

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032065.D
 Acq On : 16 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1123-01MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Manual Integrations
 APPROVED

Sohil
 1/16/2018 5:00:16 PM

Quant Time: Jan 16 17:00:25 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	8.76	152	54240	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	202934	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	136028	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	344805	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	414984	20.00	ng	-0.02
86) Perylene-d12	26.18	264	445266	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	413340	139.38	ng	0.00
7) Phenol-d6	7.88	99	515828	138.10	ng	0.00
23) Nitrobenzene-d5	9.96	82	294750	98.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	332845	147.87	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	939928	85.68	ng	0.00
78) Terphenyl-d14	20.66	244	1592664	84.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.85	88	43129	37.854	ng	# 73
3) Pyridine	4.30	79	111434	36.641	ng	# 82
4) n-Nitrosodimethylamine	4.21	42	55183	51.649	ng	# 90
6) Aniline	8.06	93	93147	19.772	ng	# 95
8) 2-Chlorophenol	8.31	128	153501	46.255	ng	# 79
9) Benzaldehyde	7.87	77	21157	9.776	ng	# 84
10) Phenol	7.91	94	183973	50.002	ng	# 95
11) bis(2-Chloroethyl)ether	8.15	93	122863	41.681	ng	# 82
12) 1,3-Dichlorobenzene	8.65	146	177374m	40.839	ng	# 97
13) 1,4-Dichlorobenzene	8.81	146	177348	40.554	ng	# 97
14) 1,2-Dichlorobenzene	9.13	146	167831	39.679	ng	# 97
15) Benzyl Alcohol	9.00	79	124758	45.979	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	9.30	45	124507	41.562	ng	# 94
17) 2-Methylphenol	9.20	107	120481	42.848	ng	# 83
18) Hexachloroethane	9.89	117	57286	42.623	ng	# 87
19) n-Nitroso-di-n-propylamine	9.58	70	97993	42.285	ng	# 97
20) 3+4-Methylphenols	9.53	107	165565	42.504	ng	# 89
22) Acetophenone	9.61	105	217188	47.116	ng	# 85
24) Nitrobenzene	10.01	77	142767	47.716	ng	# 86
25) Isophorone	10.53	82	267777	47.943	ng	# 82
26) 2-Nitrophenol	10.74	139	88676	50.018	ng	# 93
27) 2,4-Dimethylphenol	10.77	122	150046	53.334	ng	# 96
28) bis(2-Chloroethoxy)methane	11.01	93	164332	48.834	ng	# 88
29) 2,4-Dichlorophenol	11.28	162	179141	51.749	ng	# 96
30) 1,2,4-Trichlorobenzene	11.50	180	200746	44.902	ng	# 99
31) Naphthalene	11.70	128	449672	44.731	ng	# 92
32) Benzoic acid	10.89	122	3737m	6.731	ng	# 98
33) 4-Chloroaniline	11.79	127	89542	20.771	ng	# 46
34) Hexachlorobutadiene	11.97	225	142394	44.344	ng	# 86
35) Caprolactam	12.53	113	53310	50.761	ng	# 94
36) 4-Chloro-3-methylphenol	12.87	107	163654	51.649	ng	# 96
37) 2-Methylnaphthalene	13.26	142	365621	45.810	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	274470	46.289	ng	# 91
40) Hexachlorocyclopentadiene	13.59	237	342003	102.406	ng	# 91

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032065.D
 Acq On : 16 Jan 2018 12:21
 Operator : SJ/JU
 Sample : J1123-01MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Manual Integrations
 APPROVED

Sohil
 1/16/2018 5:00:16 PM

Quant Time: Jan 16 17:00:25 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)
42) 2,4,6-Trichlorophenol	13.84	196	170528	51.184	ng	99
43) 2,4,5-Trichlorophenol	13.92	196	183895	47.686	ng #	92
45) 1,1'-Biphenyl	14.24	154	518507	44.464	ng	95
46) 2-Chloronaphthalene	14.29	162	397122	43.775	ng	96
47) 2-Nitroaniline	14.48	65	88043	50.696	ng #	73
48) Acenaphthylene	15.13	152	586593	42.462	ng	99
49) Dimethylphthalate	14.83	163	646110	54.279	ng #	98
50) 2,6-Dinitrotoluene	14.96	165	118445	47.938	ng #	69
51) Acenaphthene	15.46	154	405285	44.368	ng	96
52) 3-Nitroaniline	15.29	138	58938	26.411	ng #	78
53) 2,4-Dinitrophenol	15.49	184	57567	49.367	ng #	85
54) Dibenzofuran	15.79	168	611203	44.853	ng	99
55) 4-Nitrophenol	15.57	139	173076	106.424	ng #	81
56) 2,4-Dinitrotoluene	15.73	165	168418	50.630	ng #	65
57) Fluorene	16.44	166	499993	44.738	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	195622	54.835	ng #	83
59) Diethylphthalate	16.17	149	507924	44.014	ng	97
60) 4-Chlorophenyl-phenylether	16.41	204	310613	45.307	ng	92
61) 4-Nitroaniline	16.44	138	98717	46.115	ng	91
62) Azobenzene	16.70	77	329385	45.603	ng	88
64) 4,6-Dinitro-2-methylphenol	16.49	198	96431	44.132	ng #	66
65) n-Nitrosodiphenylamine	16.63	169	463487	44.298	ng	99
66) 4-Bromophenyl-phenylether	17.31	248	222266	45.305	ng	95
67) Hexachlorobenzene	17.43	284	226805	41.787	ng #	91
68) Atrazine	17.55	200	218959	49.762	ng	94
69) Pentachlorophenol	17.77	266	311974	89.924	ng	97
70) Phenanthrene	18.17	178	844823	44.007	ng	99
71) Anthracene	18.27	178	862820	45.062	ng	100
72) Carbazole	18.52	167	750021	45.155	ng	100
73) Di-n-butylphthalate	19.03	149	859344	43.784	ng	100
74) Fluoranthene	20.13	202	1111876	46.258	ng	95
76) Benzidine	20.29	184	353171	34.033	ng	96
77) Pyrene	20.49	202	1118926	42.891	ng	97
79) Butylbenzylphthalate	21.35	149	401176	42.921	ng #	78
80) Benzo(a)anthracene	22.45	228	1168810	45.289	ng	100
81) 3,3'-Dichlorobenzidine	22.34	252	232158	24.081	ng #	98
82) Chrysene	22.52	228	1094953	44.178	ng	98
83) Bis(2-ethylhexyl)phthalate	22.29	149	567135	41.378	ng #	96
84) Di-n-octyl phthalate	23.67	149	980123	45.024	ng #	88
85) Indeno(1,2,3-cd)pyrene	30.49	276	1396483	46.040	ng #	88
87) Benzo(b)fluoranthene	24.99	252	1229876	45.697	ng #	96
88) Benzo(k)fluoranthene	25.07	252	1210967	46.046	ng #	97
89) Benzo(a)pyrene	26.00	252	1190430	46.758	ng #	97
90) Dibenzo(a,h)anthracene	30.57	278	1133162	46.188	ng #	96
91) Benzo(g,h,i)perylene	31.84	276	1181822	47.130	ng #	93

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

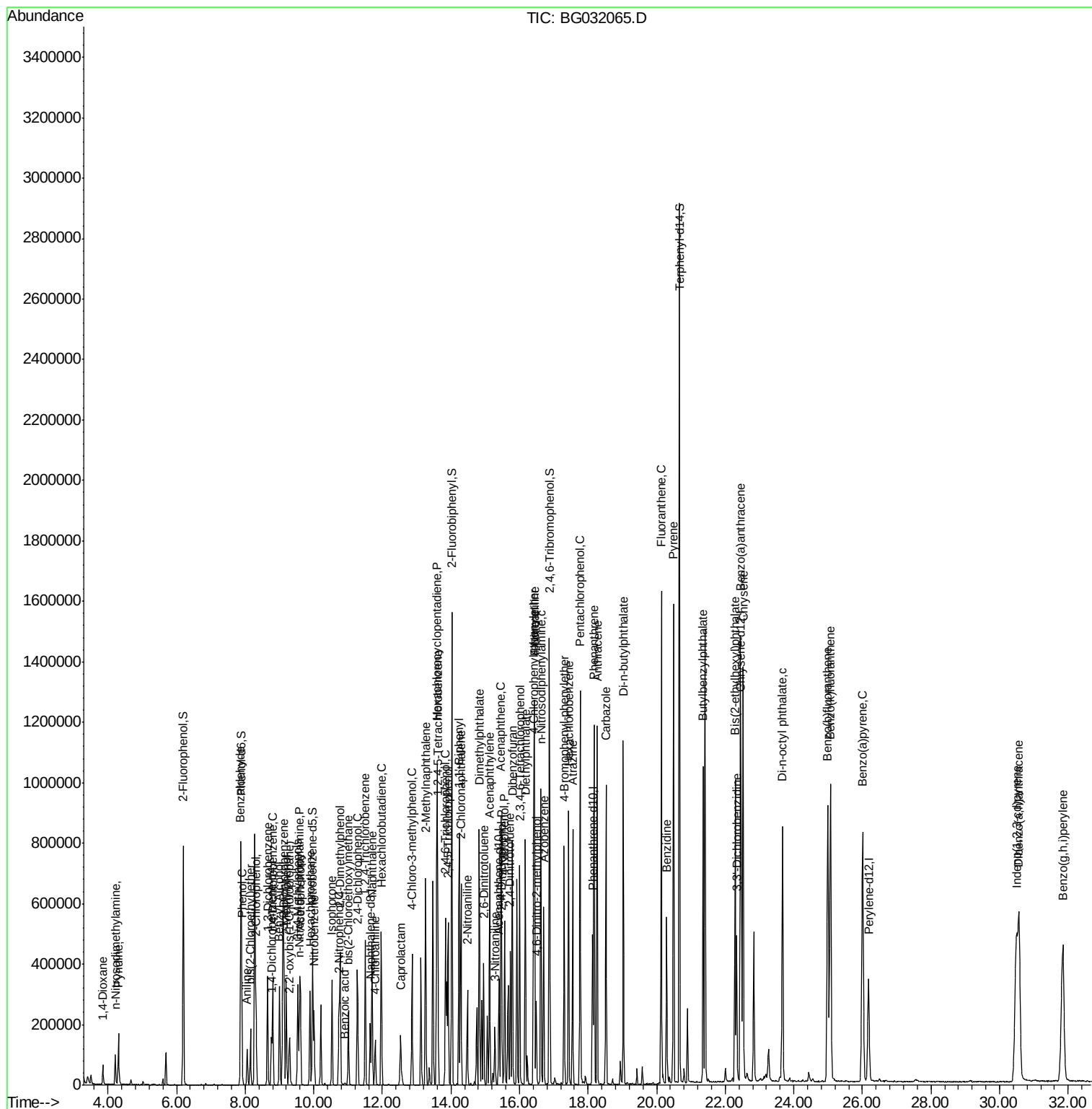
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032065.D
Acq On : 16 Jan 2018 12:21
Operator : SJ/JU
Sample : J1123-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

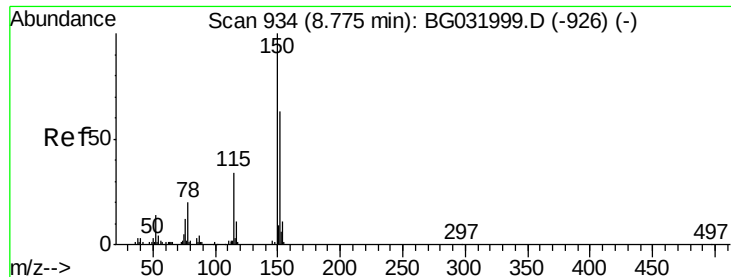
Instrument :
BNA_G
ClientSampled :
B-4(20)MS

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM

Quant Time: Jan 16 17:00:25 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.76 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

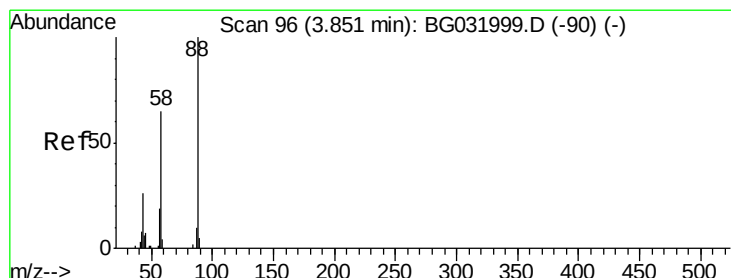
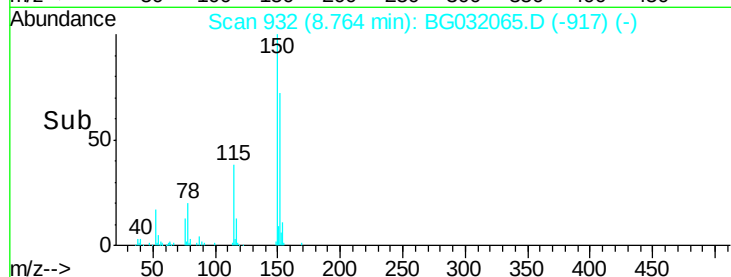
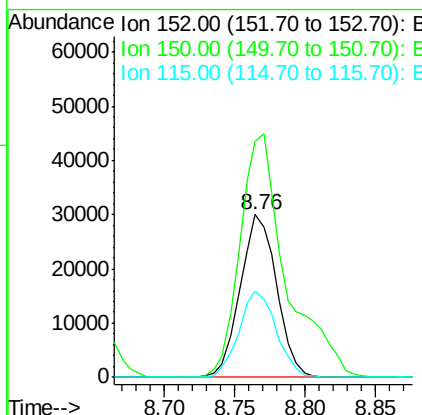
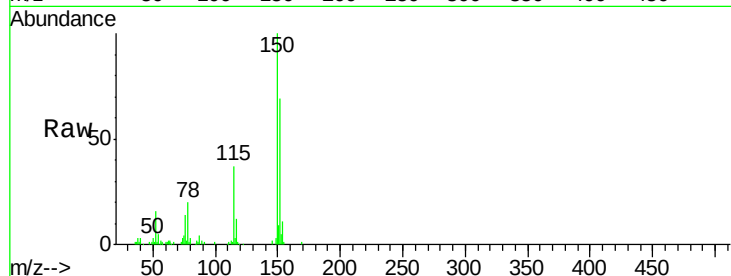
ClientSampleId :

B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.0	126.6	189.8
115	53.5	53.0	79.4

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#2

1,4-Dioxane

Concen: 37.854 ng

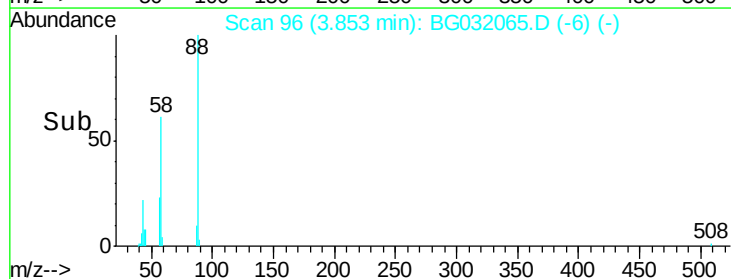
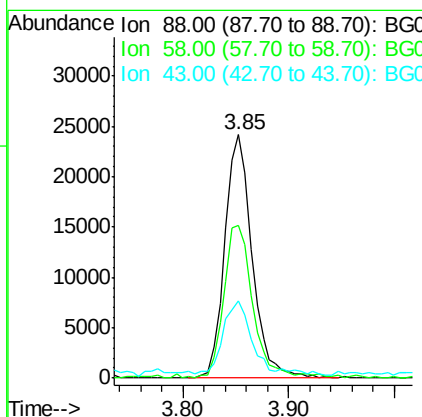
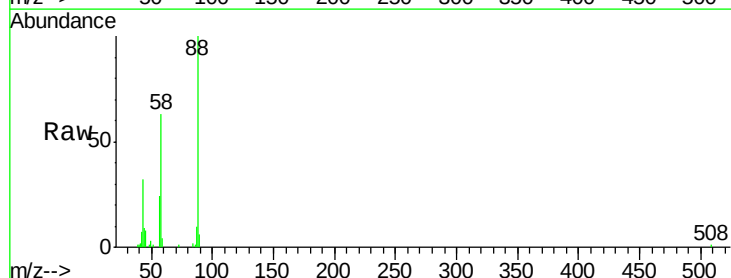
RT: 3.85 min Scan# 96

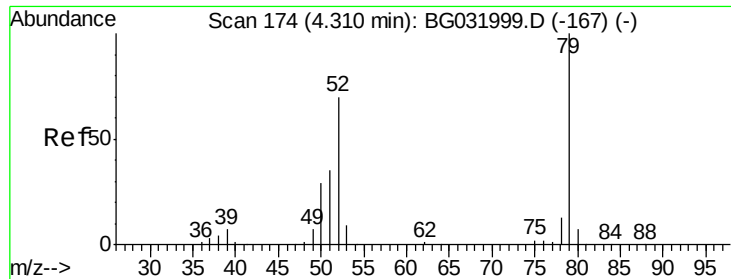
Delta R.T. 0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	79.6	119.4#
43	29.3	27.4	41.0





#3

Pyridine

Concen: 36.641 ng

RT: 4.30 min Scan# 173

Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

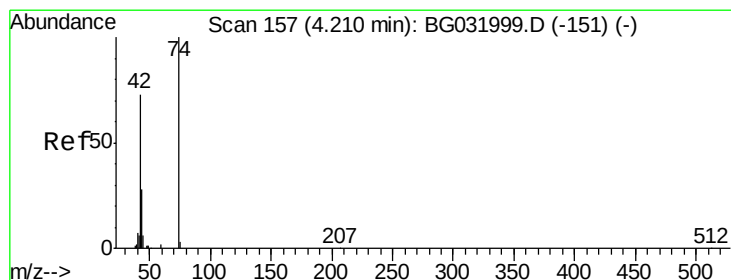
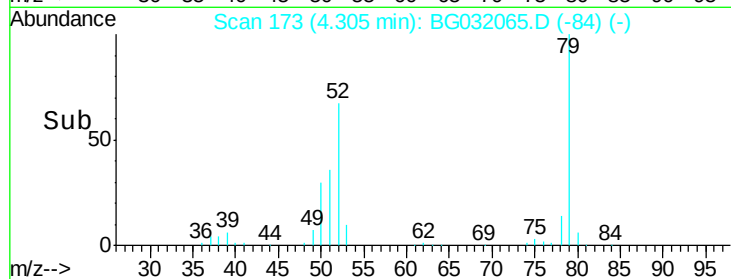
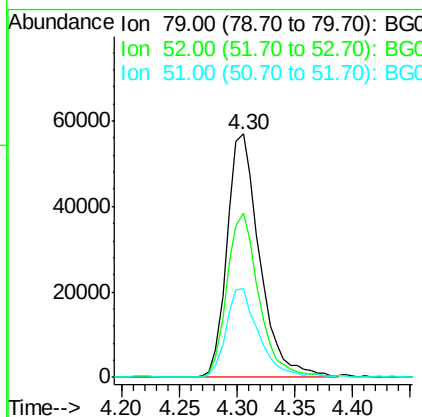
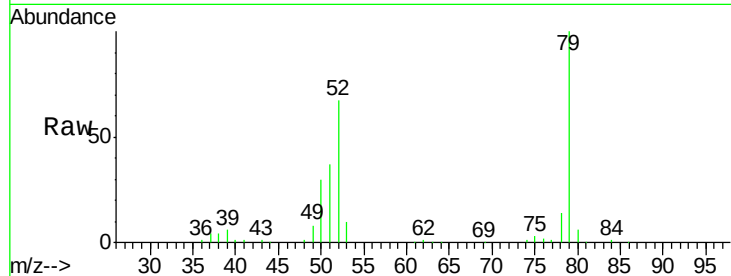
ClientSampleId :

B-4(20)MS

Tgt Ion:	79	Resp:	111434
Ion	Ratio	Lower	Upper
79	100		
52	67.3	69.9	104.9#
51	36.5	34.0	51.0

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#4

n-Nitrosodimethylamine

Concen: 51.649 ng

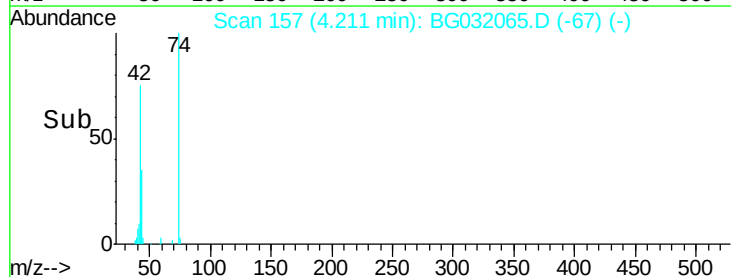
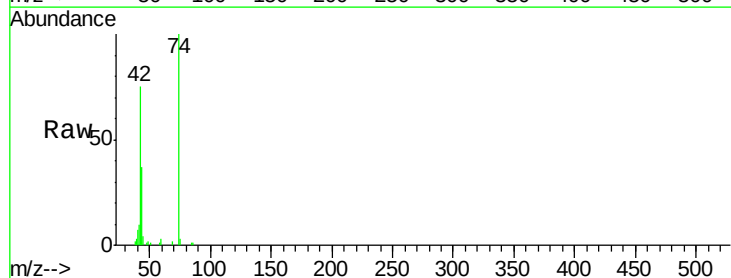
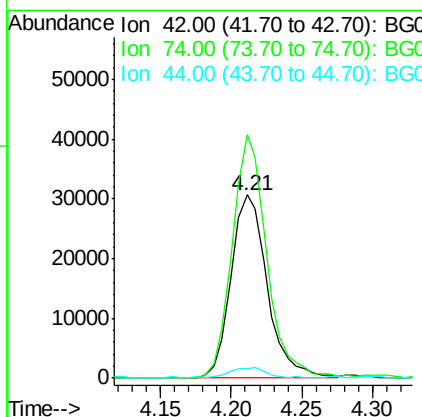
RT: 4.21 min Scan# 157

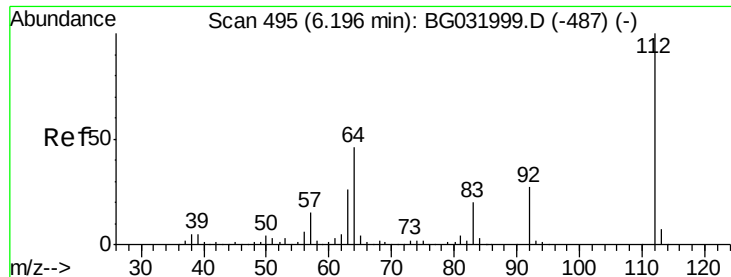
Delta R.T. 0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion:	42	Resp:	55183
Ion	Ratio	Lower	Upper
42	100		
74	133.0	102.5	153.7
44	4.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 139.375 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

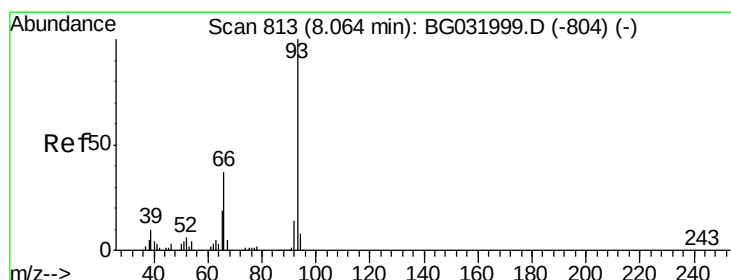
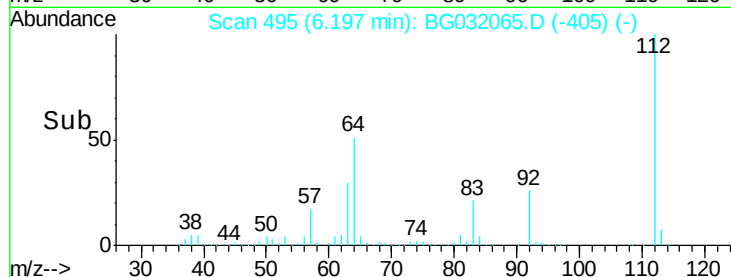
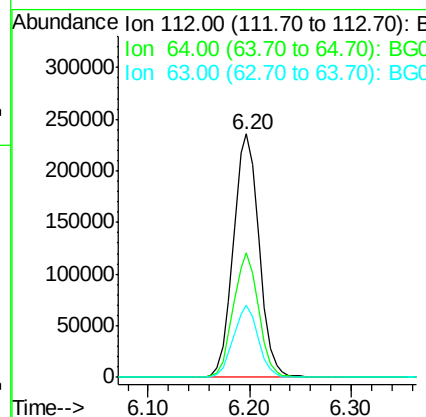
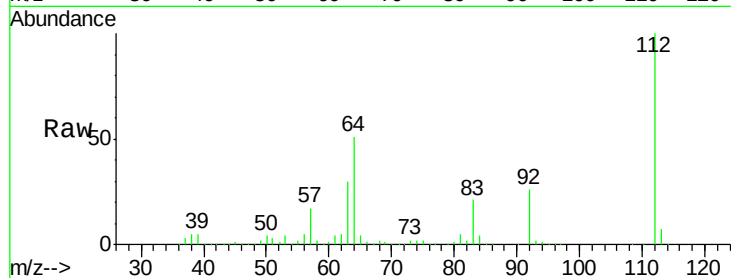
ClientSampleId :

B-4(20)MS

Tgt Ion:	112	Resp:	413340
Ion Ratio	Lower	Upper	
112	100		
64	51.0	56.3	84.5#
63	29.9	30.1	45.1#

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#6

Aniline

Concen: 19.772 ng

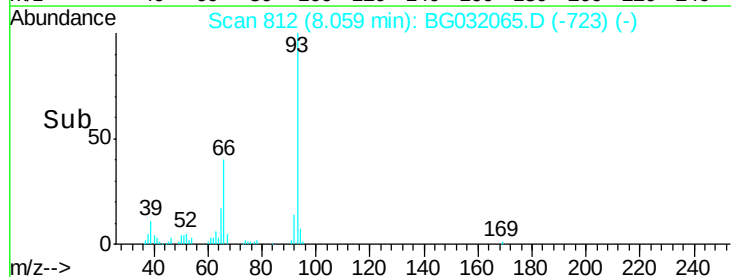
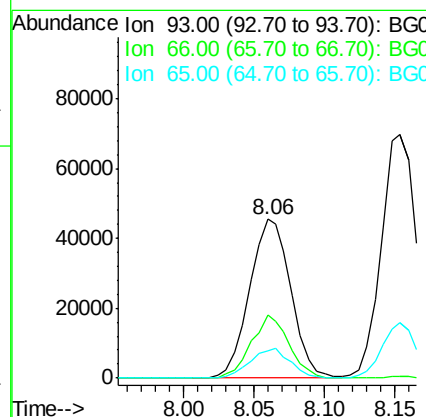
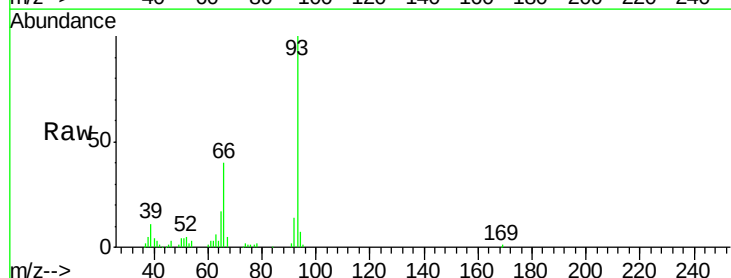
RT: 8.06 min Scan# 812

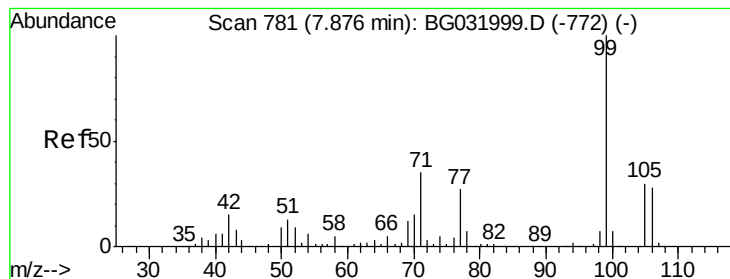
Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion:	93	Resp:	93147
Ion Ratio	Lower	Upper	
93	100		
66	39.5	33.7	50.5
65	17.1	16.1	24.1





#7

Phenol-d6

Concen: 138.104 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

ClientSampled :

B-4(20)MS

Tgt Ion: 99 Resp: 515828

Ion Ratio Lower Upper

99 100

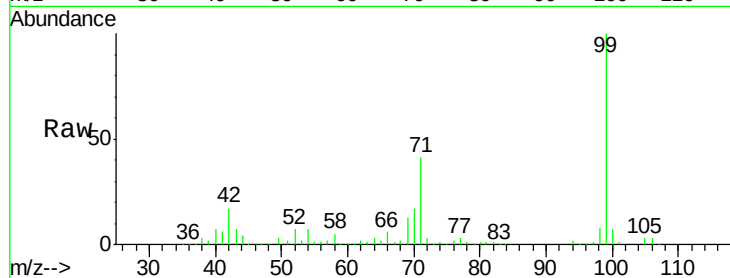
42 16.5 14.1 21.1

71 40.8 26.1 39.1#

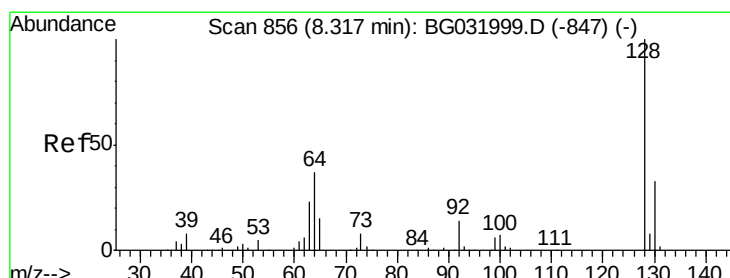
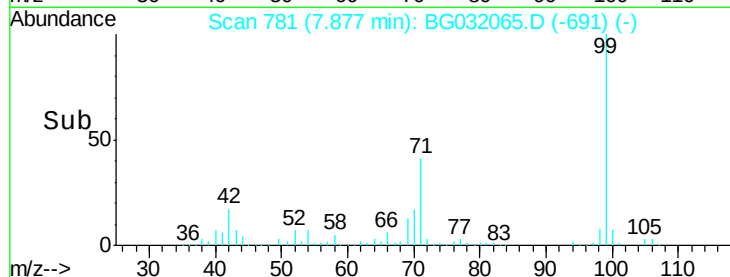
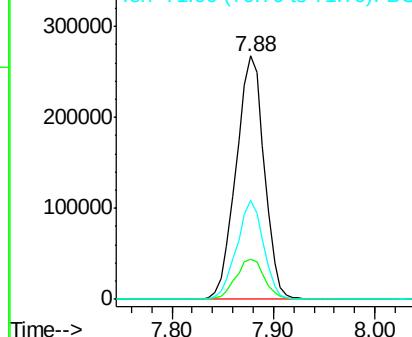
Manual Integrations
APPROVED

Sohil

1/16/2018 5:00:16 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.255 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

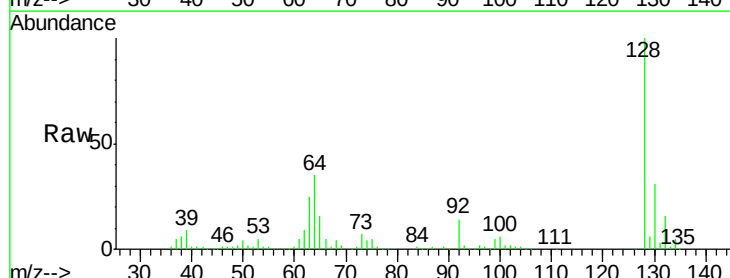
Tgt Ion: 128 Resp: 153501

Ion Ratio Lower Upper

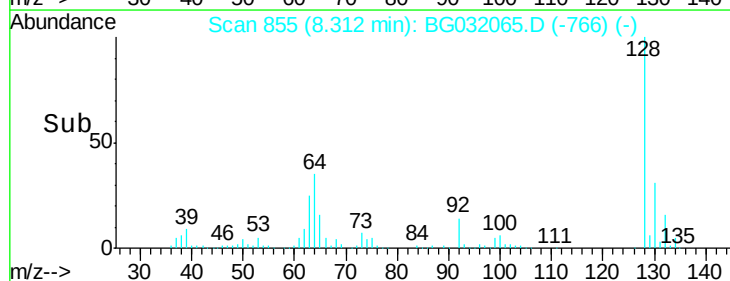
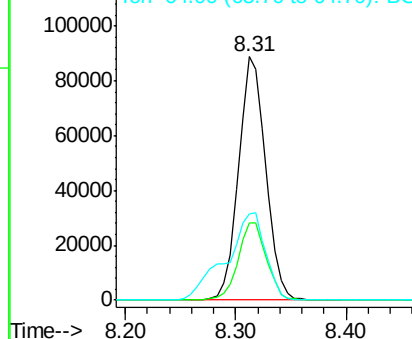
128 100

