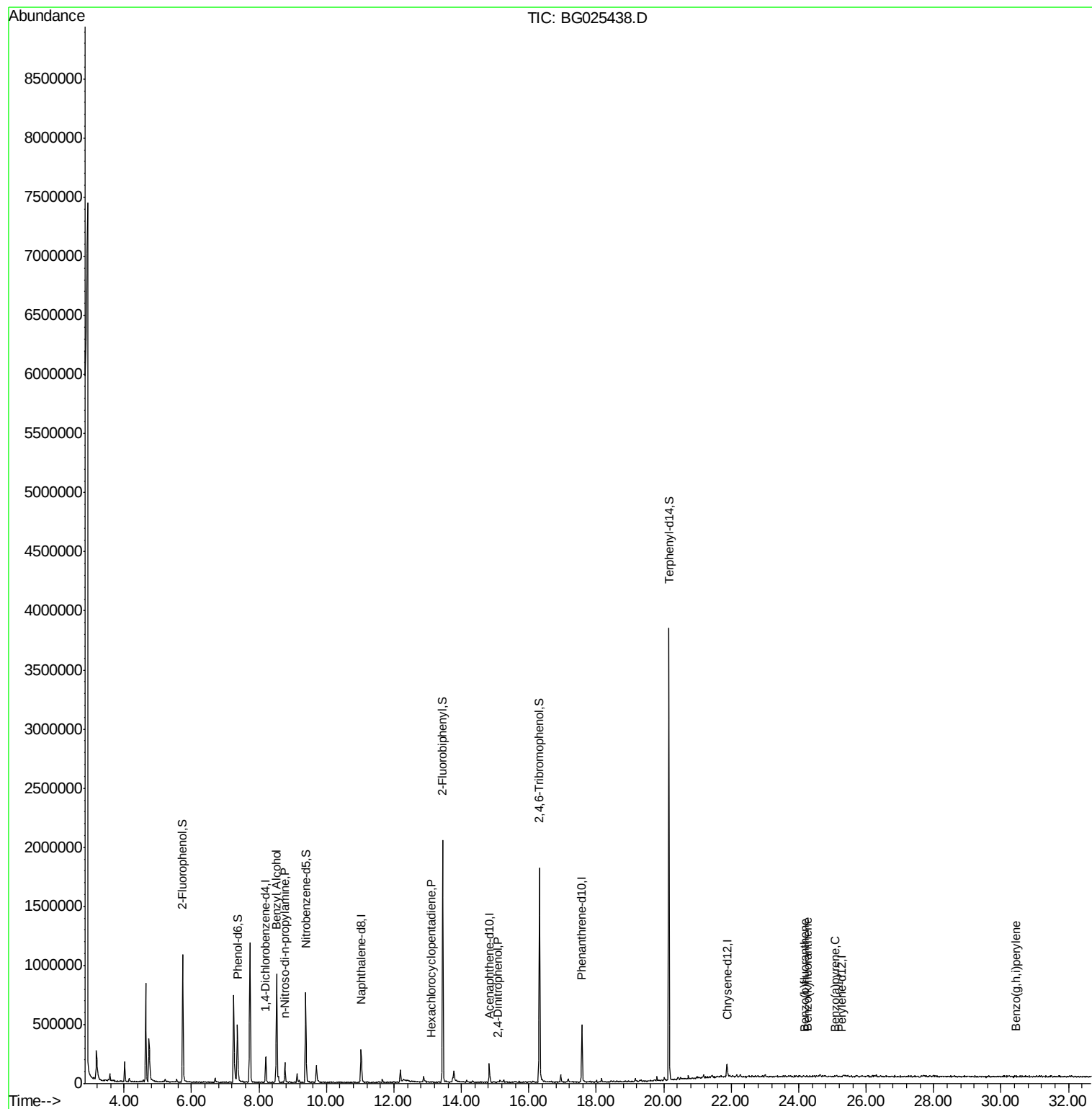
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	54883	20.00	ng	-0.02
21) Naphthalene-d8	11.03	136	213744	20.00	ng	-0.01
38) Acenaphthene-d10	14.83	164	49258	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	265589	20.00	ng	-0.01
75) Chrysene-d12	21.87	240	45621	20.00	ng	0.00
86) Perylene-d12	25.28	264	1087	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	422380	139.89	ng	-0.01
7) Phenol-d6	7.36	99	226476	53.26	ng	-0.01
23) Nitrobenzene-d5	9.38	82	497707	102.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	369770	466.28	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	1041122	342.19	ng	-0.01
78) Terphenyl-d14	20.15	244	1315194	764.37	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.52	79	9218	2.27	ng	# 47
19) n-Nitroso-di-n-propylamine	8.76	70	20905	5.82	ng	# 72
40) Hexachlorocyclopentadiene	13.12	237	53	8.59	ng	# 29
53) 2,4-Dinitrophenol	15.08	184	59	5.19	ng	# 15
87) Benzo(b)fluoranthene	24.18	252	275	4.64	ng	# 45
88) Benzo(k)fluoranthene	24.25	252	243	4.24	ng	# 47
89) Benzo(a)pyrene	25.10	252	253	4.42	ng	# 1
91) Benzo(g,h,i)perylene	30.46	276	294	4.87	ng	# 59

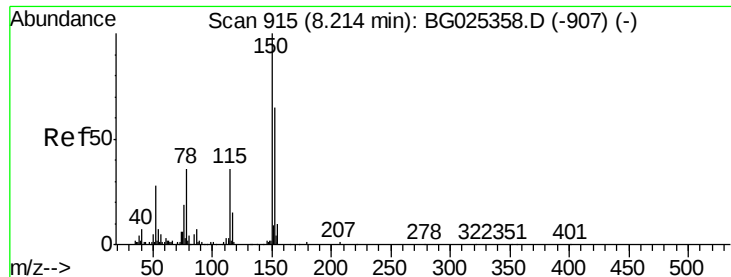
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 912

