

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034124.D
 Acq On : 2 May 2018 20:08
 Operator : SJ/JU
 Sample : J2157-14MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-AMSD

Manual Integrations
 APPROVED

Quant Time: May 03 05:18:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	77959	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	330158	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	266988	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	665911	20.00	ng	0.00
75) Chrysene-d12	21.76	240	678974	20.00	ng	0.00
86) Perylene-d12	25.05	264	694631	20.00	ng	-0.01

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System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	688189	142.62	ng	0.00
7) Phenol-d6	7.22	99	966247	128.63	ng	0.00
23) Nitrobenzene-d5	9.24	82	825355	95.92	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	502585	135.94	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1595558	87.08	ng	0.00
78) Terphenyl-d14	20.09	244	2780795	89.72	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	79826	39.396	ng	# 78
3) Pyridine	3.96	79	222141	34.940	ng	# 88
4) n-Nitrosodimethylamine	3.86	42	171052	49.343	ng	# 79
6) Aniline	7.40	93	134265	13.141	ng	# 88
8) 2-Chlorophenol	7.64	128	256841	53.343	ng	# 92
9) Benzaldehyde	7.20	77	63456	11.771	ng	# 85
10) Phenol	7.25	94	348922	46.052	ng	# 75
11) bis(2-Chloroethyl)ether	7.49	93	292257	48.996	ng	# 94
12) 1,3-Dichlorobenzene	7.97	146	267927	43.984	ng	# 85
13) 1,4-Dichlorobenzene	8.11	146	271765	44.922	ng	# 96
14) 1,2-Dichlorobenzene	8.43	146	268981m	46.808	ng	#
15) Benzyl Alcohol	8.31	79	398025	49.669	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.60	45	389375	47.445	ng	# 85
17) 2-Methylphenol	8.51	107	246367	49.417	ng	# 73
18) Hexachloroethane	9.16	117	116973	45.451	ng	# 98
19) n-Nitroso-di-n-propylamine	8.88	70	311989	46.247	ng	# 95
20) 3+4-Methylphenols	8.84	107	348506	47.200	ng	# 81
22) Acetophenone	8.90	105	480400	42.716	ng	# 95
24) Nitrobenzene	9.28	77	449356	47.707	ng	# 89
25) Isophorone	9.81	82	816328	46.503	ng	# 94
26) 2-Nitrophenol	9.99	139	140214	53.774	ng	# 56
27) 2,4-Dimethylphenol	10.05	122	280937	55.576	ng	# 86
28) bis(2-Chloroethoxy)methane	10.29	93	421965	48.938	ng	# 96
29) 2,4-Dichlorophenol	10.53	162	311777	51.598	ng	# 96
30) 1,2,4-Trichlorobenzene	10.75	180	327131	44.962	ng	# 95
31) Naphthalene	10.94	128	794319	45.772	ng	# 96
32) Benzoic acid	10.18	122	162999	37.780	ng	# 86
34) Hexachlorobutadiene	11.23	225	276784	44.946	ng	# 99
35) Caprolactam	11.82	113	83923m	39.103	ng	#
36) 4-Chloro-3-methylphenol	12.16	107	396372	50.591	ng	# 93
37) 2-Methylnaphthalene	12.54	142	641893	45.618	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	466511	45.155	ng	# 98
40) Hexachlorocyclopentadiene	12.89	237	634272	103.611	ng	# 89
42) 2,4,6-Trichlorophenol	13.14	196	301386	50.209	ng	# 96

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 ALS Vial : 7 Sample Multiplier: 1

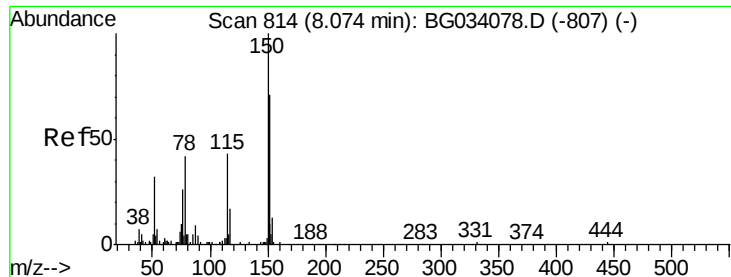
Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) 2,4,5-Trichlorophenol	13.22	196	331788	49.999	nq		94
45) 1,1'-Biphenyl	13.55	154	894447	42.884	nq		99
46) 2-Chloronaphthalene	13.59	162	699657	44.309	nq		95
47) 2-Nitroaniline	13.79	65	301241	47.717	nq	#	84
48) Acenaphthylene	14.44	152	1074933	42.638	nq		99
49) Dimethylphthalate	14.18	163	1008799	43.574	nq	#	96
50) 2,6-Dinitrotoluene	14.29	165	227693	51.208	nq	#	71
51) Acenaphthene	14.78	154	707362	41.283	nq		94
52) 3-Nitroaniline	14.60	138	24624	5.494	nq	#	95
53) 2,4-Dinitrophenol	14.82	184	262113	150.684	nq	#	72
54) Dibenzofuran	15.12	168	1105648	44.511	nq		91
55) 4-Nitrophenol	14.92	139	306896	89.716	nq	#	47
56) 2,4-Dinitrotoluene	15.07	165	317175	52.534	nq	#	95
57) Fluorene	15.77	166	927546	42.842	nq		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	340904	49.659	nq	#	96
59) Diethylphthalate	15.54	149	1025030	41.840	nq		98
60) 4-Chlorophenyl-phenylether	15.76	204	571332	44.357	nq		97
61) 4-Nitroaniline	15.78	138	174087	36.619	nq	#	51
62) Azobenzene	16.06	77	1134343	42.861	nq		93
64) 4,6-Dinitro-2-methylphenol	15.84	198	173642	55.459	nq		90
65) n-Nitrosodiphenylamine	15.97	169	823322	45.343	nq		97
66) 4-Bromophenyl-phenylether	16.65	248	388187	46.952	nq	#	92
67) Hexachlorobenzene	16.77	284	388498	46.291	nq		95
68) Atrazine	16.93	200	317308	41.765	nq		94
69) Pentachlorophenol	17.11	266	531394	90.844	nq		97
70) Phenanthrene	17.51	178	1553839	45.411	nq		98
71) Anthracene	17.60	178	1577700	45.494	nq		98
72) Carbazole	17.87	167	1365416	43.010	nq		97
73) Di-n-butylphthalate	18.44	149	1599736	41.864	nq	#	96
74) Fluoranthene	19.52	202	1898481	43.907	nq		93
76) Benzidine	19.74	184	54497m	3.116	nq		
77) Pyrene	19.88	202	1894786	44.542	nq		94
79) Butylbenzylphthalate	20.78	149	760726	45.809	nq		90
80) Benzo(a)anthracene	21.74	228	2028171	46.610	nq		99
81) 3,3'-Dichlorobenzidine	21.65	252	208615	12.678	nq	#	97
82) Chrysene	21.81	228	1889494	45.367	nq		95
83) Bis(2-ethylhexyl)phthalate	21.67	149	1031241	45.120	nq	#	99
84) Di-n-octyl phthalate	22.92	149	1758678	48.178	nq		98
85) Indeno(1,2,3-cd)pyrene	28.82	276	2259771	49.303	nq	#	86
87) Benzo(b)fluoranthene	24.01	252	2021411	46.068	nq	#	97
88) Benzo(k)fluoranthene	24.08	252	1959748	46.730	nq	#	94
89) Benzo(a)pyrene	24.90	252	1975115	48.112	nq	#	96
90) Dibenzo(a,h)anthracene	28.89	278	1883071	48.661	nq	#	94
91) Benzo(g,h,i)perylene	29.97	276	1809826	47.450	nq	#	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion:152 Resp: 77959