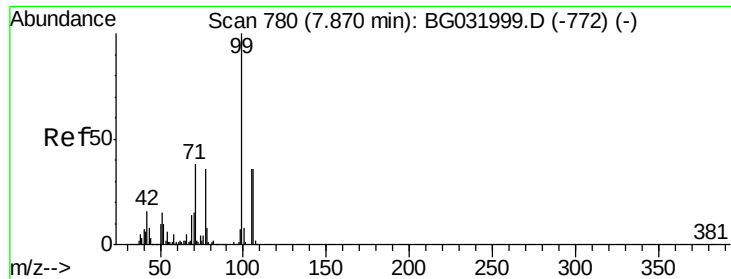
130 31.5 14.0 54.0

64 35.4 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 9.776 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

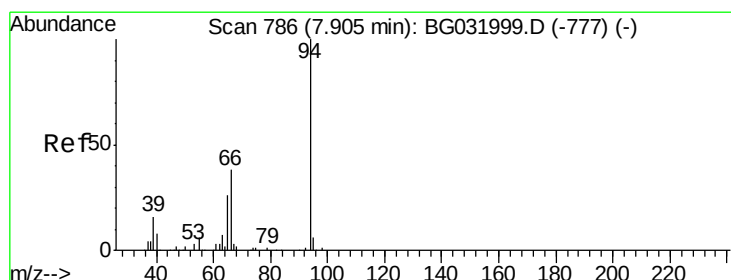
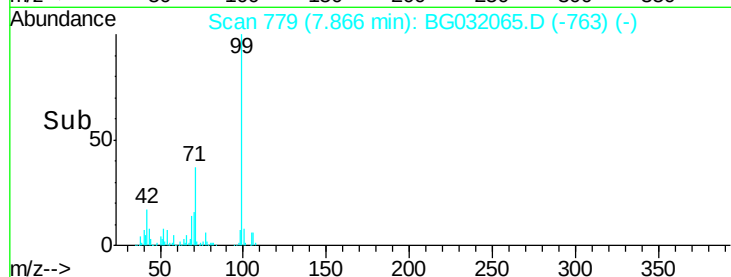
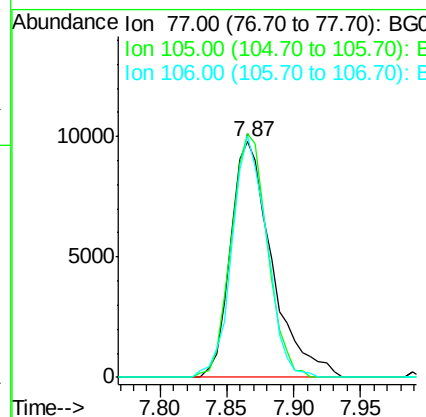
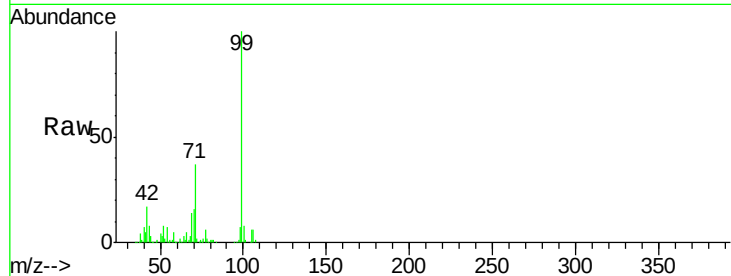
ClientSampleId :

B-4(20)MS

Tgt Ion:	77	Resp:	21157
Ion	Ratio	Lower	Upper
77	100		
105	103.2	71.3	111.3
106	102.0	64.2	104.2

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#10

Phenol

Concen: 50.002 ng

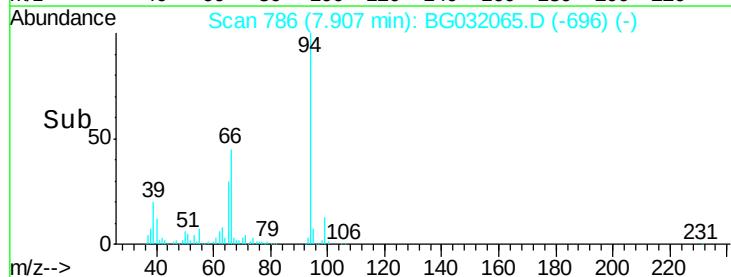
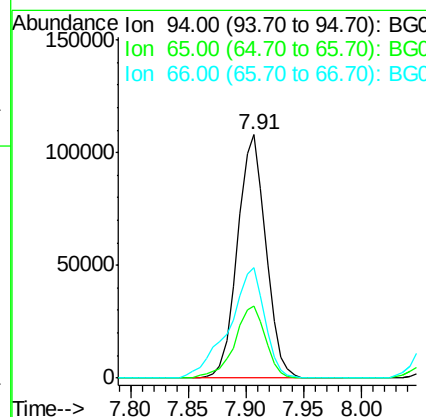
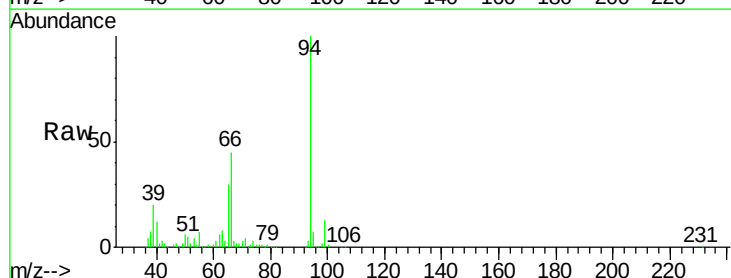
RT: 7.91 min Scan# 786

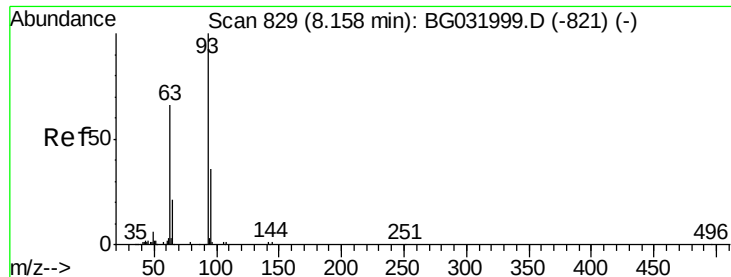
Delta R.T. 0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion:	94	Resp:	183973
Ion	Ratio	Lower	Upper
94	100		
65	29.6	11.9	51.9
66	45.3	22.2	62.2





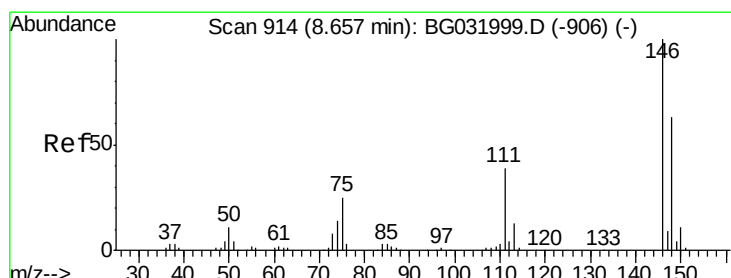
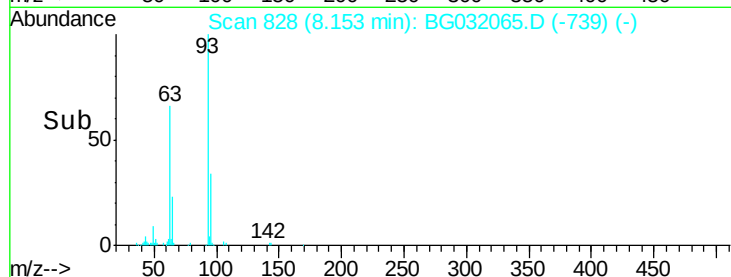
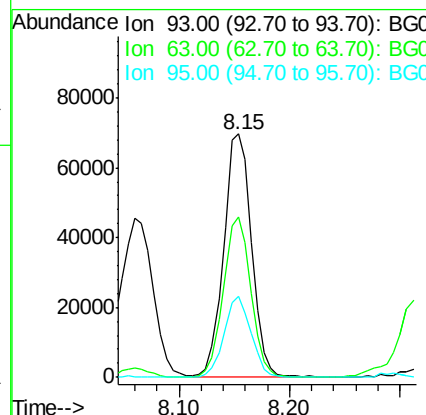
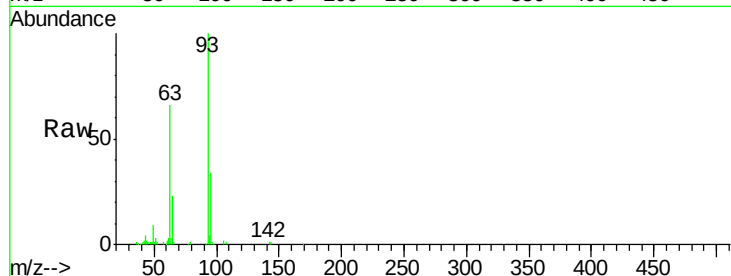
#11
bis(2-Chloroethyl)ether
Concen: 41.681 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	65.9	67.1	107.1#
95	33.5	11.5	51.5

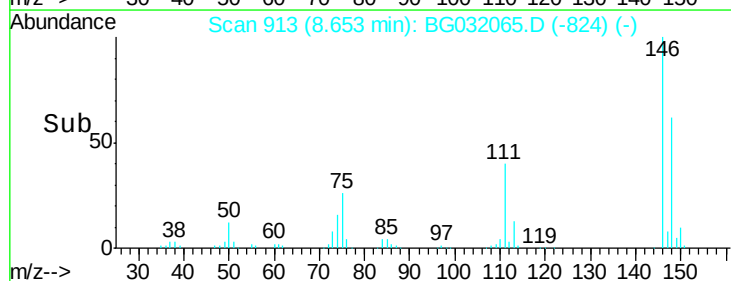
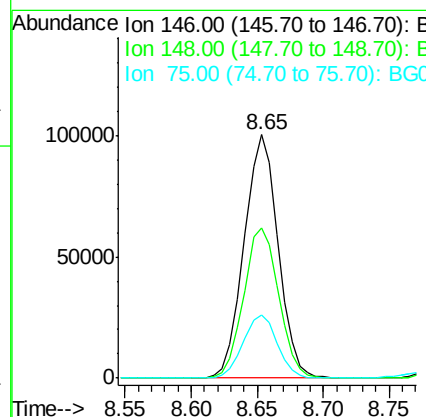
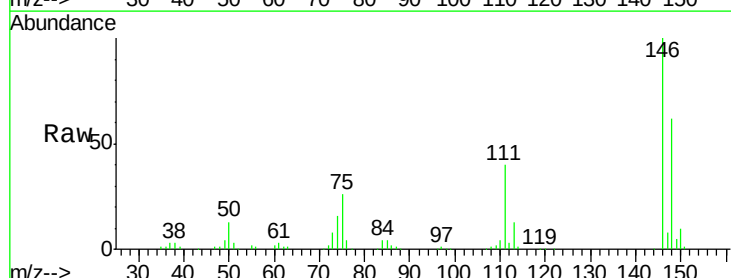
Manual Integrations
APPROVED

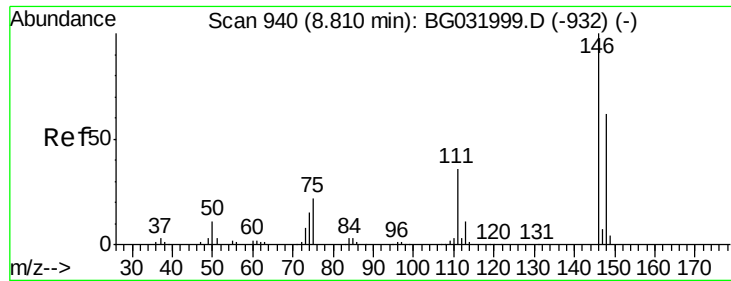
Sohil
1/16/2018 5:00:16 PM



#12
1,3-Dichlorobenzene
Concen: 40.839 ng m
RT: 8.65 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.4	77.2
75	26.1	26.6	39.8#





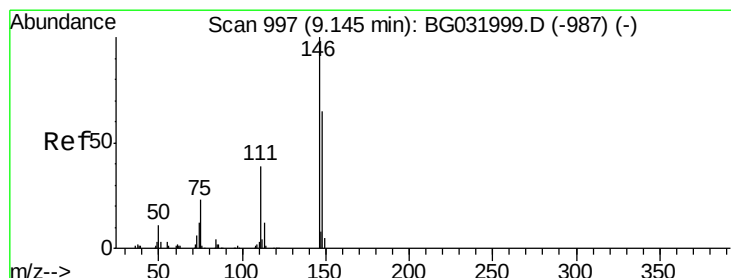
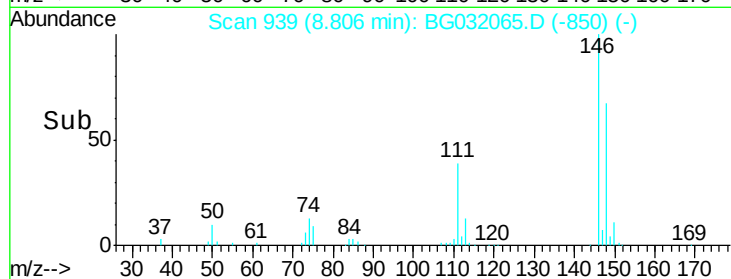
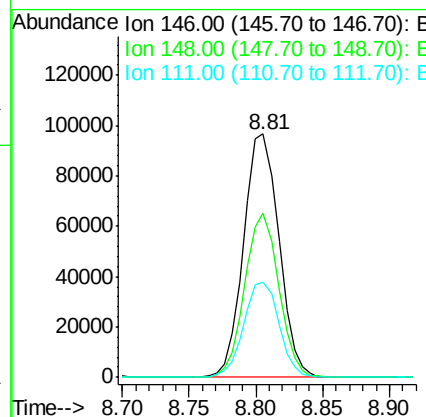
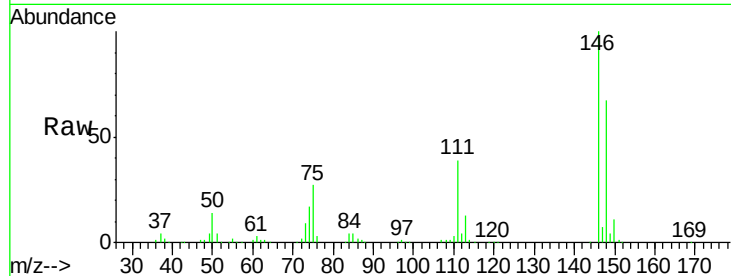
#13
 1,4-Dichlorobenzene
 Concen: 40.554 ng
 RT: 8.81 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	53.7	80.5
111	38.9	35.2	52.8

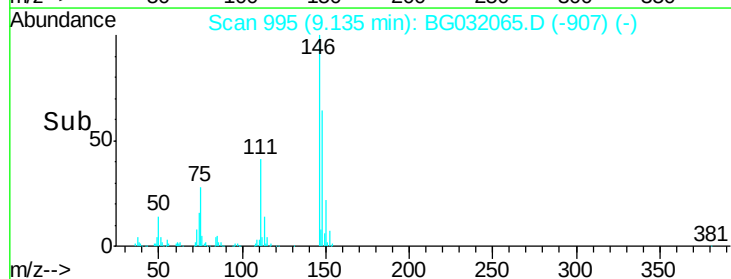
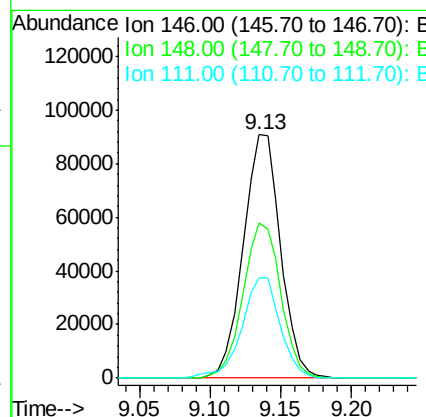
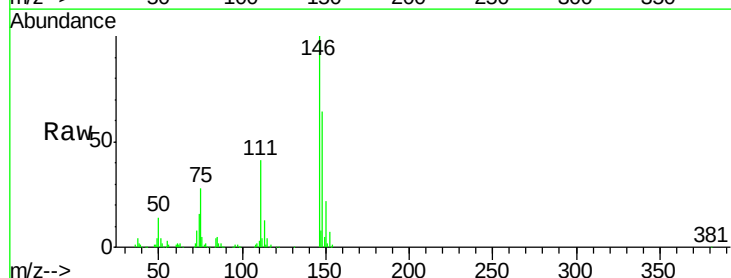
Manual Integrations
 APPROVED

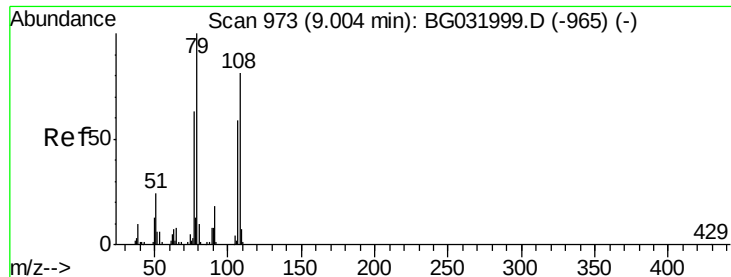
Sohil
 1/16/2018 5:00:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.679 ng
 RT: 9.13 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.3	73.9
111	41.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 45.979 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

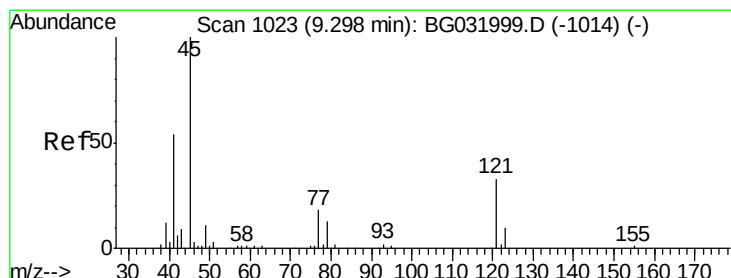
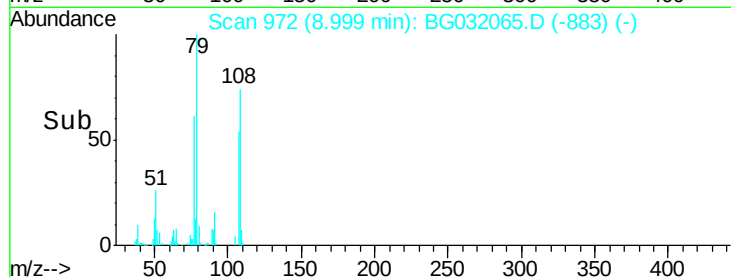
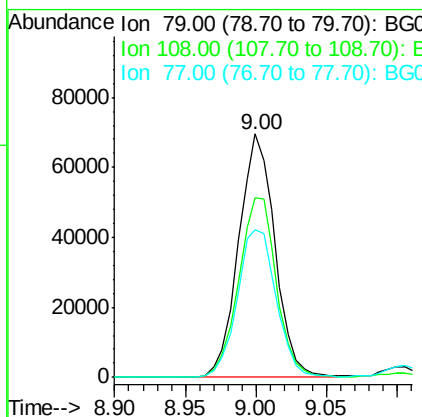
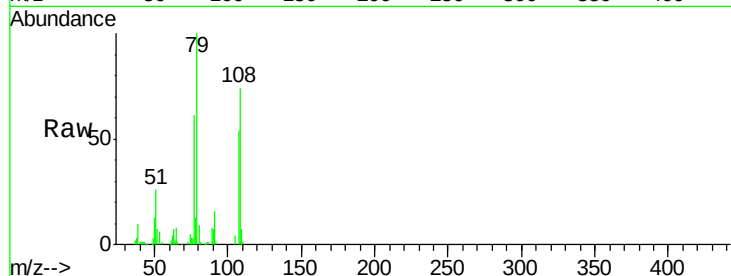
ClientSampleId :

B-4(20)MS

Tgt Ion:	79	Resp:	124758
Ion Ratio	Lower	Upper	
79	100		
108	73.8	57.2	85.8
77	60.6	46.1	69.1

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.562 ng

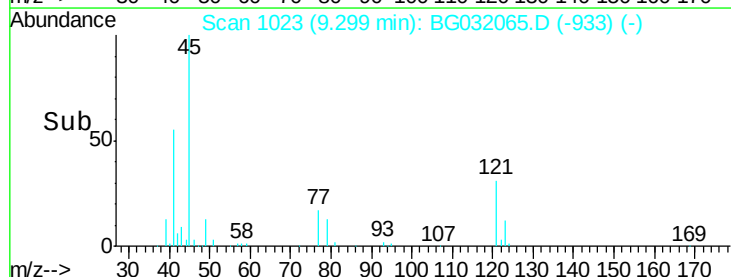
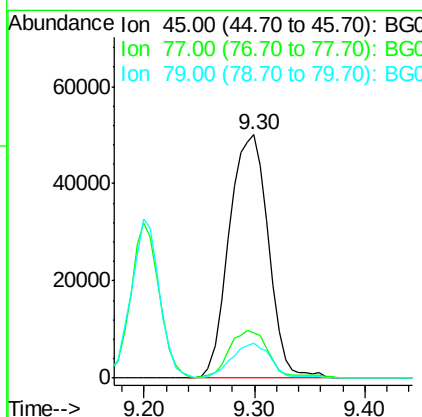
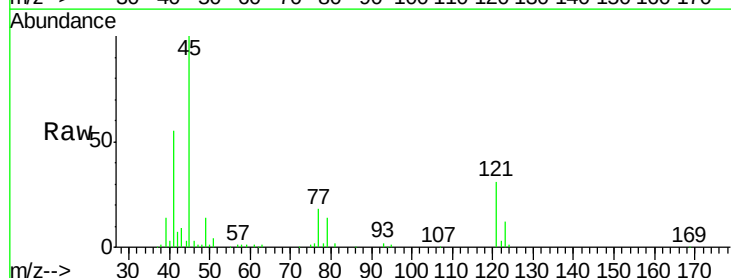
RT: 9.30 min Scan# 1023

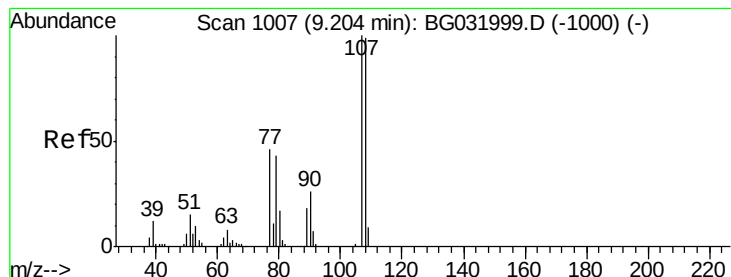
Delta R.T. 0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion:	45	Resp:	124507
Ion Ratio	Lower	Upper	
45	100		
77	18.4	0.0	30.2
79	14.4	0.0	27.9





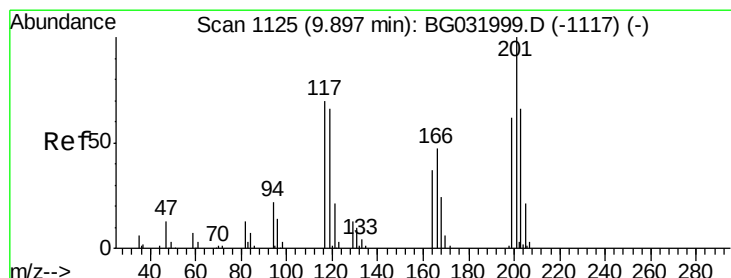
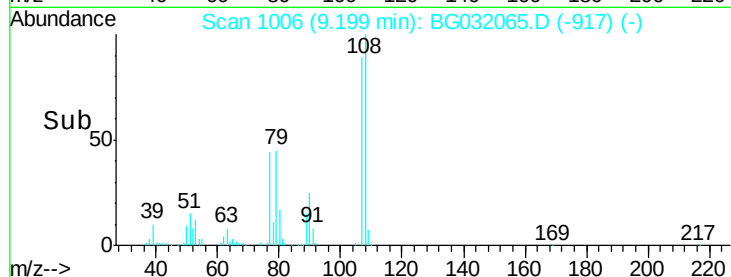
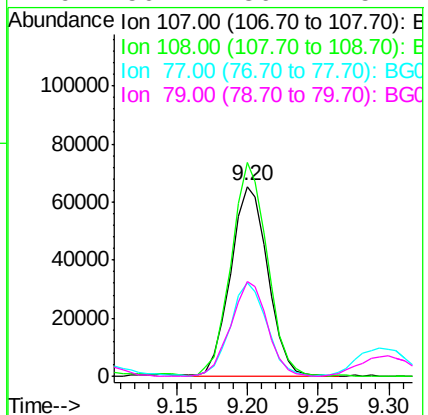
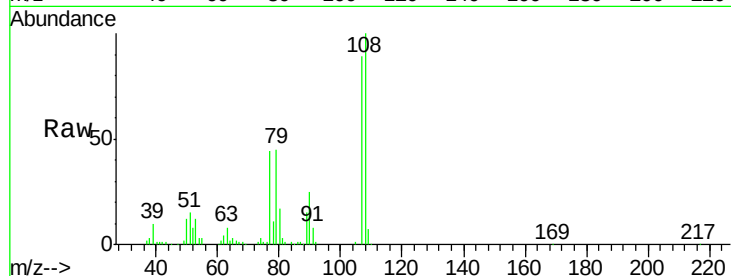
#17
2-Methylphenol
Concen: 42.848 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	120481		
108	112.4	83.9	125.9	
77	49.0	37.2	55.8	
79	50.1	36.2	54.2	

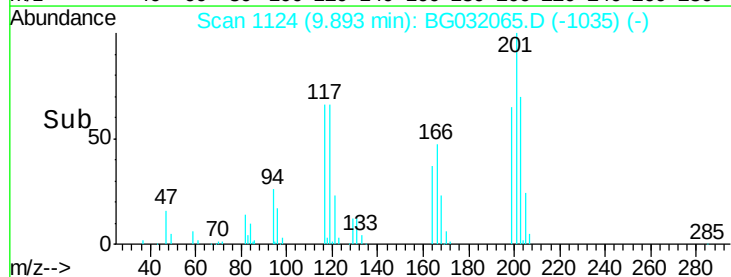
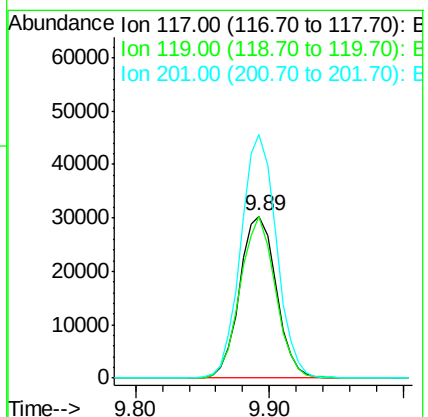
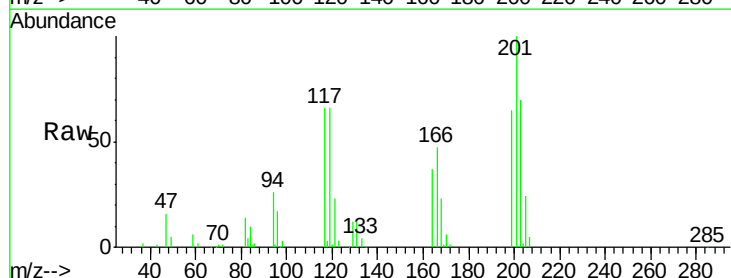
Manual Integrations
APPROVED

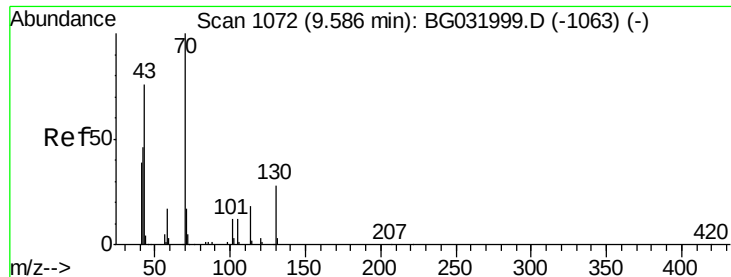
Sohil
1/16/2018 5:00:16 PM



#18
Hexachloroethane
Concen: 42.623 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57286		
119	99.9	76.7	115.1	
201	150.4	95.7	143.5#	





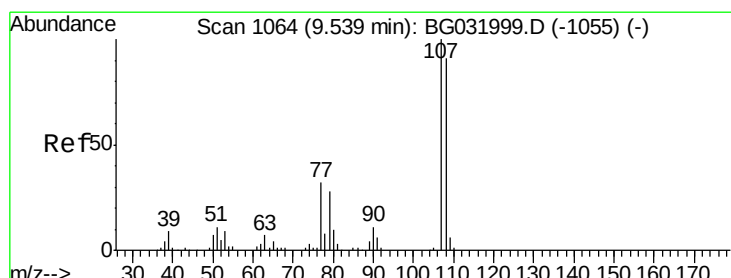
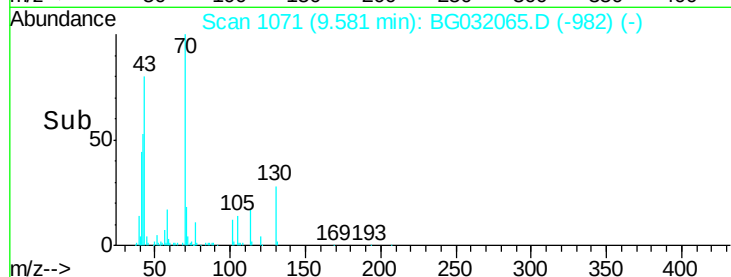
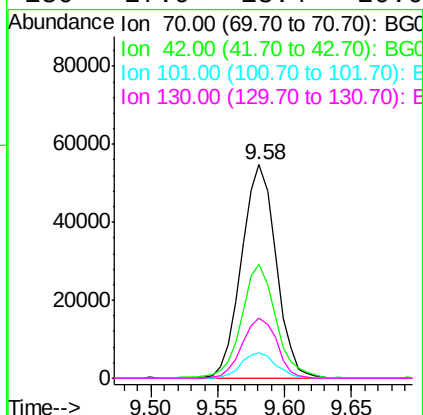
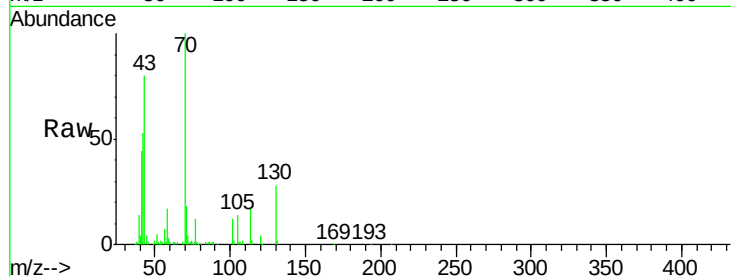
#19
n-Nitroso-di-n-propylamine
Concen: 42.285 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.3	49.1	73.7
101	11.8	8.5	12.7
130	27.9	13.4	20.0#