Delta R.T. -0.02 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

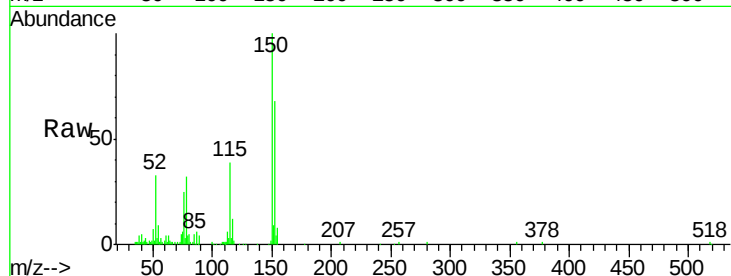
Tgt Ion:152 Resp: 54883

Ion Ratio Lower Upper

152 100

150 146.0 114.0 171.0

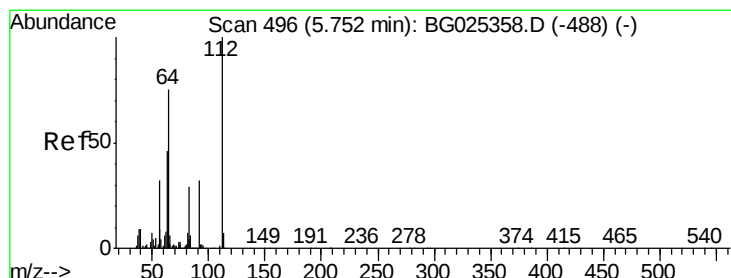
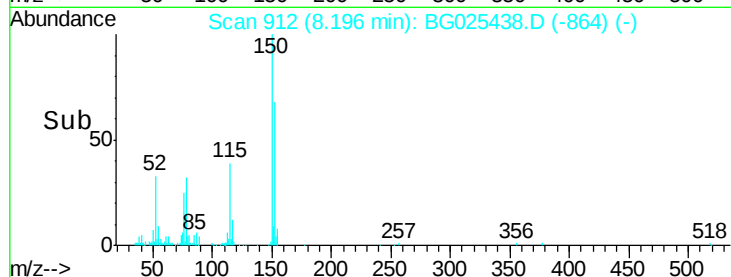
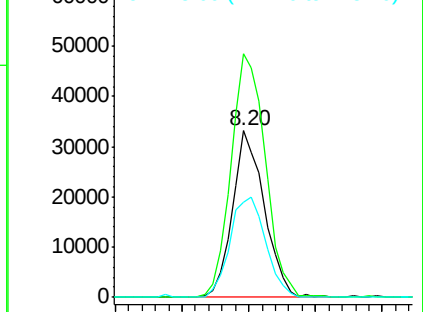
115 57.4 48.1 72.1



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: 139.89 ng

RT: 5.74 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

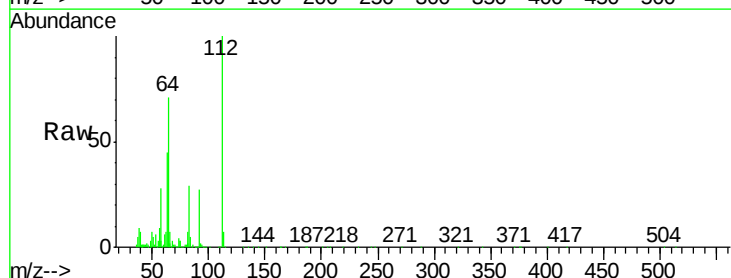
Tgt Ion:112 Resp: 422380

Ion Ratio Lower Upper

112 100

64 71.3 61.8 92.6

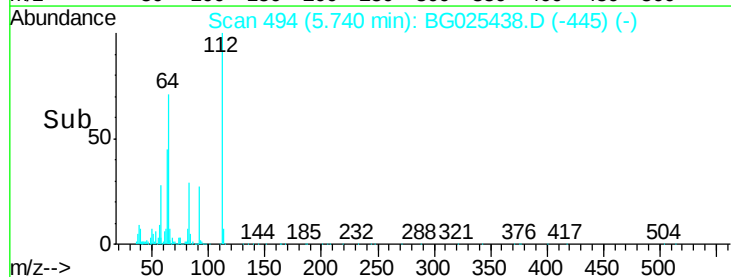
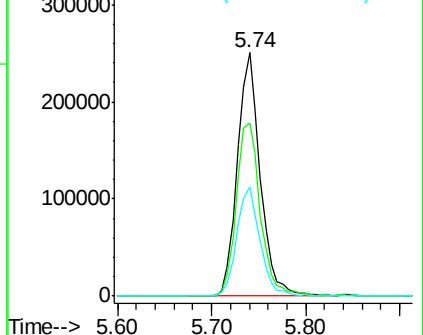
63 44.9 37.2 55.8

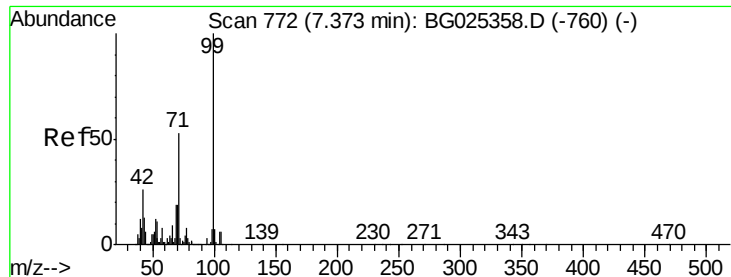


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 53.26 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

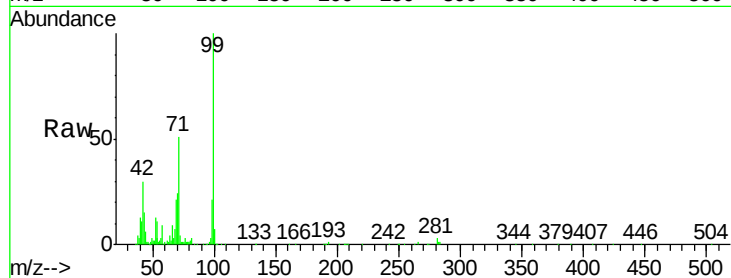
Tgt Ion: 99 Resp: 226476

Ion Ratio Lower Upper

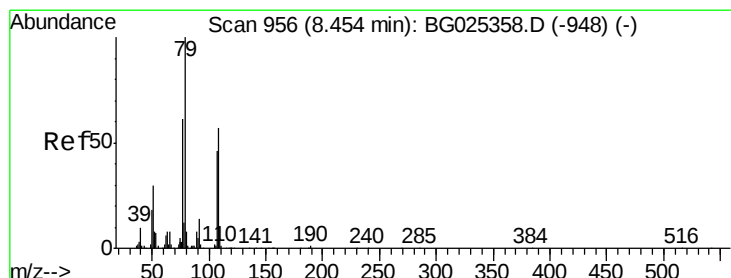
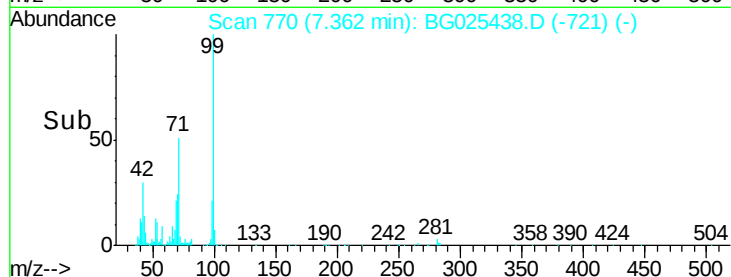
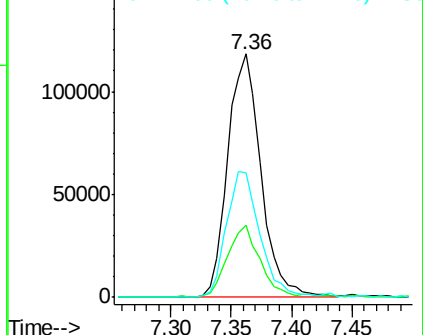
99 100

42 29.5 20.5 30.7

71 51.3 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



#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.06 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

