

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025566.D
 Acq On : 21 Jan 2017 10:04
 Operator : UM/SJ
 Sample : I1260-04MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-0-12FT-COMPMSD

Manual Integrations
 APPROVED

Quant Time: Jan 23 00:53:22 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	68189	20.00	ng	-0.02
21) Naphthalene-d8	11.00	136	282268	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	233599	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	530702	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	710453	20.00	ng	-0.02
86) Perylene-d12	25.23	264	719050	20.00	ng	-0.04

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System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	652941	174.05	ng	-0.02
7) Phenol-d6	7.34	99	887412	167.96	ng	-0.01
23) Nitrobenzene-d5	9.36	82	727580	113.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	584575	155.44	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1491749	103.39	ng	-0.02
78) Terphenyl-d14	20.14	244	2770981	103.41	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	71214	44.49	ng	# 52
3) Pyridine	3.98	79	196102	42.26	ng	99
4) n-Nitrosodimethylamine	3.88	42	154543	56.11	ng	98
6) Aniline	7.51	93	105088	14.68	ng	91
8) 2-Chlorophenol	7.74	128	230176	54.39	ng	98
10) Phenol	7.37	94	315632	53.89	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	239739	53.12	ng	95
12) 1,3-Dichlorobenzene	8.06	146	244140	47.67	ng	94
13) 1,4-Dichlorobenzene	8.21	146	252637	47.60	ng	98
14) 1,2-Dichlorobenzene	8.54	146	241496	47.68	ng	98
15) Benzyl Alcohol	8.43	79	279374	55.39	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	458077	54.81	ng	98
17) 2-Methylphenol	8.63	107	222006	57.72	ng	97
18) Hexachloroethane	9.26	117	98159	48.16	ng	91
19) n-Nitroso-di-n-propylamine	8.98	70	235563	52.79	ng	99
20) 3+4-Methylphenols	8.96	107	302333	56.80	ng	96
22) Acetophenone	9.01	105	399720	50.97	ng	# 100
24) Nitrobenzene	9.41	77	375686	53.61	ng	95
25) Isophorone	9.92	82	654526	56.58	ng	98
26) 2-Nitrophenol	10.12	139	146272	54.57	ng	95
27) 2,4-Dimethylphenol	10.17	122	256602	58.23	ng	94
28) bis(2-Chloroethoxy)methane	10.39	93	347414	57.83	ng	97
29) 2,4-Dichlorophenol	10.66	162	272663	57.82	ng	95
30) 1,2,4-Trichlorobenzene	10.86	180	290705	51.03	ng	98
31) Naphthalene	11.06	128	732829	51.99	ng	99
32) Benzoic acid	10.32	122	133980	37.81	ng	# 87
33) 4-Chloroaniline	11.20	127	15065	2.54	ng	# 89
34) Hexachlorobutadiene	11.31	225	226051	48.61	ng	95
35) Caprolactam	11.96	113	85146m	48.06	ng	
36) 4-Chloro-3-methylphenol	12.29	107	324916	55.82	ng	98
37) 2-Methylnaphthalene	12.65	142	561011	53.70	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	394996	51.22	ng	97
40) Hexachlorocyclopentadiene	12.97	237	364247	124.06	ng	99
42) 2,4,6-Trichlorophenol	13.25	196	255376	52.59	ng	98

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 ALS Vial : 32 Sample Multiplier: 1

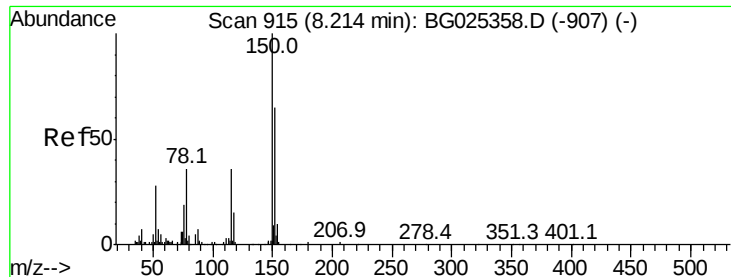
Instrument :
 BNA_G
 ClientSampleId :
 MH-0-12FT-COMPMSD

Manual Integrations
 APPROVED

Quant Time: Jan 23 00:53:22 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)	
43) 2,4,5-Trichlorophenol	13.34	196	268439	52.81	nq	93	
45) 1,1'-Biphenyl	13.64	154	808893	51.48	nq	97	
46) 2-Chloronaphthalene	13.70	162	639387	52.09	nq	97	
47) 2-Nitroaniline	13.91	65	272300	52.55	nq	91	
48) Acenaphthylene	14.54	152	964812	50.71	nq	98	
49) Dimethylphthalate	14.25	163	907445	53.29	nq	98	mohammad
50) 2,6-Dinitrotoluene	14.39	165	202428	54.41	nq	97	
51) Acenaphthene	14.87	154	638580	51.32	nq	99	
52) 3-Nitroaniline	14.75	138	12258	3.43	nq	#	69
53) 2,4-Dinitrophenol	14.95	184	261890	105.61	nq	#	83
54) Dibenzofuran	15.21	168	1038109	52.77	nq	98	1/23/2017 4:59:52 PM
55) 4-Nitrophenol	15.06	139	281745	105.47	nq	94	
56) 2,4-Dinitrotoluene	15.19	165	306850	56.65	nq	#	96
57) Fluorene	15.85	166	854716	51.89	nq	98	
58) 2,3,4,6-Tetrachlorophenol	15.43	232	268105	49.24	nq	97	
59) Diethylphthalate	15.60	149	937158	52.48	nq	98	
60) 4-Chlorophenyl-phenylether	15.83	204	478450	51.26	nq	98	
61) 4-Nitroaniline	15.90	138	134939	37.49	nq	91	
62) Azobenzene	16.13	77	1008372	58.55	nq	99	
64) 4,6-Dinitro-2-methylphenol	15.96	198	203023	55.24	nq	78	
65) n-Nitrosodiphenylamine	16.05	169	775677	54.07	nq	98	
66) 4-Bromophenyl-phenylether	16.73	248	354110	54.08	nq	98	
67) Hexachlorobenzene	16.86	284	392810	52.28	nq	#	91
68) Atrazine	16.99	200	238971	38.02	nq	94	
69) Pentachlorophenol	17.21	266	422137	108.38	nq	94	
70) Phenanthrene	17.60	178	1484658	54.29	nq	98	
71) Anthracene	17.69	178	1505499	54.18	nq	97	
72) Carbazole	17.97	167	1335820	53.74	nq	99	
73) Di-n-butylphthalate	18.48	149	1661608	54.34	nq	98	
74) Fluoranthene	19.59	202	1932369	53.49	nq	96	
76) Benzidine	19.80	184	164918	9.31	nq	#	94
77) Pyrene	19.96	202	1949188	52.50	nq	100	
79) Butylbenzylphthalate	20.81	149	845303	56.70	nq	98	
80) Benzo(a)anthracene	21.83	228	2160355	54.52	nq	99	
81) 3,3'-Dichlorobenzidine	21.73	252	132218	8.59	nq	99	
82) Chrysene	21.89	228	1998866	52.60	nq	99	
83) Bis(2-ethylhexyl)phthalate	21.67	149	1201819	57.93	nq	98	
84) Di-n-octyl phthalate	22.91	149	2026023	58.82	nq	97	
85) Indeno(1,2,3-cd)pyrene	29.12	276	2673060	55.33	nq	#	98
87) Benzo(b)fluoranthene	24.14	252	2227633	56.78	nq	98	
88) Benzo(k)fluoranthene	24.21	252	2171271	57.31	nq	99	
89) Benzo(a)pyrene	25.07	252	2164454	57.12	nq	99	
90) Dibenzo(a,h)anthracene	29.18	278	2297980	57.22	nq	99	
91) Benzo(g,h,i)perylene	30.36	276	2127046	53.30	nq	96	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:152 Resp: 68189

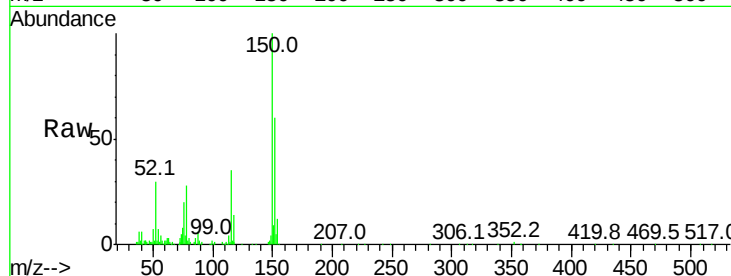
Ion Ratio Lower Upper

152 100

150 167.3 114.0 171.0

115 58.5 48.1 72.1

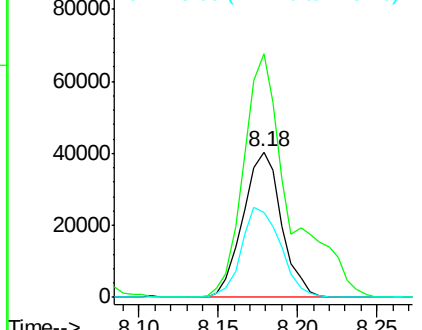
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Abundance Ion 152.00 (151.70 to 152.70): E

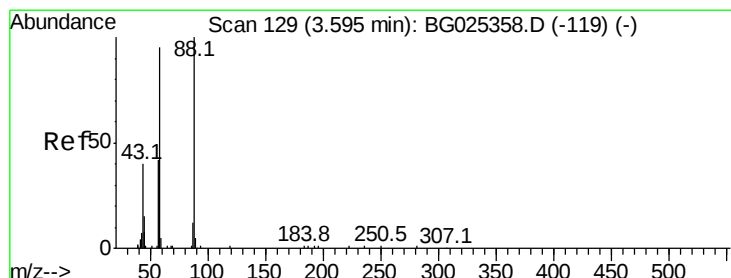
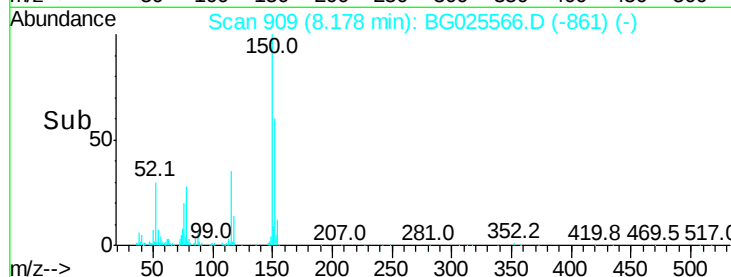
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 44.49 ng

RT: 3.55 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

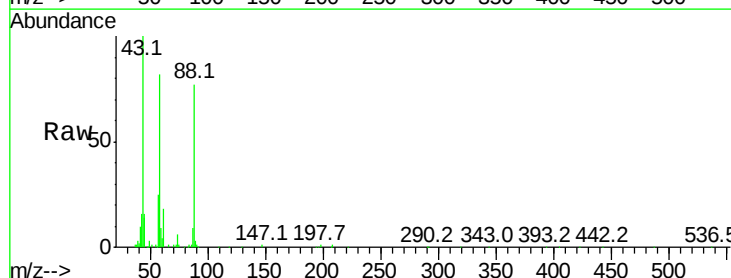
Tgt Ion: 88 Resp: 71214

Ion Ratio Lower Upper

88 100

58 97.1 79.4 119.2

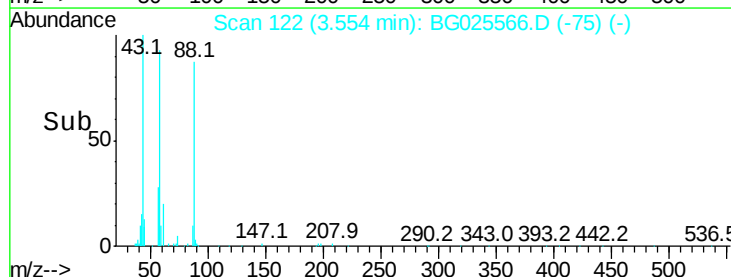
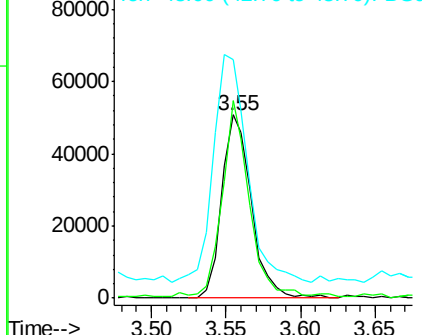
43 141.7 33.8 50.6#

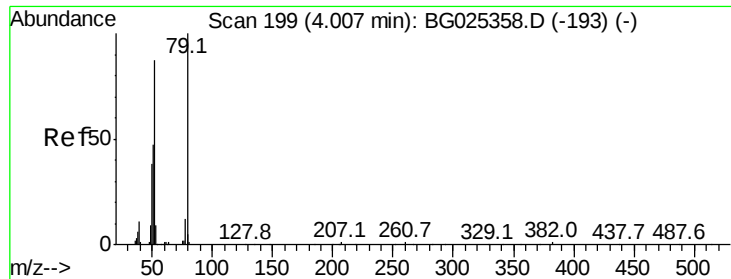


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.26 ng

RT: 3.98 min Scan# 194

Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

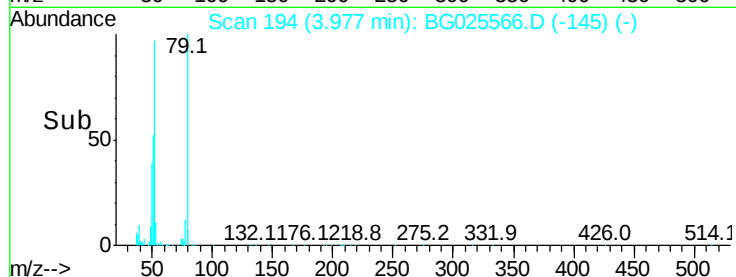
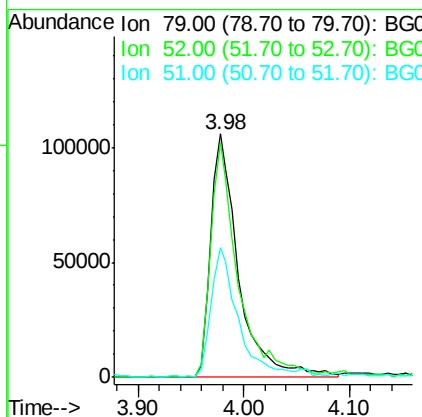
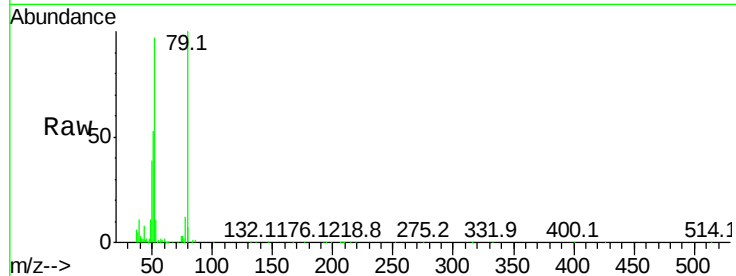
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

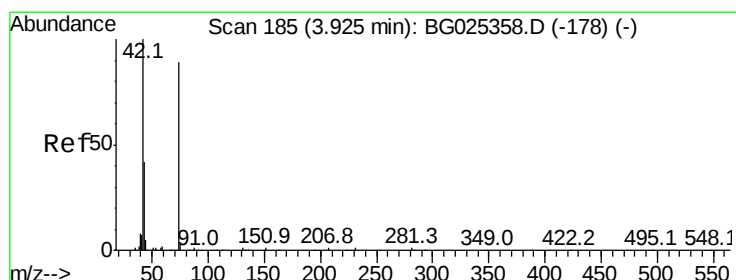
Tot Ion:	79	Resp:	196102
Ion Ratio	Lower	Upper	
79	100		
52	96.6	77.8	116.6
51	53.1	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 56.11 ng

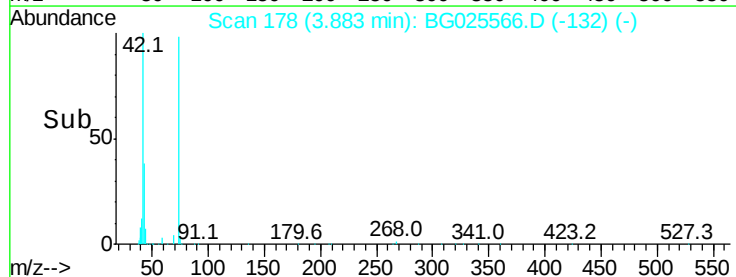
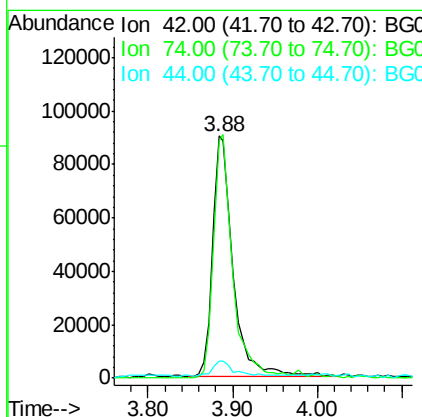
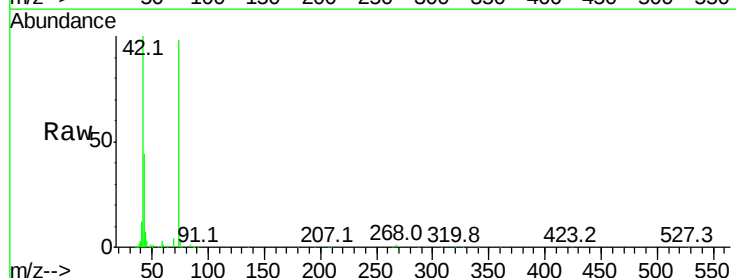
RT: 3.88 min Scan# 178

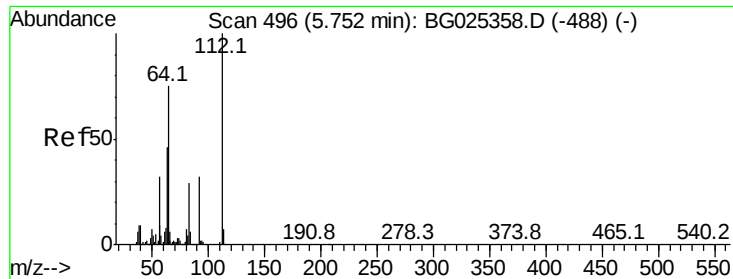
Delta R.T. -0.03 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion:	42	Resp:	154543
Ion Ratio	Lower	Upper	
42	100		
74	97.8	76.7	115.1
44	7.3	6.1	9.1





#5

2-Fluorophenol

Concen: 174.05 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

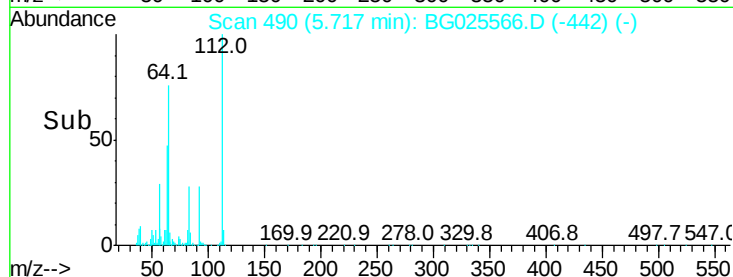
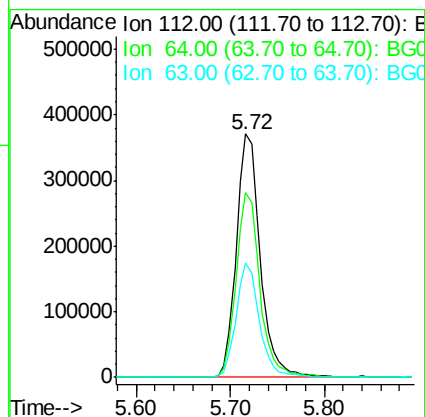
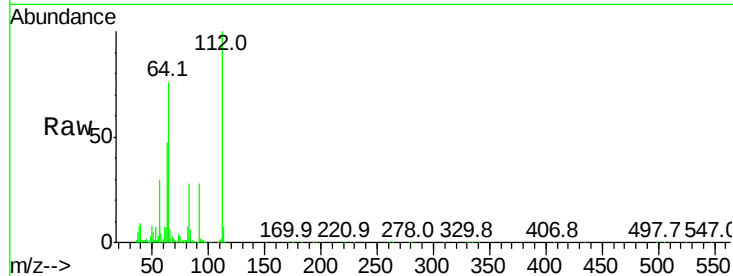
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

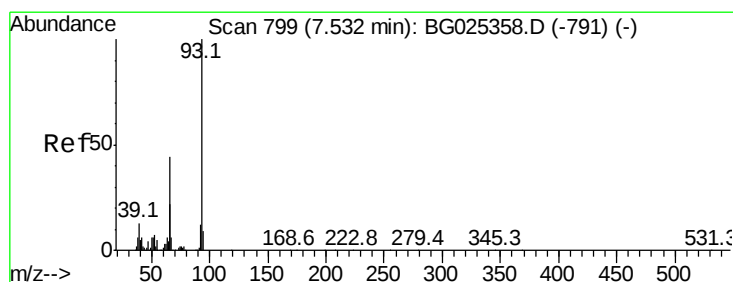
Tot Ion:	112	Resp:	652941
Ion Ratio	Lower	Upper	
112	100		
64	76.0	61.8	92.6
63	47.0	37.2	55.8

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#6

Aniline

Concen: 14.68 ng

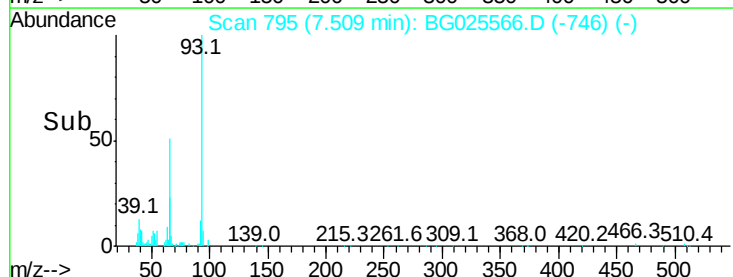
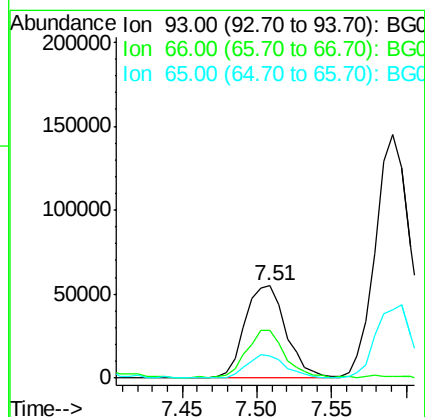
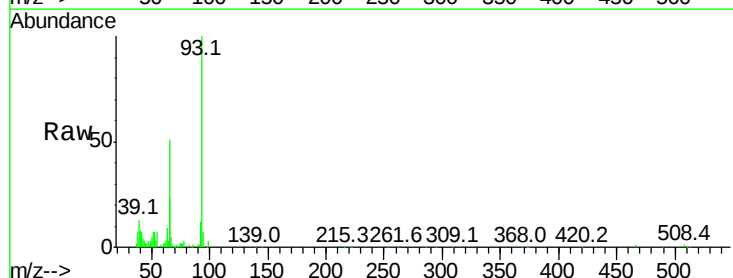
RT: 7.51 min Scan# 795

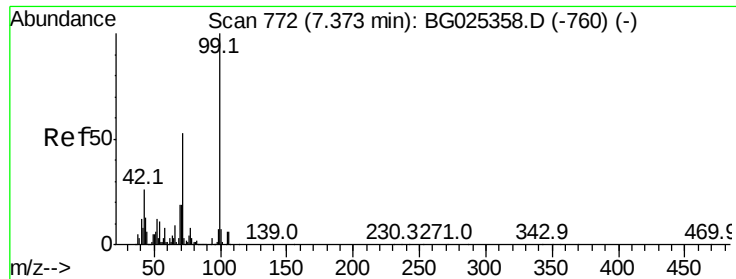
Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion:	93	Resp:	105088
Ion Ratio	Lower	Upper	
93	100		
66	51.3	35.4	53.2
65	23.5	21.2	31.8





#7

Phenol-d6

Concen: 167.96 ng

RT: 7.34 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion: 99 Resp: 887412

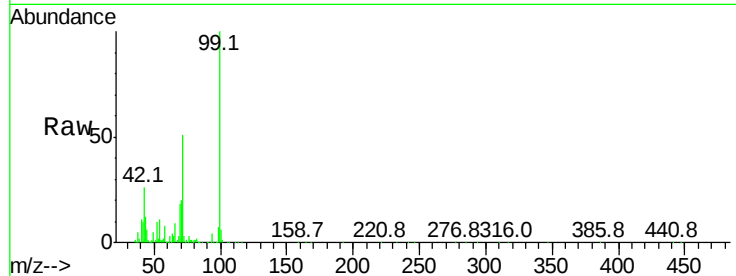
Ion Ratio Lower Upper

99 100

42 26.5 20.5 30.7

71 51.0 37.6 56.4

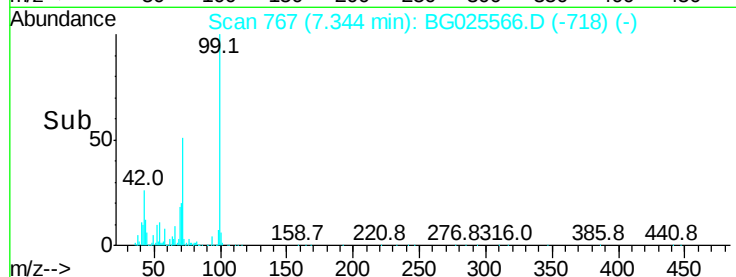
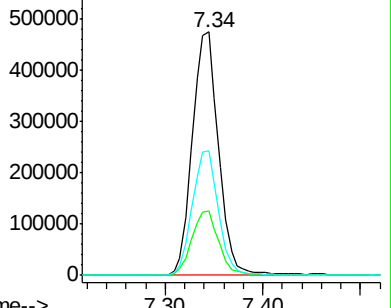
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Abundance Ion 99.00 (98.70 to 99.70): BGC

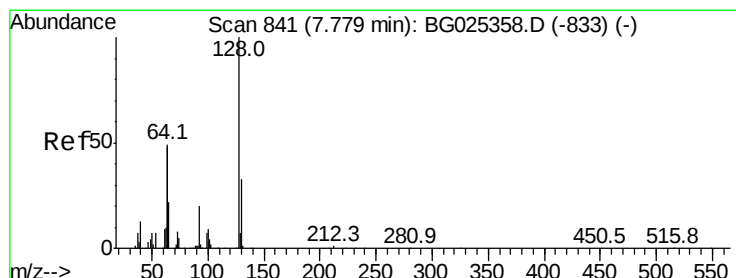
Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 54.39 ng

RT: 7.74 min Scan# 835

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

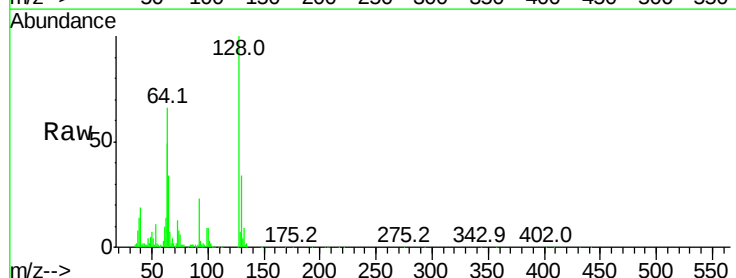
Tgt Ion: 128 Resp: 230176

Ion Ratio Lower Upper

128 100

130 34.0 11.4 51.4

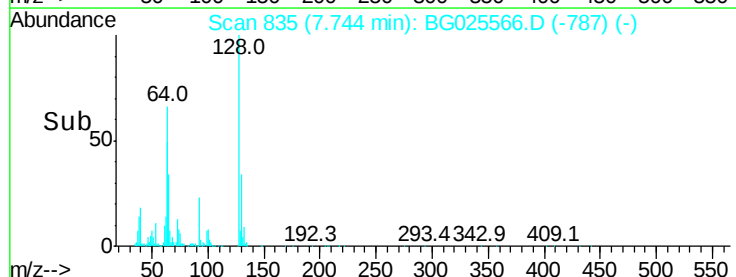
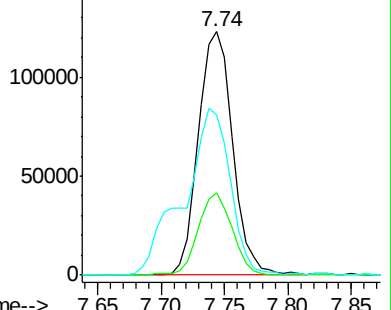
64 65.9 46.6 86.6

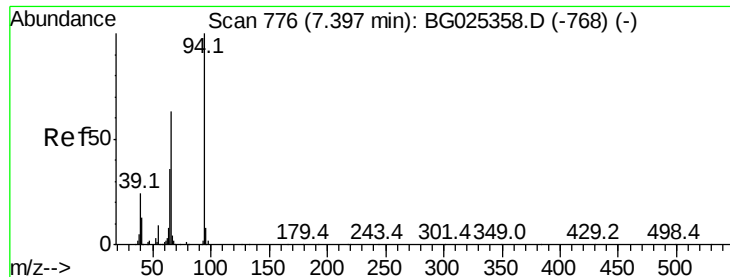


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#10

Phenol

Concen: 53.89 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion: 94 Resp: 315632

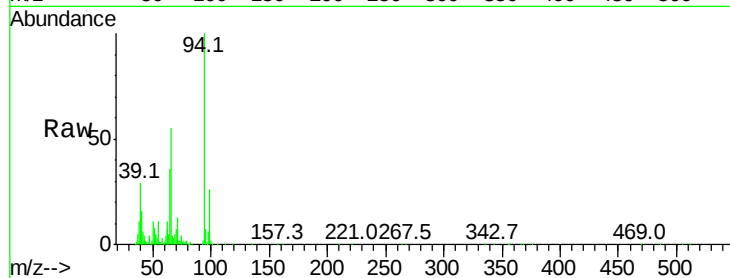
Ion Ratio Lower Upper

94 100

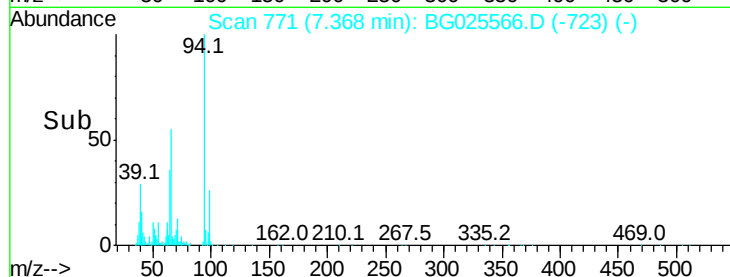
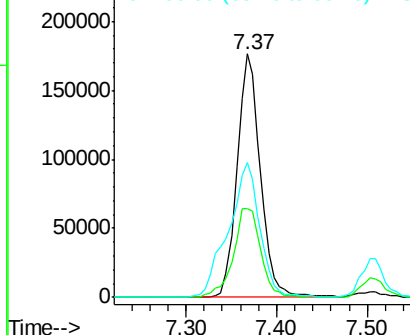
65 36.3 20.6 60.6