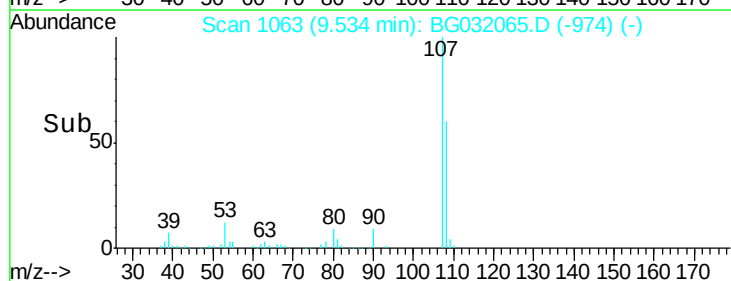
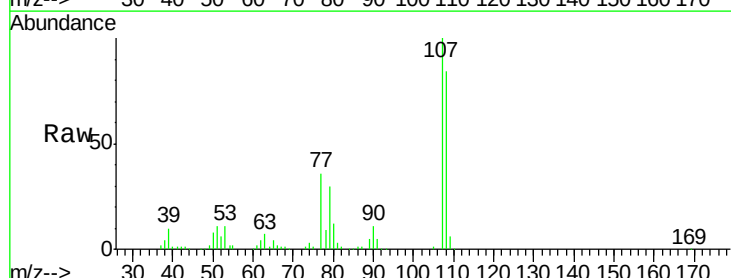
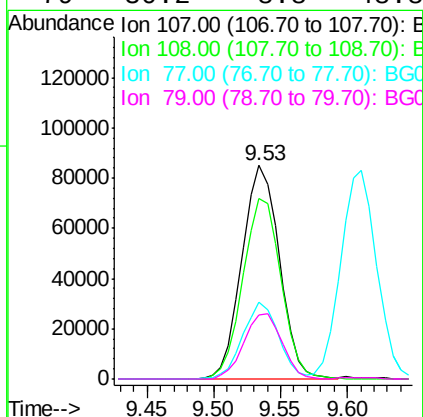
Manual Integrations
APPROVED

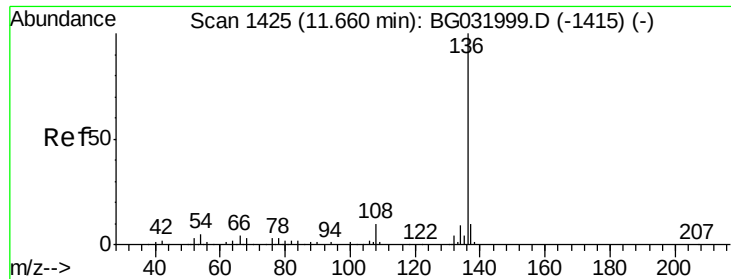
Sohil
1/16/2018 5:00:16 PM



#20
3+4-Methylphenols
Concen: 42.504 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	61.6	101.6
77	36.0	13.9	53.9
79	30.2	8.8	48.8





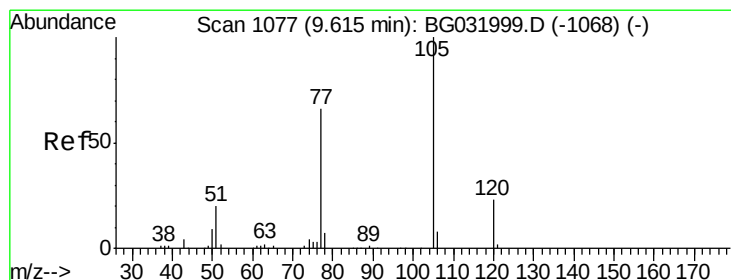
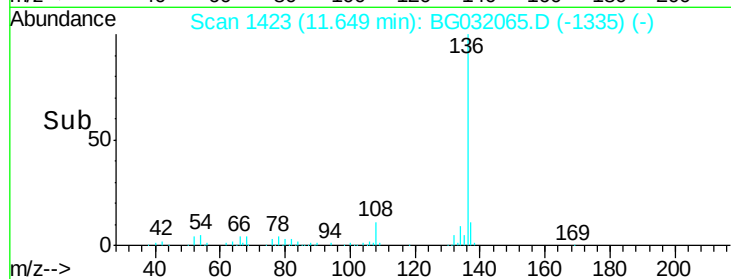
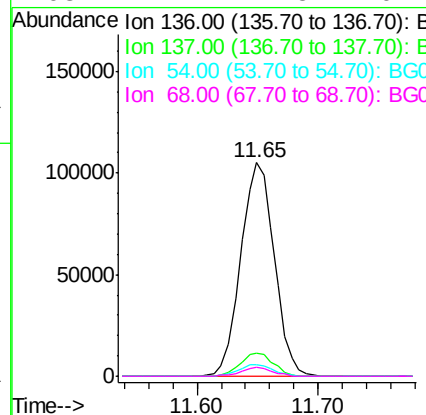
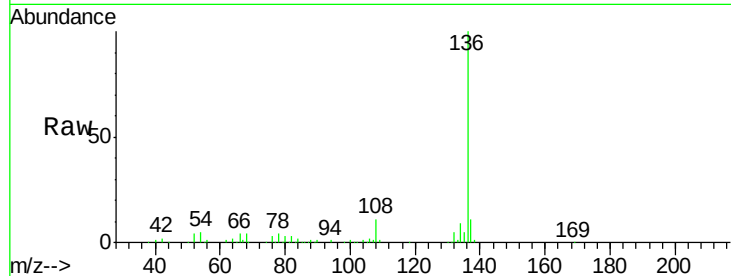
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	202934		
137	10.6	9.2	13.8	
54	5.1	10.3	15.5#	
68	4.2	4.5	6.7#	

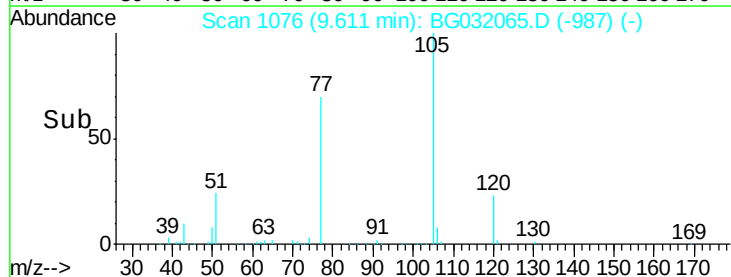
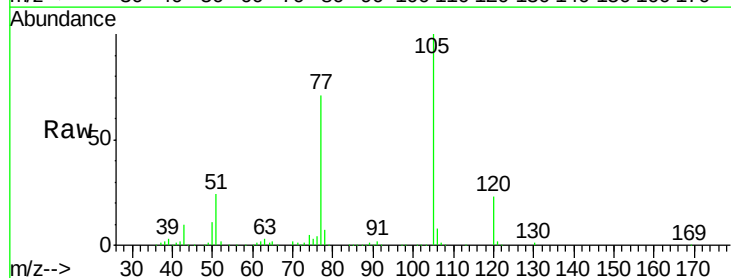
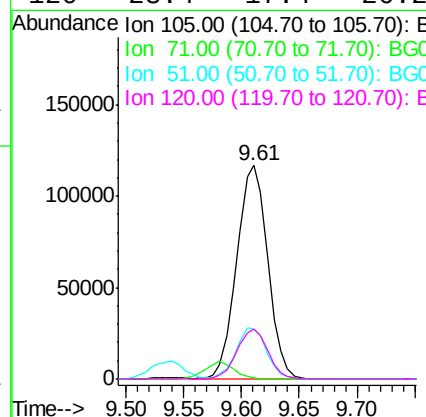
Manual Integrations
APPROVED

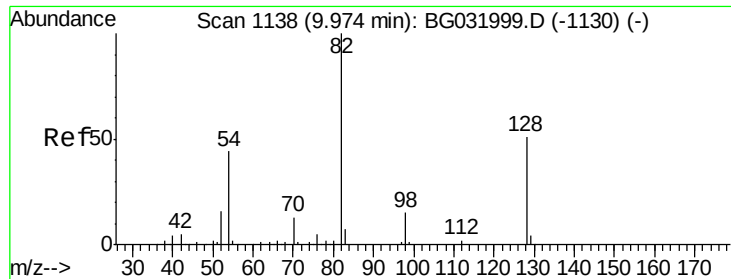
Sohil
1/16/2018 5:00:16 PM



#22
Acetophenone
Concen: 47.116 ng
RT: 9.61 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217188		
71	0.6	3.0	4.4#	
51	23.6	26.1	39.1#	
120	23.4	17.4	26.2	





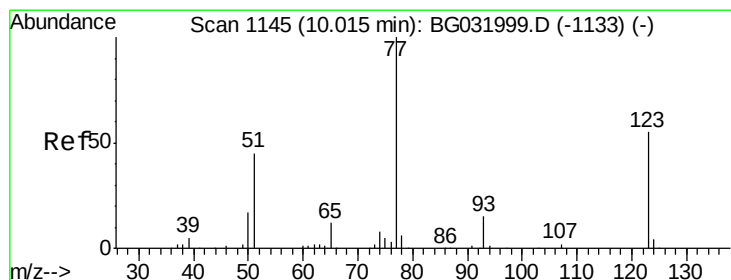
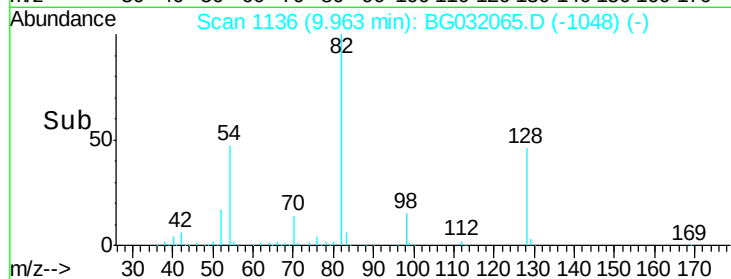
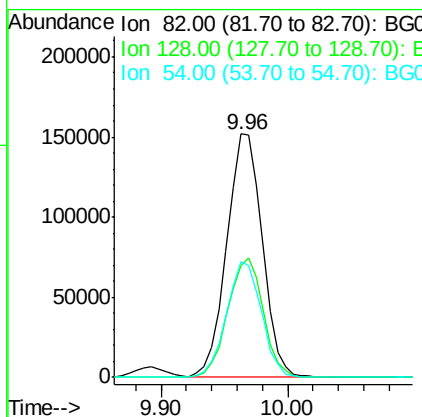
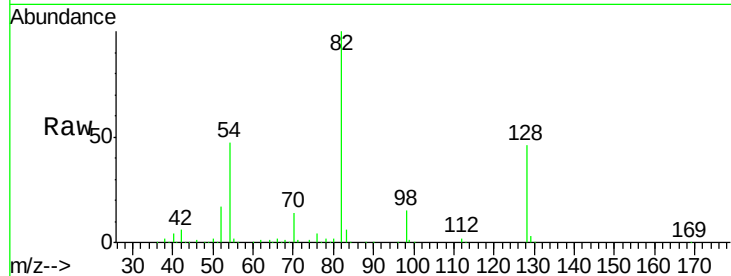
#23
 Nitrobenzene-d5
 Concen: 98.264 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.9	29.7	44.5#
54	47.3	43.1	64.7

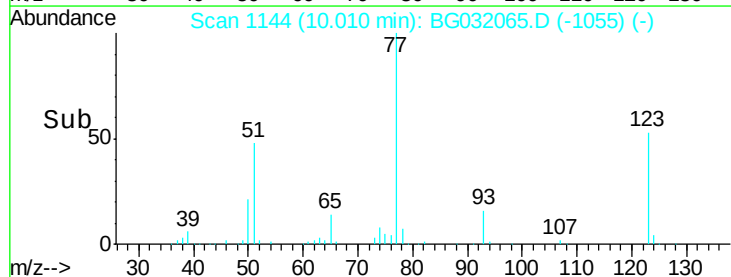
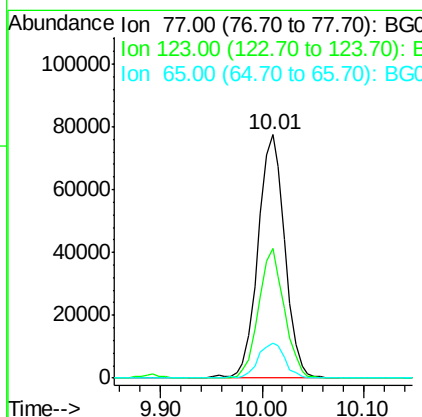
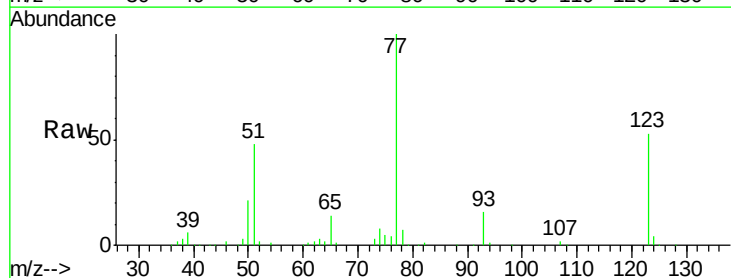
Manual Integrations
 APPROVED

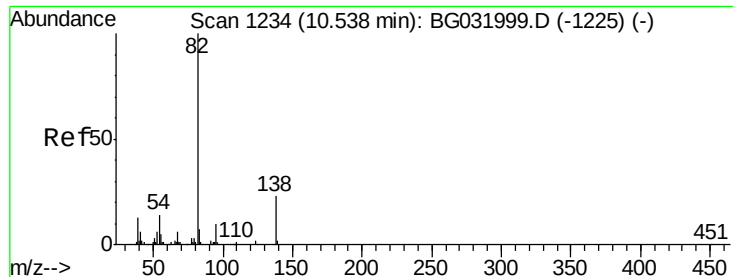
Sohil
 1/16/2018 5:00:16 PM



#24
 Nitrobenzene
 Concen: 47.716 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	53.4	33.0	49.6#
65	14.2	13.0	19.6





#25

Isophorone

Concen: 47.943 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

ClientSampleId :

B-4(20)MS

Tgt Ion: 82 Resp: 267777

Ion Ratio Lower Upper

82 100

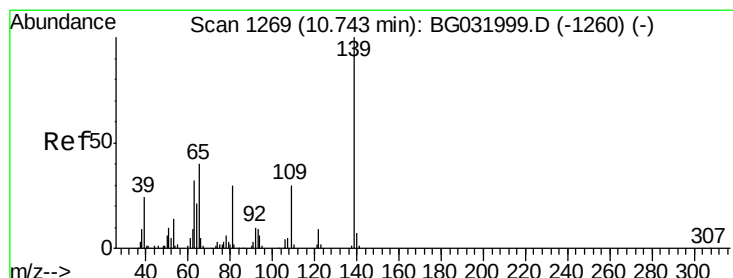
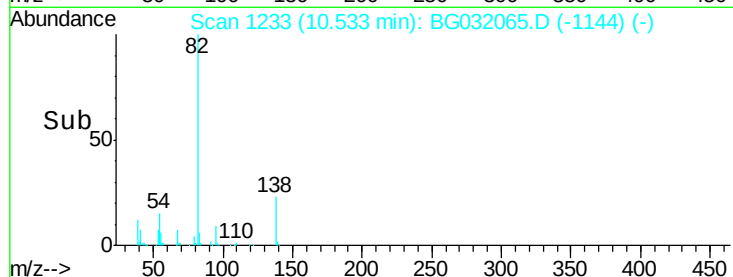
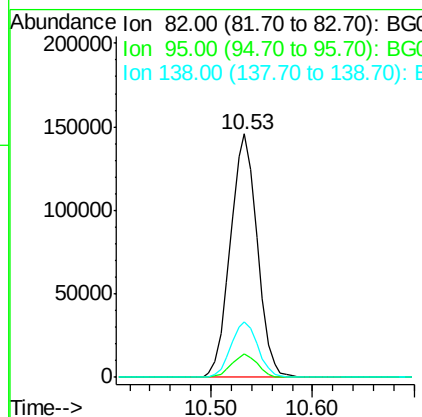
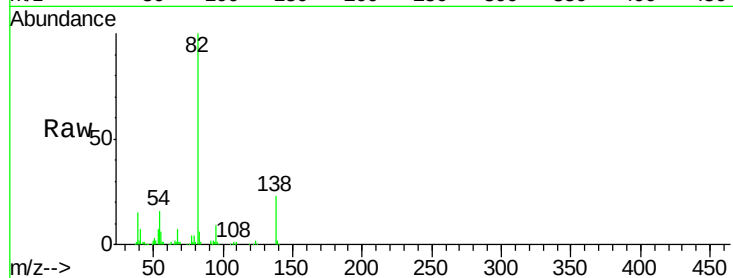
95 9.4 6.2 9.2#

138 22.6 12.1 18.1#

Manual Integrations
APPROVED

Sohil

1/16/2018 5:00:16 PM



#26

2-Nitrophenol

Concen: 50.018 ng

RT: 10.74 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

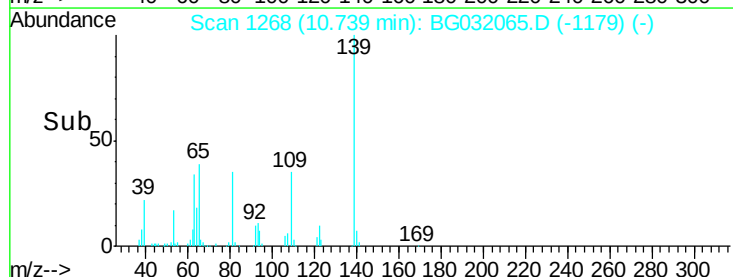
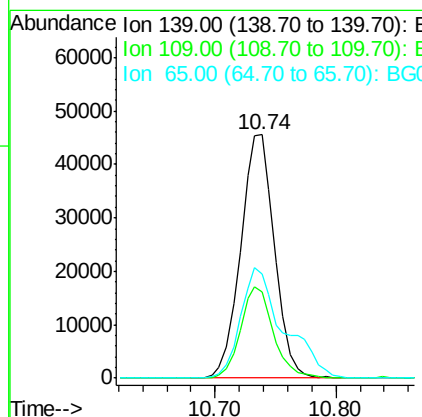
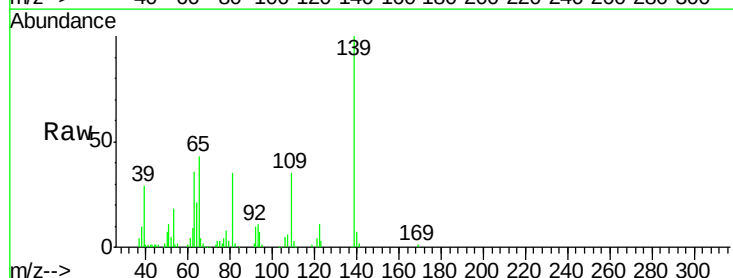
Tgt Ion: 139 Resp: 88676

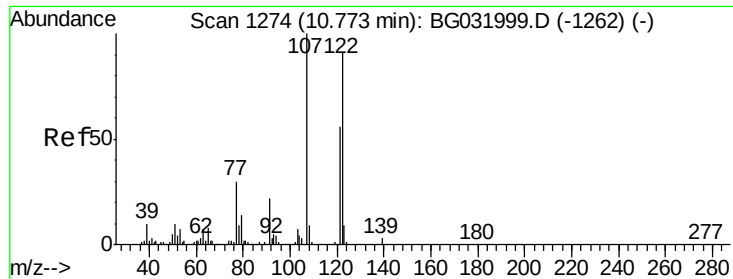
Ion Ratio Lower Upper

139 100

109 35.1 24.2 36.2

65 42.7 47.4 71.0#





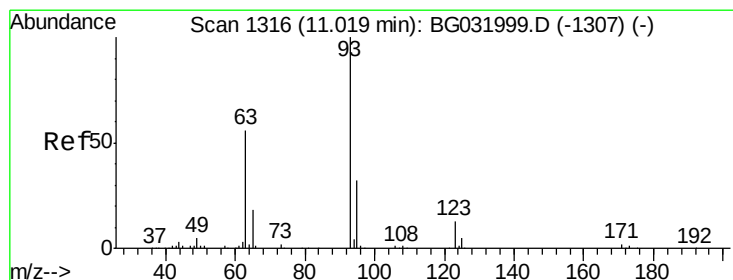
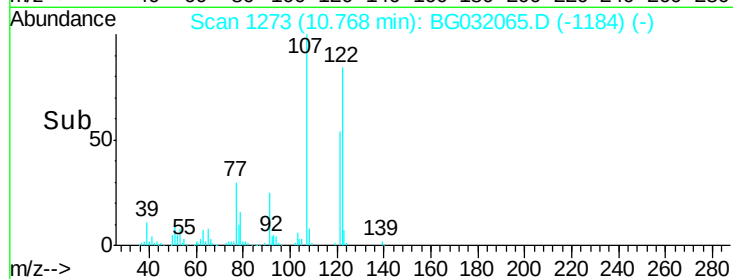
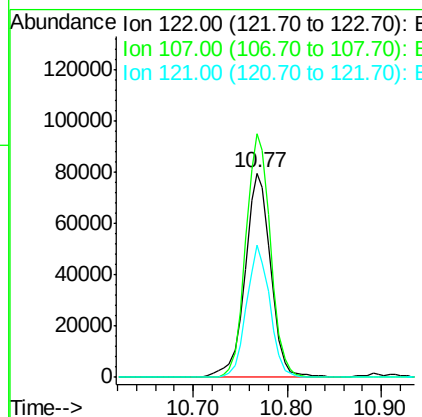
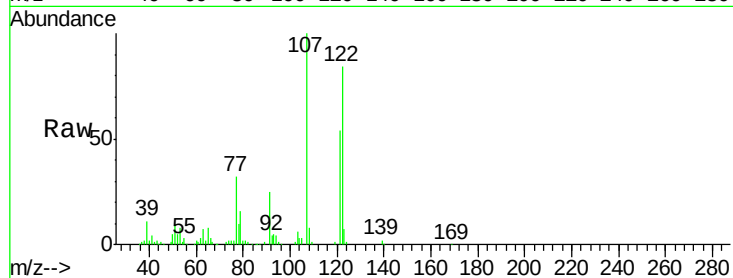
#27
 2,4-Dimethylphenol
 Concen: 53.334 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.1	100.2	150.2
121	64.4	44.4	66.6

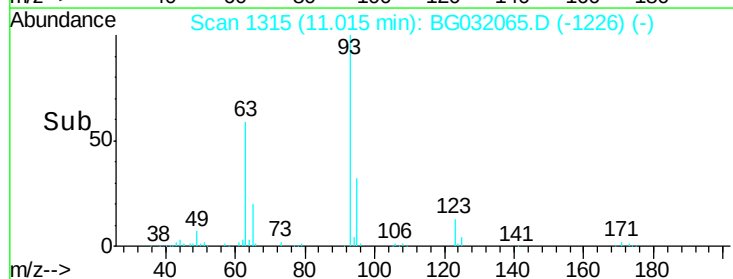
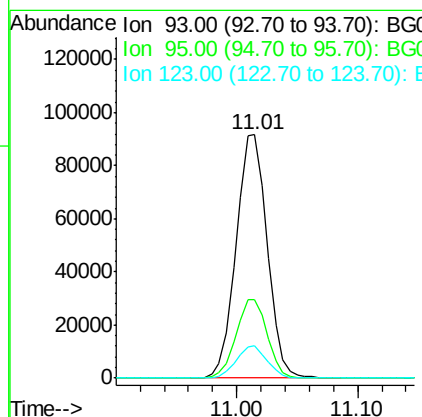
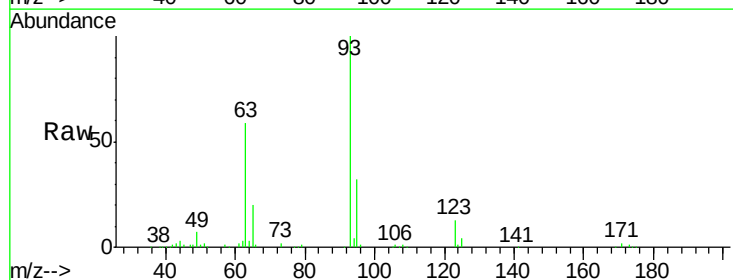
Manual Integrations
 APPROVED

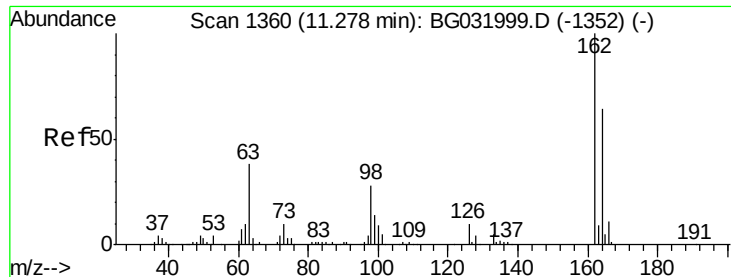
Sohil
 1/16/2018 5:00:16 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.834 ng
 RT: 11.01 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.3	36.5
123	13.4	8.4	12.6





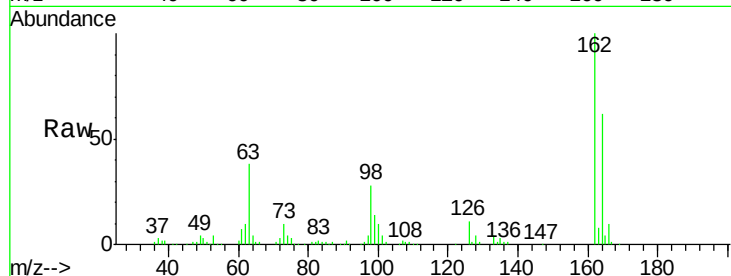
#29
 2,4-Dichlorophenol
 Concen: 51.749 ng
 RT: 11.28 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	179141		
164	62.5	48.0	88.0	
98	28.5	21.1	61.1	

Manual Integrations
 APPROVED

Sohil
 1/16/2018 5:00:16 PM

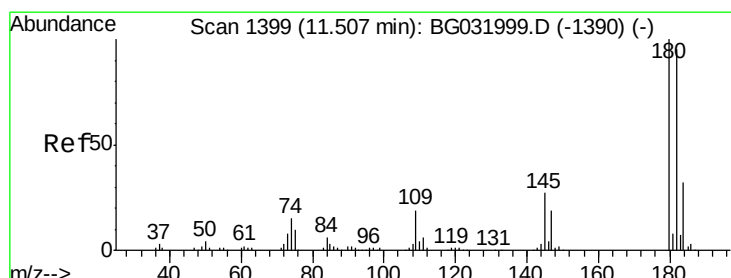
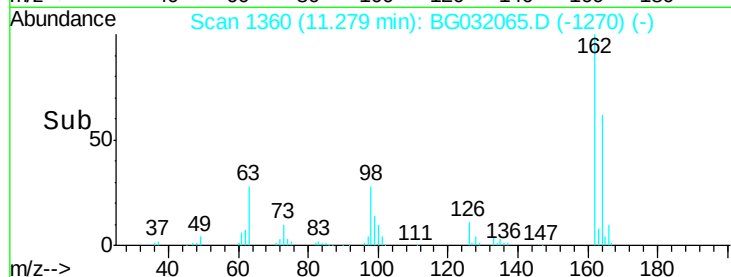
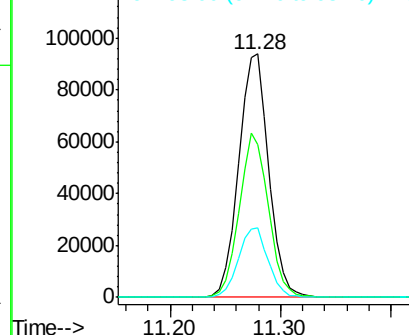


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 44.902 ng
 RT: 11.50 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

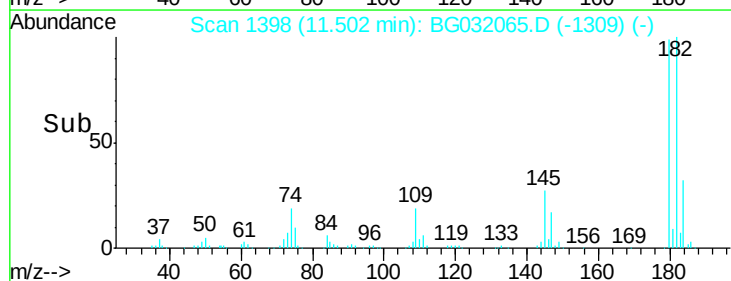
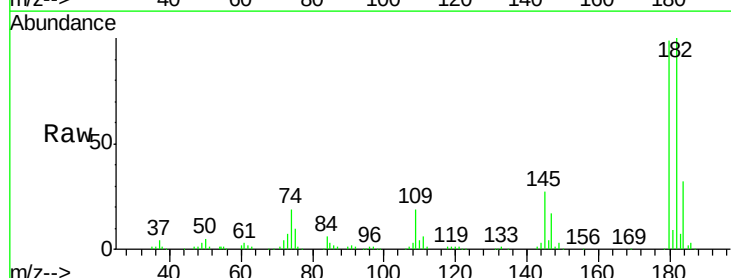
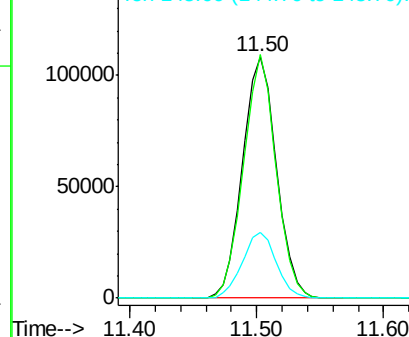
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	200746		
182	100.8	77.5	116.3	
145	27.2	23.4	35.2	

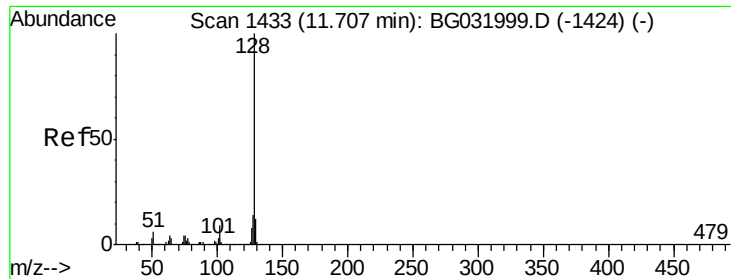
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





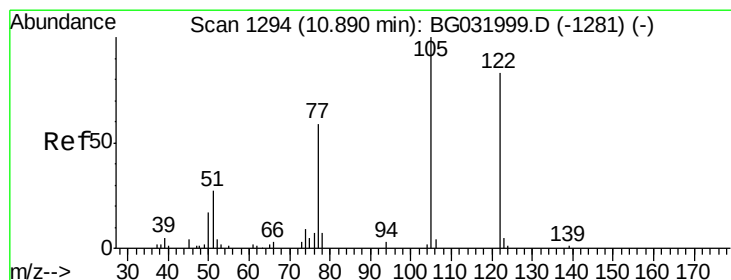
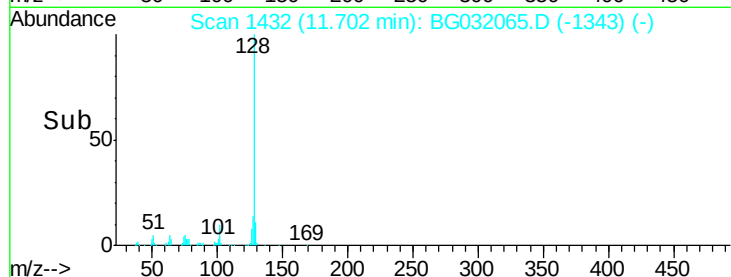
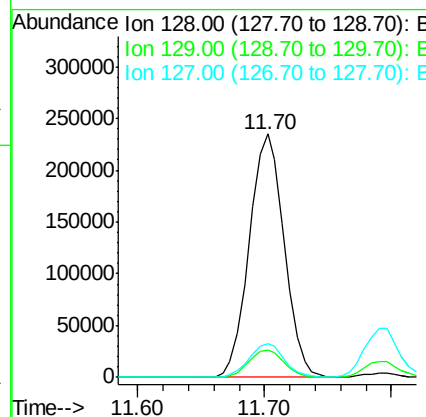
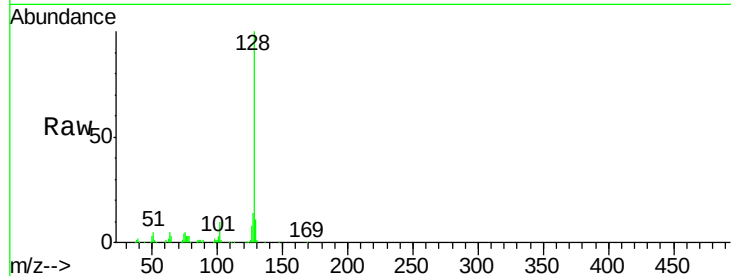
#31
Naphthalene
Concen: 44.731 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	14.1	11.6	17.4

