

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032036.D
 Acq On : 15 Jan 2018 17:37
 Operator : SJ/JU
 Sample : PB105635BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Manual Integrations
 APPROVED

Sohil
 1/16/2018 4:59:40 PM

Quant Time: Jan 16 02:29:01 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	47889	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	203105	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	147353	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	403092	20.00	ng	0.00
75) Chrysene-d12	22.47	240	474812	20.00	ng	-0.01
86) Perylene-d12	26.19	264	517341	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	350466	133.85	ng	0.00
7) Phenol-d6	7.88	99	455019	137.98	ng	0.00
23) Nitrobenzene-d5	9.97	82	262141	87.32	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	332912	136.53	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	942478	79.31	ng	0.00
78) Terphenyl-d14	20.67	244	1837184	85.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.85	88	31383	31.198	ng	# 75
3) Pyridine	4.29	79	88470	32.948	ng	# 79
4) n-Nitrosodimethylamine	4.20	42	45038	47.744	ng	# 87
6) Aniline	8.06	93	93457	22.468	ng	96
8) 2-Chlorophenol	8.32	128	130986	44.705	ng	83
9) Benzaldehyde	7.86	77	17374	9.093	ng	88
10) Phenol	7.91	94	150228	46.245	ng	97
11) bis(2-Chloroethyl)ether	8.15	93	102688	39.457	ng	# 81
12) 1,3-Dichlorobenzene	8.65	146	145790m	38.018	ng	
13) 1,4-Dichlorobenzene	8.80	146	149571	38.738	ng	94
14) 1,2-Dichlorobenzene	9.14	146	140361	37.585	ng	91
15) Benzyl Alcohol	9.00	79	113673	47.450	ng	97
16) 2,2'-oxybis(1-Chloropropan	9.30	45	109431	41.374	ng	76
17) 2-Methylphenol	9.20	107	108042	43.520	ng	97
18) Hexachloroethane	9.89	117	48617	40.971	ng	# 86
19) n-Nitroso-di-n-propylamine	9.58	70	87032	42.536	ng	# 85
20) 3+4-Methylphenols	9.53	107	151069	43.926	ng	97
22) Acetophenone	9.61	105	192219	41.664	ng	# 89
24) Nitrobenzene	10.01	77	128062	42.765	ng	91
25) Isophorone	10.53	82	248034	44.371	ng	# 87
26) 2-Nitrophenol	10.73	139	80290m	45.250	ng	
27) 2,4-Dimethylphenol	10.77	122	145152	51.551	ng	91
28) bis(2-Chloroethoxy)methane	11.01	93	150436	44.667	ng	96
29) 2,4-Dichlorophenol	11.28	162	166367	48.018	ng	92
30) 1,2,4-Trichlorobenzene	11.50	180	174947	39.099	ng	99
31) Naphthalene	11.70	128	402535	40.008	ng	99
32) Benzoic acid	10.87	122	76061	35.242	ng	86
33) 4-Chloroaniline	11.79	127	91018	21.096	ng	# 92
34) Hexachlorobutadiene	11.97	225	123491	38.425	ng	97
35) Caprolactam	12.55	113	57748	54.941	ng	# 46
36) 4-Chloro-3-methylphenol	12.87	107	159558	50.313	ng	# 82
37) 2-Methylnaphthalene	13.26	142	340775	42.661	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	250026	38.926	ng	# 97
40) Hexachlorocyclopentadiene	13.59	237	327844	90.622	ng	92

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Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	166675	46.183	ng	99
43) 2,4,5-Trichlorophenol	13.92	196	178802	42.802	ng	# 91
45) 1,1'-Biphenyl	14.24	154	499881	39.572	ng	95
46) 2-Chloronaphthalene	14.29	162	381308	38.802	ng	96
47) 2-Nitroaniline	14.48	65	88746	47.173	ng	# 72
48) Acenaphthylene	15.13	152	583904	39.019	ng	100
49) Dimethylphthalate	14.83	163	537270	41.666	ng	98
50) 2,6-Dinitrotoluene	14.96	165	118496	44.273	ng	# 72
51) Acenaphthene	15.47	154	427567	43.210	ng	98
52) 3-Nitroaniline	15.28	138	67091	27.754	ng	# 77
53) 2,4-Dinitrophenol	15.48	184	103466	77.319	ng	# 84
54) Dibenzofuran	15.80	168	622723	42.186	ng	99
55) 4-Nitrophenol	15.57	139	187952	106.689	ng	# 81
56) 2,4-Dinitrotoluene	15.74	165	172440	47.855	ng	# 67
57) Fluorene	16.44	166	506002	41.796	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	197741	51.169	ng	# 86
59) Diethylphthalate	16.17	149	539132	43.128	ng	96
60) 4-Chlorophenyl-phenylether	16.41	204	317036	42.690	ng	93
61) 4-Nitroaniline	16.44	138	106592	45.967	ng	84
62) Azobenzene	16.71	77	349305	44.644	ng	88
64) 4,6-Dinitro-2-methylphenol	16.49	198	89451	36.026	ng	# 71
65) n-Nitrosodiphenylamine	16.62	169	489924	40.054	ng	99
66) 4-Bromophenyl-phenylether	17.31	248	237803	41.463	ng	96
67) Hexachlorobenzene	17.44	284	236731	37.309	ng	# 89
68) Atrazine	17.55	200	233269	45.349	ng	97
69) Pentachlorophenol	17.77	266	326382	80.474	ng	99
70) Phenanthrene	18.18	178	904600	40.307	ng	99
71) Anthracene	18.27	178	935081	41.775	ng	99
72) Carbazole	18.52	167	814789	41.961	ng	99
73) Di-n-butylphthalate	19.03	149	945761	41.219	ng	99
74) Fluoranthene	20.14	202	1189987	42.349	ng	94
76) Benzidine	20.30	184	425452	35.833	ng	99
77) Pyrene	20.50	202	1193698	39.992	ng	98
79) Butylbenzylphthalate	21.35	149	428669	40.084	ng	# 79
80) Benzo(a)anthracene	22.45	228	1226249	41.527	ng	99
81) 3,3'-Dichlorobenzidine	22.34	252	297665	26.985	ng	# 99
82) Chrysene	22.53	228	1165444	41.097	ng	98
83) Bis(2-ethylhexyl)phthalate	22.29	149	611922	39.020	ng	# 96
84) Di-n-octyl phthalate	23.68	149	1051557	42.219	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.50	276	1472960	42.442	ng	# 87
87) Benzo(b)fluoranthene	25.00	252	1319902	42.209	ng	# 97
88) Benzo(k)fluoranthene	25.08	252	1269820	41.557	ng	# 95
89) Benzo(a)pyrene	26.02	252	1255571	42.446	ng	# 95
90) Dibenzo(a,h)anthracene	30.58	278	1202120	42.172	ng	# 95
91) Benzo(g,h,i)perylene	31.87	276	1241298	42.605	ng	# 92

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

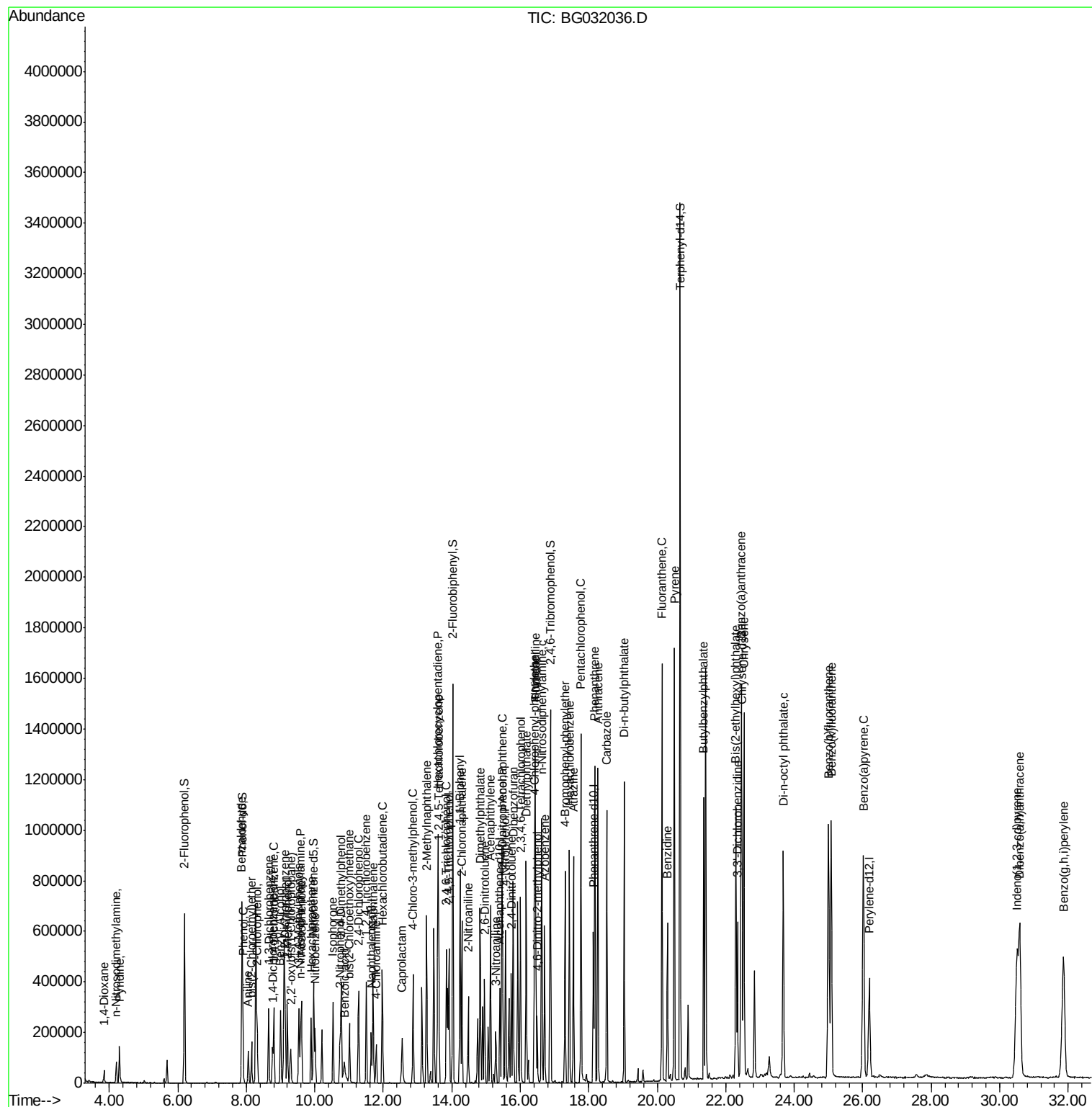
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
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Sample : PB105635BS
Misc :
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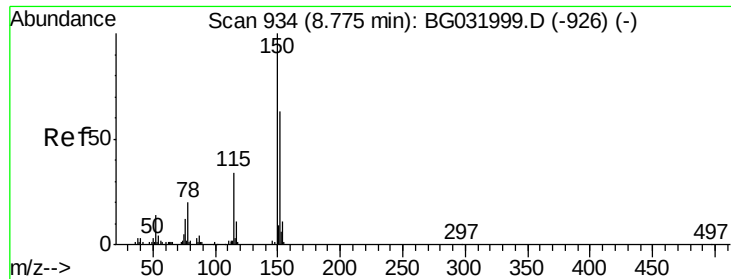
Instrument :
BNA_G
ClientSampleId :
PB105635BS

Manual Integrations
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#1

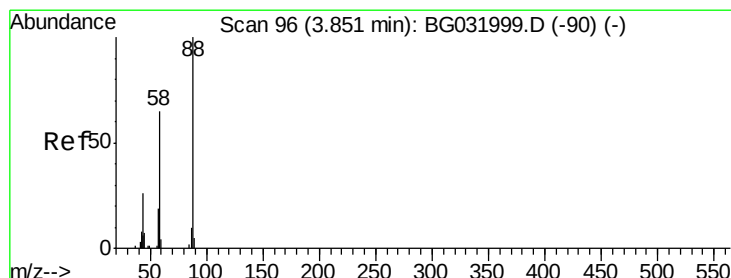
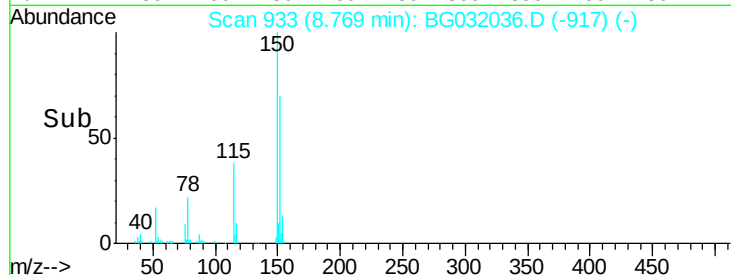
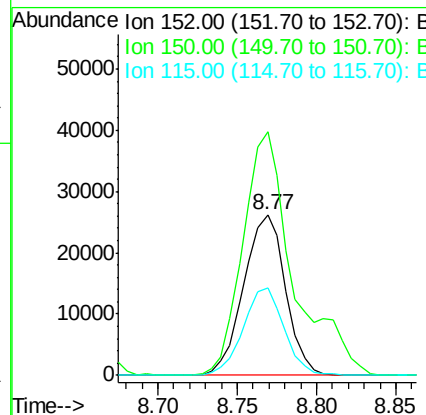
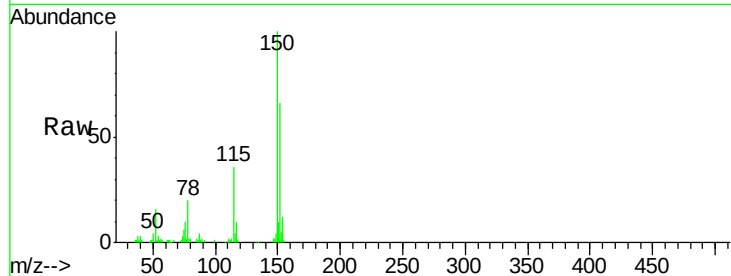
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampled :
PB105635BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.2	126.6	189.8
115	54.4	53.0	79.4

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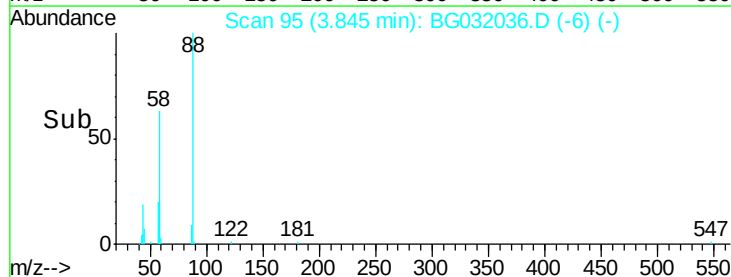
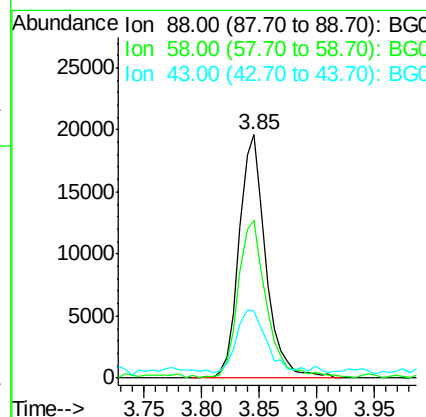
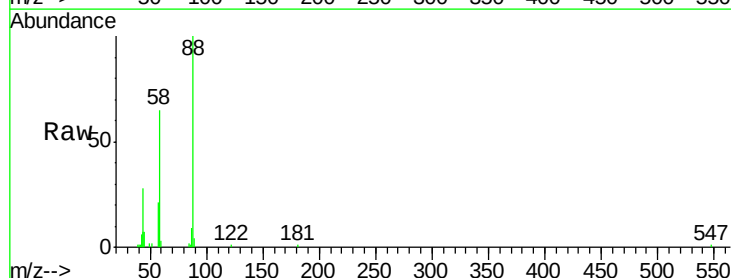
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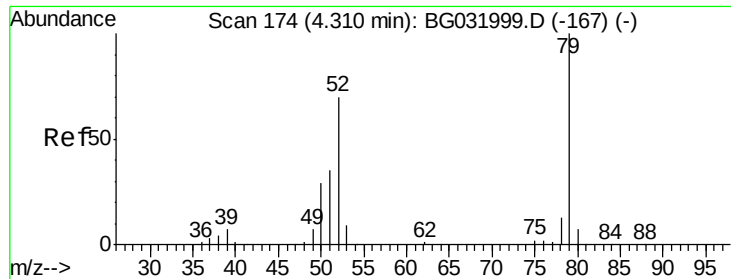


#2

1,4-Dioxane
Concen: 31.198 ng
RT: 3.85 min Scan# 95
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	79.6	119.4#
43	27.6	27.4	41.0





#3

Pyridine

Concen: 32.948 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.02 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

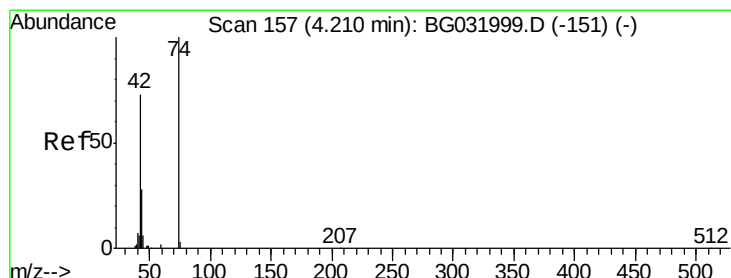
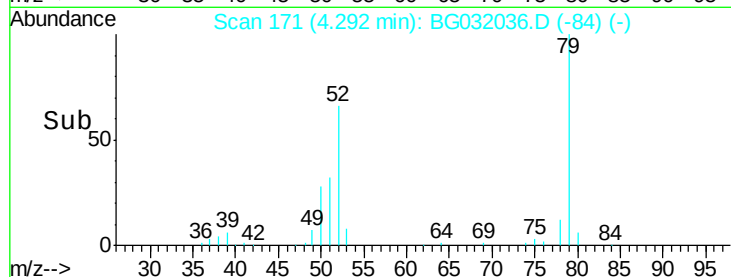
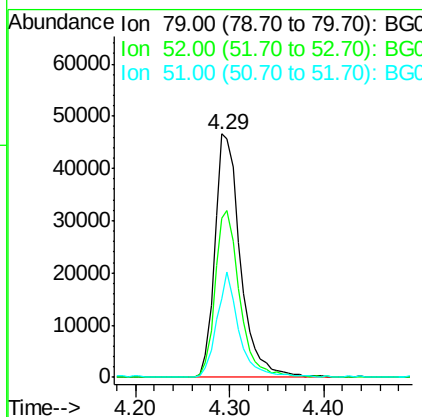
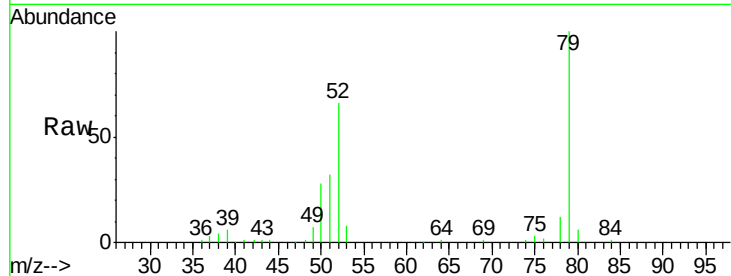
ClientSampleId :

PB105635BS

Tgt Ion:	79	Resp:	88470
Ion	Ratio	Lower	Upper
79	100		
52	65.6	69.9	104.9#
51	32.4	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 47.744 ng

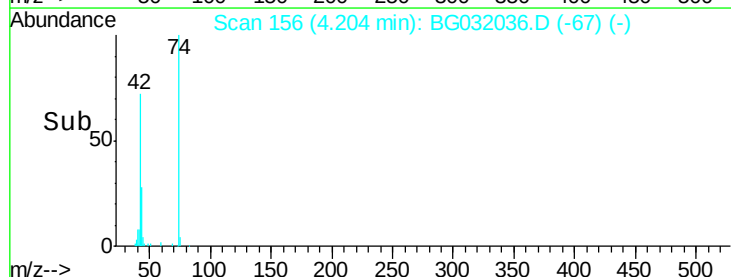
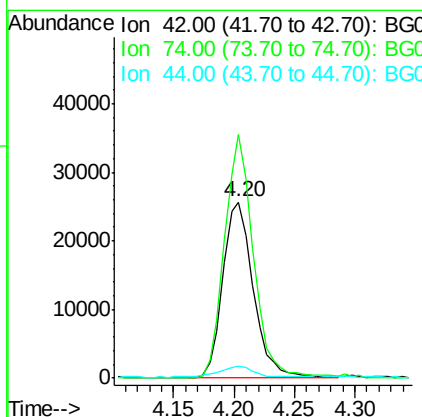
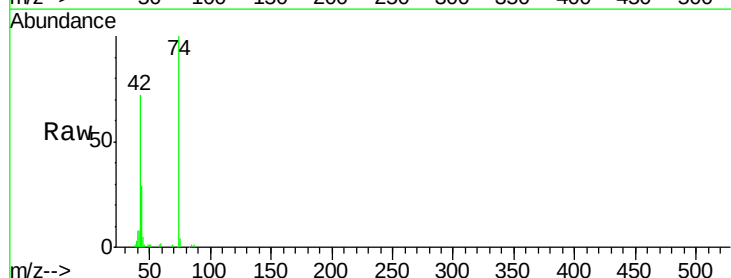
RT: 4.20 min Scan# 156

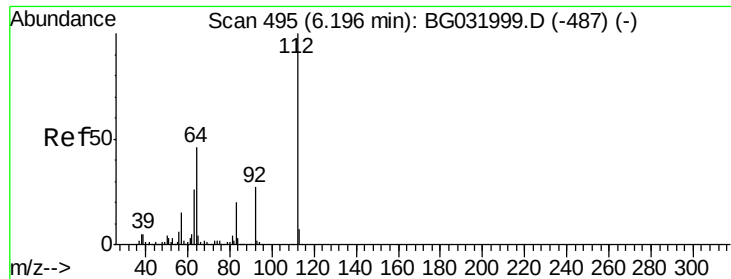
Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Tgt Ion:	42	Resp:	45038
Ion	Ratio	Lower	Upper
42	100		
74	138.1	102.5	153.7
44	6.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 133.847 ng

RT: 6.20 min Scan# 495

Delta R.T. -0.00 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

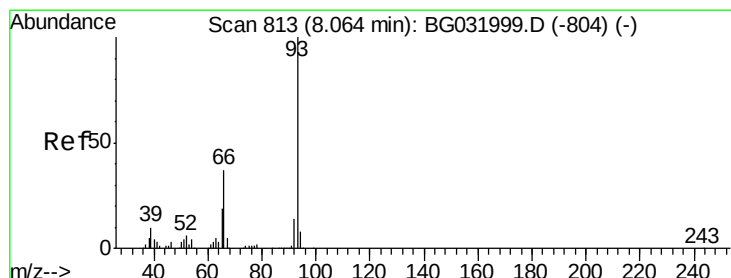
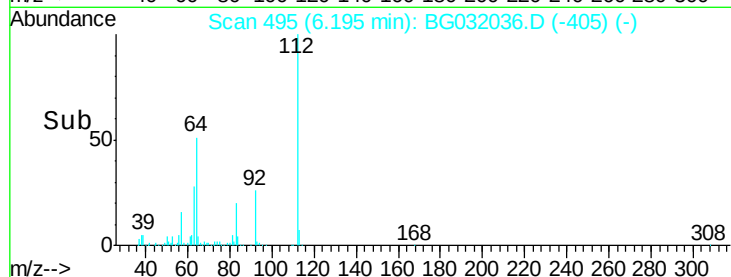
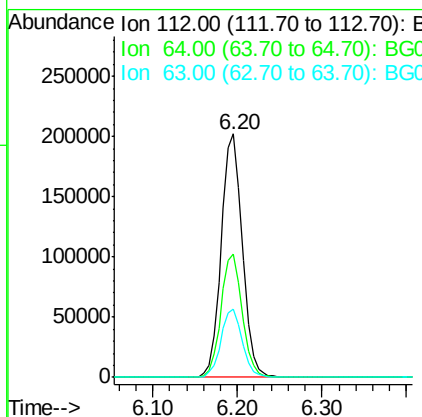
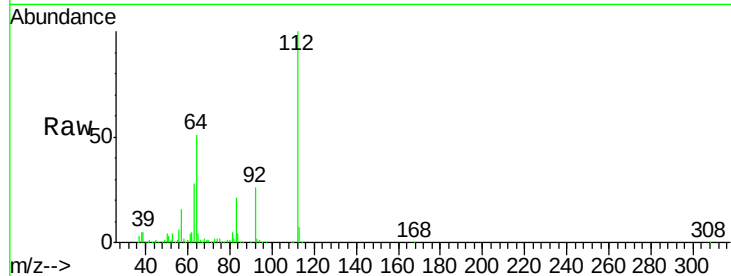
ClientSampleId :

PB105635BS

Tgt Ion:	112	Resp:	350466
Ion Ratio	Lower	Upper	
112	100		
64	50.9	56.3	84.5#
63	28.2	30.1	45.1#

Manual Integrations
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#6

Aniline

Concen: 22.468 ng

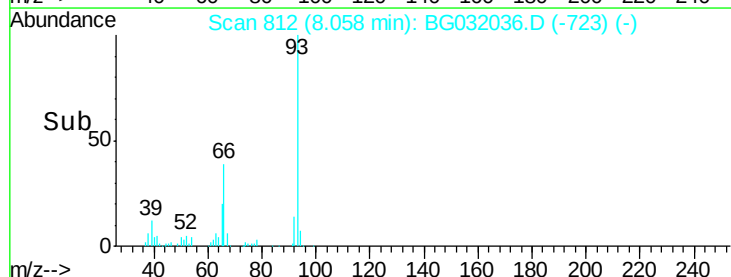
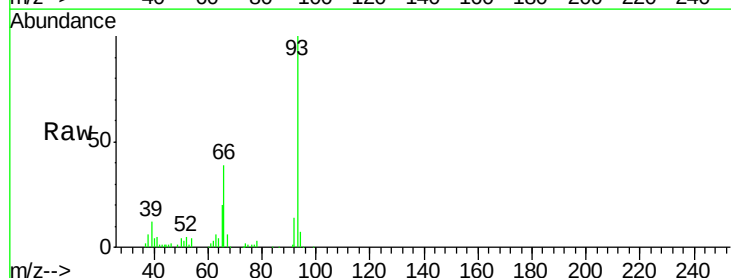
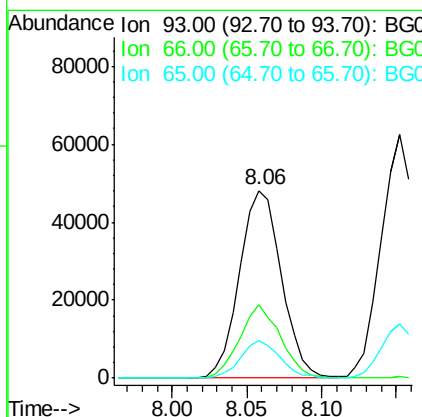
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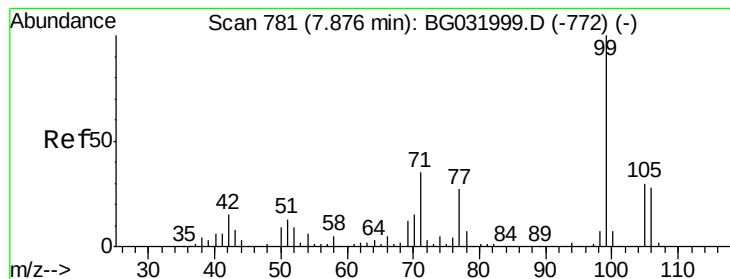
Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Tgt Ion:	93	Resp:	93457
Ion Ratio	Lower	Upper	
93	100		
66	39.0	33.7	50.5
65	20.4	16.1	24.1





#7

Phenol-d6

Concen: 137.980 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

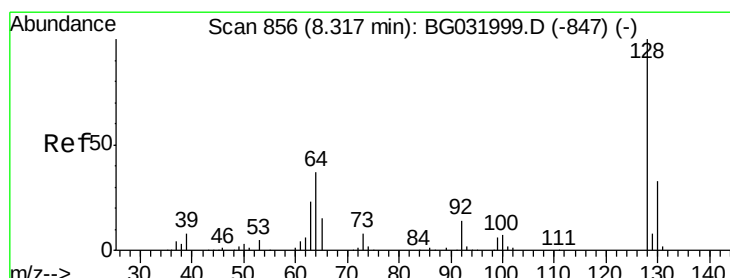
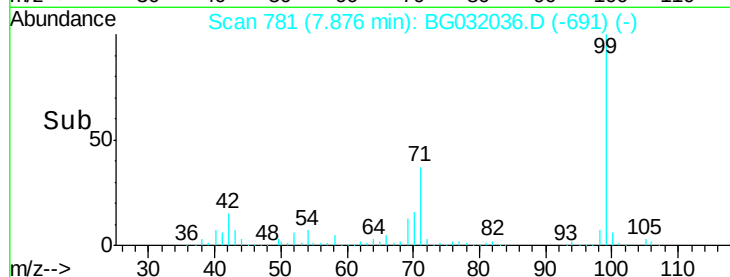
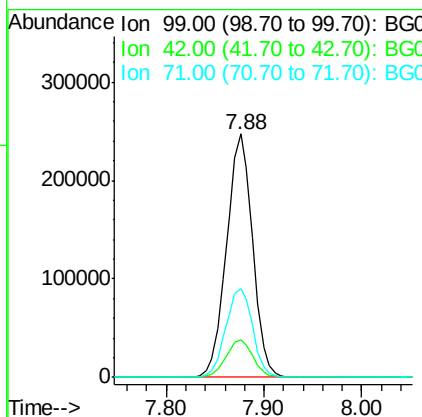
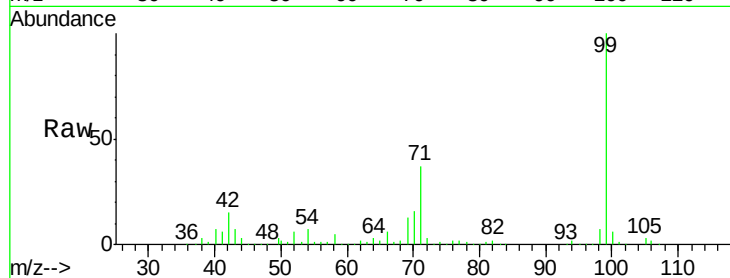
ClientSampleId :

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Tgt Ion:	99	Resp:	455019
Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.1	21.1
71	36.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 44.705 ng

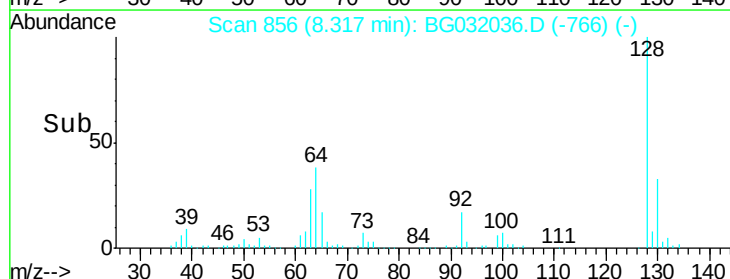
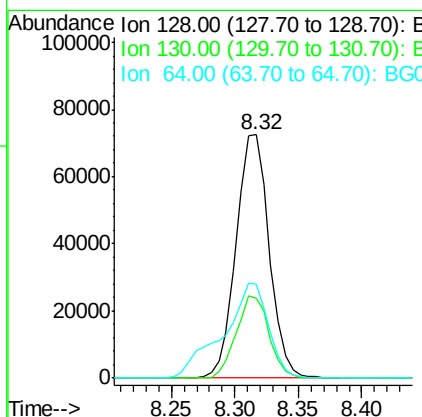
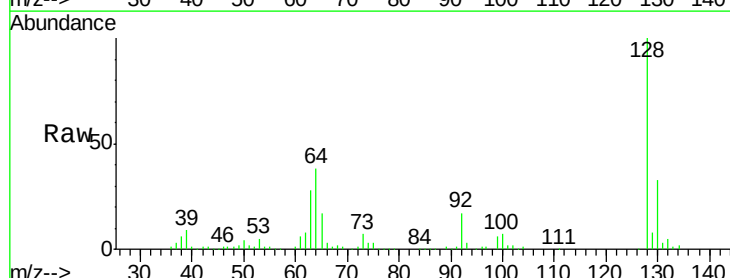
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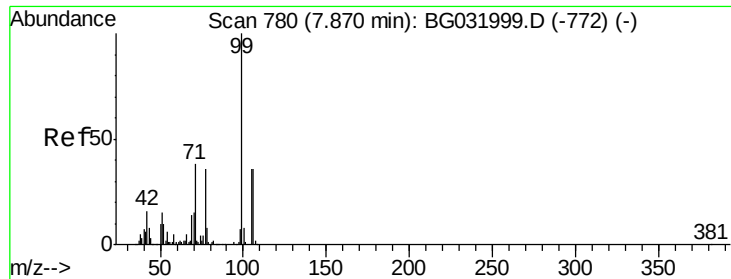
Delta R.T. -0.00 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Tgt Ion:	128	Resp:	130986
Ion	Ratio	Lower	Upper
128	100		
130	32.8	14.0	54.0
64	38.5	37.7	77.7