66 55.3 35.5 75.5

Manual Integrations
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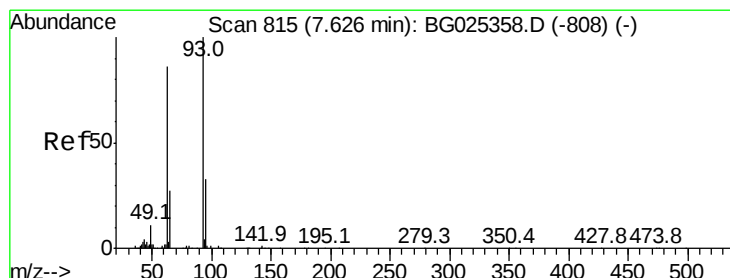


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



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#11

bis(2-Chloroethyl)ether

Concen: 53.12 ng

RT: 7.59 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

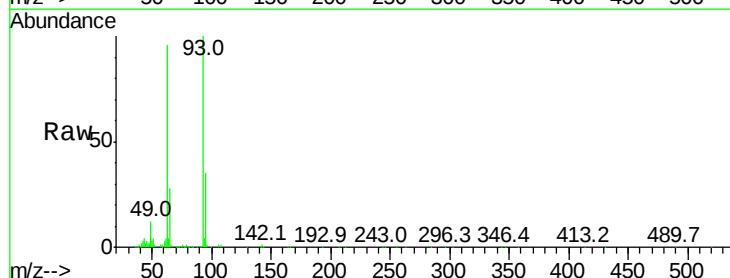
Tgt Ion: 93 Resp: 239739

Ion Ratio Lower Upper

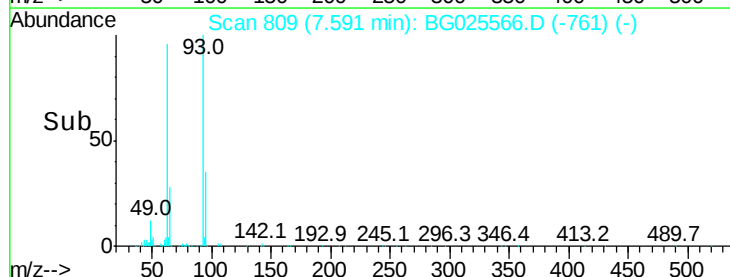
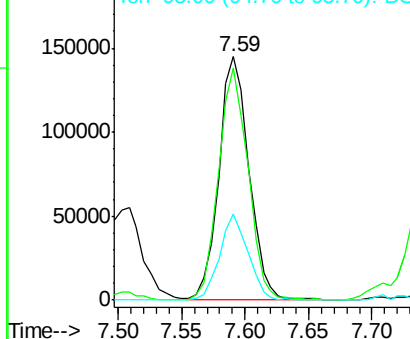
93 100

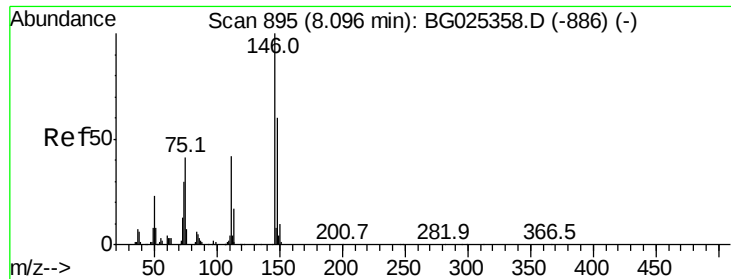
63 95.5 78.5 118.5

95 35.3 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 47.67 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

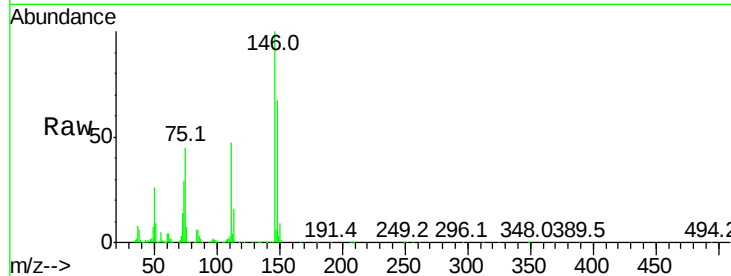
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	146	Resp:	244140
Ion Ratio	Lower	Upper	
146	100		
148	66.6	49.2	73.8
75	45.5	33.4	50.2

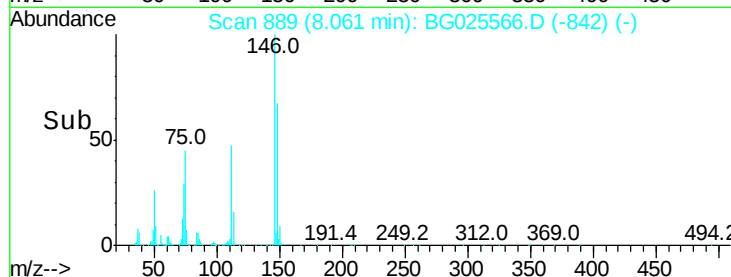
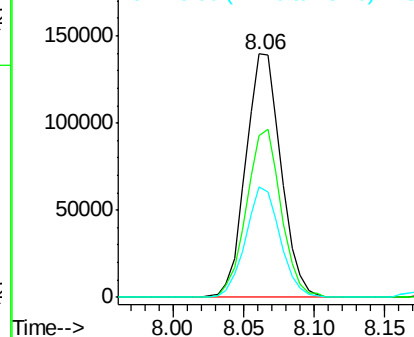
Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E

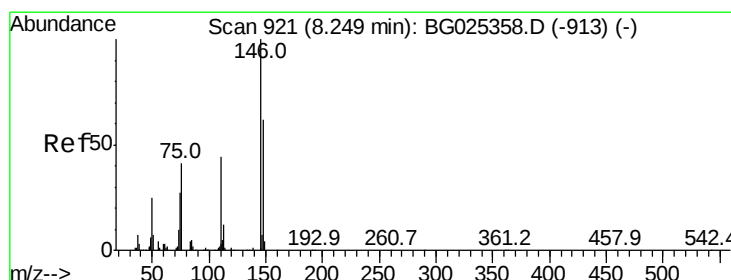
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



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#13

1,4-Dichlorobenzene

Concen: 47.60 ng

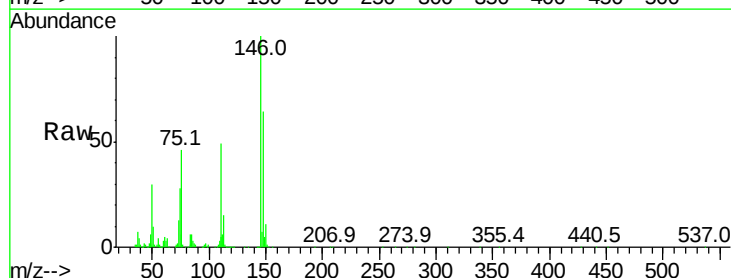
RT: 8.21 min Scan# 915

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

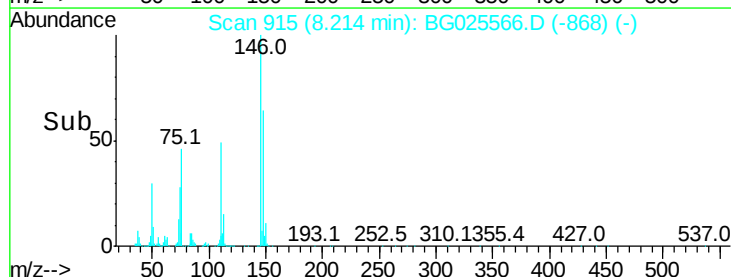
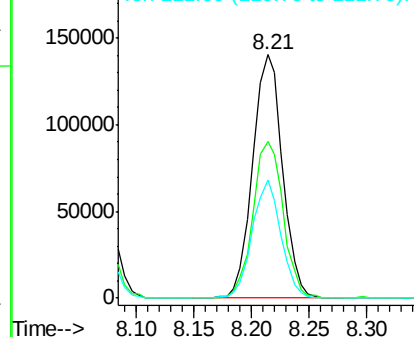
Tgt Ion:	146	Resp:	252637
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	48.6	37.0	55.6

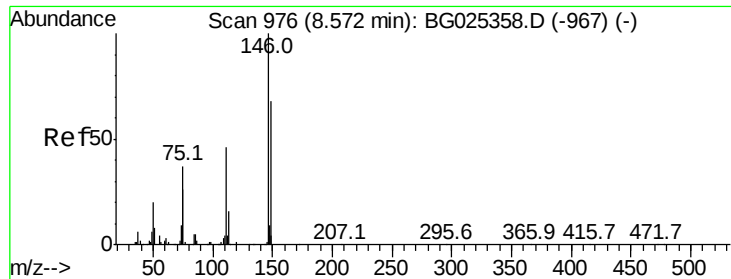


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 47.68 ng

RT: 8.54 min Scan# 970

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

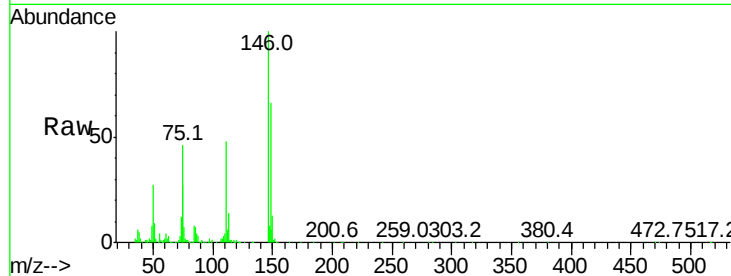
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:	146	Resp:	241496
Ion Ratio	Lower	Upper	
146	100		
148	65.8	54.6	81.8
111	48.5	39.7	59.5

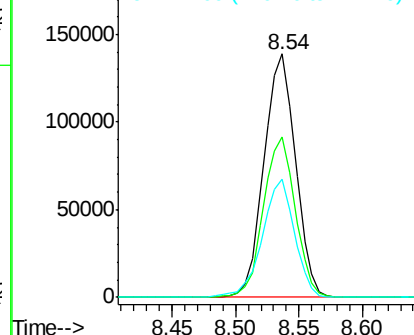
Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E

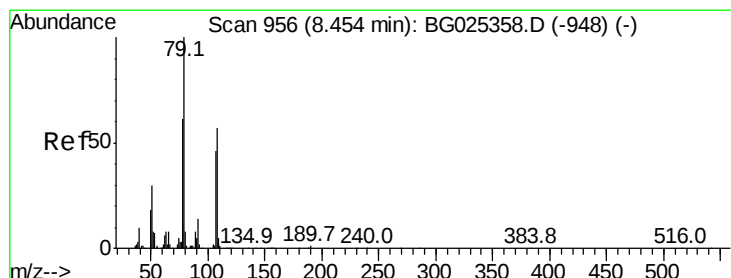
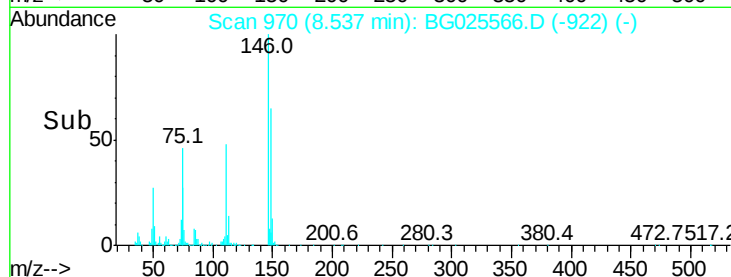
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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#15

Benzyl Alcohol

Concen: 55.39 ng

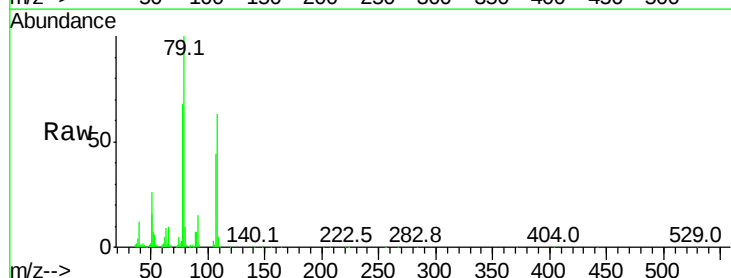
RT: 8.43 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

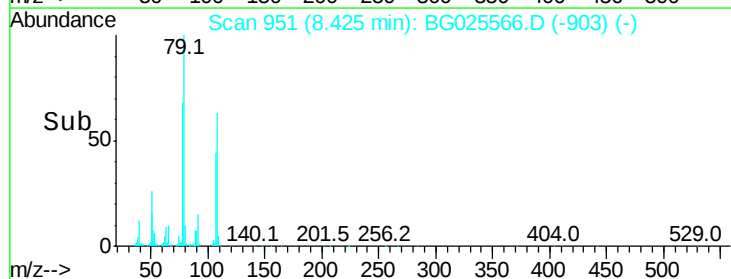
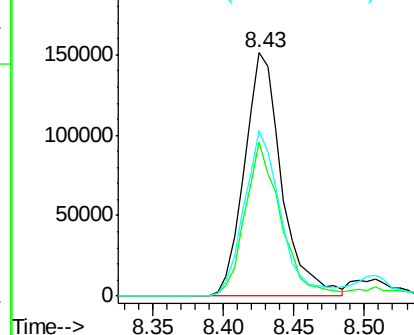
Tgt Ion:	79	Resp:	279374
Ion Ratio	Lower	Upper	
79	100		
108	63.4	45.5	68.3
77	68.2	54.3	81.5

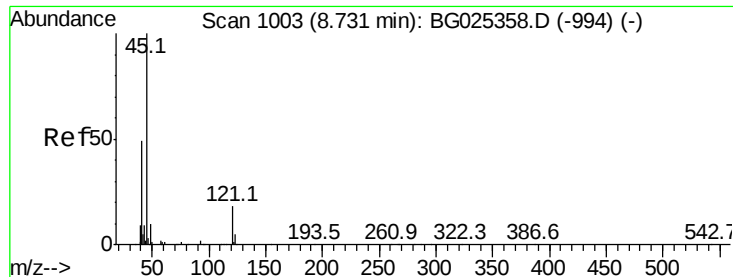


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC



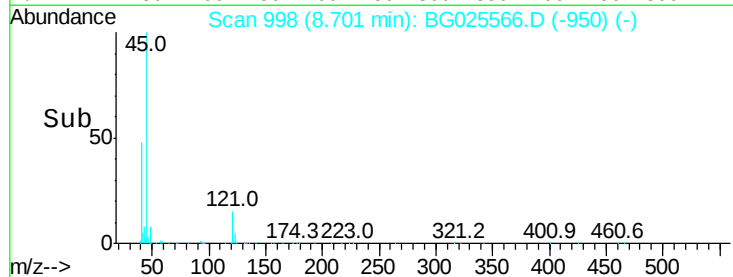
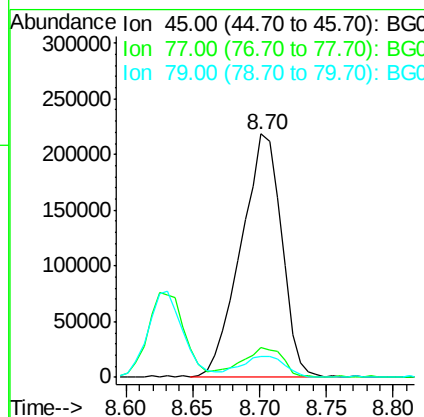
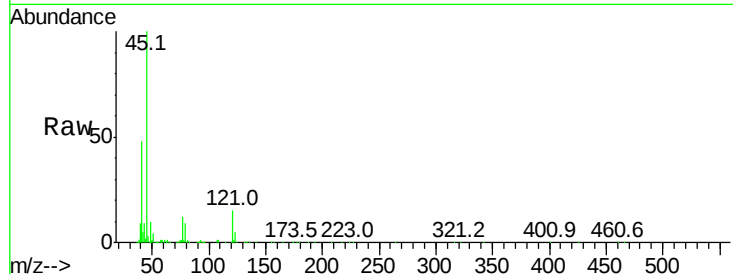


#16
2,2'-oxvbis(1-Chloropropane)
Concen: 54.81 ng
RT: 8.70 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

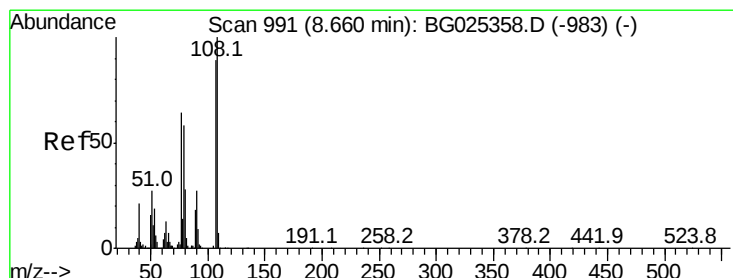
Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	12.1	0.0	30.6
79	8.5	0.0	28.5

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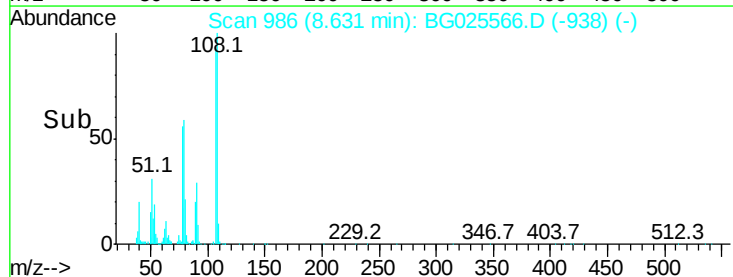
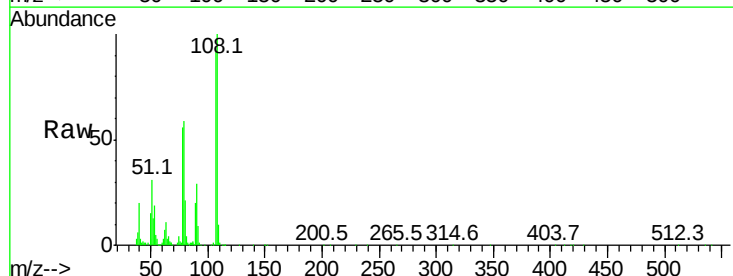
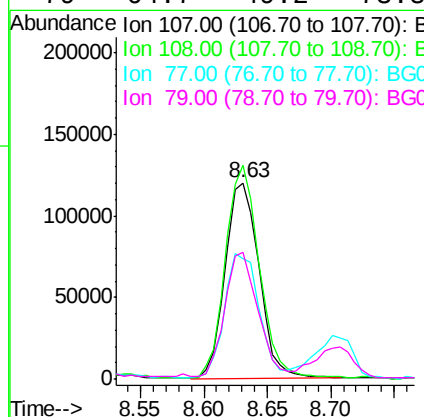
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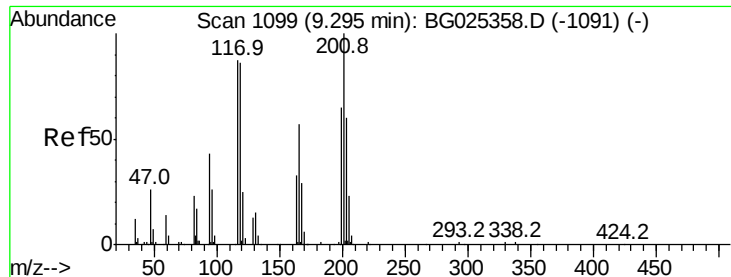
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#17
2-Methylphenol
Concen: 57.72 ng
RT: 8.63 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	109.1	85.6	128.4
77	61.2	51.4	77.2
79	64.7	49.2	73.8



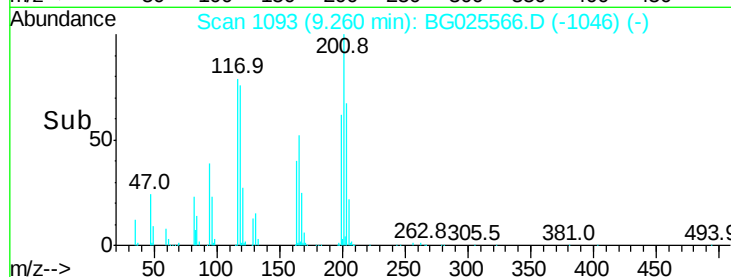
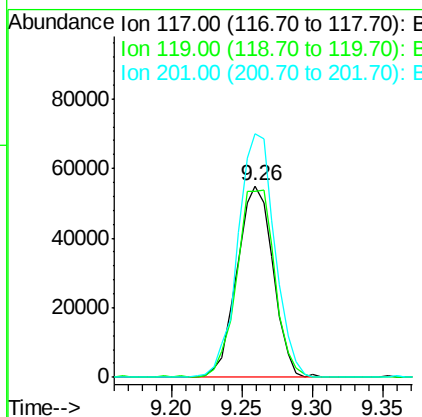
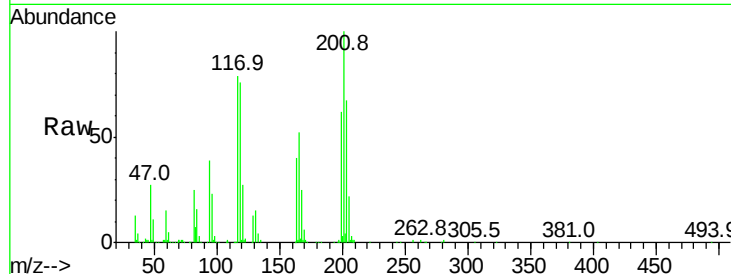


#18
Hexachloroethane
Concen: 48.16 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

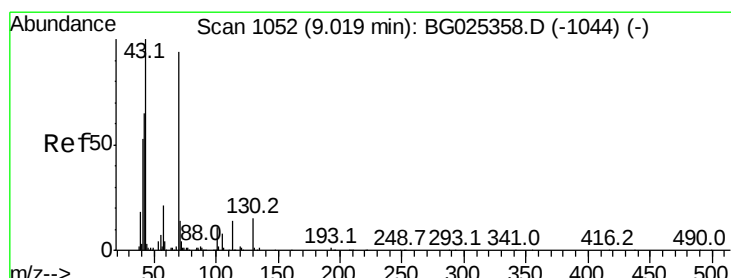
Tot Ion	Ratio	Lower	Upper
117	100		
119	98.4	69.8	104.6
201	127.4	95.4	143.0

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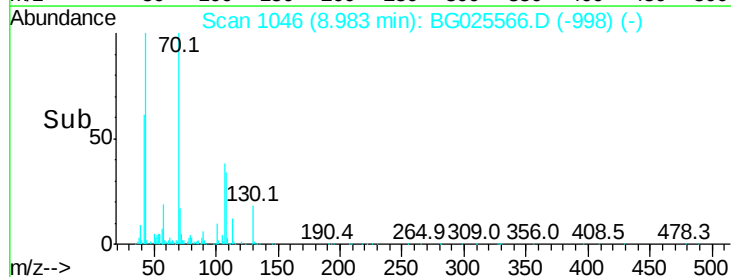
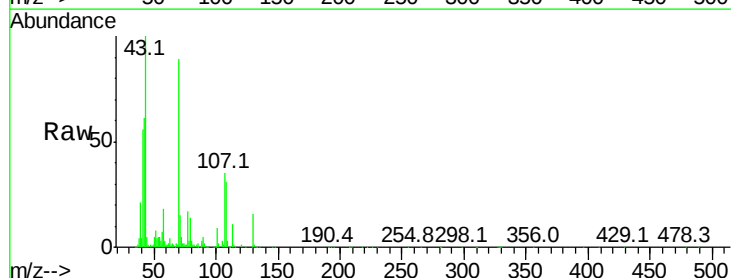
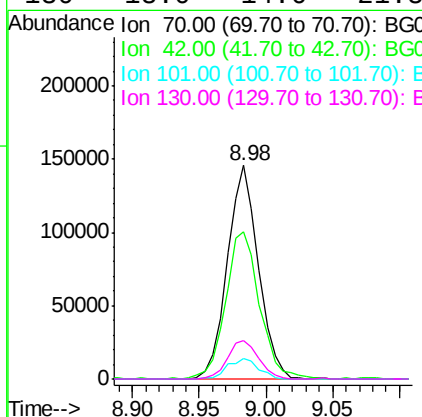
mohammad

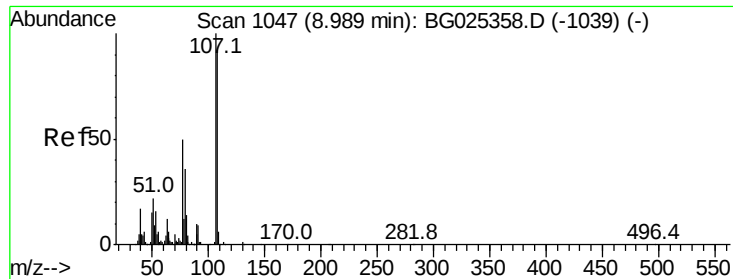
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#19
n-Nitroso-di-n-propylamine
Concen: 52.79 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
70	100		
42	68.7	56.1	84.1
101	9.8	7.5	11.3
130	18.0	14.6	21.8



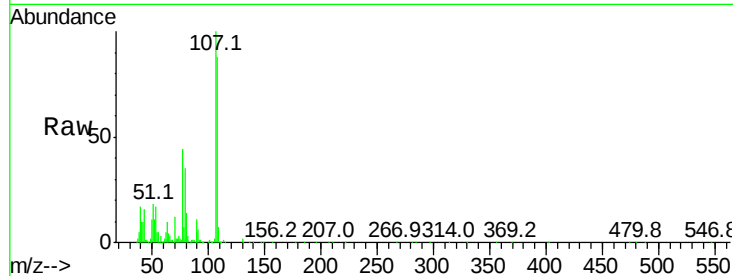


#20
3+4-Methylphenols
Concen: 56.80 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

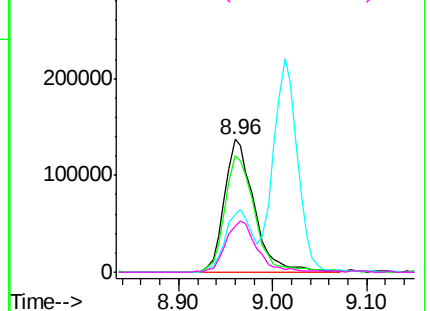
Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.8	110.8
77	43.8	25.8	65.8
79	35.1	20.1	60.1

Manual Integrations
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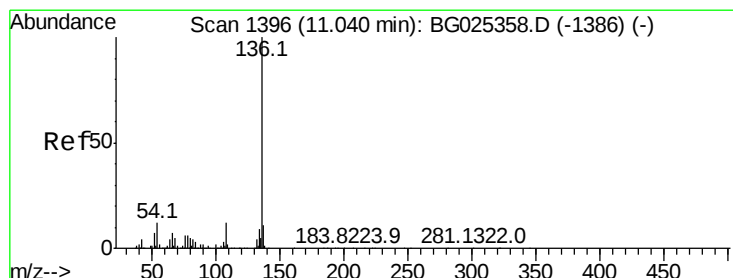
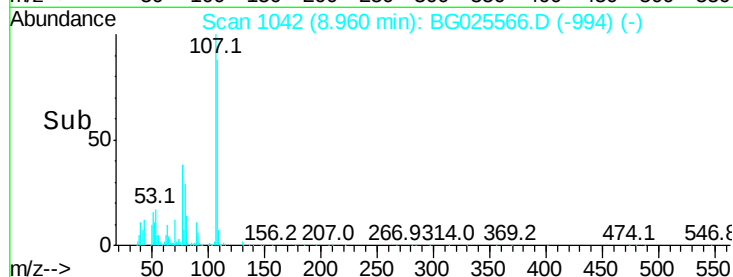


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



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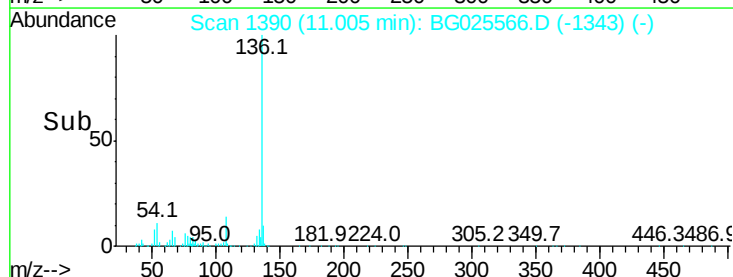
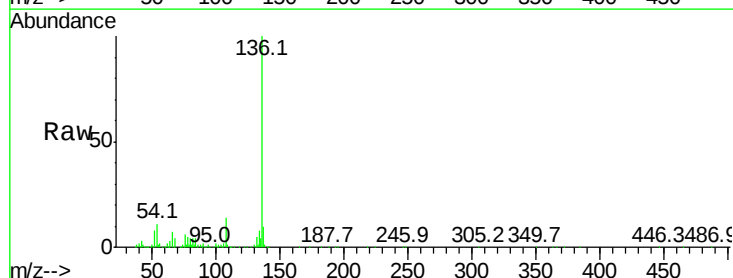
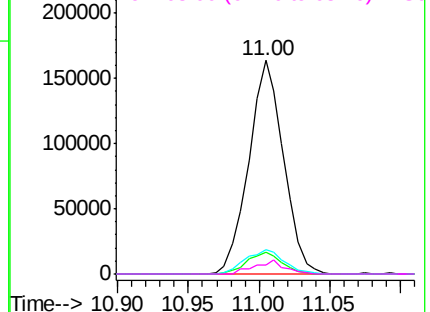
1/23/2017 4:59:52 PM

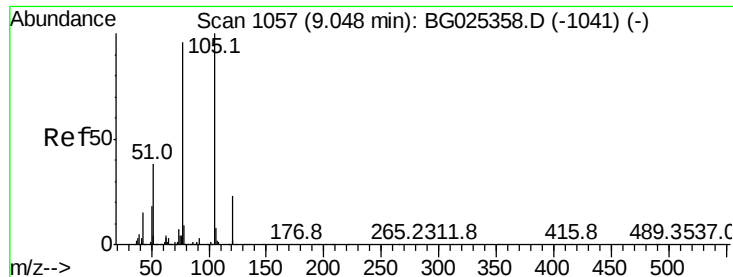


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.3	9.3	13.9
68	4.4	5.1	7.7#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 50.97 ng