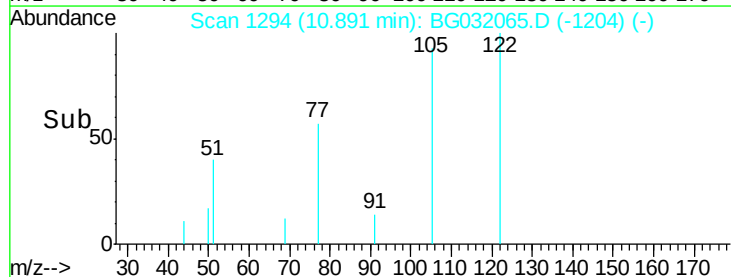
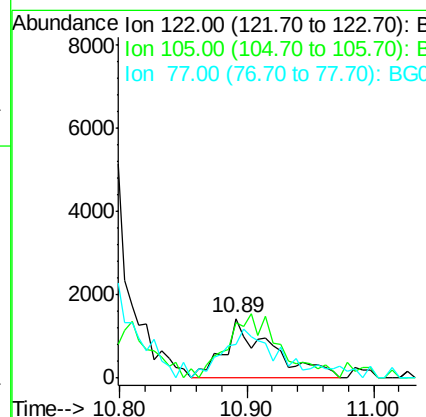
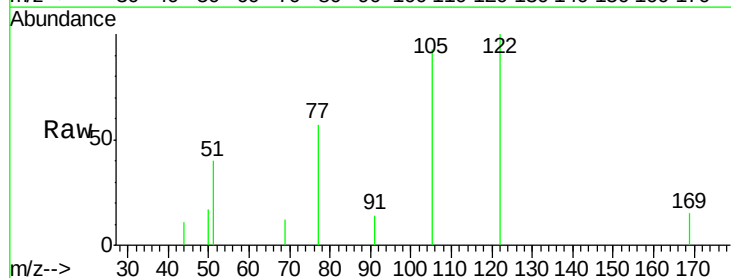
Manual Integrations
APPROVED

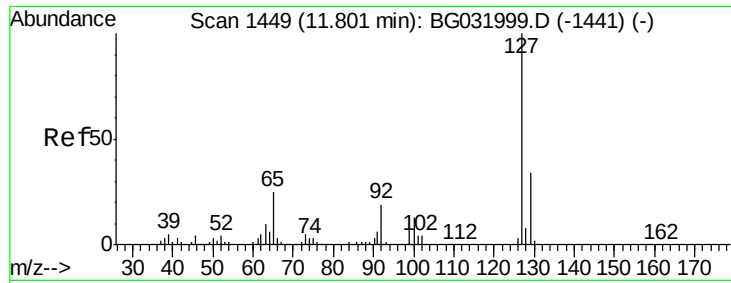
Sohil
1/16/2018 5:00:16 PM



#32
Benzoic acid
Concen: 6.731 ng m
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	93.3	123.5	163.5#
77	57.3	85.7	125.7#





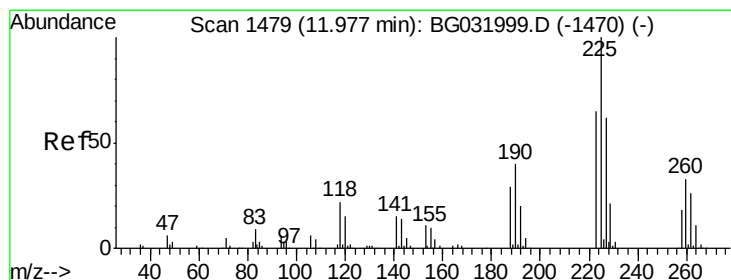
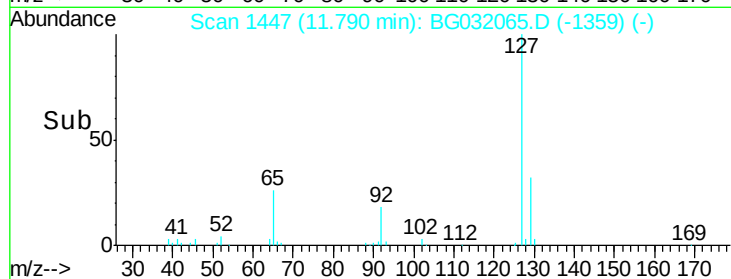
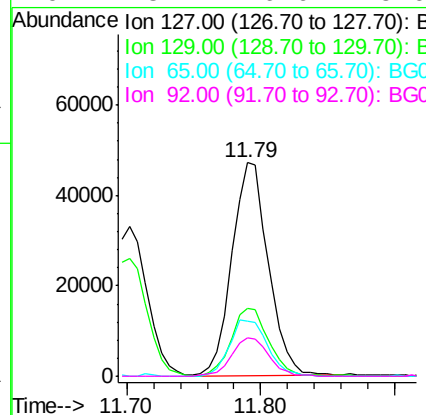
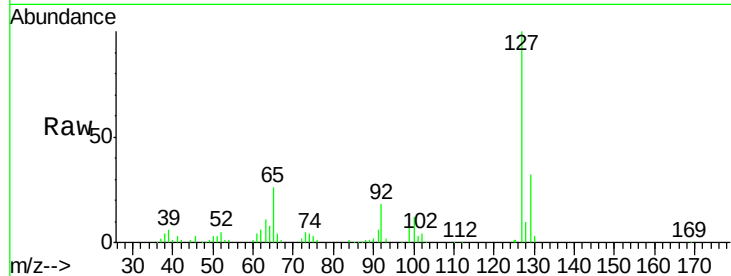
#33
4-Chloroaniline
Concen: 20.771 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	89542		
129	31.8	24.0	36.0	
65	25.7	27.0	40.4	
92	18.2	16.6	25.0	

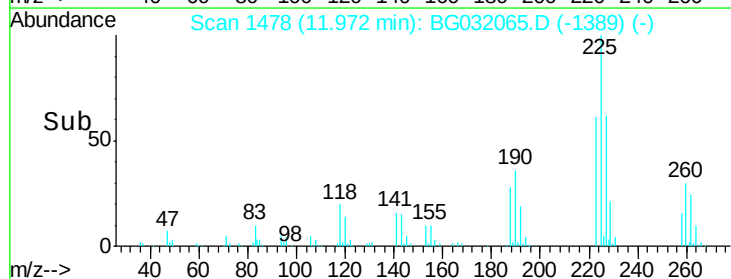
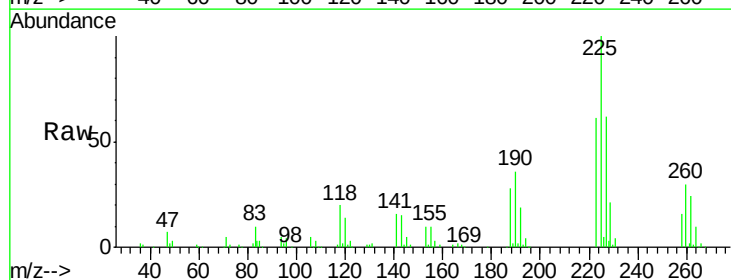
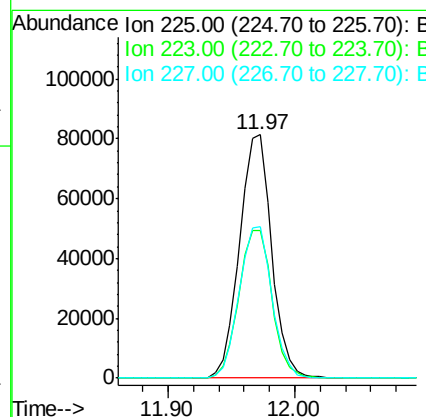
Manual Integrations
APPROVED

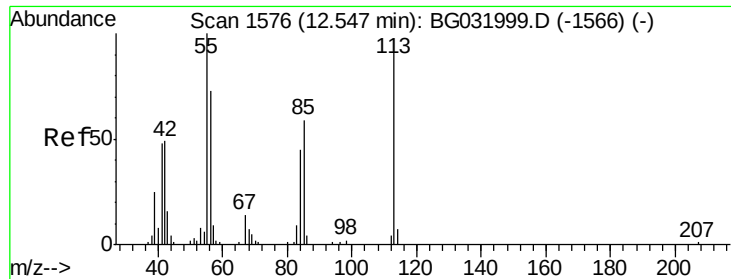
Sohil
1/16/2018 5:00:16 PM



#34
Hexachlorobutadiene
Concen: 44.344 ng
RT: 11.97 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142394		
223	60.6	49.7	74.5	
227	62.2	48.1	72.1	





#35

Caprolactam

Concen: 50.761 ng

RT: 12.53 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

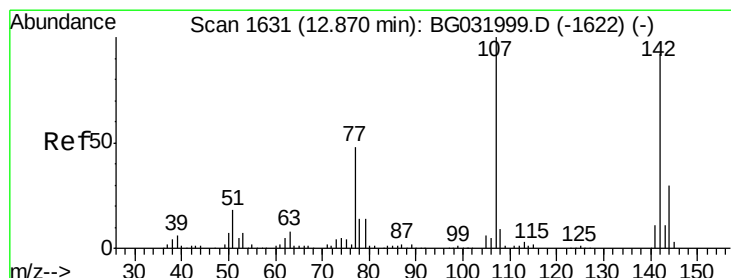
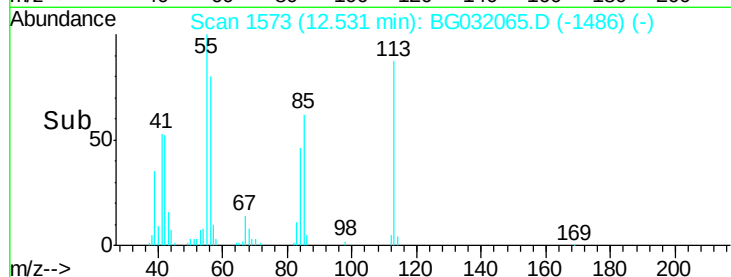
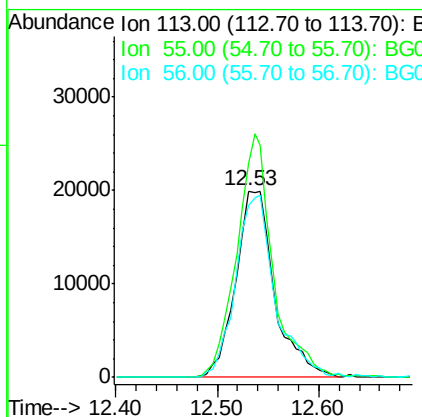
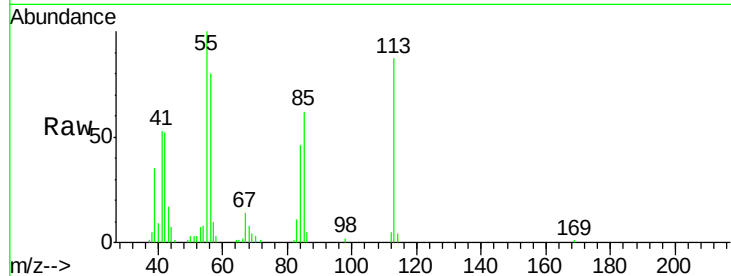
ClientSampleId :

B-4(20)MS

Tgt Ion:	113	Resp:	53310
Ion Ratio	Lower	Upper	
113	100		
55	115.0	186.9	226.9#
56	92.4	130.9	170.9#

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#36

4-Chloro-3-methylphenol

Concen: 51.649 ng

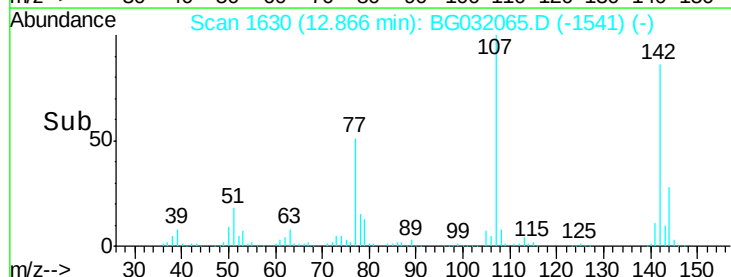
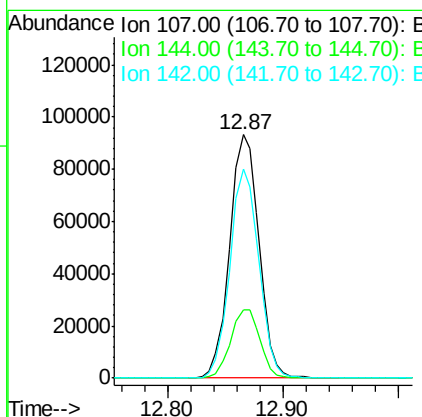
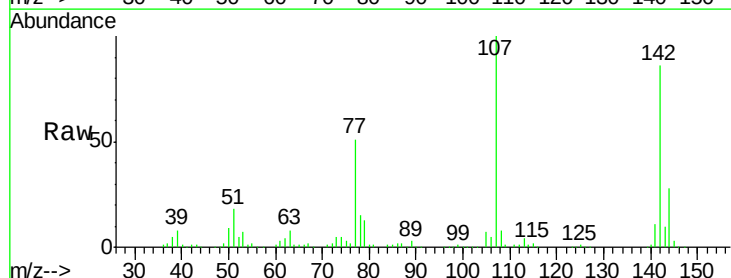
RT: 12.87 min Scan# 1630

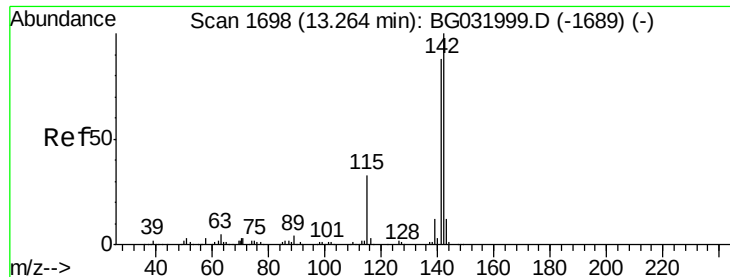
Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion:	107	Resp:	163654
Ion Ratio	Lower	Upper	
107	100		
144	28.3	18.2	27.4#
142	86.0	59.0	88.4





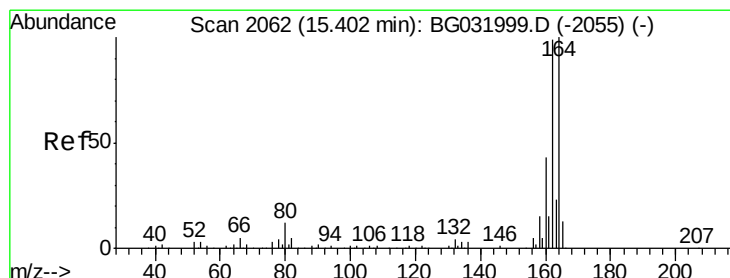
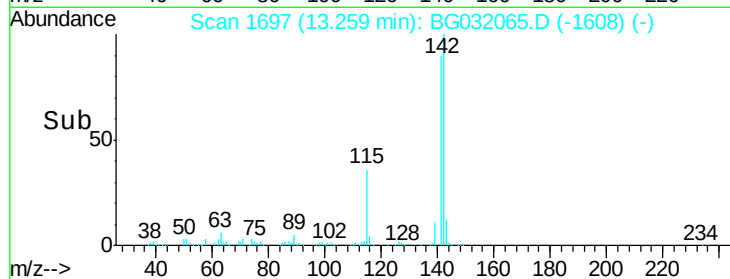
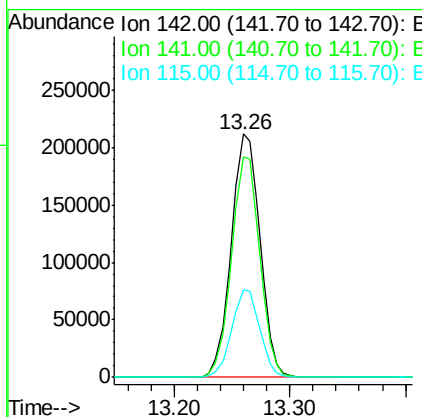
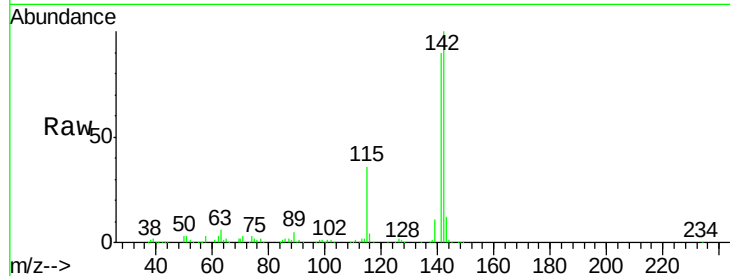
#37
2-Methylnaphthalene
Concen: 45.810 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	365621		
141	90.4	67.1	100.7	
115	35.8	30.7	46.1	

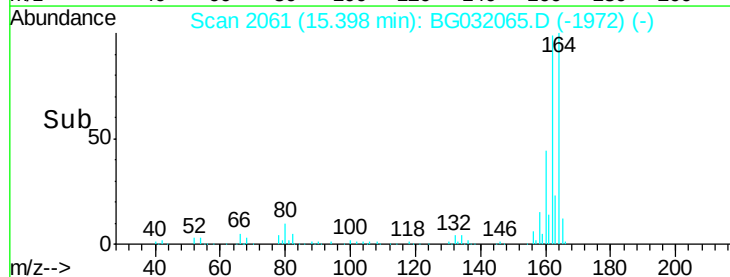
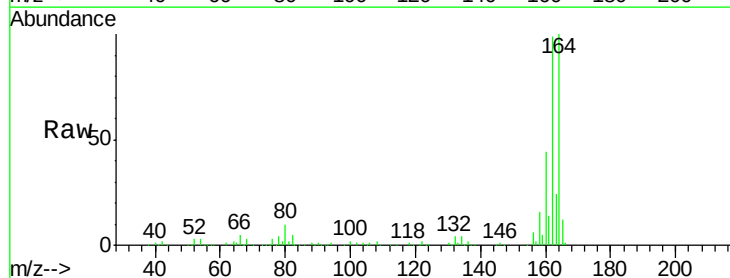
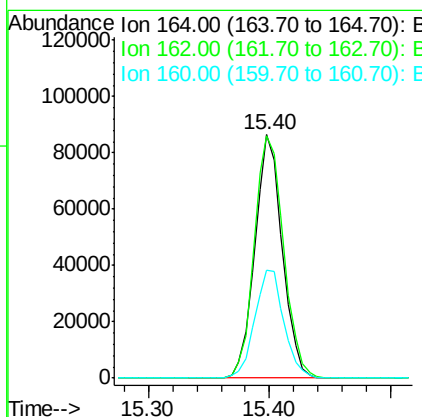
Manual Integrations
APPROVED

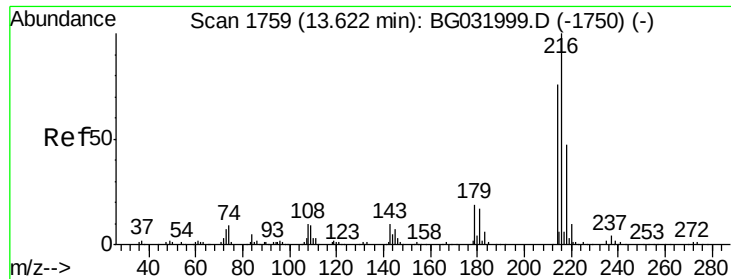
Sohil
1/16/2018 5:00:16 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136028		
162	99.4	78.8	118.2	
160	44.5	35.4	53.0	





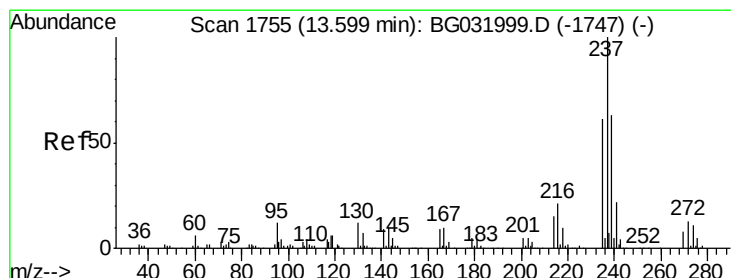
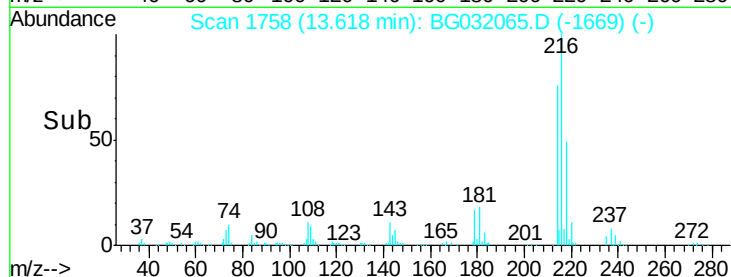
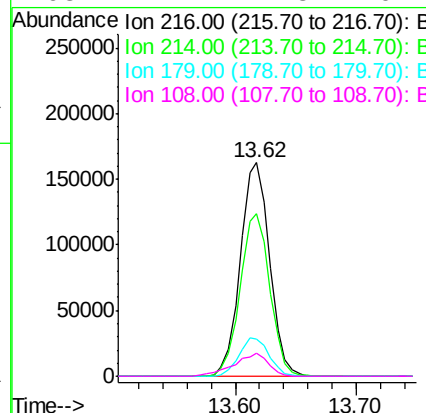
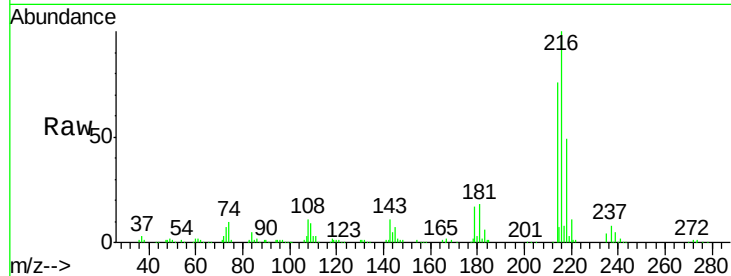
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.289 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampled :
 B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	274470		
214	76.7	63.0	94.4	
179	18.4	17.0	25.6	
108	12.7	12.8	19.2	

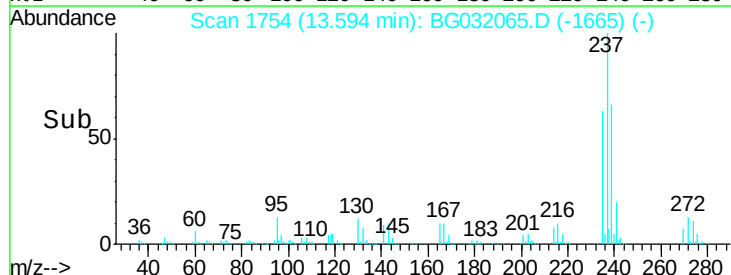
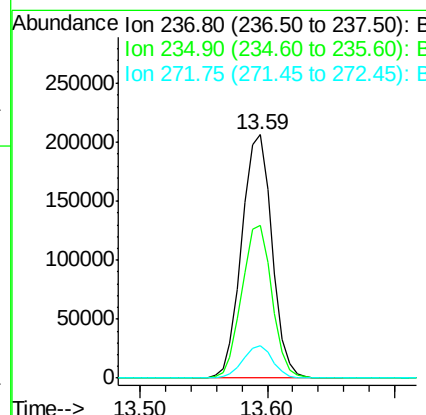
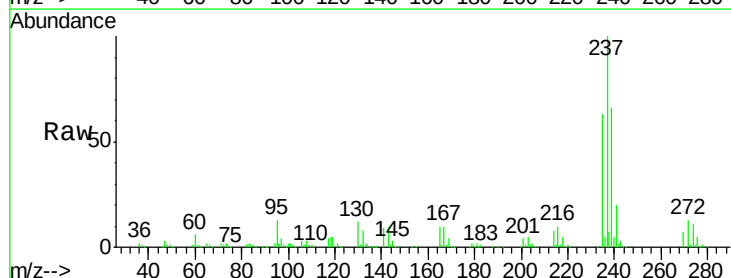
Manual Integrations
 APPROVED

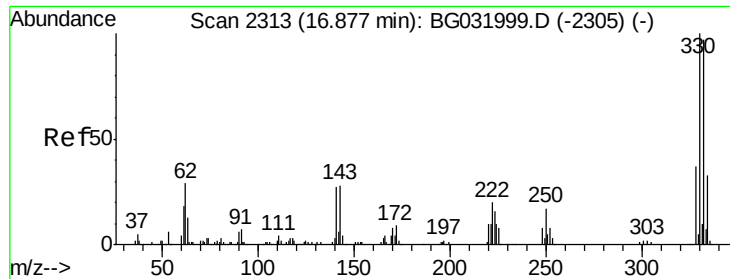
Sohil
 1/16/2018 5:00:16 PM



#40
 Hexachlorocyclopentadiene
 Concen: 102.406 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	342003		
235	62.5	50.4	90.4	
272	13.1	0.0	31.8	





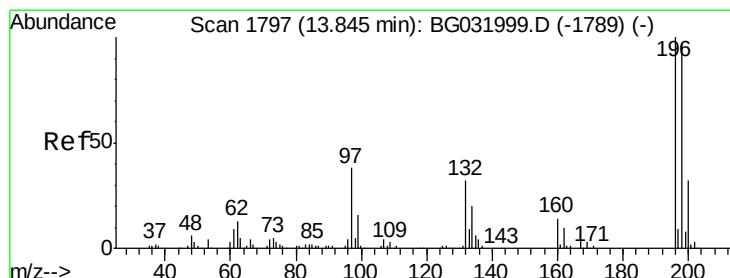
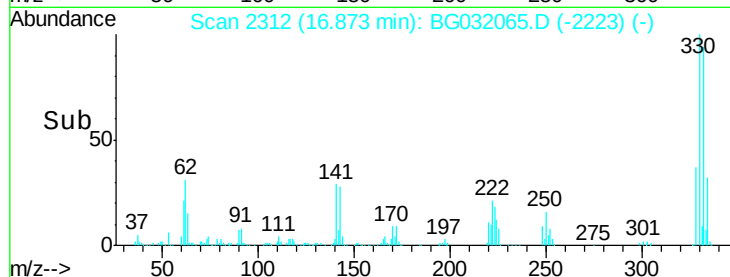
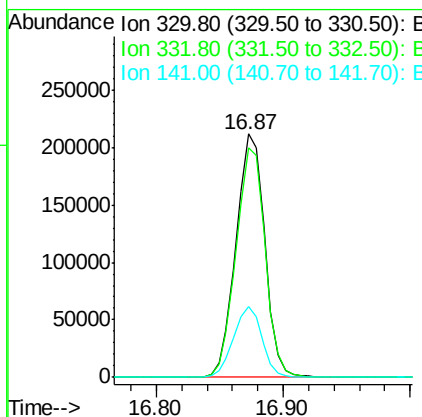
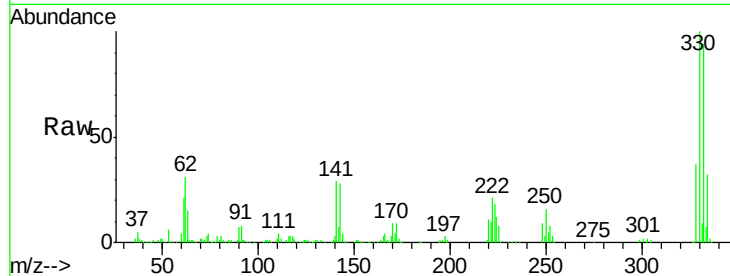
#41
 2,4,6-Tribromophenol
 Concen: 147.869 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampled :
 B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	332845		
332	95.5	77.0	115.6	
141	28.7	25.2	37.8	

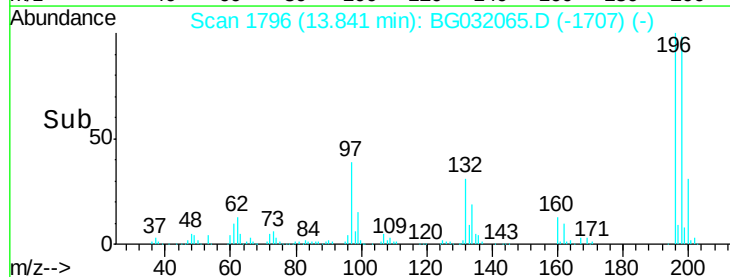
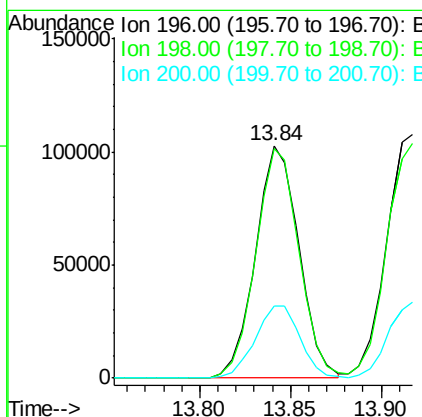
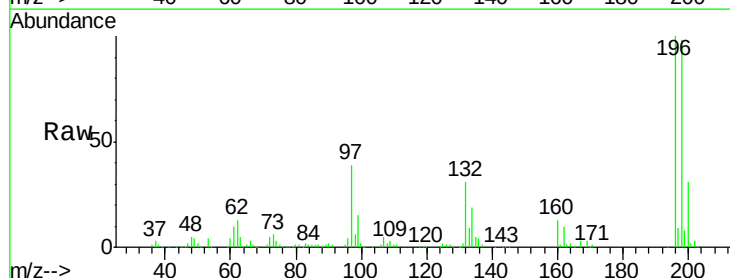
Manual Integrations
 APPROVED

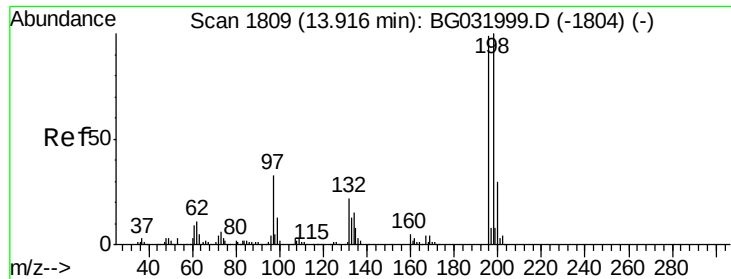
Sohil
 1/16/2018 5:00:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 51.184 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

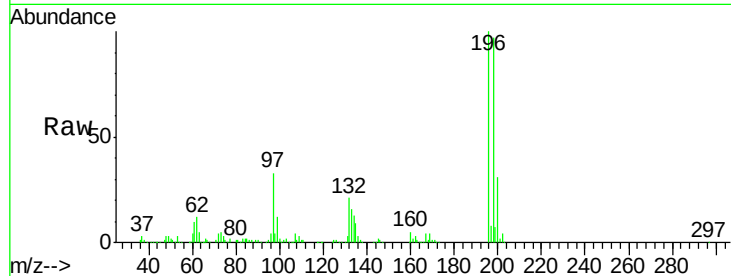
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170528		
198	98.4	78.2	117.2	
200	31.2	24.6	36.8	





#43
2,4,5-Trichlorophenol
Concen: 47.686 ng
RT: 13.92 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

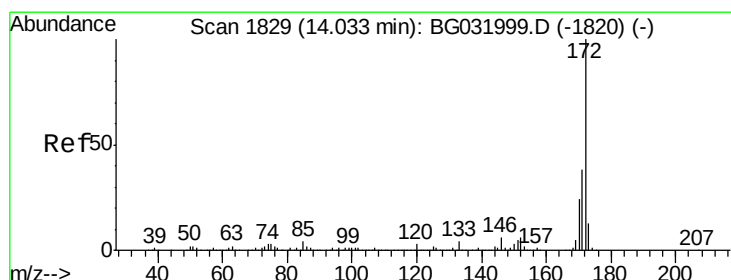
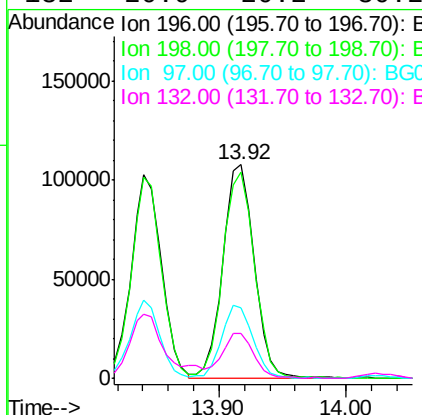
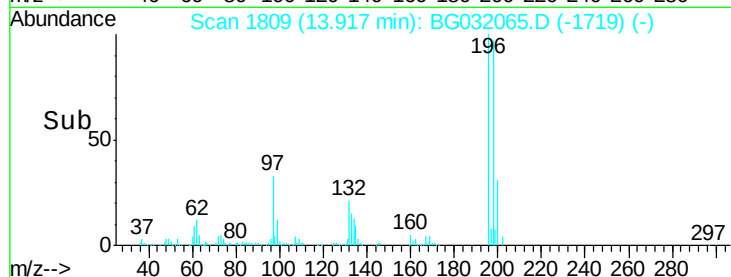
Instrument :
BNA_G
ClientSampleId :
B-4(20)MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183895		
198	96.6	76.2	114.4	
97	33.1	38.7	58.1	
132	20.9	20.2	30.2	