#9

Benzaldehyde

Concen: 9.093 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

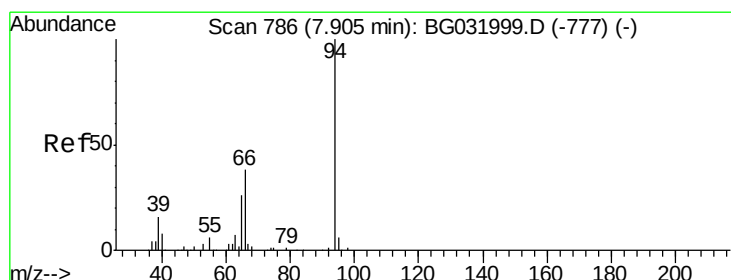
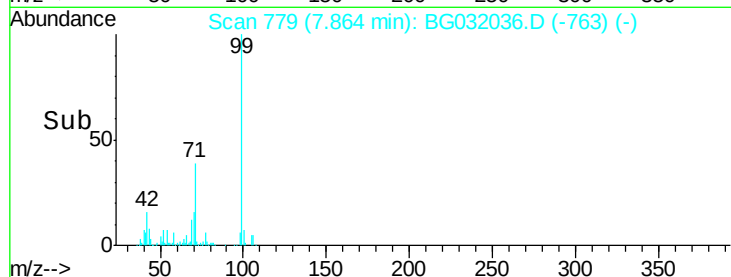
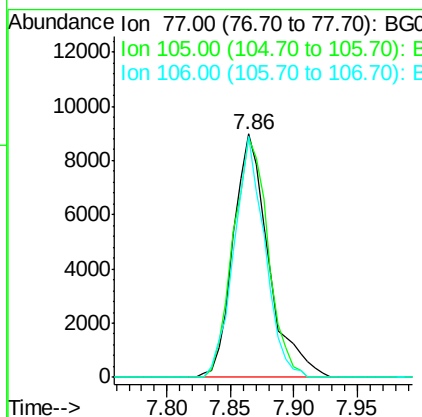
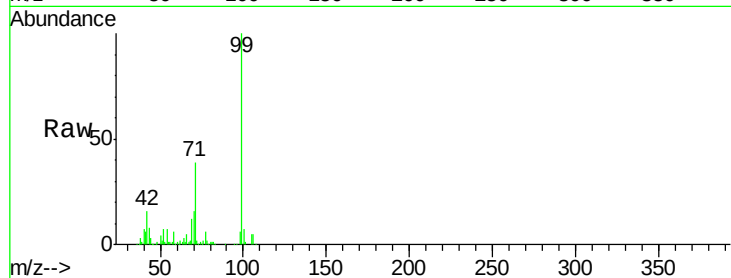
ClientSampleId :

PB105635BS

Tgt Ion:	77	Resp:	17374
Ion	Ratio	Lower	Upper
77	100		
105	98.4	71.3	111.3
106	98.8	64.2	104.2

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#10

Phenol

Concen: 46.245 ng

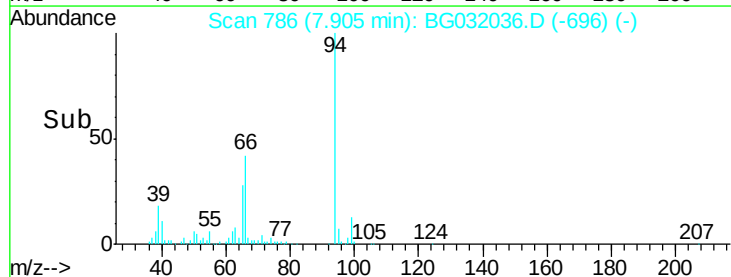
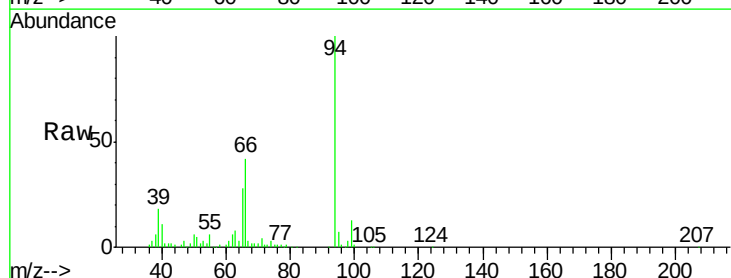
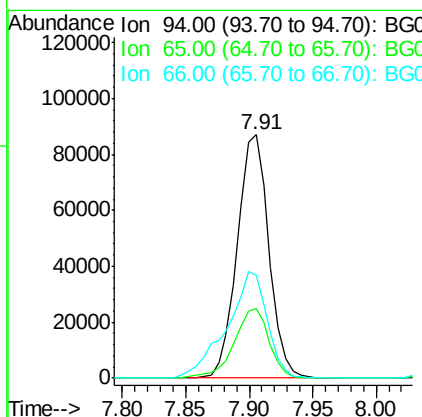
RT: 7.91 min Scan# 786

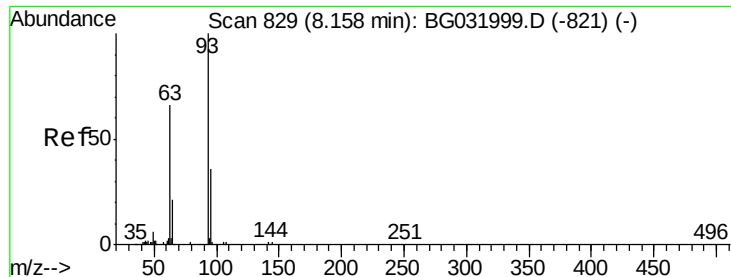
Delta R.T. -0.00 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Tgt Ion:	94	Resp:	150228
Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.9	51.9
66	42.3	22.2	62.2





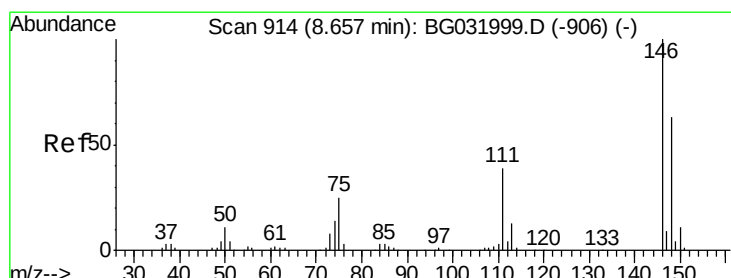
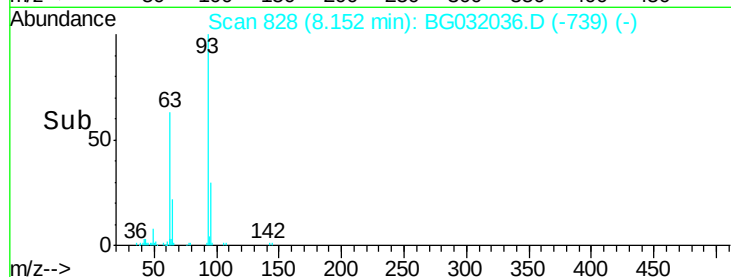
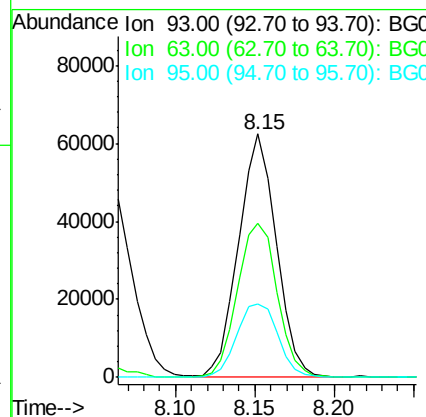
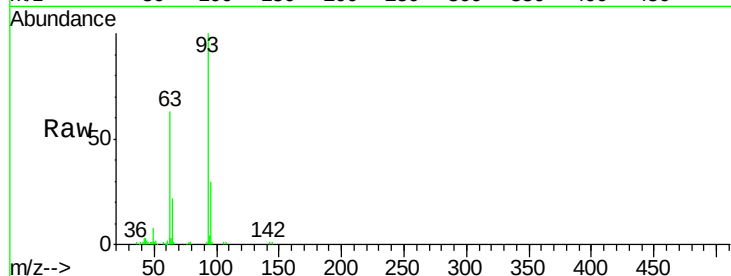
#11
bis(2-Chloroethyl)ether
Concen: 39.457 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	63.5	67.1	107.1#
95	30.1	11.5	51.5

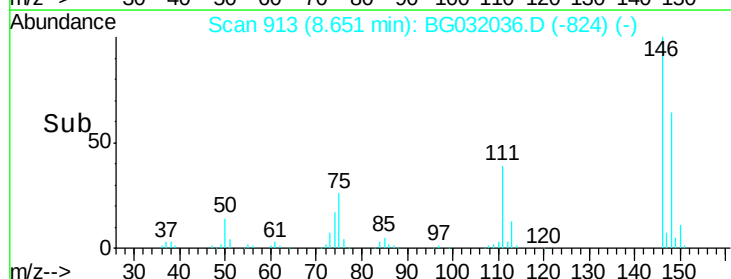
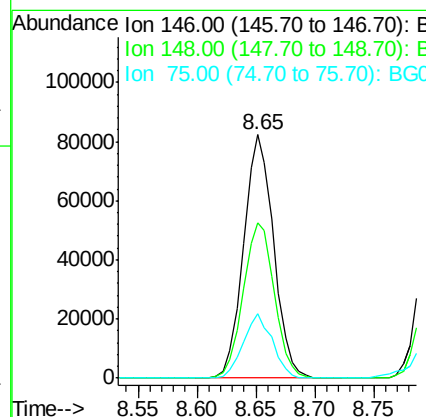
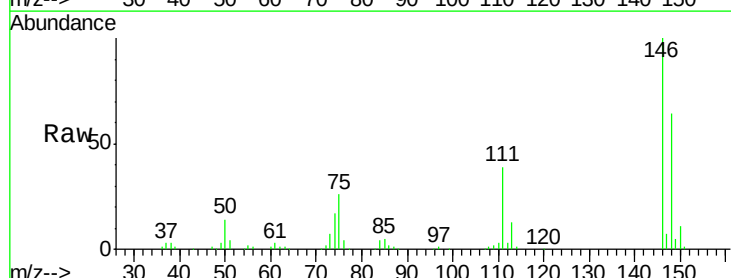
Manual Integrations
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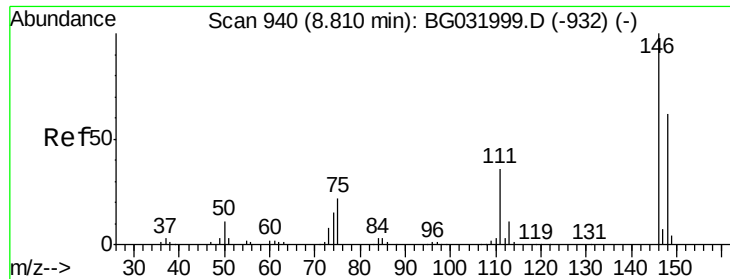
Sohil
1/16/2018 4:59:40 PM



#12
1,3-Dichlorobenzene
Concen: 38.018 ng m
RT: 8.65 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	26.5	26.6	39.8#





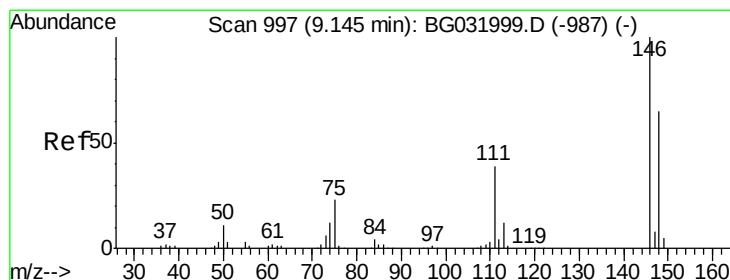
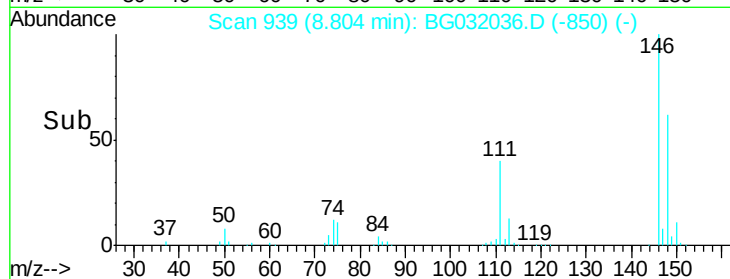
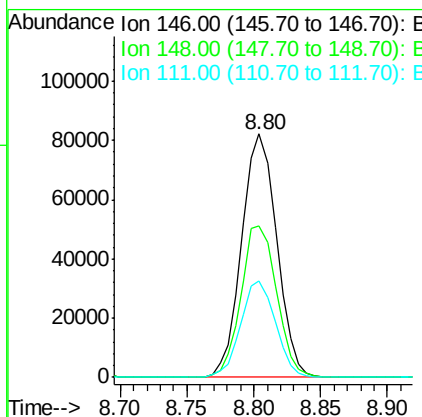
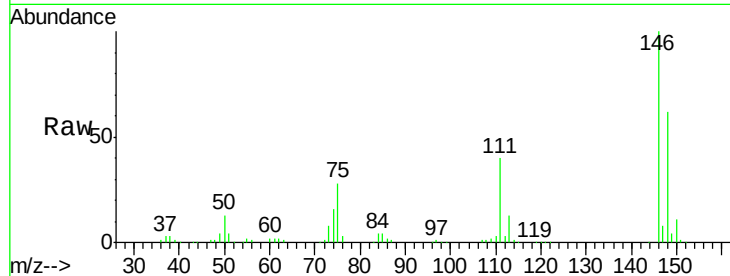
#13
 1,4-Dichlorobenzene
 Concen: 38.738 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampled :
 PB105635BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.7	80.5
111	39.8	35.2	52.8

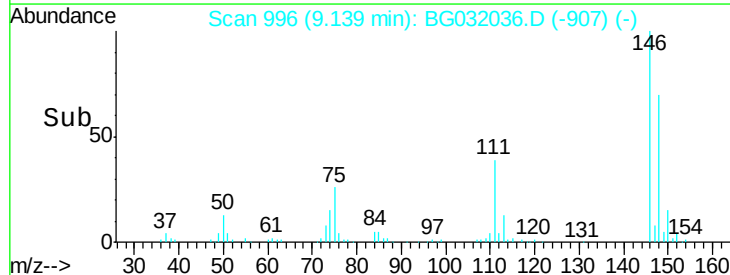
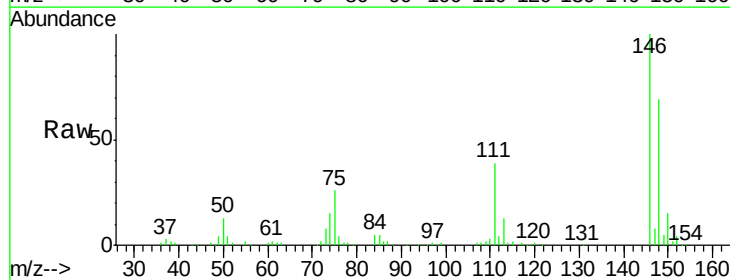
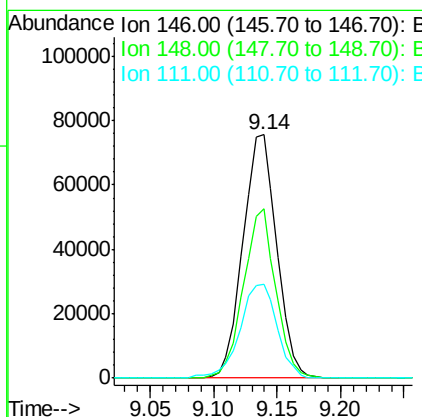
Manual Integrations
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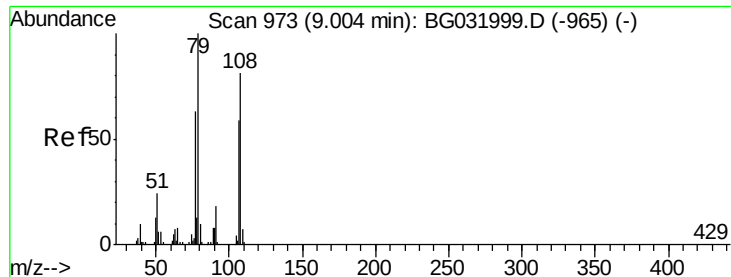
Sohil
 1/16/2018 4:59:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.585 ng
 RT: 9.14 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.5	49.3	73.9
111	38.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 47.450 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

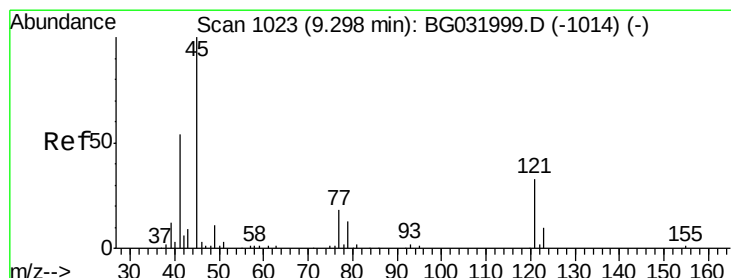
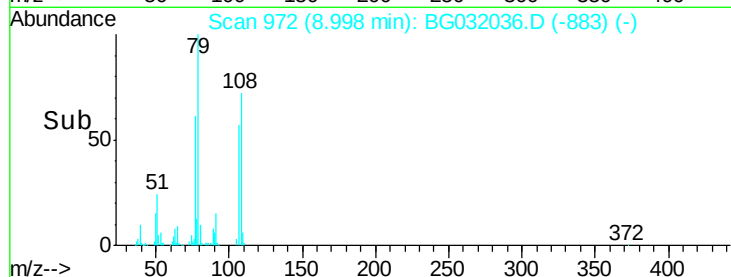
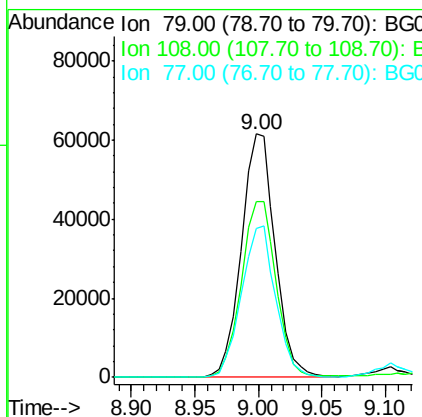
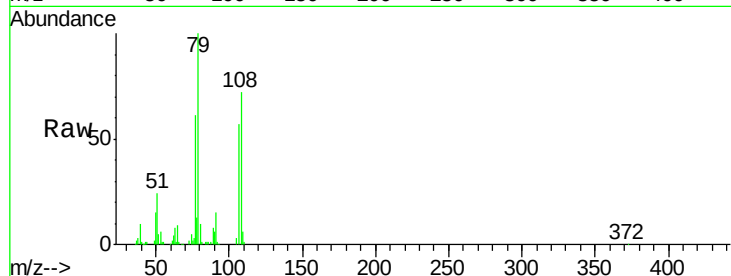
ClientSampleId :

PB105635BS

Tgt Ion:	79	Resp:	113673
Ion Ratio	Lower	Upper	
79	100		
108	72.3	57.2	85.8
77	61.1	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.374 ng

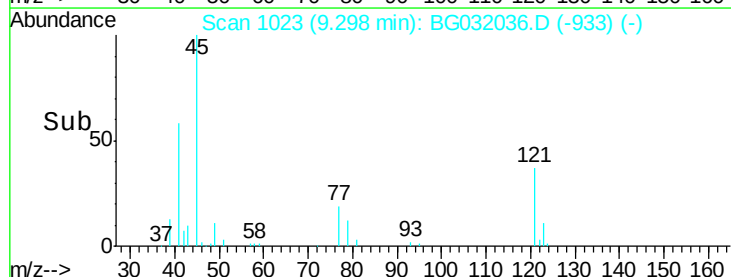
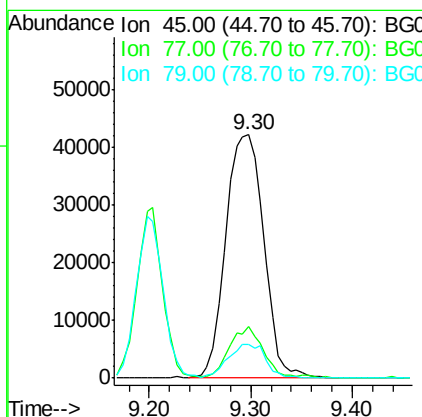
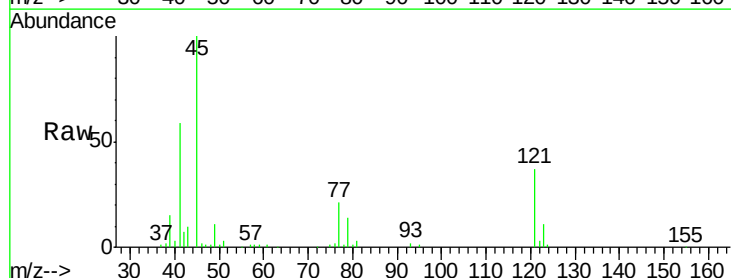
RT: 9.30 min Scan# 1023

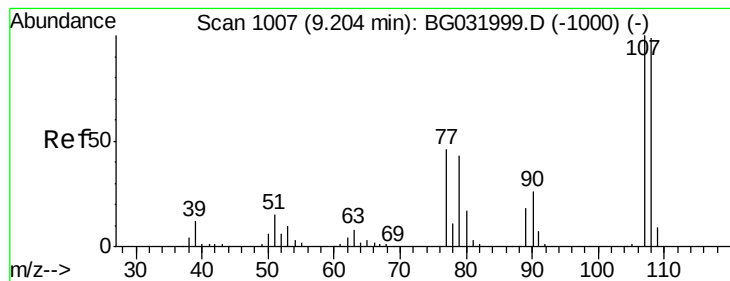
Delta R.T. -0.00 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Tgt Ion:	45	Resp:	109431
Ion Ratio	Lower	Upper	
45	100		
77	21.4	0.0	30.2
79	13.9	0.0	27.9





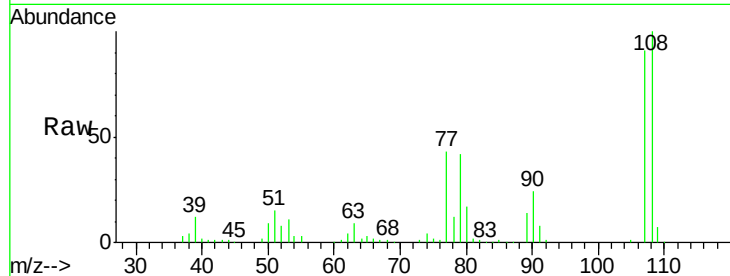
#17
2-Methylphenol
Concen: 43.520 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampled :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	83.9	125.9	
77	47.4	37.2	55.8	
79	45.7	36.2	54.2	

Manual Integrations
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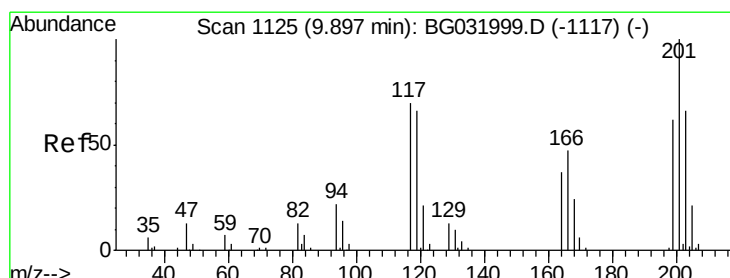
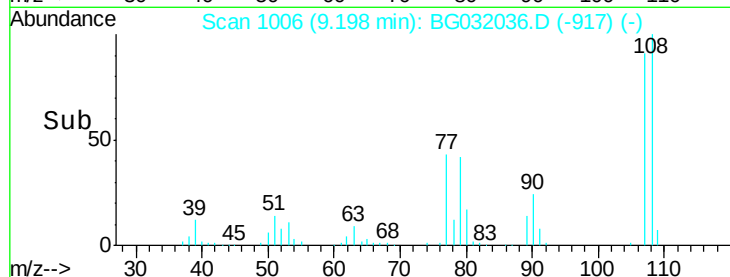
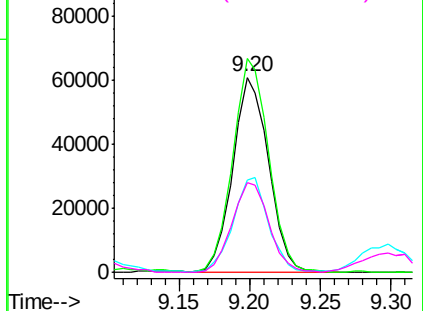
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.971 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

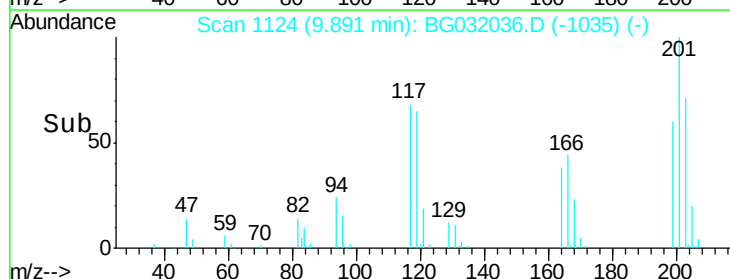
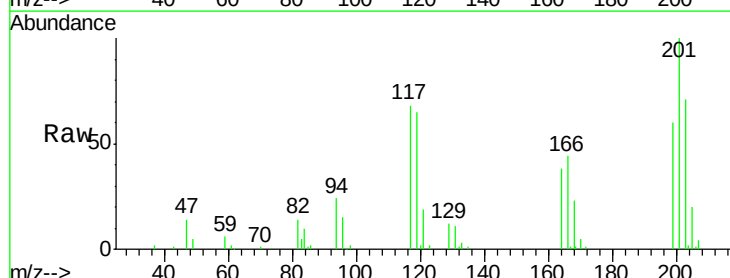
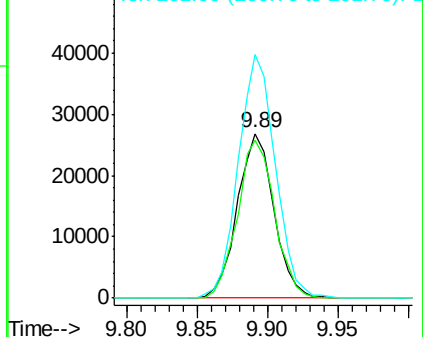
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.7	115.1	
201	147.8	95.7	143.5	

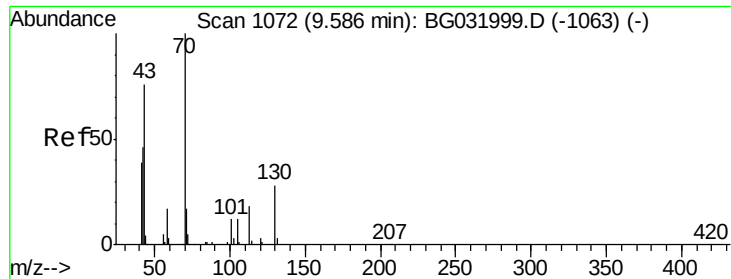
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





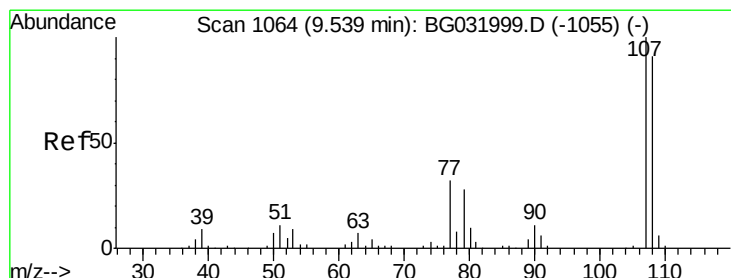
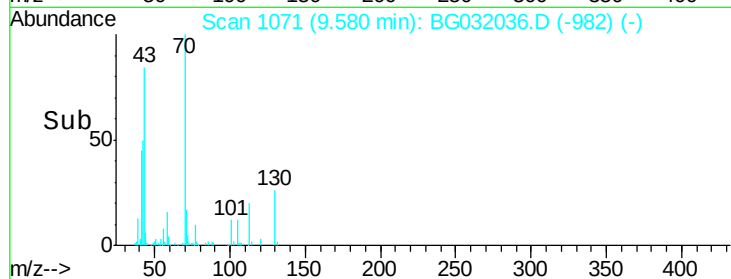
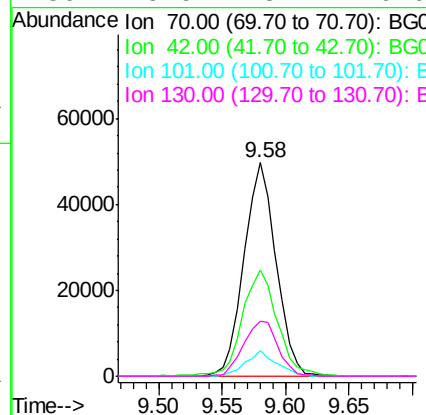
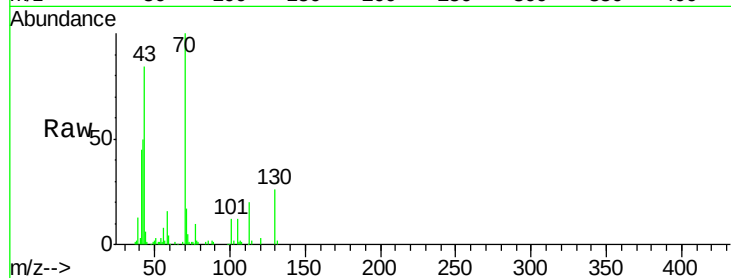
#19
n-Nitroso-di-n-propylamine
Concen: 42.536 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.1	73.7
101	11.8	8.5	12.7
130	25.5	13.4	20.0#