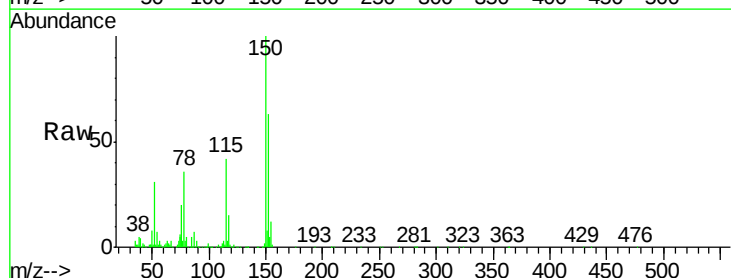
Tgt Ion: 79 Resp: 9218

Ion Ratio Lower Upper

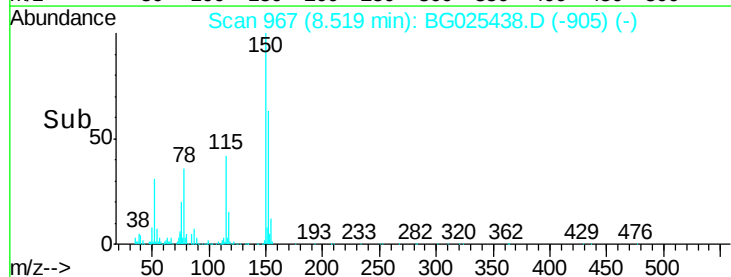
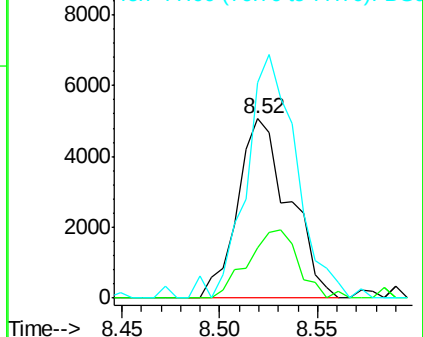
79 100

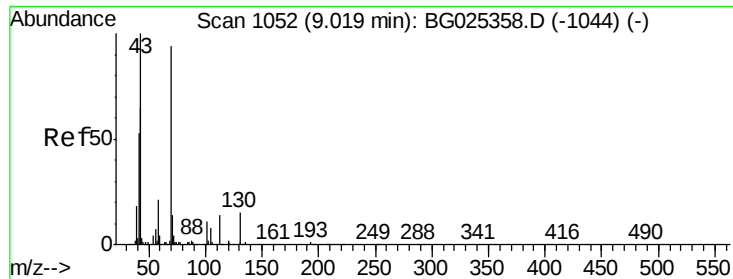
108 28.3 45.5 68.3#

77 120.0 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

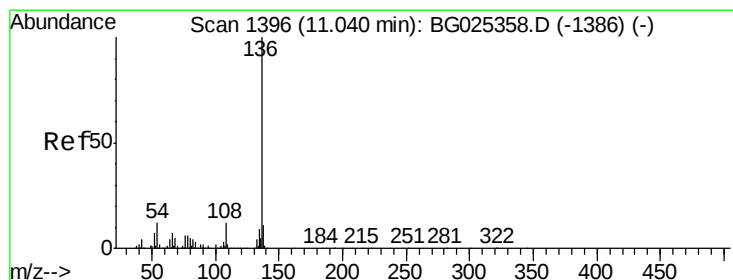
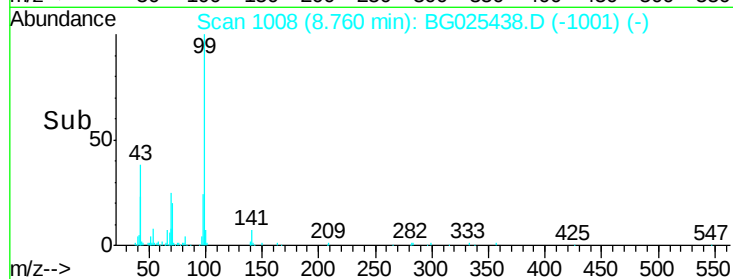
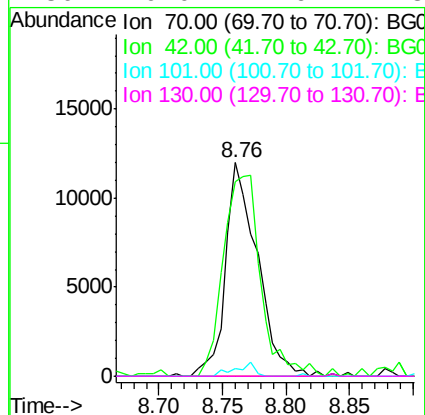
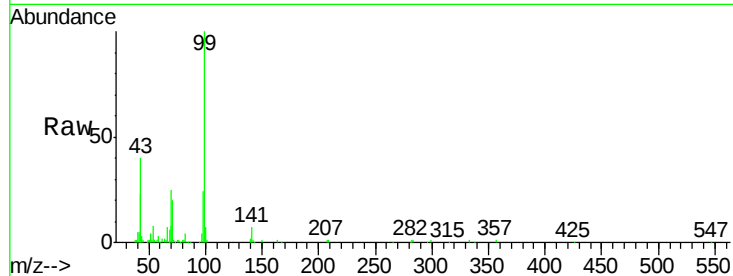




#19
n-Nitroso-di-n-propylamine
Concen: 5.82 ng
RT: 8.76 min Scan# 1008
Delta R.T. -0.26 min
Lab File: BG025438.D
Acq: 9 Jan 2017 20:12

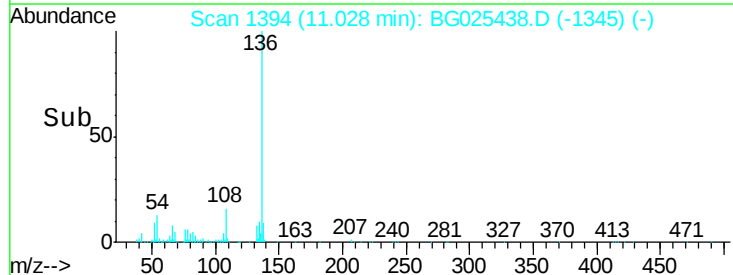
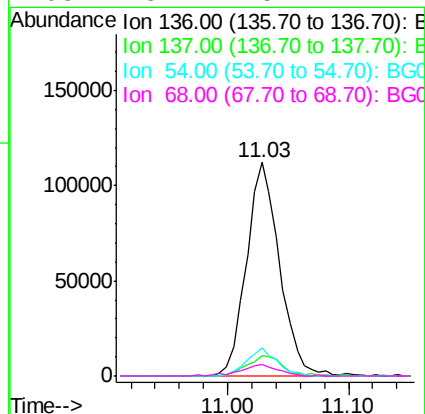
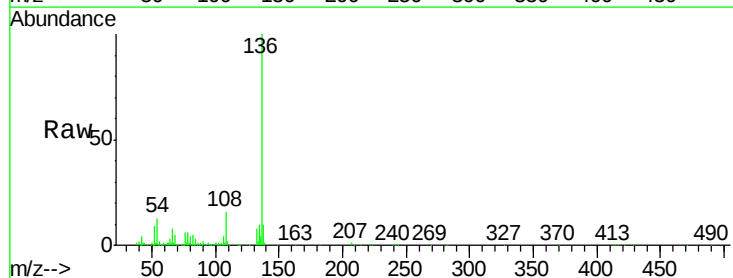
Instrument :
BNA_G
ClientSampleId :
TP5-6-COMP11

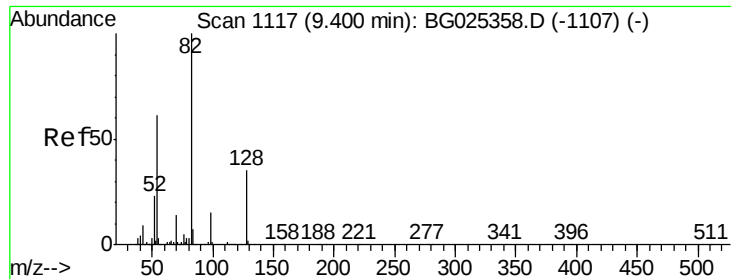
Tgt Ion:	70	Resp:	20905
Ion	Ratio	Lower	Upper
70	100		
42	91.0	56.1	84.1#
101	3.3	7.5	11.3#
130	0.0	14.6	21.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG025438.D
Acq: 9 Jan 2017 20:12