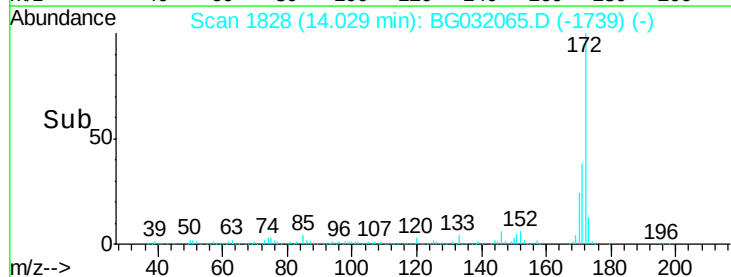
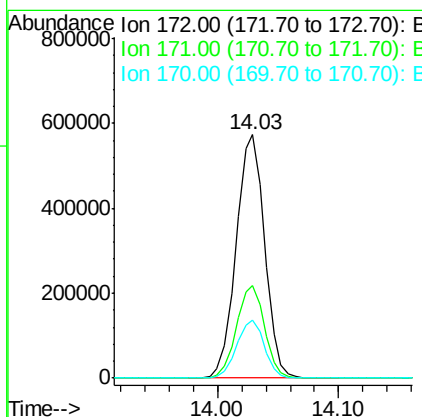
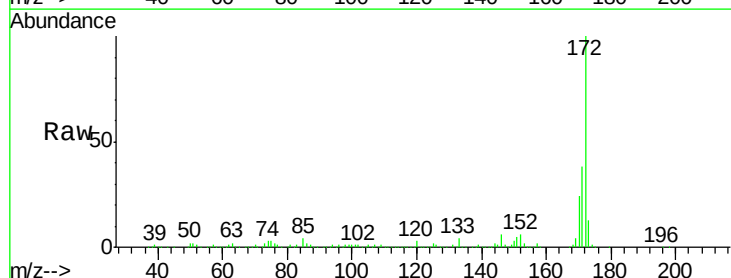
Manual Integrations
APPROVED

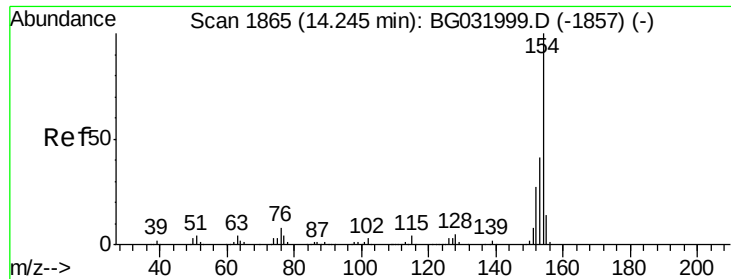
Sohil
1/16/2018 5:00:16 PM



#44
2-Fluorobiphenyl
Concen: 85.678 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	939928		
171	38.2	30.0	45.0	
170	23.6	19.5	29.3	





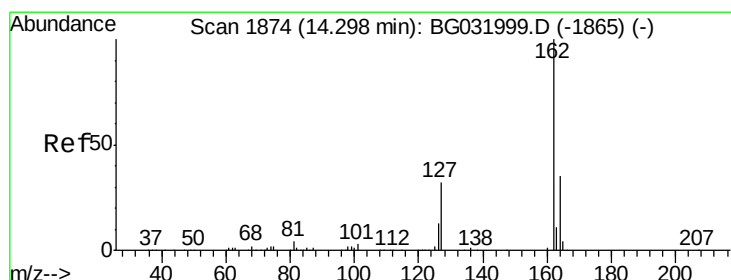
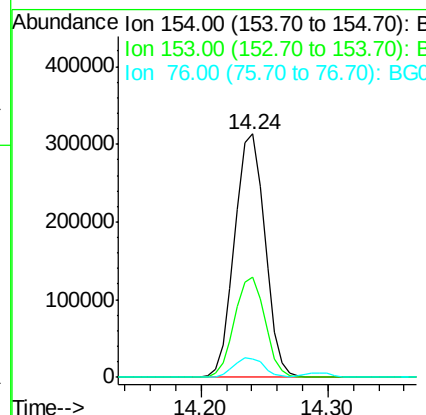
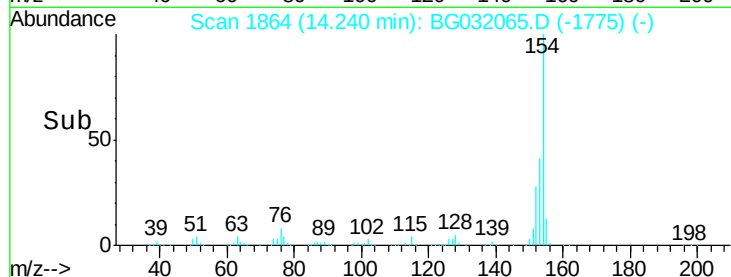
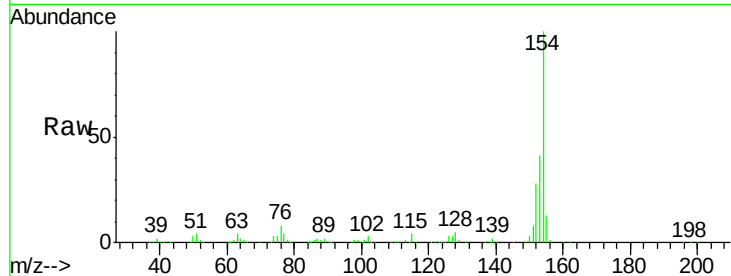
#45
 1,1'-Biphenyl
 Concen: 44.464 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	19.8	59.8	
76	7.6	0.0	31.9	

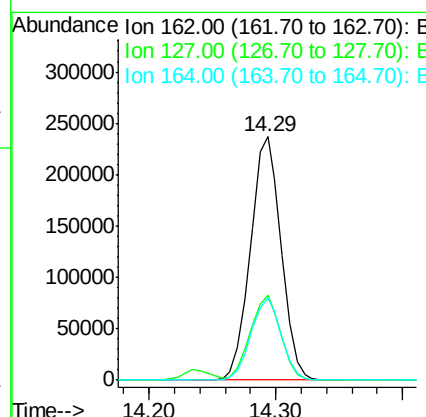
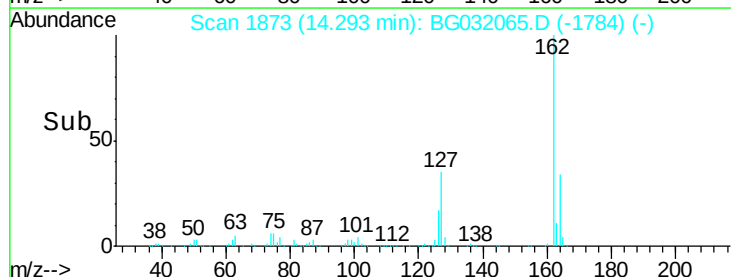
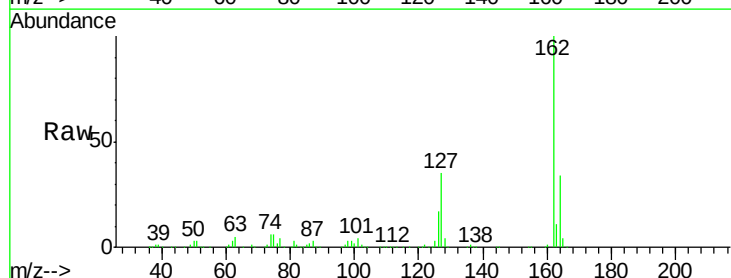
Manual Integrations
 APPROVED

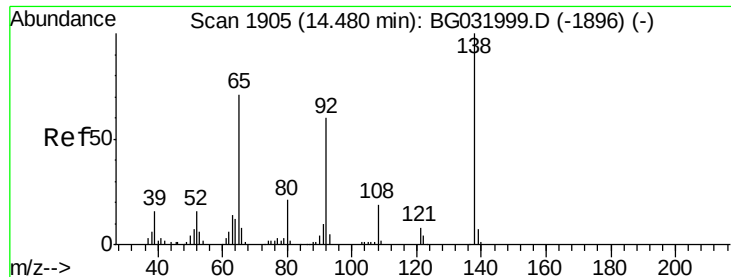
Sohil
 1/16/2018 5:00:16 PM



#46
 2-Chloronaphthalene
 Concen: 43.775 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	34.8	30.7	46.1	
164	33.9	26.0	39.0	





#47

2-Nitroaniline

Concen: 50.696 ng

RT: 14.48 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

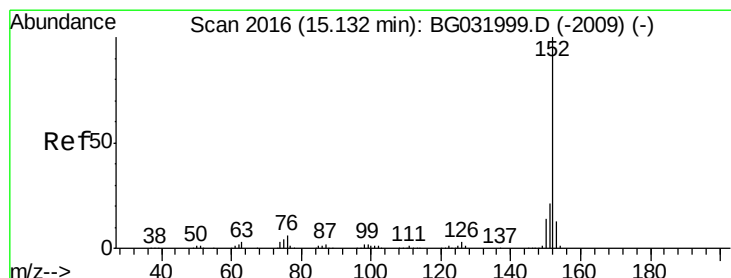
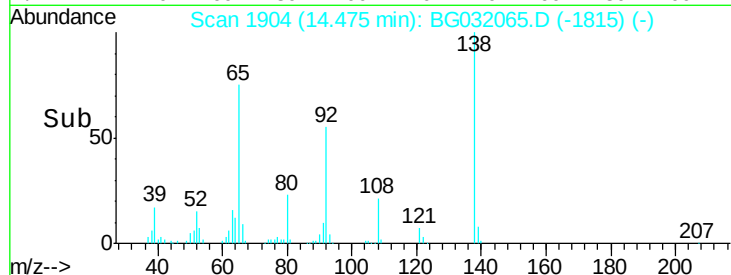
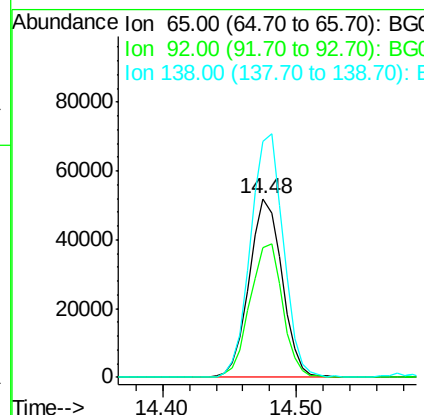
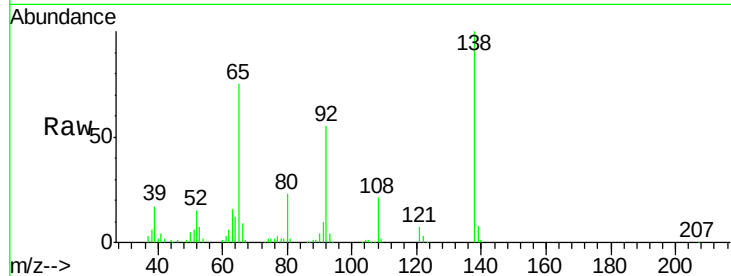
ClientSampleId :

B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.6	82.0
138	132.6	72.9	109.3

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#48

Acenaphthylene

Concen: 42.462 ng

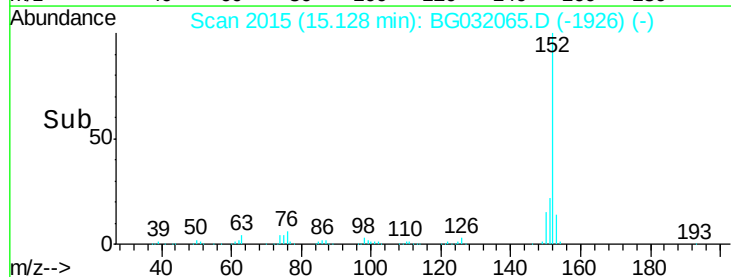
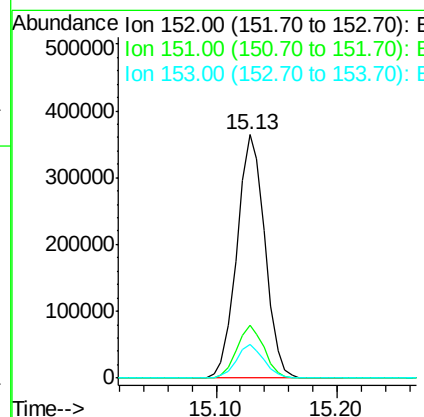
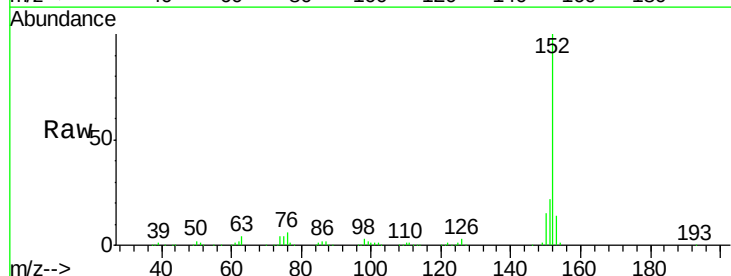
RT: 15.13 min Scan# 2015

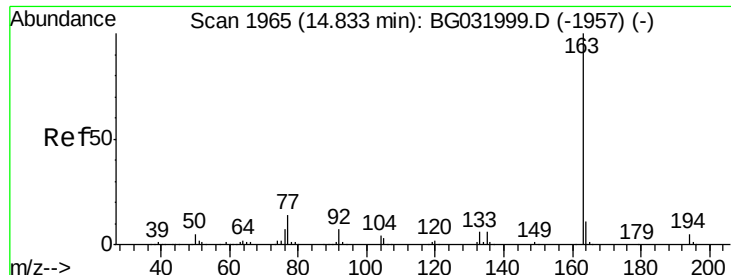
Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.0	10.2	15.4





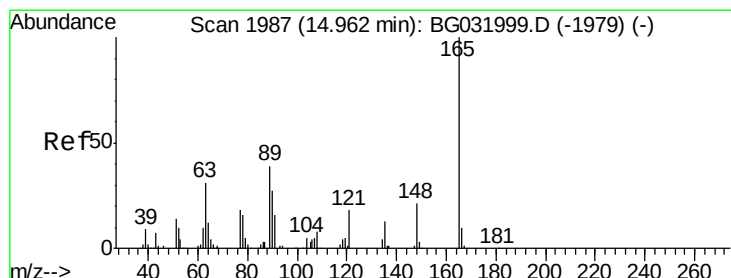
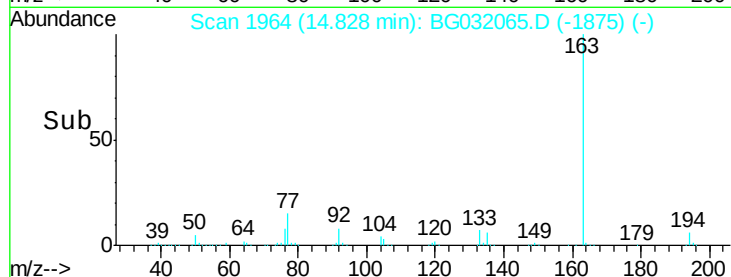
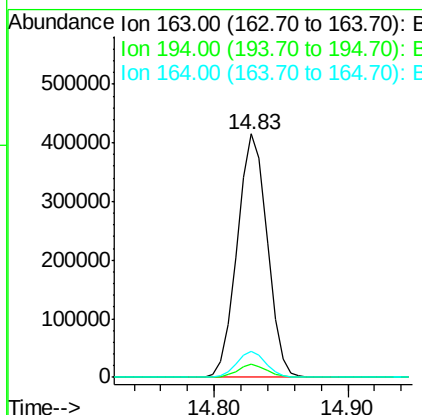
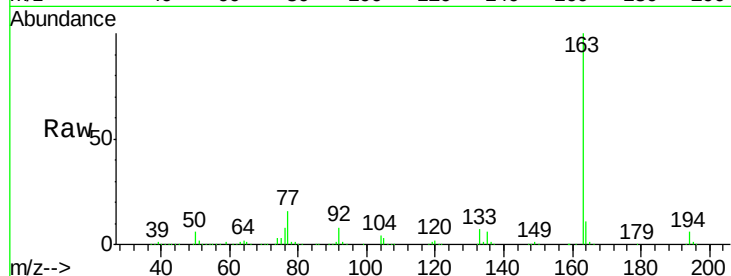
#49
Dimethylphthalate
Concen: 54.279 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampled :
B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	646110		
194	5.5	3.4	5.2#	
164	10.8	8.2	12.4	

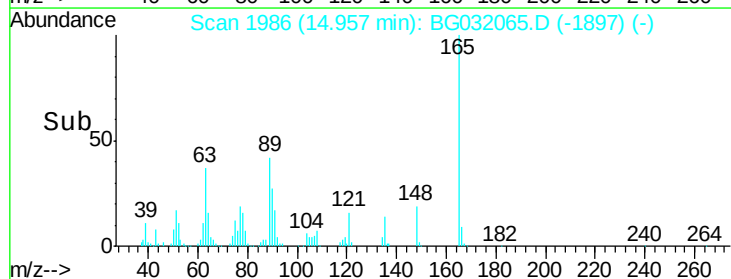
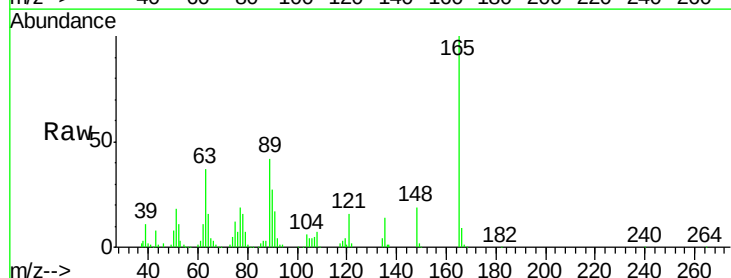
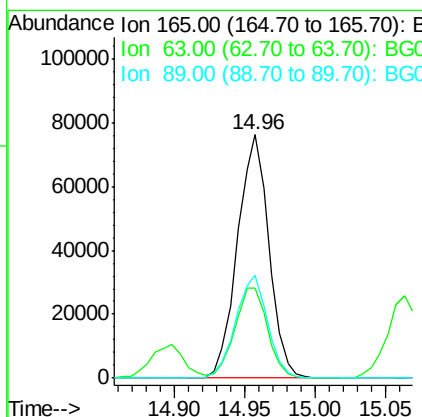
Manual Integrations
APPROVED

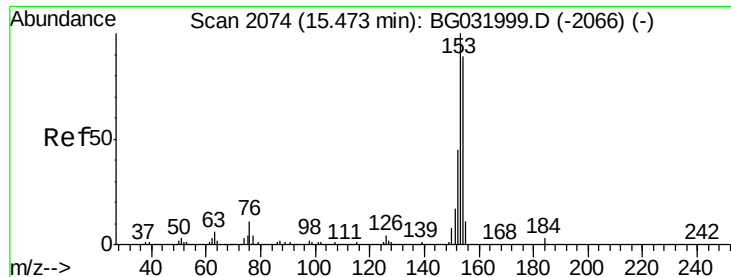
Sohil
1/16/2018 5:00:16 PM



#50
2,6-Dinitrotoluene
Concen: 47.938 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118445		
63	37.0	52.7	79.1#	
89	42.3	49.2	73.8#	





#51

Acenaphthene

Concen: 44.368 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

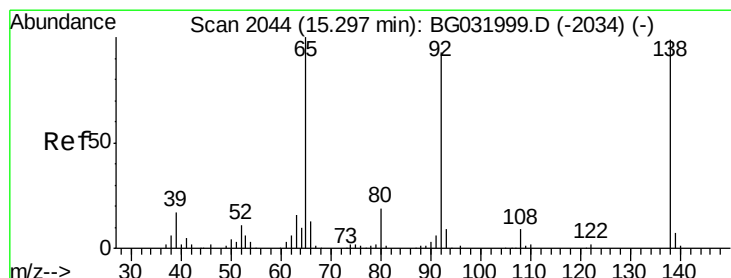
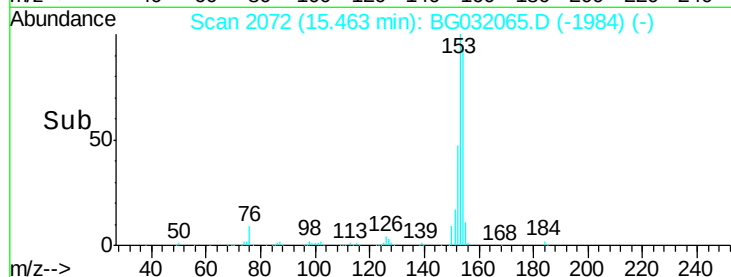
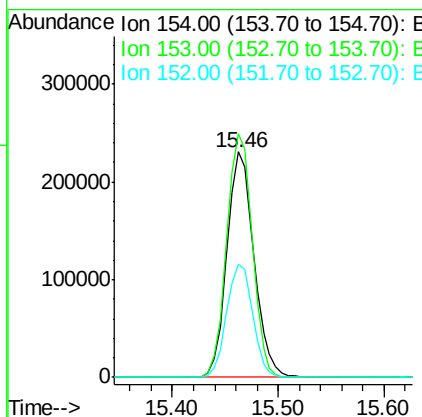
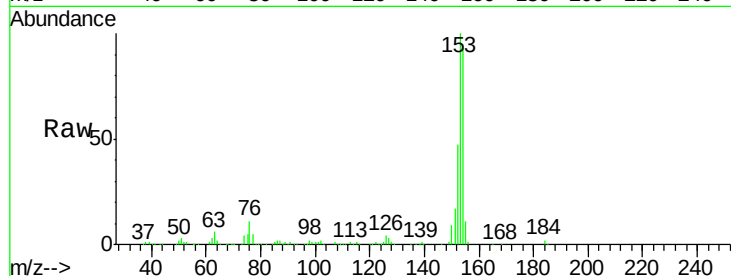
ClientSampleId :

B-4(20)MS

Tgt	Ion	154	Resp:	405285
	Ratio	Lower	Upper	
154	100			
153	108.0	90.4	135.6	
152	50.4	41.6	62.4	

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#52

3-Nitroaniline

Concen: 26.411 ng

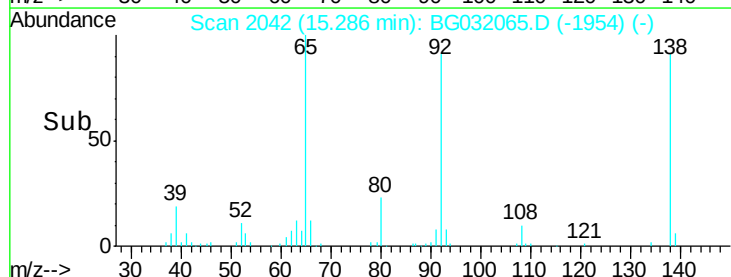
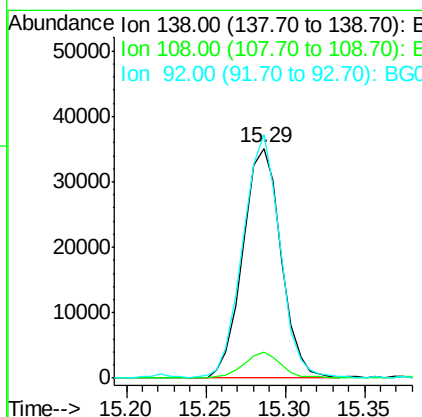
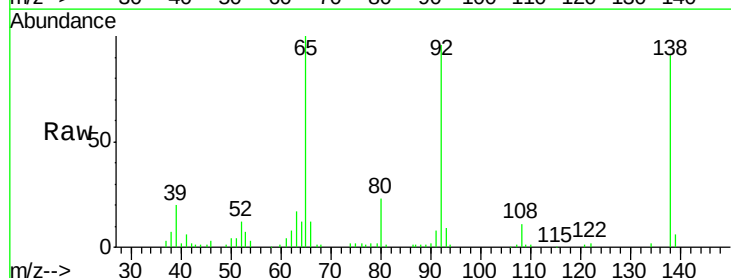
RT: 15.29 min Scan# 2042

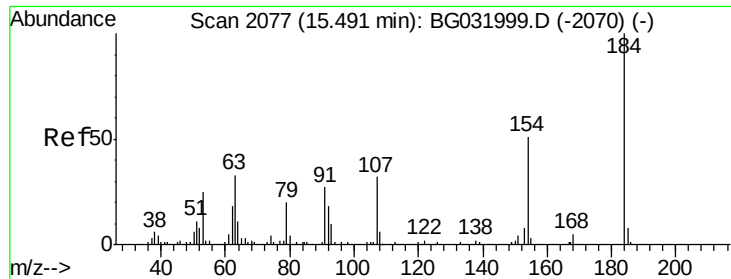
Delta R.T. -0.01 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt	Ion	138	Resp:	58938
	Ratio	Lower	Upper	
138	100			
108	11.6	17.5	26.3#	
92	106.0	105.8	158.8	





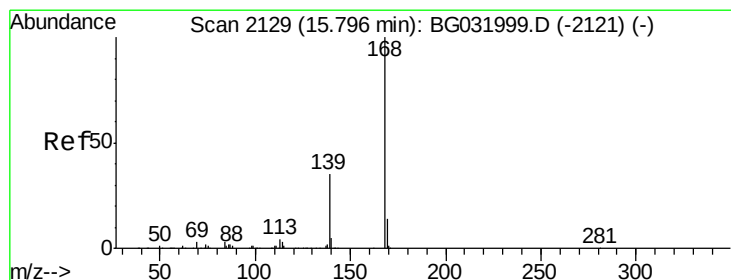
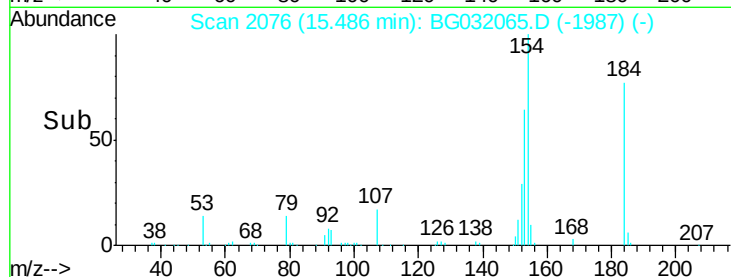
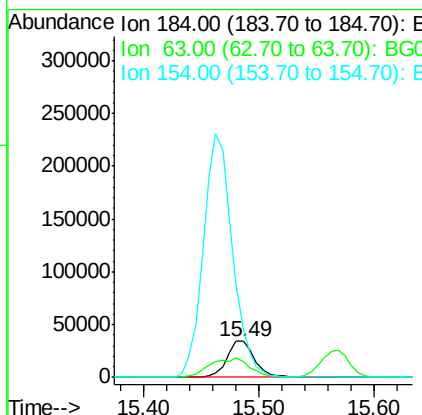
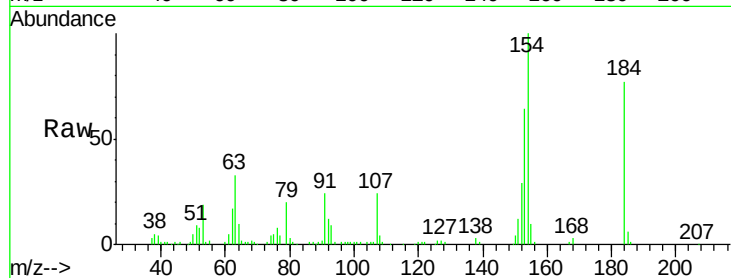
#53
 2,4-Dinitrophenol
 Concen: 49.367 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion:184 Resp: 57567
 Ion Ratio Lower Upper
 184 100
 63 43.6 59.8 89.8#
 154 130.7 101.8 152.8

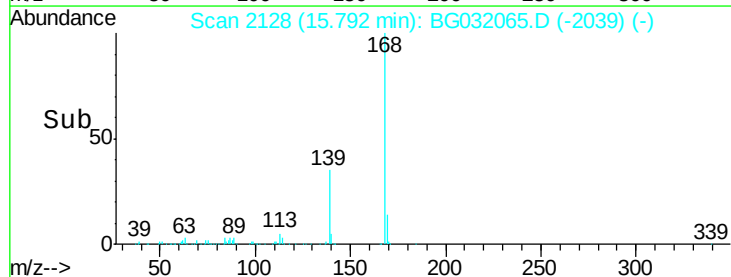
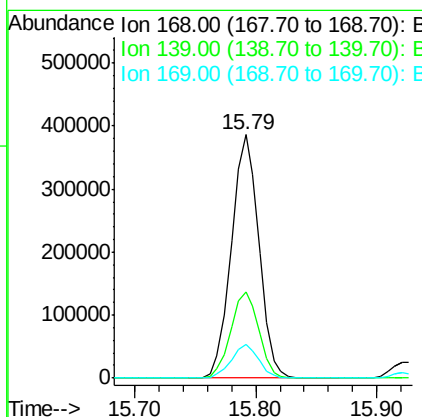
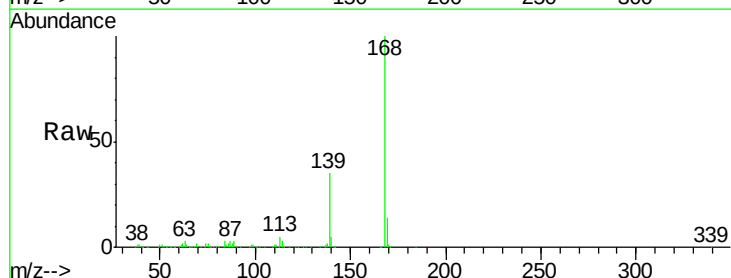
Manual Integrations
 APPROVED

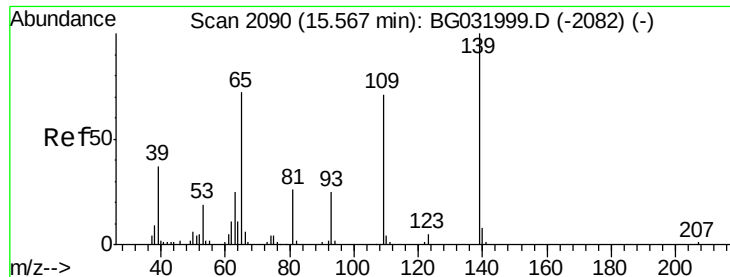
Sohil
 1/16/2018 5:00:16 PM



#54
 Dibenzofuran
 Concen: 44.853 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion:168 Resp: 611203
 Ion Ratio Lower Upper
 168 100
 139 35.4 28.6 43.0
 169 13.9 11.2 16.8





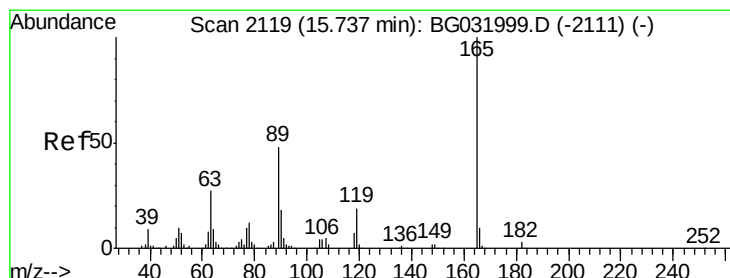
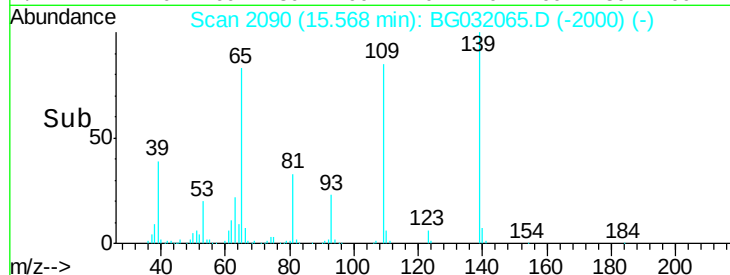
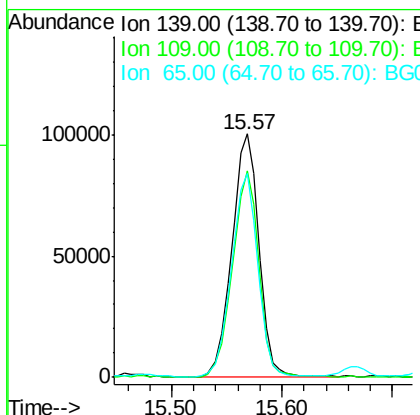
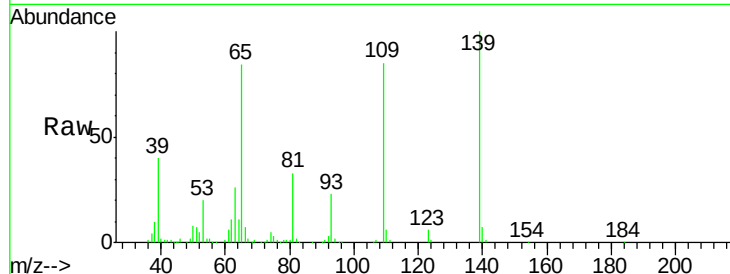
#55
4-Nitrophenol
Concen: 106.424 ng
RT: 15.57 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173076		
109	84.6	62.2	102.2	
65	83.6	97.2	137.2	