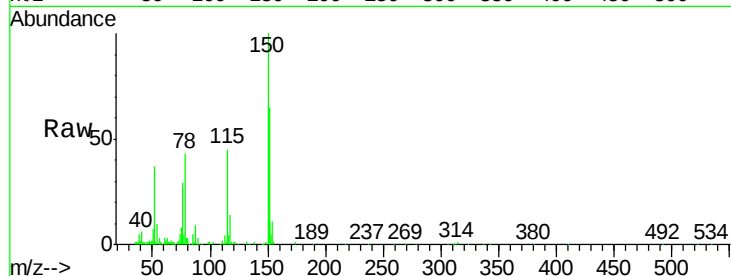
Ion Ratio Lower Upper

152 100

150 154.7 126.6 189.8

115 69.3 53.0 79.4

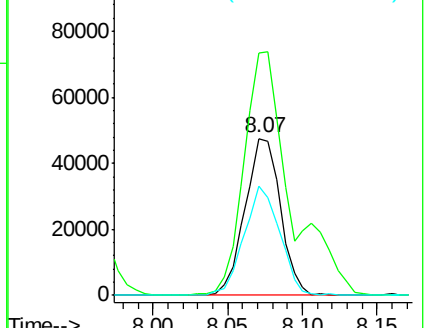
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Abundance Ion 152.00 (151.70 to 152.70): E

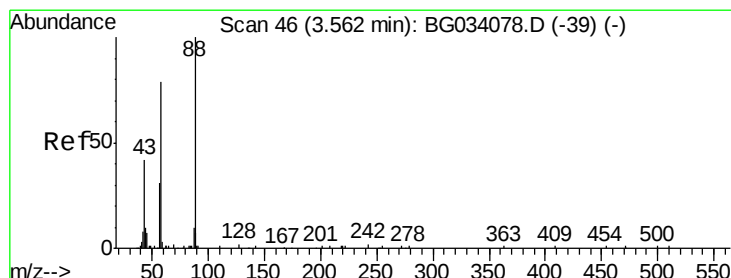
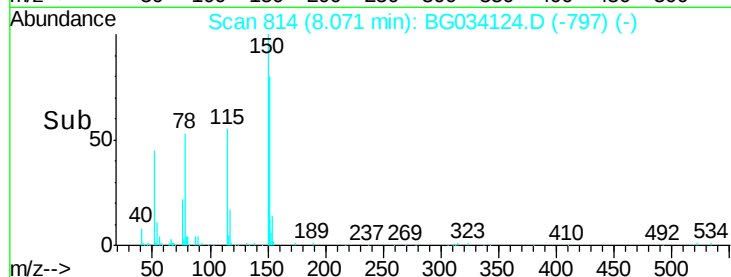
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 39.396 ng

RT: 3.56 min Scan# 47

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

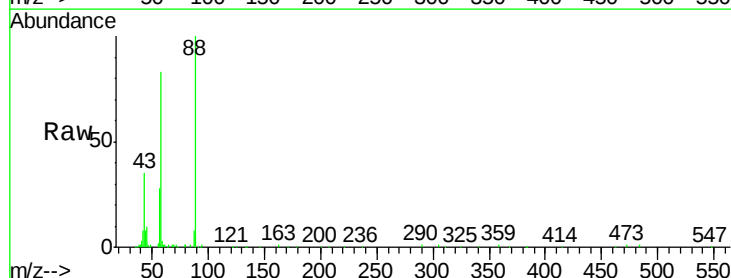
Tgt Ion: 88 Resp: 79826

Ion Ratio Lower Upper

88 100

58 74.6 79.6 119.4#

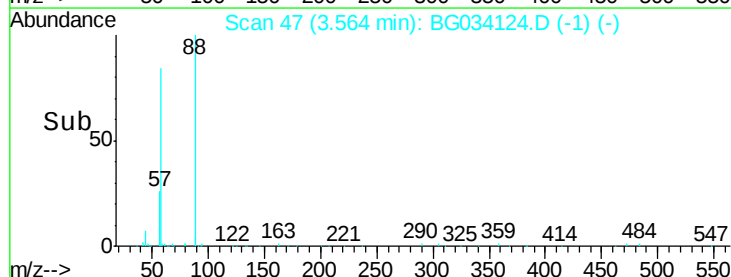
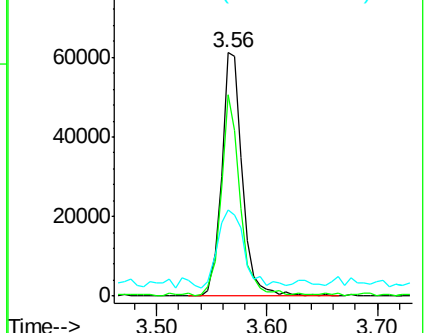
43 41.1 27.4 41.0#