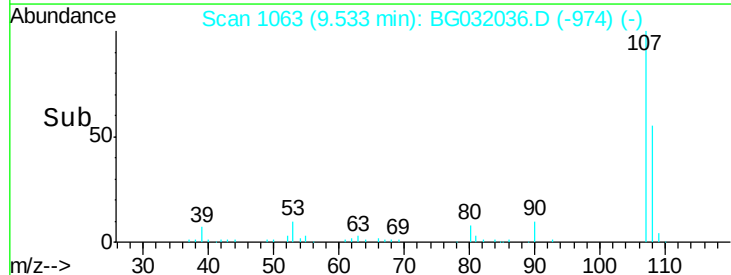
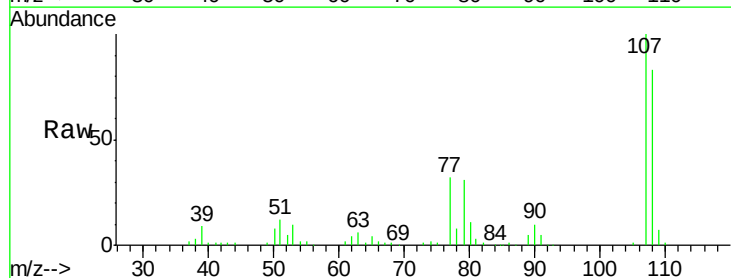
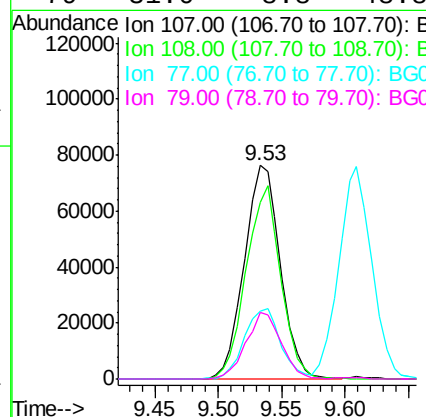
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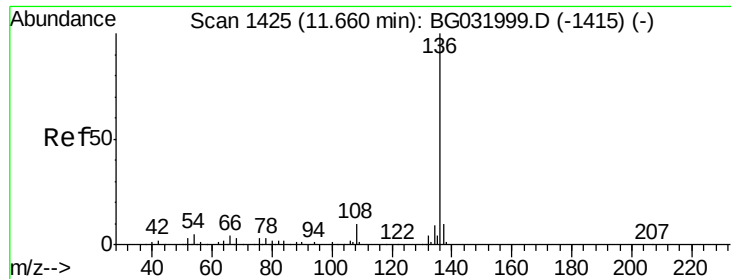
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#20
3+4-Methylphenols
Concen: 43.926 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.0	61.6	101.6
77	31.7	13.9	53.9
79	31.0	8.8	48.8





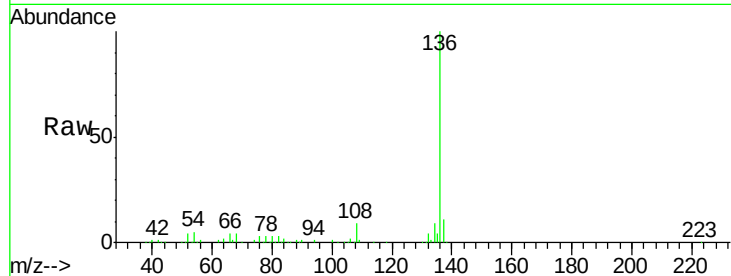
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

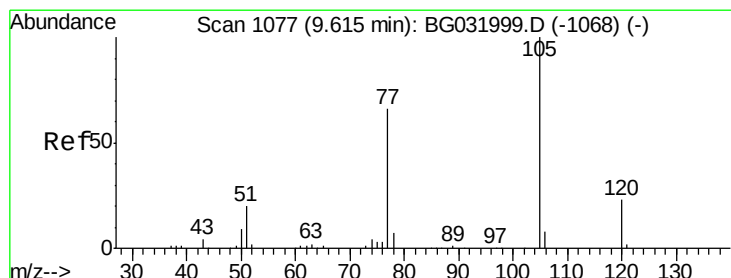
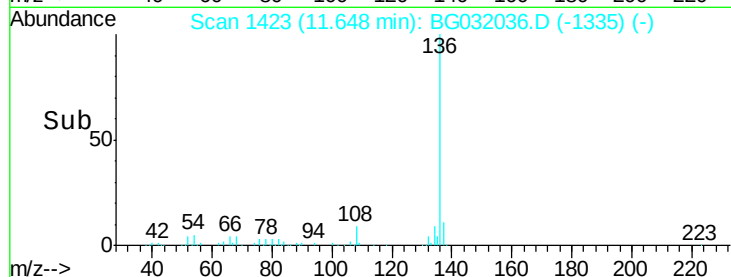
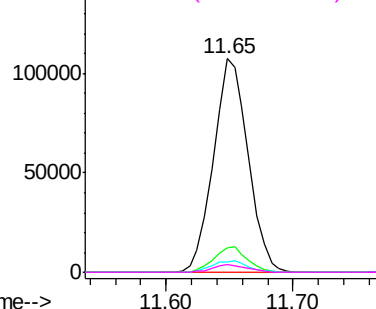
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	9.2	13.8
54	5.0	10.3	15.5#
68	3.6	4.5	6.7#

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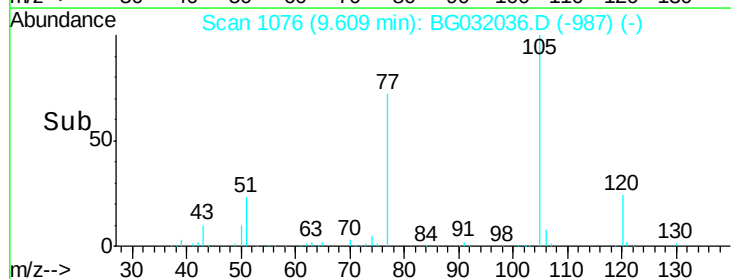
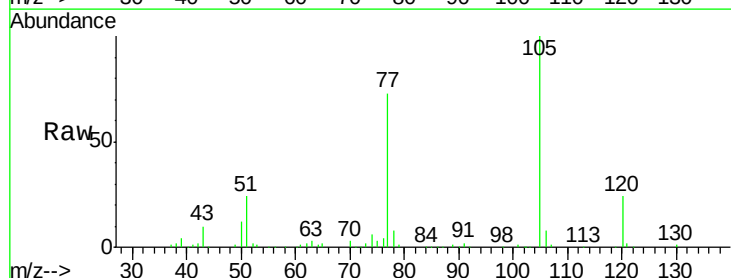
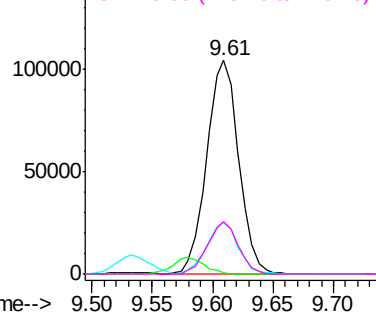
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

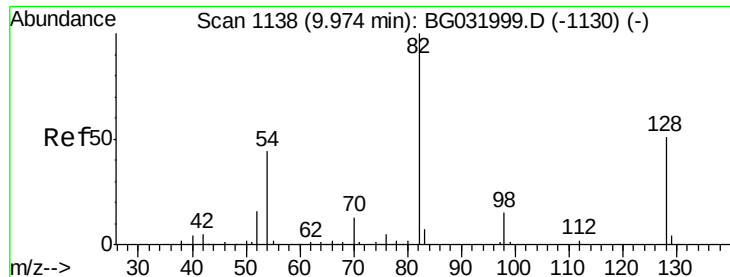


#22
Acetophenone
Concen: 41.664 ng
RT: 9.61 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.4	3.0	4.4#
51	24.1	26.1	39.1#
120	24.4	17.4	26.2

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





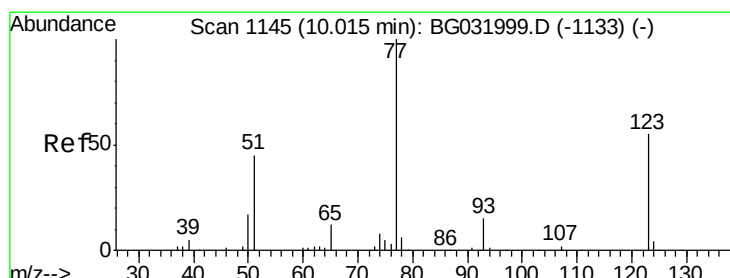
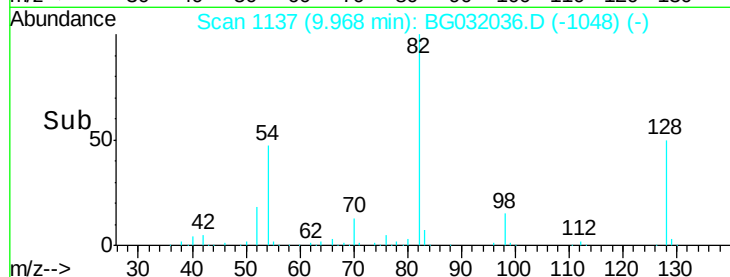
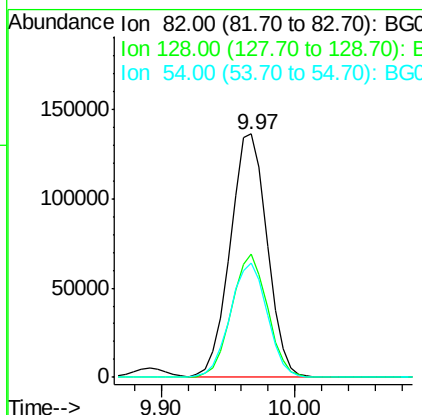
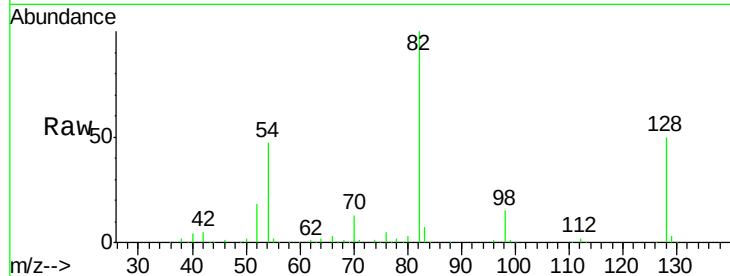
#23
 Nitrobenzene-d5
 Concen: 87.319 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	262141		
128	50.5	29.7	44.5#	
54	47.1	43.1	64.7	

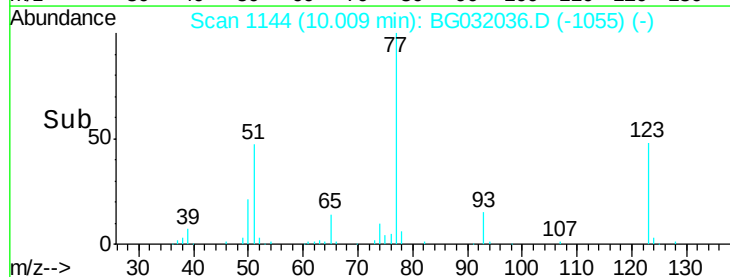
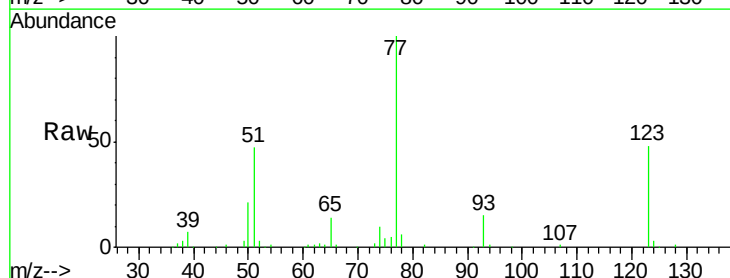
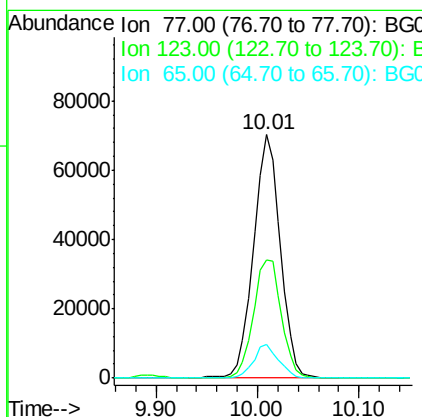
Manual Integrations
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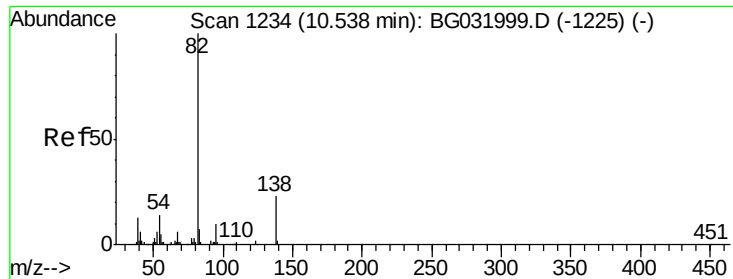
Sohil
 1/16/2018 4:59:40 PM



#24
 Nitrobenzene
 Concen: 42.765 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	128062		
123	48.3	33.0	49.6	
65	14.1	13.0	19.6	





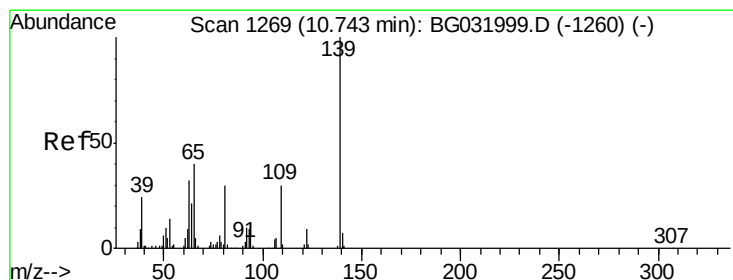
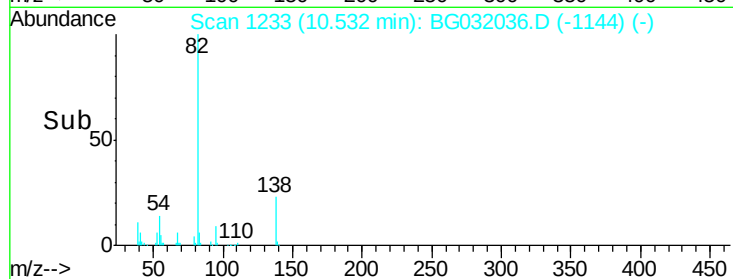
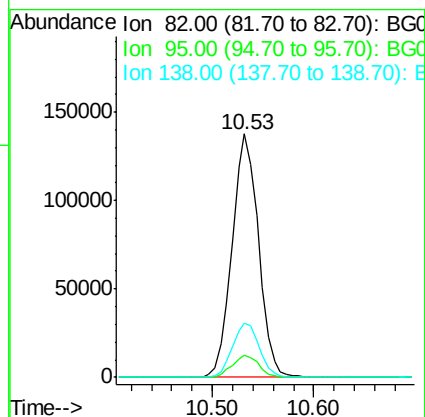
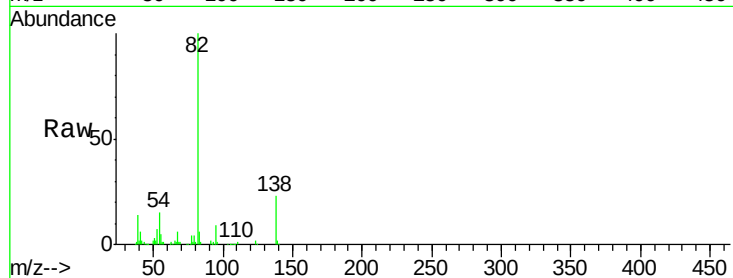
#25
Isophorone
Concen: 44.371 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	9.0	6.2	9.2
138	22.5	12.1	18.1

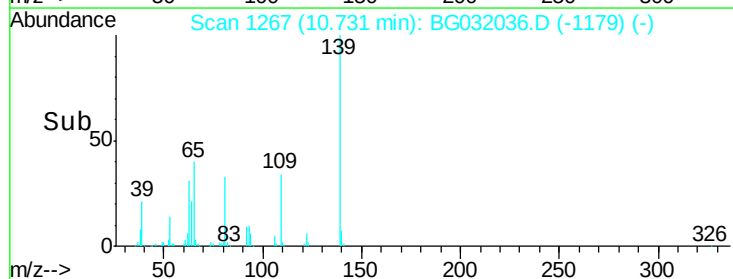
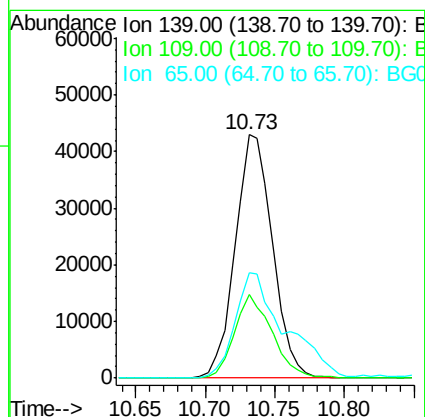
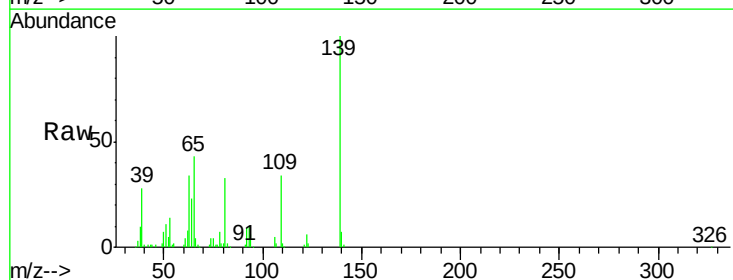
Manual Integrations
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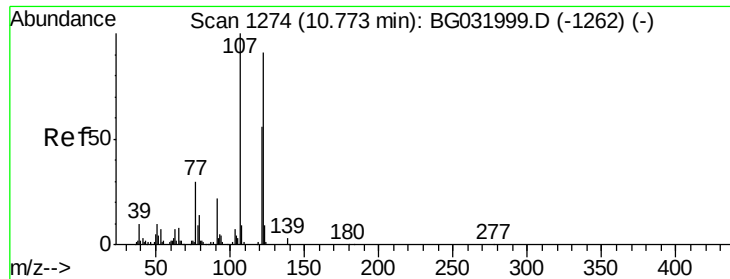
Sohil
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#26
2-Nitrophenol
Concen: 45.250 ng m
RT: 10.73 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	34.2	24.2	36.2
65	43.3	47.4	71.0





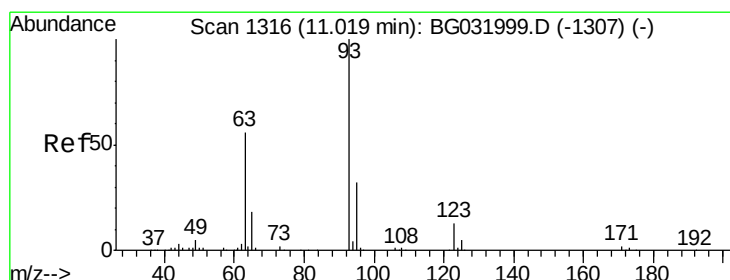
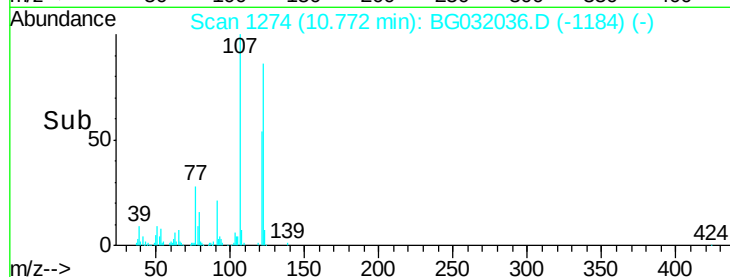
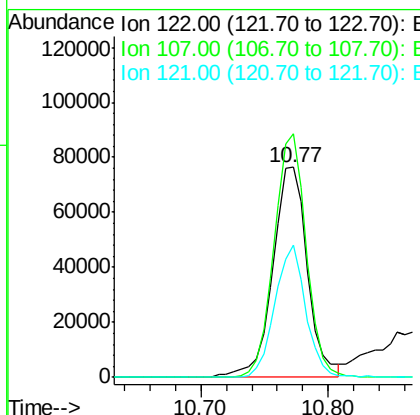
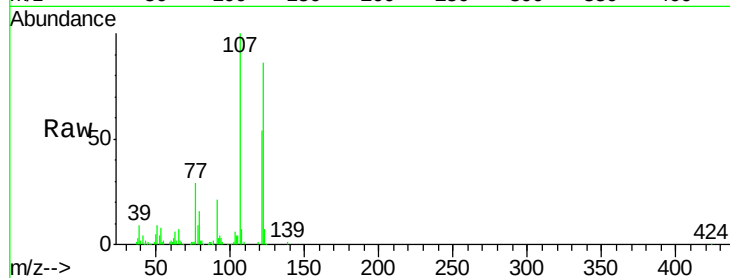
#27
2,4-Dimethylphenol
Concen: 51.551 ng
RT: 10.77 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.9	100.2	150.2
121	63.0	44.4	66.6

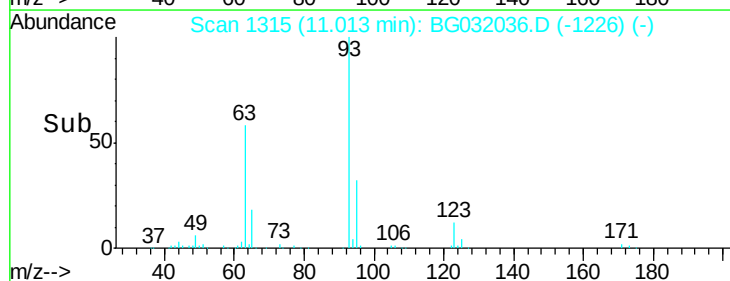
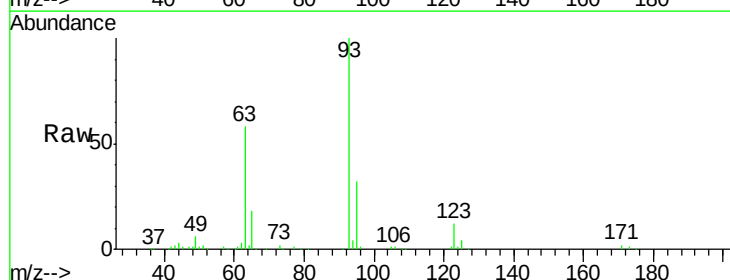
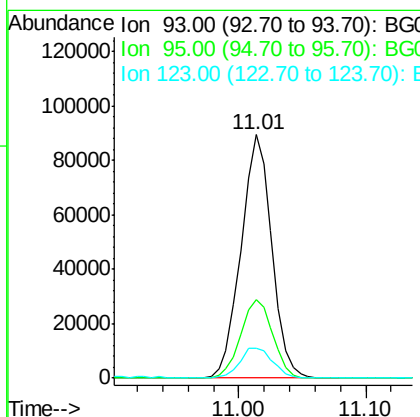
Manual Integrations
APPROVED

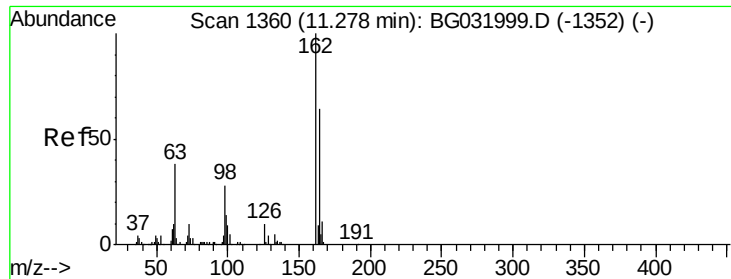
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.667 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.3	36.5
123	12.5	8.4	12.6





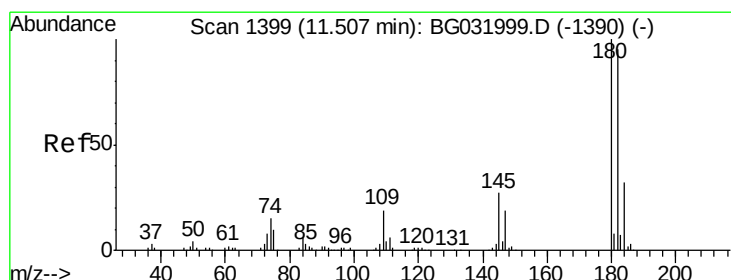
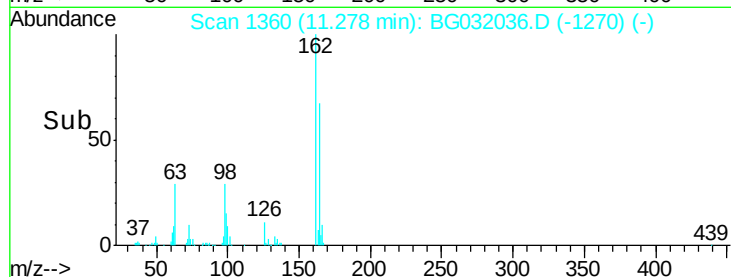
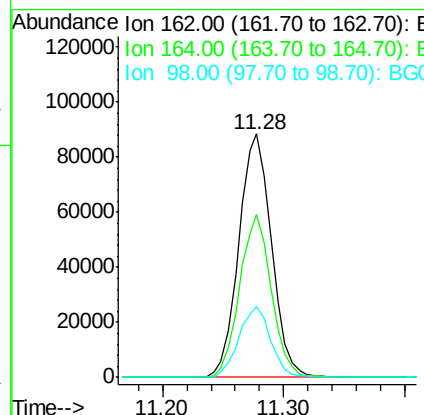
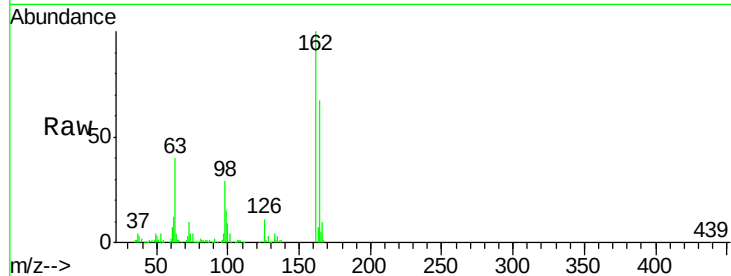
#29
2,4-Dichlorophenol
Concen: 48.018 ng
RT: 11.28 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	166367		
164	67.0	48.0	88.0	
98	29.1	21.1	61.1	

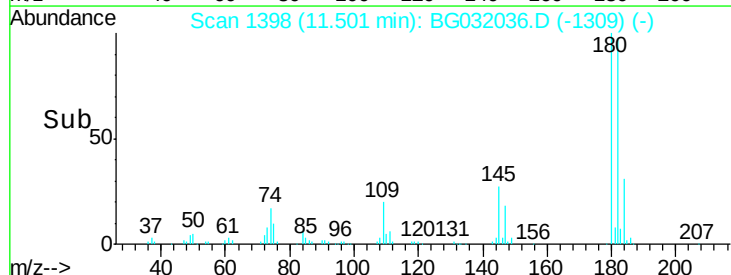
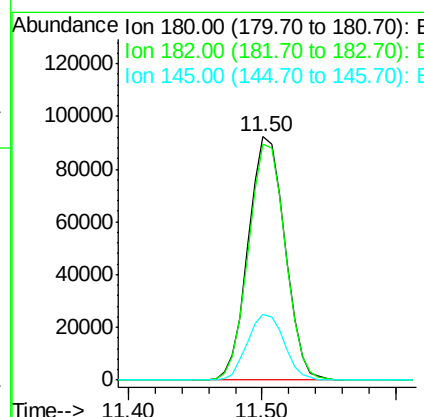
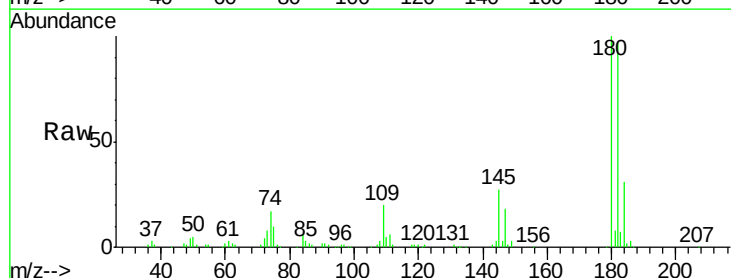
Manual Integrations
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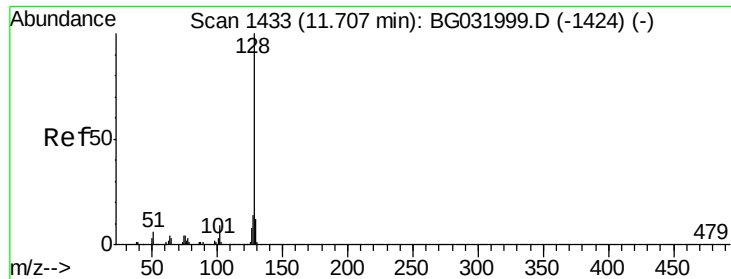
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#30
1,2,4-Trichlorobenzene
Concen: 39.099 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174947		
182	96.8	77.5	116.3	
145	27.1	23.4	35.2	





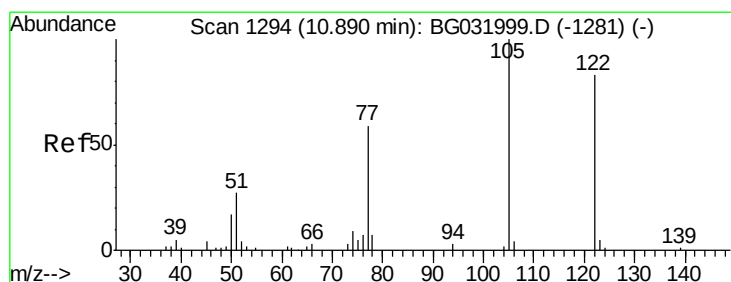
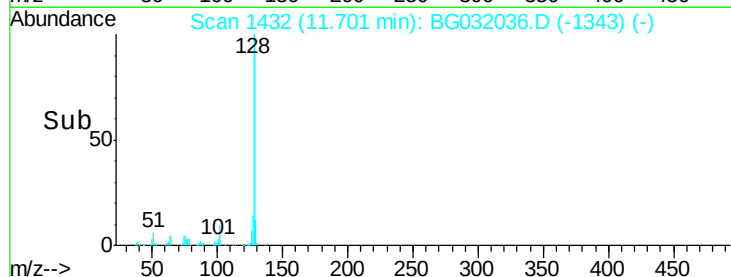
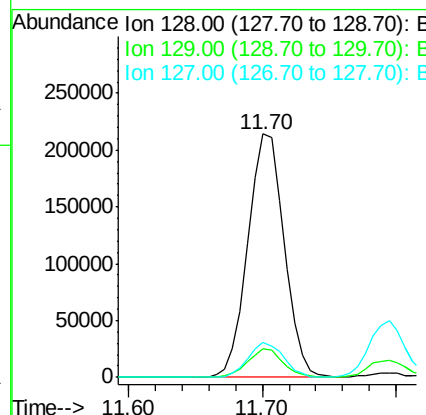
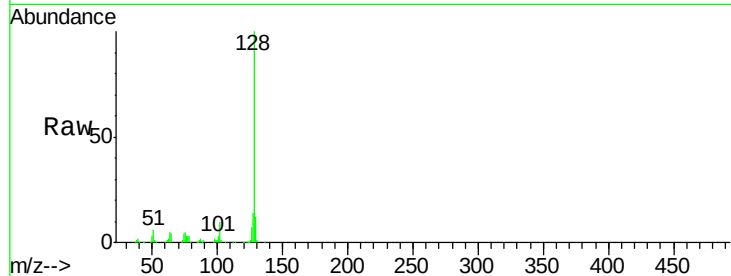
#31
Naphthalene
Concen: 40.008 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	402535		
129	11.6		8.6	12.8
127	14.3		11.6	17.4