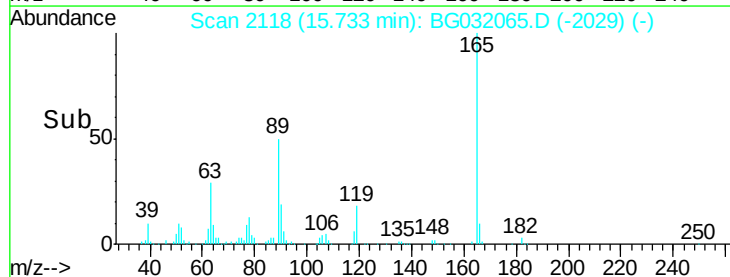
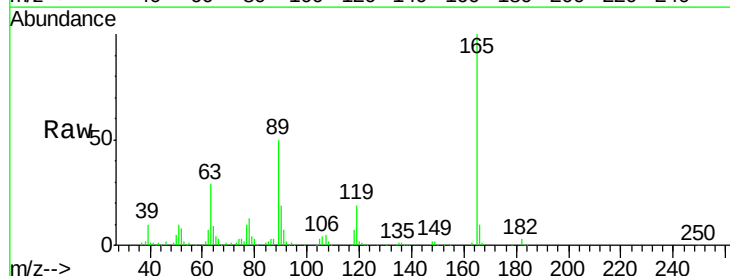
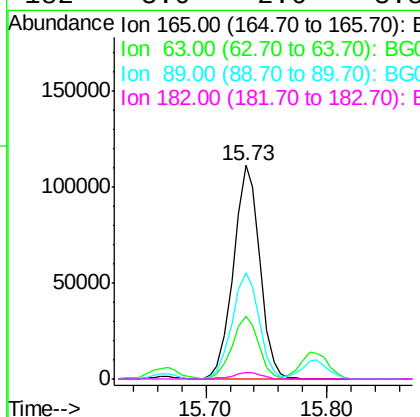
Manual Integrations
APPROVED

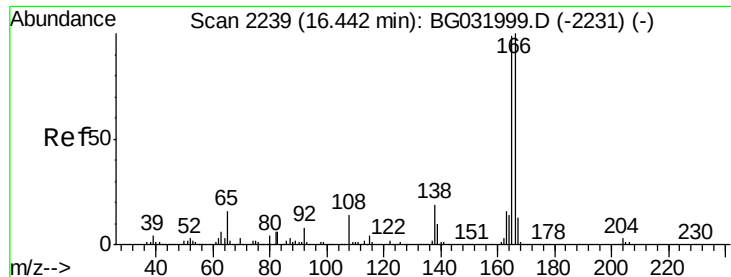
Sohil
1/16/2018 5:00:16 PM



#56
2,4-Dinitrotoluene
Concen: 50.630 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168418		
63	29.5	42.0	63.0	
89	49.9	66.9	100.3	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 44.738 ng

RT: 16.44 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

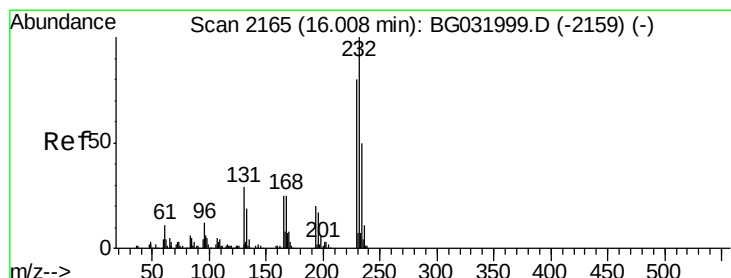
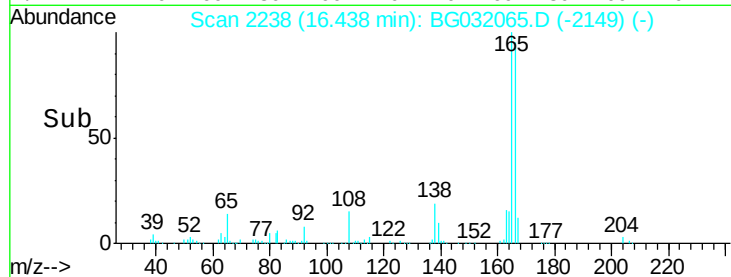
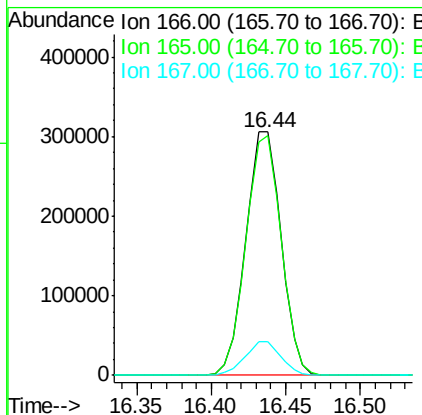
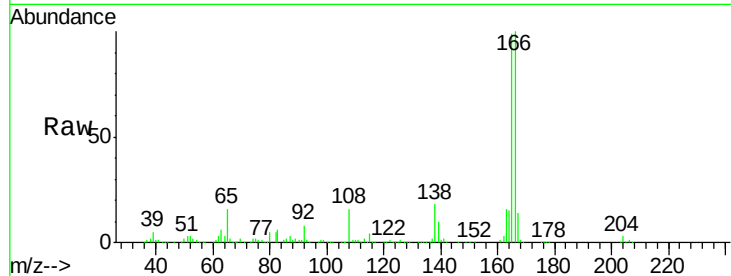
ClientSampleId :

B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	499993		
165	98.7	80.6	121.0	
167	13.9	10.4	15.6	

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.835 ng

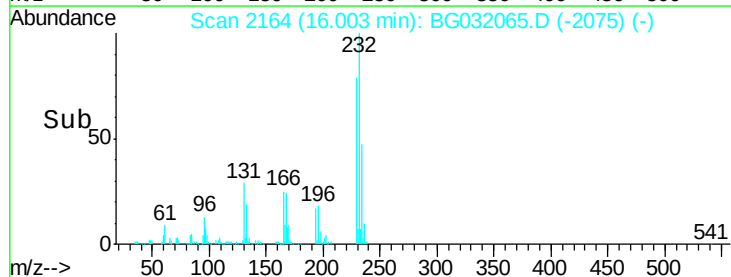
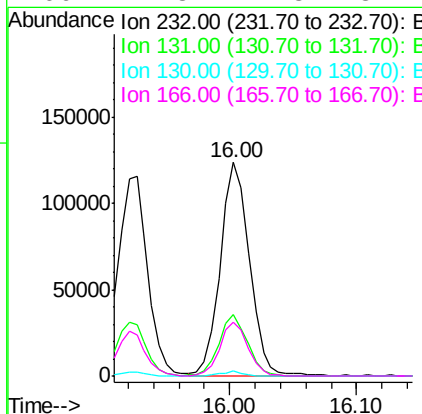
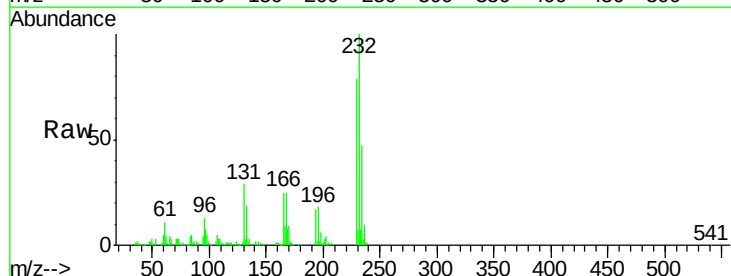
RT: 16.00 min Scan# 2164

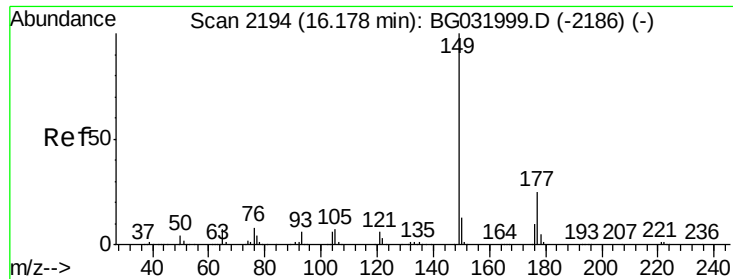
Delta R.T. -0.00 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	195622		
131	27.8	33.5	50.3#	
130	1.7	2.2	3.2#	
166	24.8	24.8	37.2#	





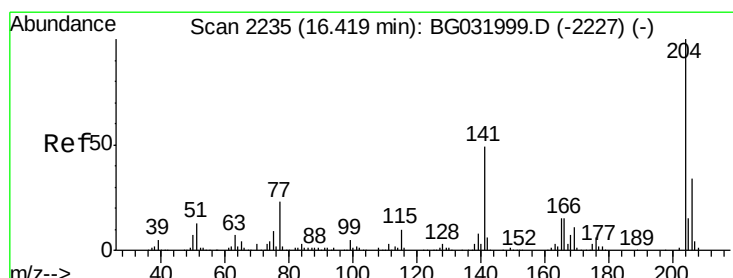
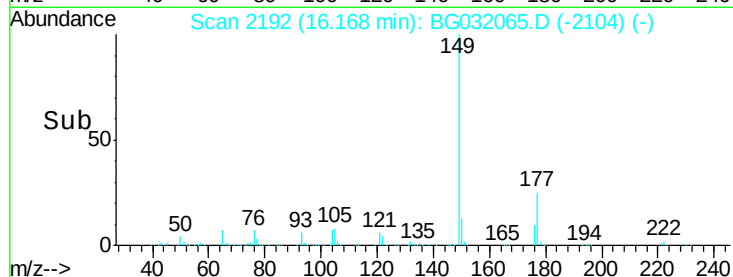
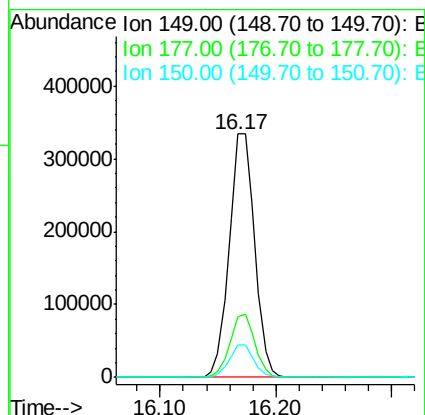
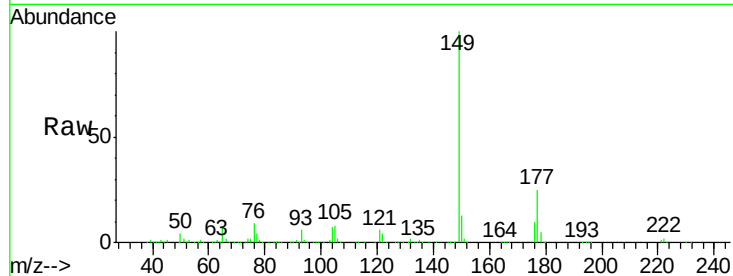
#59
Diethylphthalate
Concen: 44.014 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	507924		
177	24.9	18.5	27.7	
150	13.2	10.2	15.2	

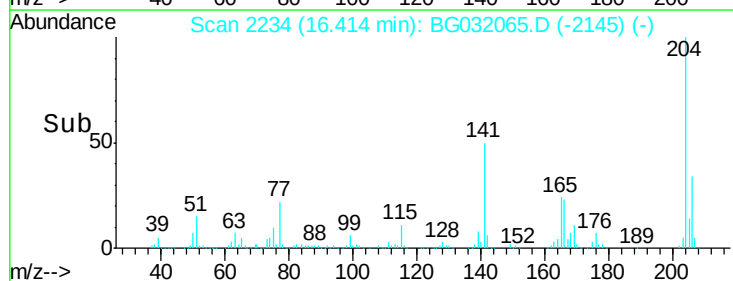
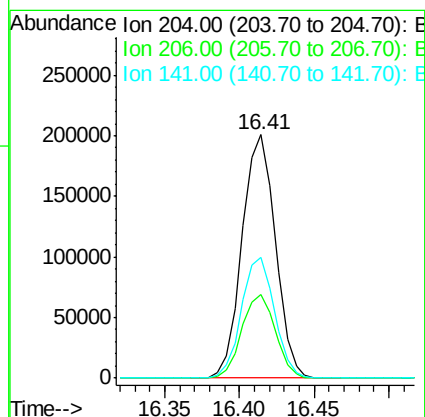
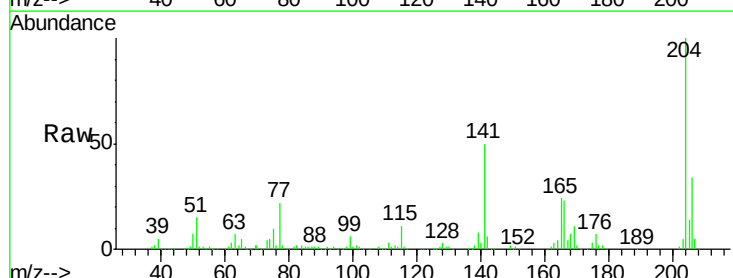
Manual Integrations
APPROVED

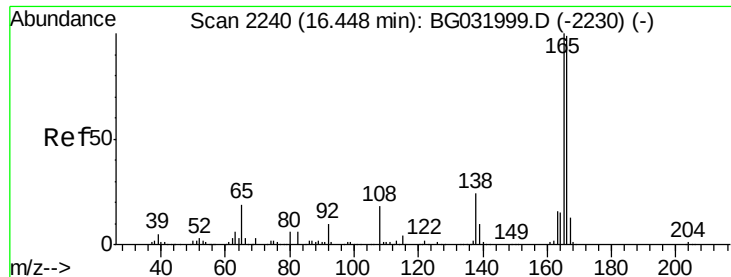
Sohil
1/16/2018 5:00:16 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.307 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	310613		
206	34.3	26.2	39.2	
141	49.6	45.8	68.6	





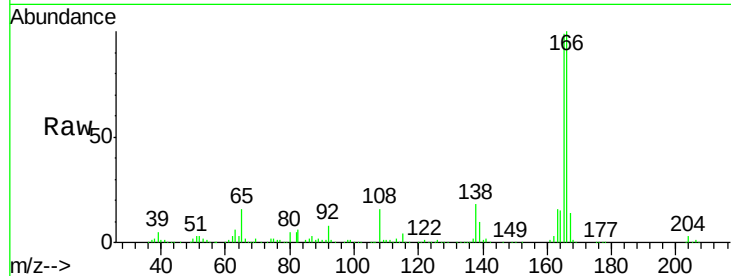
#61
4-Nitroaniline
Concen: 46.115 ng
RT: 16.44 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

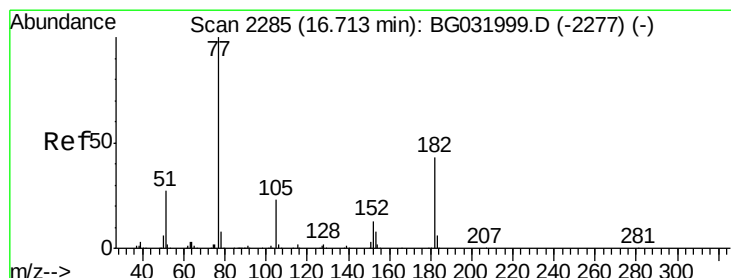
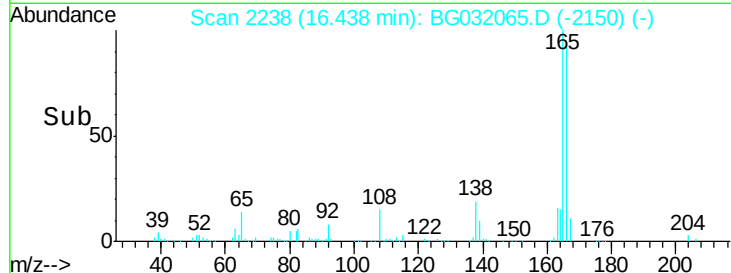
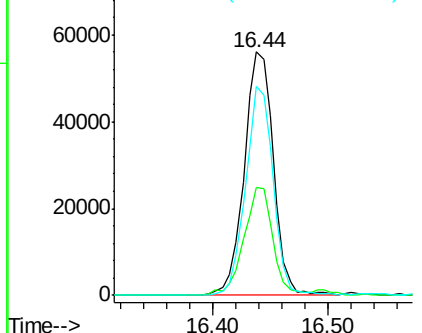
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	98717		
92	44.3	40.1	80.1	
108	85.8	65.4	105.4	

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



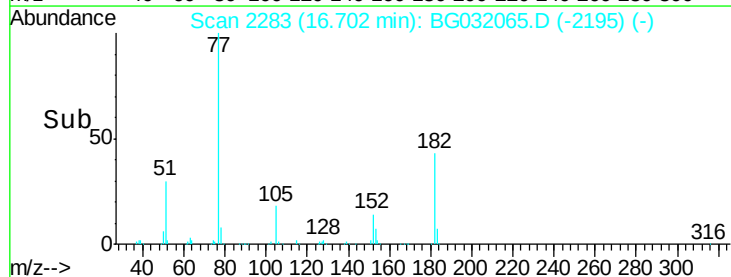
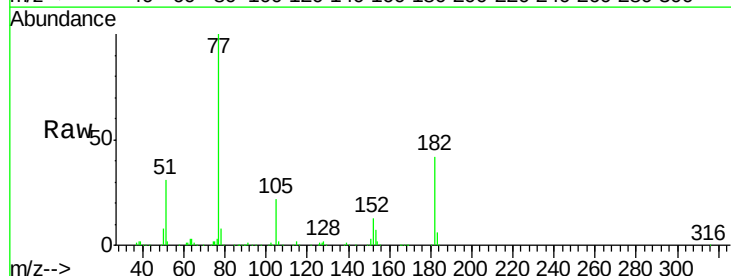
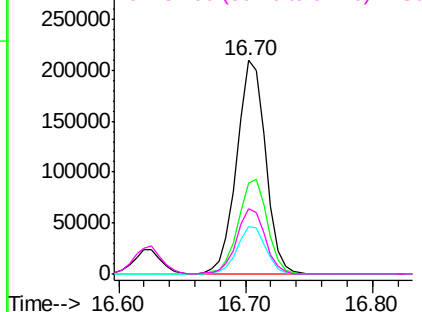
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

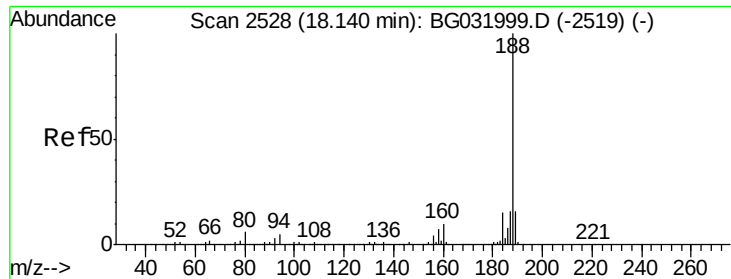


#62
Azobenzene
Concen: 45.603 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	329385		
182	42.5	7.4	47.4	
105	22.3	0.3	40.3	
51	30.6	11.6	51.6	

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





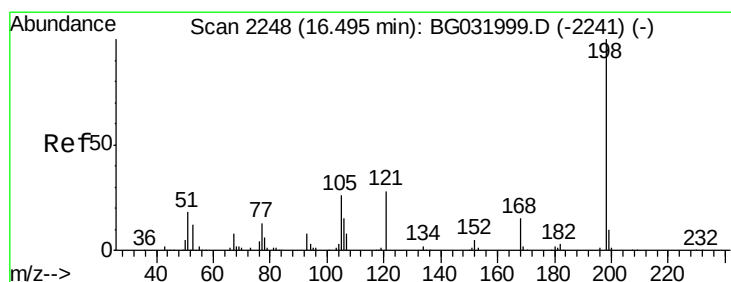
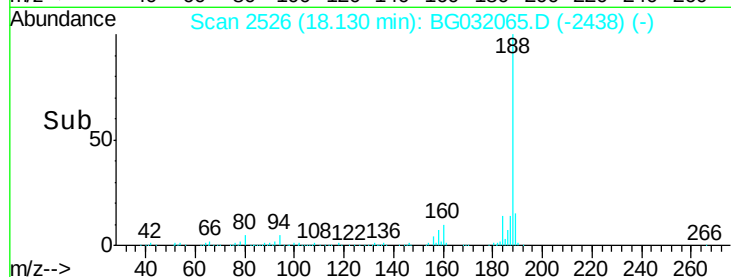
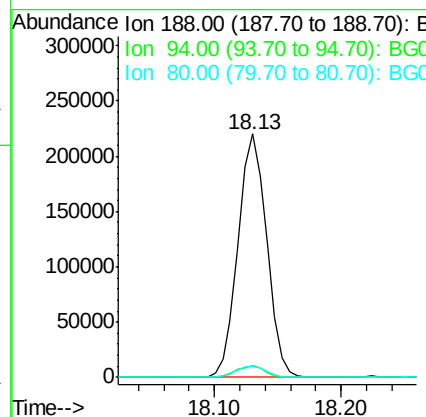
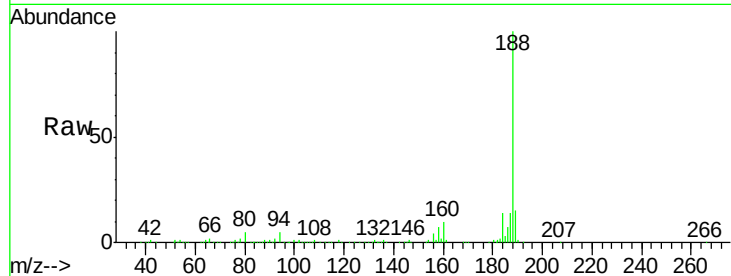
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.7	6.9	10.3#
80	4.6	7.7	11.5#

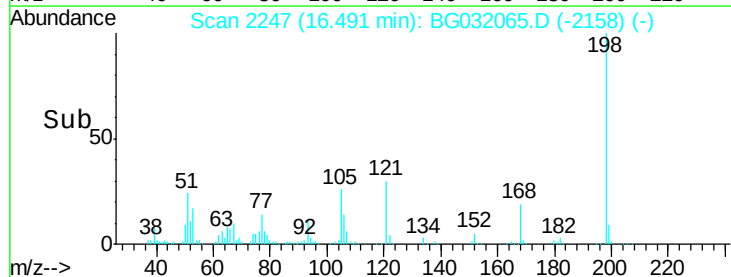
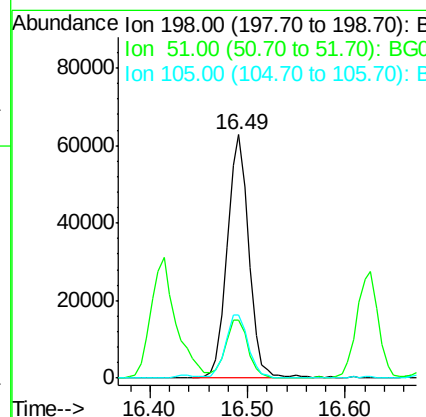
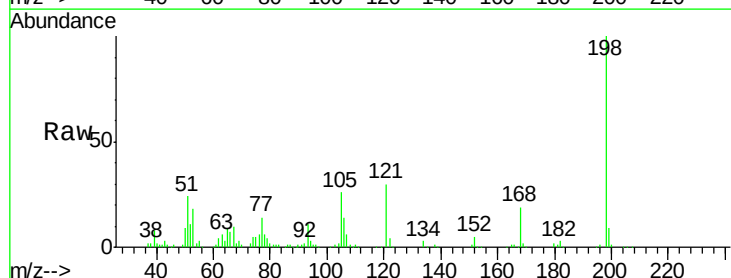
Manual Integrations
APPROVED

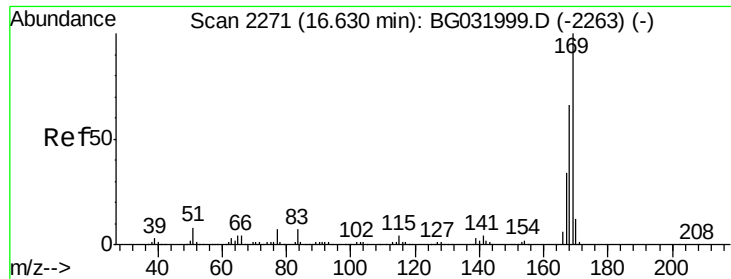
Sohil
1/16/2018 5:00:16 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.132 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	23.6	30.6	70.6#
105	26.2	23.8	63.8





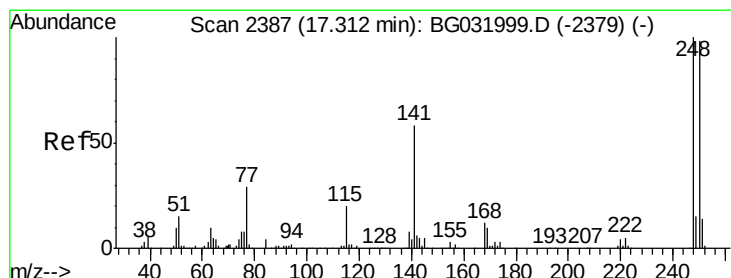
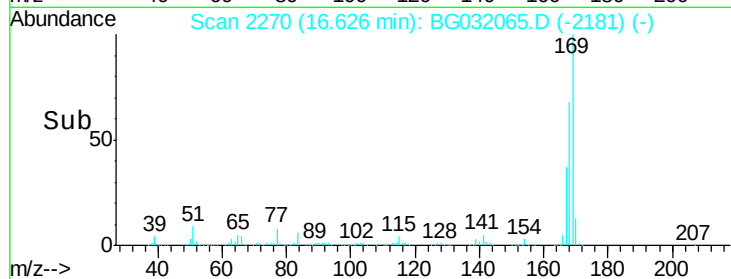
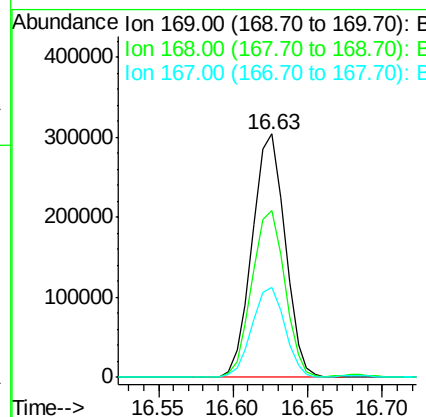
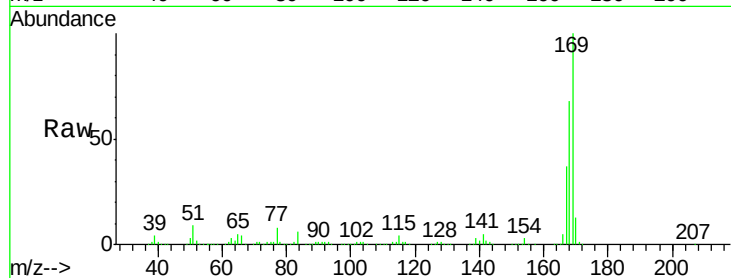
#65
 n-Nitrosodiphenylamine
 Concen: 44.298 ng
 RT: 16.63 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	463487		
168	68.4	55.7	83.5	
167	36.7	30.1	45.1	

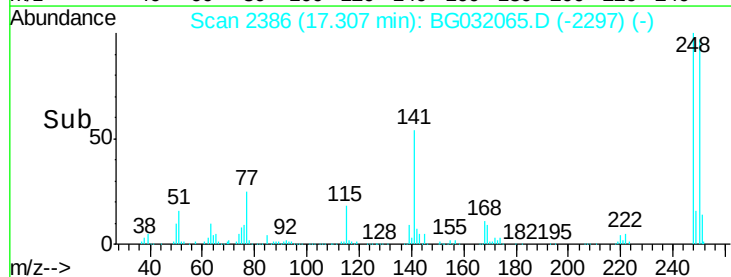
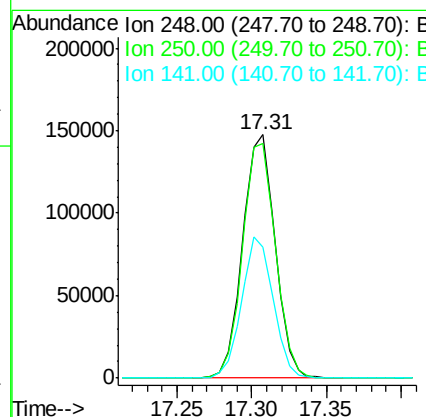
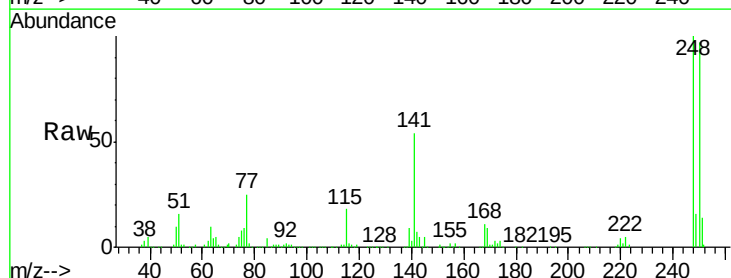
Manual Integrations
 APPROVED

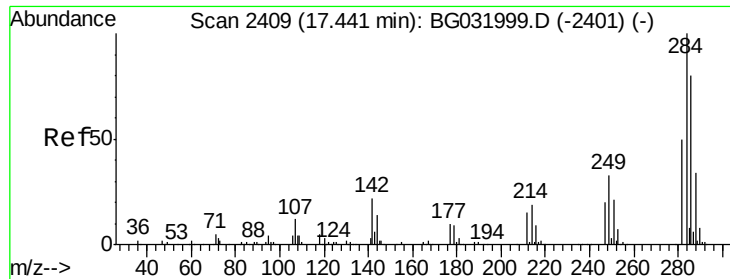
Sohil
 1/16/2018 5:00:16 PM



#66
 4-Bromophenyl-phenylether
 Concen: 45.305 ng
 RT: 17.31 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	222266		
250	96.6	77.1	115.7	
141	54.0	50.8	76.2	





#67

Hexachlorobenzene

Concen: 41.787 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

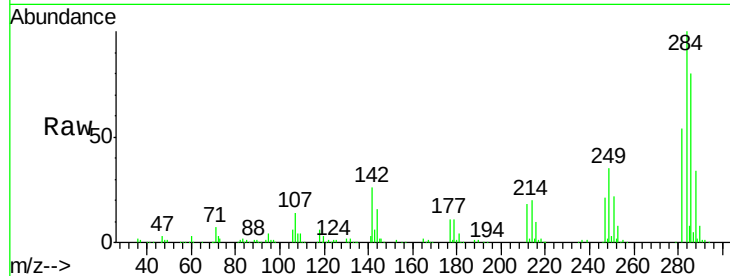
ClientSampleId :