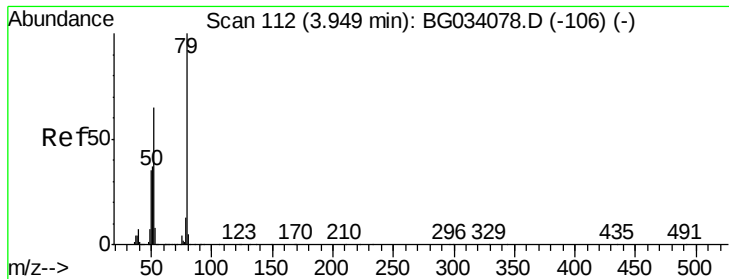


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.940 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

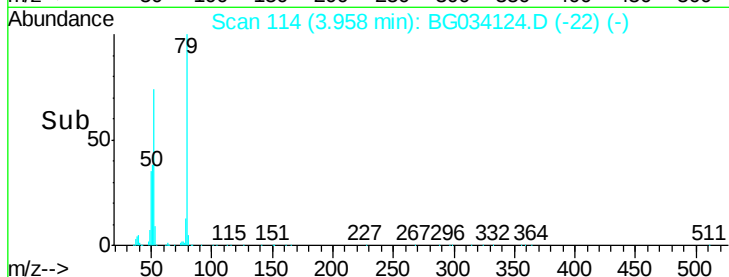
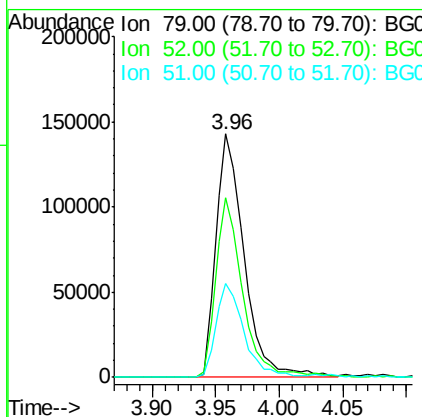
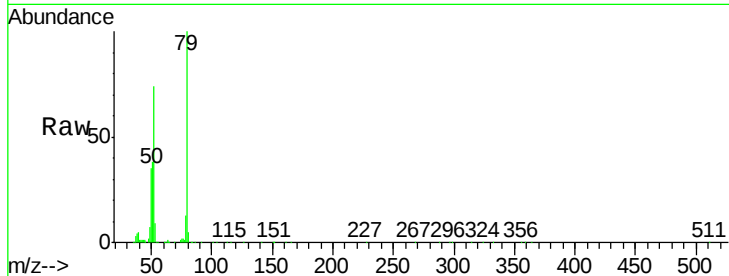
BNA_G

ClientSampleId :

CL-02-043018-AMSD

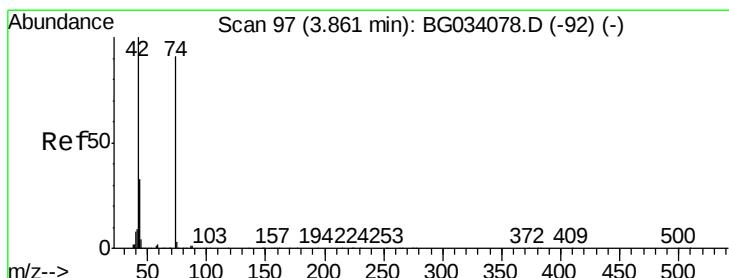
Tot Ion:	79	Resp:	222141
Ion	Ratio	Lower	Upper
79	100		
52	73.9	69.9	104.9
51	38.4	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 49.343 ng

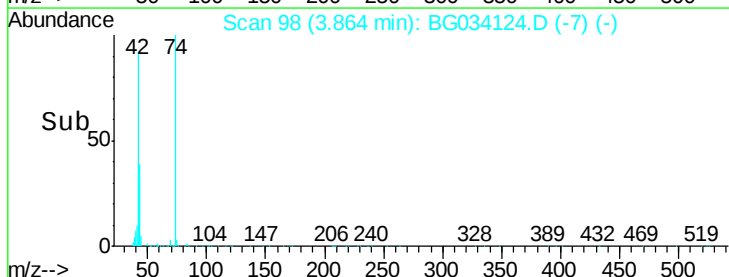
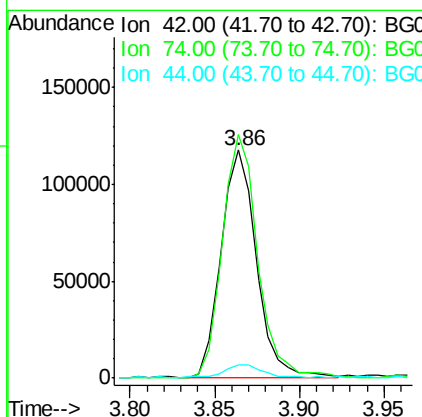
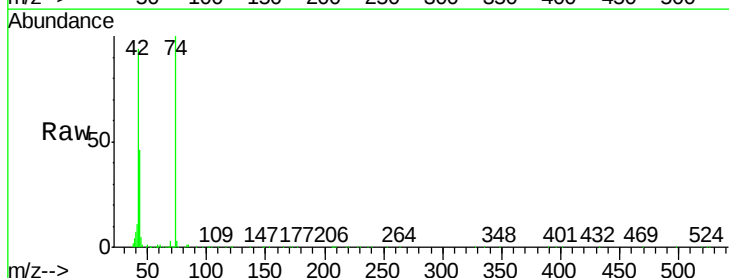
RT: 3.86 min Scan# 98

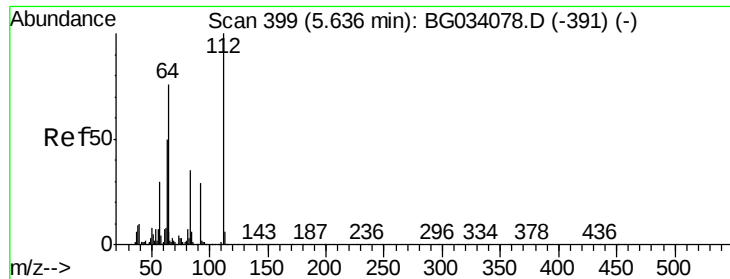
Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Tgt Ion:	42	Resp:	171052
Ion	Ratio	Lower	Upper
42	100		
74	106.9	102.5	153.7
44	5.7	18.9	28.3