RT: 9.01 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

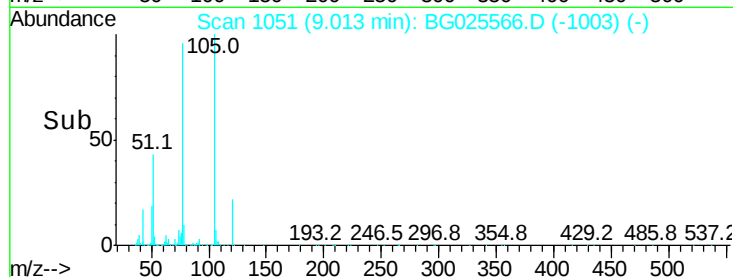
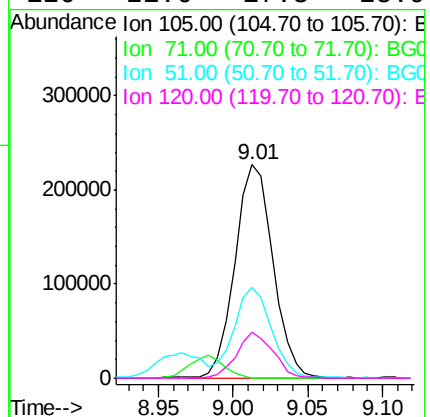
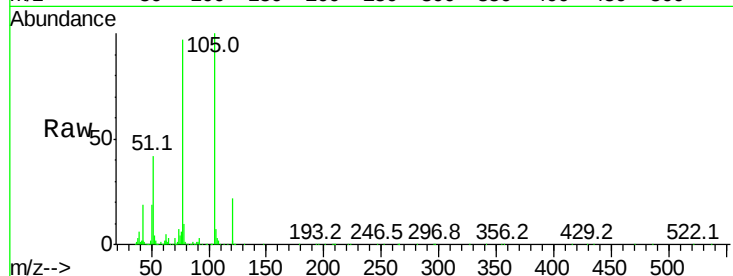
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

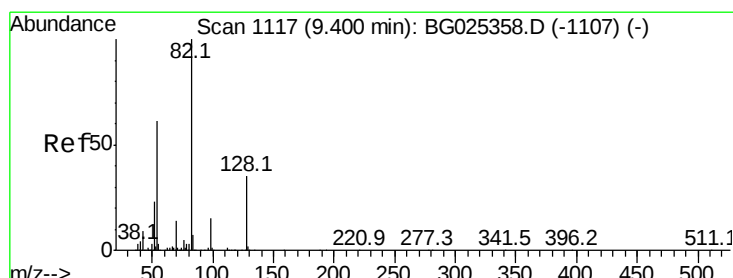
Tot Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.9	1.3#
51	42.5	34.0	51.0
120	21.6	17.3	25.9

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#23

Nitrobenzene-d5

Concen: 113.87 ng

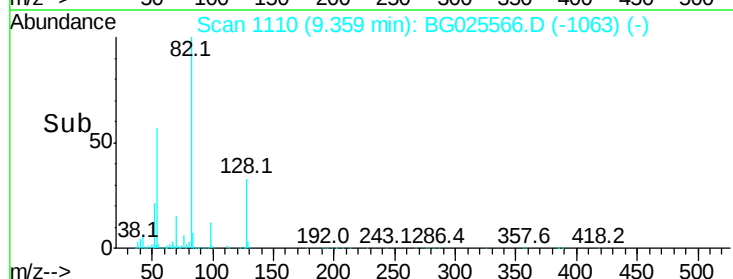
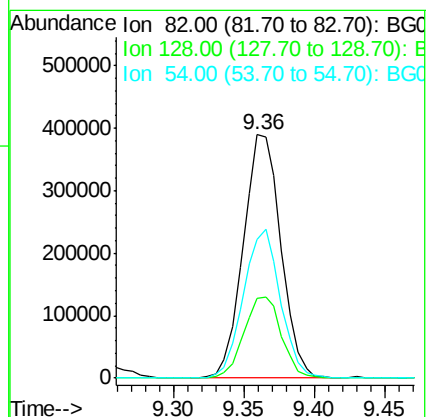
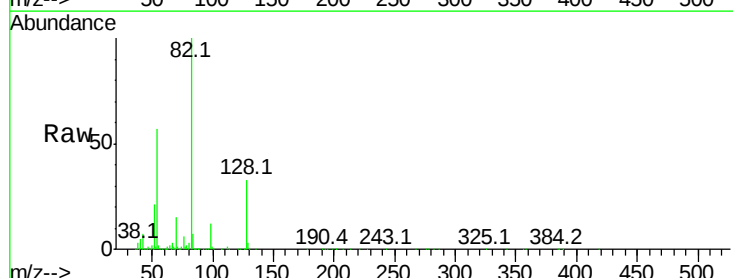
RT: 9.36 min Scan# 1110

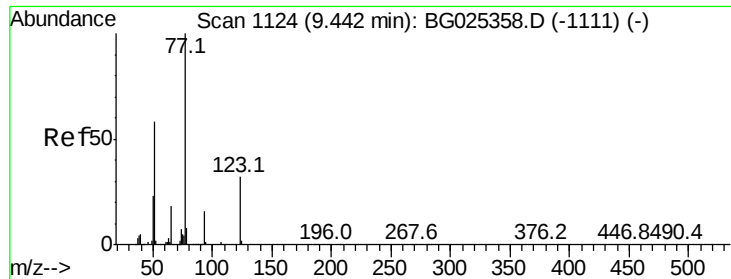
Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.5	26.4	39.6
54	57.2	49.4	74.2



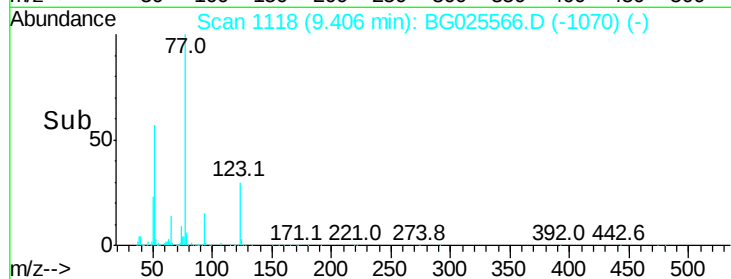
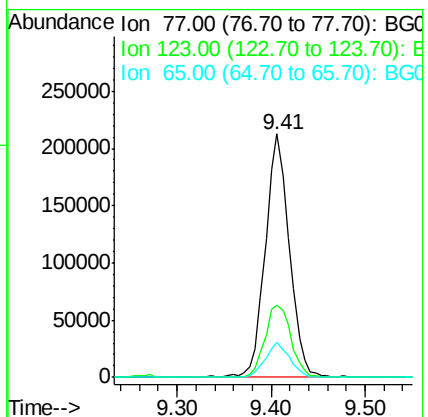
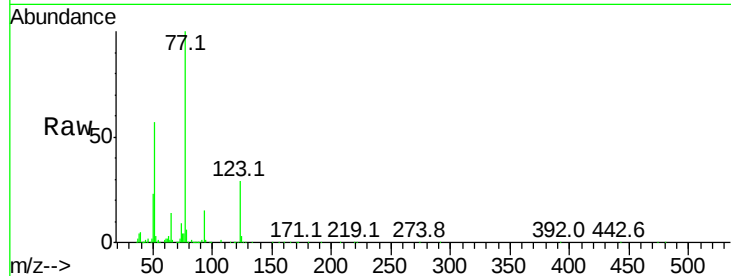


#24
Nitrobenzene
Concen: 53.61 ng
RT: 9.41 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

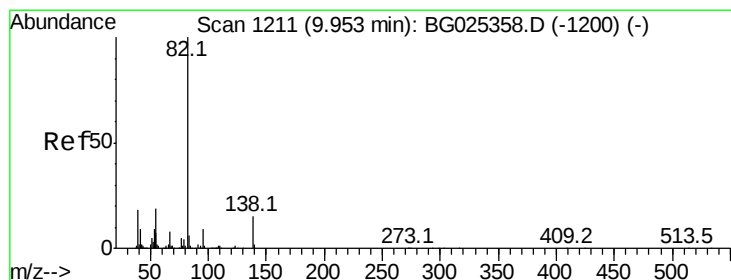
Tot Ion	Ratio	Lower	Upper
77	100		
123	29.4	26.1	39.1
65	14.2	12.4	18.6

Manual Integrations
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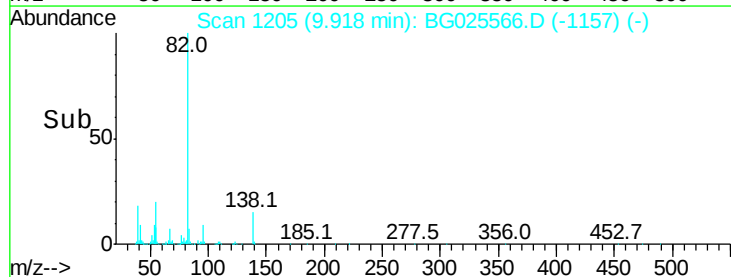
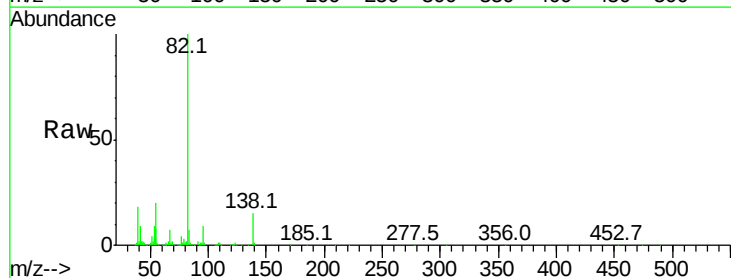
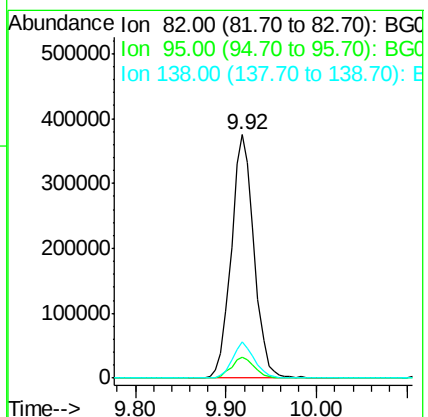
mohammad

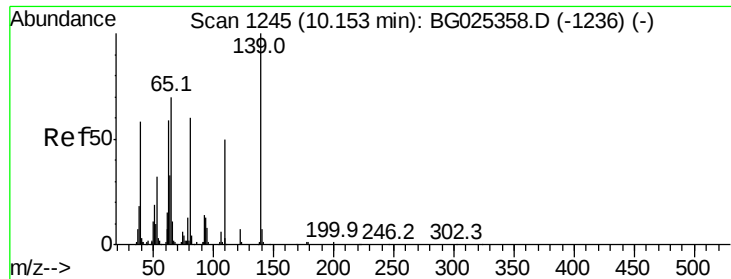
1/23/2017 4:59:52 PM



#25
Isophorone
Concen: 56.58 ng
RT: 9.92 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.5	7.5	11.3
138	14.8	12.3	18.5



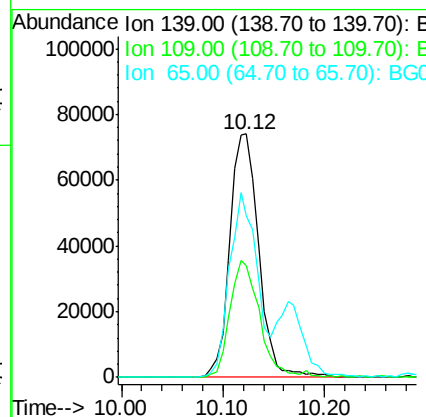
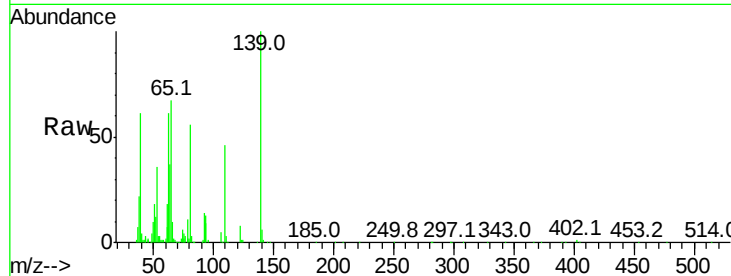


#26
2-Nitrophenol
Concen: 54.57 ng
RT: 10.12 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

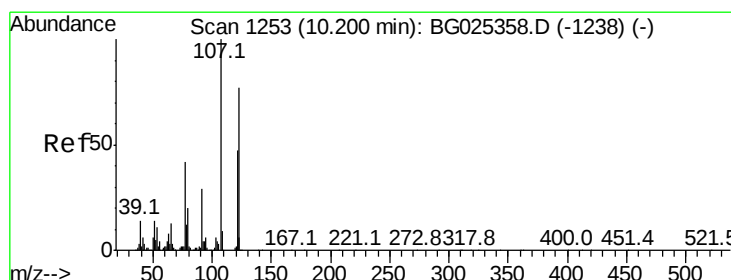
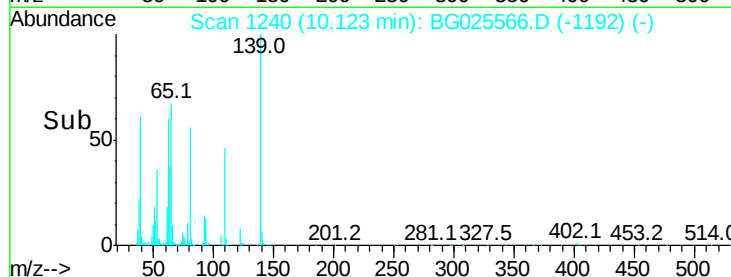
Tot Ion	Ratio	Lower	Upper
139	100		
109	46.2	38.6	58.0
65	66.6	57.1	85.7

Manual Integrations
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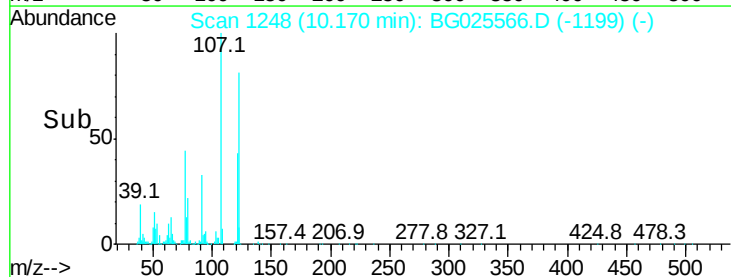
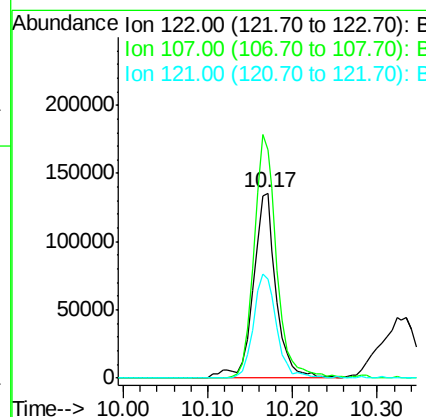
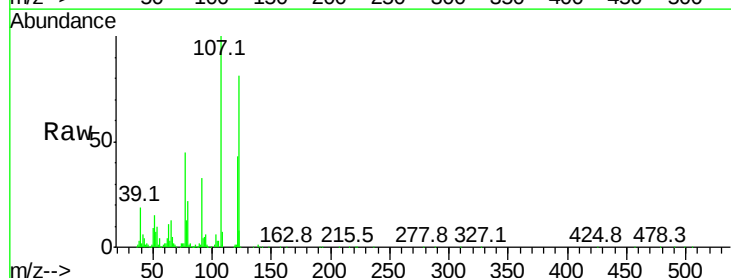
mohammad

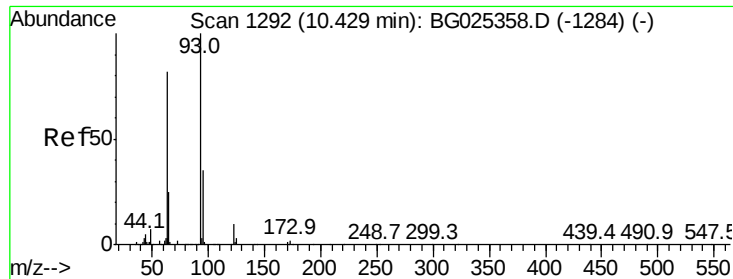
1/23/2017 4:59:52 PM



#27
2,4-Dimethylphenol
Concen: 58.23 ng
RT: 10.17 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.4	104.2	156.4
121	53.4	46.0	69.0



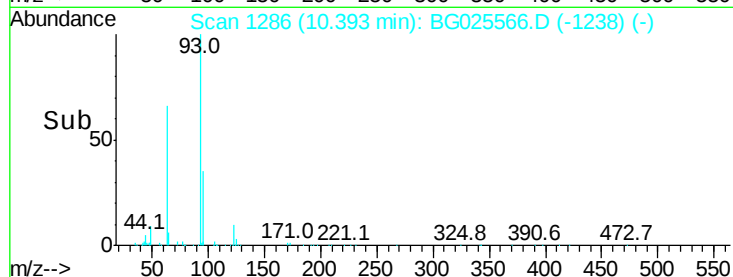
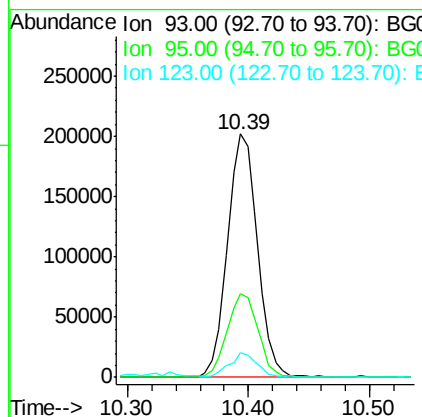
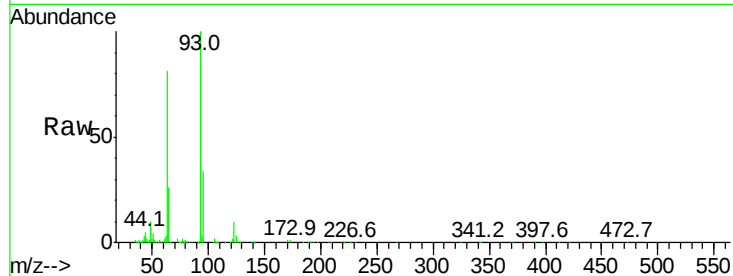


#28
bis(2-Chloroethoxy)methane
Concen: 57.83 ng
RT: 10.39 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

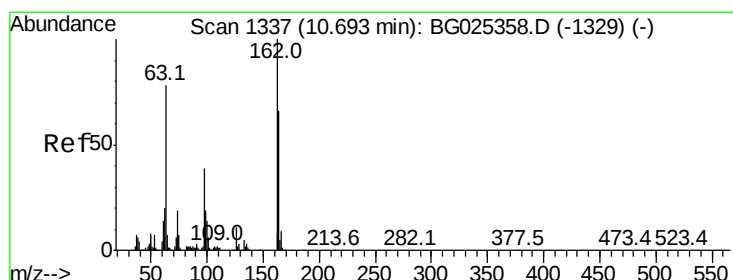
Tot Ion	Ratio	Lower	Upper
93	100		
95	34.2	25.7	38.5
123	10.0	8.3	12.5

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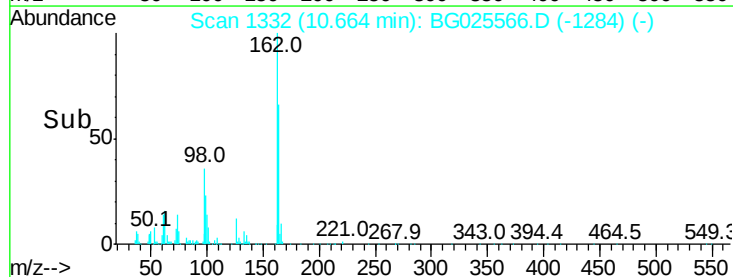
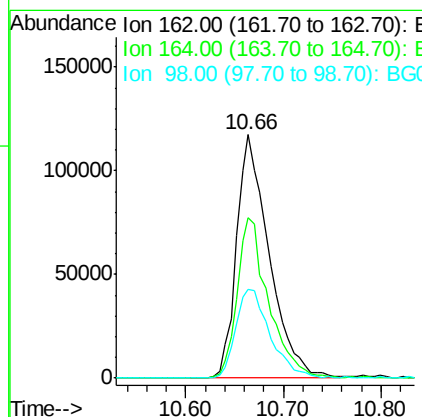
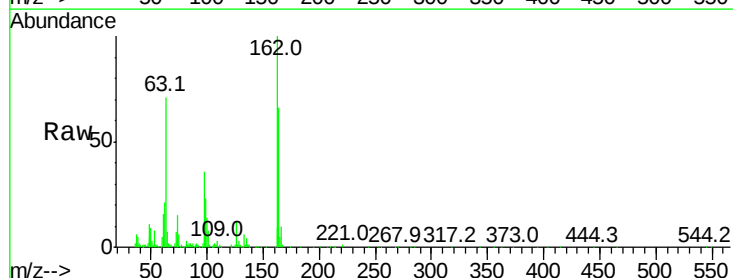
mohammad

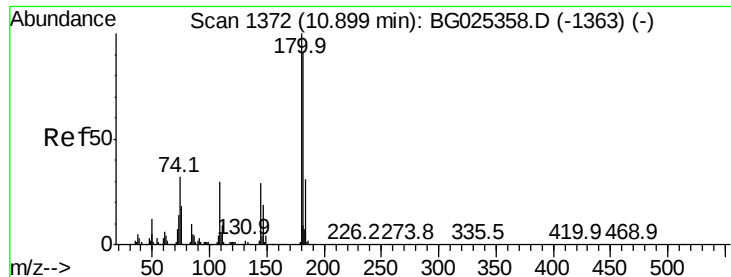
1/23/2017 4:59:52 PM



#29
2,4-Dichlorophenol
Concen: 57.82 ng
RT: 10.66 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	42.4	82.4
98	36.4	20.3	60.3



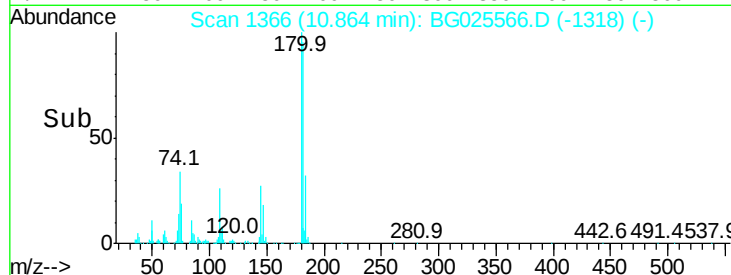
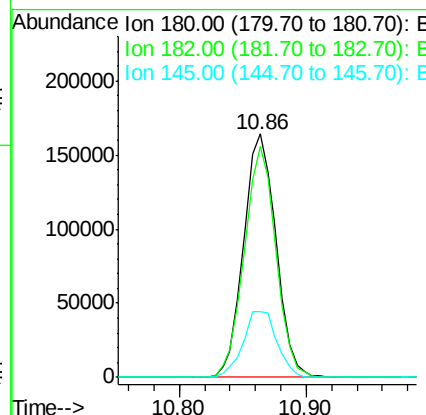
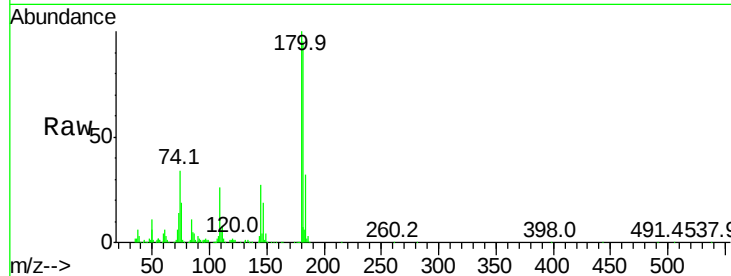


#30
1,2,4-Trichlorobenzene
Concen: 51.03 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
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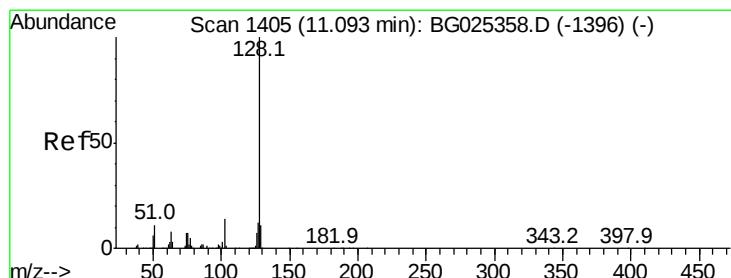
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.4
145	27.1	23.4	35.0

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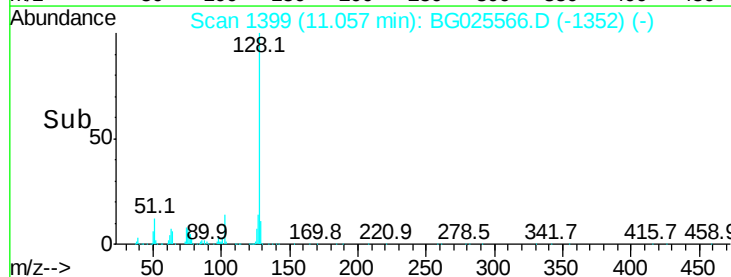
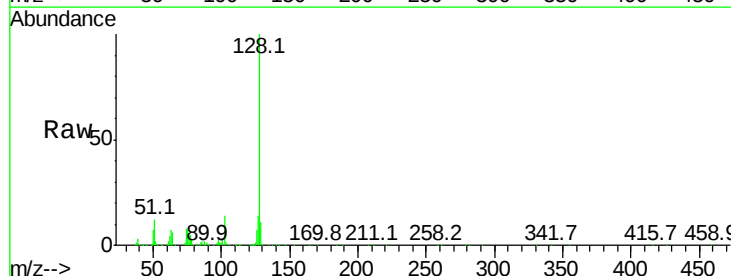
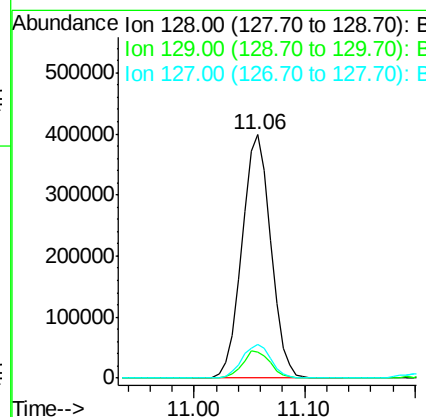
mohammad

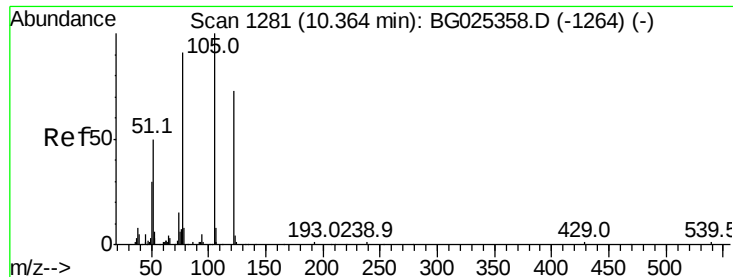
1/23/2017 4:59:52 PM



#31
Naphthalene
Concen: 51.99 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.3	13.9
127	14.0	11.4	17.0





#32

Benzoic acid

Concen: 37.81 ng

RT: 10.32 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:122 Resp: 133980

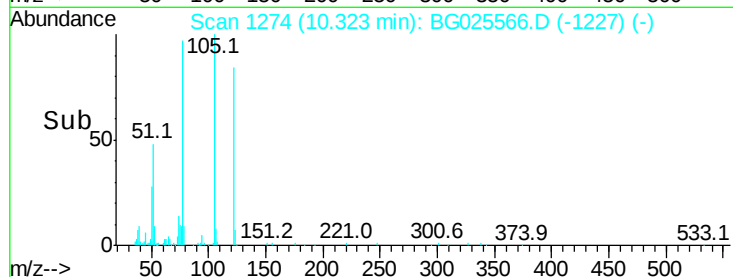
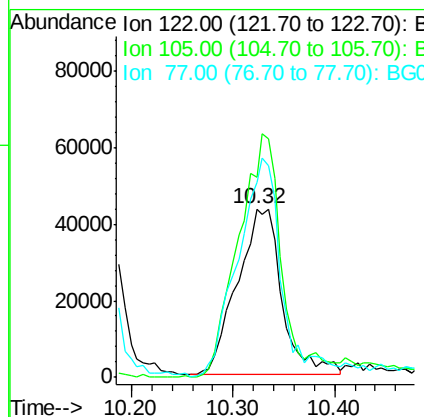
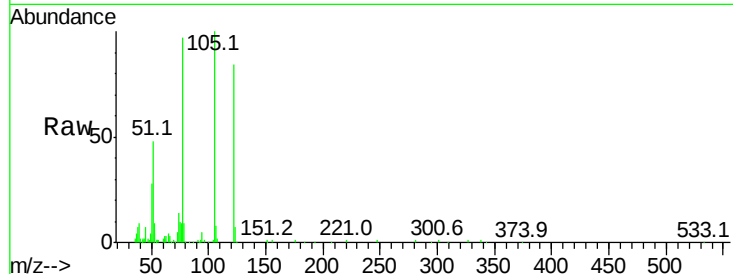
Ion Ratio Lower Upper

122 100

105 119.0 120.1 160.1#

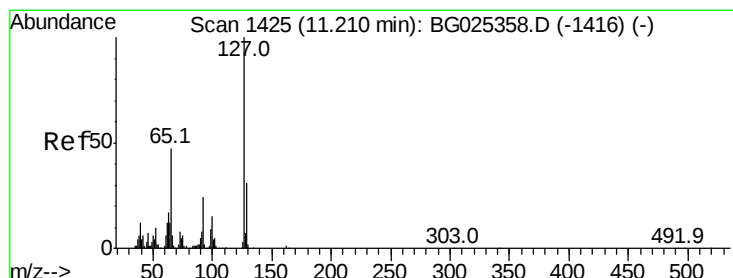
77 115.4 104.6 144.6

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#33

4-Chloroaniline

Concen: 2.54 ng

RT: 11.20 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion:127 Resp: 15065

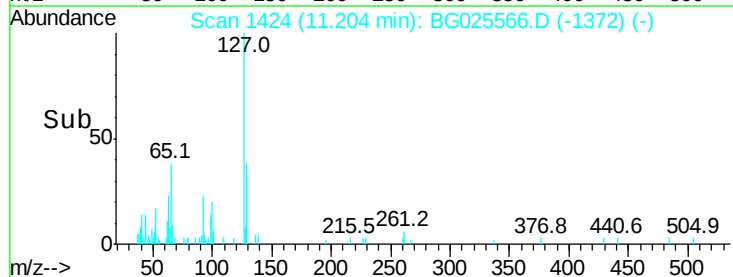
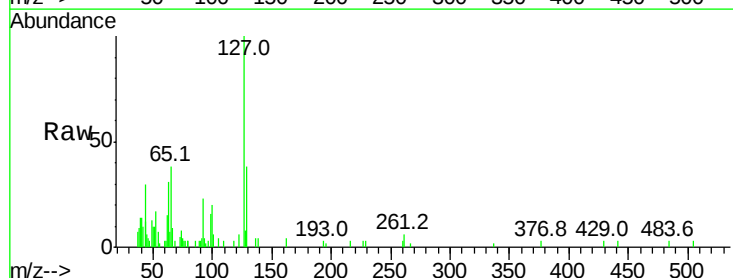
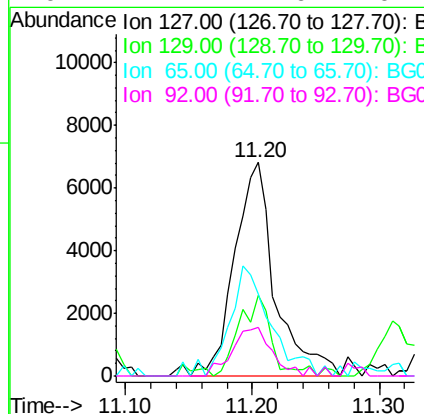
Ion Ratio Lower Upper