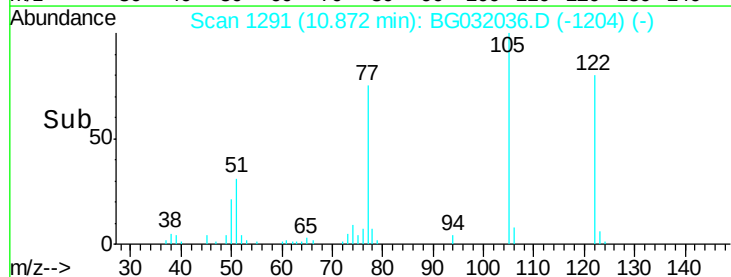
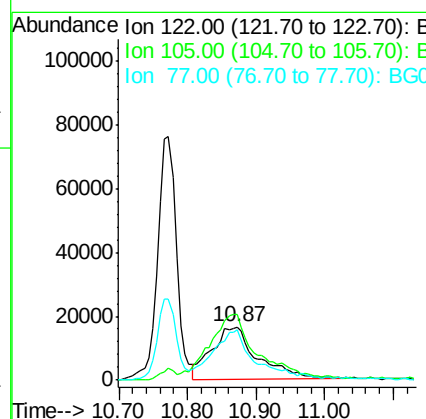
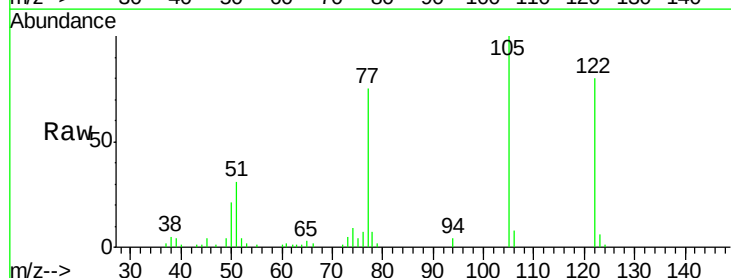
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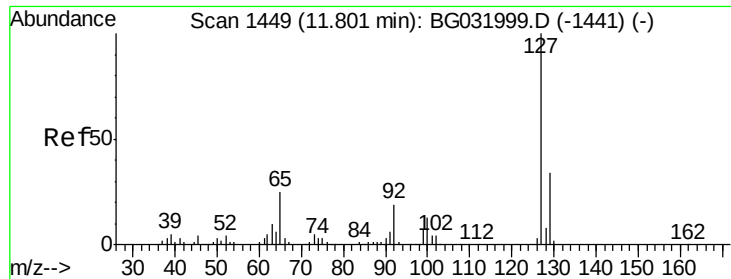
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#32
Benzoic acid
Concen: 35.242 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	76061		
105	124.9		123.5	163.5
77	93.8		85.7	125.7





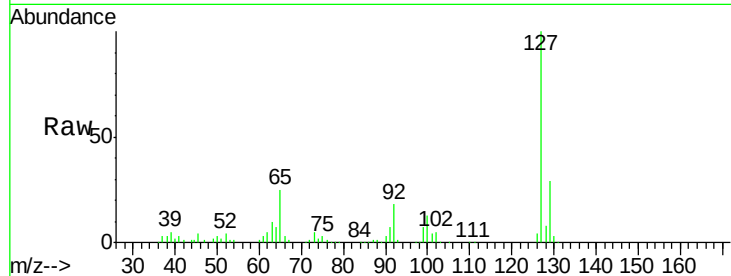
#33
4-Chloroaniline
Concen: 21.096 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

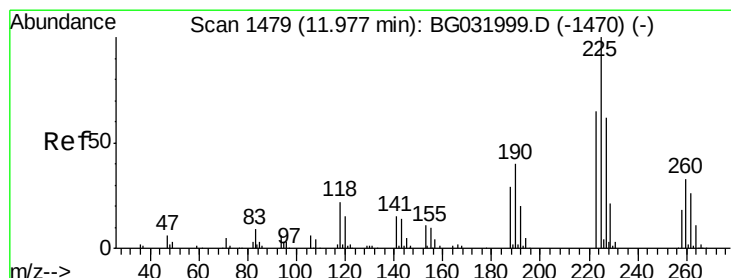
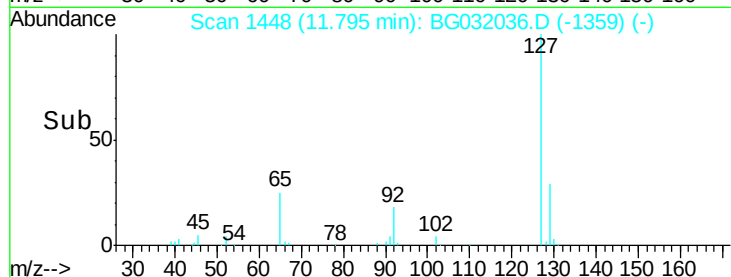
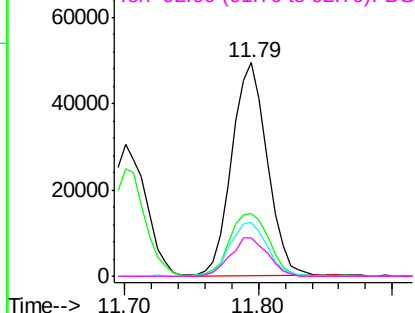
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	91018		
129	29.4	24.0	36.0	
65	25.4	27.0	40.4	
92	17.8	16.6	25.0	

Manual Integrations
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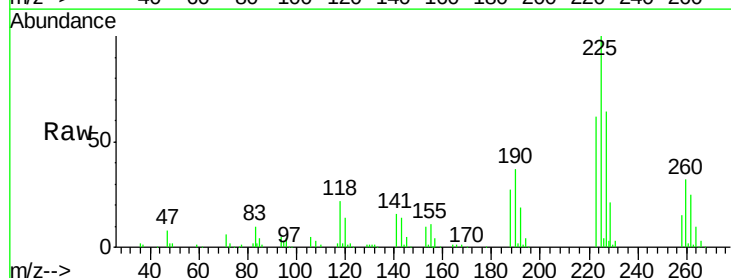


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

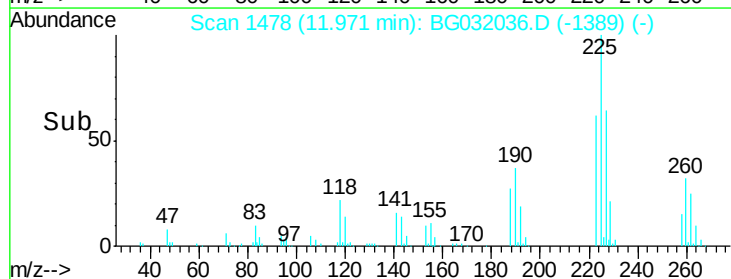
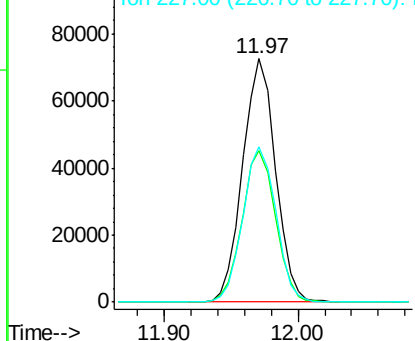


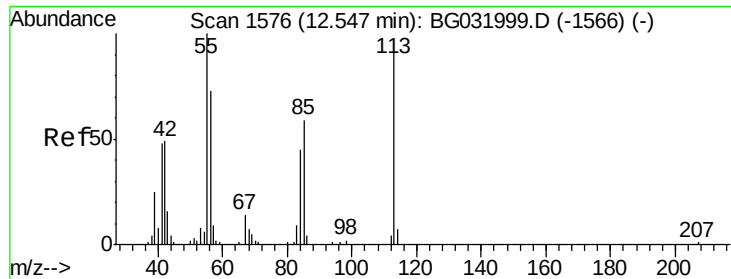
#34
Hexachlorobutadiene
Concen: 38.425 ng
RT: 11.97 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123491		
223	62.4	49.7	74.5	
227	63.9	48.1	72.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 54.941 ng

RT: 12.55 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

ClientSampleId :

PB105635BS

Tgt Ion:113 Resp: 57748

Ion Ratio Lower Upper

113 100

55 121.1 186.9 226.9#

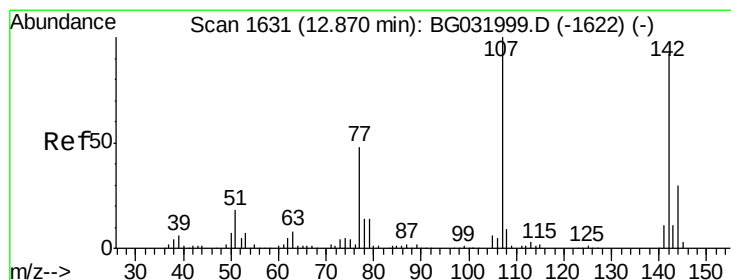
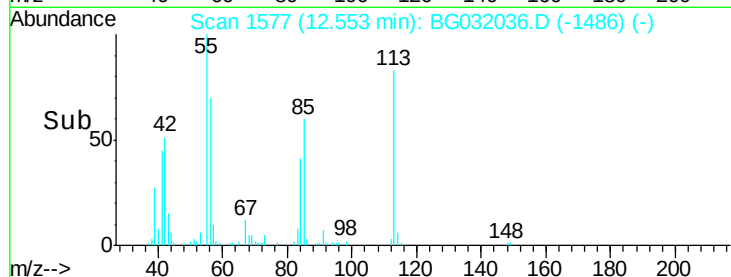
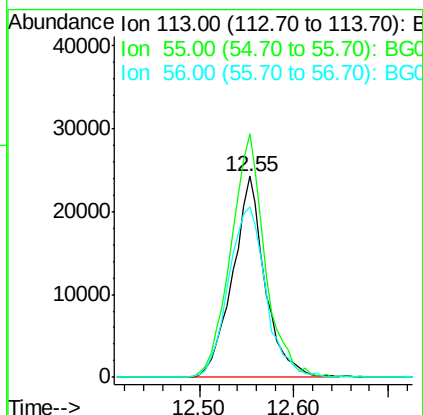
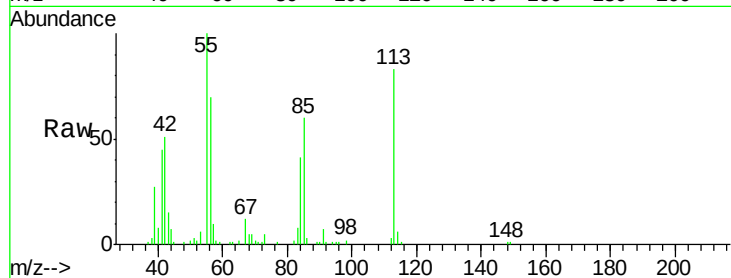
56 84.7 130.9 170.9#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 50.313 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

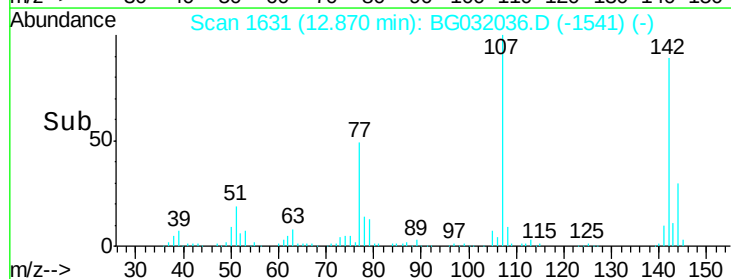
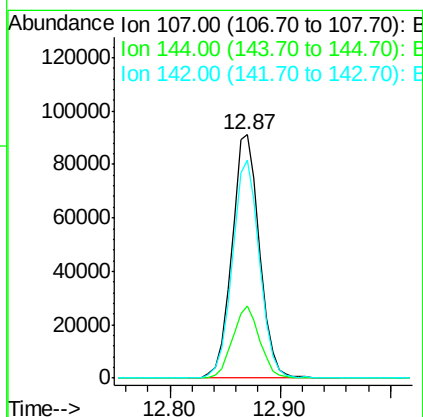
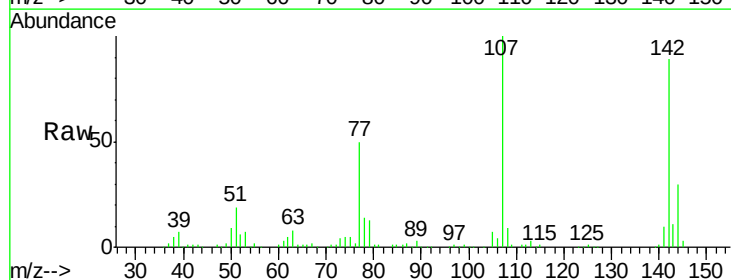
Tgt Ion:107 Resp: 159558

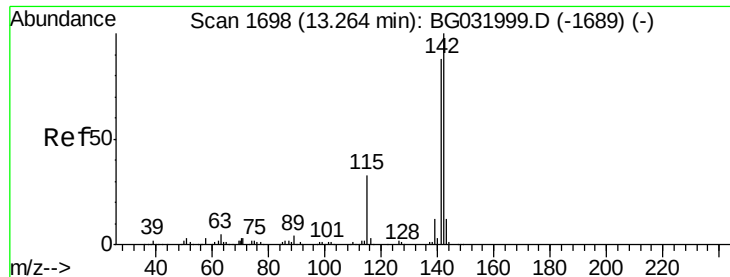
Ion Ratio Lower Upper

107 100

144 29.8 18.2 27.4#

142 89.4 59.0 88.4#





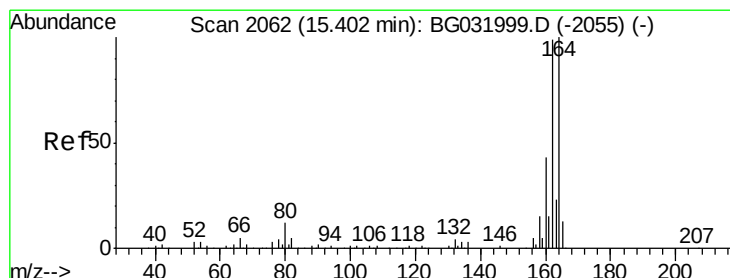
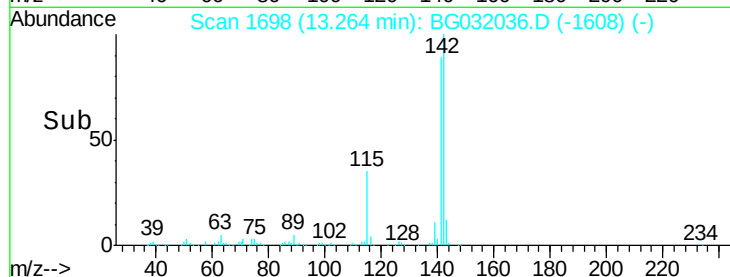
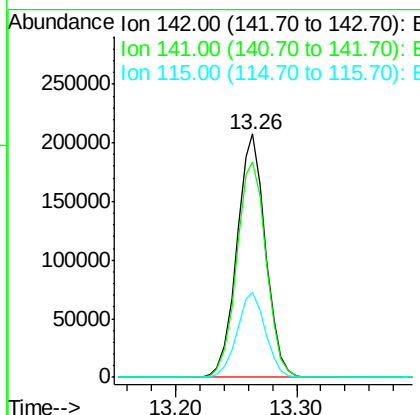
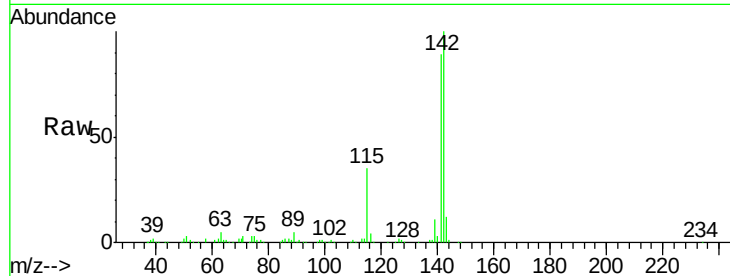
#37
2-Methylnaphthalene
Concen: 42.661 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	340775		
141	88.7	67.1	100.7	
115	35.0	30.7	46.1	

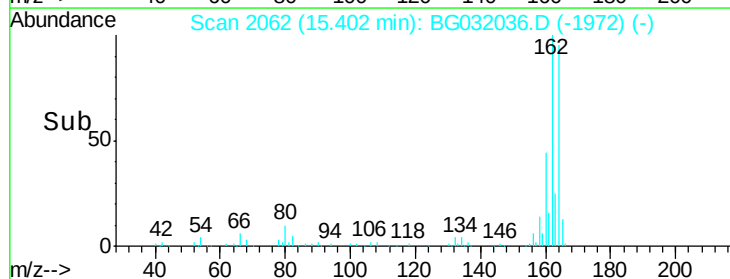
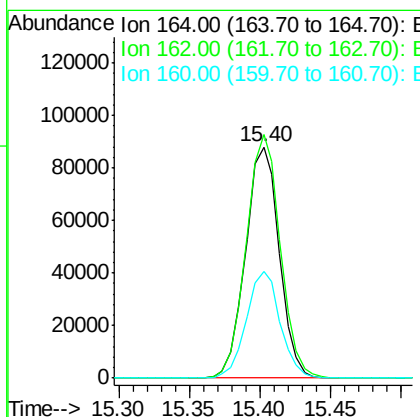
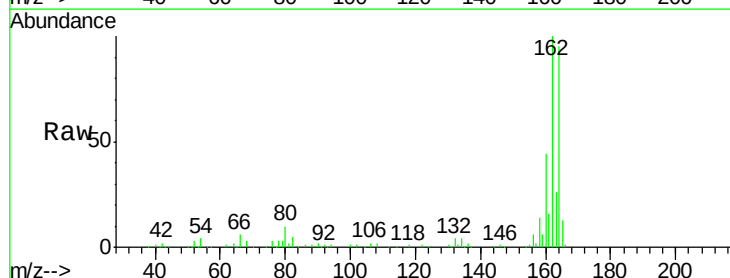
Manual Integrations
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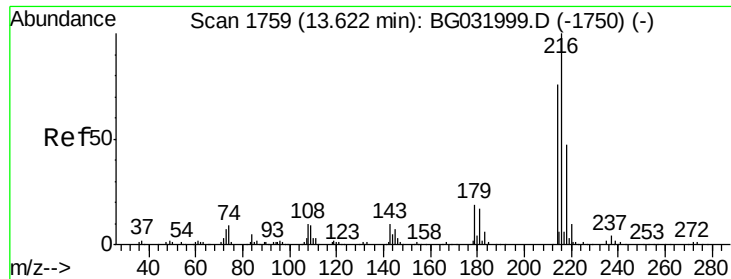
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147353		
162	105.2	78.8	118.2	
160	46.4	35.4	53.0	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.926 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

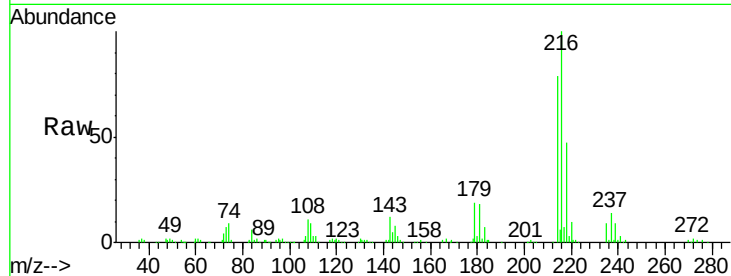
ClientSampleId :

PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	250026		
214	77.6	63.0	94.4	
179	18.7	17.0	25.6	
108	12.5	12.8	19.2	

Manual Integrations
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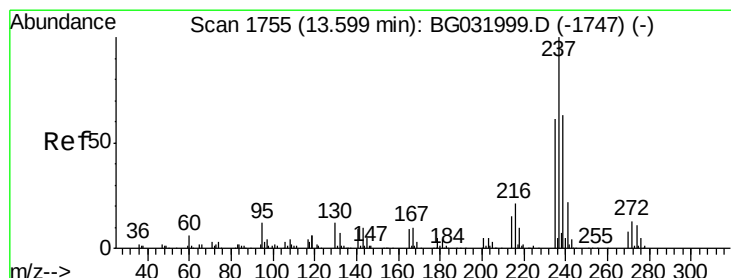
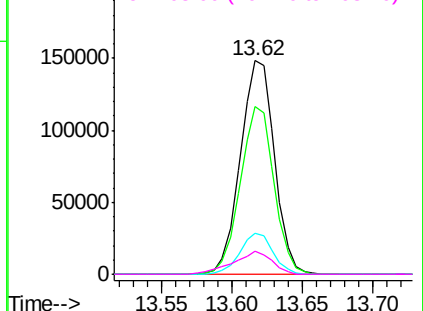
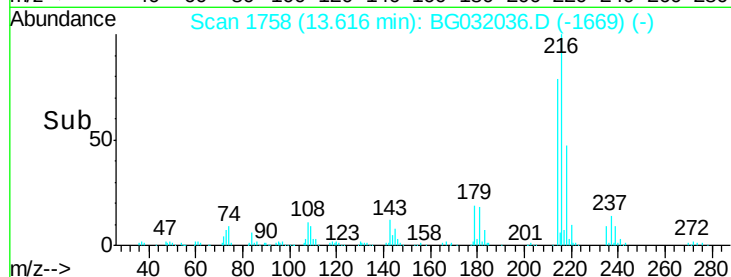


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.622 ng

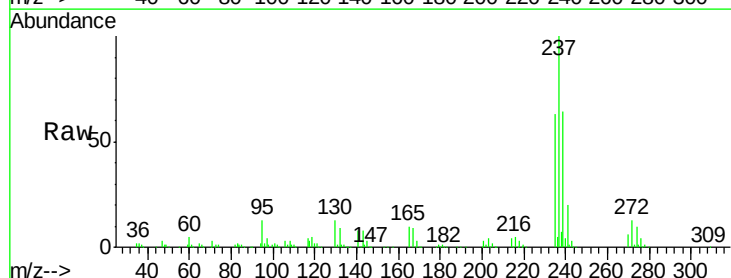
RT: 13.59 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

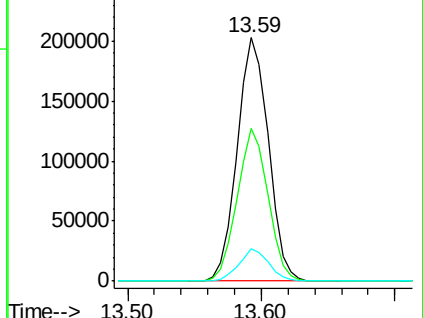
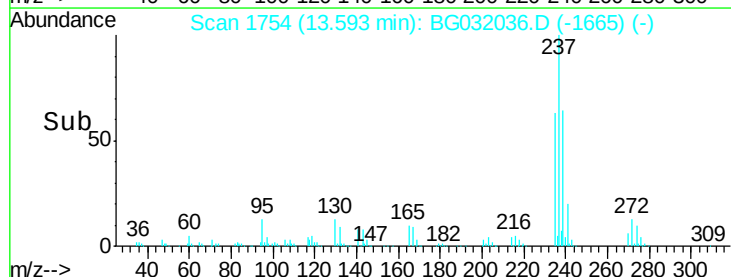
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	327844		
235	62.8	50.4	90.4	
272	13.3	0.0	31.8	

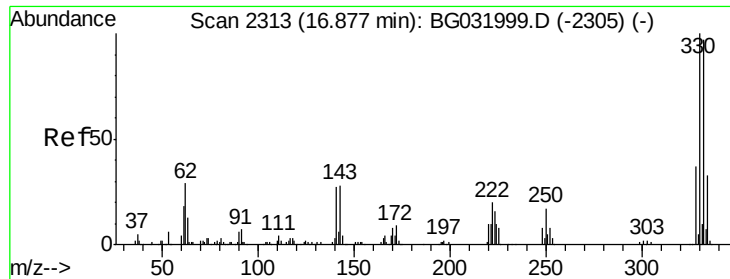


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





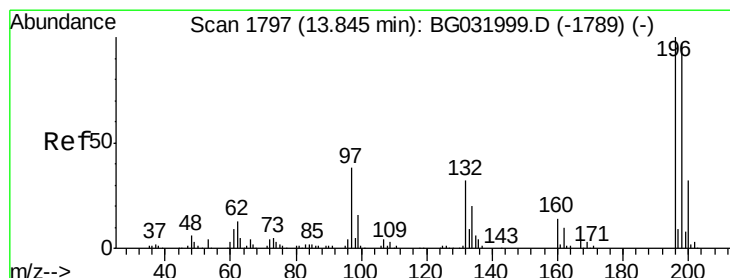
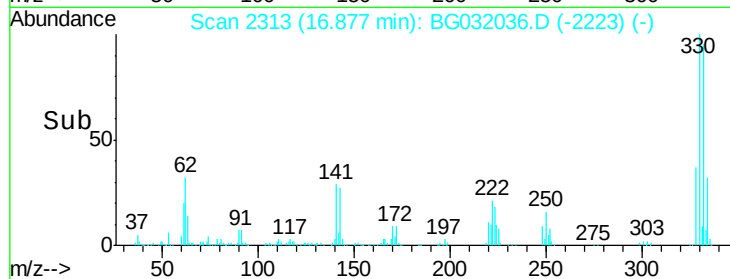
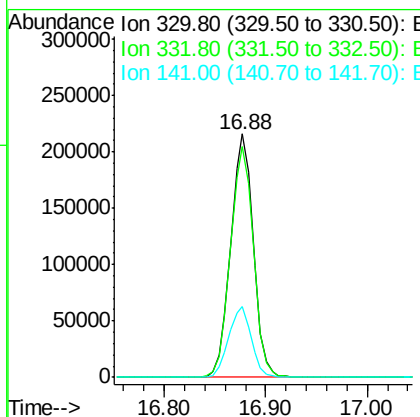
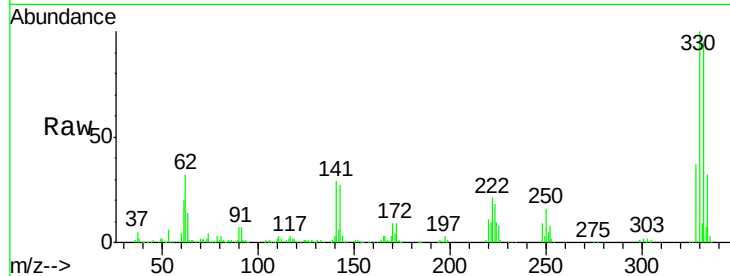
#41
 2,4,6-Tribromophenol
 Concen: 136.532 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampled :
 PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	332912		
332	96.7	77.0	115.6	
141	29.4	25.2	37.8	

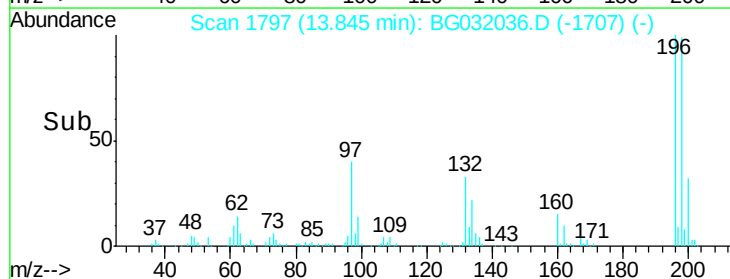
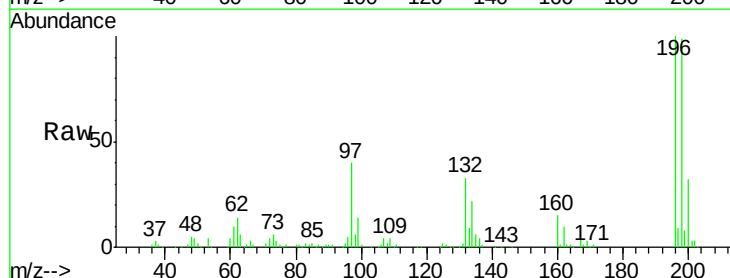
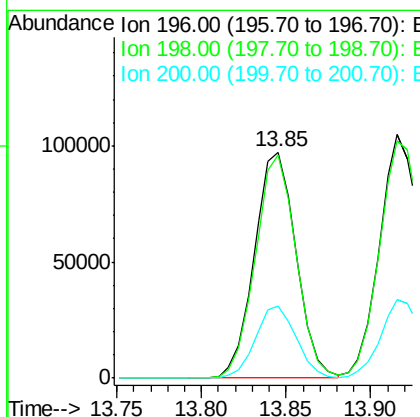
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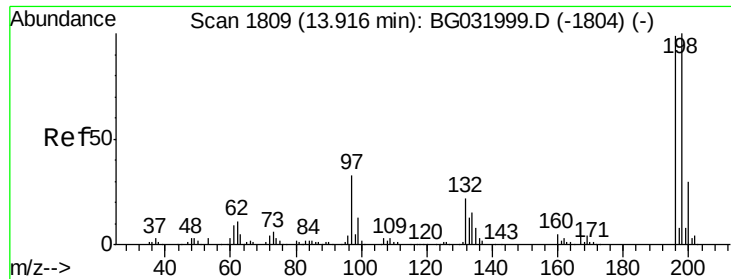
Sohil
 1/16/2018 4:59:40 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.183 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166675		
198	98.8	78.2	117.2	
200	31.6	24.6	36.8	





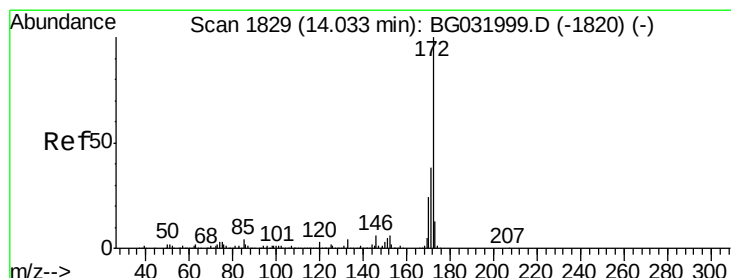
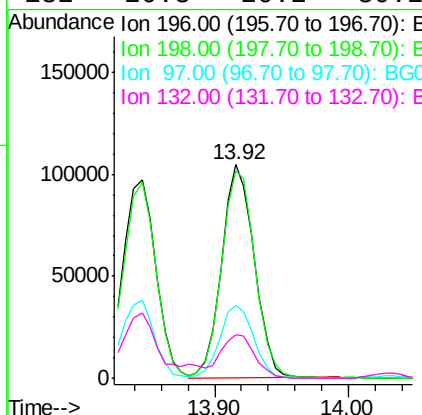
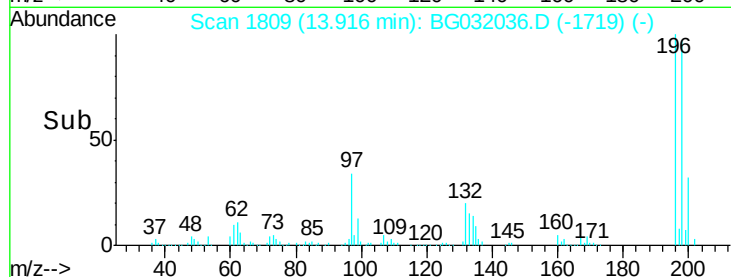
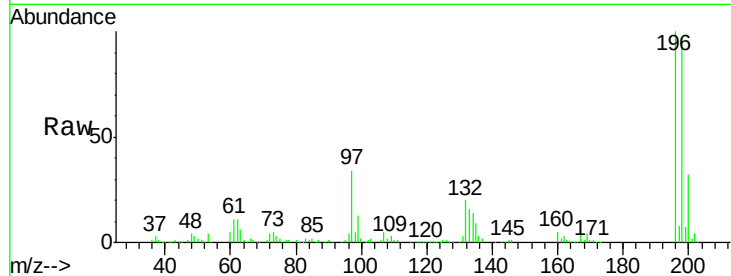
#43
 2,4,5-Trichlorophenol
 Concen: 42.802 ng
 RT: 13.92 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178802		
198	97.3	76.2	114.4	
97	34.0	38.7	58.1	
132	20.3	20.2	30.2	