#5

2-Fluorophenol

Concen: 142.621 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

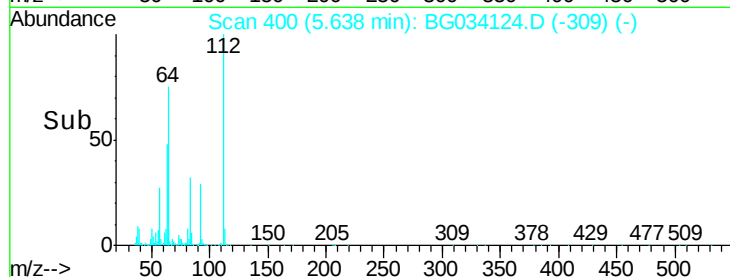
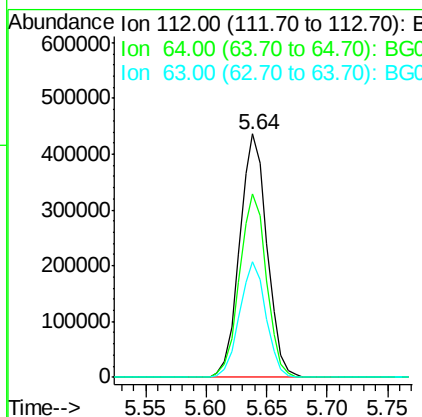
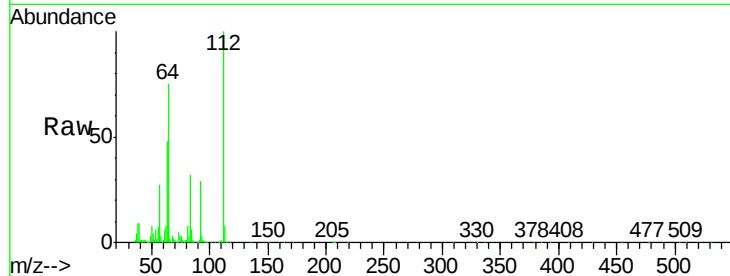
BNA_G

ClientSampleId :

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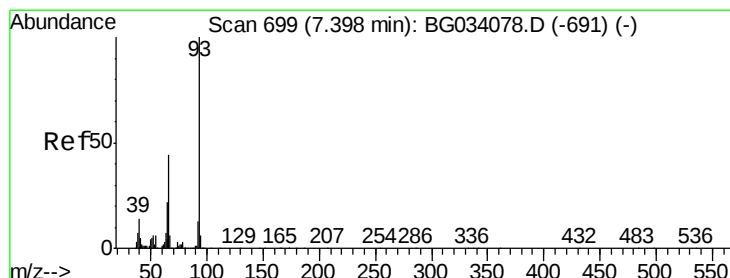
Tot Ion:	112	Resp:	688189
Ion Ratio	Lower	Upper	
112	100		
64	75.4	56.3	84.5
63	47.6	30.1	45.1

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#6

Aniline

Concen: 13.141 ng

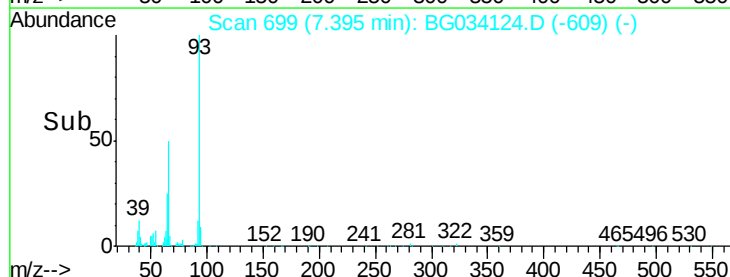
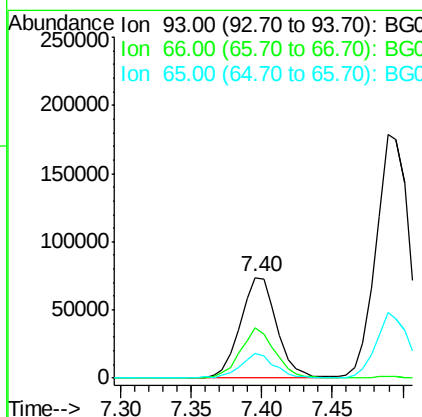
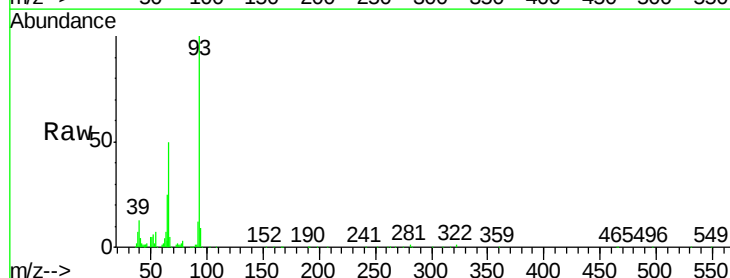
RT: 7.40 min Scan# 699

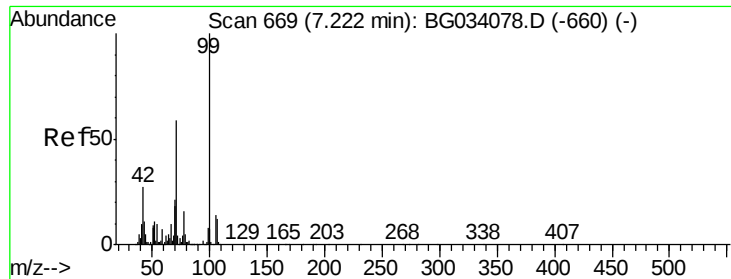
Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Tgt Ion:	93	Resp:	134265
Ion Ratio	Lower	Upper	
93	100		
66	50.1	33.7	50.5
65	25.1	16.1	24.1





#7

Phenol-d6

Concen: 128.626 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion: 99 Resp: 966247