B-4(20)MS

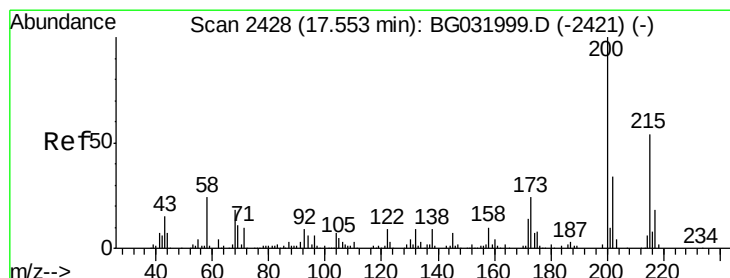
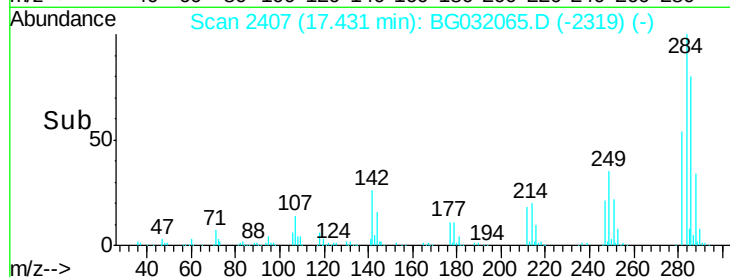
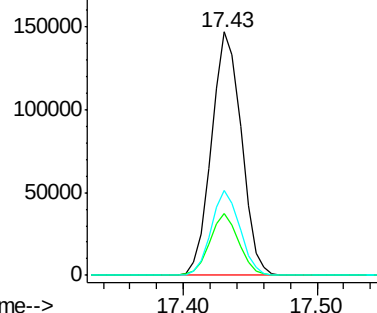
Tgt Ion:	284	Resp:	226805
Ion Ratio	Lower	Upper	
284	100		
142	25.7	26.8	40.2#
249	35.1	26.3	39.5

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



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: 49.762 ng

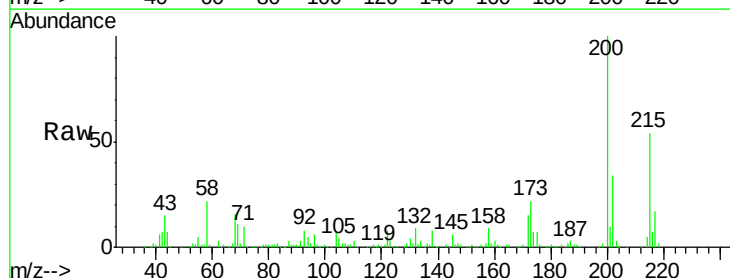
RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

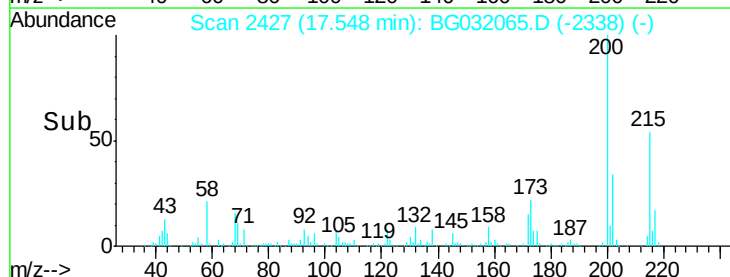
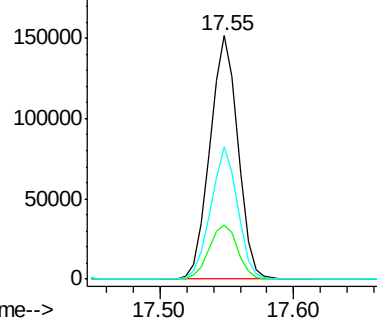
Lab File: BG032065.D

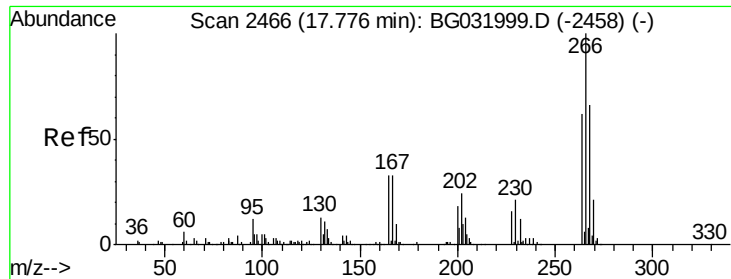
Acq: 16 Jan 2018 12:21

Tgt Ion:	200	Resp:	218959
Ion Ratio	Lower	Upper	
200	100		
173	22.4	5.2	45.2
215	54.3	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





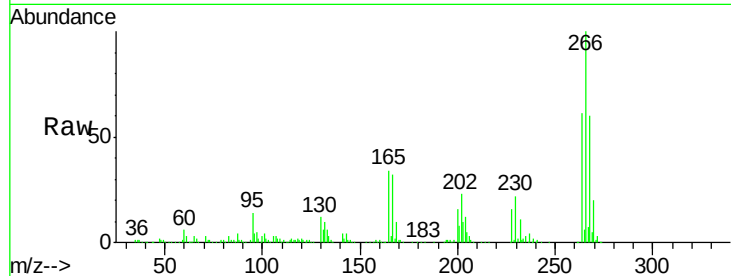
#69
 Pentachlorophenol
 Concen: 89.924 ng
 RT: 17.77 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

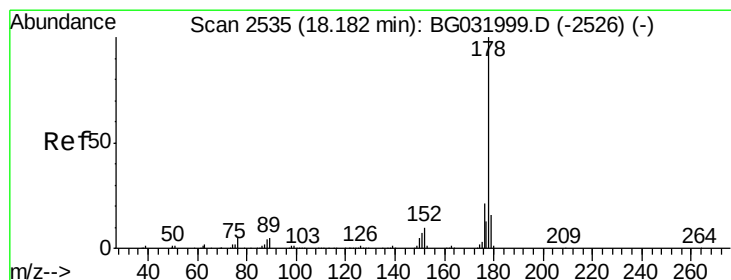
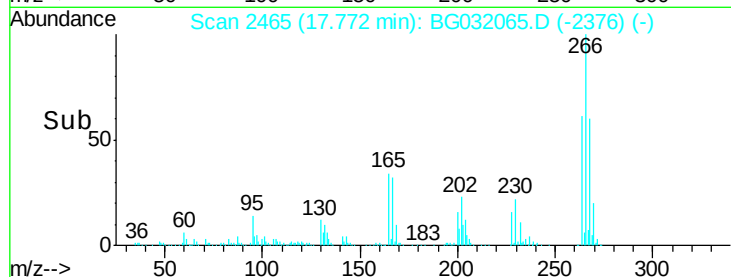
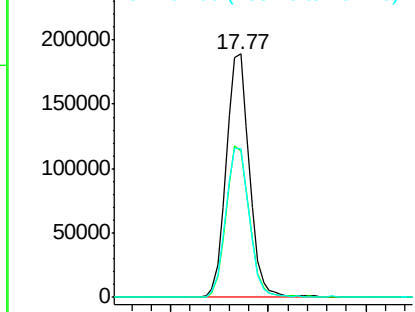
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	311974		
268	60.3	51.1	76.7	
264	60.9	49.6	74.4	

Manual Integrations
 APPROVED

Sohil
 1/16/2018 5:00:16 PM

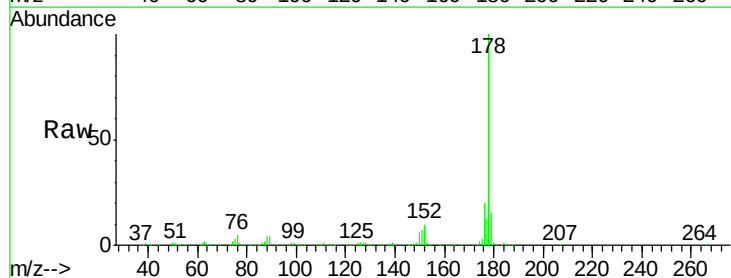


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

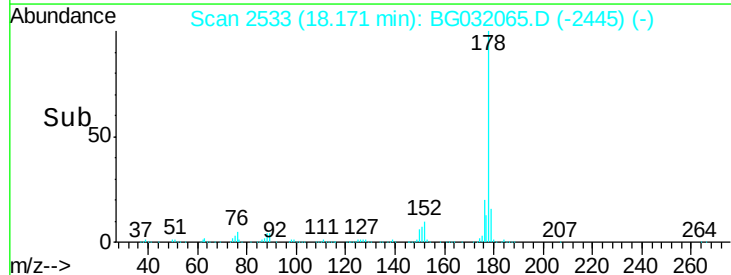
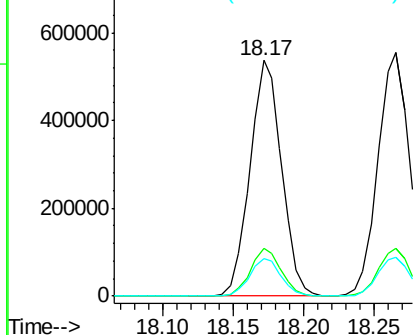


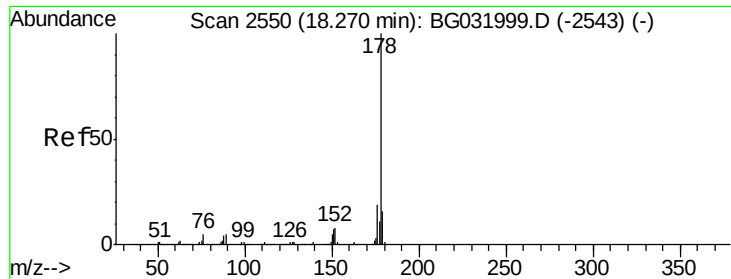
#70
 Phenanthrene
 Concen: 44.007 ng
 RT: 18.17 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	844823		
176	20.2	15.7	23.5	
179	15.9	12.5	18.7	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





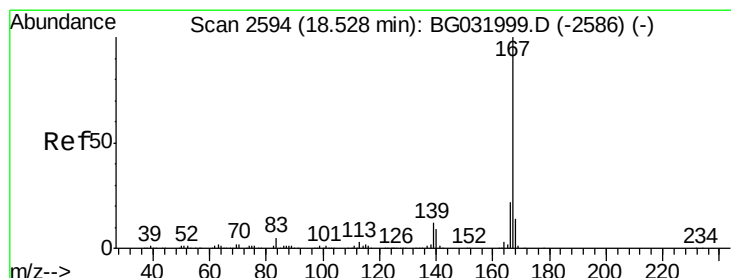
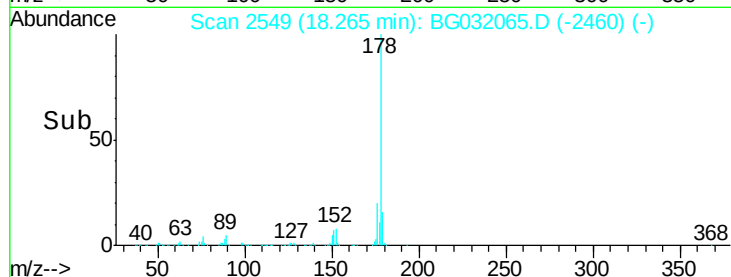
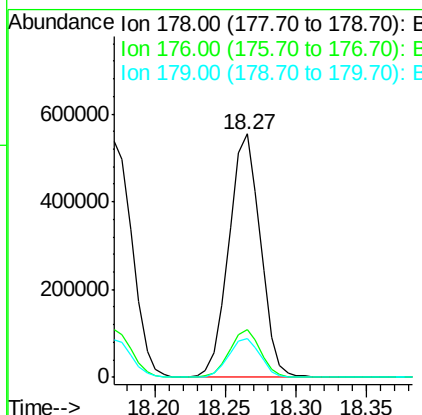
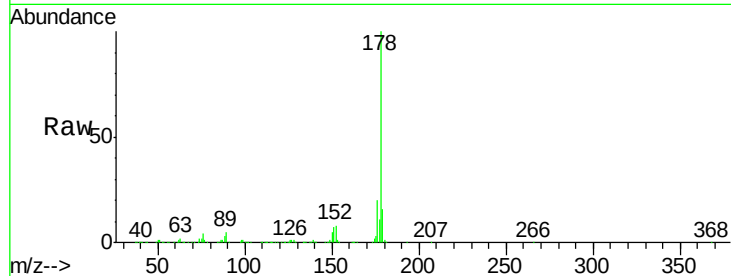
#71
 Anthracene
 Concen: 45.062 ng
 RT: 18.27 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.8	12.5	18.7

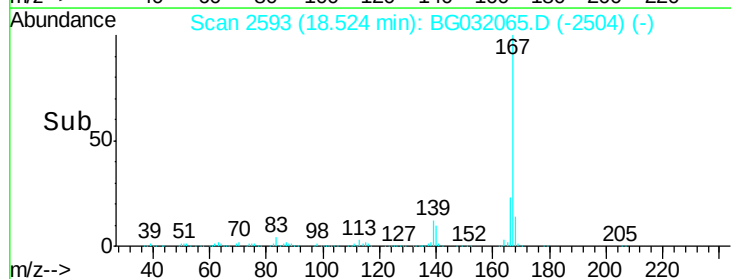
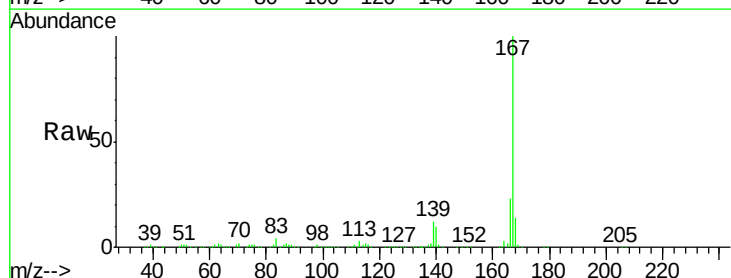
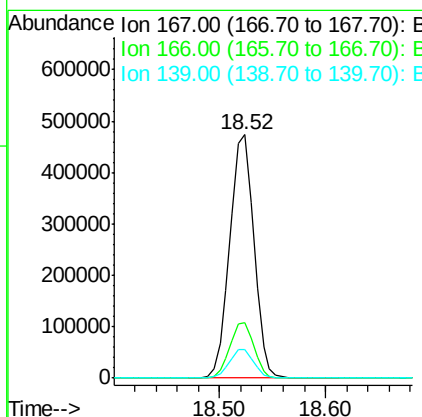
Manual Integrations
 APPROVED

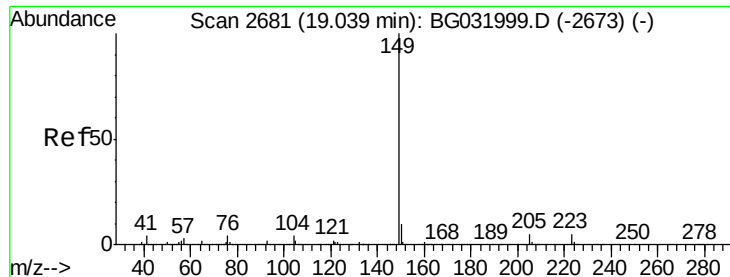
Sohil
 1/16/2018 5:00:16 PM



#72
 Carbazole
 Concen: 45.155 ng
 RT: 18.52 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.784 ng

RT: 19.03 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

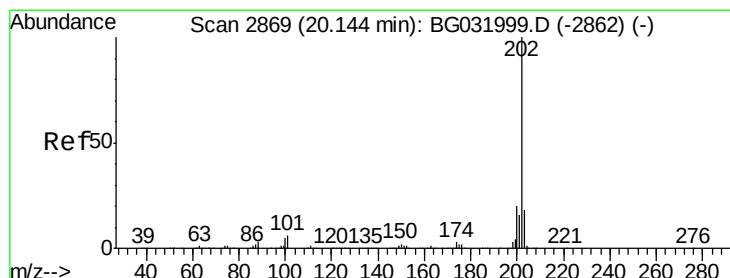
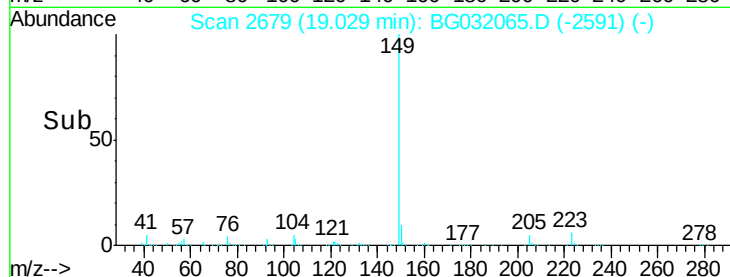
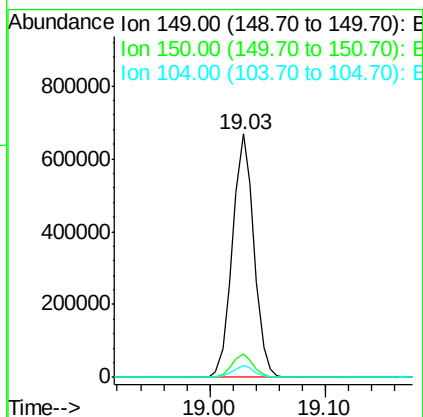
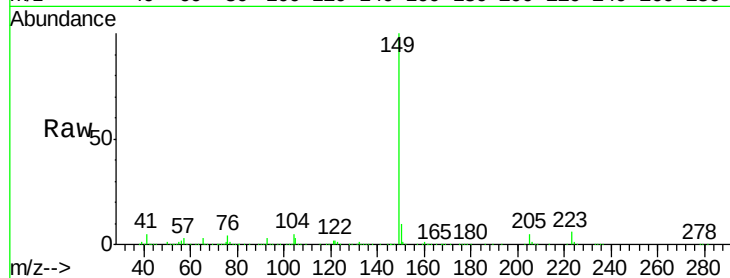
ClientSampleId :

B-4(20)MS

Tgt Ion:	149	Resp:	859344
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	4.8	3.9	5.9

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#74

Fluoranthene

Concen: 46.258 ng

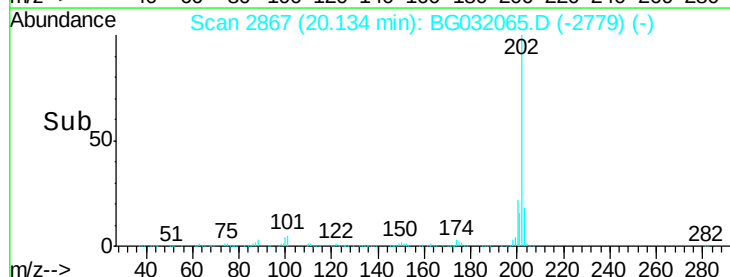
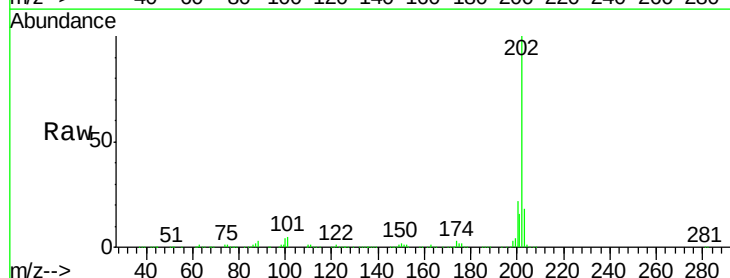
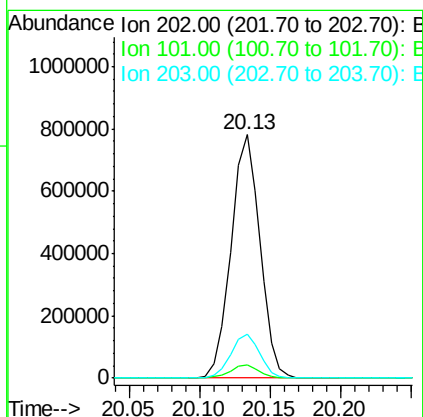
RT: 20.13 min Scan# 2867

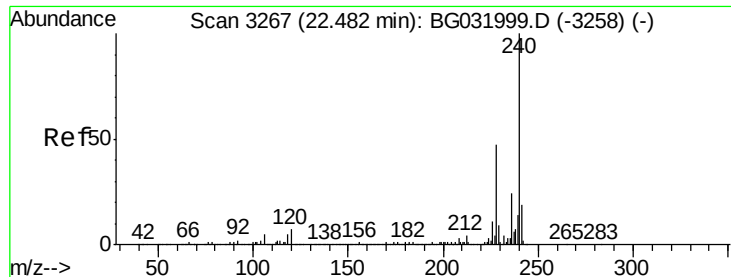
Delta R.T. -0.01 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion:	202	Resp:	1111876
Ion Ratio	Lower	Upper	
202	100		
101	5.4	0.0	28.9
203	18.3	0.0	37.5





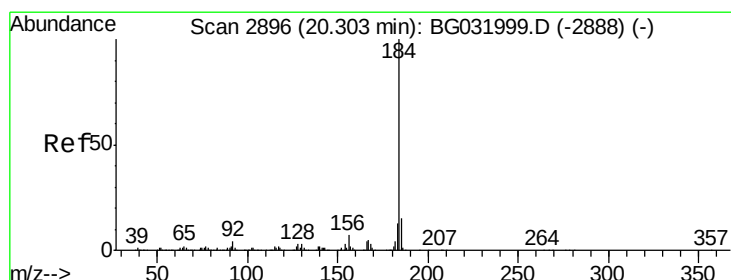
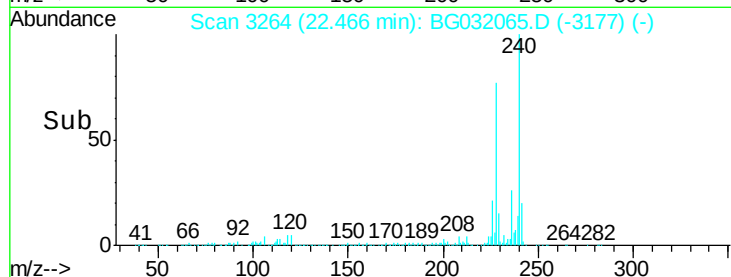
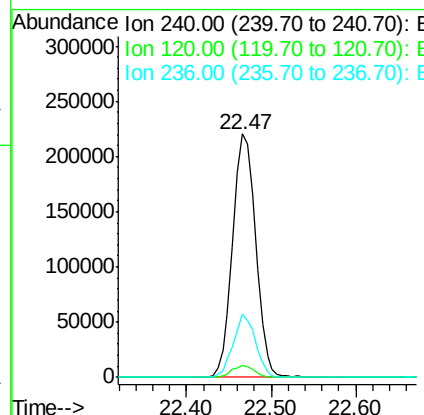
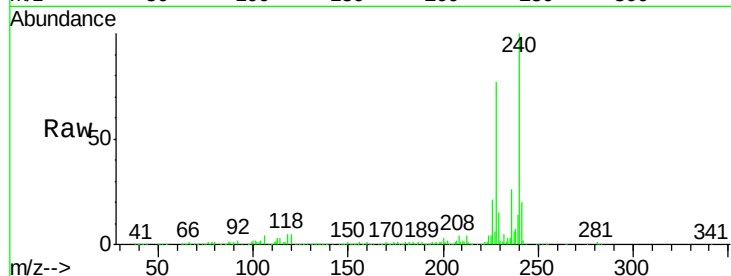
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.02 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	414984		
120	5.0	6.8	10.2#	
236	25.9	20.9	31.3	

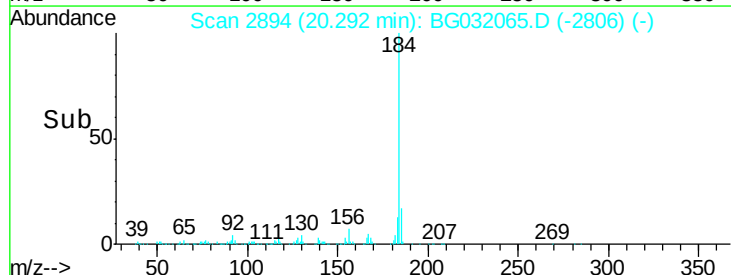
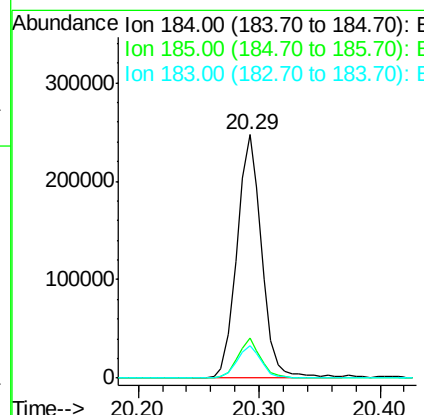
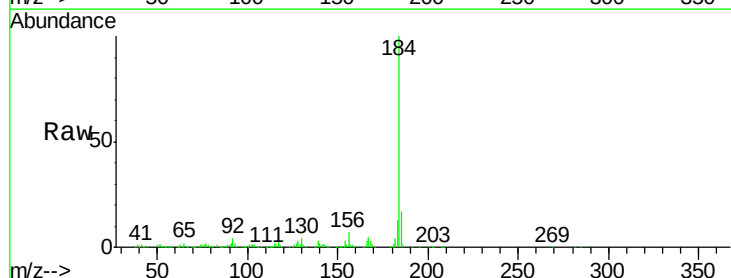
Manual Integrations
 APPROVED

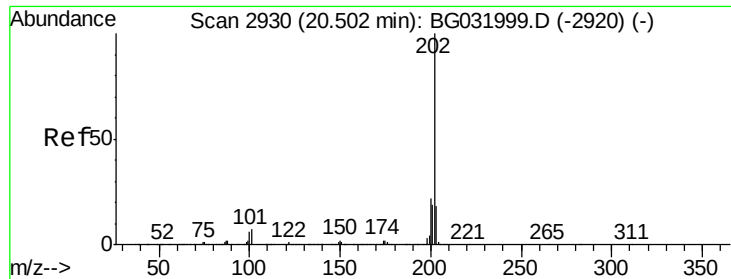
Sohil
 1/16/2018 5:00:16 PM



#76
 Benzidine
 Concen: 34.033 ng
 RT: 20.29 min Scan# 2894
 Delta R.T. -0.01 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	353171		
185	16.5	11.1	16.7	
183	13.1	10.6	16.0	





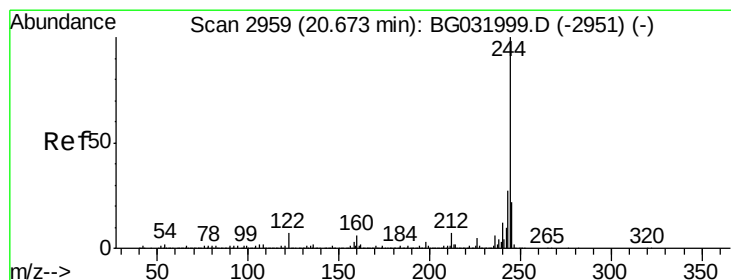
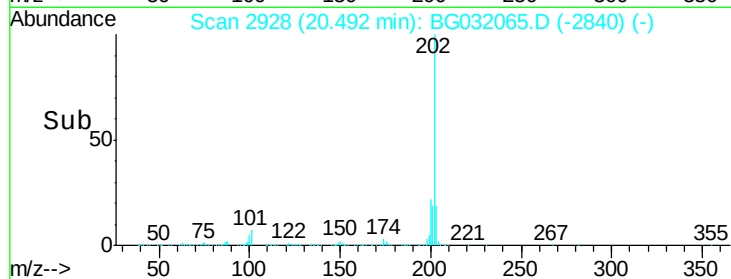
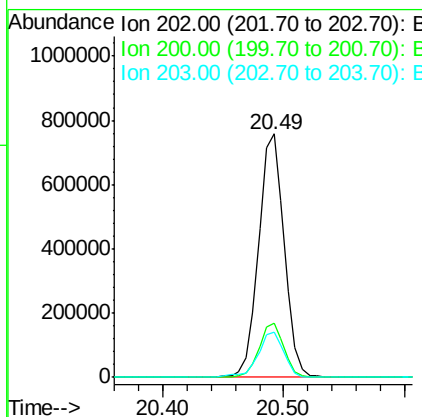
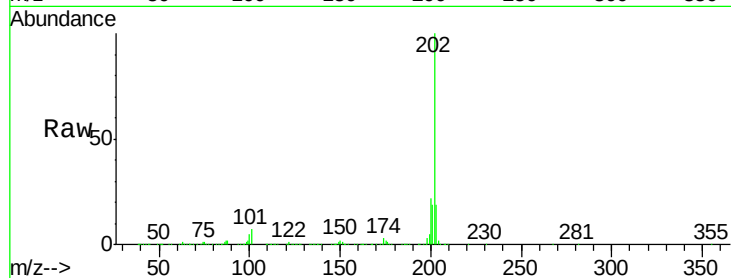
#77
 Pyrene
 Concen: 42.891 ng
 RT: 20.49 min Scan# 2928
 Delta R.T. -0.01 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.7	13.9	20.9

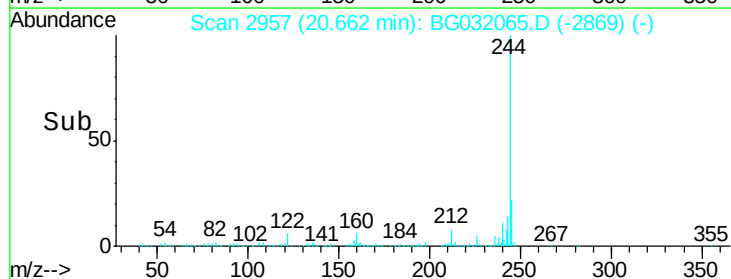
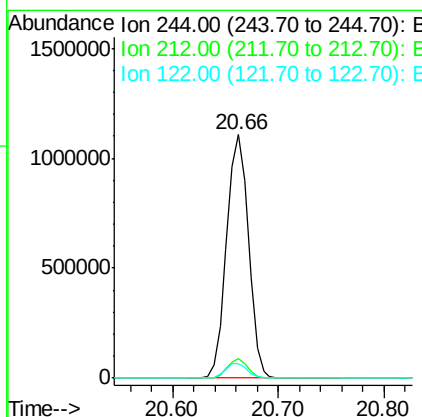
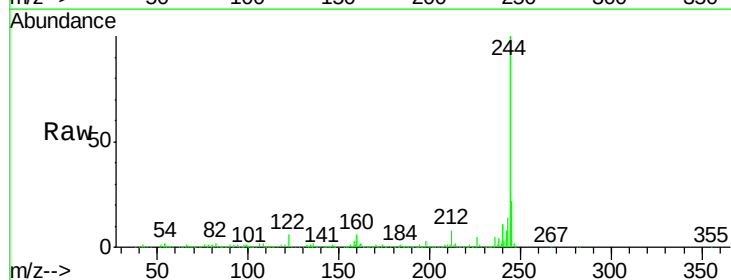
Manual Integrations
 APPROVED

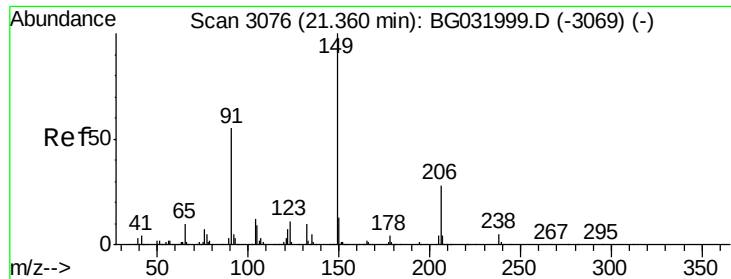
Sohil
 1/16/2018 5:00:16 PM



#78
 Terphenyl-d14
 Concen: 84.742 ng
 RT: 20.66 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	6.2	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 42.921 ng