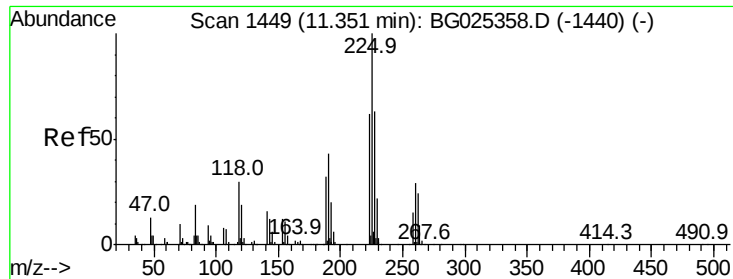
127 100

129 38.0 23.6 35.4#

65 38.3 37.7 56.5

92 22.7 17.6 26.4





#34

Hexachlorobutadiene

Concen: 48.61 ng

RT: 11.31 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

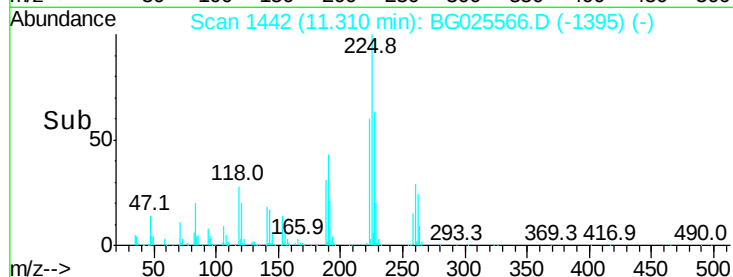
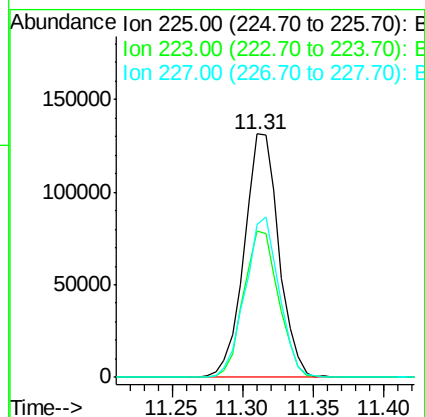
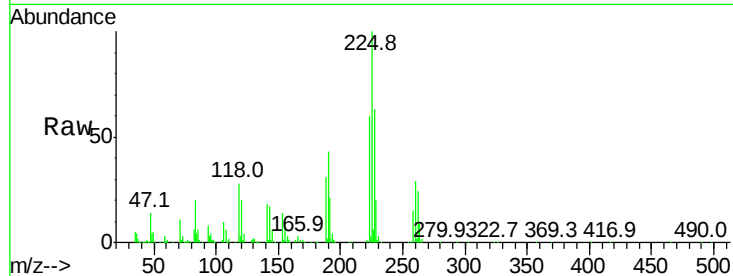
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

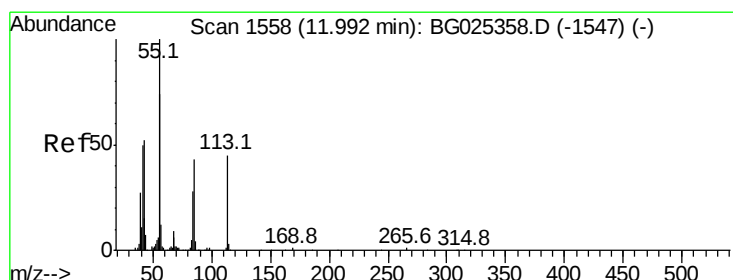
Tot Ion:	225	Resp:	226051
Ion Ratio	Lower	Upper	
225	100		
223	60.1	50.7	76.1
227	65.6	49.0	73.6

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#35

Caprolactam

Concen: 48.06 ng m

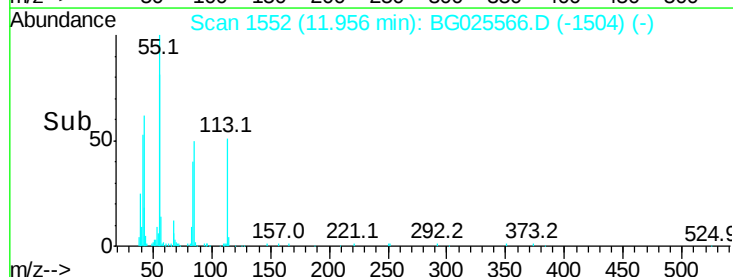
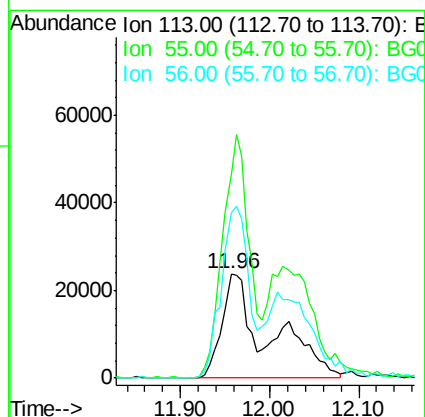
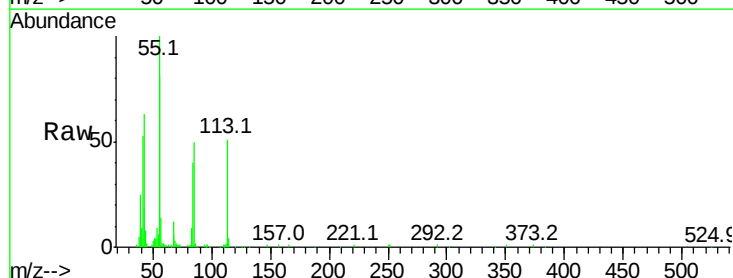
RT: 11.96 min Scan# 1552

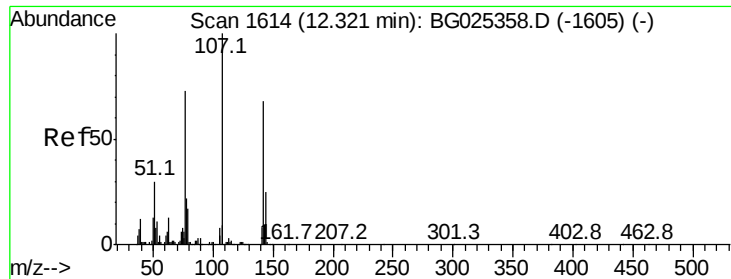
Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion:	113	Resp:	85146
Ion Ratio	Lower	Upper	
113	100		
55	195.8	198.6	238.6#
56	159.1	140.4	180.4



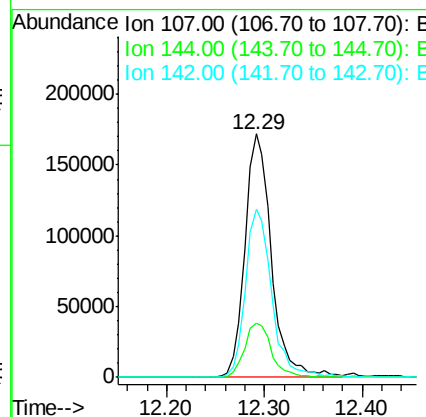
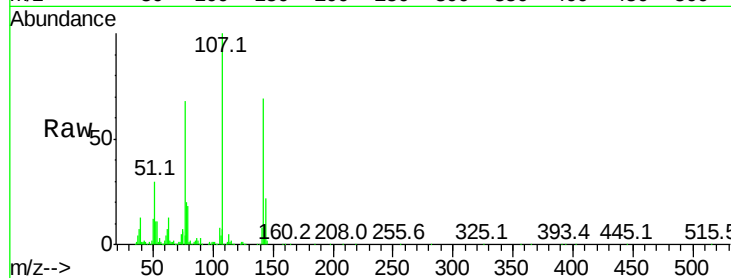


#36
4-Chloro-3-methylphenol
Concen: 55.82 ng
RT: 12.29 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

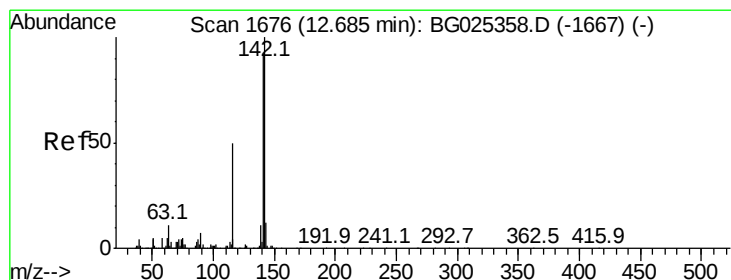
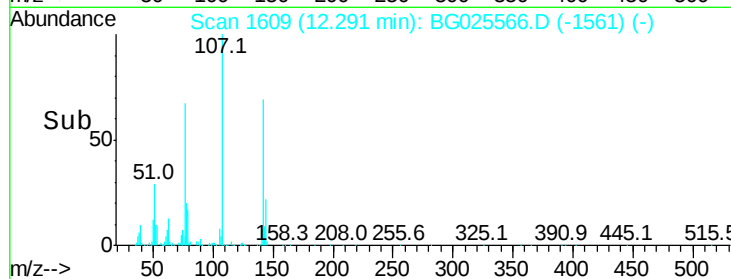
Tot Ion	Ratio	Lower	Upper
107	100		
144	22.4	17.4	26.0
142	69.2	54.1	81.1

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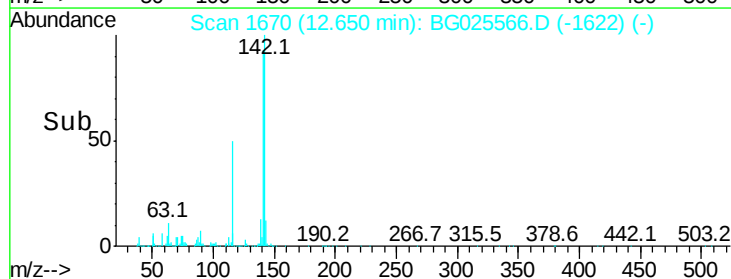
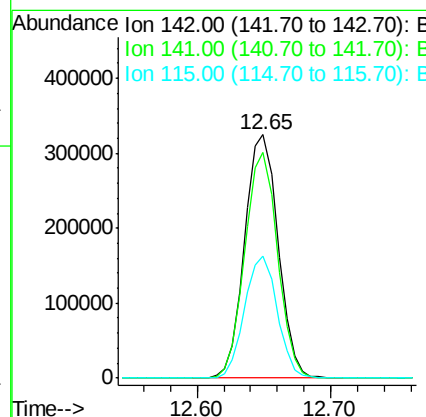
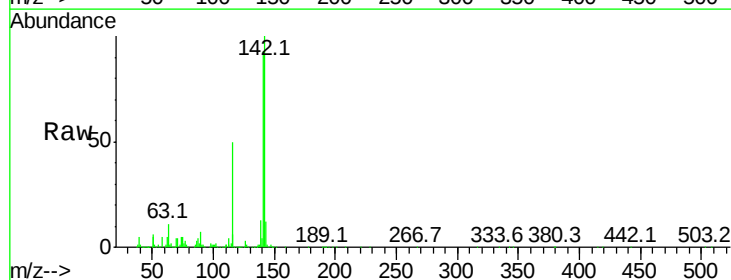
mohammad

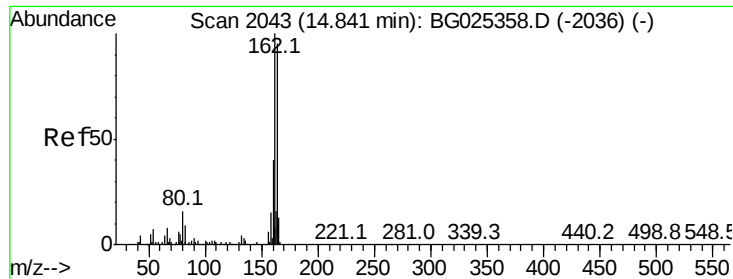
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#37
2-Methylnaphthalene
Concen: 53.70 ng
RT: 12.65 min Scan# 1670
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.4	105.6
115	49.9	35.5	53.3



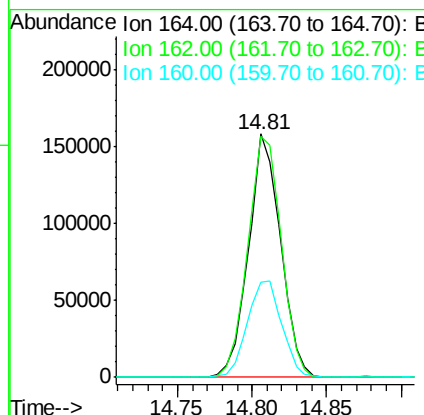
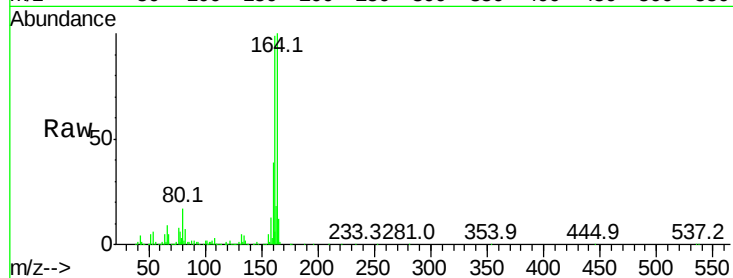


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

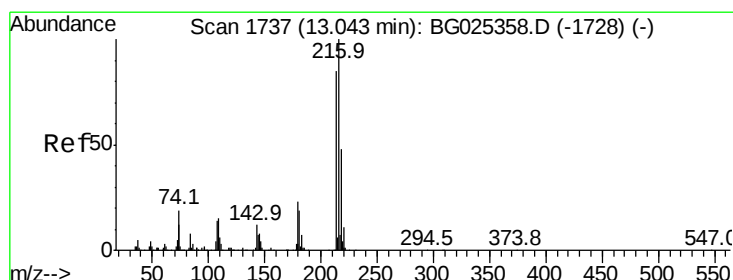
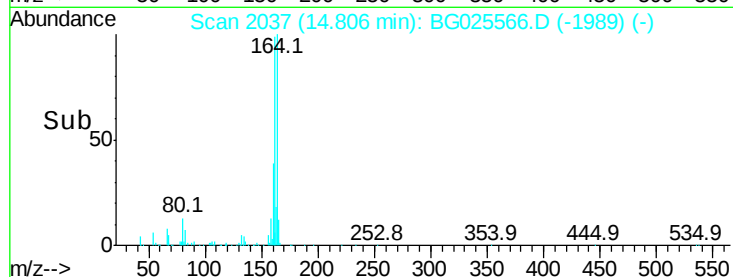
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	85.1	127.7
160	39.3	34.7	52.1

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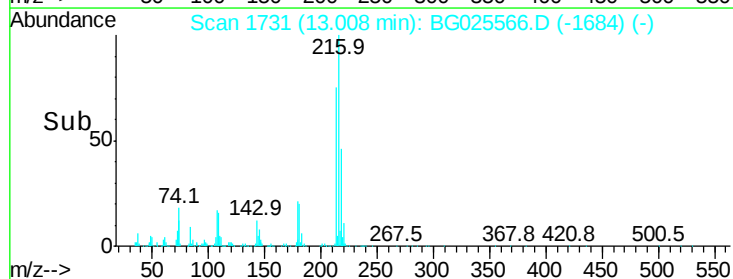
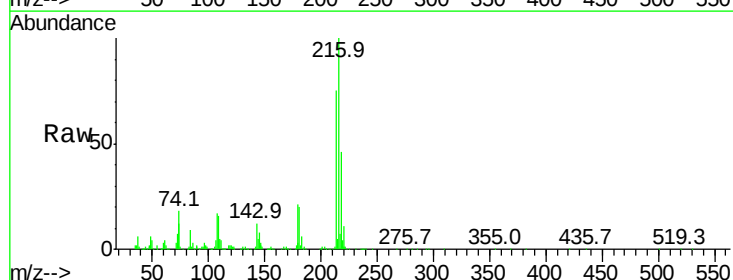
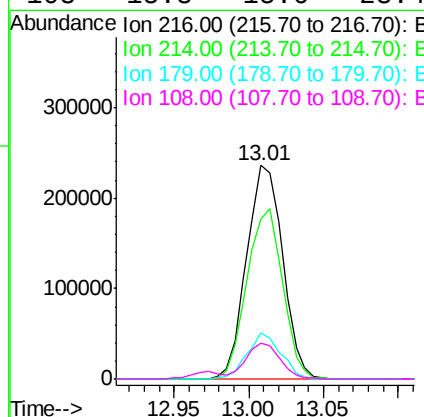
mohammad

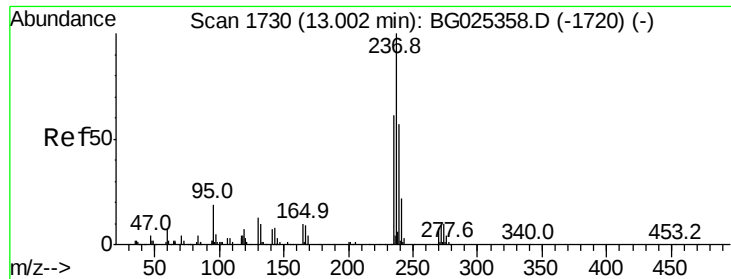
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.22 ng
RT: 13.01 min Scan# 1731
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.4	96.6
179	20.4	17.4	26.0
108	15.8	15.6	23.4



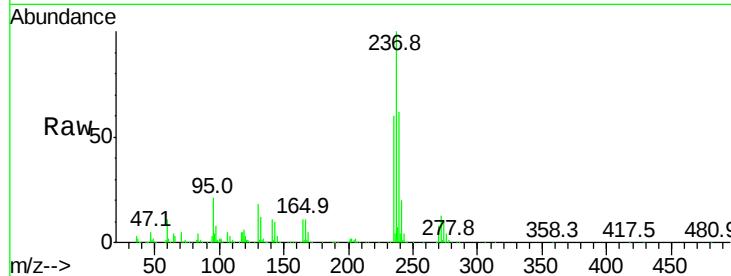


#40
Hexachlorocyclopentadiene
Concen: 124.06 ng
RT: 12.97 min Scan# 1725
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

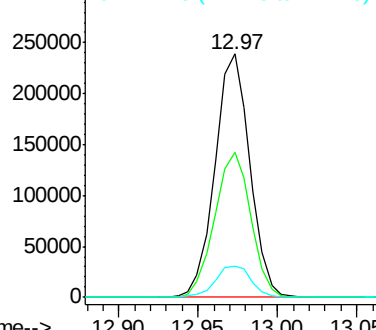
Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	59.6	39.4	79.4
272	12.7	0.0	32.0

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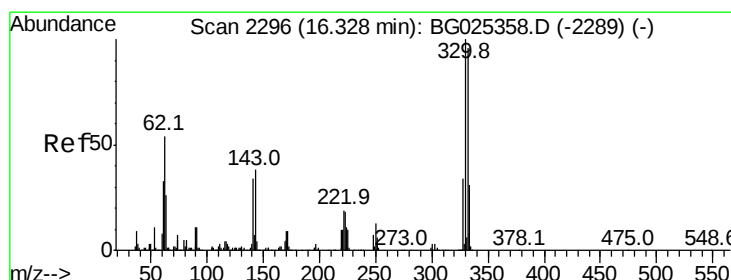
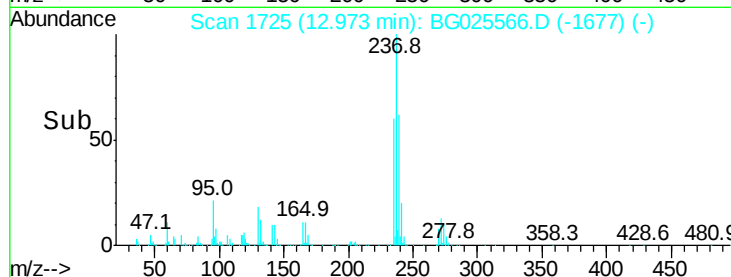


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



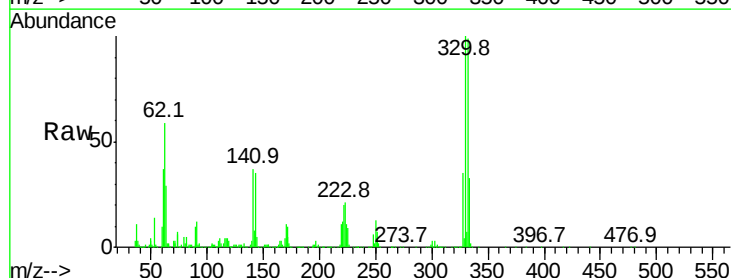
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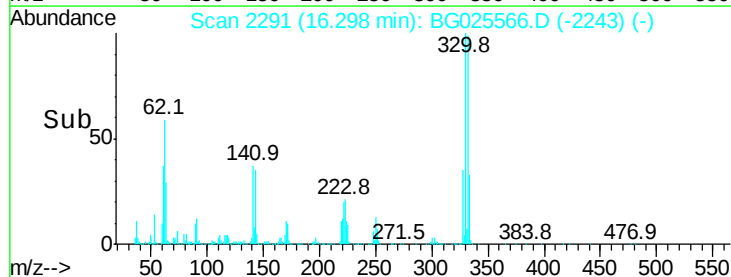
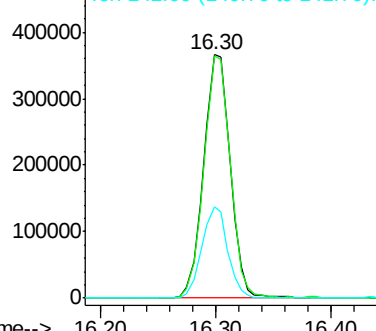


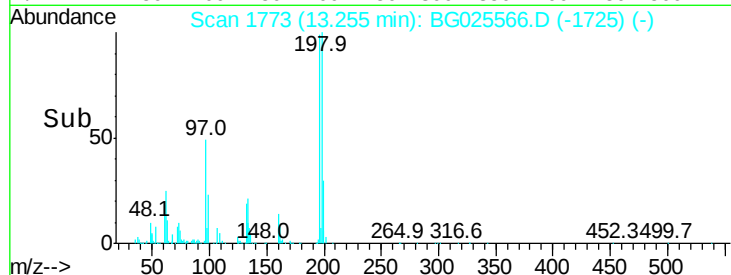
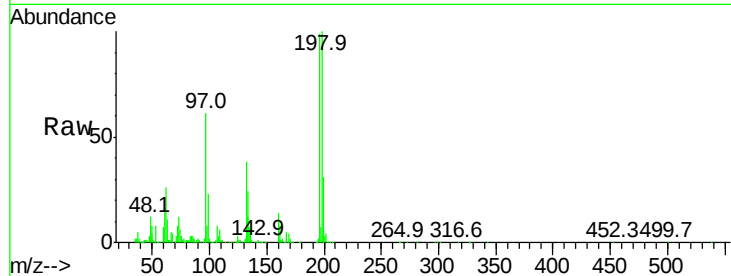
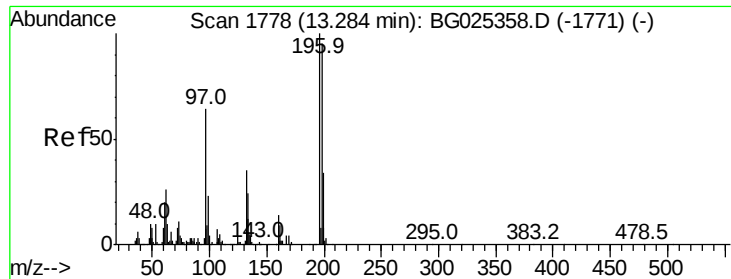
#41
2,4,6-Tribromophenol
Concen: 155.44 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.3	115.9
141	36.4	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



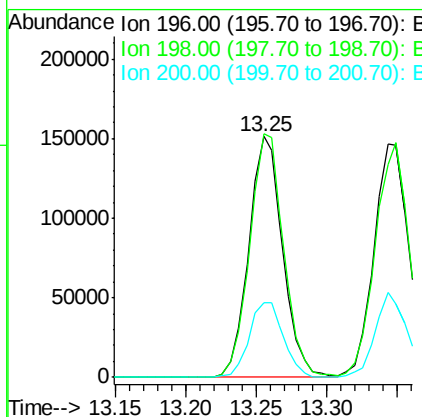


#42
2,4,6-Trichlorophenol
Concen: 52.59 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255376		
198	101.1	81.4	122.2	
200	31.0	27.0	40.6	

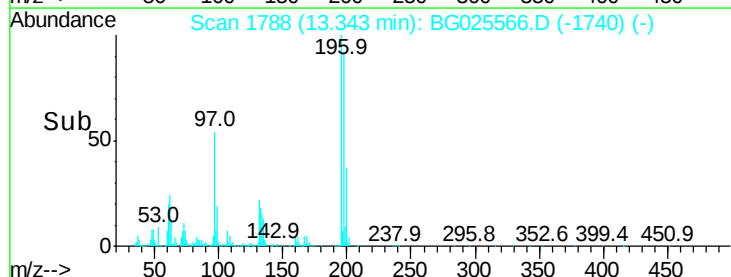
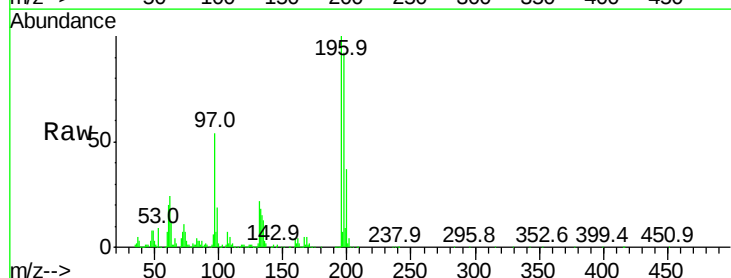
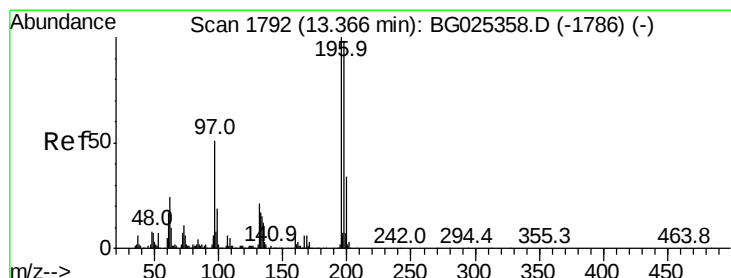
Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

Manual Integrations
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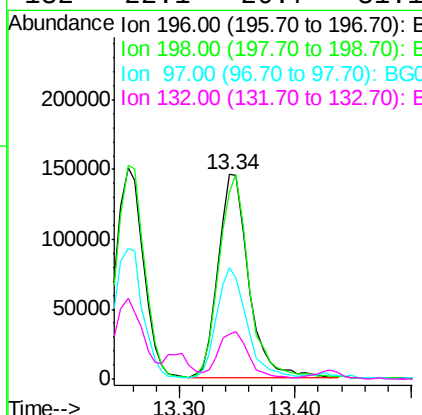
mohammad

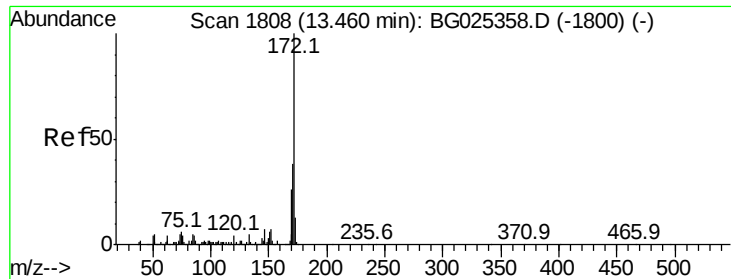
1/23/2017 4:59:52 PM



#43
2,4,5-Trichlorophenol
Concen: 52.81 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268439		
198	91.5	79.9	119.9	
97	54.2	45.4	68.0	
132	22.1	20.7	31.1	



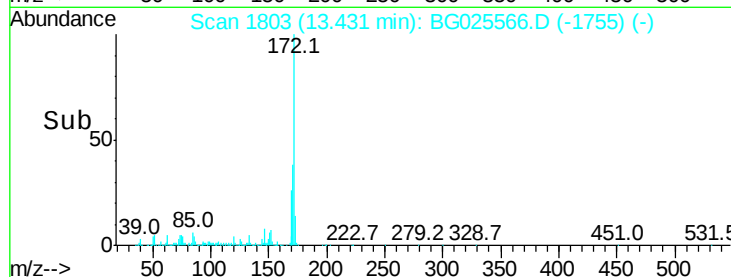
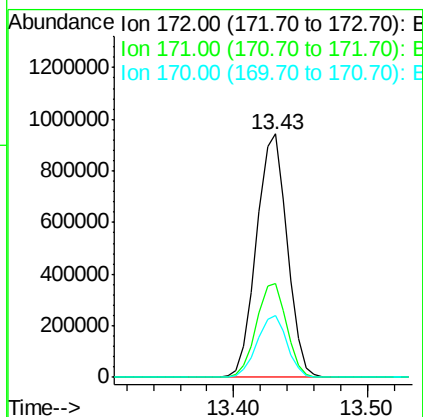
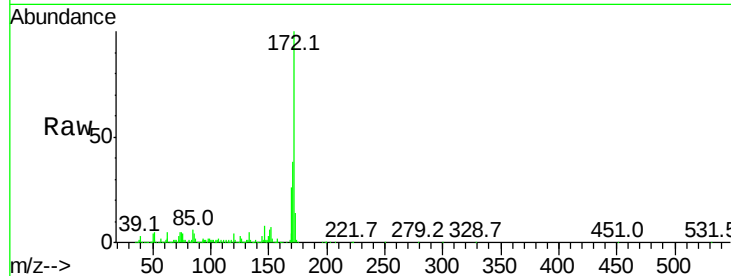


#44
2-Fluorobiphenyl
Concen: 103.39 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

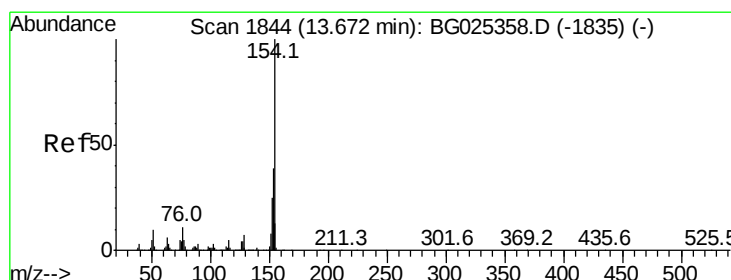
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	25.5	21.8	32.6