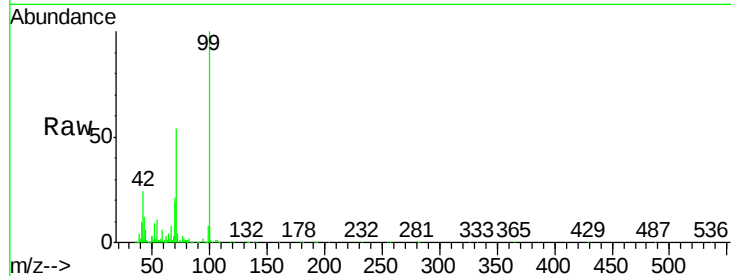
Ion Ratio Lower Upper

99 100

42 23.6 14.1 21.1#

71 54.1 26.1 39.1#

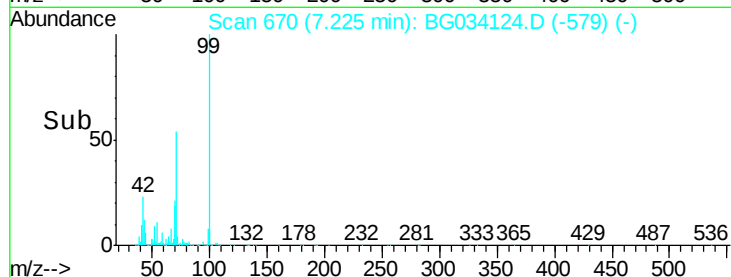
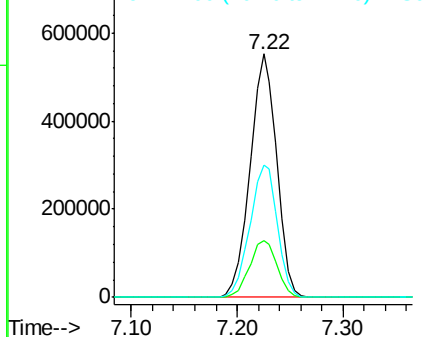
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Abundance Ion 99.00 (98.70 to 99.70): BGC

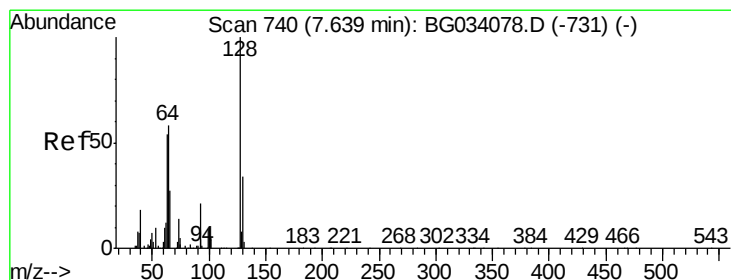
Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 53.343 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

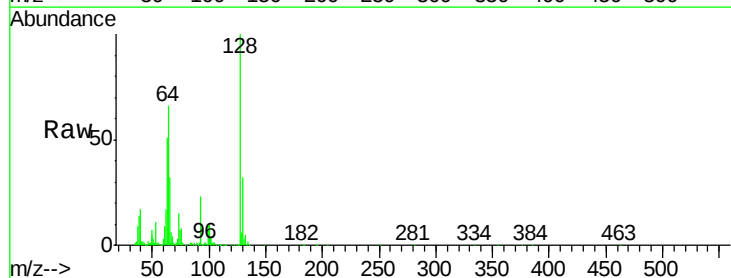
Tgt Ion: 128 Resp: 256841

Ion Ratio Lower Upper

128 100

130 31.7 14.0 54.0

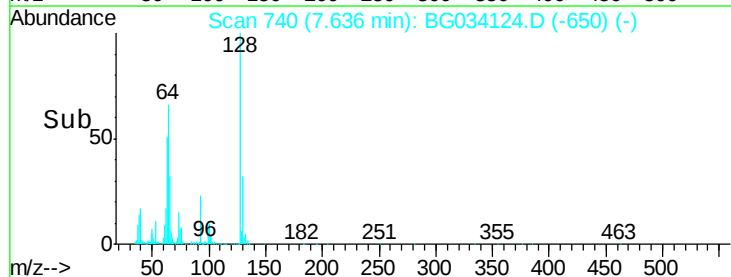
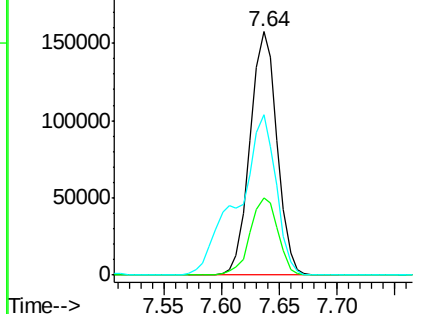
64 65.7 37.7 77.7

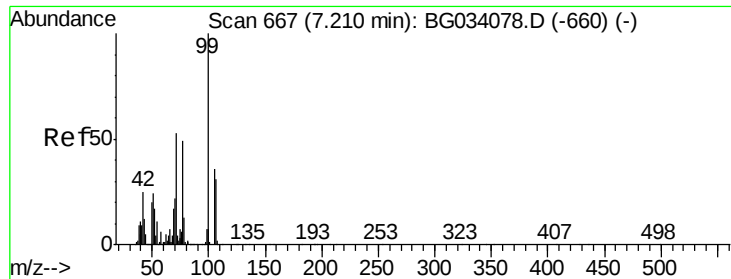


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.771 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion: 77 Resp: 63456

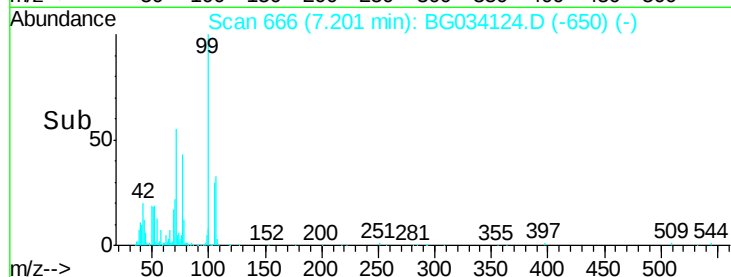
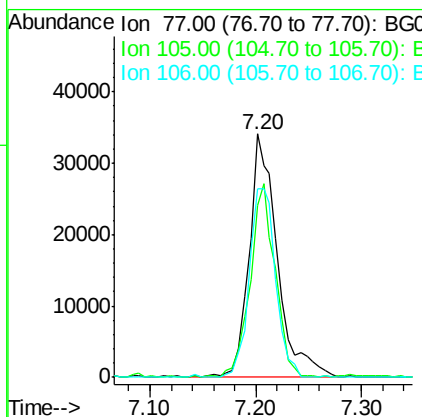
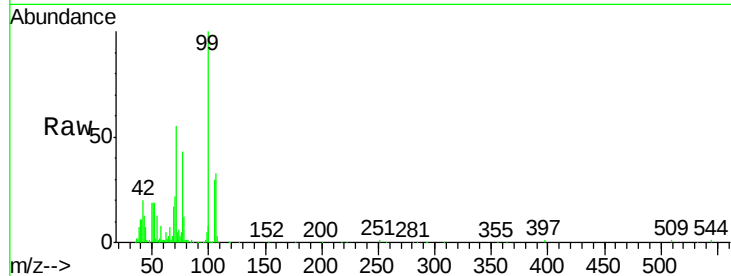
Ion Ratio Lower Upper