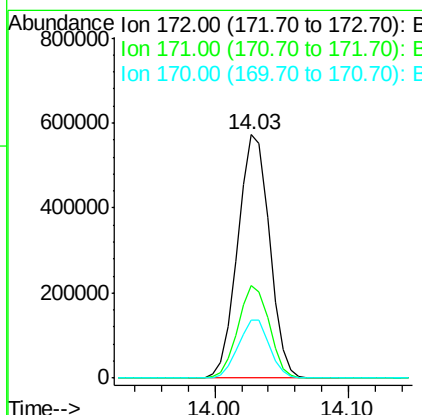
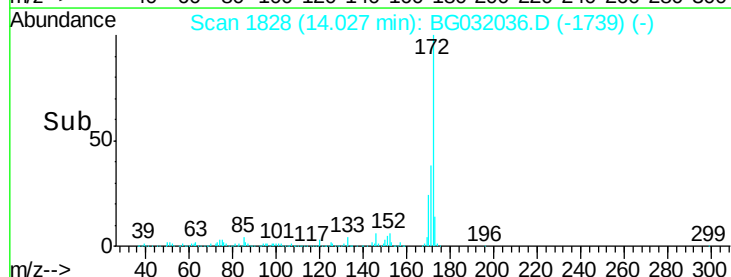
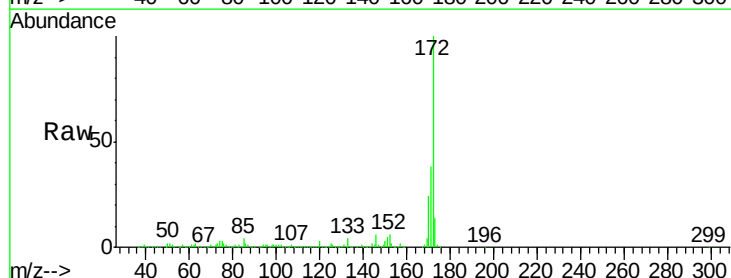
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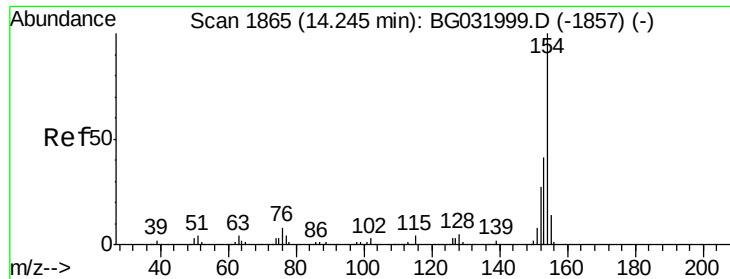
Sohil
 1/16/2018 4:59:40 PM



#44
 2-Fluorobiphenyl
 Concen: 79.308 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	942478		
171	38.1	30.0	45.0	
170	23.9	19.5	29.3	





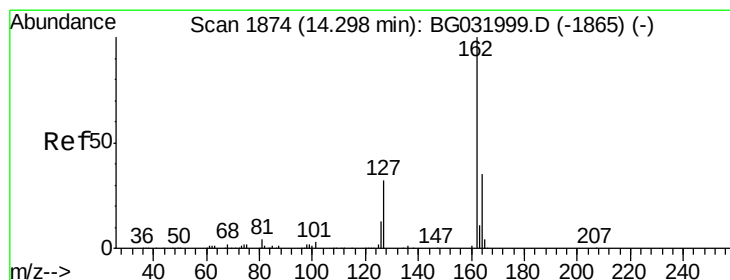
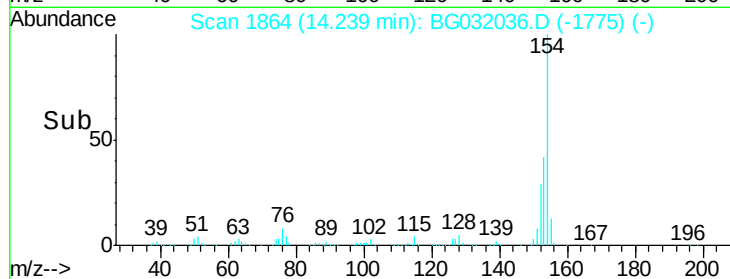
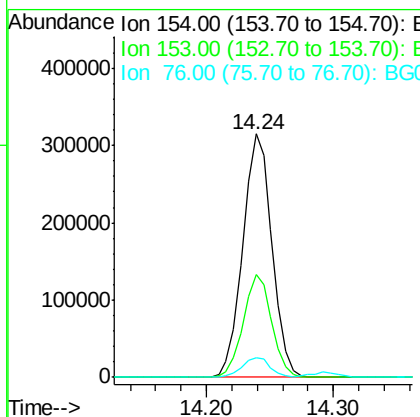
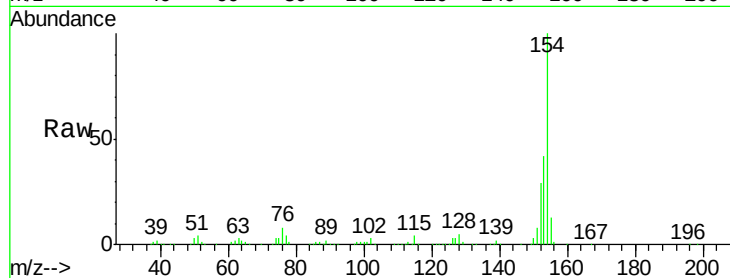
#45
 1,1'-Biphenyl
 Concen: 39.572 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	499881		
153	42.0	19.8	59.8	
76	7.9	0.0	31.9	

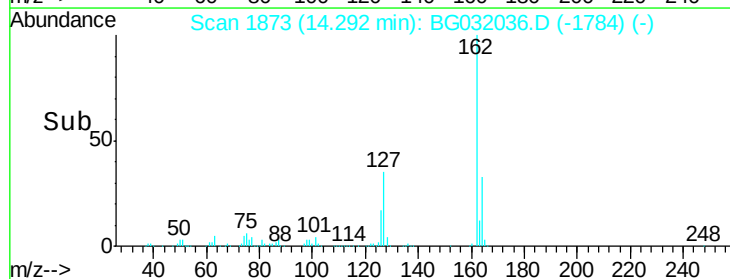
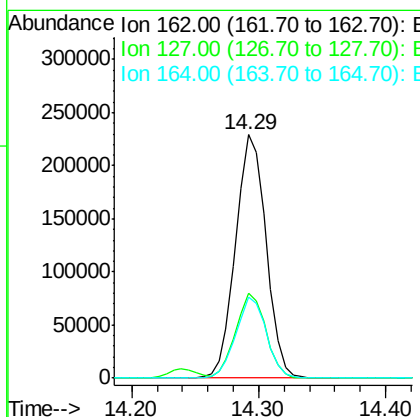
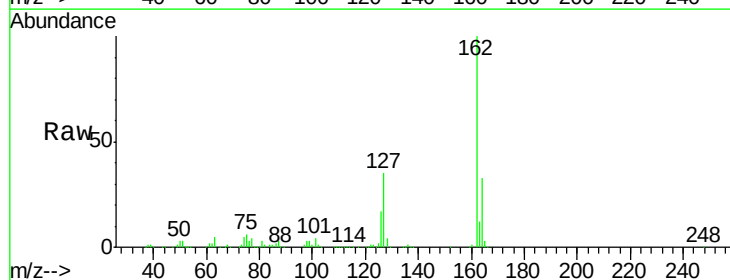
Manual Integrations
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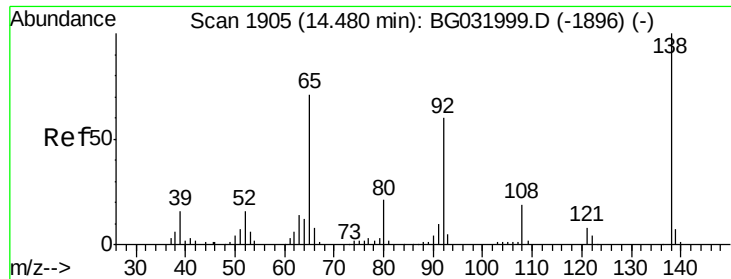
Sohil
 1/16/2018 4:59:40 PM



#46
 2-Chloronaphthalene
 Concen: 38.802 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	381308		
127	34.7	30.7	46.1	
164	33.1	26.0	39.0	





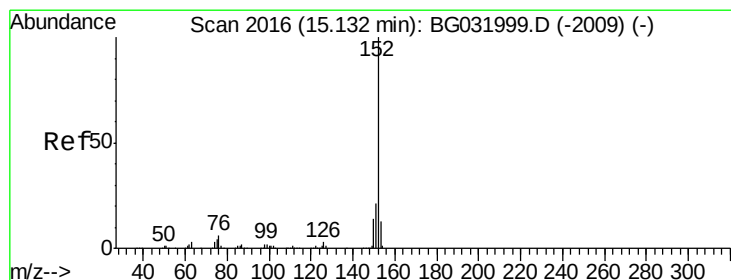
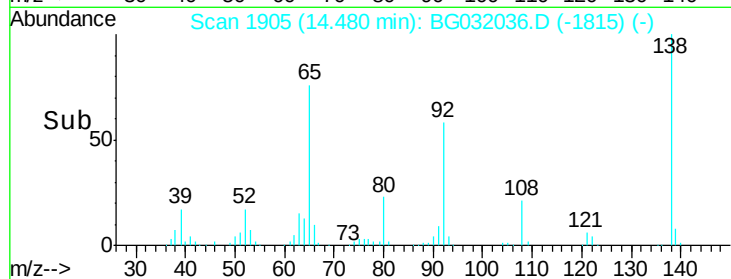
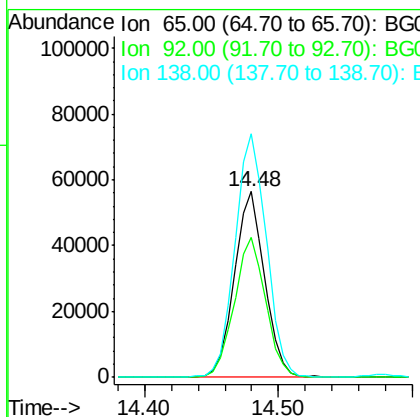
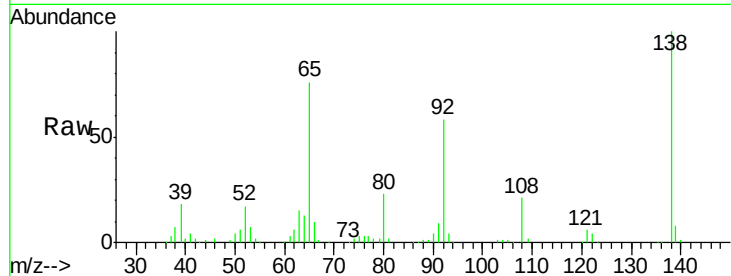
#47
2-Nitroaniline
Concen: 47.173 ng
RT: 14.48 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	54.6	82.0
138	131.0	72.9	109.3

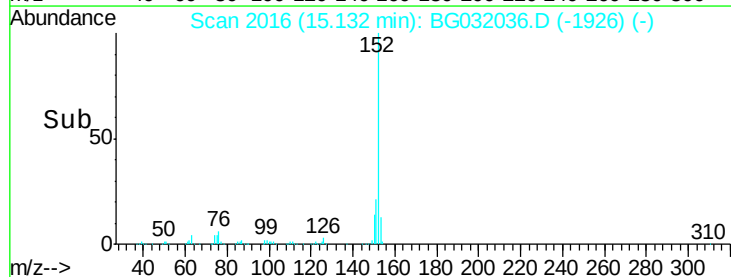
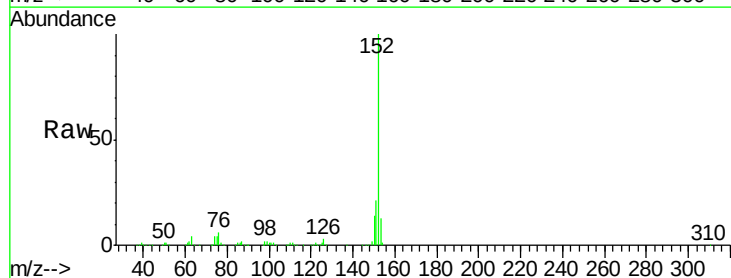
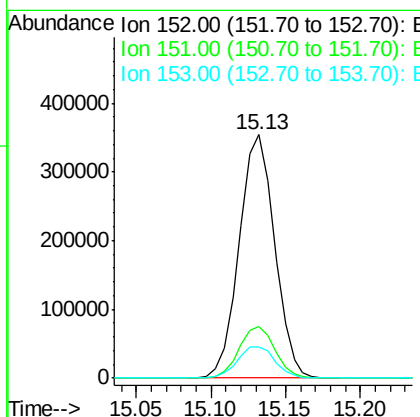
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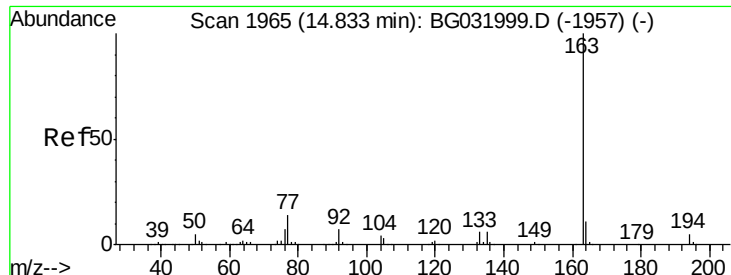
Sohil
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#48
Acenaphthylene
Concen: 39.019 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	13.0	10.2	15.4





#49

Dimethylphthalate

Concen: 41.666 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

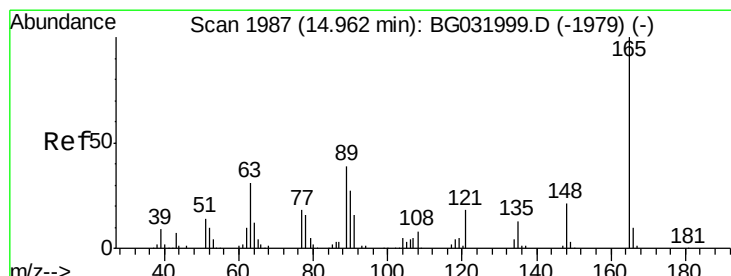
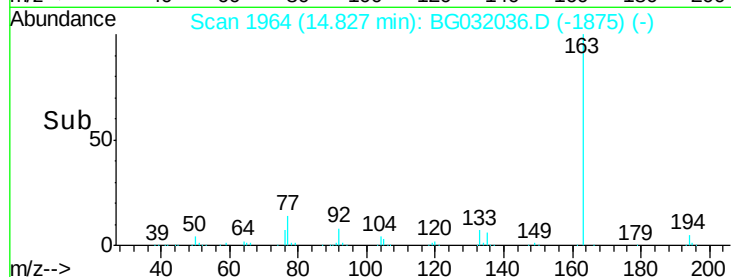
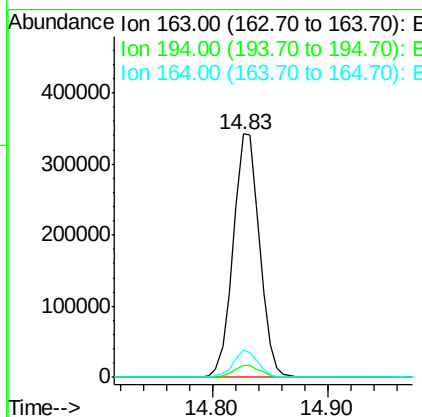
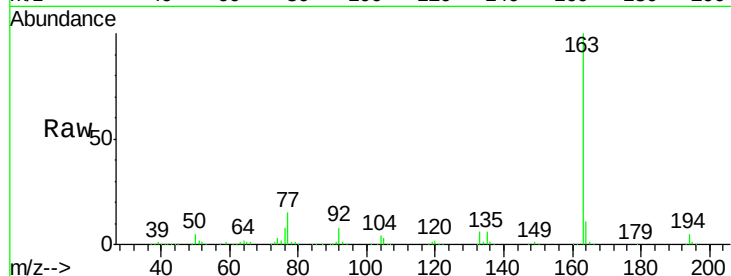
ClientSampleId :

PB105635BS

Tgt Ion:	163	Resp:	537270
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.4	5.2
164	11.0	8.2	12.4

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 44.273 ng

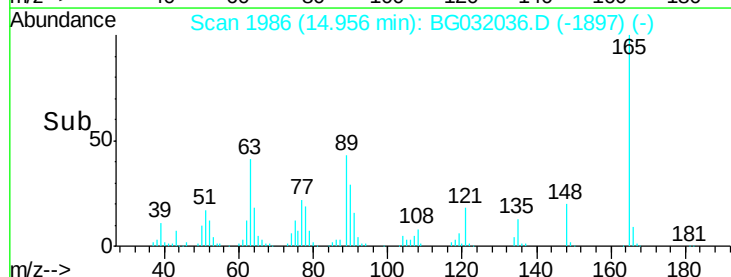
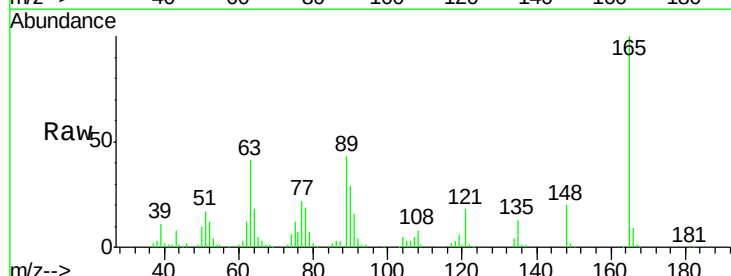
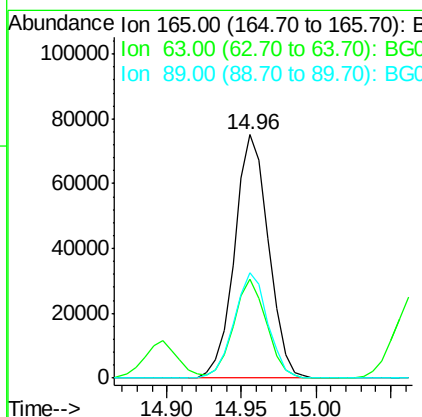
RT: 14.96 min Scan# 1986

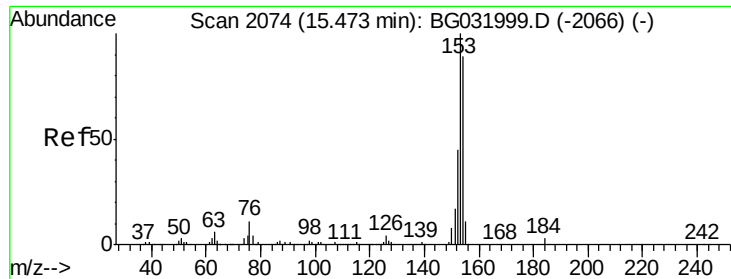
Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Tgt Ion:	165	Resp:	118496
Ion Ratio	Lower	Upper	
165	100		
63	40.5	52.7	79.1#
89	43.4	49.2	73.8#





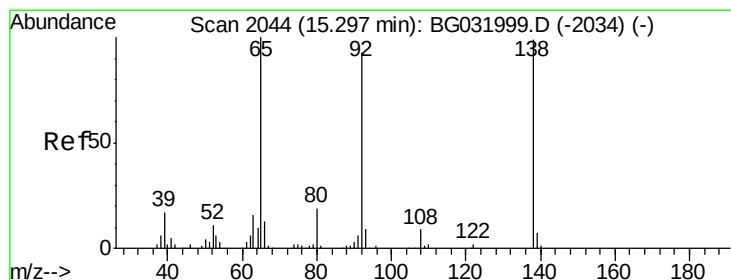
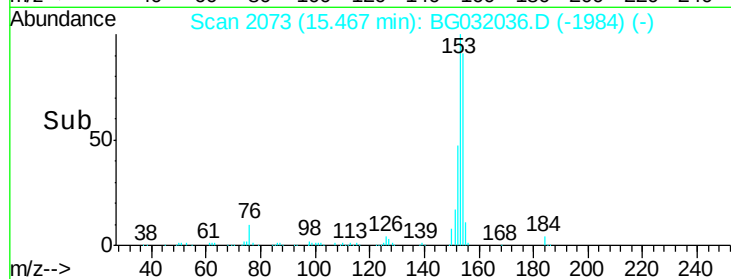
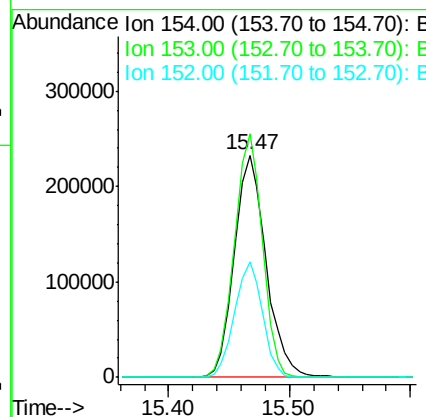
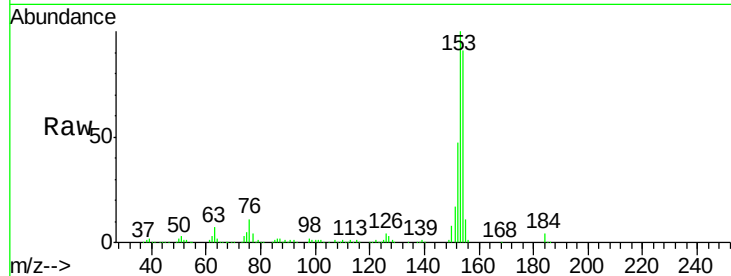
#51
Acenaphthene
Concen: 43.210 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	109.4	427567	90.4	135.6
152	51.8		41.6	62.4

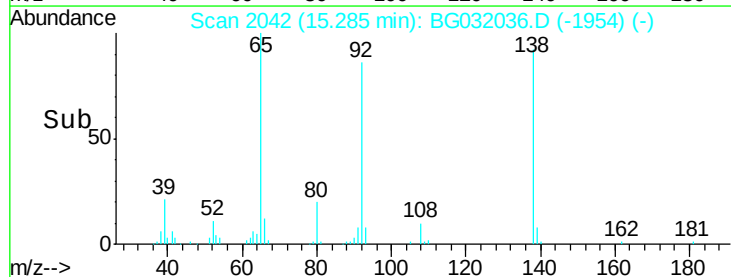
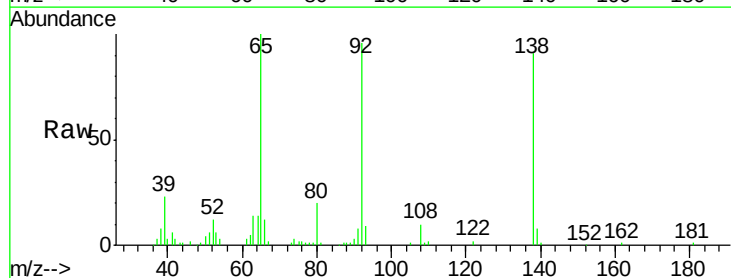
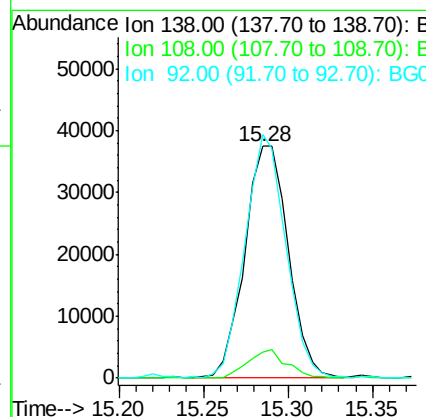
Manual Integrations
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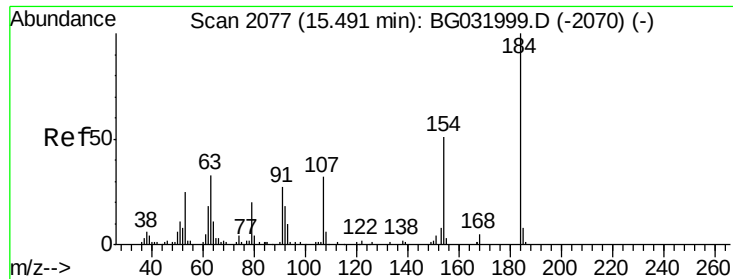
Sohil
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#52
3-Nitroaniline
Concen: 27.754 ng
RT: 15.28 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	67091		
108	11.2		17.5	26.3#
92	105.0		105.8	158.8#





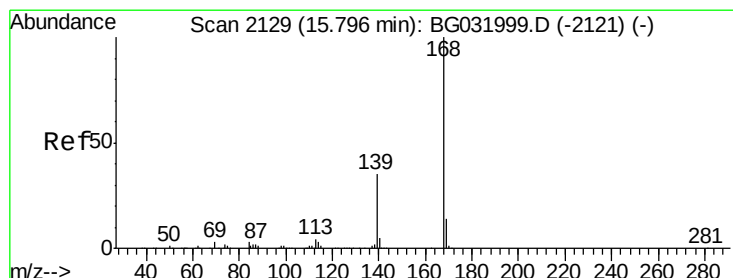
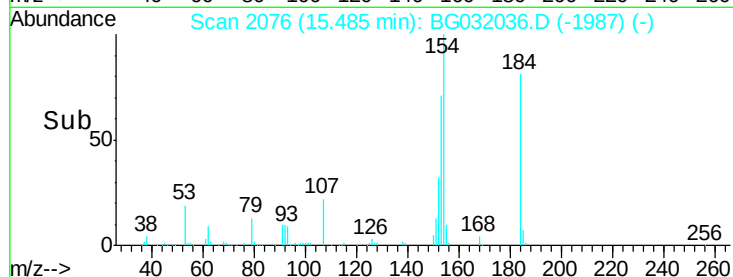
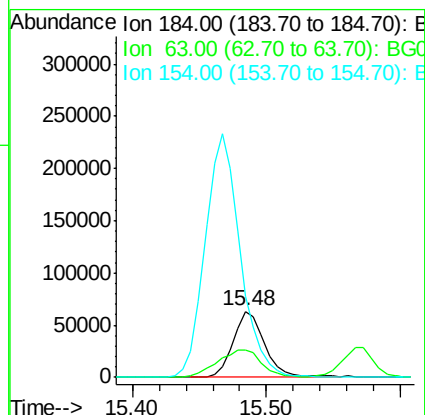
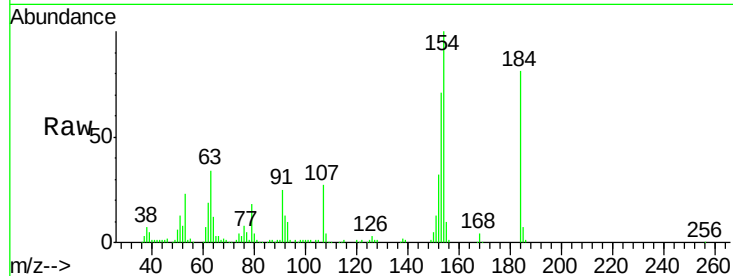
#53
2,4-Dinitrophenol
Concen: 77.319 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	103466		
63	42.3	59.8	89.8	#
154	123.4	101.8	152.8	

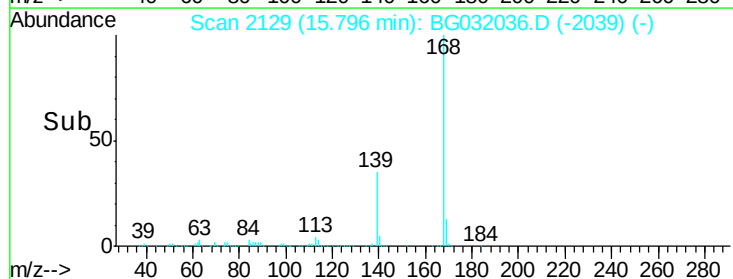
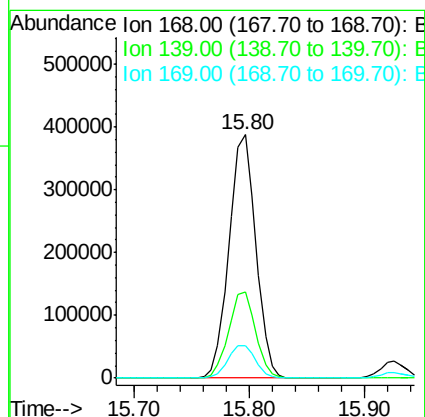
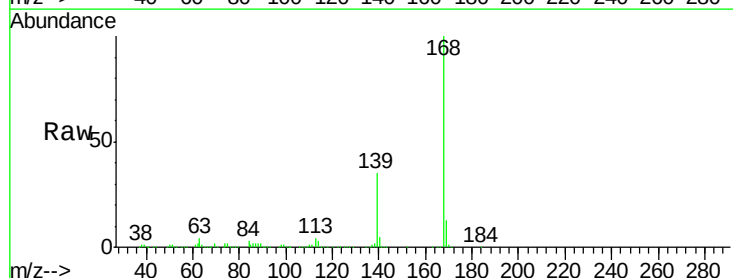
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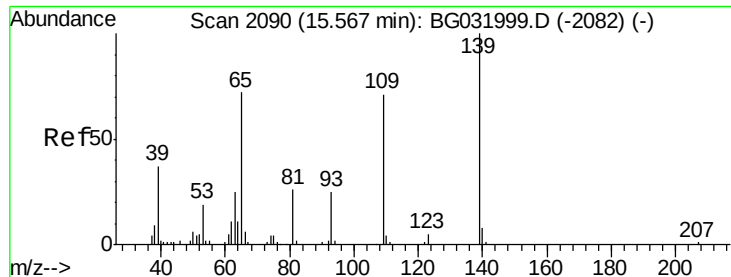
Sohil
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#54
Dibenzofuran
Concen: 42.186 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	622723		
139	35.2	28.6	43.0	
169	13.5	11.2	16.8	





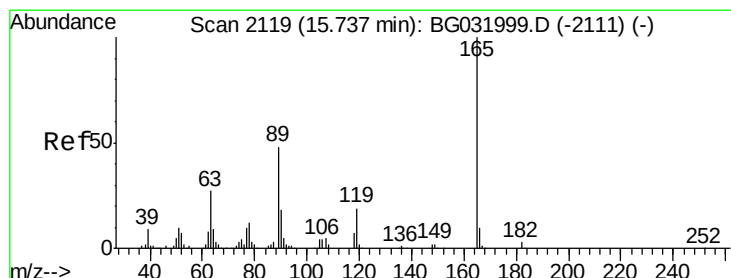
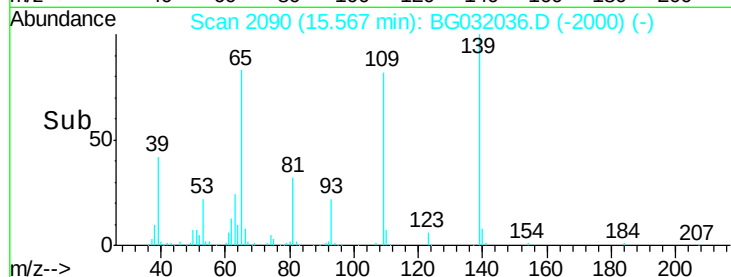
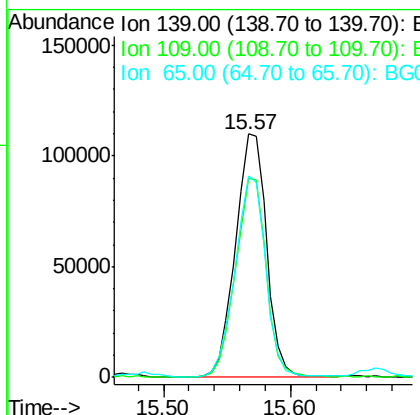
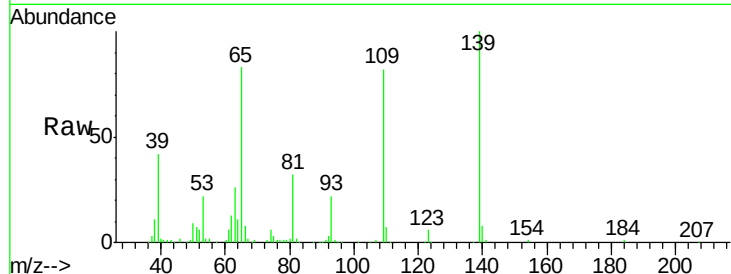
#55
4-Nitrophenol
Concen: 106.689 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	187952		
109	81.9	62.2	102.2	
65	82.8	97.2	137.2	