Manual Integrations
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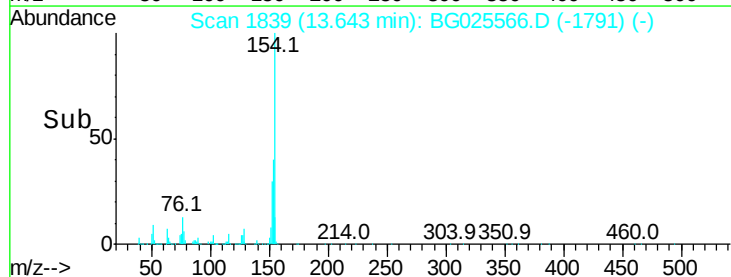
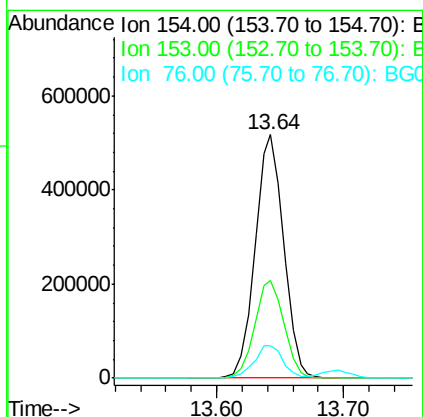
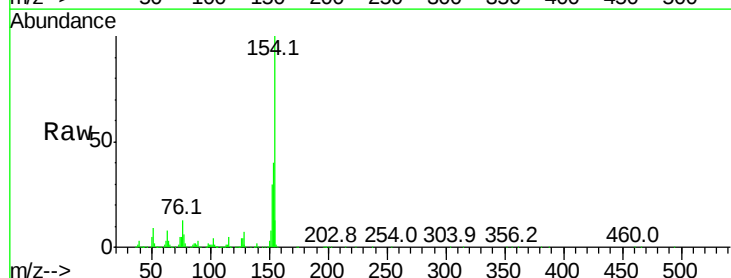
mohammad

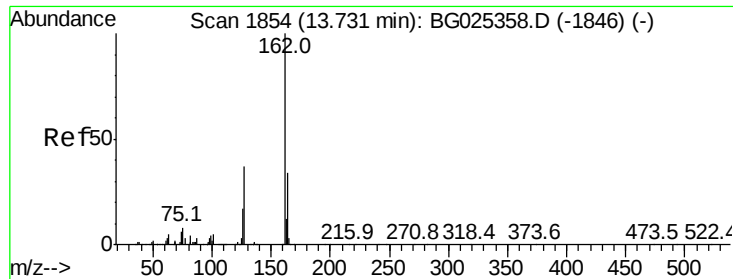
1/23/2017 4:59:52 PM



#45
1,1'-Biphenyl
Concen: 51.48 ng
RT: 13.64 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	23.0	63.0
76	13.5	0.0	33.5



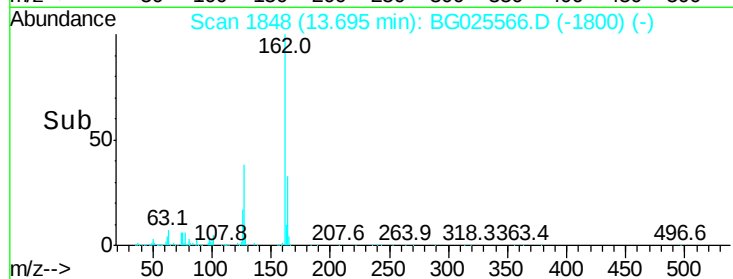
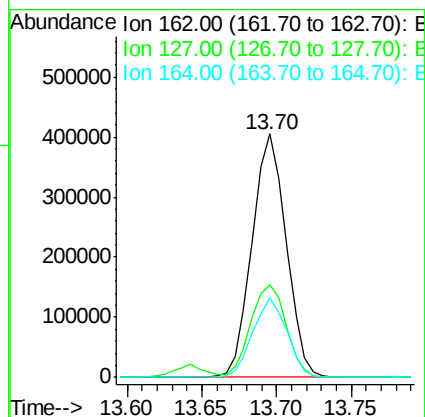
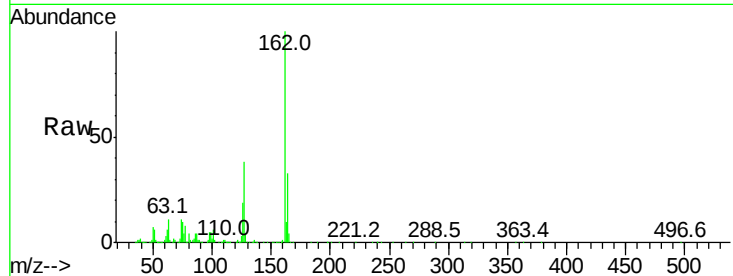


#46
2-Chloronaphthalene
Concen: 52.09 ng
RT: 13.70 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

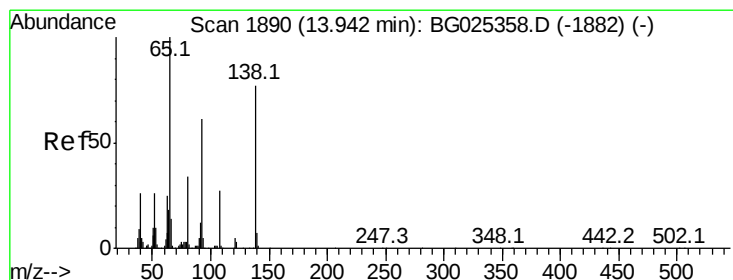
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.2	48.4
164	33.0	27.3	40.9

Manual Integrations
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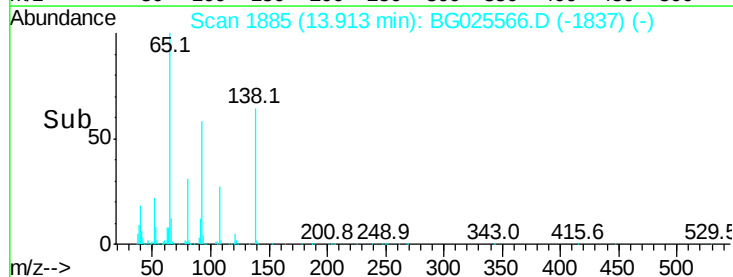
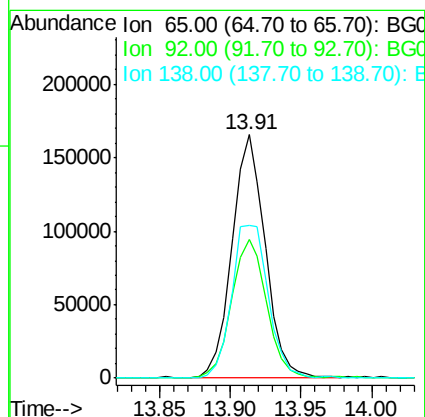
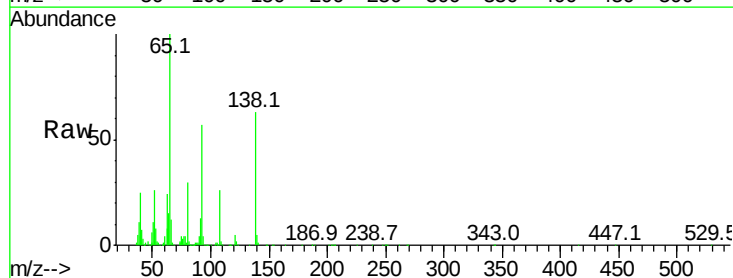
mohammad

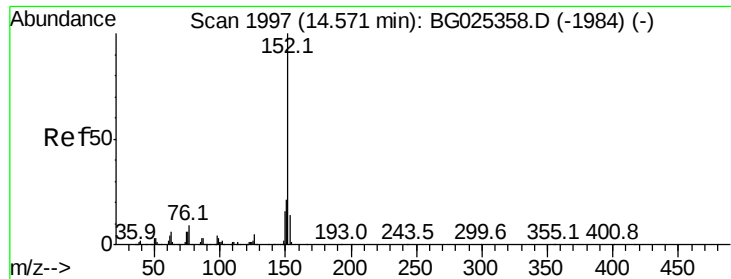
1/23/2017 4:59:52 PM



#47
2-Nitroaniline
Concen: 52.55 ng
RT: 13.91 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.1	49.0	73.4
138	62.8	58.6	87.8





#48

Acenaphthylene

Concen: 50.71 ng

RT: 14.54 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

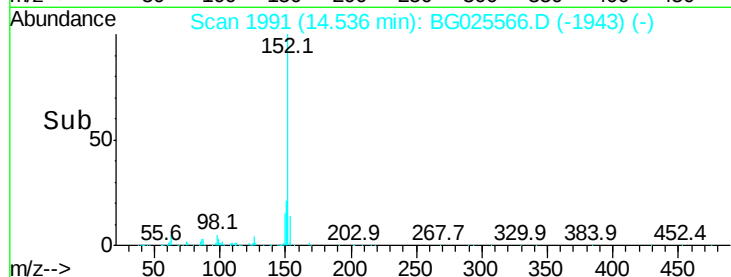
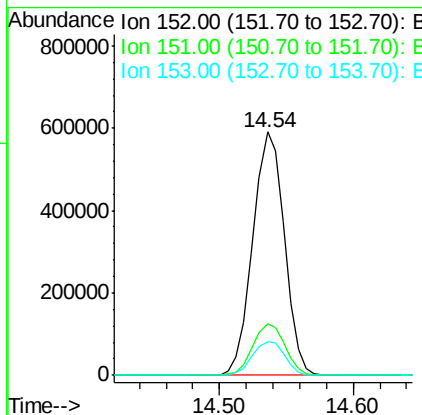
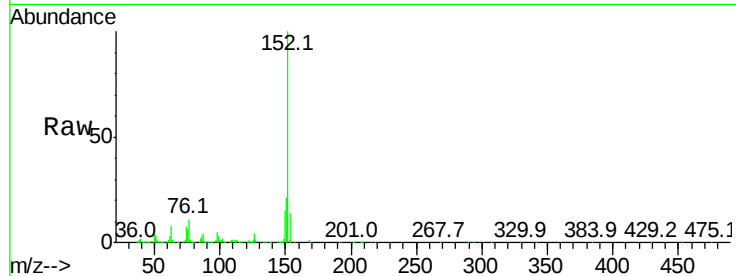
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

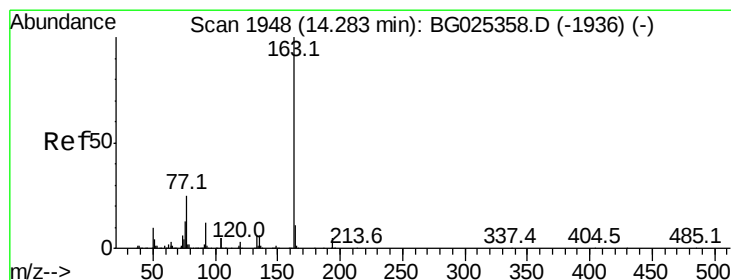
Tot Ion:	152	Resp:	964812
Ion Ratio	Lower	Upper	
152	100		
151	21.2	18.2	27.2
153	13.9	11.3	16.9

Manual Integrations
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#49

Dimethylphthalate

Concen: 53.29 ng

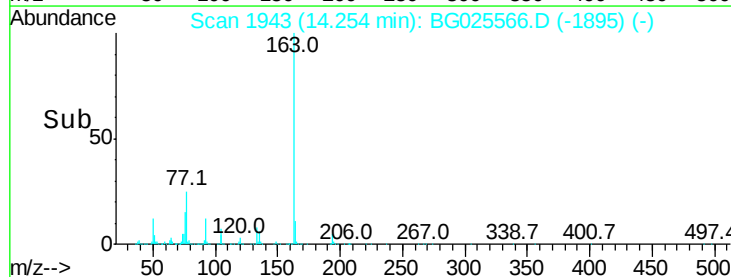
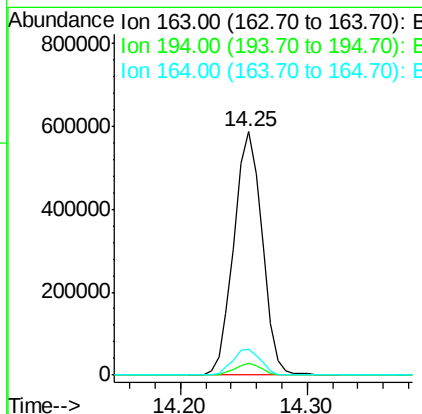
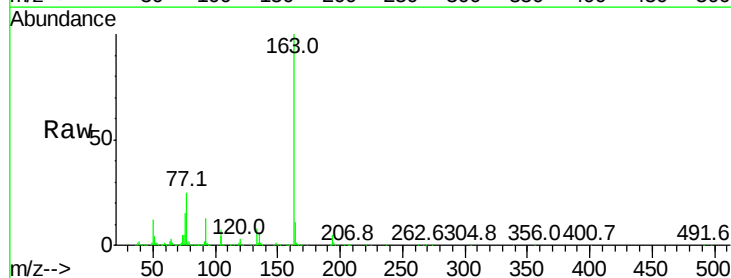
RT: 14.25 min Scan# 1943

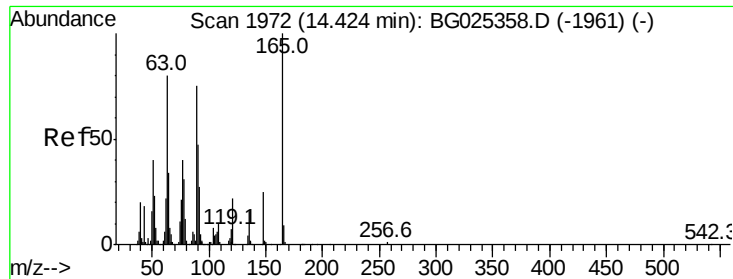
Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion:	163	Resp:	907445
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.8	5.6
164	10.8	9.3	13.9



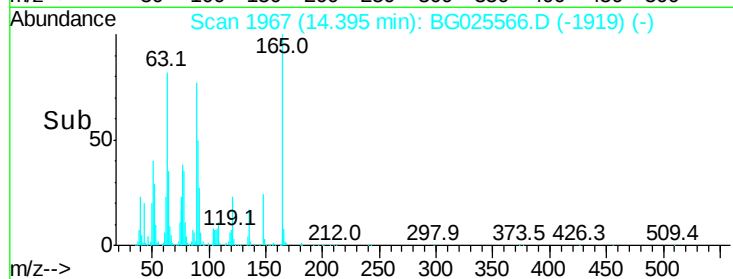
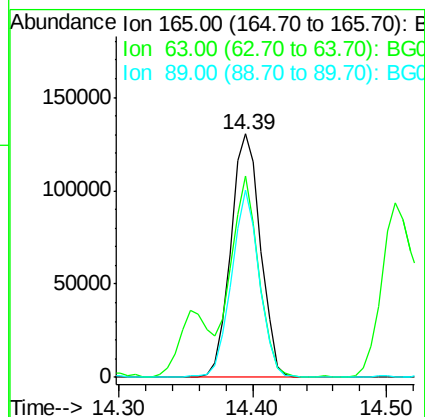
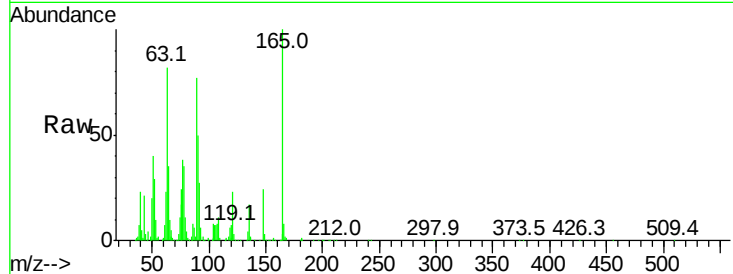


#50
2,6-Dinitrotoluene
Concen: 54.41 ng
RT: 14.39 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

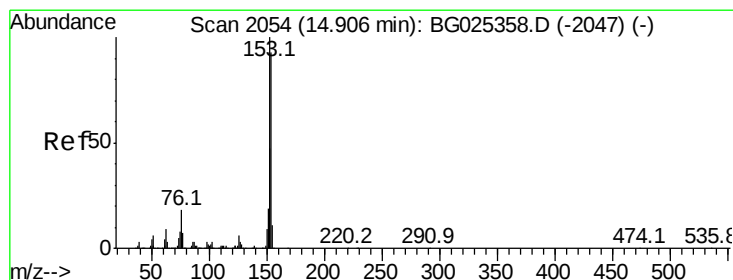
Tot Ion:	165	Resp:	202428
Ion Ratio	Lower	Upper	
165	100		
63	82.4	63.9	95.9
89	76.8	58.6	88.0

Manual Integrations
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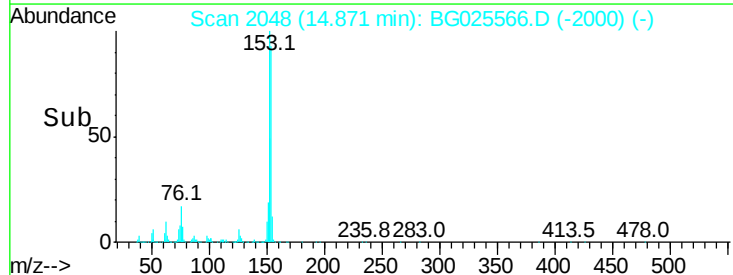
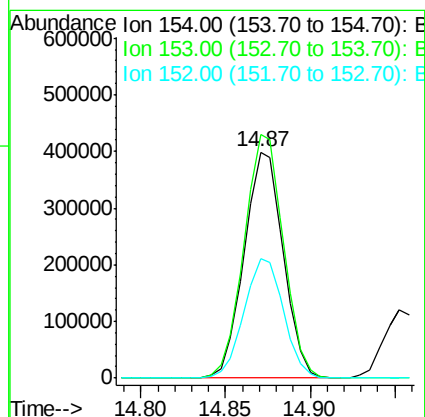
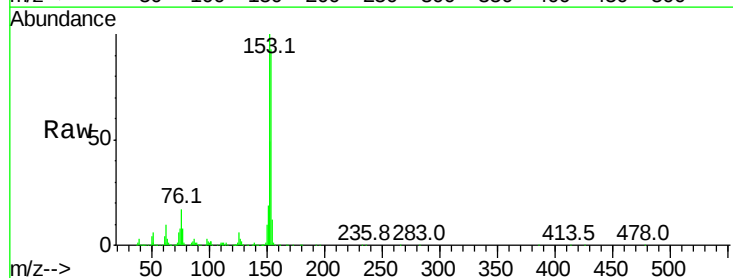
mohammad

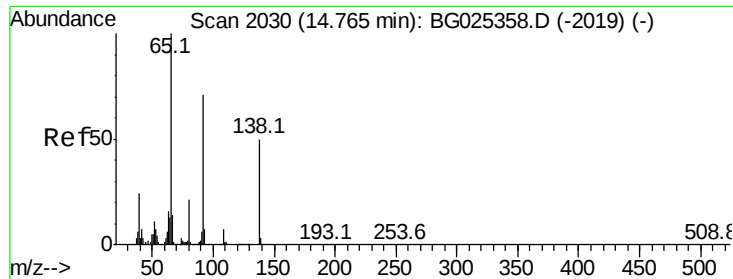
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#51
Acenaphthene
Concen: 51.32 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion:	154	Resp:	638580
Ion Ratio	Lower	Upper	
154	100		
153	107.6	87.8	131.6
152	52.7	42.2	63.4





#52

3-Nitroaniline

Concen: 3.43 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

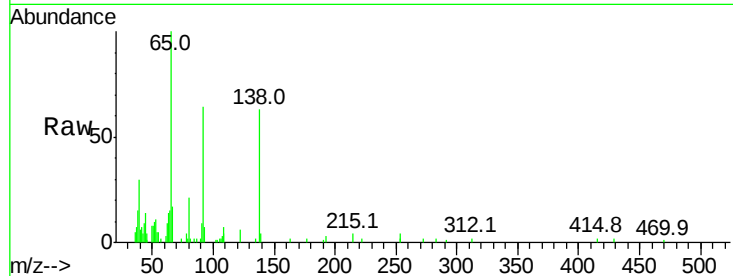
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	10.9	16.3
92	101.9	115.3	172.9#

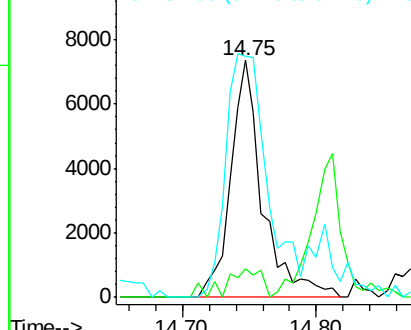
Manual Integrations
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Abundance Ion 138.00 (137.70 to 138.70): E

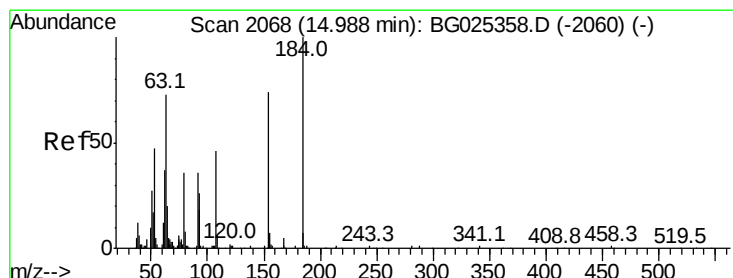
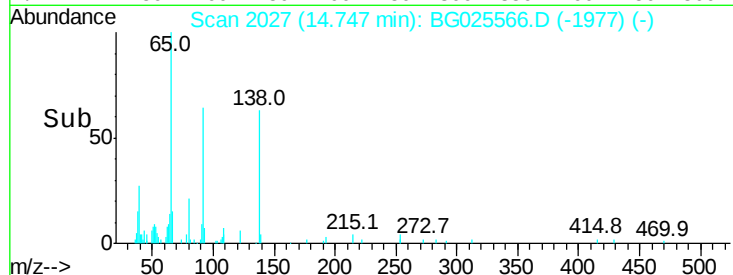
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



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#53

2,4-Dinitrophenol

Concen: 105.61 ng

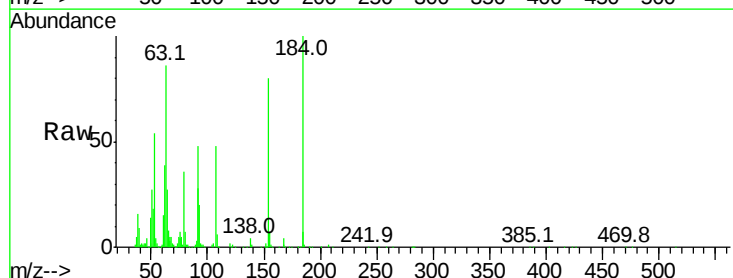
RT: 14.95 min Scan# 2062

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

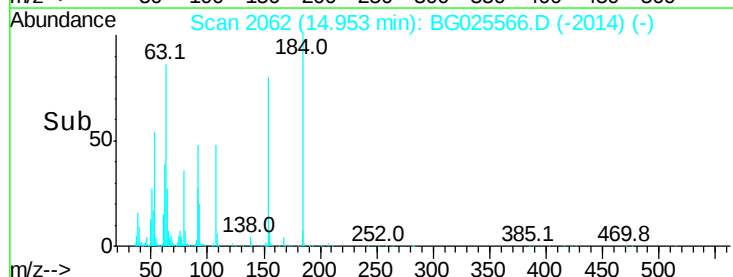
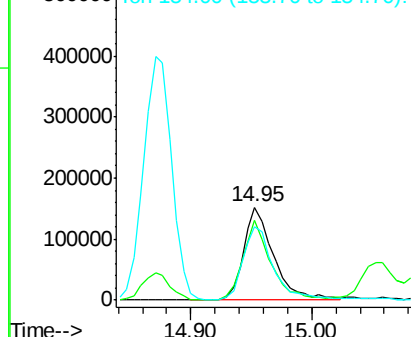
Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.8	52.7	79.1#
154	79.8	57.3	85.9

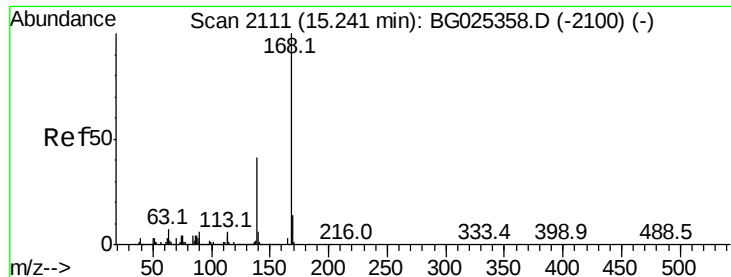


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 52.77 ng

RT: 15.21 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:168 Resp: 1038109

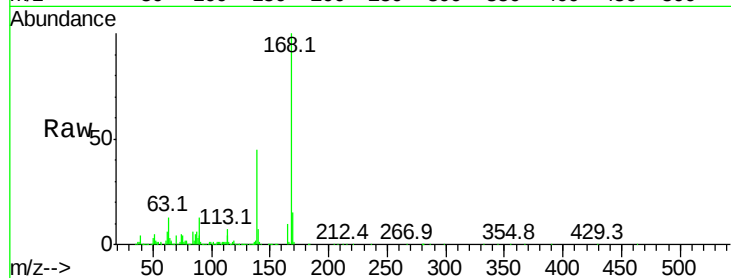
Ion Ratio Lower Upper

168 100

139 45.0 35.3 52.9

169 15.3 11.5 17.3

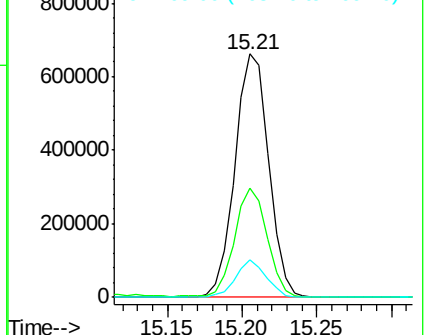
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Abundance Ion 168.00 (167.70 to 168.70): E

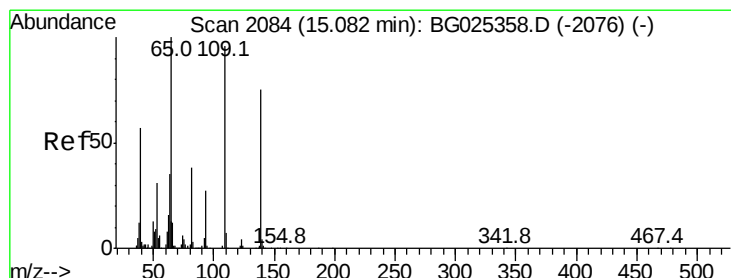
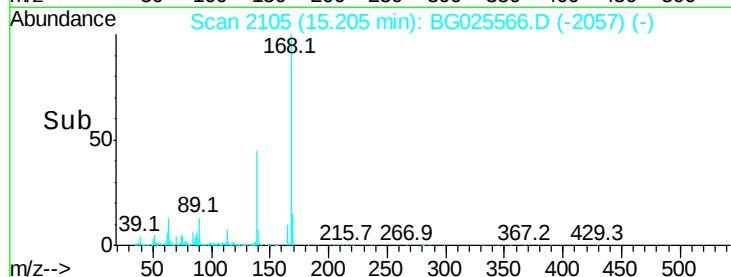
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#55

4-Nitrophenol

Concen: 105.47 ng

RT: 15.06 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

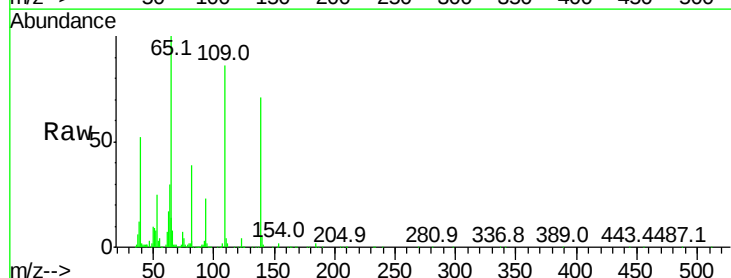
Tgt Ion:139 Resp: 281745

Ion Ratio Lower Upper

139 100

109 121.0 101.2 141.2

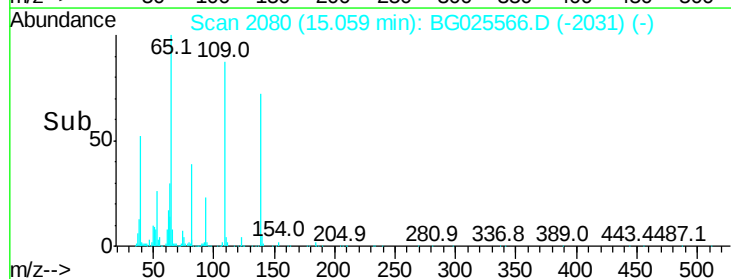
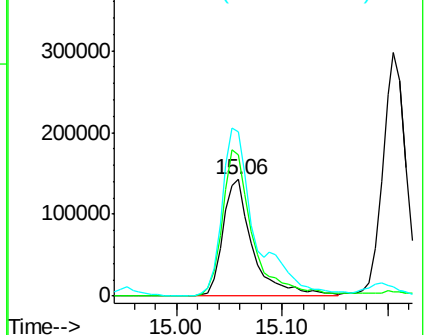
65 141.2 135.3 175.3

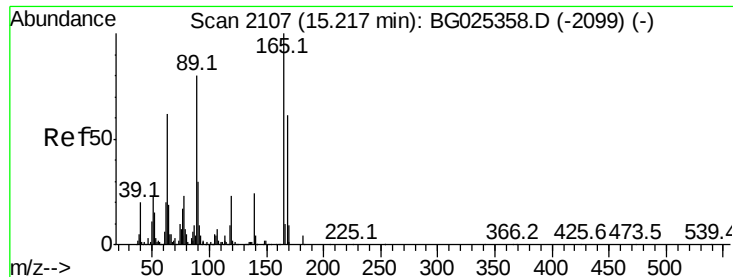


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#56

2,4-Dinitrotoluene

Concen: 56.65 ng

RT: 15.19 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

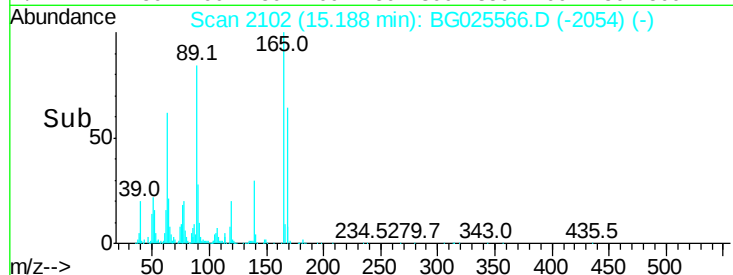
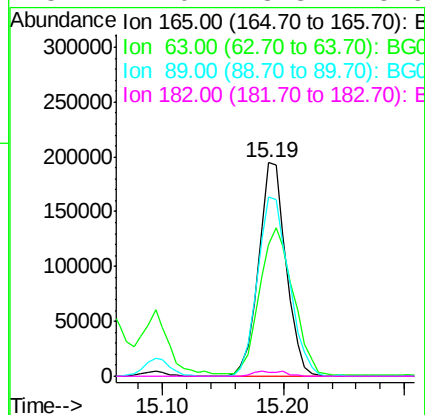
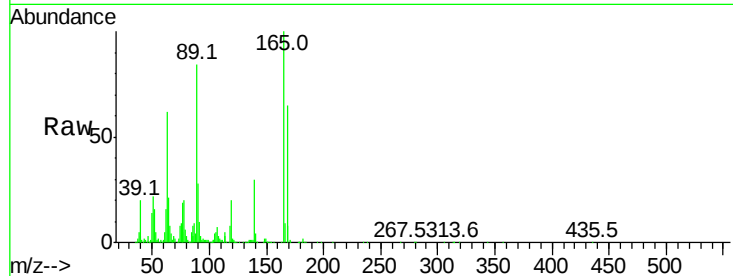
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