Tgt Ion:	136	Resp:	213744
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.9	13.3
54	13.1	9.3	13.9
68	5.4	5.1	7.7

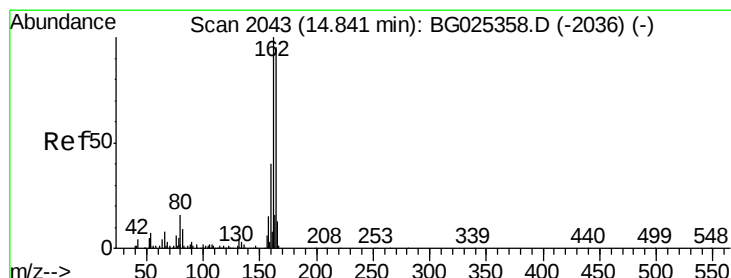
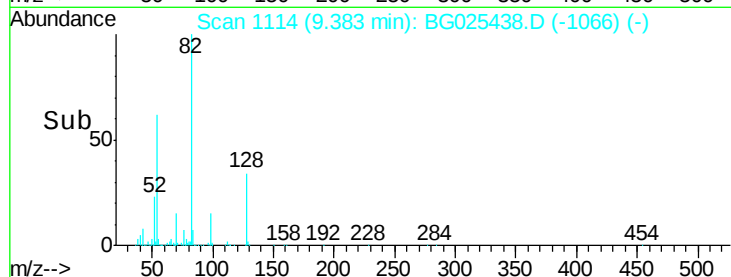
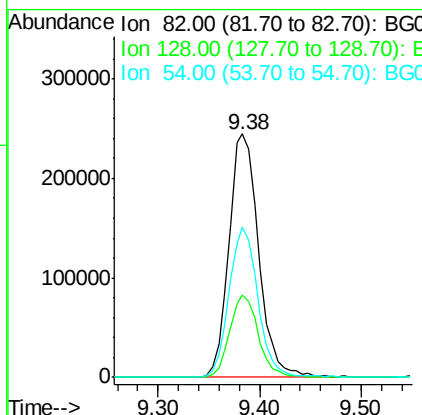
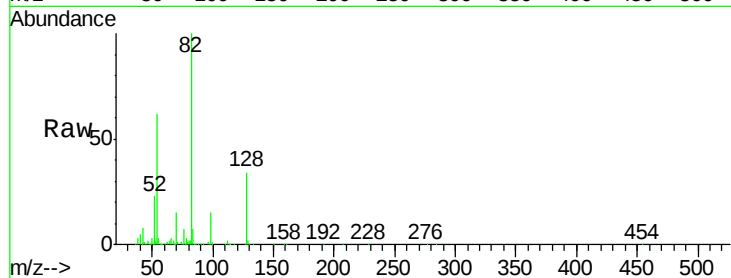




#23
 Nitrobenzene-d5
 Concen: 102.87 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.02 min
 Lab File: BG025438.D
 Acq: 9 Jan 2017 20:12

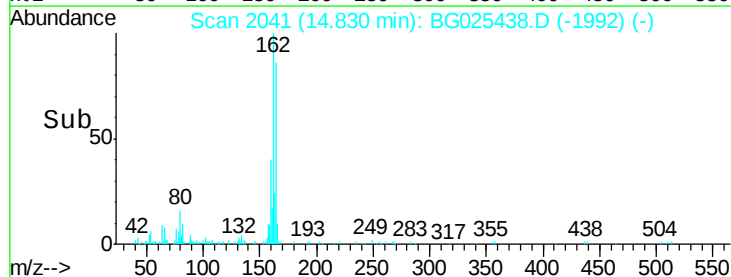
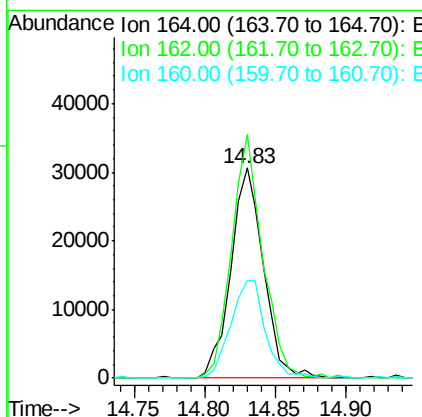
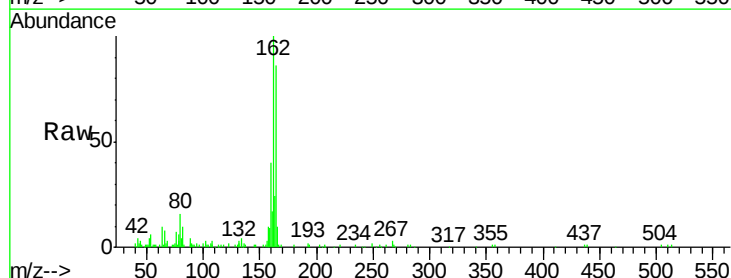
Instrument :
 BNA_G
 ClientSampleId :
 TP5-6-COMP11

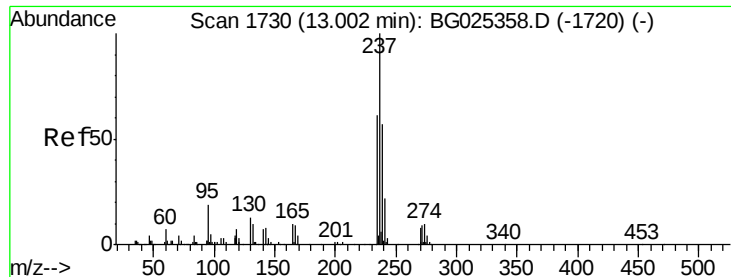
Tgt Ion: 82 Resp: 497707
 Ion Ratio Lower Upper
 82 100
 128 33.6 26.4 39.6
 54 61.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG025438.D
 Acq: 9 Jan 2017 20:12

Tgt Ion: 164 Resp: 49258
 Ion Ratio Lower Upper
 164 100
 162 116.0 85.1 127.7
 160 46.3 34.7 52.1





#40

Hexachlorocyclopentadiene

Concen: 8.59 ng

RT: 13.12 min Scan# 1750

Delta R.T. 0.12 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

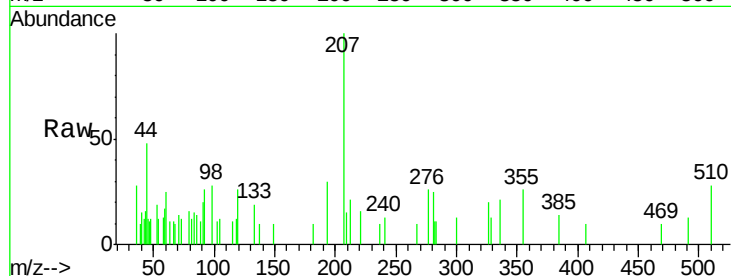
Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