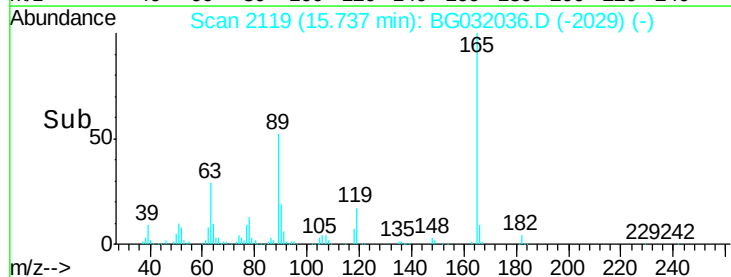
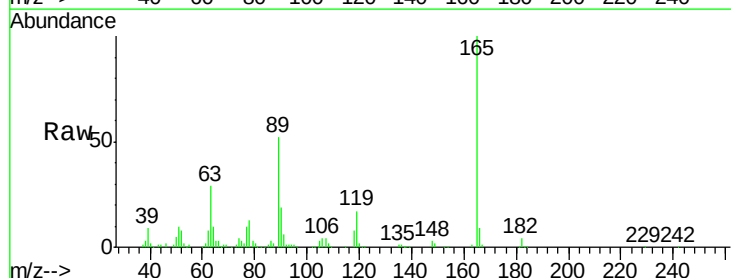
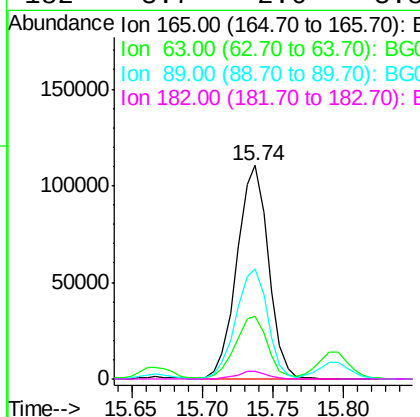
Manual Integrations
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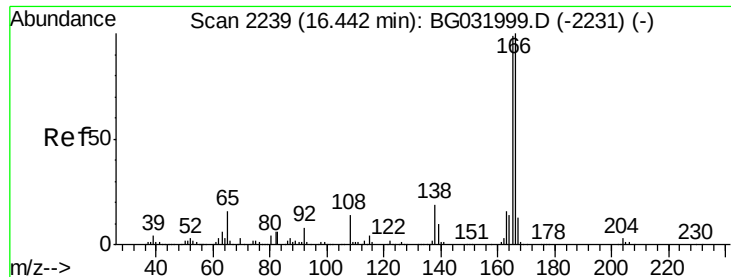
Sohil
1/16/2018 4:59:40 PM



#56
2,4-Dinitrotoluene
Concen: 47.855 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172440		
63	29.5	42.0	63.0	
89	51.8	66.9	100.3	
182	3.7	2.6	3.8	





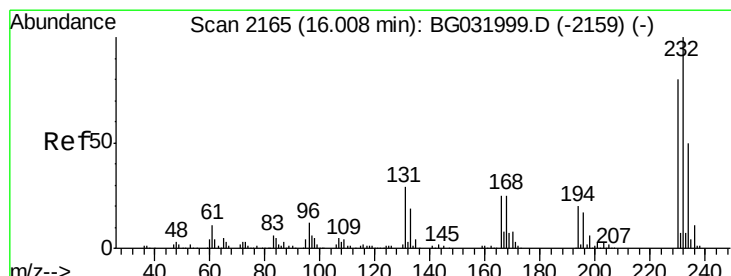
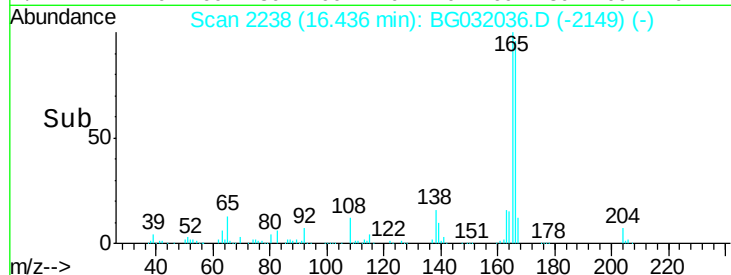
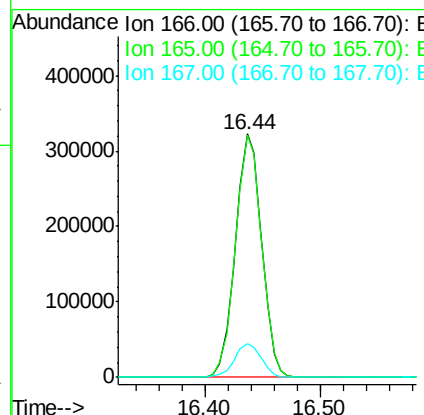
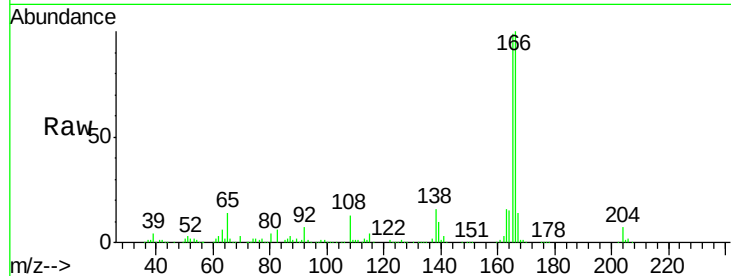
#57
 Fluorene
 Concen: 41.796 ng
 RT: 16.44 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	506002		
165	99.3	80.6	121.0	
167	14.1	10.4	15.6	

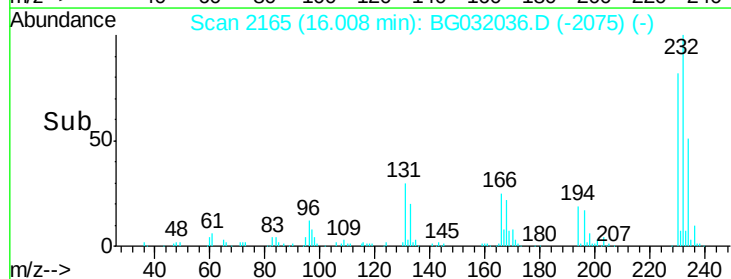
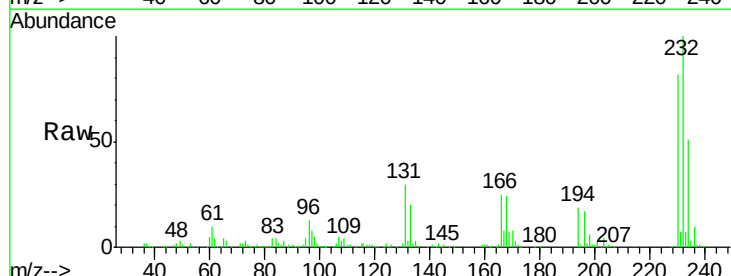
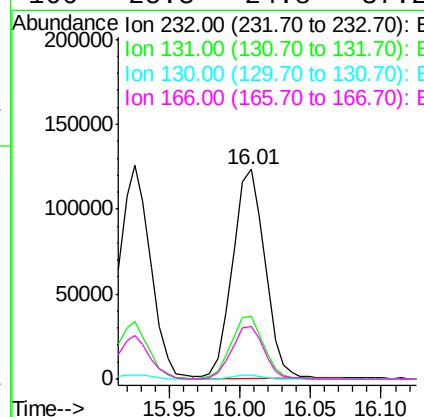
Manual Integrations
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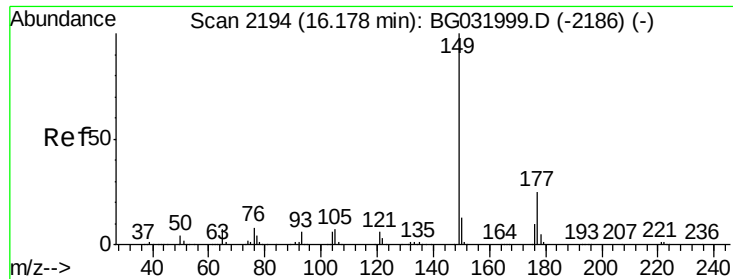
Sohil
 1/16/2018 4:59:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.169 ng
 RT: 16.01 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	197741		
131	30.7	33.5	50.3#	
130	2.1	2.2	3.2#	
166	25.3	24.8	37.2	





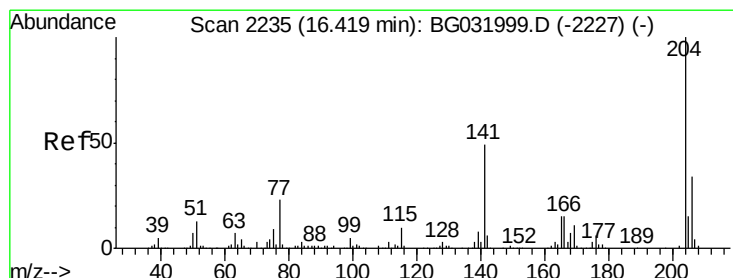
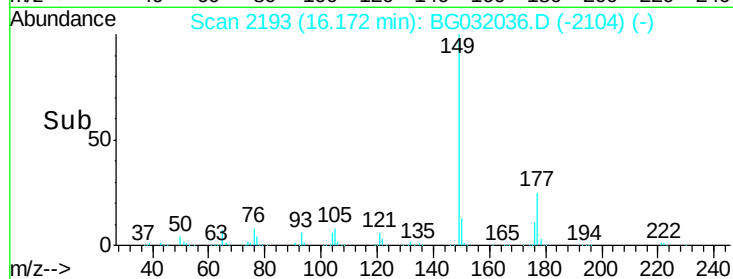
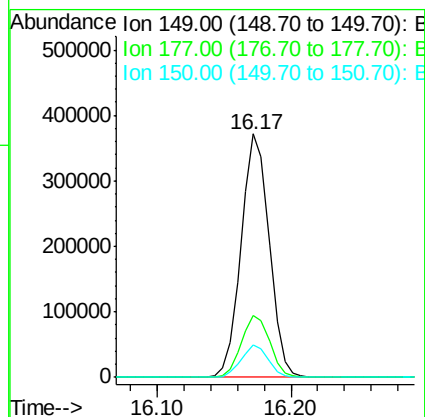
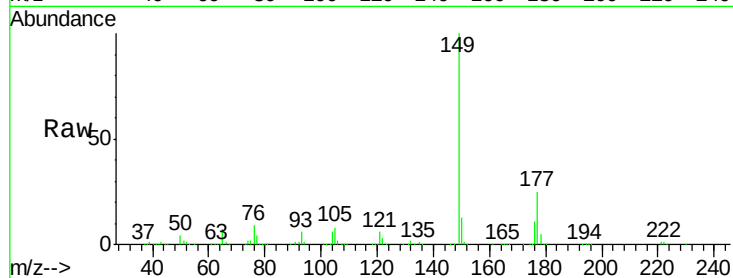
#59
Diethylphthalate
Concen: 43.128 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	539132		
177	25.4	18.5	27.7	
150	13.3	10.2	15.2	

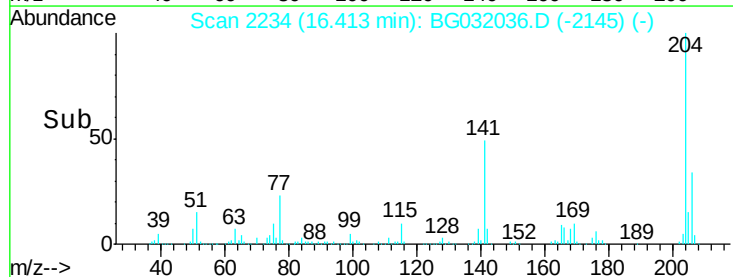
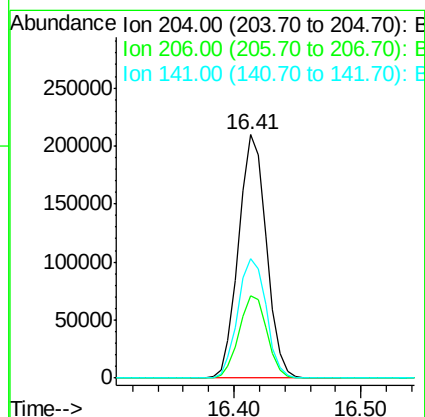
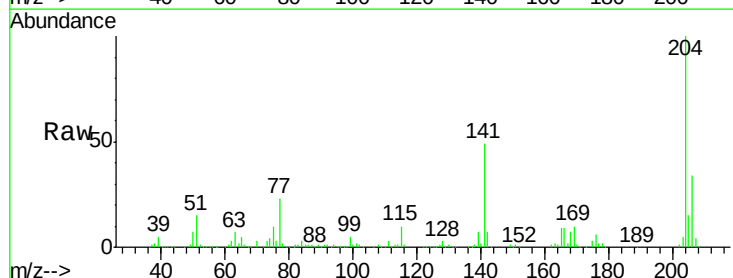
Manual Integrations
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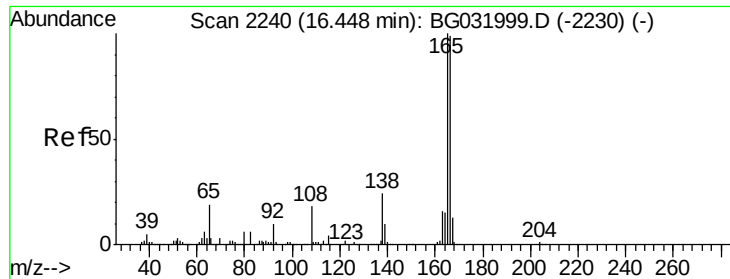
Sohil
1/16/2018 4:59:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.690 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	317036		
206	33.7	26.2	39.2	
141	49.3	45.8	68.6	





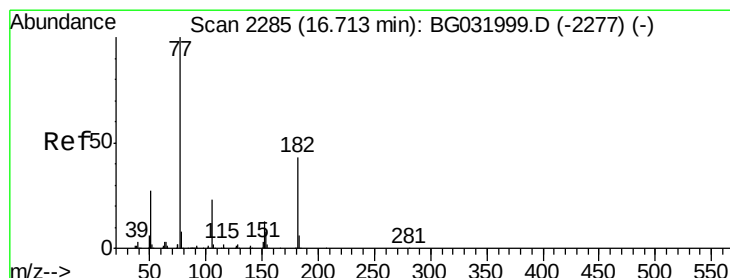
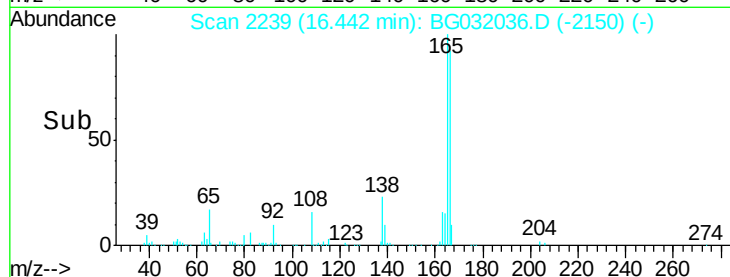
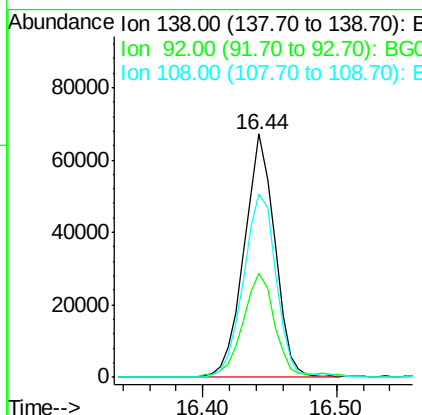
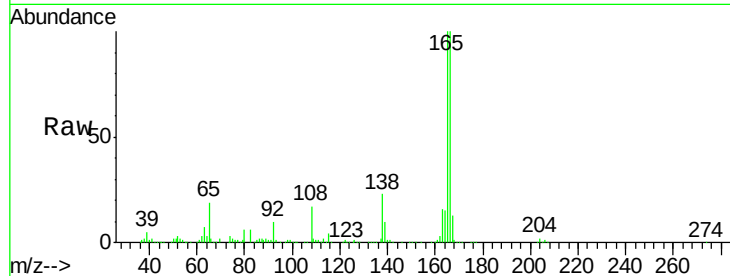
#61
4-Nitroaniline
Concen: 45.967 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	106592		
92	42.9	40.1	80.1	
108	75.5	65.4	105.4	

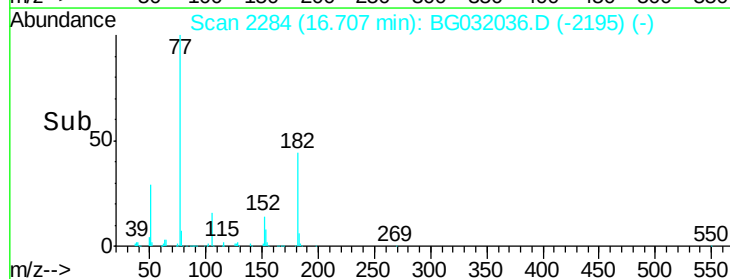
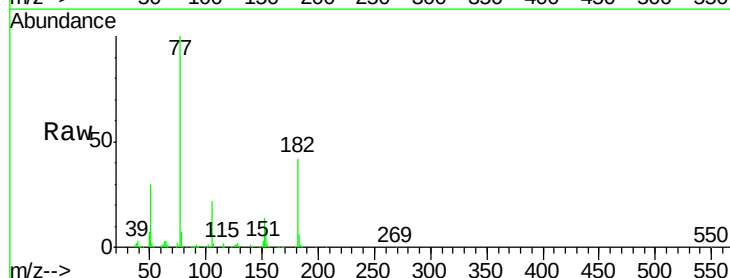
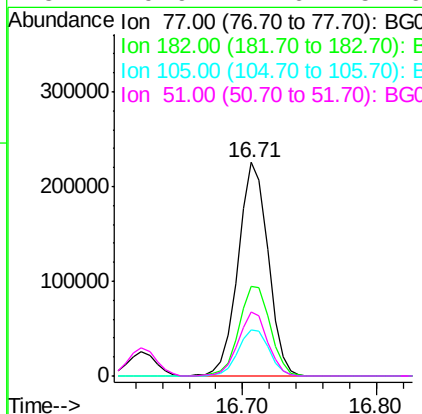
Manual Integrations
APPROVED

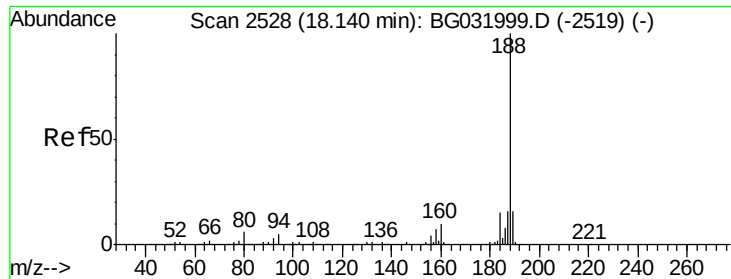
Sohil
1/16/2018 4:59:40 PM



#62
Azobenzene
Concen: 44.644 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	349305		
182	42.3	7.4	47.4	
105	21.8	0.3	40.3	
51	29.9	11.6	51.6	





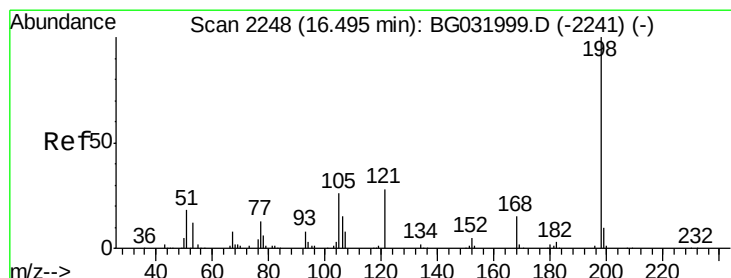
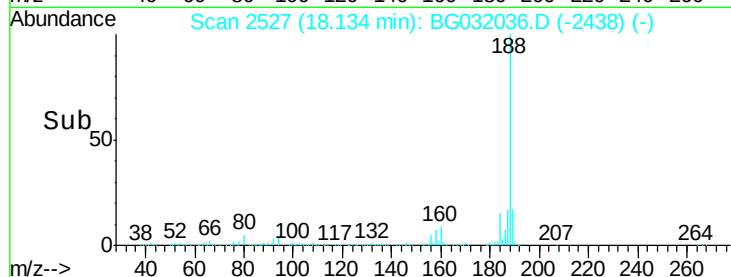
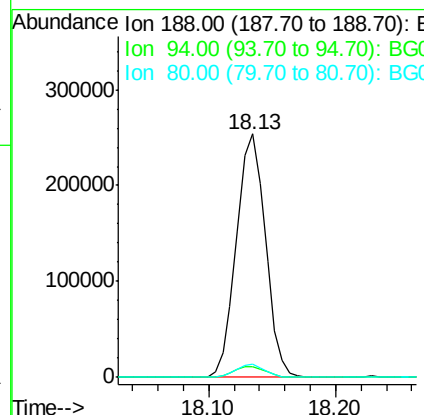
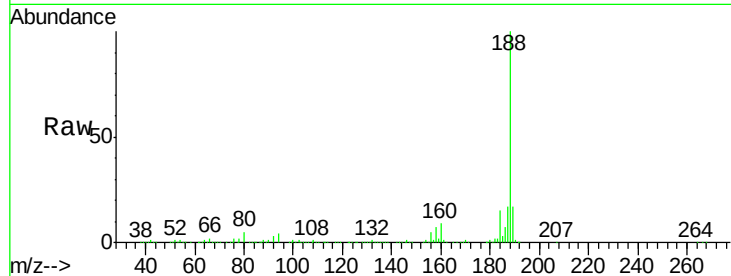
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	403092		
94	4.2	6.9	10.3#	
80	5.4	7.7	11.5#	

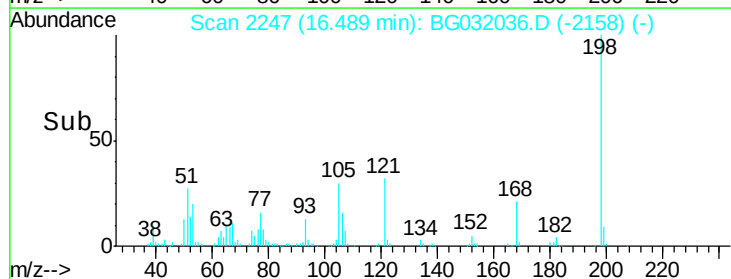
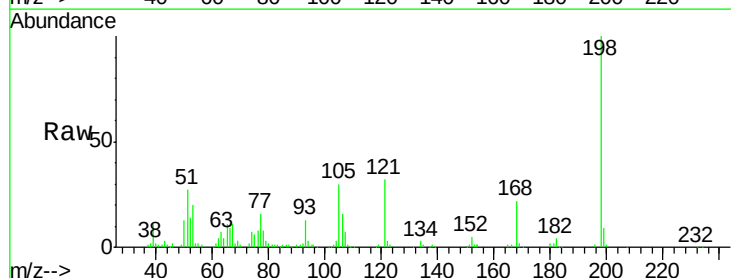
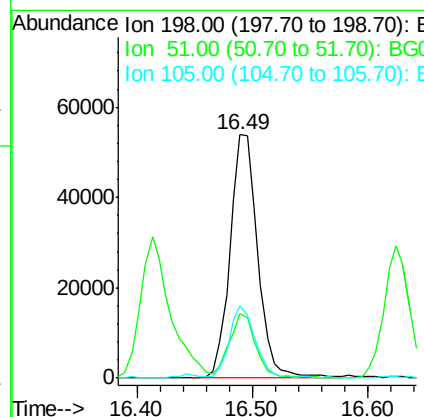
Manual Integrations
 APPROVED

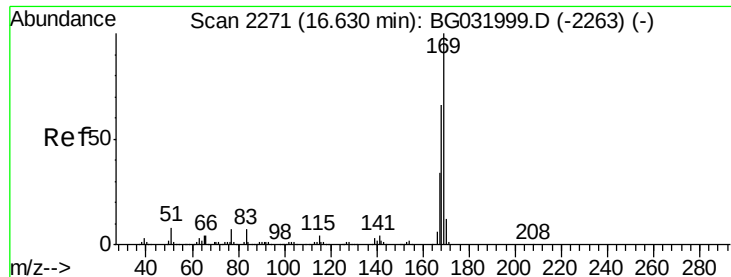
Sohil
 1/16/2018 4:59:40 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.026 ng
 RT: 16.49 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	89451		
51	26.6	30.6	70.6#	
105	29.7	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 40.054 ng

RT: 16.62 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

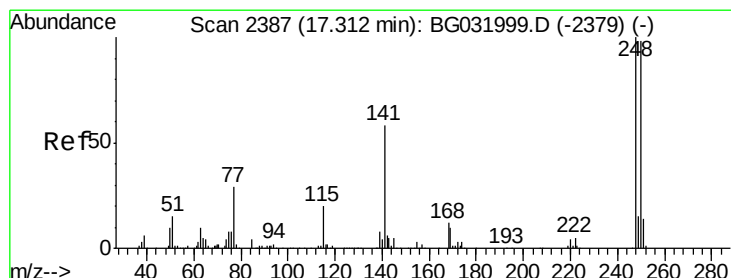
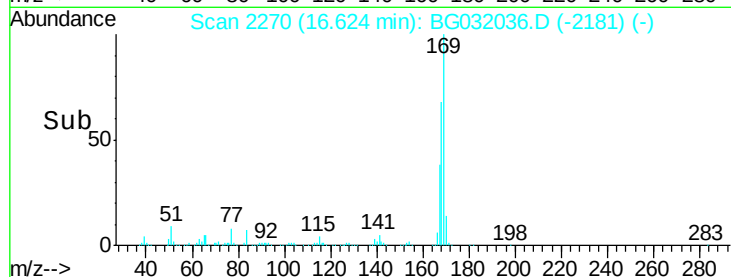
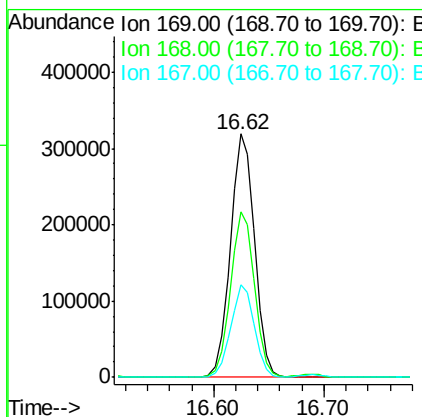
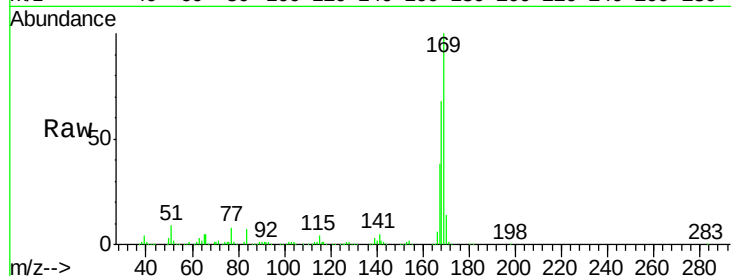
ClientSampleId :

PB105635BS

Tgt Ion:	169	Resp:	489924
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.7	83.5
167	38.0	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 41.463 ng

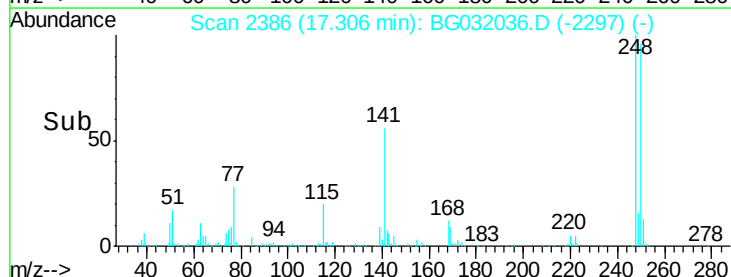
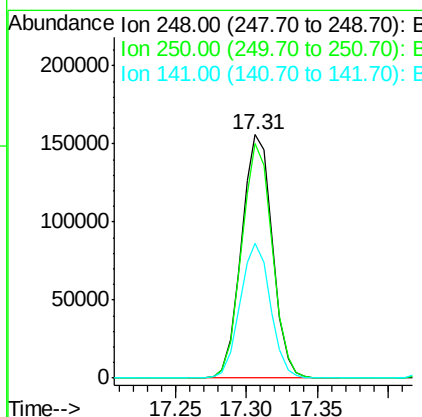
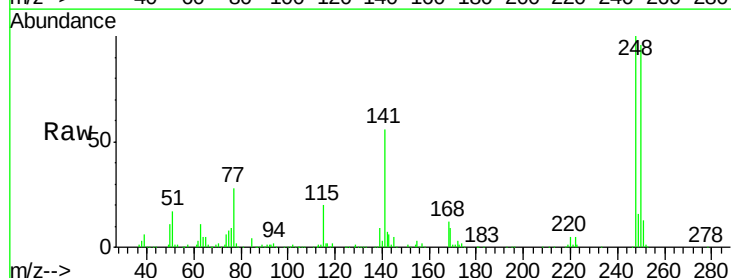
RT: 17.31 min Scan# 2386

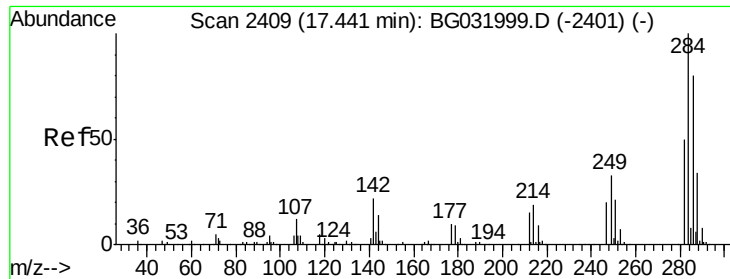
Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Tgt Ion:	248	Resp:	237803
Ion Ratio	Lower	Upper	
248	100		
250	96.3	77.1	115.7
141	55.6	50.8	76.2





#67

Hexachlorobenzene

Concen: 37.309 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

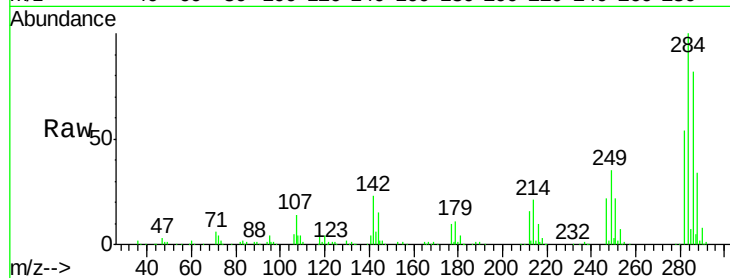
ClientSampleId :

PB105635BS

Tgt Ion:	284	Resp:	236731
Ion Ratio	Lower	Upper	
284	100		
142	23.5	26.8	40.2#
249	34.8	26.3	39.5

Manual Integrations
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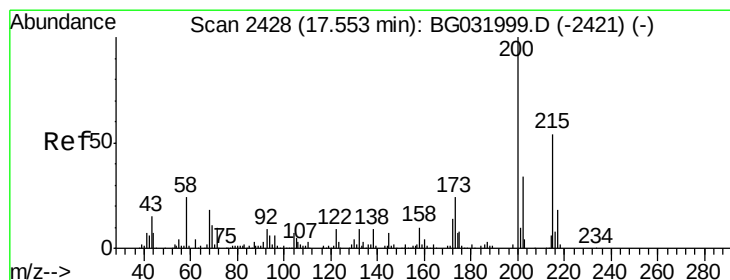
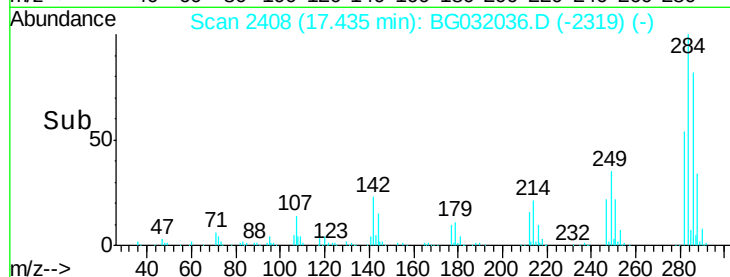
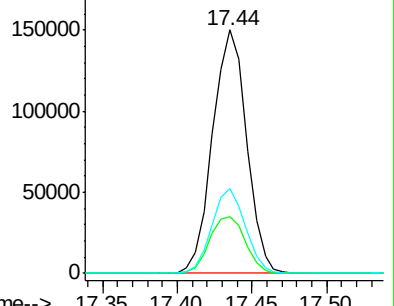
Sohil
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.349 ng