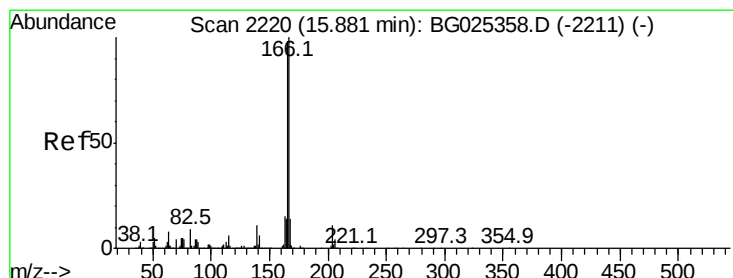
Tot Ion:	165	Resp:	306850
Ion Ratio	Lower	Upper	
165	100		
63	62.0	44.0	66.0
89	84.2	67.3	100.9
182	2.0	3.8	5.6#

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#57

Fluorene

Concen: 51.89 ng

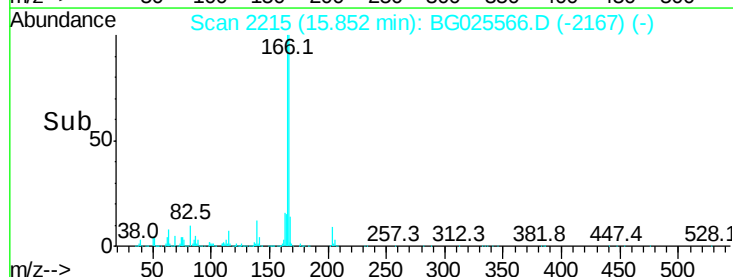
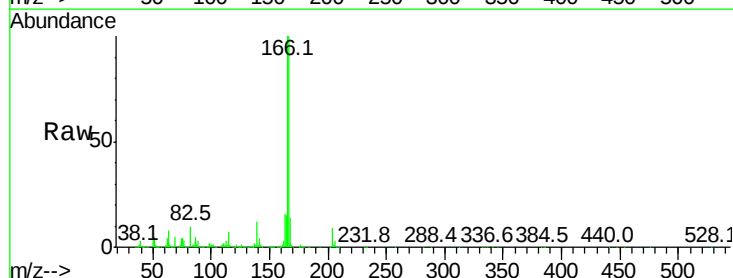
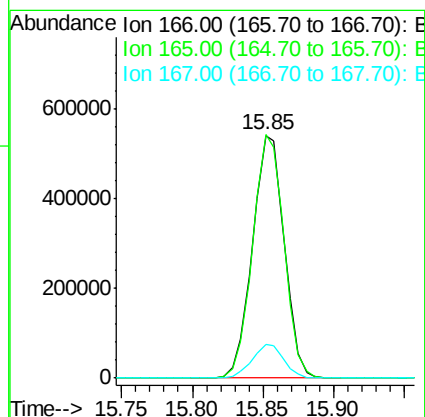
RT: 15.85 min Scan# 2215

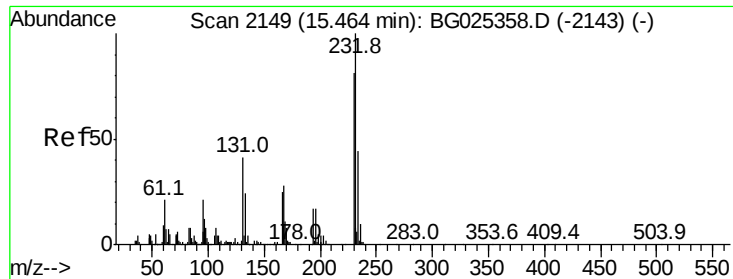
Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion:	166	Resp:	854716
Ion Ratio	Lower	Upper	
166	100		
165	100.3	78.6	117.8
167	14.1	11.6	17.4



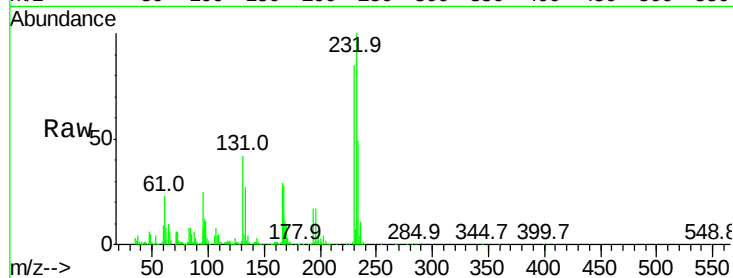


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.24 ng
 RT: 15.43 min Scan# 2144
 Delta R.T. -0.02 min
 Lab File: BG025566.D
 Acq: 21 Jan 2017 10:04

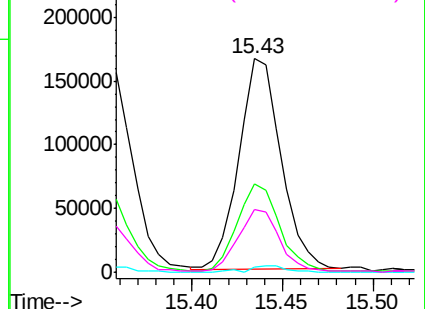
Instrument :
 BNA_G
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	268105		
131	41.2		34.9	52.3
130	2.8		2.3	3.5
166	29.5		24.2	36.4

Manual Integrations
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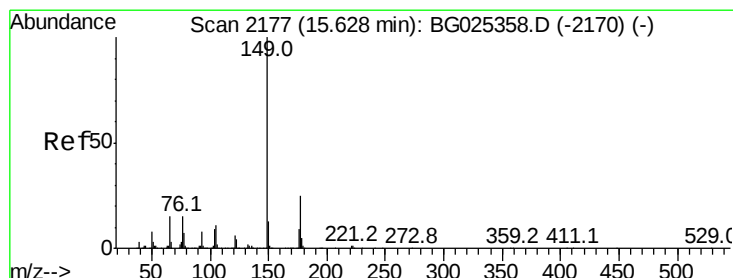
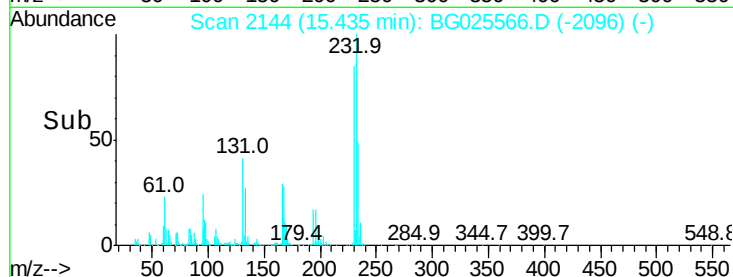


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



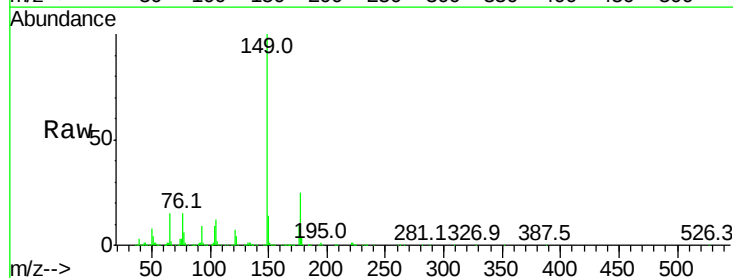
mohammad

1/23/2017 4:59:52 PM

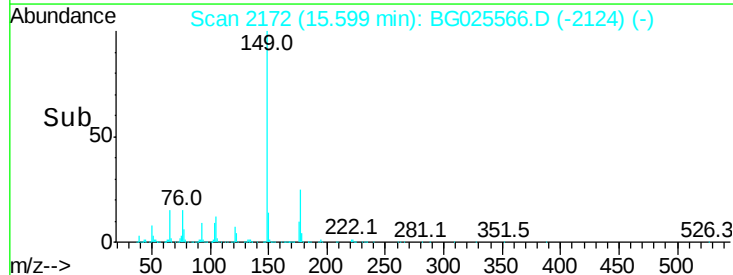
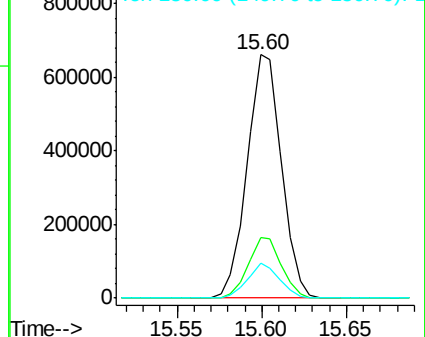


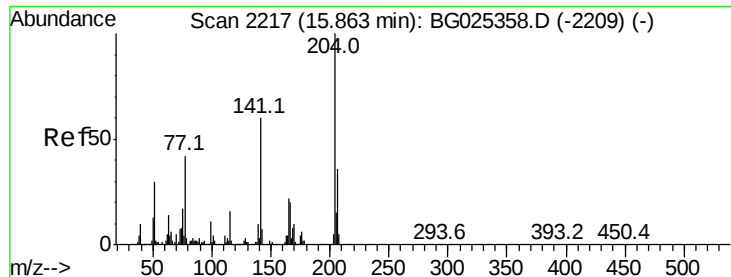
#59
 Diethylphthalate
 Concen: 52.48 ng
 RT: 15.60 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG025566.D
 Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	937158		
177	25.0		20.1	30.1
150	14.5		10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



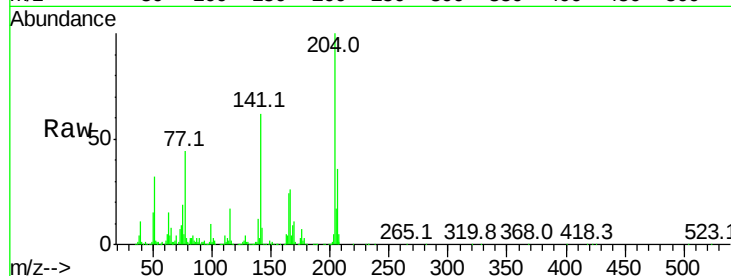


#60
4-Chlorophenyl-phenylether
Concen: 51.26 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

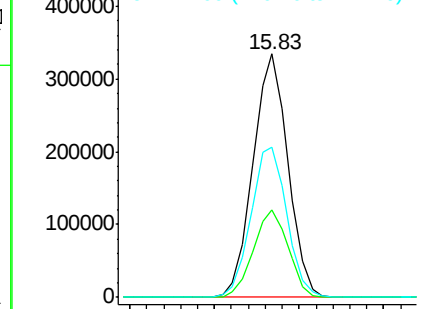
Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	30.1	45.1
141	61.6	50.6	76.0

Manual Integrations
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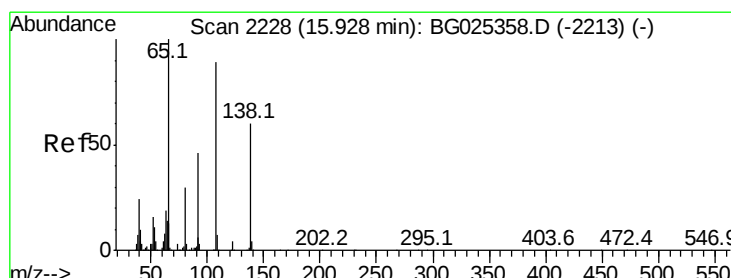
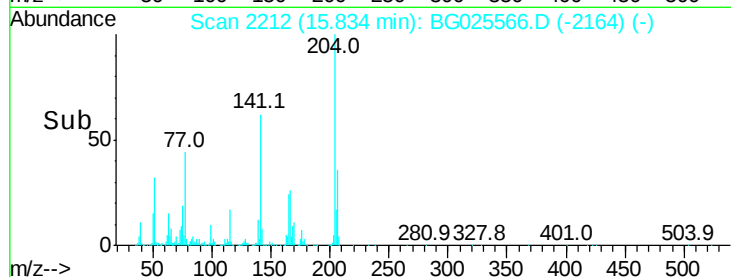


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



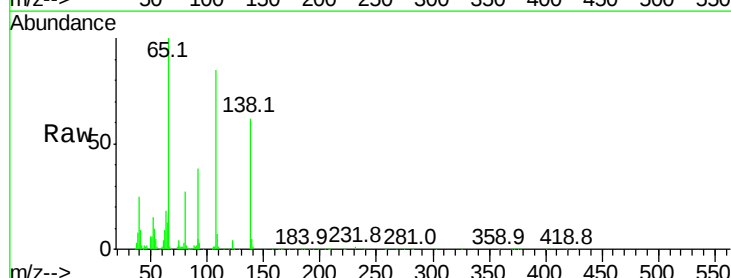
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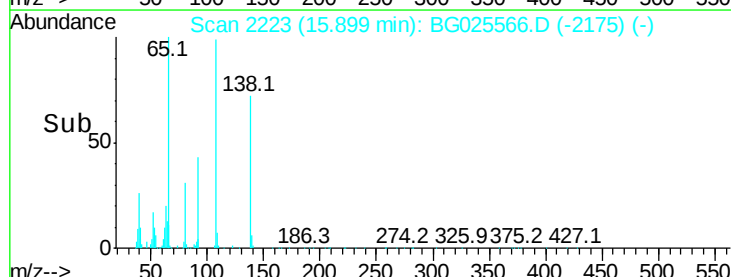
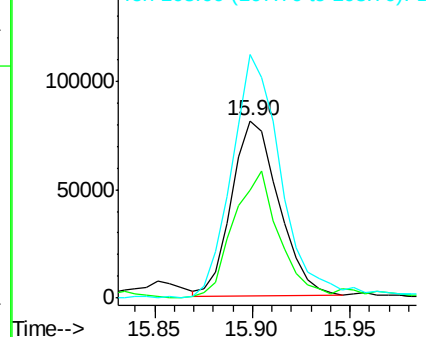


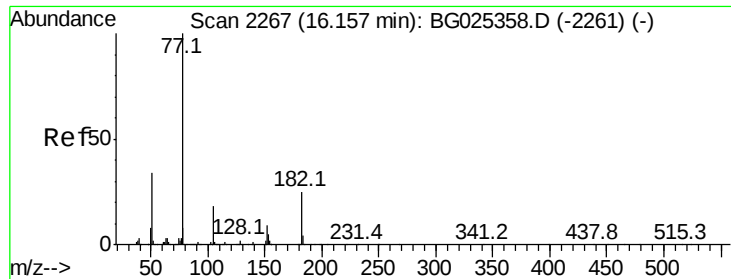
#61
4-Nitroaniline
Concen: 37.49 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.1	44.2	84.2
108	137.3	104.8	144.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 58.55 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion: 77 Resp: 1008372

Ion Ratio Lower Upper

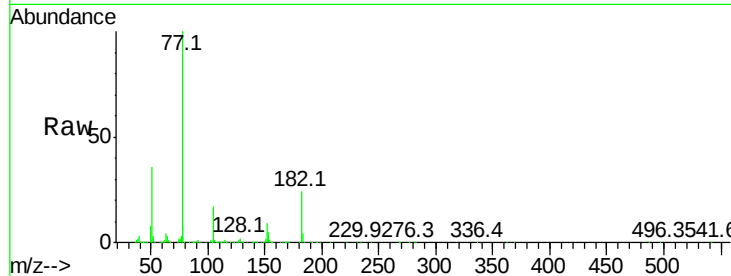
77 100

182 23.8 4.7 44.7

105 17.1 0.0 36.3

51 36.0 16.4 56.4

Manual Integrations
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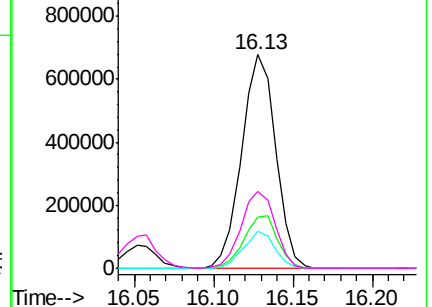


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

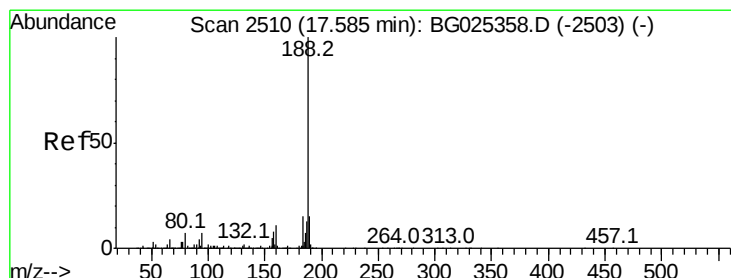
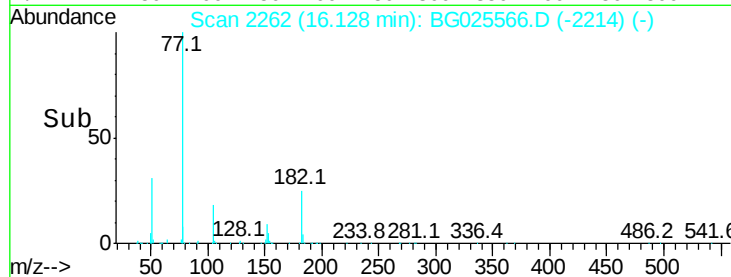
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

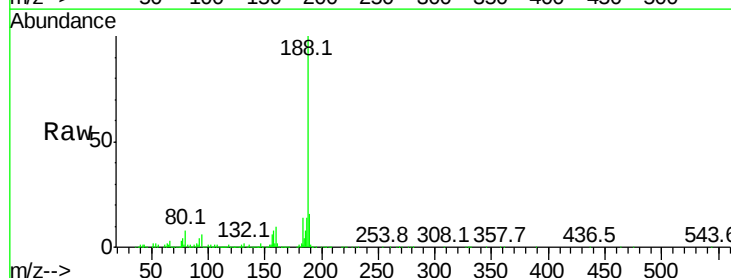
Tgt Ion: 188 Resp: 530702

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

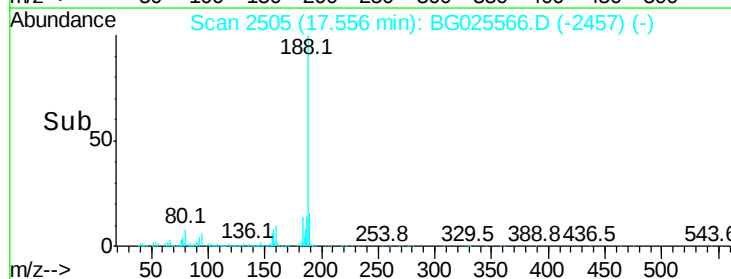
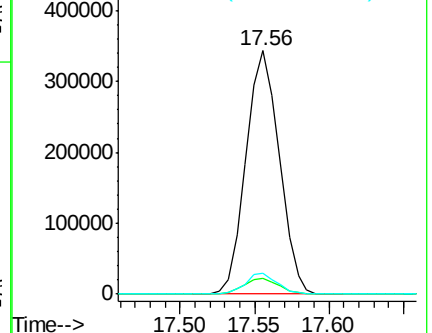
80 8.3 7.5 11.3

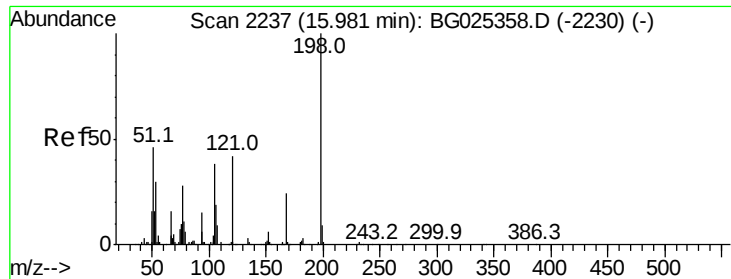


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 55.24 ng

RT: 15.96 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:198 Resp: 203023

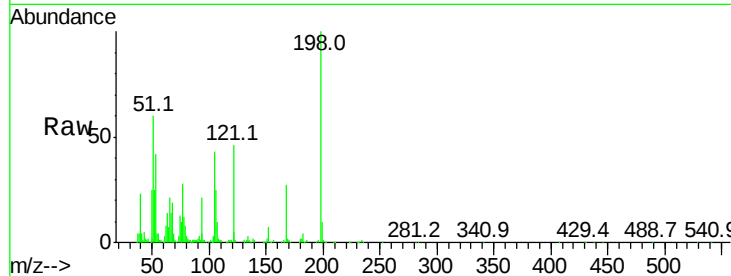
Ion Ratio Lower Upper

198 100

51 60.3 22.6 62.6

105 43.0 14.4 54.4

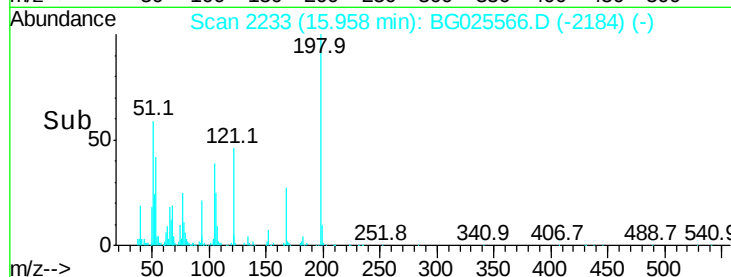
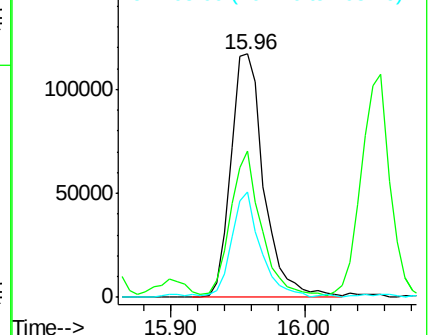
Manual Integrations
APPROVED



Abundance Ion 198.00 (197.70 to 198.70): E

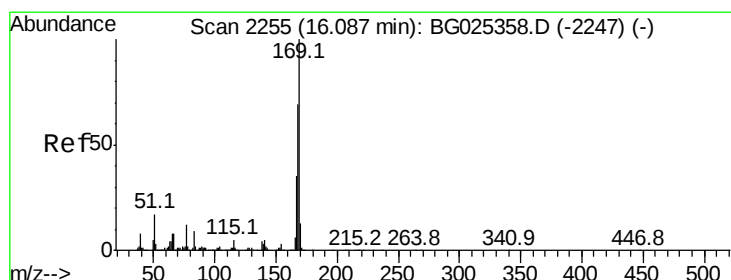
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 54.07 ng

RT: 16.05 min Scan# 2249

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

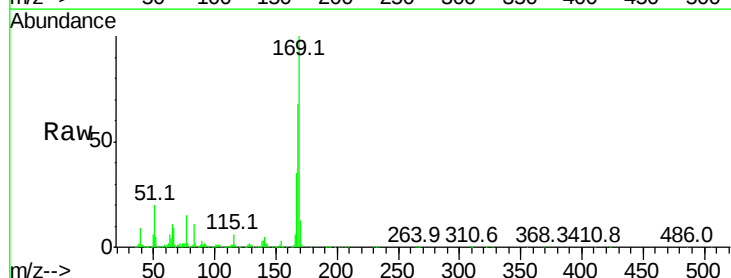
Tgt Ion:169 Resp: 775677

Ion Ratio Lower Upper

169 100

168 68.3 55.7 83.5

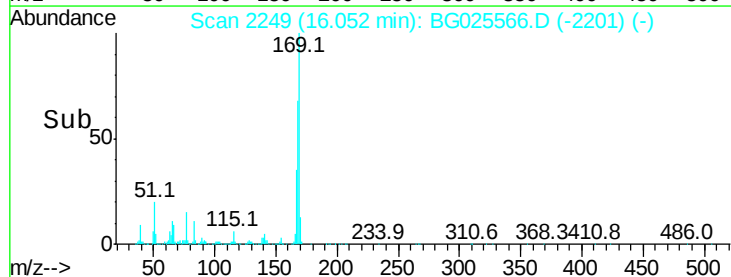
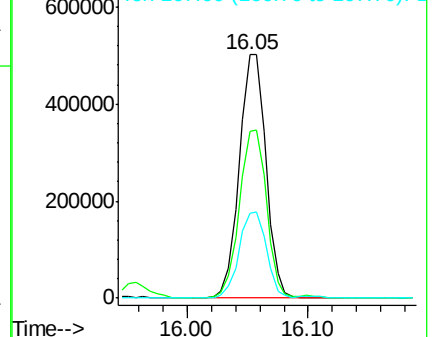
167 34.7 29.8 44.6

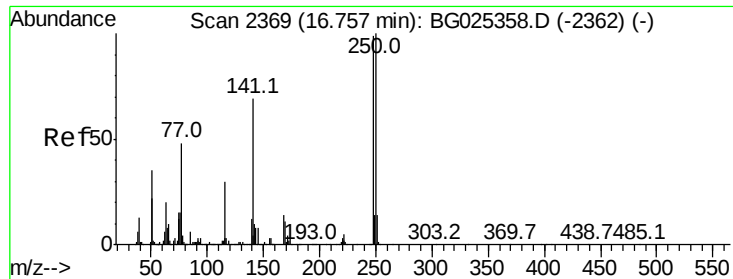


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



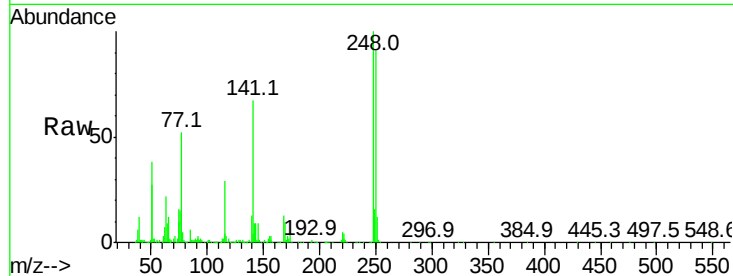


#66
4-Bromophenyl-phenylether
Concen: 54.08 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

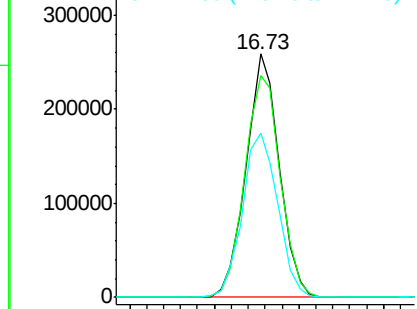
Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.3	75.0	112.6
141	67.2	55.2	82.8

Manual Integrations
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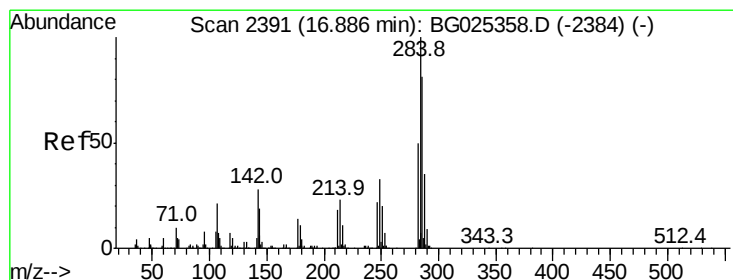
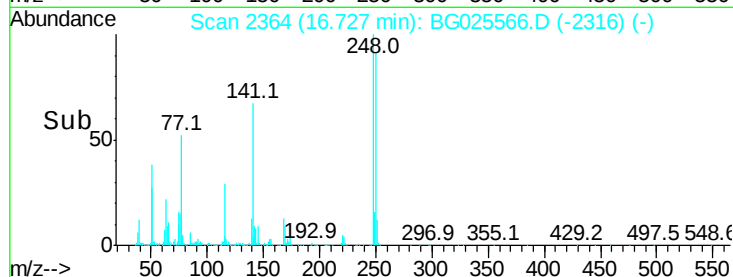


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



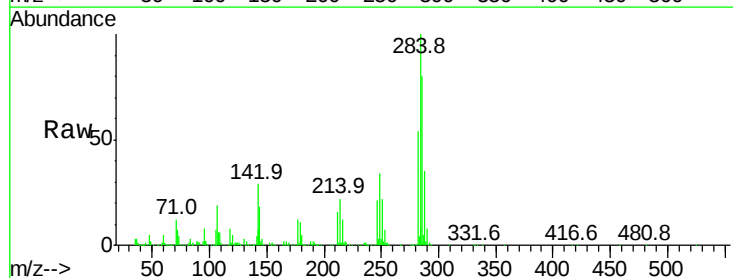
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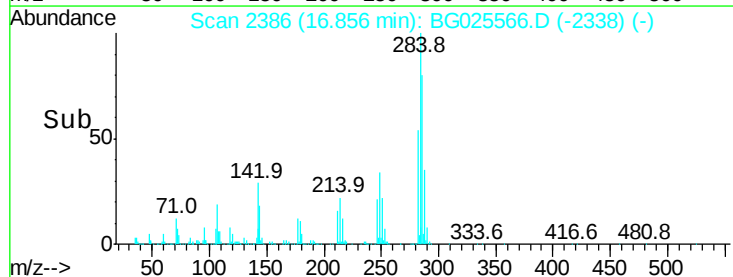
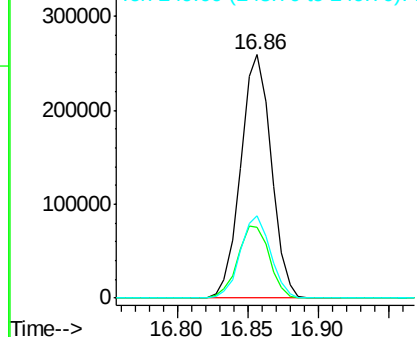


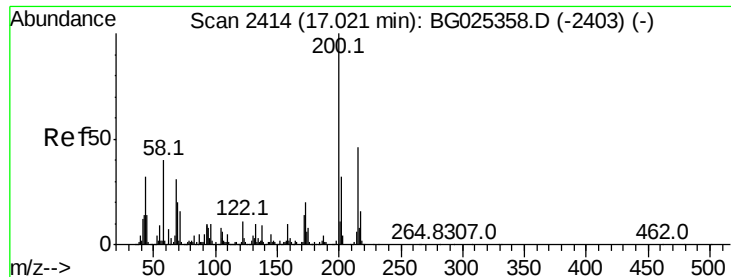
#67
Hexachlorobenzene
Concen: 52.28 ng
RT: 16.86 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	29.9	44.9#
249	34.0	29.2	43.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