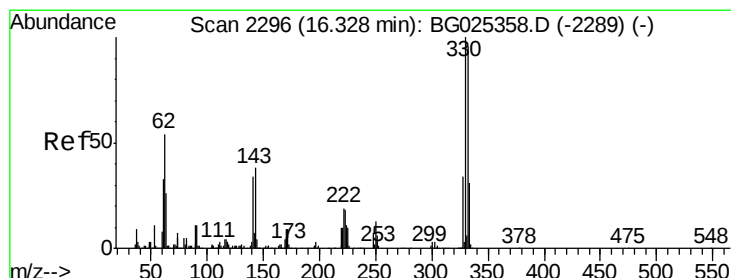
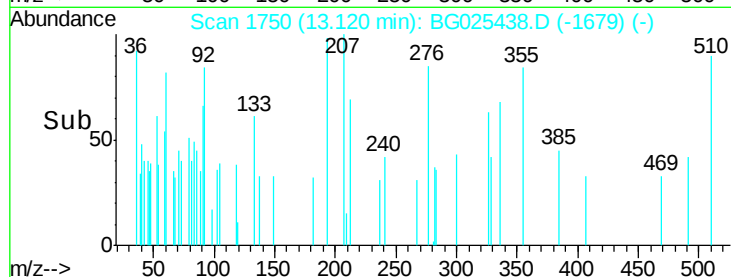
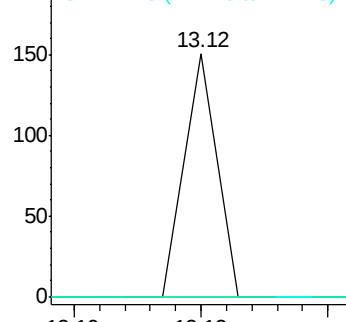
Tgt Ion:	237	Resp:	53
Ion Ratio	Lower	Upper	
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



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: 466.28 ng

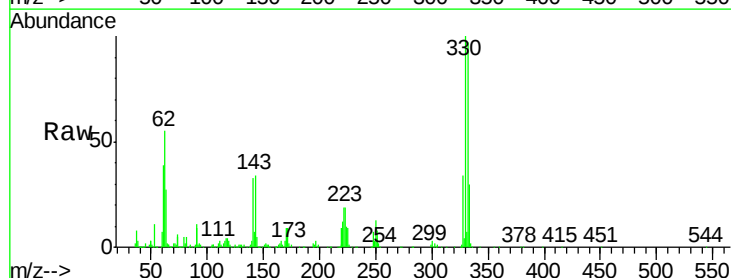
RT: 16.32 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

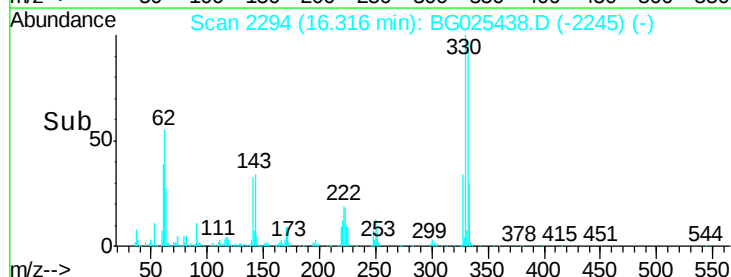
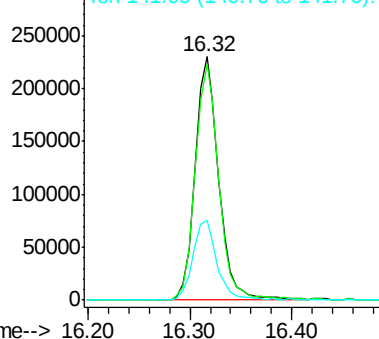
Tgt Ion:	330	Resp:	369770
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.3	115.9
141	33.3	32.1	48.1

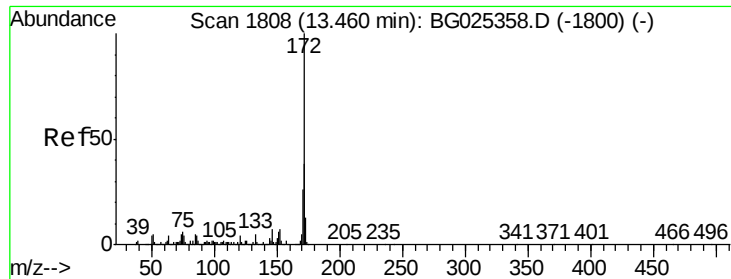


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

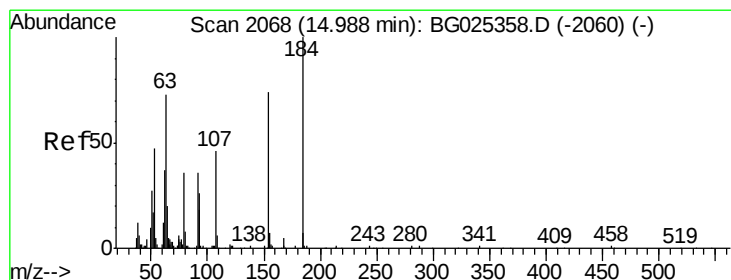
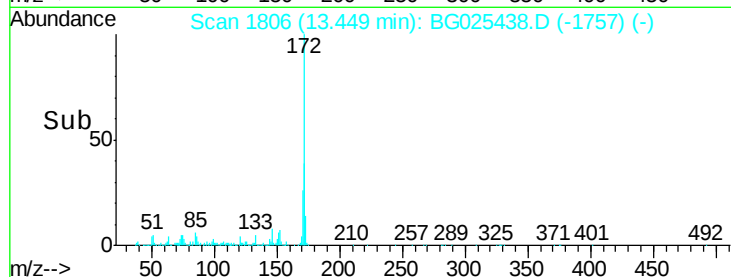
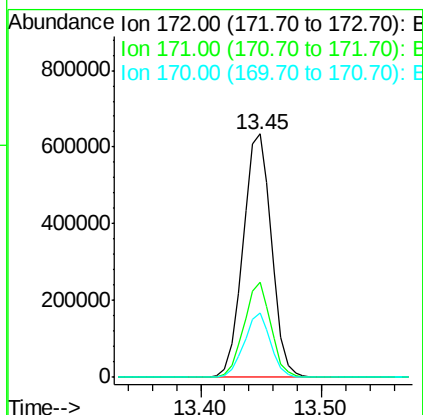
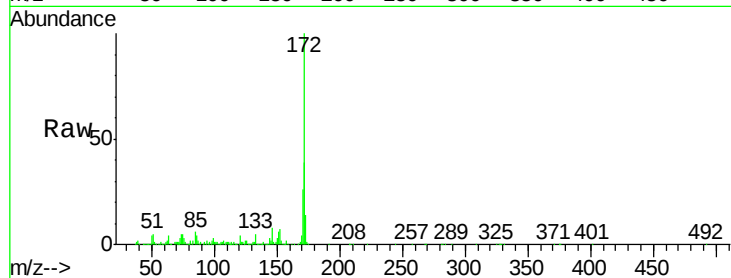




#44
2-Fluorobiphenyl
Concen: 342.19 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG025438.D
Acq: 9 Jan 2017 20:12