77 100

105 70.6 71.3 111.3#

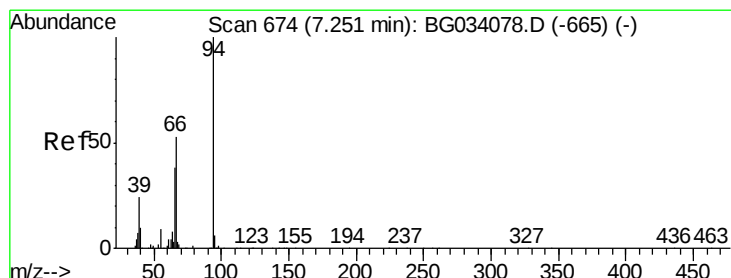
106 77.6 64.2 104.2

Manual Integrations
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#10

Phenol

Concen: 46.052 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

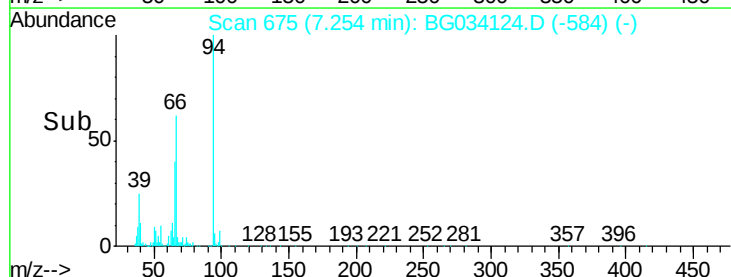
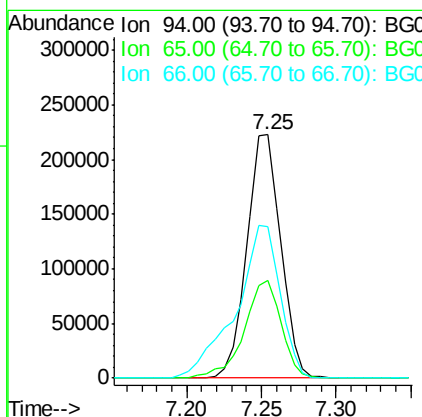
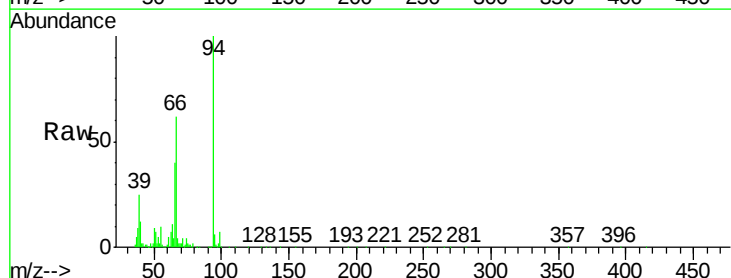
Tgt Ion: 94 Resp: 348922

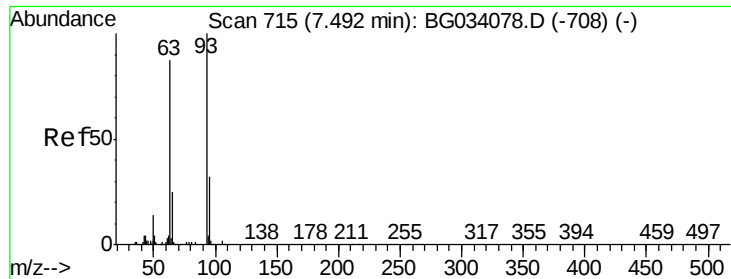
Ion Ratio Lower Upper

94 100

65 40.3 11.9 51.9

66 62.4 22.2 62.2#



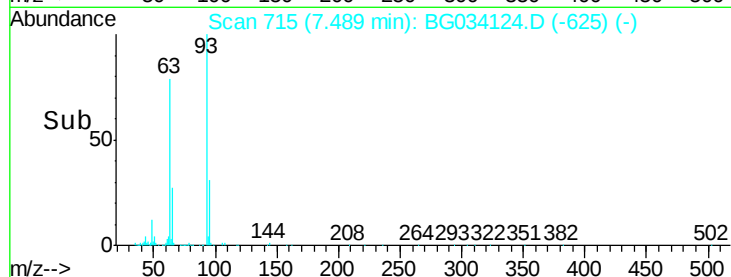
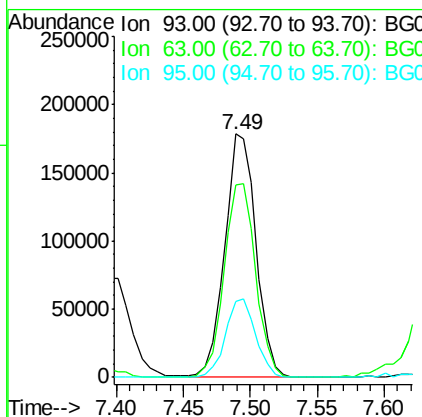
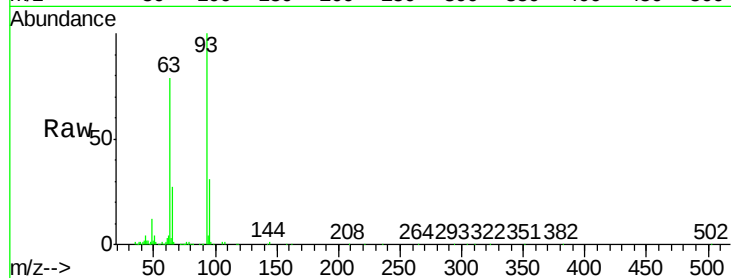


#11
bis(2-Chloroethyl)ether
Concen: 48.996 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