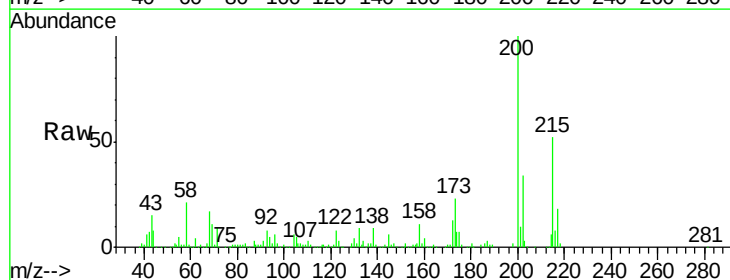
RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

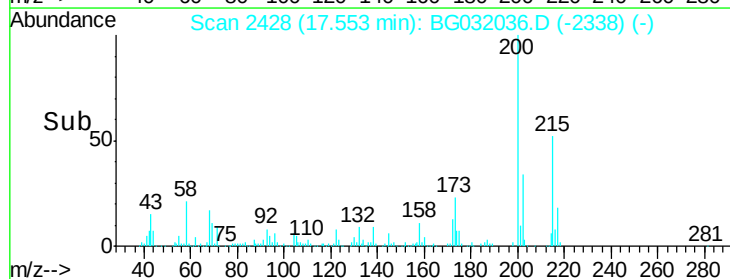
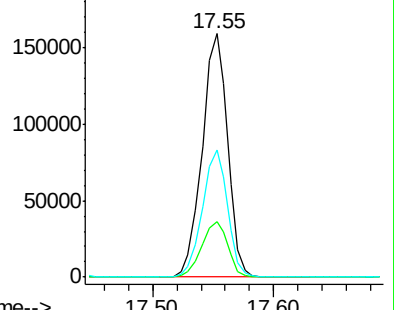
Tgt Ion:	200	Resp:	233269
Ion Ratio	Lower	Upper	
200	100		
173	22.9	5.2	45.2
215	52.0	30.4	70.4

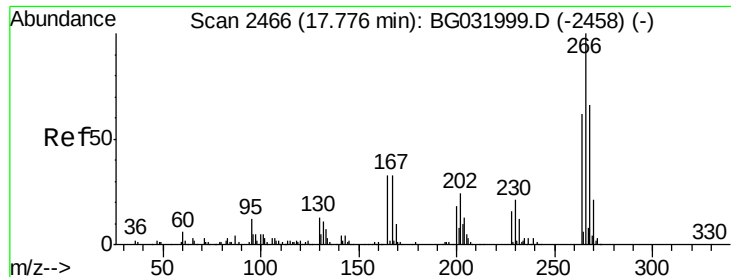


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





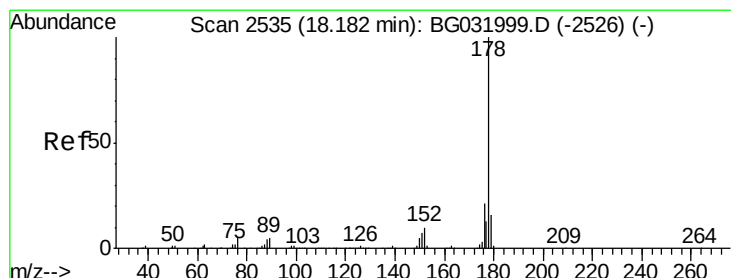
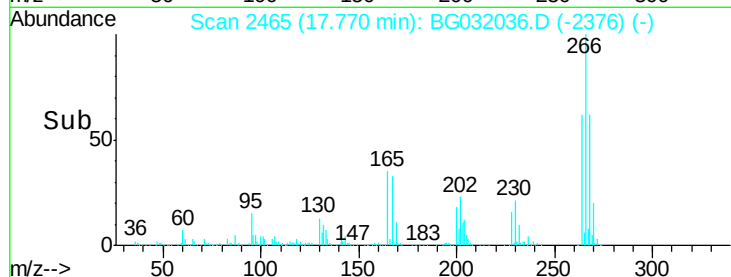
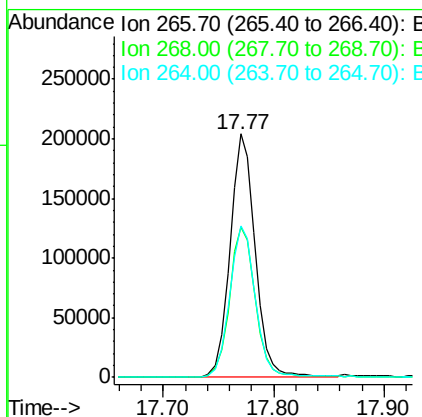
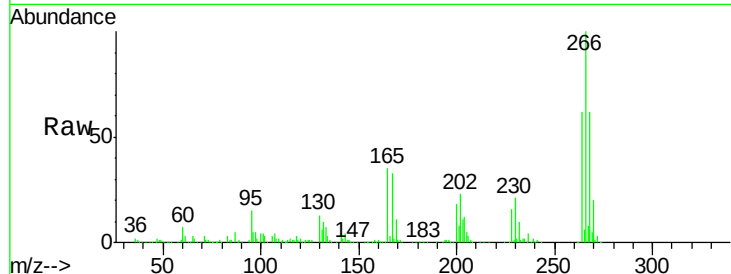
#69
 Pentachlorophenol
 Concen: 80.474 ng
 RT: 17.77 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampled :
 PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	326382		
268	61.7	51.1	76.7	
264	62.1	49.6	74.4	

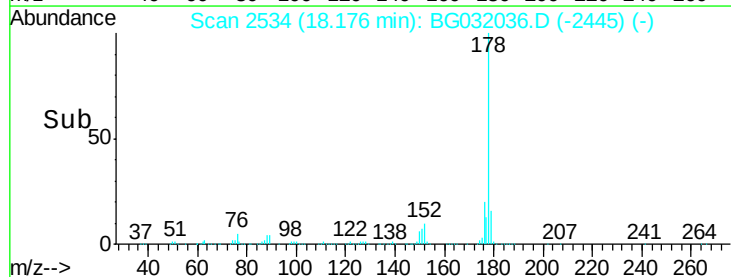
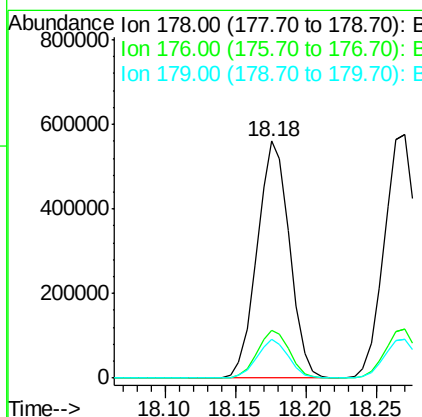
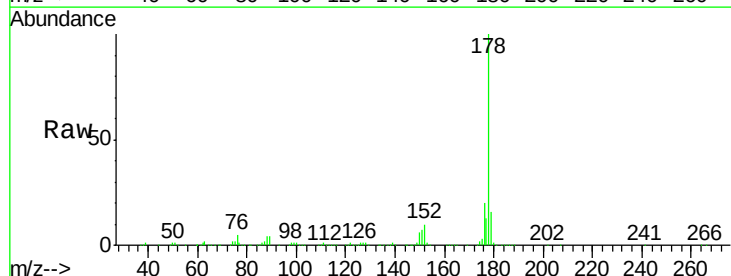
Manual Integrations
 APPROVED

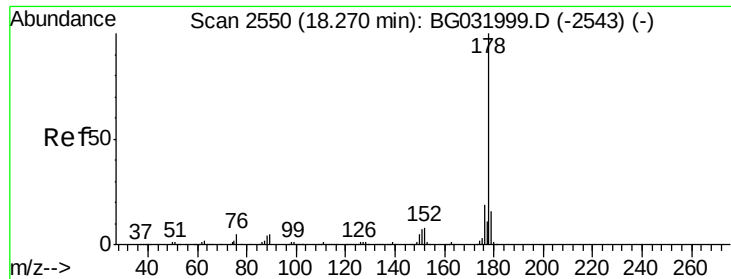
Sohil
 1/16/2018 4:59:40 PM



#70
 Phenanthrene
 Concen: 40.307 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	904600		
176	20.3	15.7	23.5	
179	16.2	12.5	18.7	





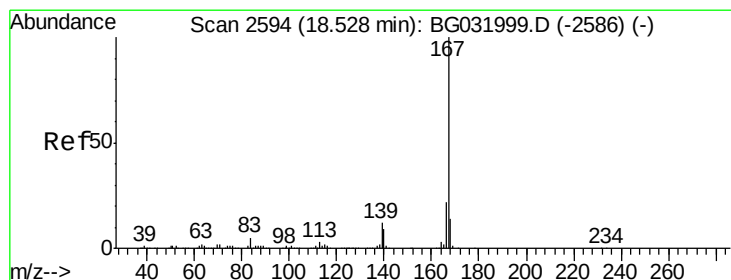
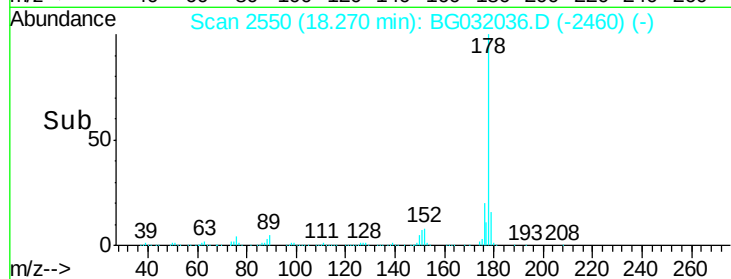
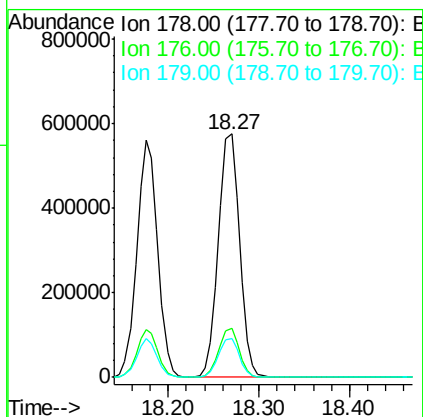
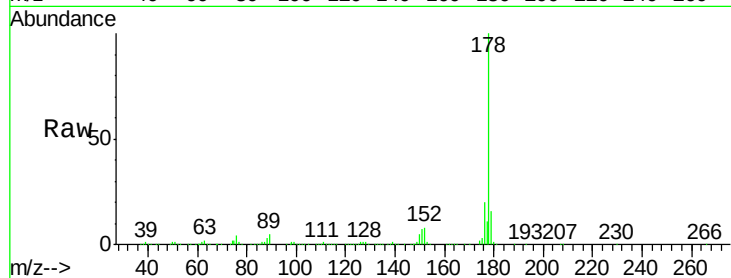
#71
 Anthracene
 Concen: 41.775 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.2	12.5	18.7

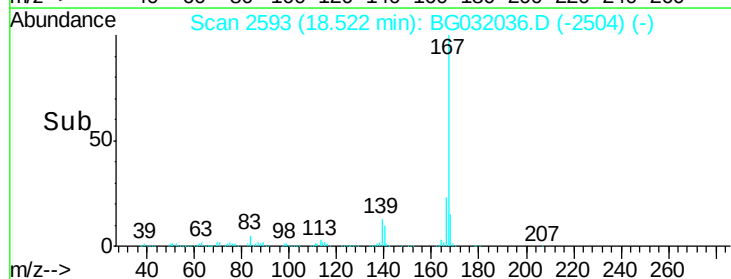
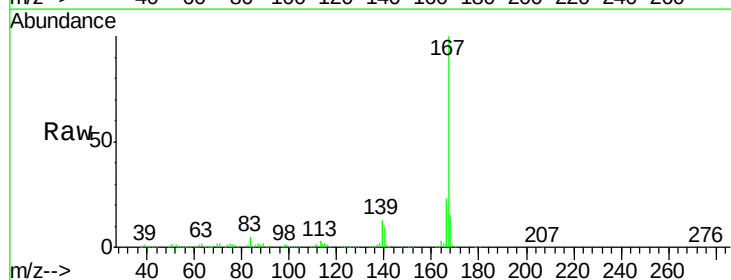
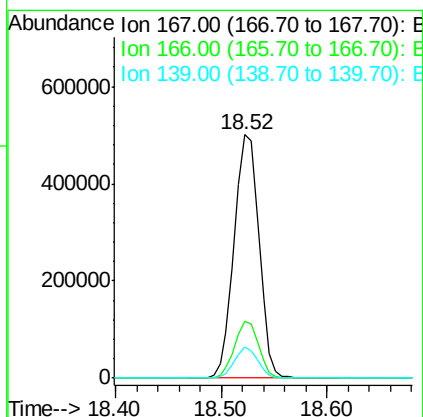
Manual Integrations
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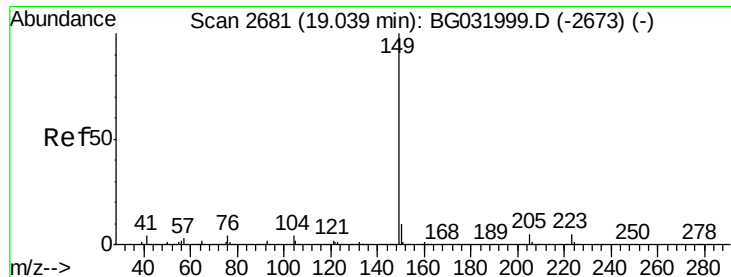
Sohil
 1/16/2018 4:59:40 PM



#72
 Carbazole
 Concen: 41.961 ng
 RT: 18.52 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.219 ng

RT: 19.03 min Scan# 2680

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

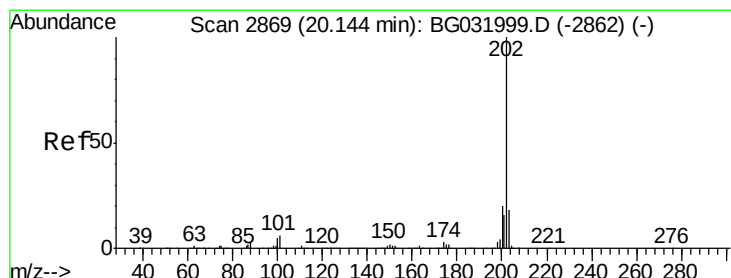
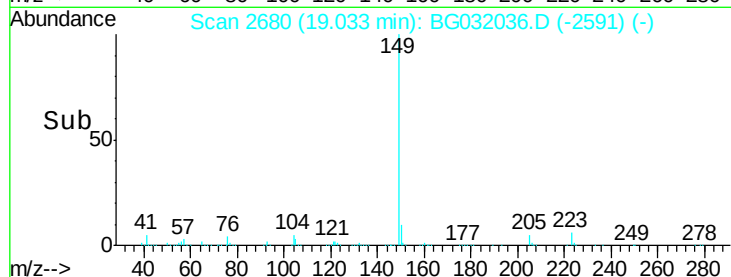
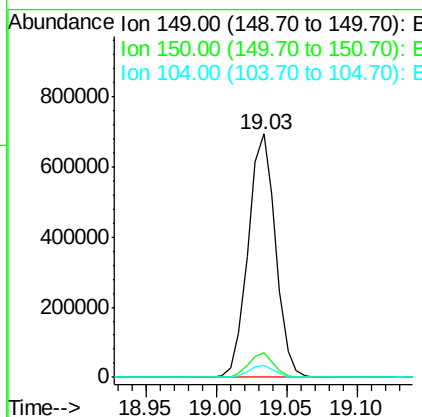
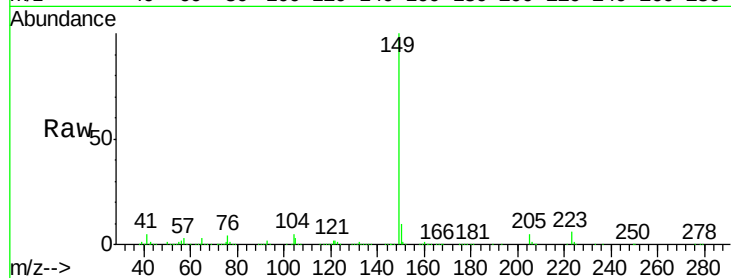
ClientSampleId :

PB105635BS

Tgt Ion:	149	Resp:	945761
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.8	11.6
104	4.7	3.9	5.9

Manual Integrations
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1/16/2018 4:59:40 PM



#74

Fluoranthene

Concen: 42.349 ng

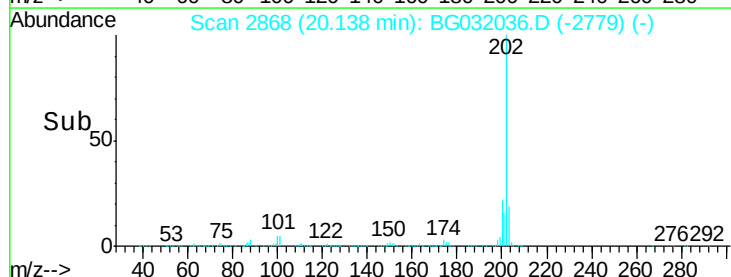
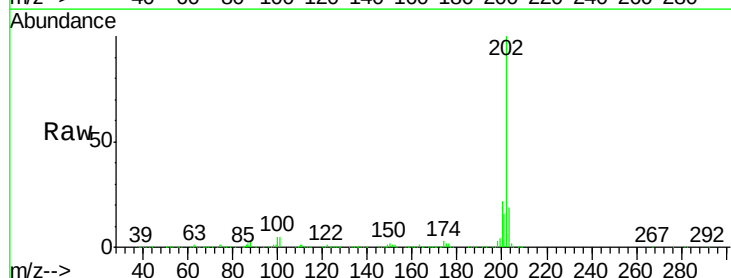
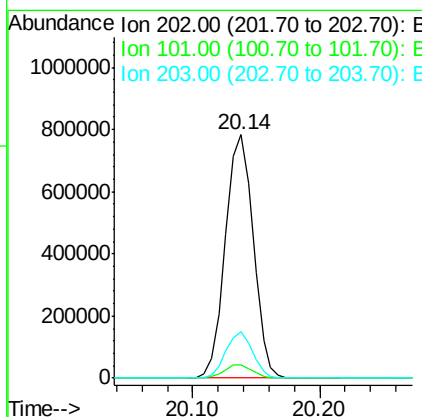
RT: 20.14 min Scan# 2868

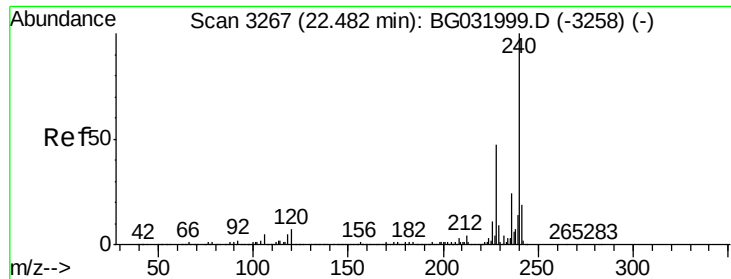
Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Tgt Ion:	202	Resp:	1189987
Ion Ratio	Lower	Upper	
202	100		
101	5.4	0.0	28.9
203	19.0	0.0	37.5





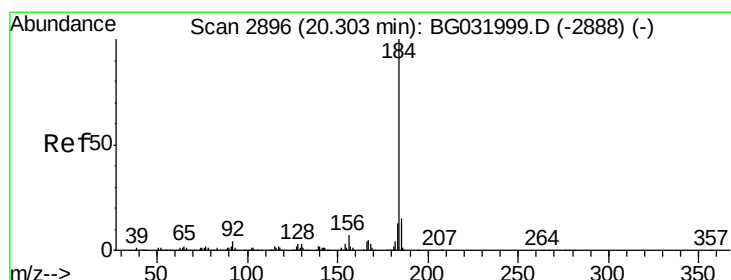
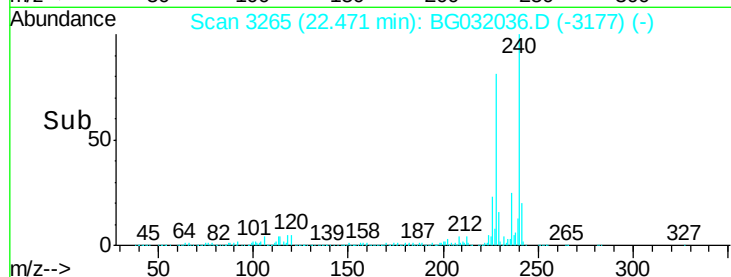
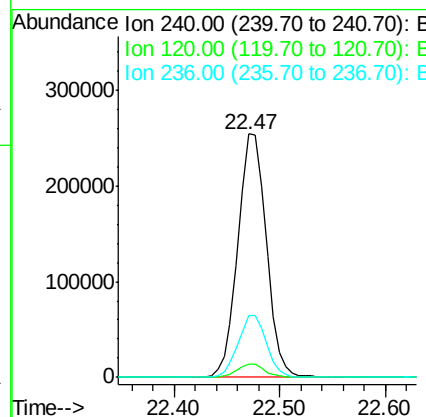
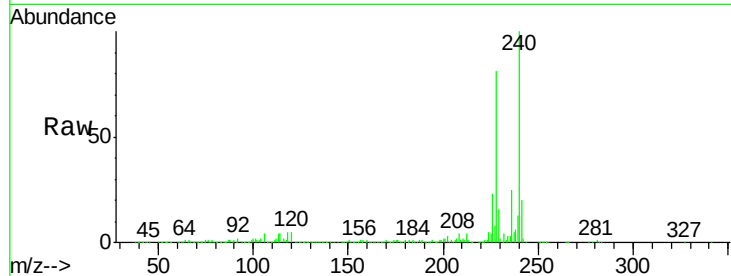
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	474812		
120	5.3	6.8	10.2#	
236	25.4	20.9	31.3	

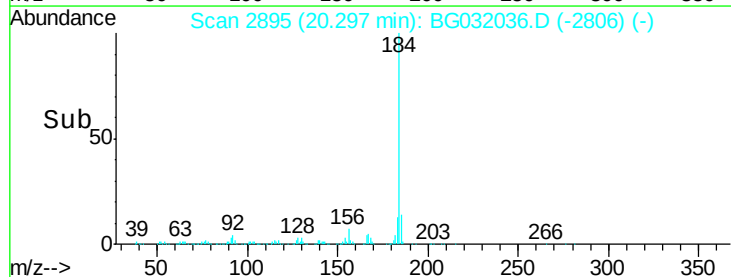
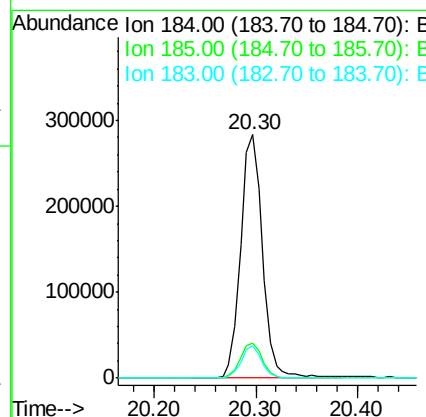
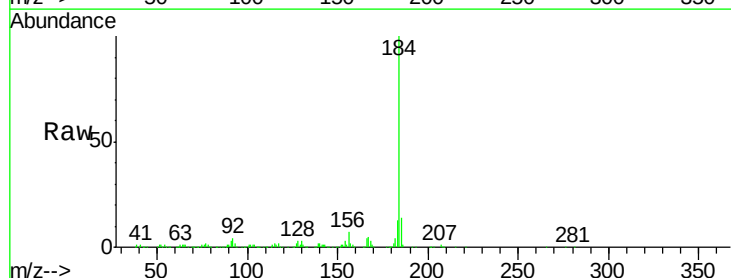
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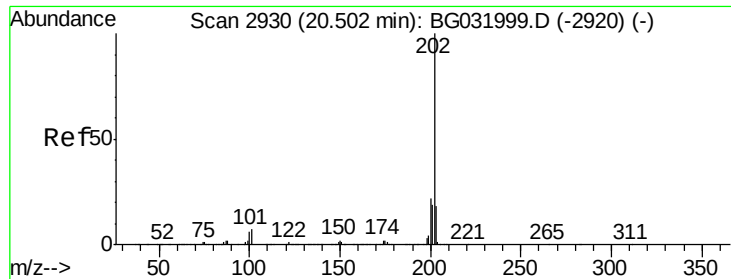
Sohil
1/16/2018 4:59:40 PM



#76
Benzidine
Concen: 35.833 ng
RT: 20.30 min Scan# 2895
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	425452		
185	14.5	11.1	16.7	
183	13.2	10.6	16.0	





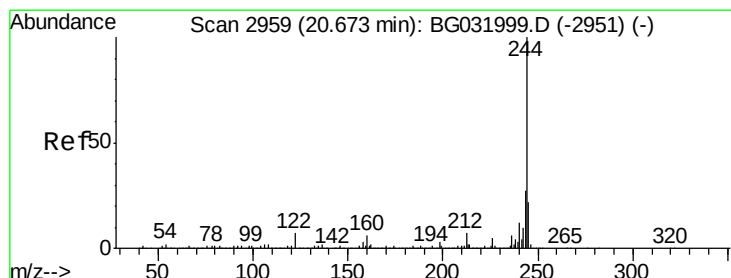
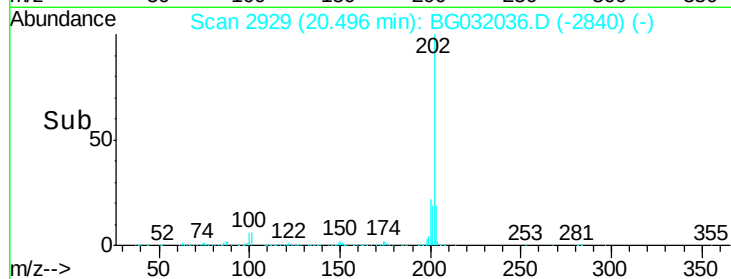
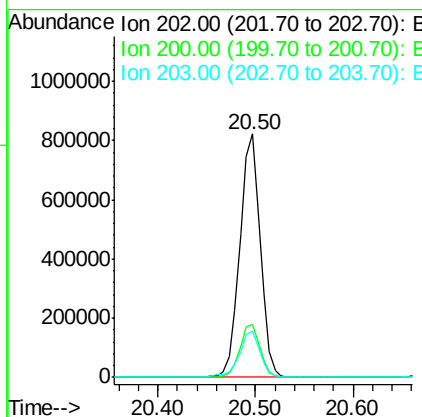
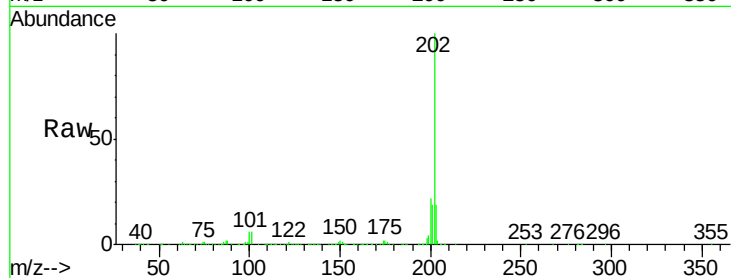
#77
 Pyrene
 Concen: 39.992 ng
 RT: 20.50 min Scan# 2929
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.9	13.9	20.9

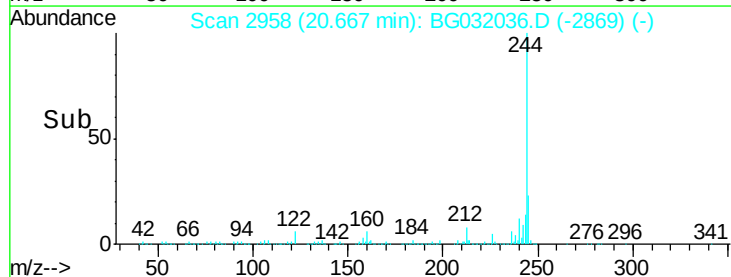
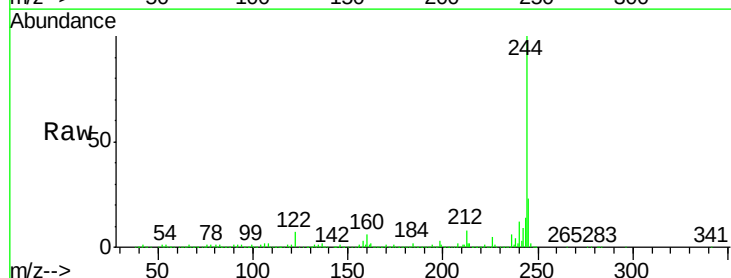
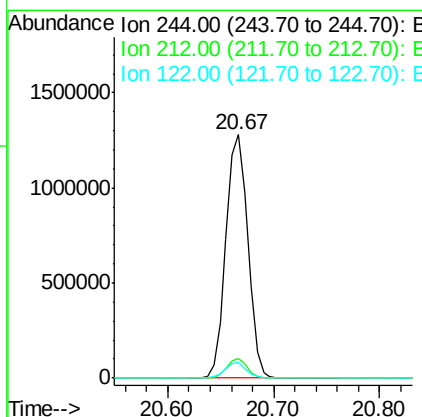
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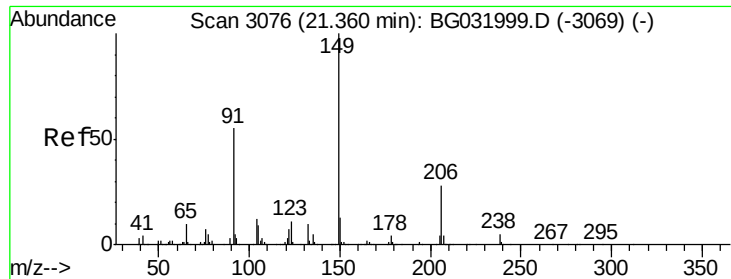
Sohil
 1/16/2018 4:59:40 PM



#78
 Terphenyl-d14
 Concen: 85.436 ng
 RT: 20.67 min Scan# 2958
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	6.6	7.0	10.4





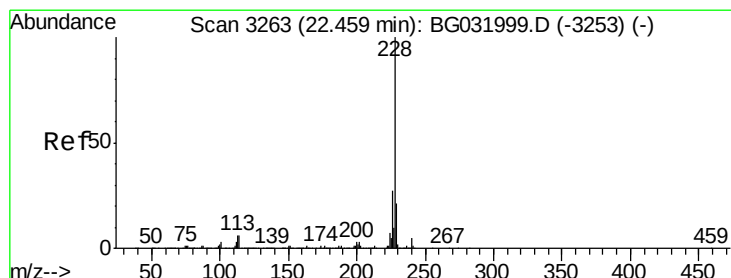
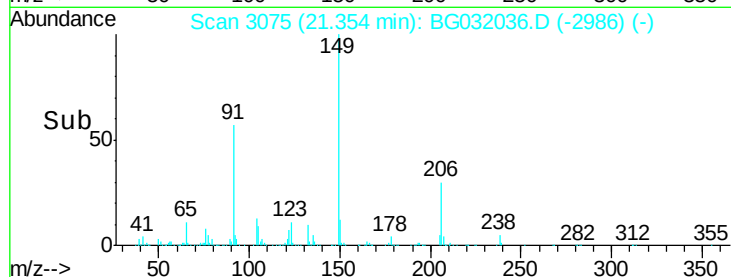
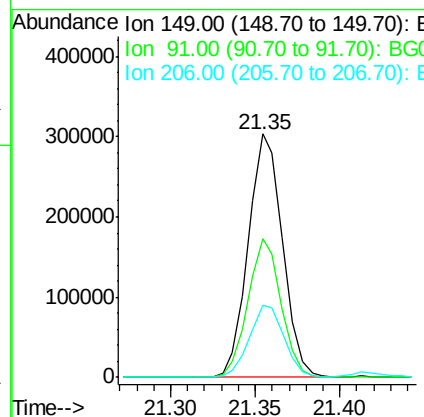
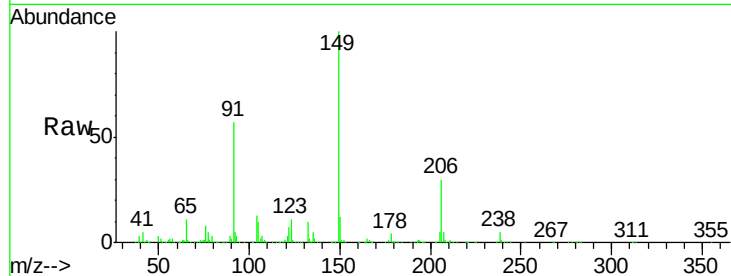
#79
Butylbenzylphthalate
Concen: 40.084 ng
RT: 21.35 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	57.0	62.2	93.2#
206	29.8	18.6	27.8#