RT: 21.35 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

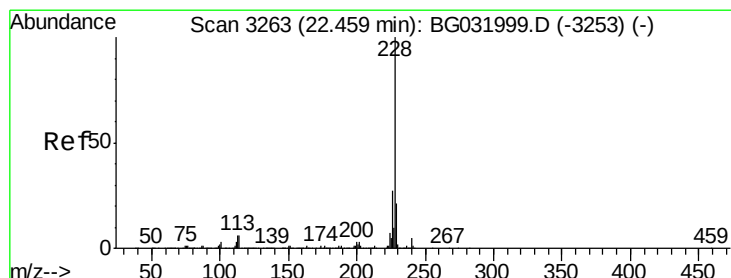
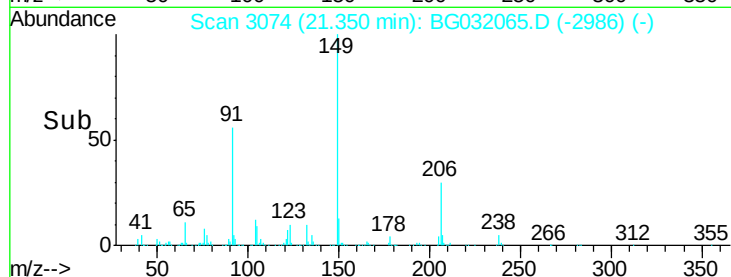
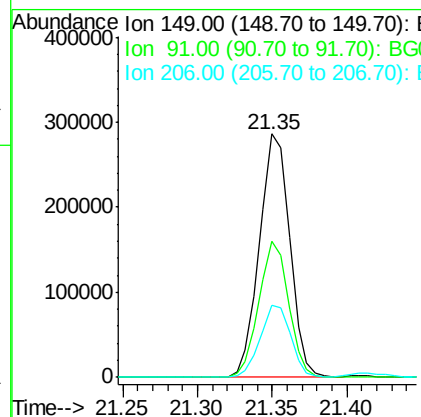
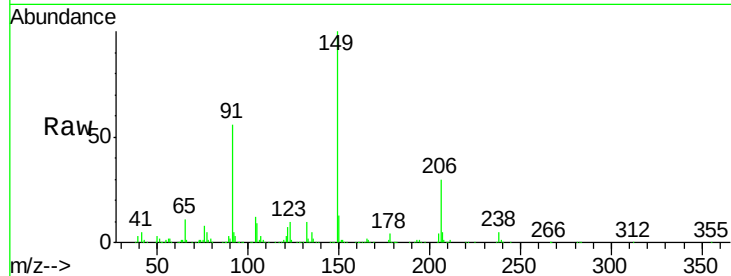
ClientSampleId :

B-4(20)MS

Tgt Ion:	149	Resp:	401176
Ion Ratio	Lower	Upper	
149	100		
91	55.9	62.2	93.2#
206	29.9	18.6	27.8#

Manual Integrations
APPROVED

Sohil
1/16/2018 5:00:16 PM



#80

Benzo(a)anthracene

Concen: 45.289 ng

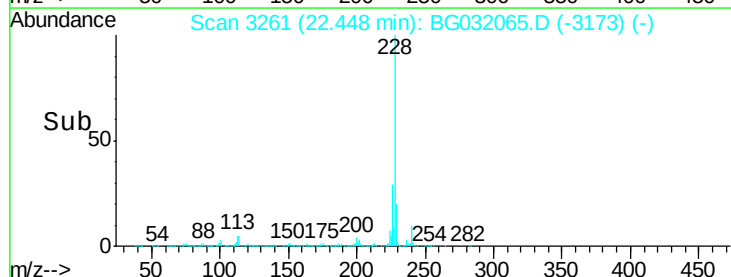
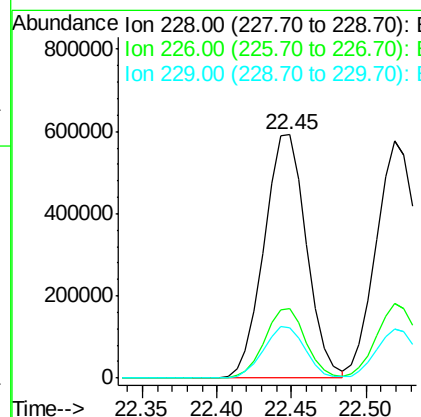
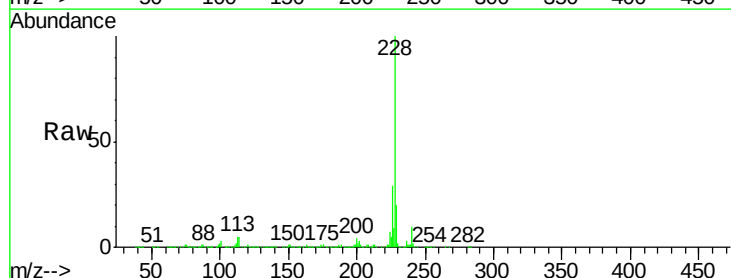
RT: 22.45 min Scan# 3261

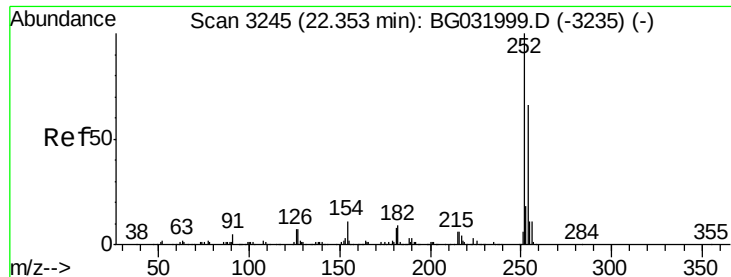
Delta R.T. -0.01 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Tgt Ion:	228	Resp:	1168810
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.7	34.1
229	20.4	16.2	24.2





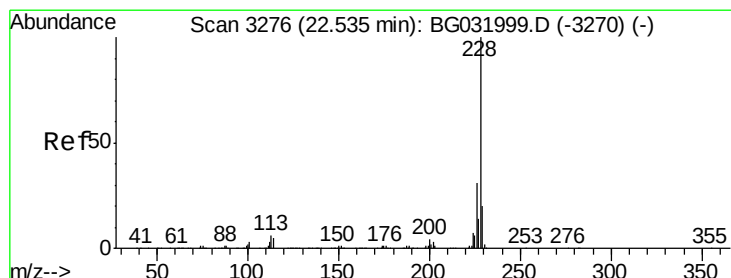
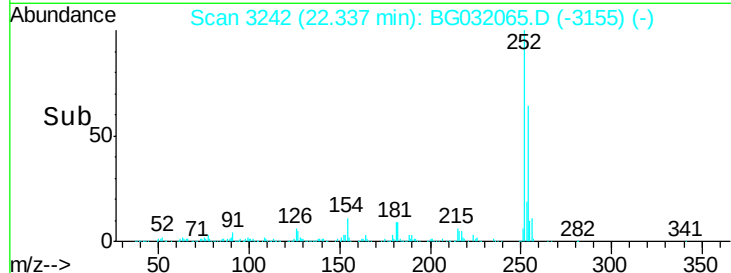
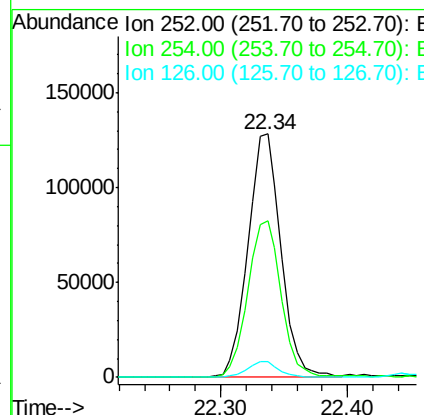
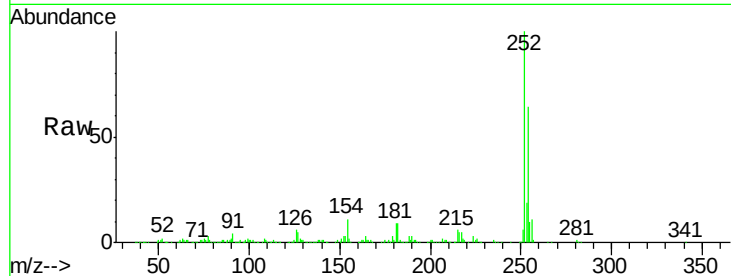
#81
 3,3'-Dichlorobenzidine
 Concen: 24.081 ng
 RT: 22.34 min Scan# 3242
 Delta R.T. -0.02 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	50.8	76.2
126	6.3	7.4	11.2

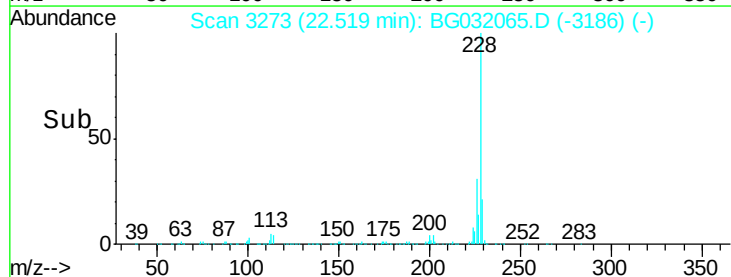
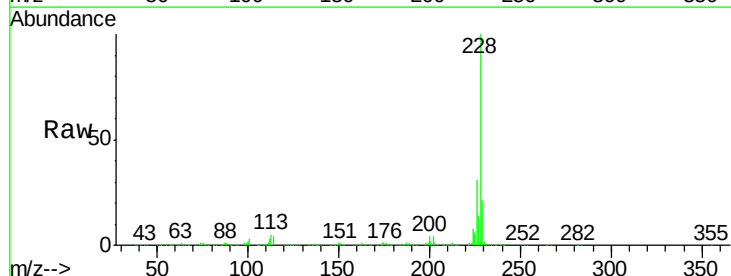
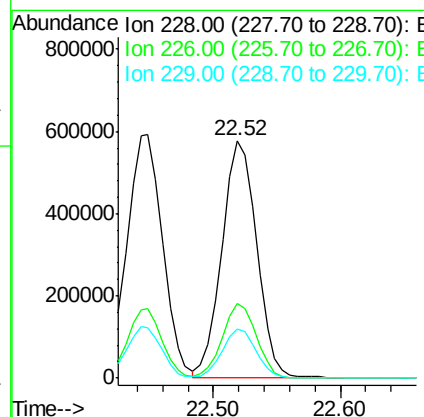
Manual Integrations
 APPROVED

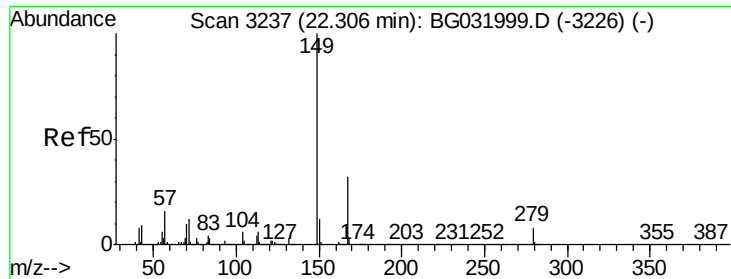
Sohil
 1/16/2018 5:00:16 PM



#82
 Chrysene
 Concen: 44.178 ng
 RT: 22.52 min Scan# 3273
 Delta R.T. -0.02 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	24.9	37.3
229	20.7	15.0	22.4





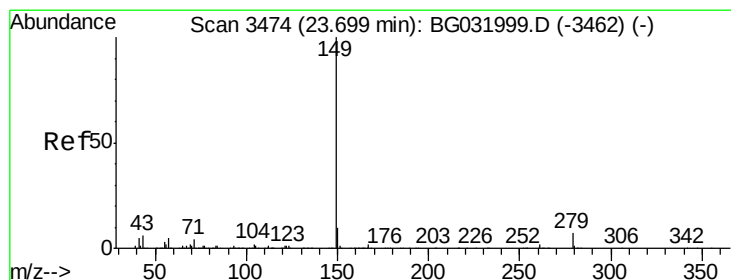
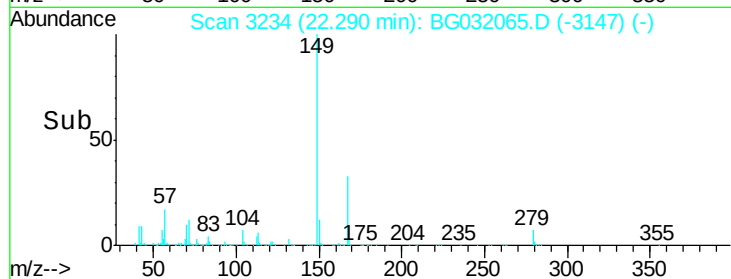
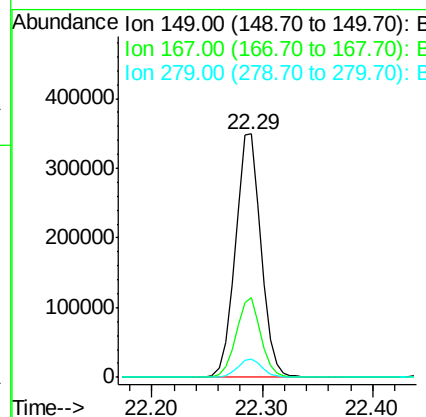
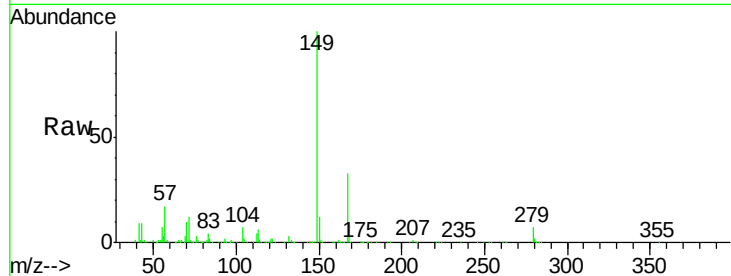
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.378 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.02 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	32.6	24.3	36.5
279	7.5	4.0	6.0

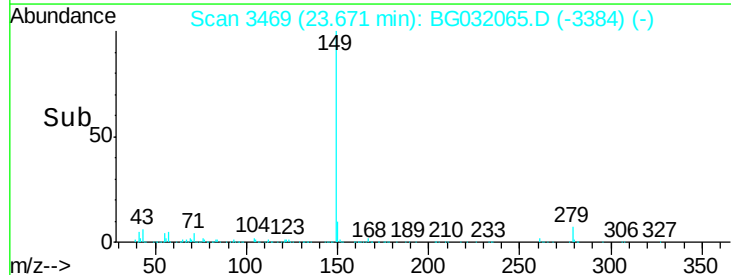
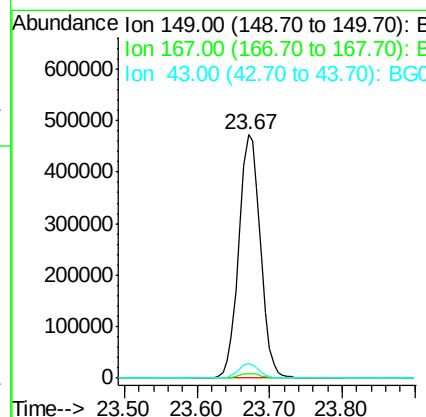
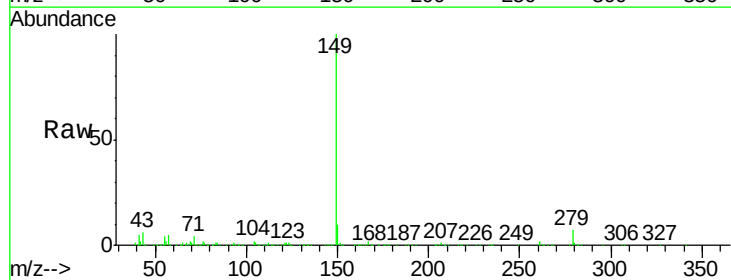
Manual Integrations
 APPROVED

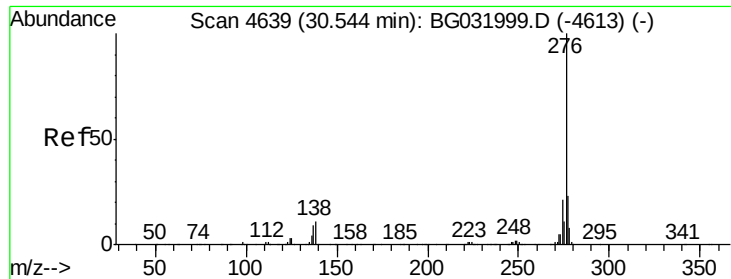
Sohil
 1/16/2018 5:00:16 PM



#84
 Di-n-octyl phthalate
 Concen: 45.024 ng
 RT: 23.67 min Scan# 3469
 Delta R.T. -0.03 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.9	1.4	2.0
43	5.8	8.9	13.3





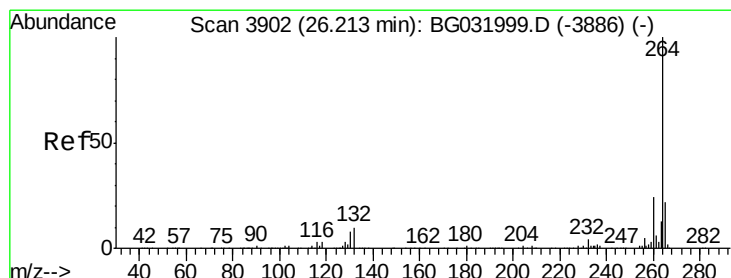
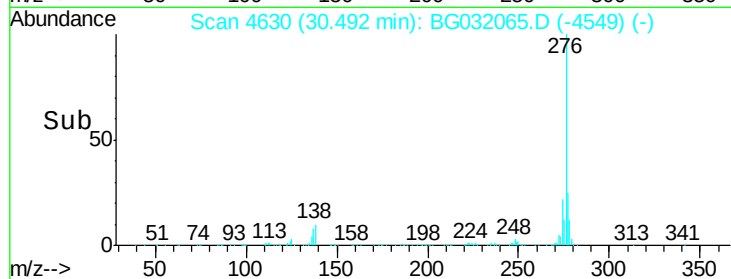
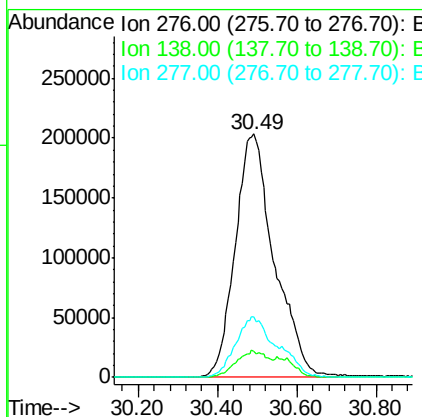
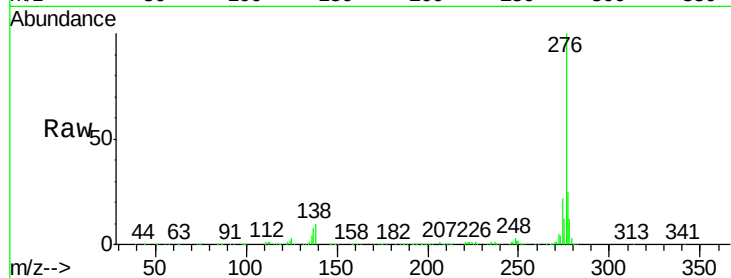
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.040 ng
 RT: 30.49 min Scan# 4630
 Delta R.T. -0.05 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampled :
 B-4(20)MS

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	8.8	16.0	24.0	
277	26.5	20.0	30.0	

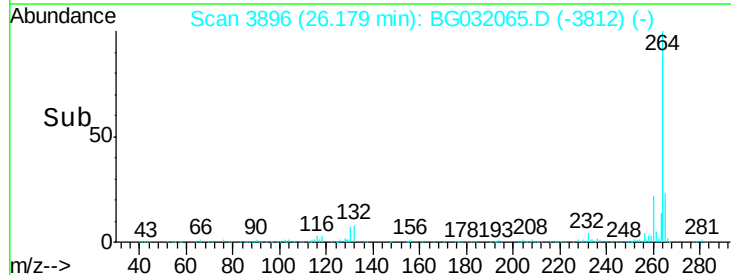
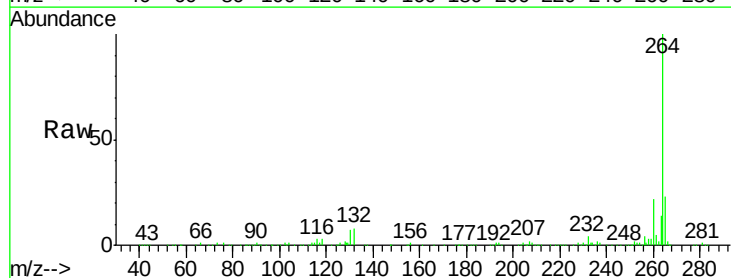
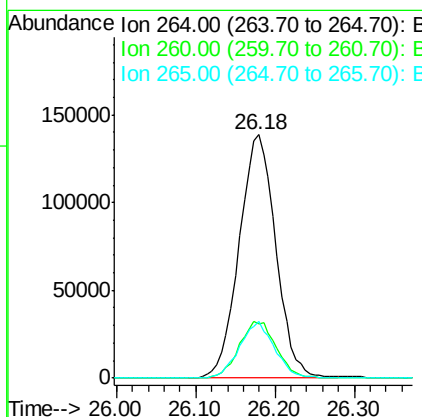
Manual Integrations
 APPROVED

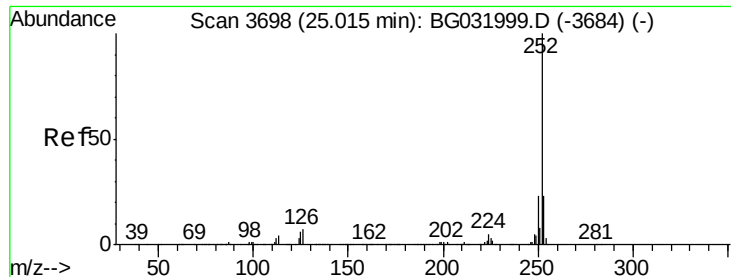
Sohil
 1/16/2018 5:00:16 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.18 min Scan# 3896
 Delta R.T. -0.03 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	22.1	17.4	26.0	
265	23.5	17.7	26.5	





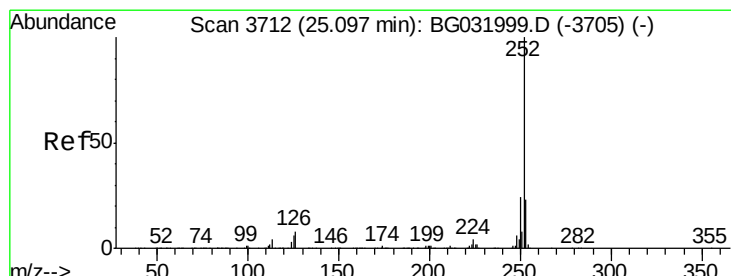
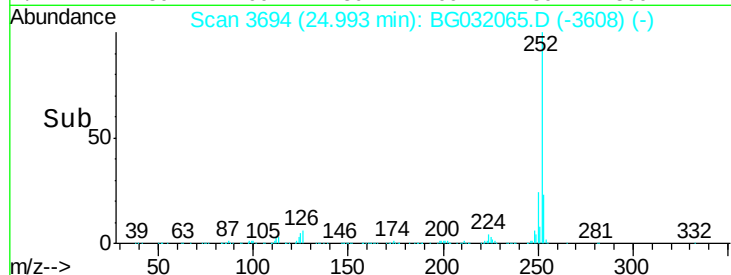
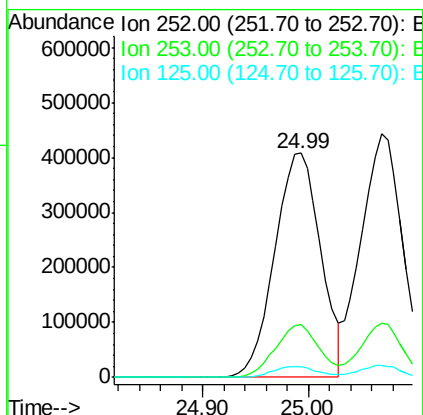
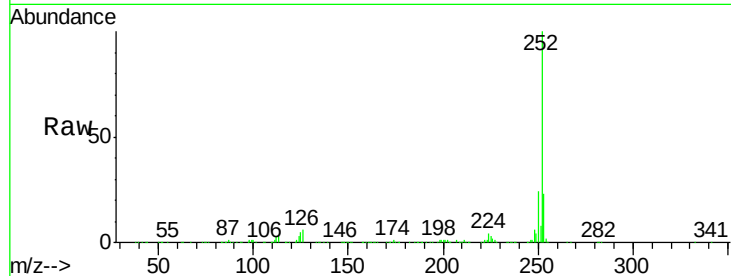
#87
Benzo(b)fluoranthene
Concen: 45.697 ng
RT: 24.99 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Instrument :
BNA_G
ClientSampleId :
B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	4.5	7.2	10.8

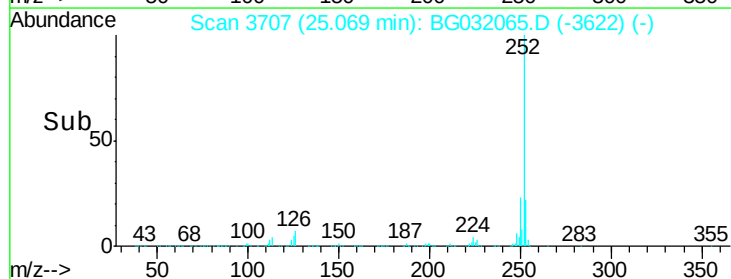
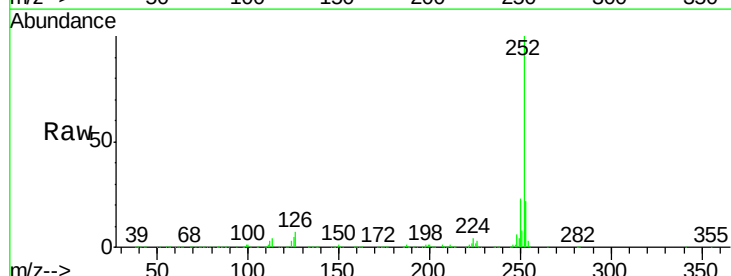
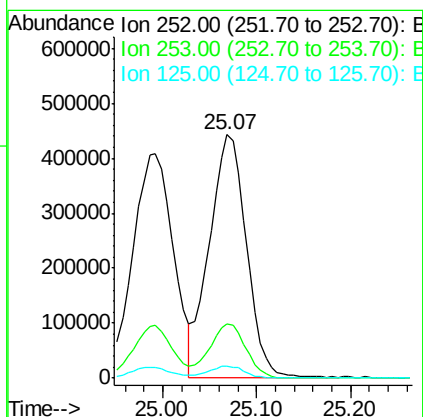
Manual Integrations
APPROVED

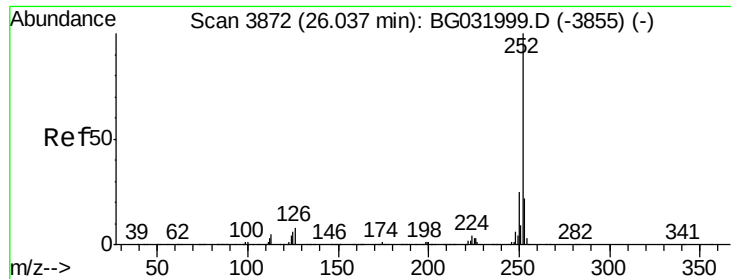
Sohil
1/16/2018 5:00:16 PM



#88
Benzo(k)fluoranthene
Concen: 46.046 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.03 min
Lab File: BG032065.D
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	4.8	6.6	9.8





#89

Benzo(a)pyrene

Concen: 46.758 ng

RT: 26.00 min Scan# 3866

Delta R.T. -0.03 min

Lab File: BG032065.D

Acq: 16 Jan 2018 12:21

Instrument :

BNA_G

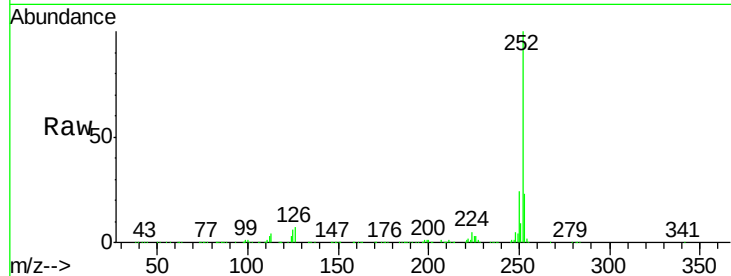
ClientSampleId :

B-4(20)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	5.7	7.3	10.9

Manual Integrations
APPROVED

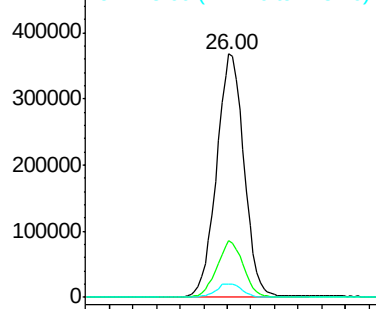
Sohil
1/16/2018 5:00:16 PM



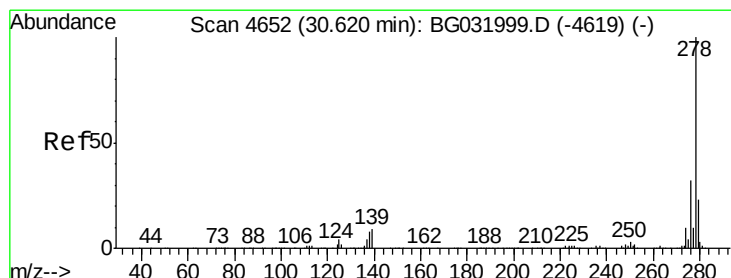
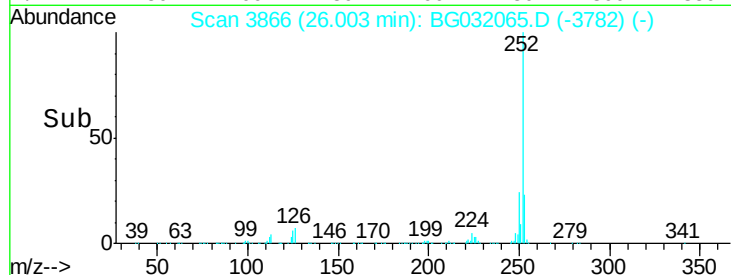
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 46.188 ng

RT: 30.57 min Scan# 4643

Delta R.T. -0.05 min

Lab File: BG032065.D

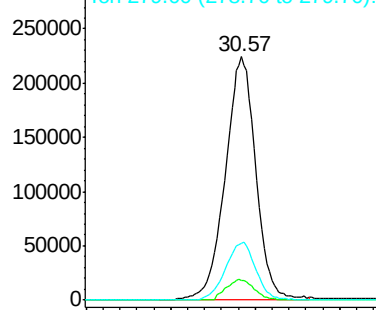
Acq: 16 Jan 2018 12:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	9.8	14.6
279	23.3	18.4	27.6

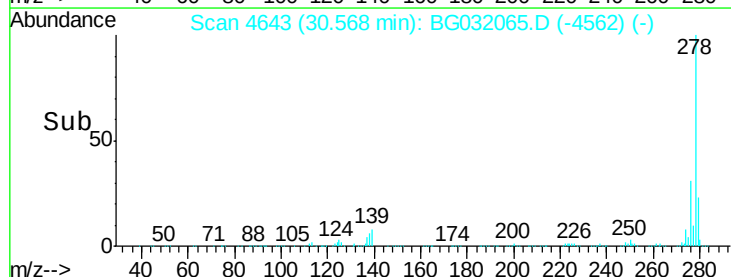
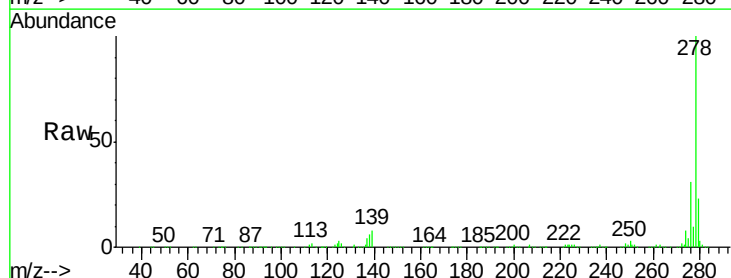
Abundance Ion 278.00 (277.70 to 278.70): E

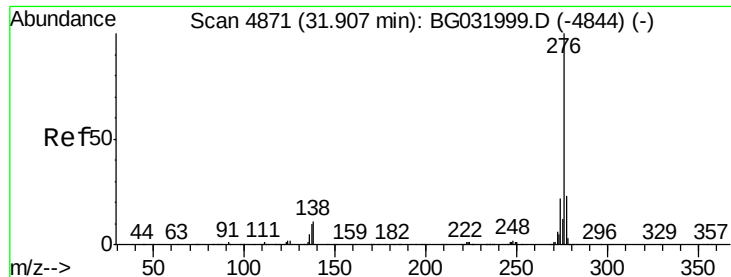
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(g,h,i)perylene
 Concen: 47.130 ng
 RT: 31.84 min Scan# 4860
 Delta R.T. -0.06 min
 Lab File: BG032065.D
 Acq: 16 Jan 2018 12:21

Instrument :
 BNA_G
 ClientSampleId :
 B-4(20)MS

Tgt Ion:	276	Resp:	1181822
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.3	27.5
138	10.6	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 1/16/2018 5:00:16 PM