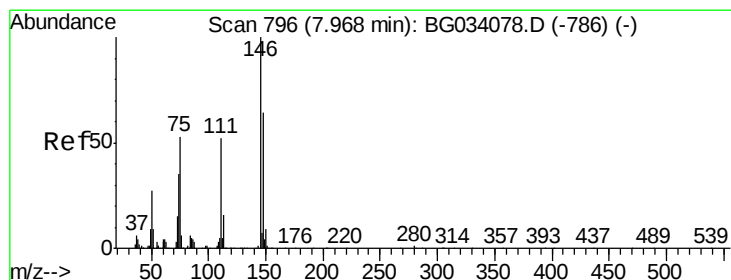
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.2	67.1	107.1
95	31.2	11.5	51.5

Manual Integrations
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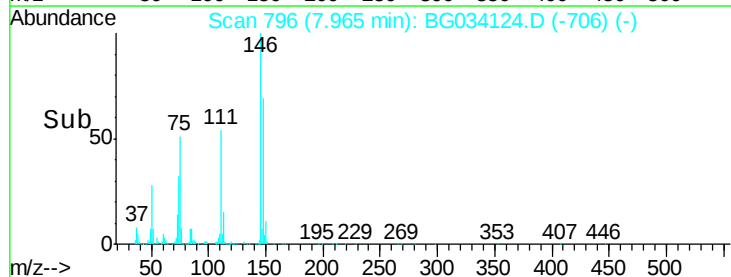
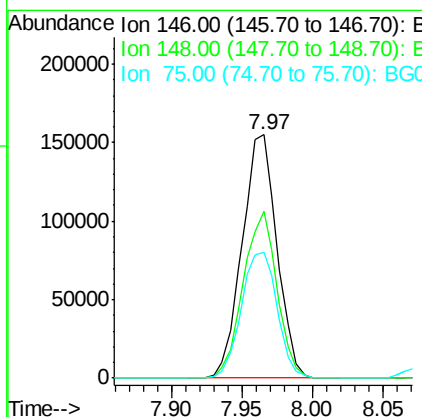
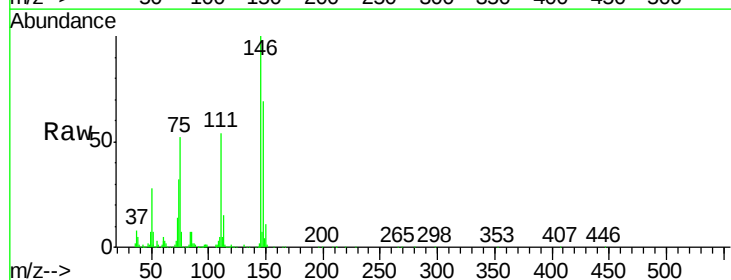
Sohil

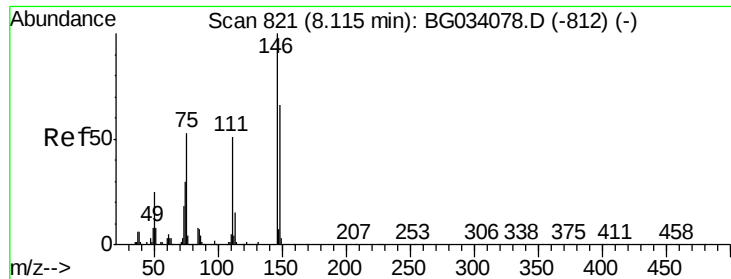
5/3/2018 4:59:35 PM



#12
1,3-Dichlorobenzene
Concen: 43.984 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	51.4	77.2
75	51.6	26.6	39.8#



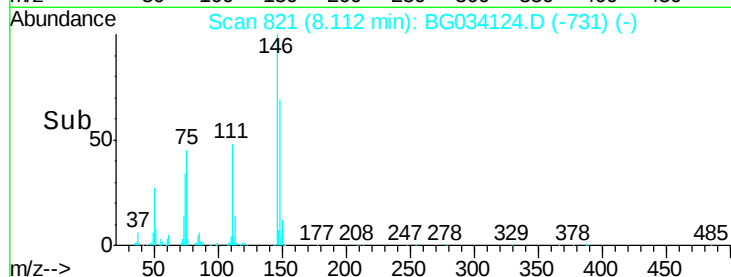
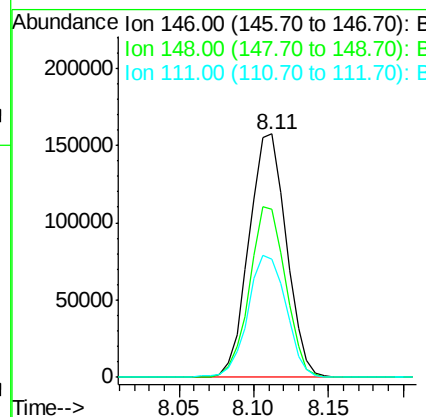
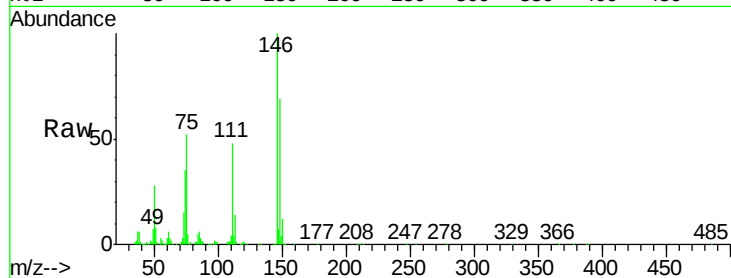


#13
1,4-Dichlorobenzene
Concen: 44.922 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

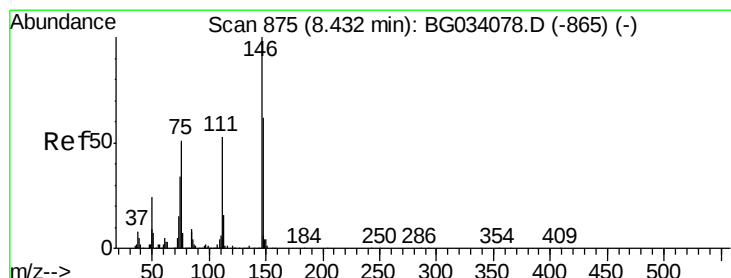
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.7	80.5
111	48.4	35.2	52.8