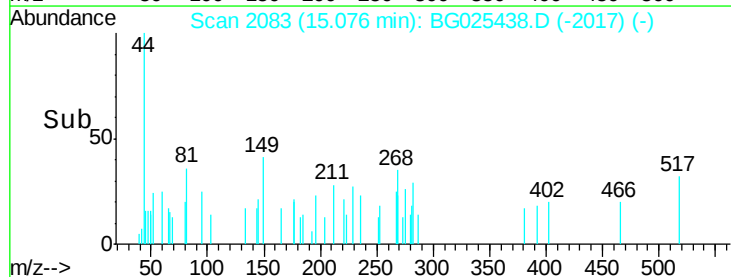
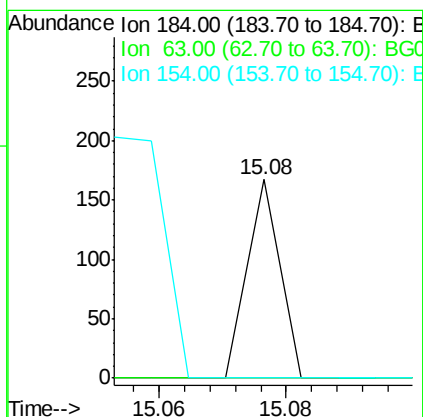
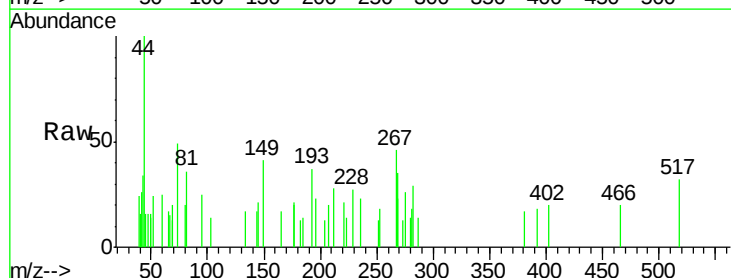
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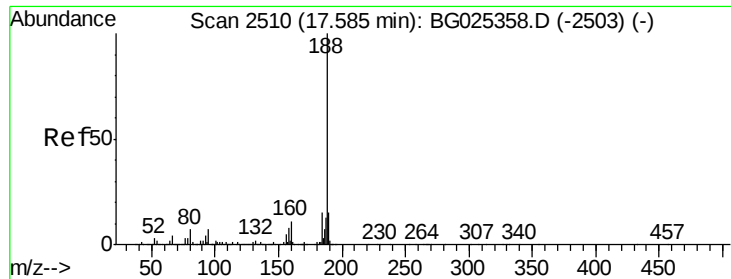
Tgt Ion:172 Resp: 1041122
Ion Ratio Lower Upper
172 100
171 39.2 32.2 48.2
170 26.4 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 5.19 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.09 min
Lab File: BG025438.D
Acq: 9 Jan 2017 20:12

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

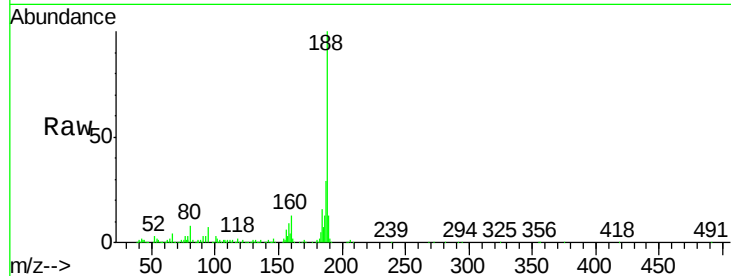




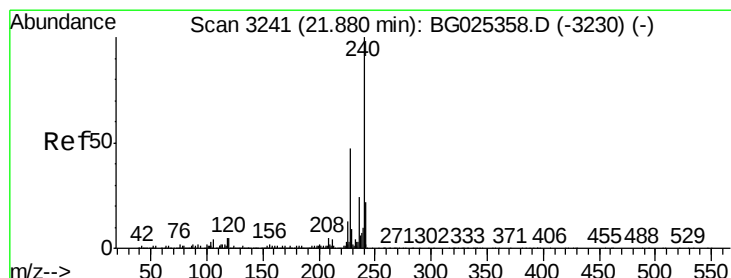
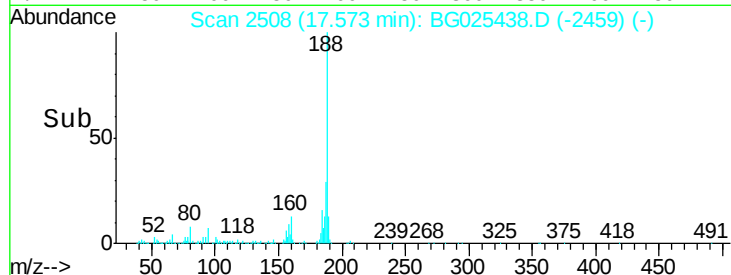
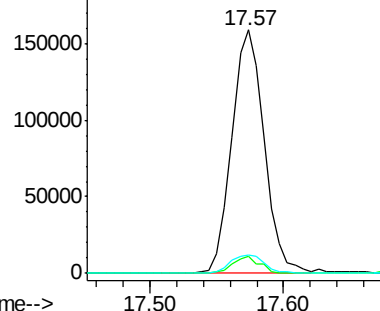
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG025438.D
Acq: 9 Jan 2017 20:12

Instrument :
BNA_G
ClientSampleId :
TP5-6-COMP11

Tgt Ion:188 Resp: 265589
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 7.7 7.5 11.3

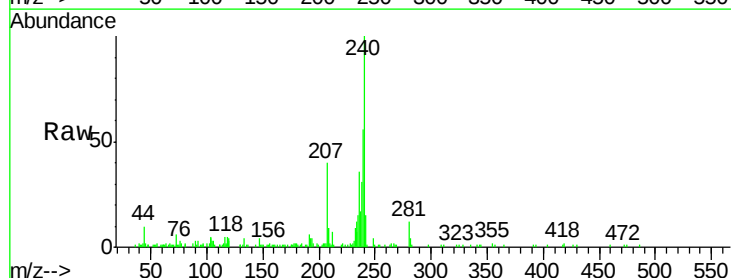


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

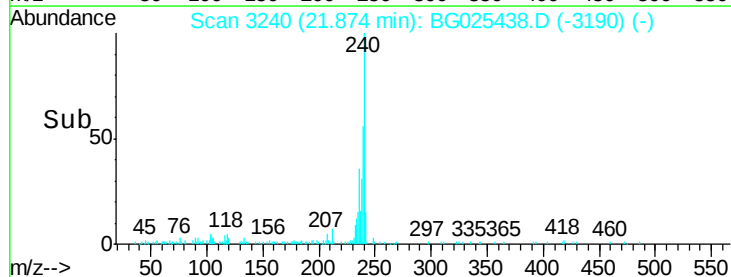
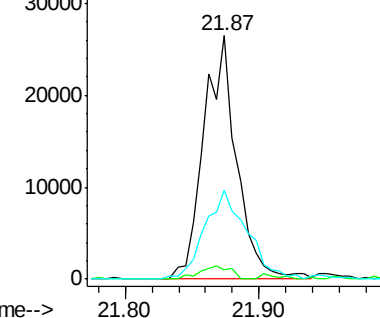


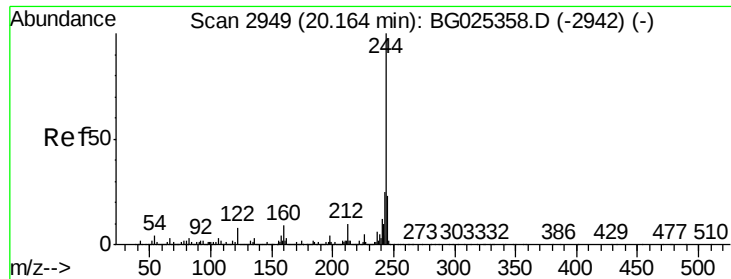
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025438.D
Acq: 9 Jan 2017 20:12