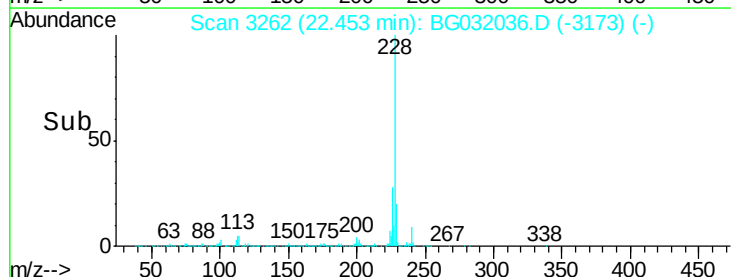
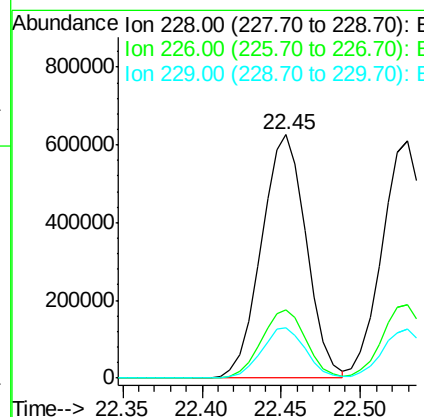
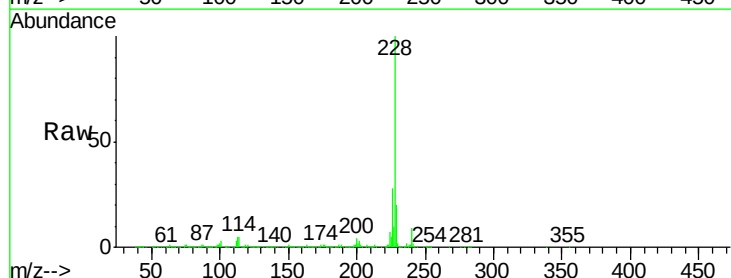
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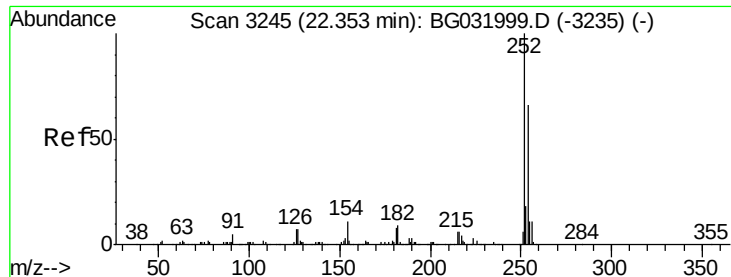
Sohil
1/16/2018 4:59:40 PM



#80
Benzo(a)anthracene
Concen: 41.527 ng
RT: 22.45 min Scan# 3262
Delta R.T. -0.01 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	22.7	34.1
229	20.4	16.2	24.2





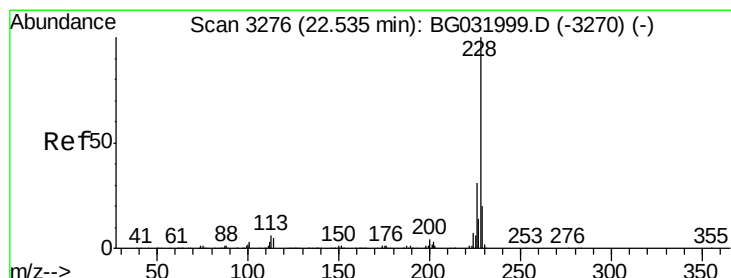
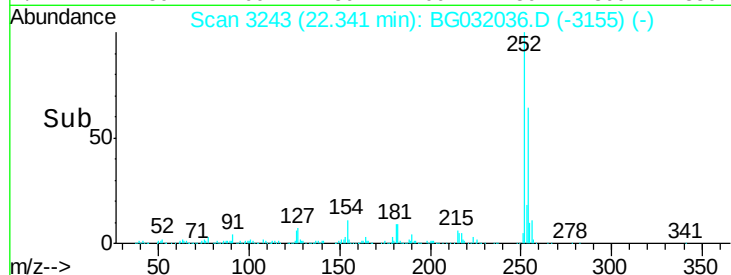
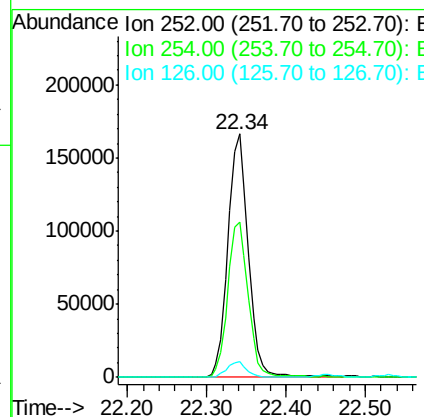
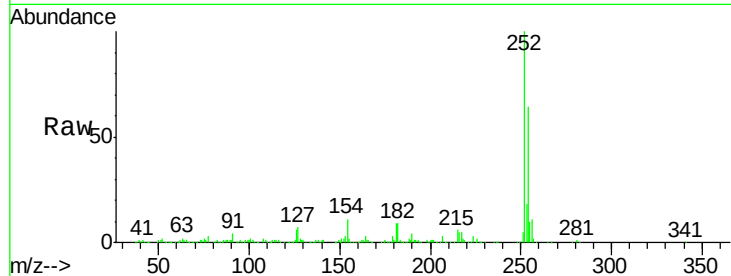
#81
 3,3'-Dichlorobenzidine
 Concen: 26.985 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	50.8	76.2
126	6.3	7.4	11.2

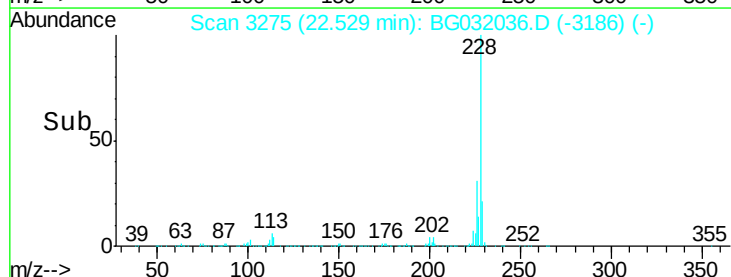
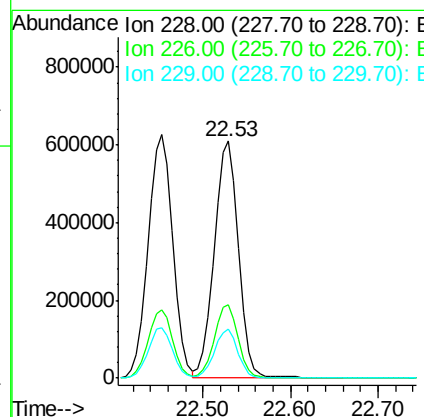
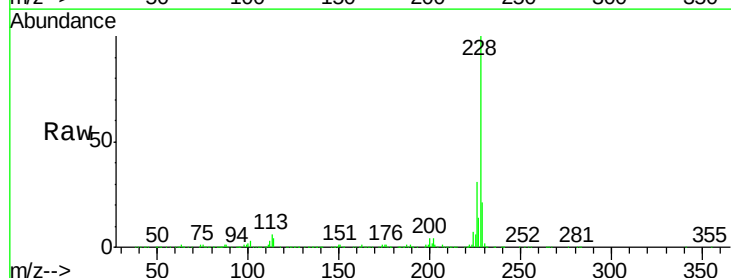
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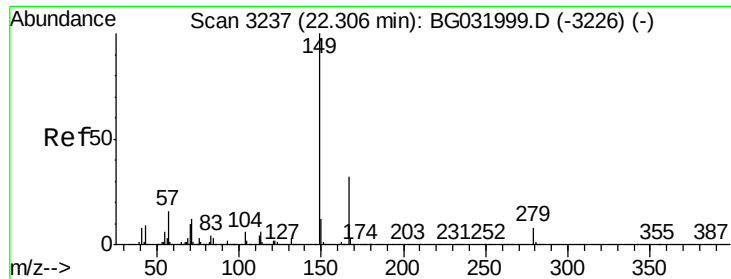
Sohil
 1/16/2018 4:59:40 PM



#82
 Chrysene
 Concen: 41.097 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.9	37.3
229	20.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.020 ng

RT: 22.29 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG032036.D

Acq: 15 Jan 2018 17:37

Instrument :

BNA_G

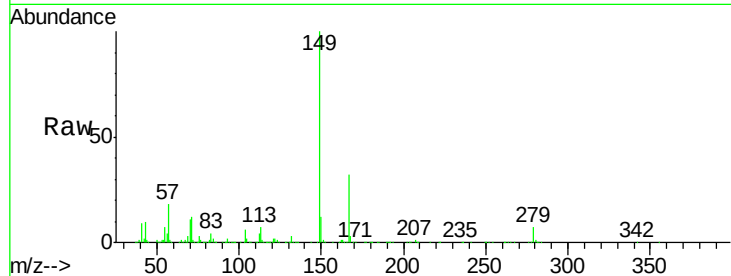
ClientSampleId :

PB105635BS

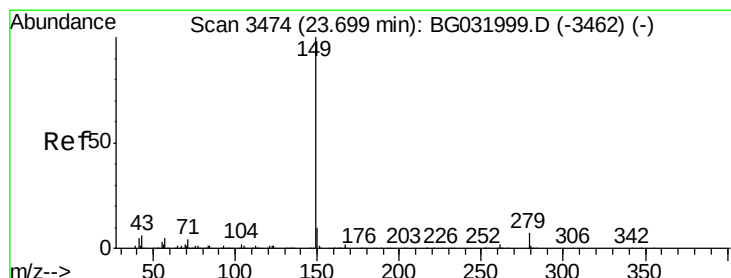
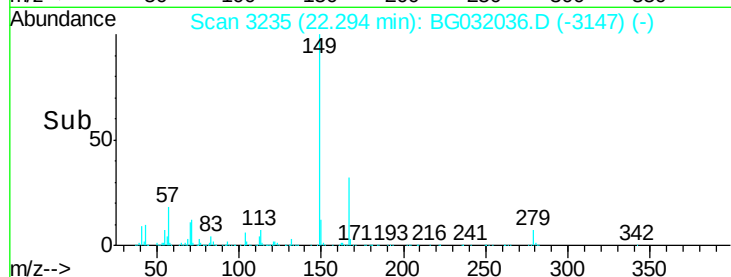
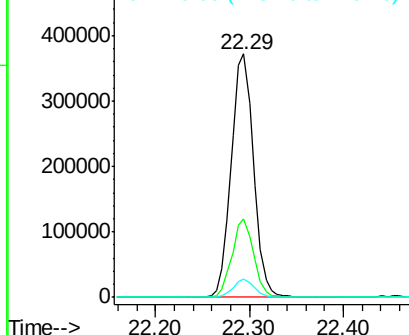
Tgt Ion:	149	Resp:	611922
Ion Ratio		Lower	Upper
149	100		
167	32.2	24.3	36.5
279	7.3	4.0	6.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.219 ng

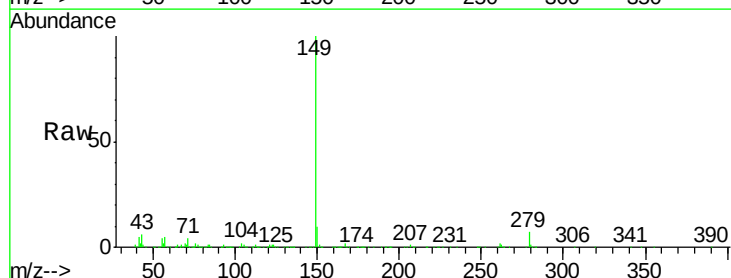
RT: 23.68 min Scan# 3471

Delta R.T. -0.02 min

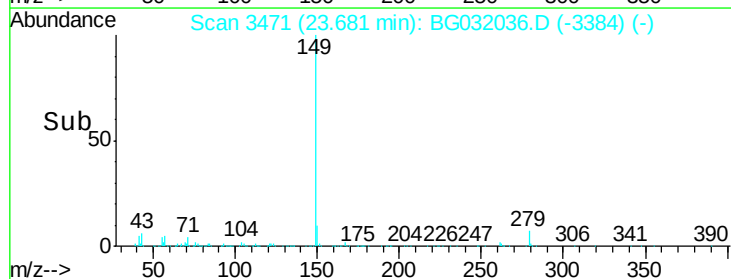
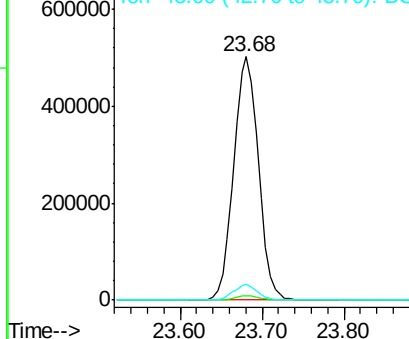
Lab File: BG032036.D

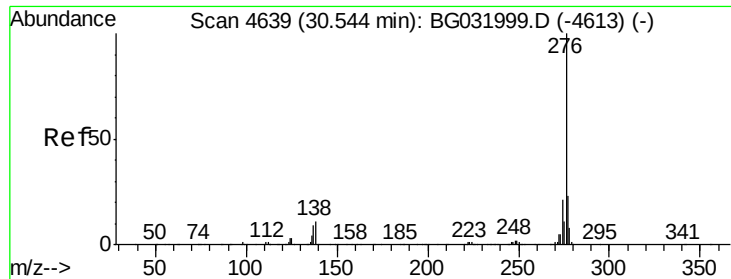
Acq: 15 Jan 2018 17:37

Tgt Ion:	149	Resp:	1051557
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.0	8.9	13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG





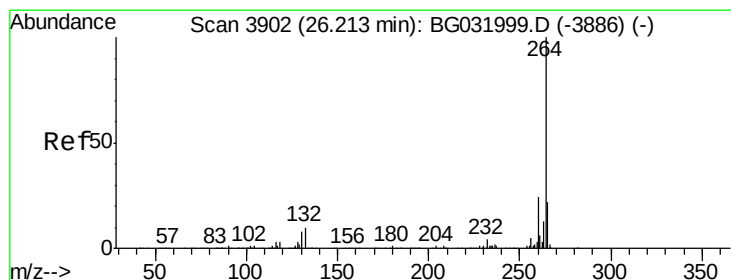
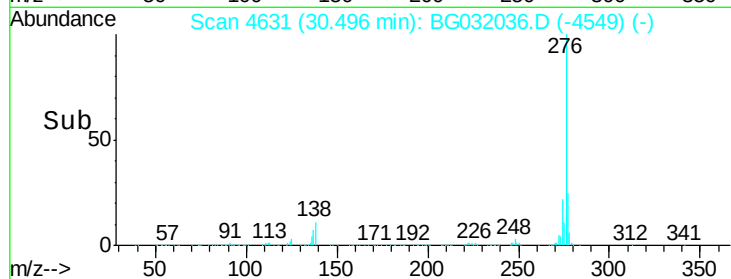
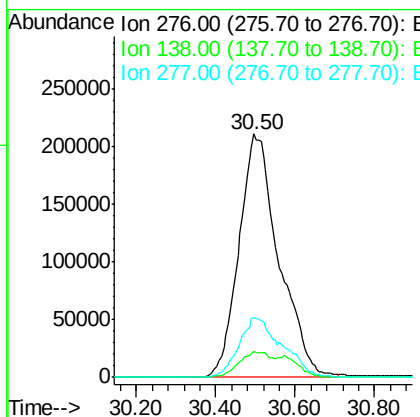
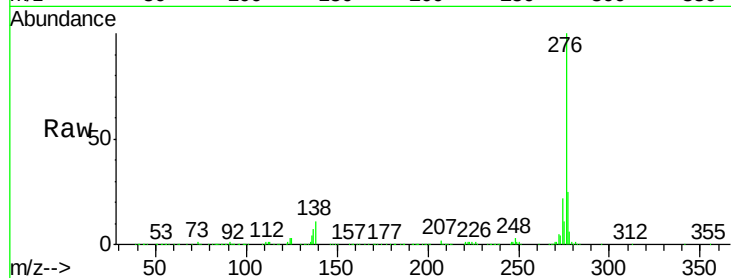
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.442 ng
 RT: 30.50 min Scan# 4631
 Delta R.T. -0.05 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion:276 Resp: 1472960
 Ion Ratio Lower Upper
 276 100
 138 8.6 16.0 24.0#
 277 26.6 20.0 30.0

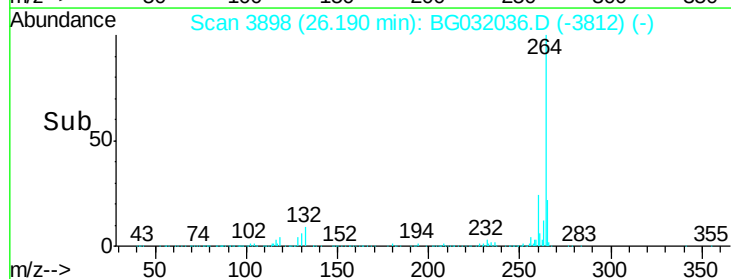
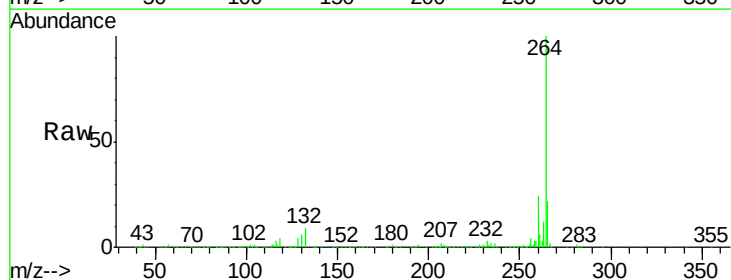
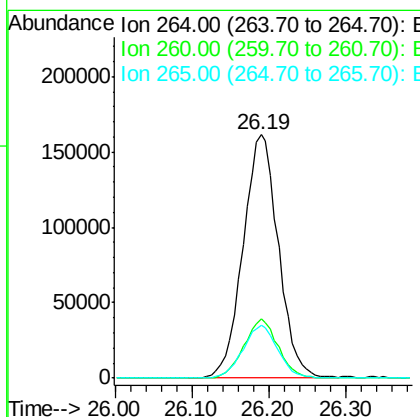
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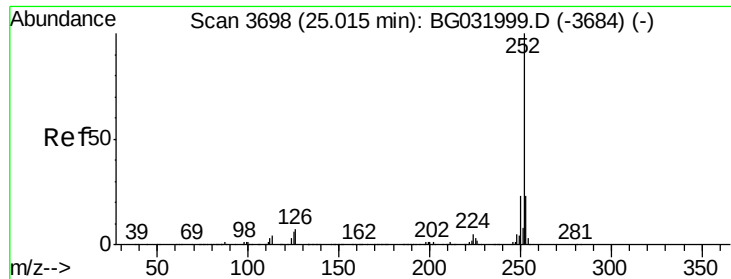
Sohil
 1/16/2018 4:59:40 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.19 min Scan# 3898
 Delta R.T. -0.02 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Tgt Ion:264 Resp: 517341
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 21.9 17.7 26.5





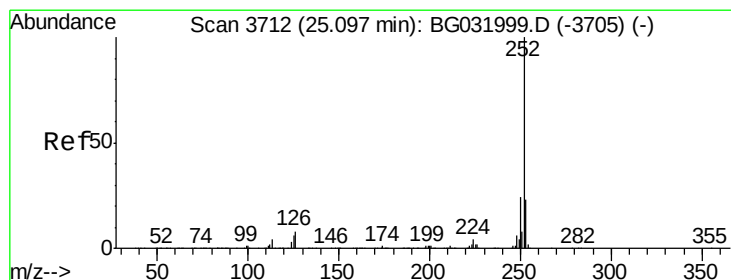
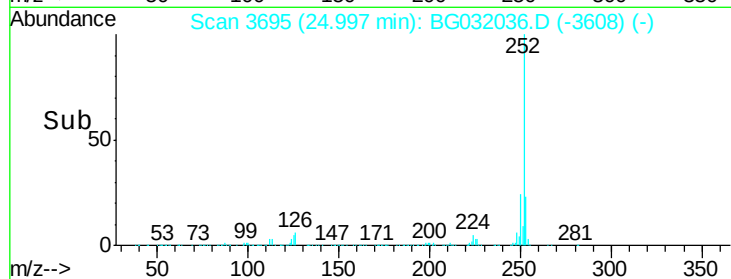
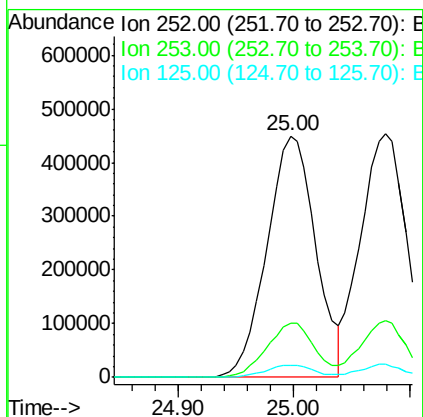
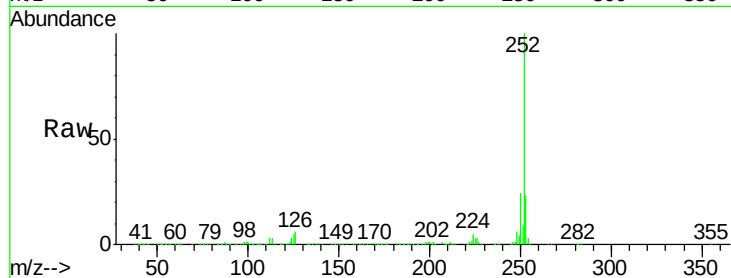
#87
Benzo(b)fluoranthene
Concen: 42.209 ng
RT: 25.00 min Scan# 3695
Delta R.T. -0.02 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion:252 Resp: 1319902
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 5.2 7.2 10.8#

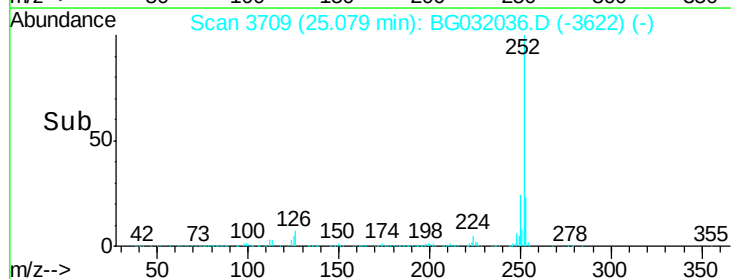
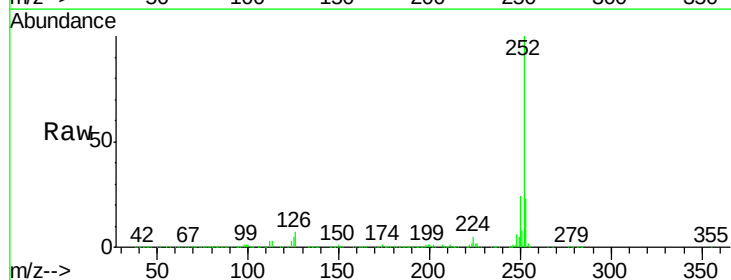
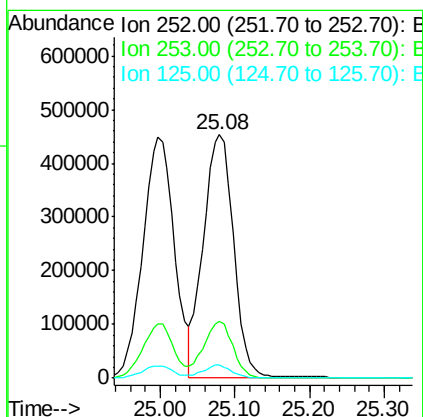
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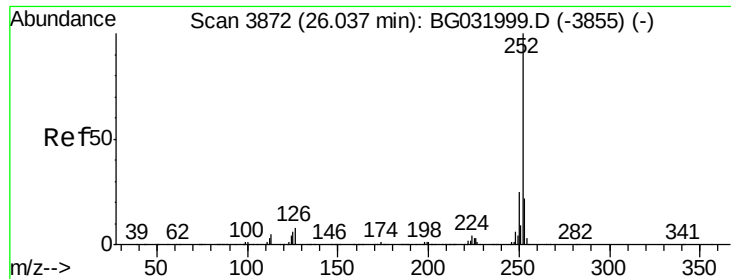
Sohil
1/16/2018 4:59:40 PM



#88
Benzo(k)fluoranthene
Concen: 41.557 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.02 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion:252 Resp: 1269820
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 5.4 6.6 9.8#





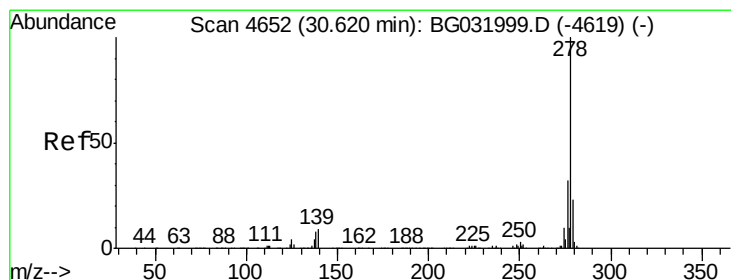
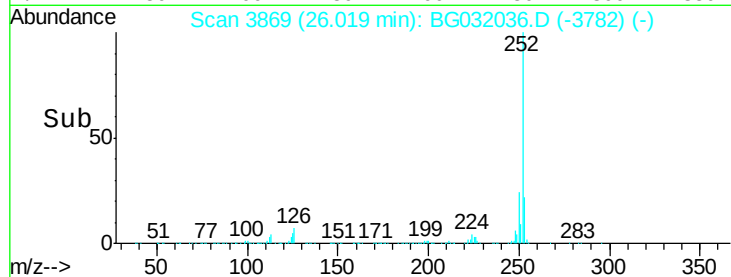
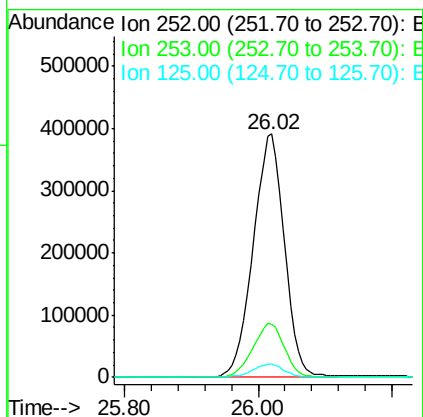
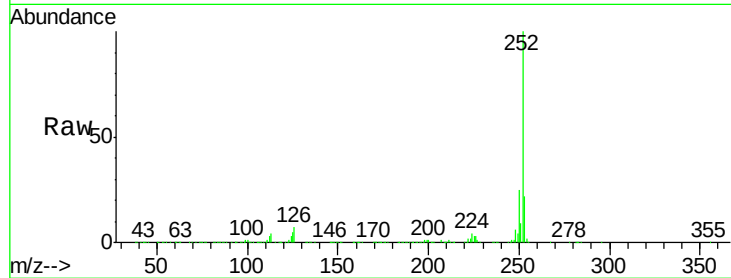
#89
Benzo(a)pyrene
Concen: 42.446 ng
RT: 26.02 min Scan# 3869
Delta R.T. -0.02 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Instrument :
BNA_G
ClientSampleId :
PB105635BS

Tgt Ion: 252 Resp: 1255571
Ion Ratio Lower Upper
252 100
253 21.7 18.3 27.5
125 5.3 7.3 10.9#

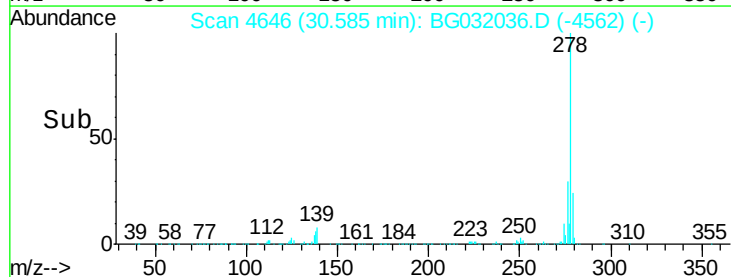
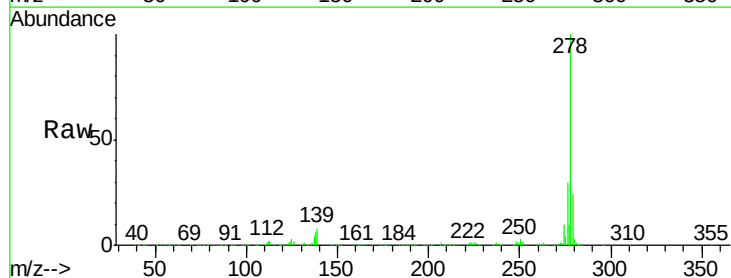
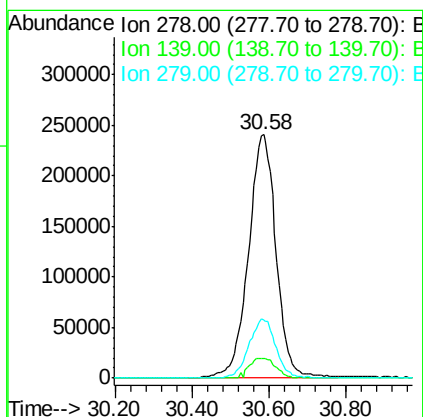
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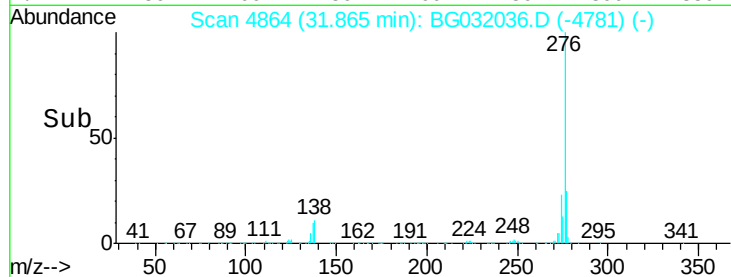
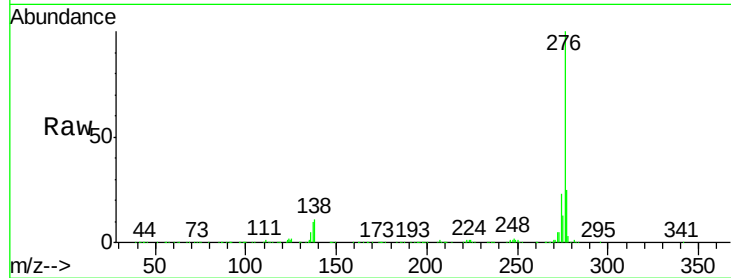
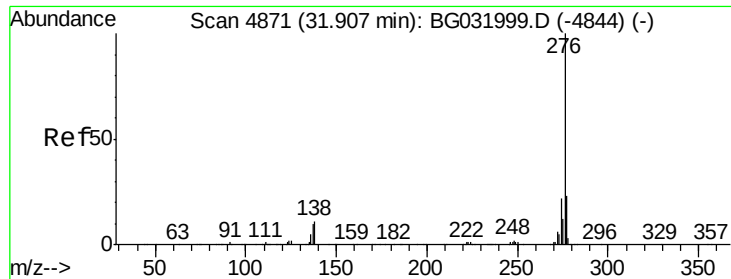
Sohil
1/16/2018 4:59:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.172 ng
RT: 30.58 min Scan# 4646
Delta R.T. -0.04 min
Lab File: BG032036.D
Acq: 15 Jan 2018 17:37

Tgt Ion: 278 Resp: 1202120
Ion Ratio Lower Upper
278 100
139 8.1 9.8 14.6#
279 24.0 18.4 27.6





#91
 Benzo(g,h,i)perylene
 Concen: 42.605 ng
 RT: 31.87 min Scan# 4864
 Delta R.T. -0.04 min
 Lab File: BG032036.D
 Acq: 15 Jan 2018 17:37

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	11.3	13.9	20.9

Manual Integrations
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