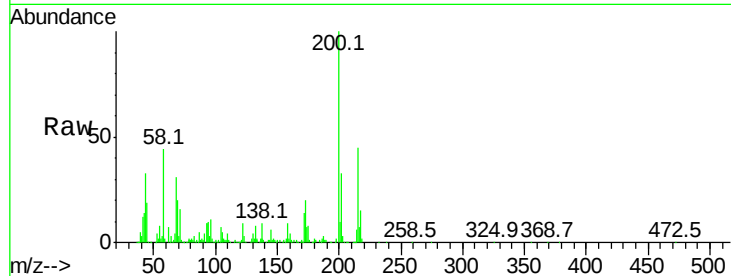


#68
Atrazine
Concen: 38.02 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

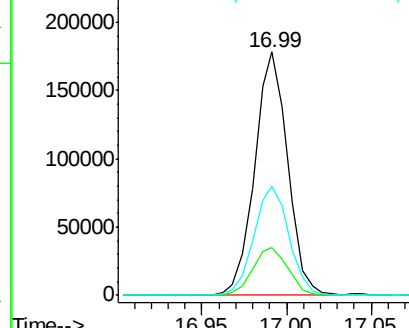
Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	19.8	3.0	43.0
215	44.9	28.4	68.4

Manual Integrations
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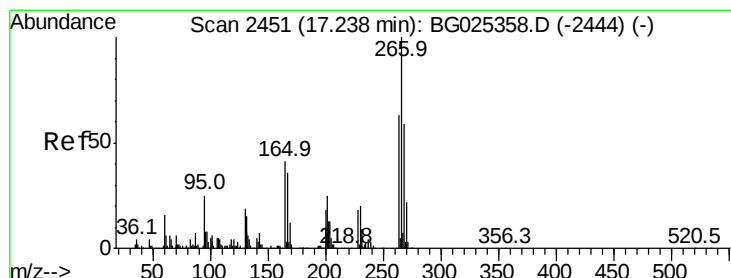
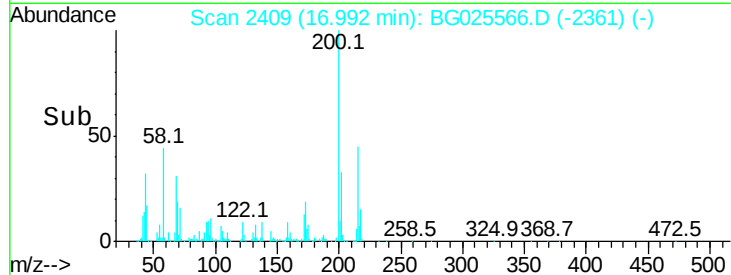


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



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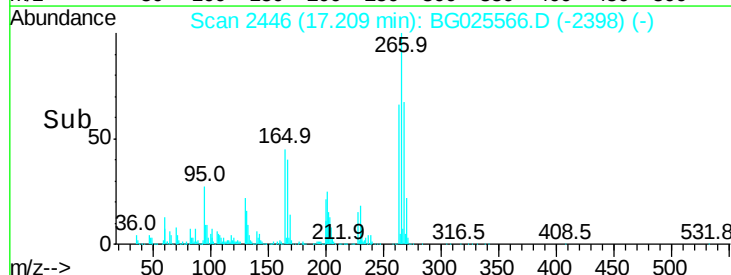
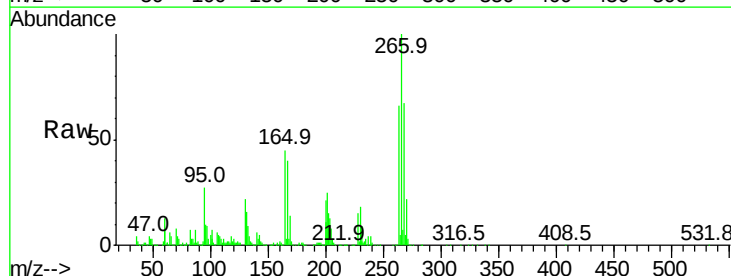
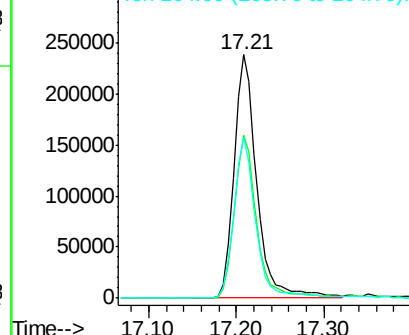
1/23/2017 4:59:52 PM

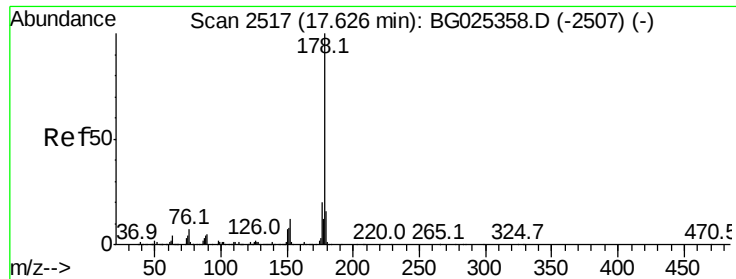


#69
Pentachlorophenol
Concen: 108.38 ng
RT: 17.21 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	48.6	72.8
264	65.7	50.1	75.1

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



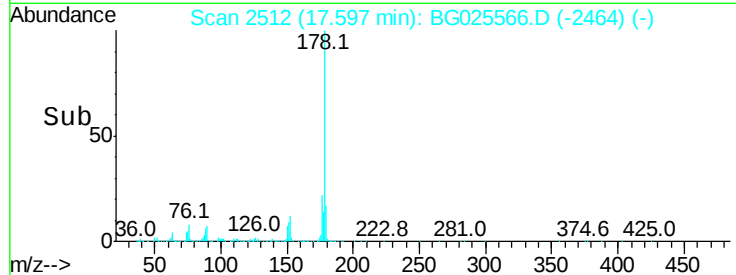
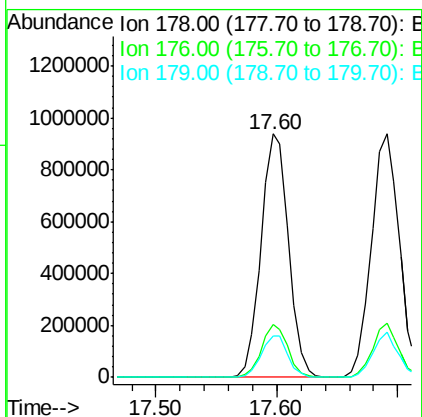
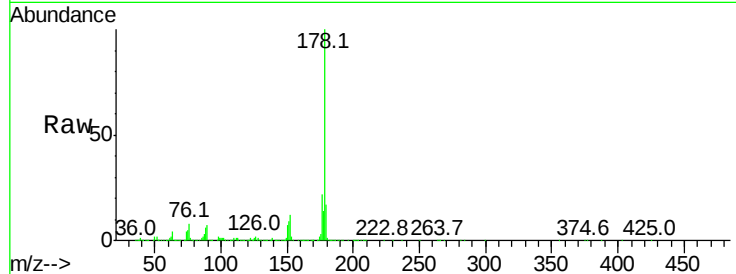


#70
Phenanthrene
Concen: 54.29 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

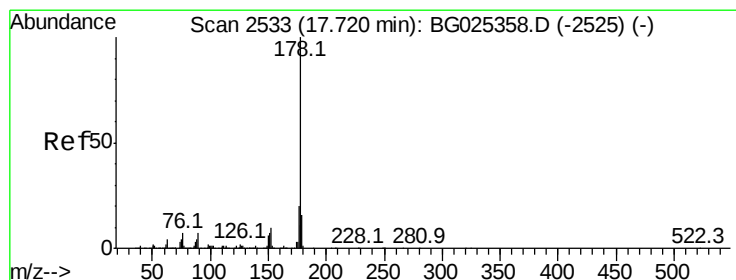
Tot Ion:178 Resp: 1484658
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 17.1 15.0 22.6

Manual Integrations
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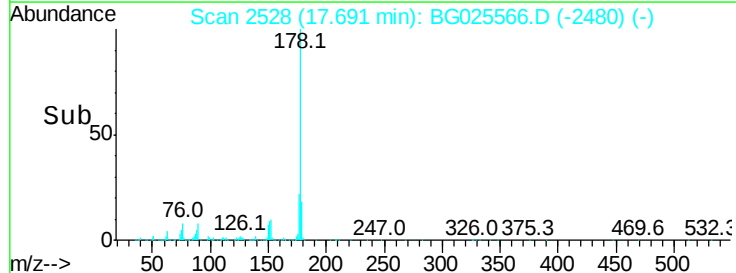
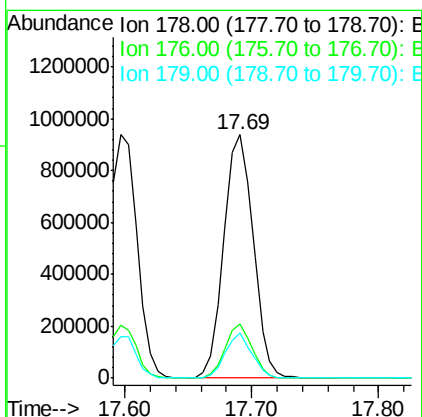
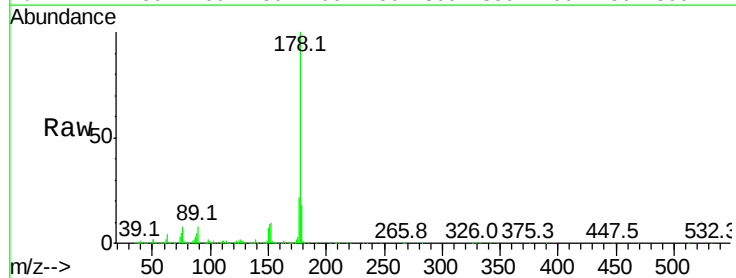
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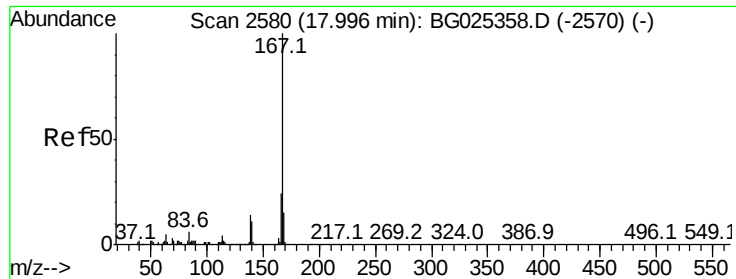
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#71
Anthracene
Concen: 54.18 ng
RT: 17.69 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion:178 Resp: 1505499
Ion Ratio Lower Upper
178 100
176 22.2 16.4 24.6
179 18.4 13.8 20.8





#72

Carbazole

Concen: 53.74 ng

RT: 17.97 min Scan# 2575

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:167 Resp: 1335820

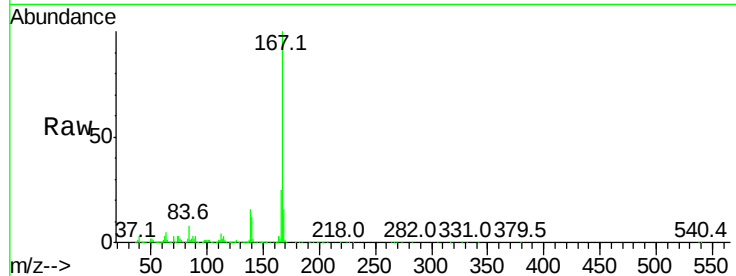
Ion Ratio Lower Upper

167 100

166 24.8 20.2 30.2

139 15.6 12.8 19.2

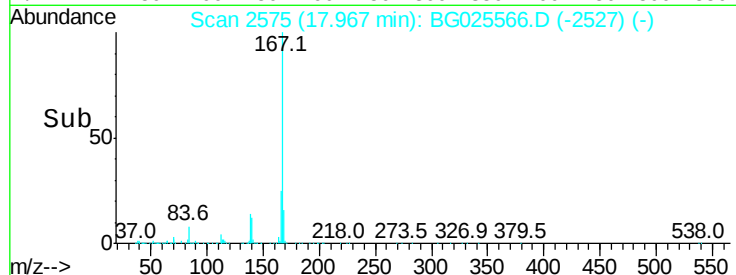
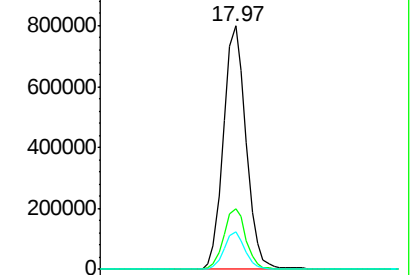
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E

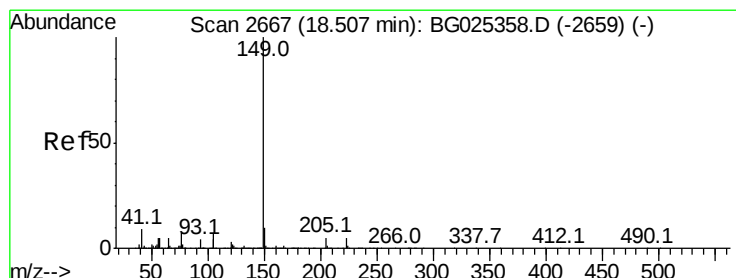
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 54.34 ng

RT: 18.48 min Scan# 2662

Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

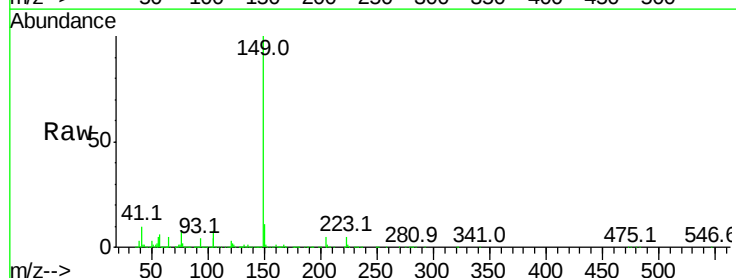
Tgt Ion:149 Resp: 1661608

Ion Ratio Lower Upper

149 100

150 10.8 9.1 13.7

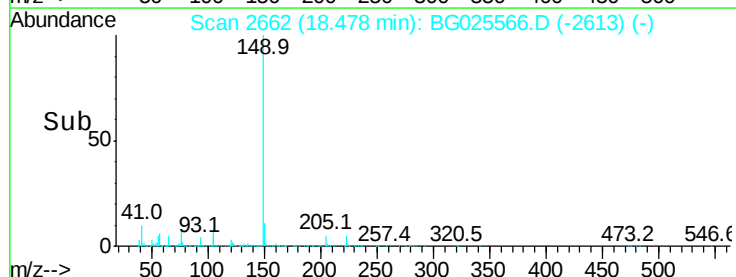
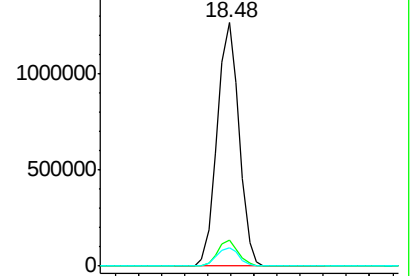
104 7.7 6.7 10.1

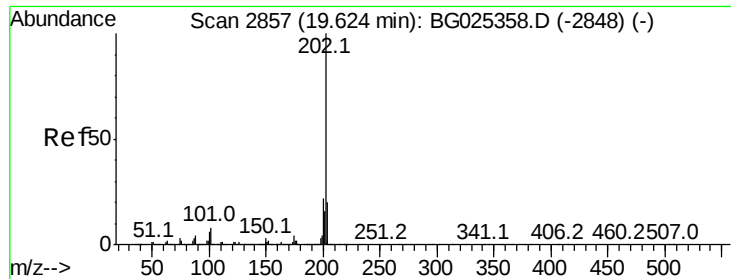


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 53.49 ng

RT: 19.59 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

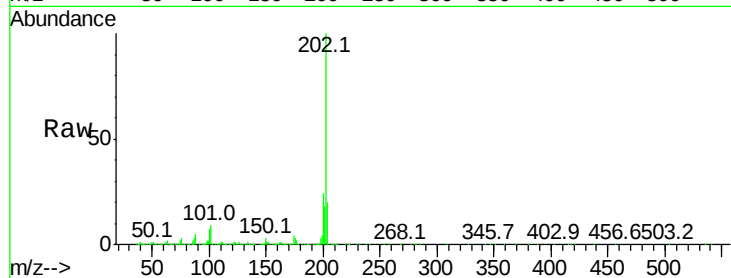
BNA_G

ClientSampleId :

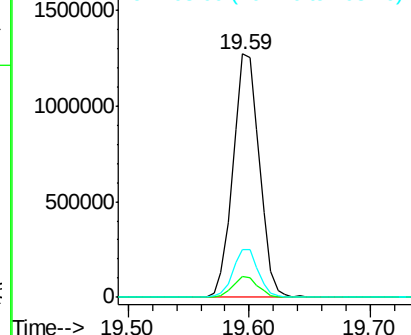
MH-0-12FT-COMPMSD

Tot Ion:	202	Resp:	1932369
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	30.1
203	19.5	1.3	41.3

Manual Integrations
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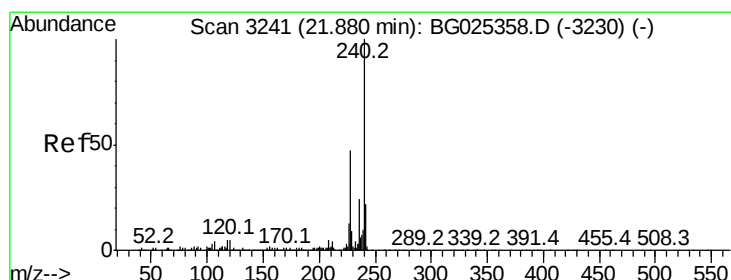
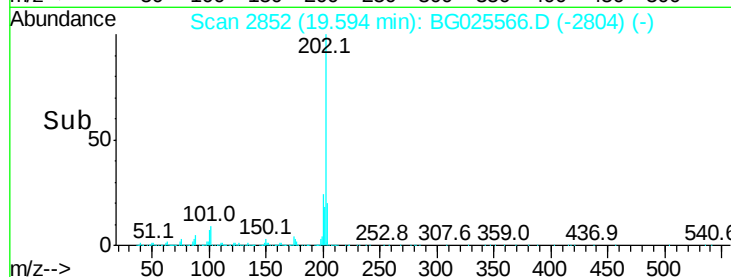


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.00 ng

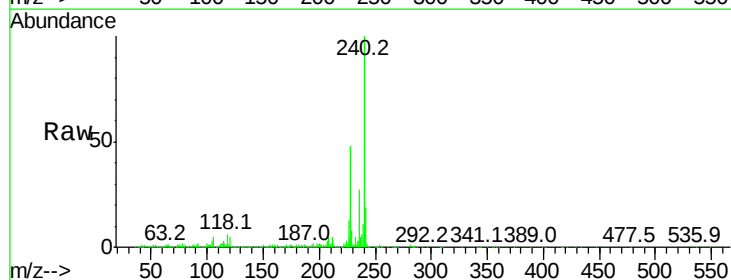
RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

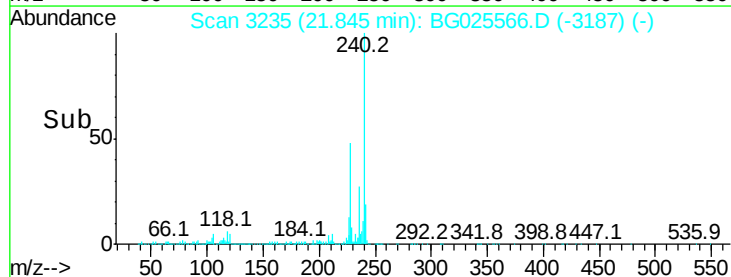
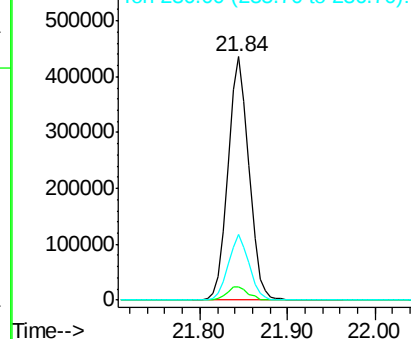
Lab File: BG025566.D

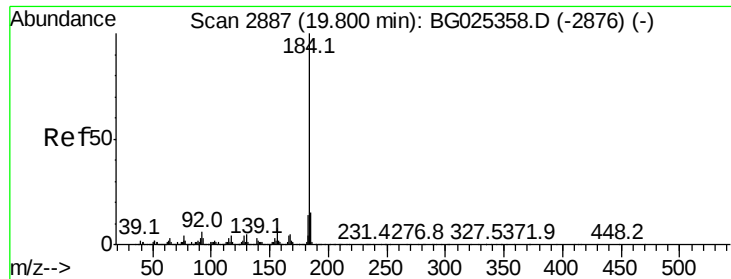
Acq: 21 Jan 2017 10:04

Tgt Ion:	240	Resp:	710453
Ion Ratio	Lower	Upper	
240	100		
120	5.4	5.7	8.5#
236	26.9	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





#76

Benzidine

Concen: 9.31 ng

RT: 19.80 min Scan# 2887

Delta R.T. 0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:184 Resp: 164918

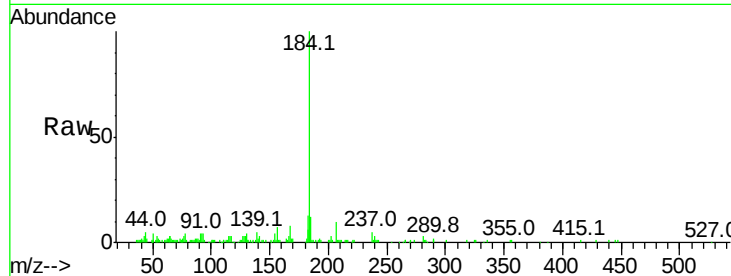
Ion Ratio Lower Upper

184 100

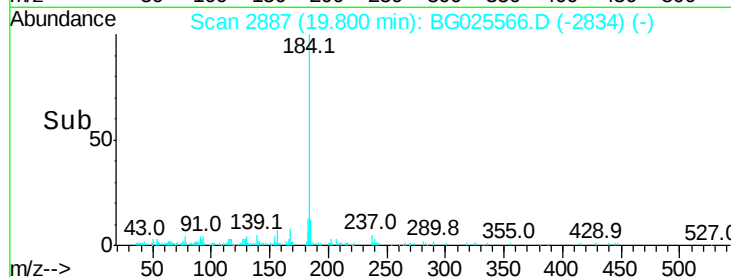
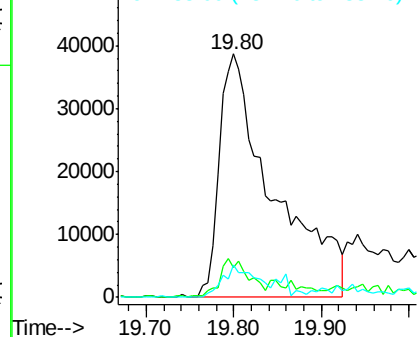
185 12.3 13.0 19.6#

183 13.2 11.0 16.6

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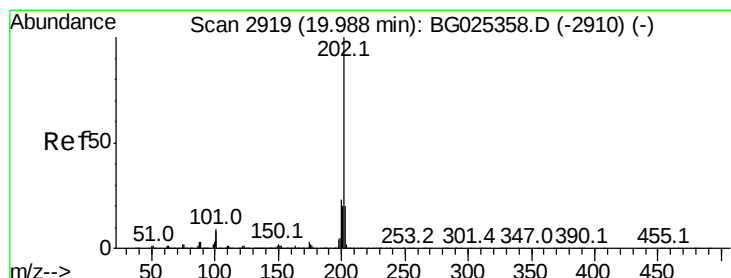


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 52.50 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

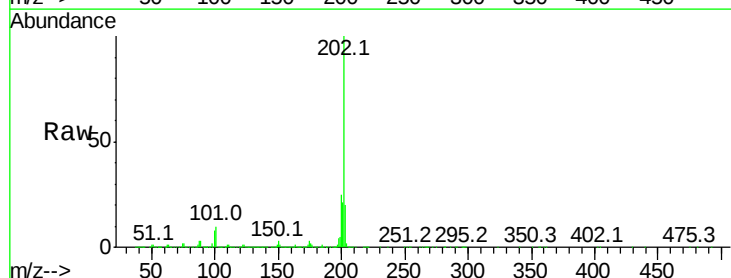
Tgt Ion:202 Resp: 1949188

Ion Ratio Lower Upper

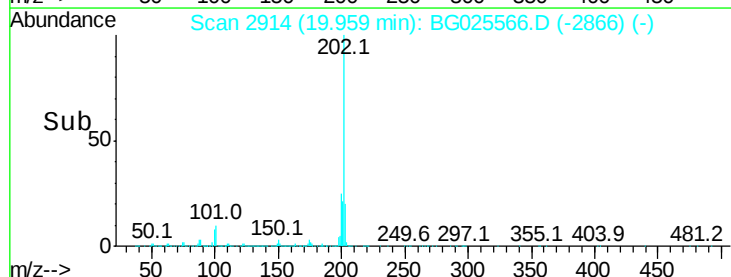
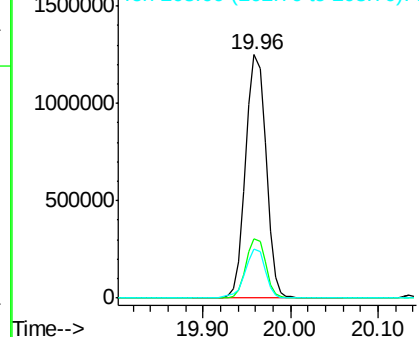
202 100

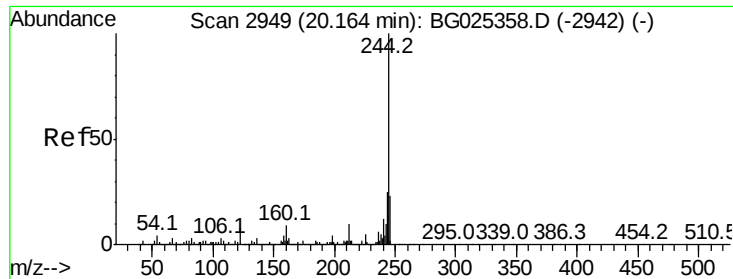
200 24.6 19.6 29.4

203 20.0 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 103.41 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

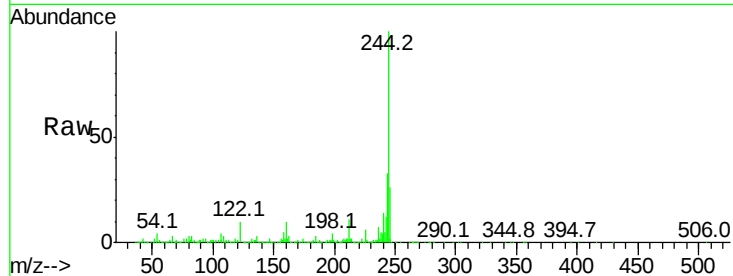
BNA_G

ClientSampleId :

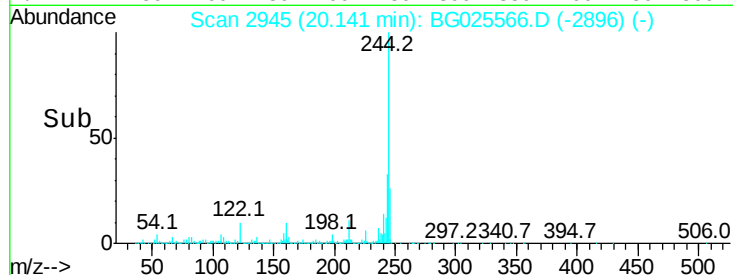
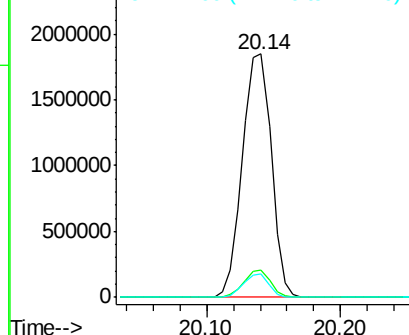
MH-0-12FT-COMPMSD

Tot	Ion:244	Resp: 2770981	
Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.0	15.0
122	9.6	8.6	12.8

Manual Integrations
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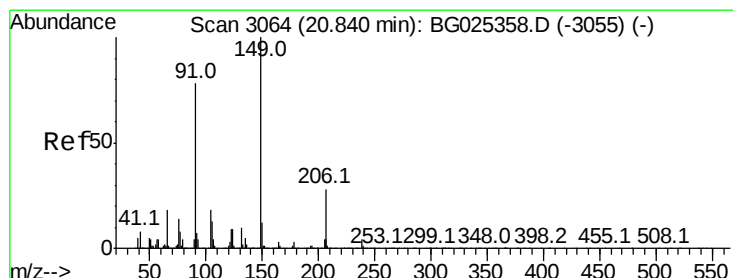


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 56.70 ng

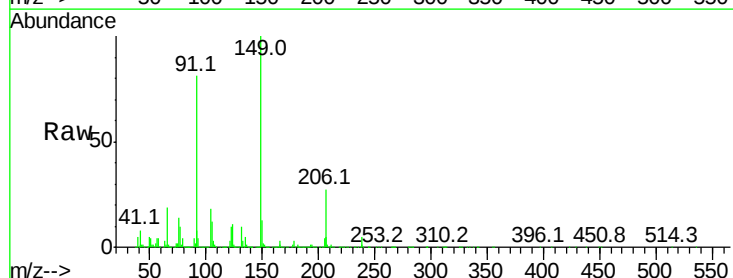
RT: 20.81 min Scan# 3059

Delta R.T. -0.01 min

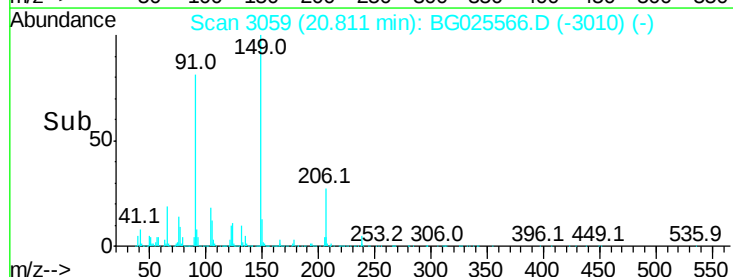
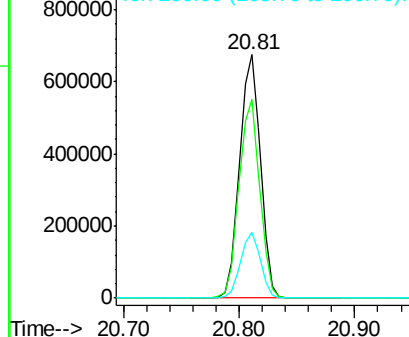
Lab File: BG025566.D