Tgt Ion:240 Resp: 45621
Ion Ratio Lower Upper
240 100
120 4.0 5.7 8.5#
236 36.3 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: 764.37 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

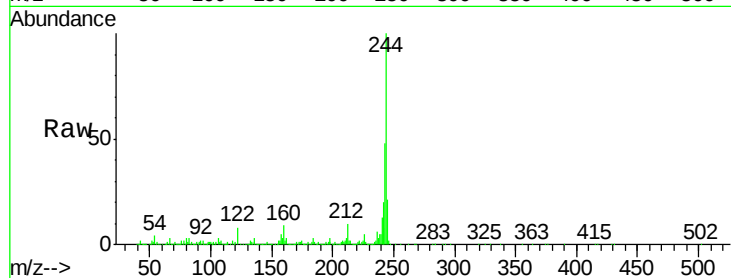
Tgt Ion:244 Resp: 1315194

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

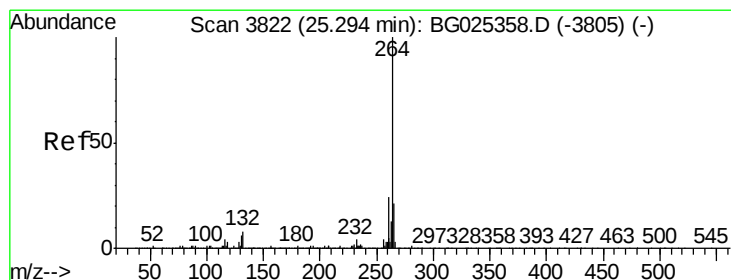
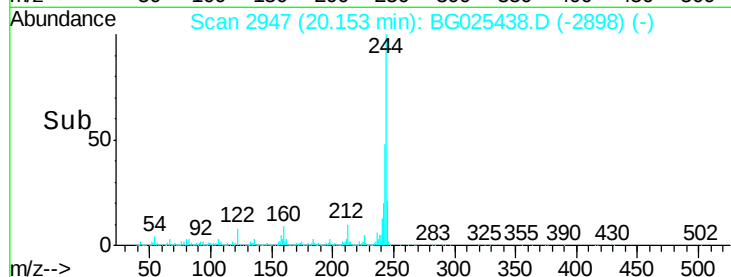
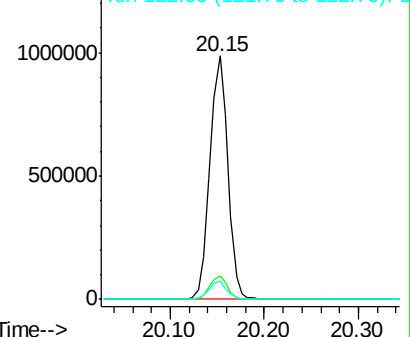
122 7.6 8.6 12.8#



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# 3819

Delta R.T. -0.02 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

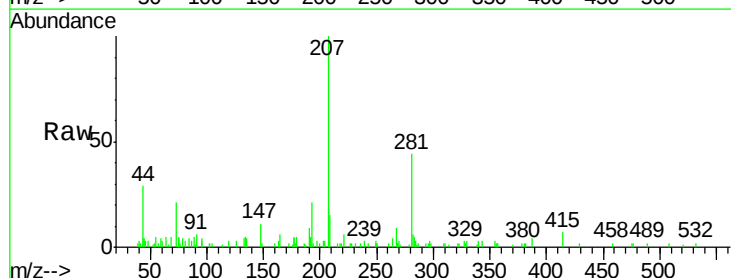
Tgt Ion:264 Resp: 1087

Ion Ratio Lower Upper

264 100

260 0.0 21.8 32.8#

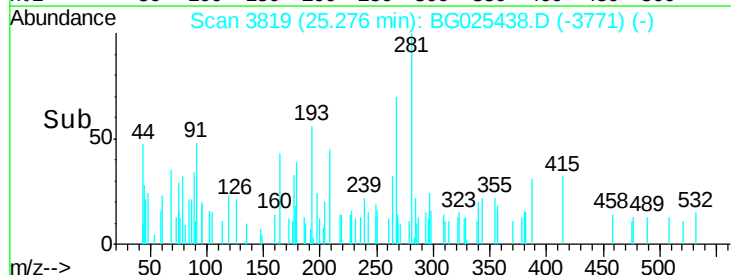
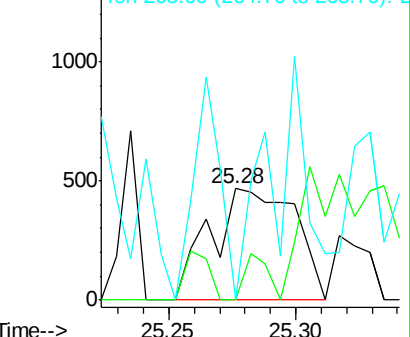
265 0.0 18.2 27.4#

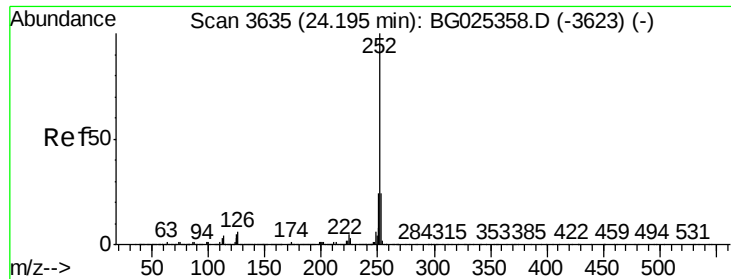


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 4.64 ng

RT: 24.18 min Scan# 3633

Delta R.T. -0.01 min

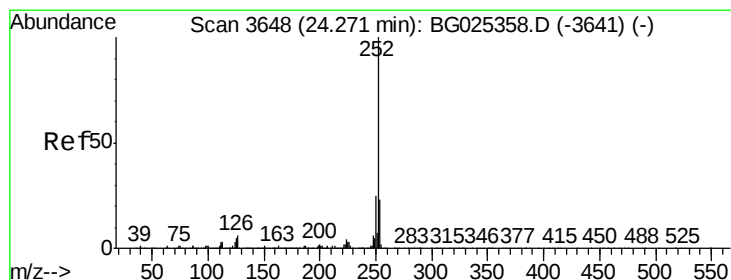
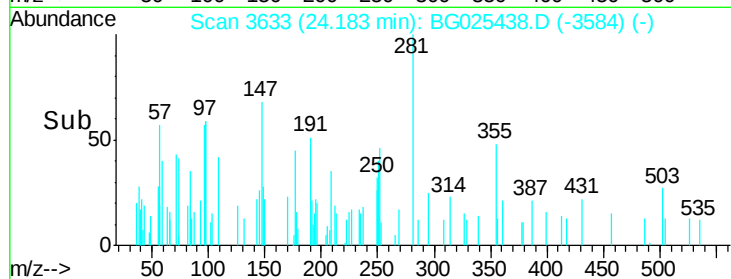
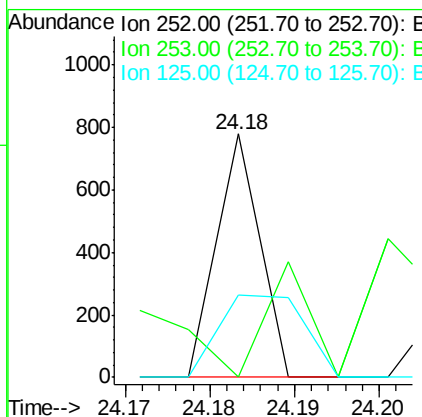
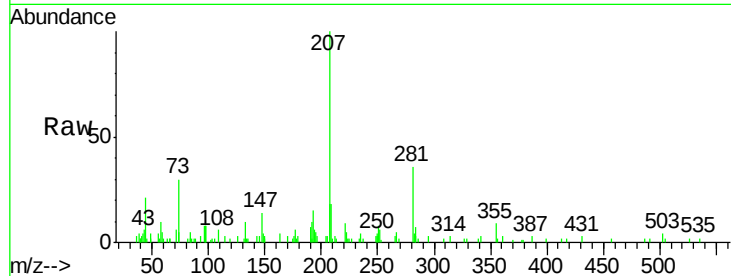
Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