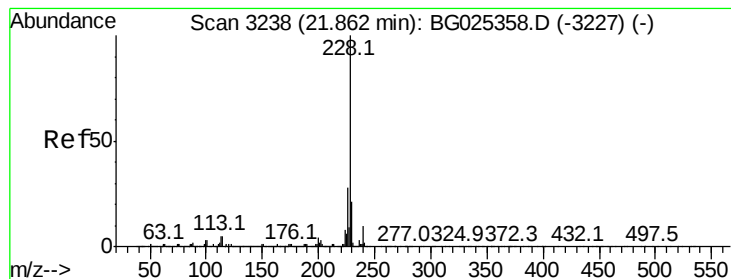
Acq: 21 Jan 2017 10:04

Tgt	Ion:149	Resp:	845303
Ion	Ratio	Lower	Upper
149	100		
91	81.5	63.5	95.3
206	26.9	21.0	31.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 54.52 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

Tot Ion:228 Resp: 2160355

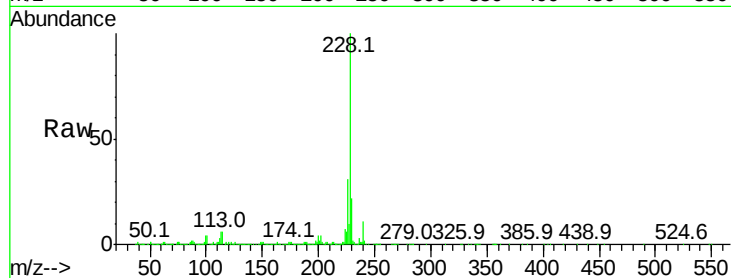
Ion Ratio Lower Upper

228 100

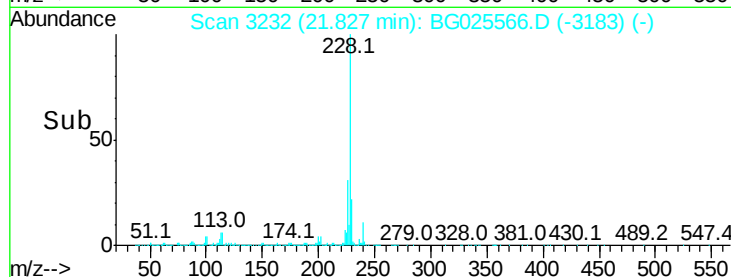
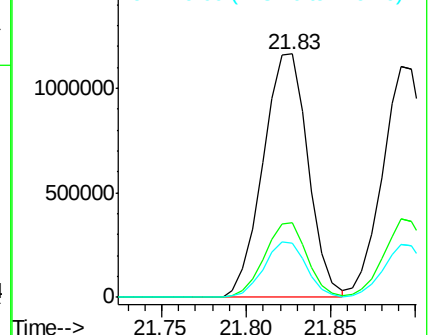
226 30.6 24.9 37.3

229 22.3 18.2 27.2

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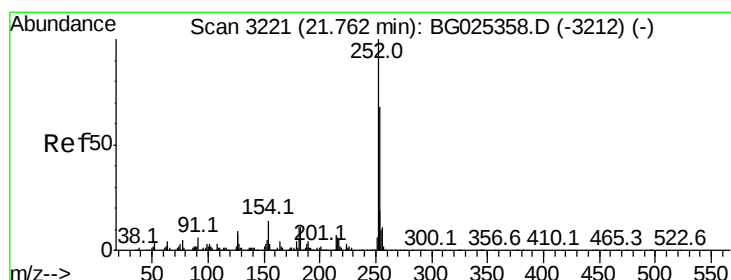


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#81

3,3'-Dichlorobenzidine

Concen: 8.59 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

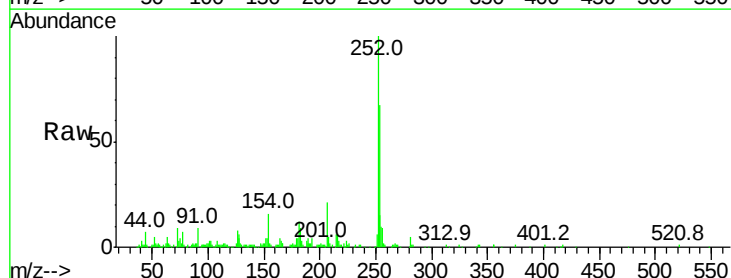
Tgt Ion:252 Resp: 132218

Ion Ratio Lower Upper

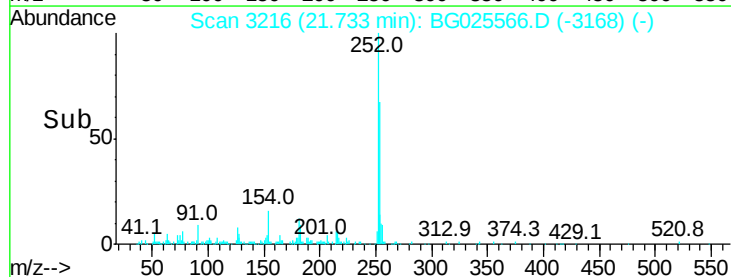
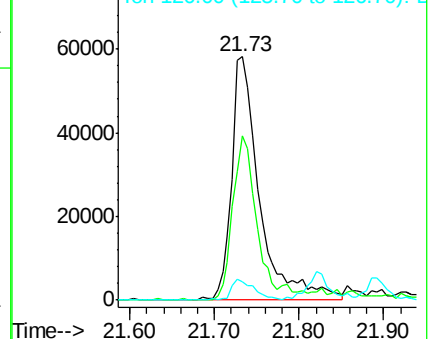
252 100

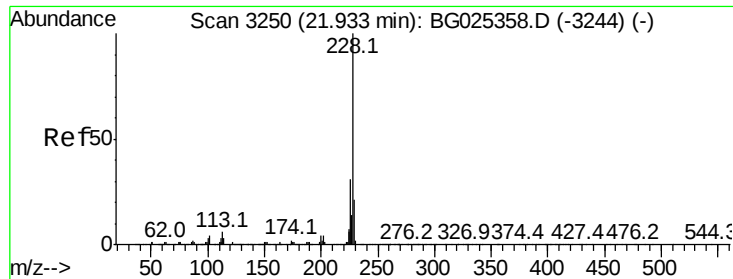
254 67.4 53.1 79.7

126 7.7 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 52.60 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

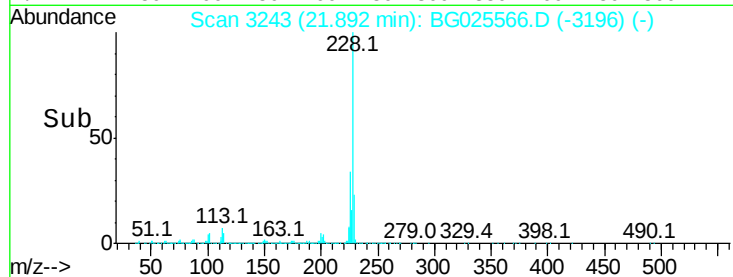
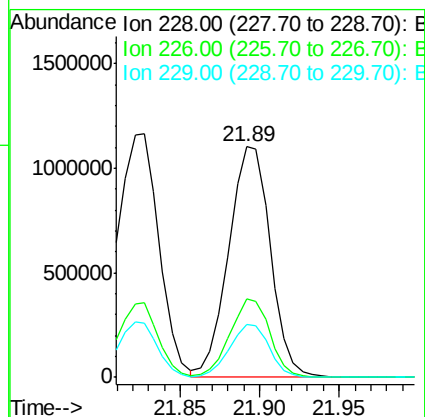
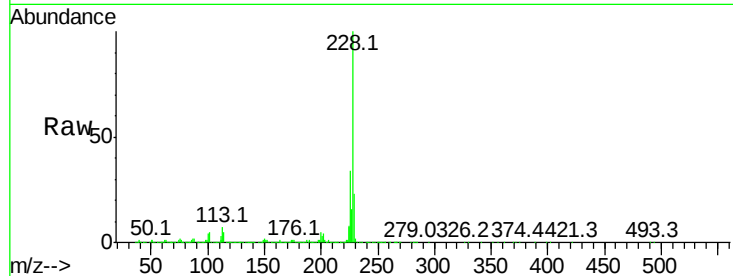
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

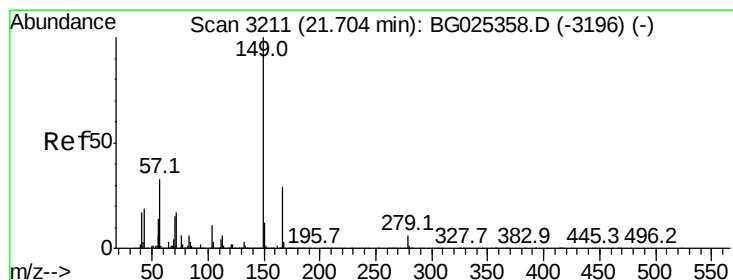
Tot Ion:	228	Resp:	1998866
Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.0	40.4
229	22.7	17.8	26.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 57.93 ng

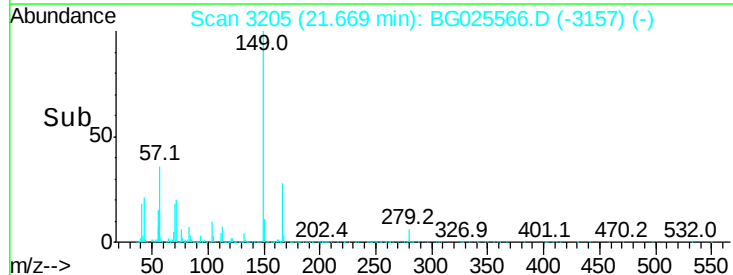
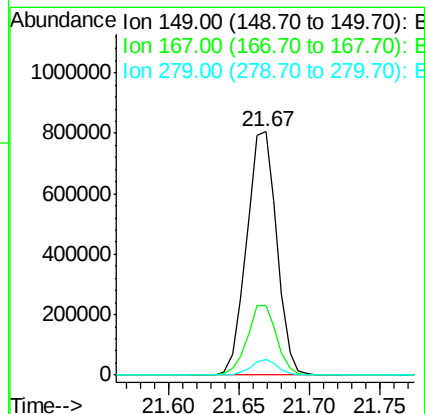
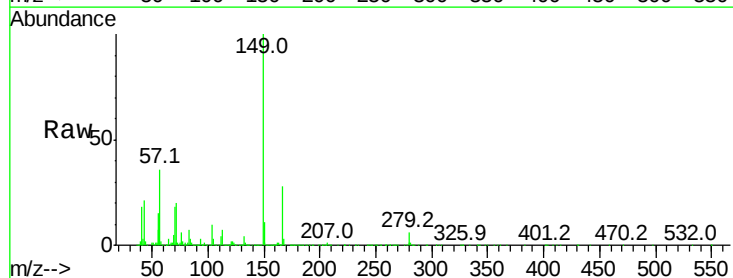
RT: 21.67 min Scan# 3205

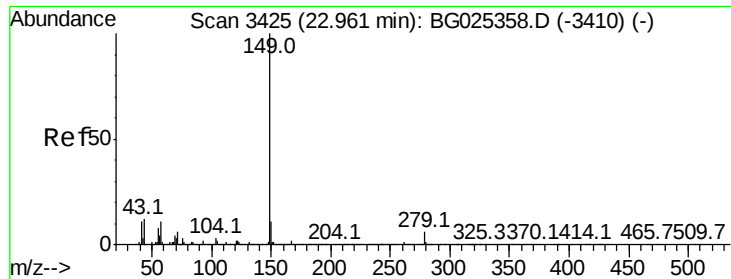
Delta R.T. -0.02 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion:	149	Resp:	1201819
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.7	35.5
279	6.3	4.6	6.8



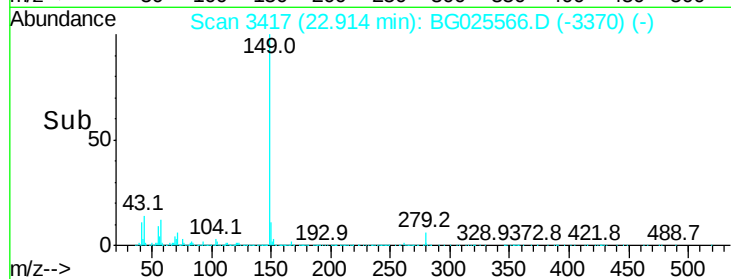
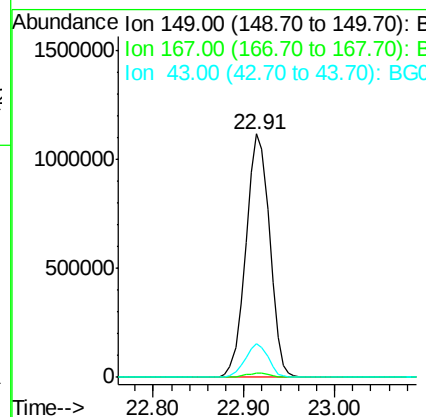
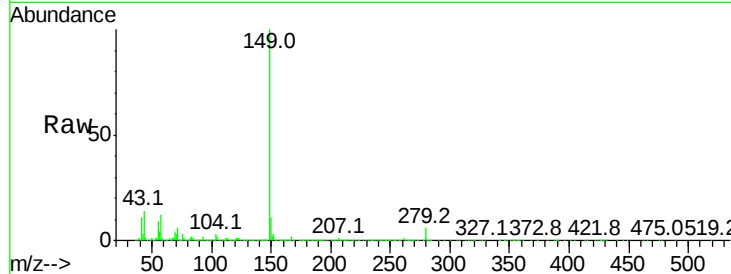


#84
Di-n-octyl phthalate
Concen: 58.82 ng
RT: 22.91 min Scan# 3417
Delta R.T. -0.02 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

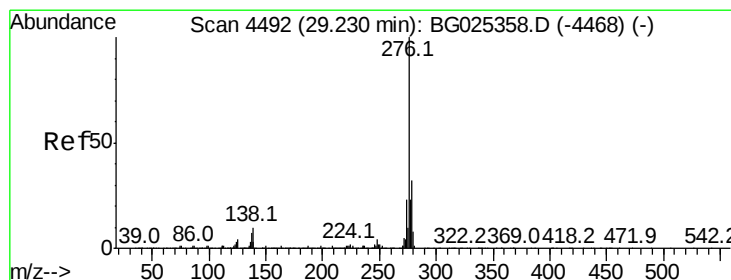
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	13.4	11.8	17.6

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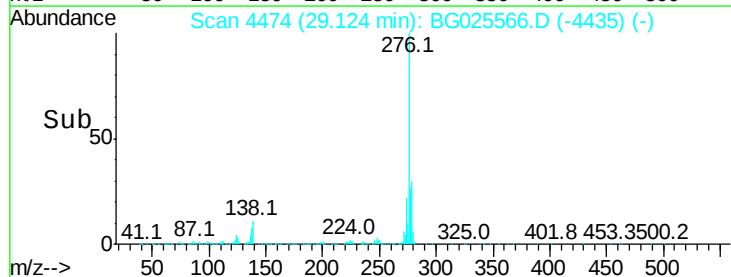
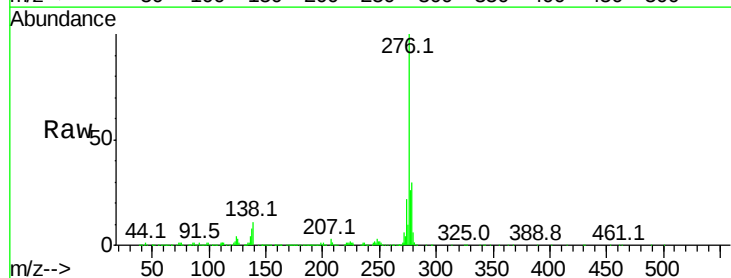
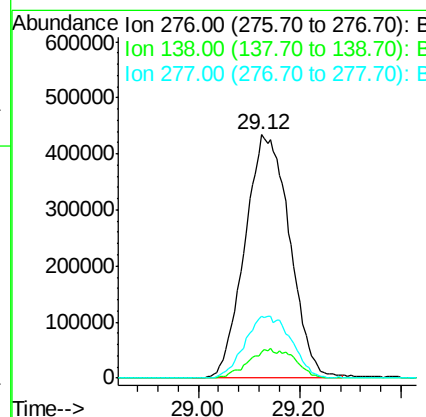
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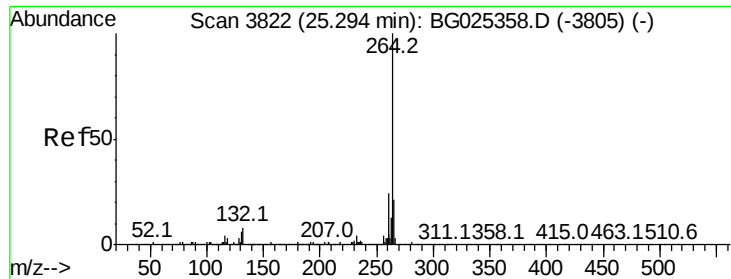
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#85
Indeno(1,2,3-cd)pyrene
Concen: 55.33 ng
RT: 29.12 min Scan# 4474
Delta R.T. -0.07 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.5	4.7	7.1#
277	26.6	20.6	31.0



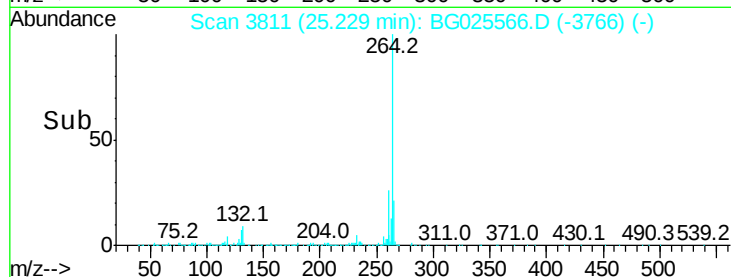
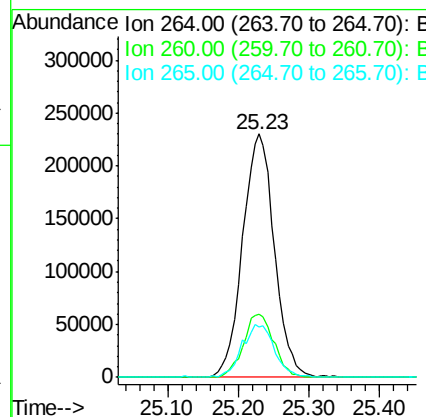
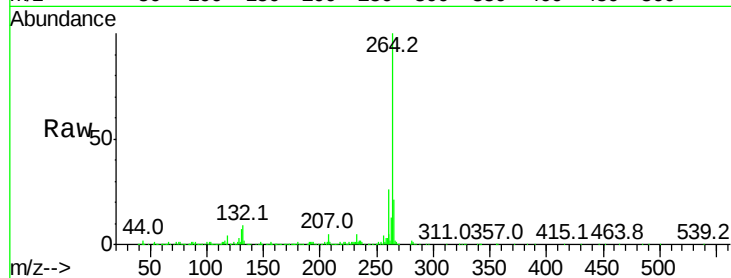


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.04 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

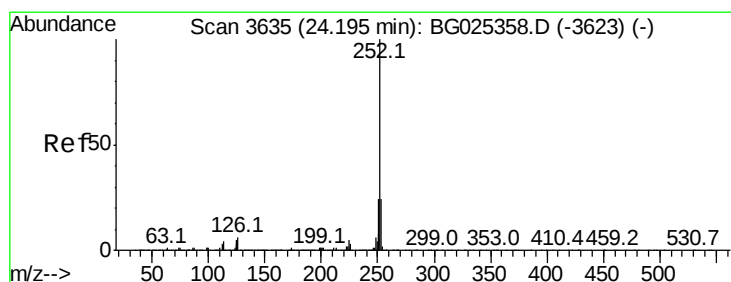
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.8	32.8
265	20.8	18.2	27.4

Manual Integrations
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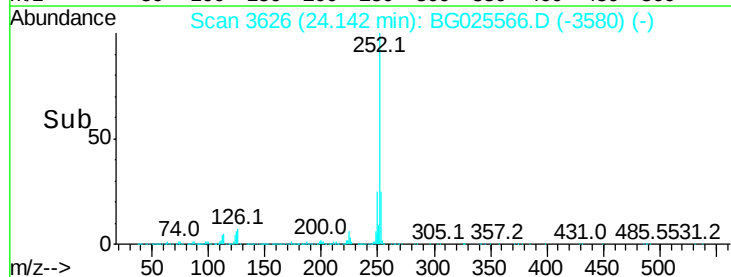
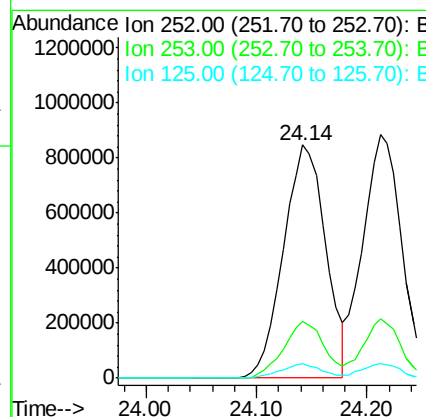
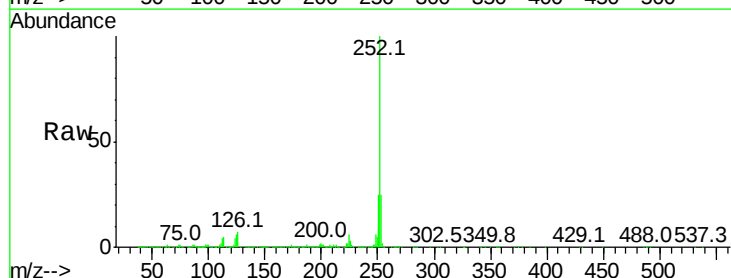
mohammad

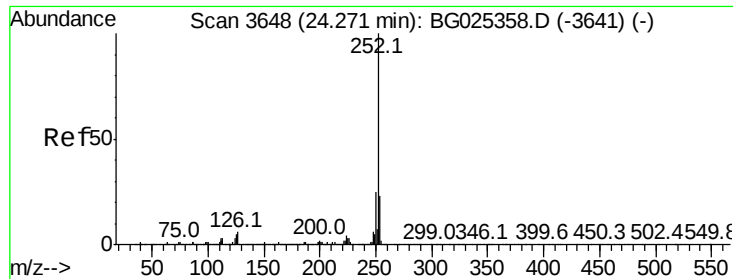
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#87
Benzo(b)fluoranthene
Concen: 56.78 ng
RT: 24.14 min Scan# 3626
Delta R.T. -0.03 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	6.0	5.3	7.9





#88

Benzo(k)fluoranthene

Concen: 57.31 ng

RT: 24.21 min Scan# 3638

Delta R.T. -0.03 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Instrument :

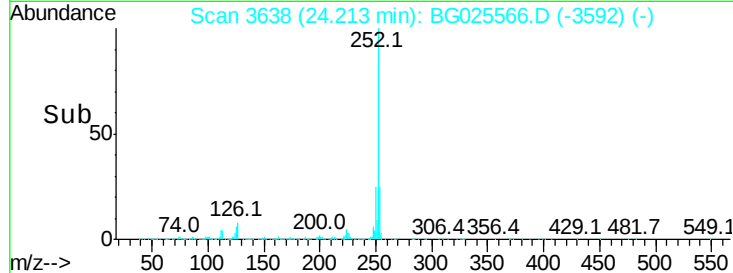
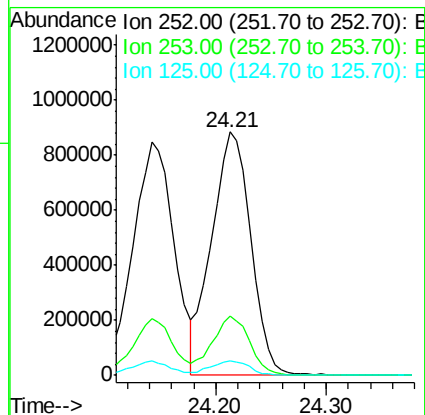
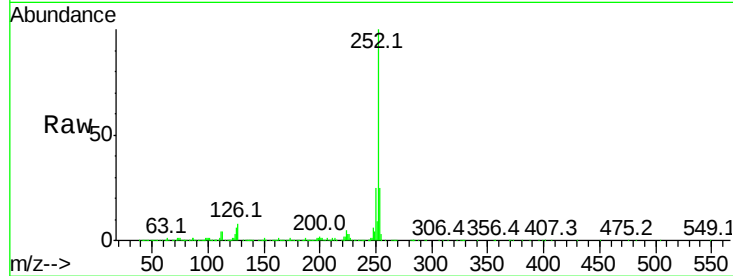
BNA_G

ClientSampleId :

MH-0-12FT-COMPMSD

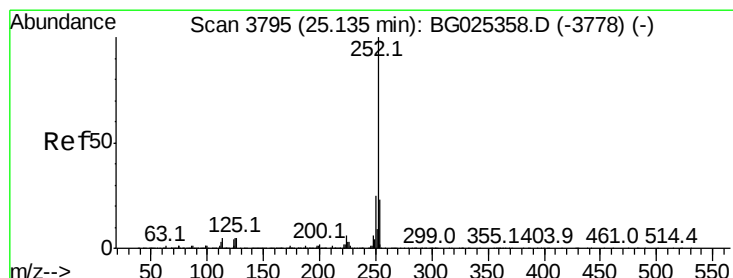
Tot Ion:	252	Resp:	2171271
Ion Ratio	Lower	Upper	
252	100		
253	24.6	20.2	30.2
125	5.9	5.1	7.7

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 57.12 ng

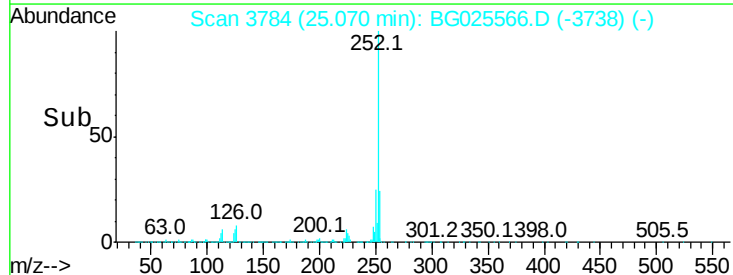
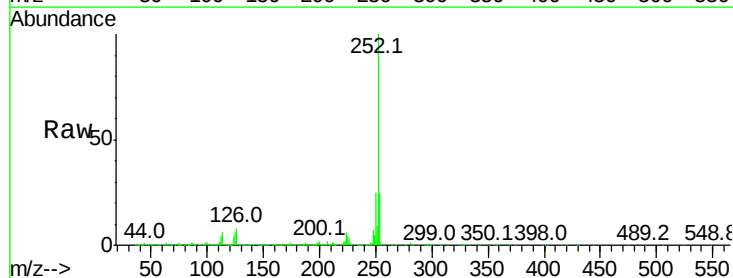
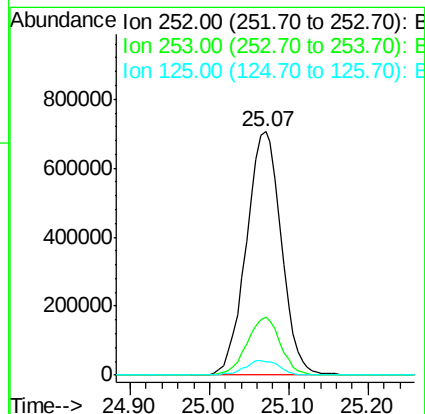
RT: 25.07 min Scan# 3784

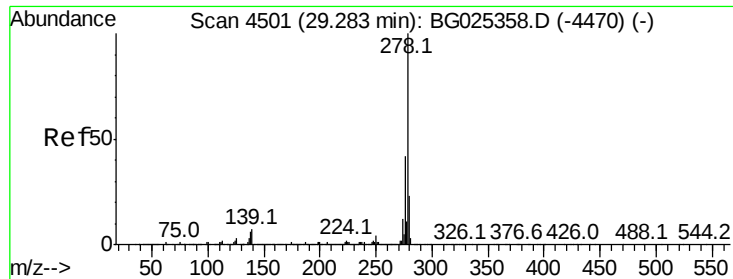
Delta R.T. -0.03 min

Lab File: BG025566.D

Acq: 21 Jan 2017 10:04

Tgt Ion:	252	Resp:	2164454
Ion Ratio	Lower	Upper	
252	100		
253	23.7	19.2	28.8
125	5.6	5.4	8.0



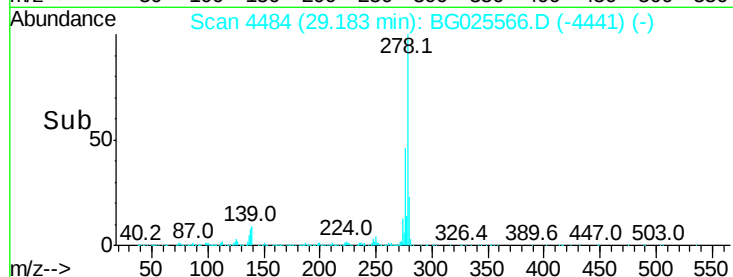
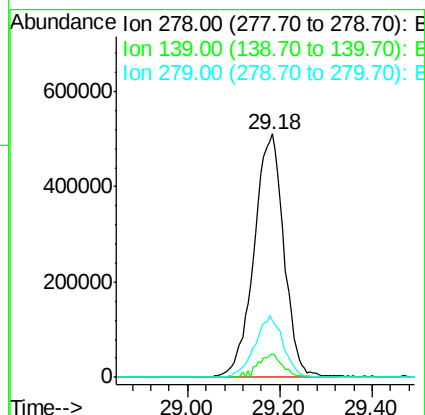
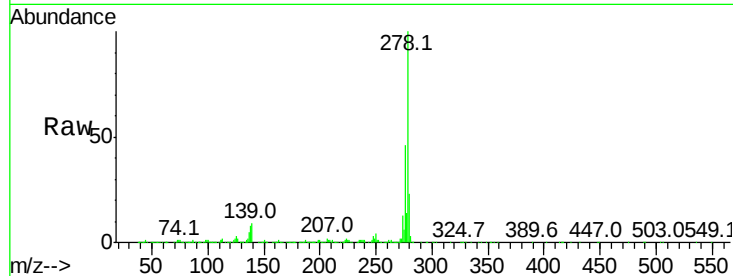


#90
Dibenzo(a,h)anthracene
Concen: 57.22 ng
RT: 29.18 min Scan# 4484
Delta R.T. -0.05 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMSD

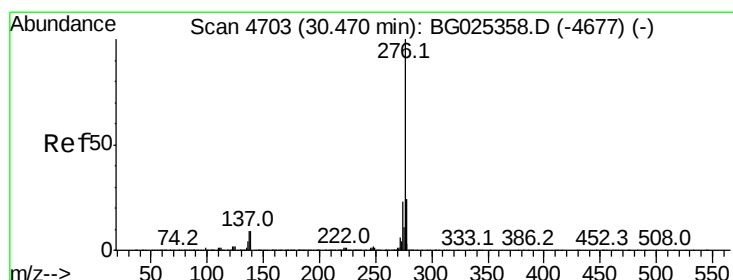
Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.7	11.5
279	23.4	19.1	28.7

Manual Integrations
APPROVED



mohammad

1/23/2017 4:59:52 PM



#91
Benzo(g,h,i)perylene
Concen: 53.30 ng
RT: 30.36 min Scan# 4685
Delta R.T. -0.06 min
Lab File: BG025566.D
Acq: 21 Jan 2017 10:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	27.8
138	10.7	8.1	12.1