Instrument :
BNA_G
ClientSampleId :
TP5-6-COMP11

Tgt Ion: 252 Resp: 275

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.7	28.1#
125	33.6	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 4.24 ng

RT: 24.25 min Scan# 3645

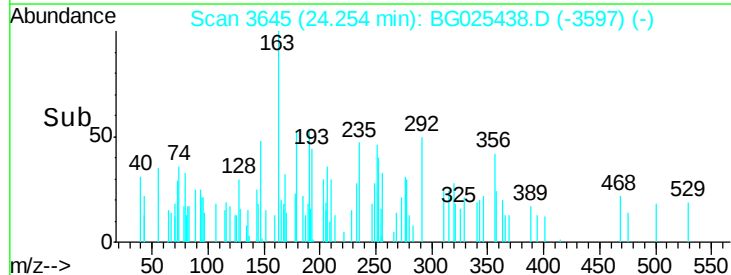
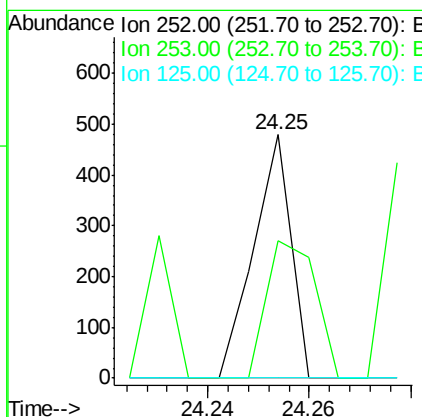
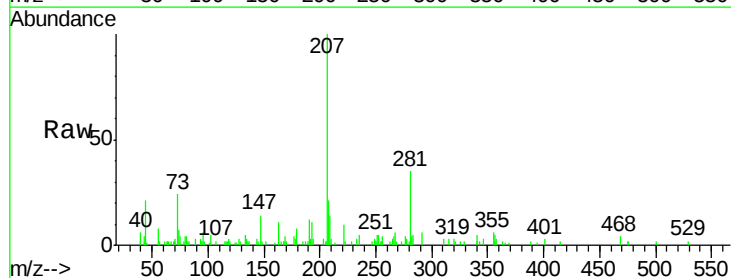
Delta R.T. -0.02 min

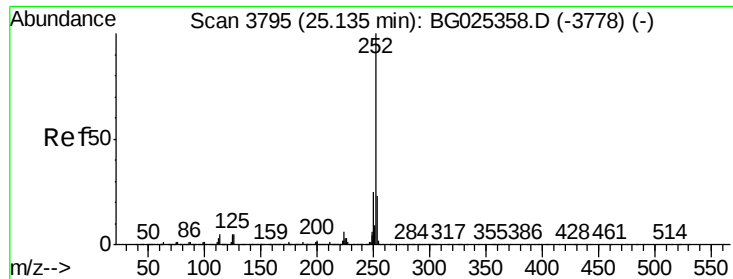
Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

Tgt Ion: 252 Resp: 243

Ion	Ratio	Lower	Upper
252	100		
253	56.4	20.2	30.2#
125	0.0	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 4.42 ng

RT: 25.10 min Scan# 3789

Delta R.T. -0.04 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

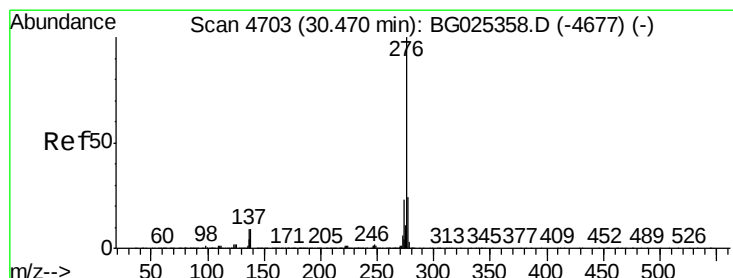
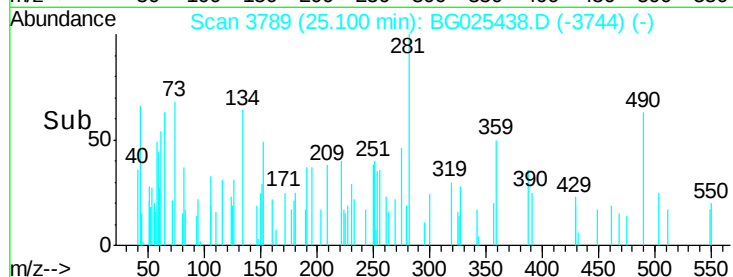
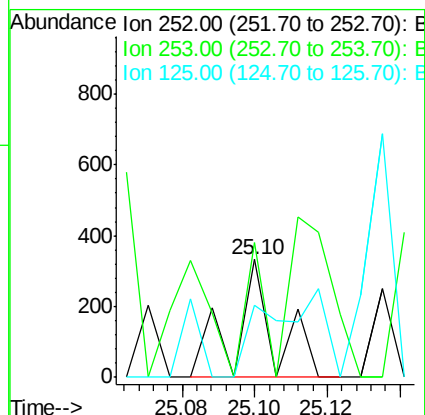
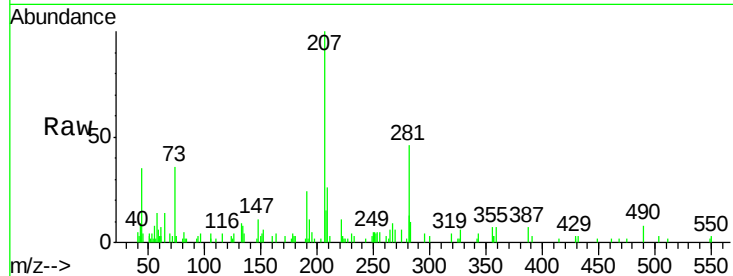
Instrument :

BNA_G

ClientSampleId :

TP5-6-COMP11

Tgt Ion:	252	Resp:	253
Ion	Ratio	Lower	Upper
252	100		
253	114.8	19.2	28.8#
125	60.8	5.4	8.0#



#91

Benzo(g,h,i)perylene

Concen: 4.87 ng

RT: 30.46 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BG025438.D

Acq: 9 Jan 2017 20:12

Tgt Ion:	276	Resp:	294
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	27.8#
138	0.0	8.1	12.1#