Manual Integrations
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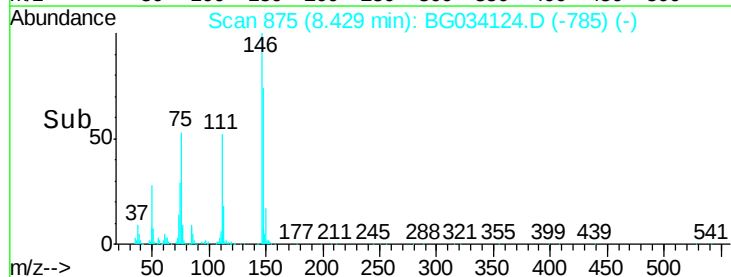
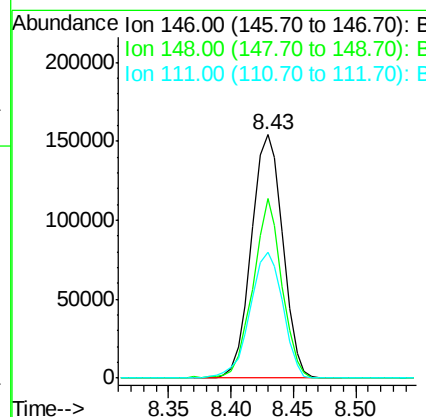
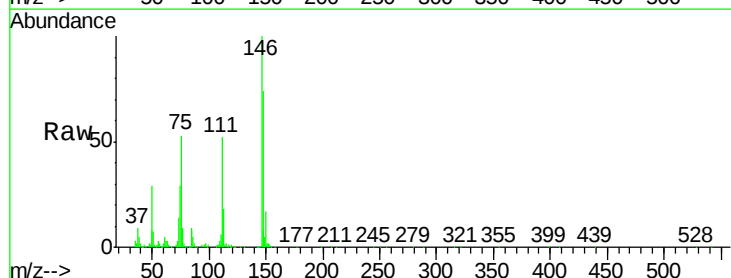
Sohil

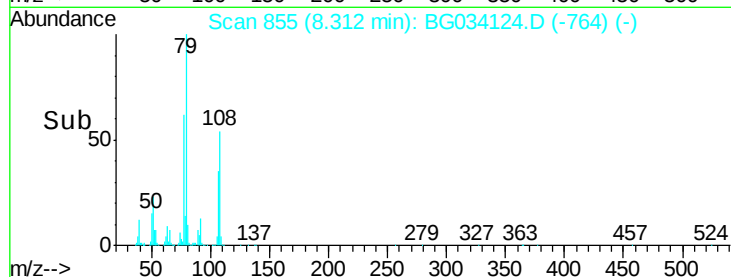
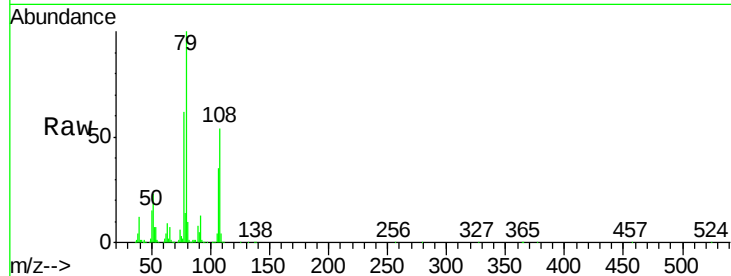
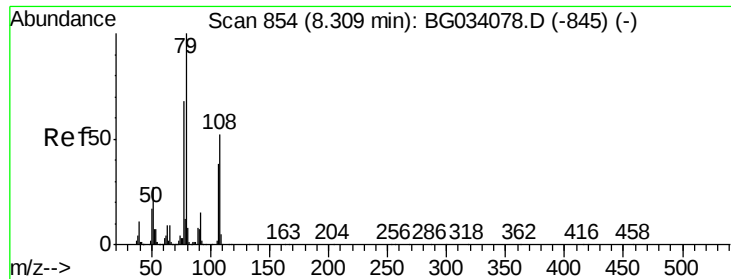
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#14
1,2-Dichlorobenzene
Concen: 46.808 ng m
RT: 8.43 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	73.8	49.3	73.9
111	51.6	34.3	51.5



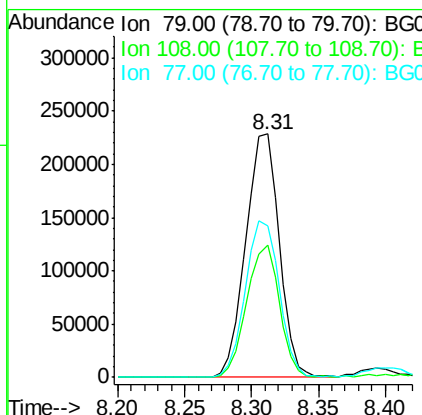


#15
Benzyl Alcohol
Concen: 49.669 ng
RT: 8.31 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tot Ion	Ratio	Lower	Upper
79	100		
108	54.1	57.2	85.8#
77	62.4	46.1	69.1

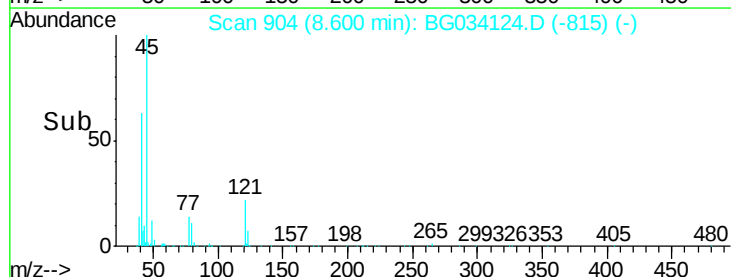
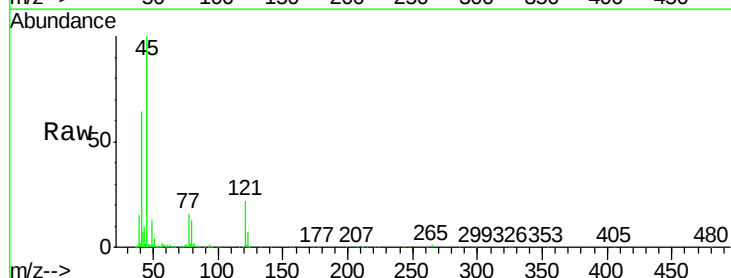
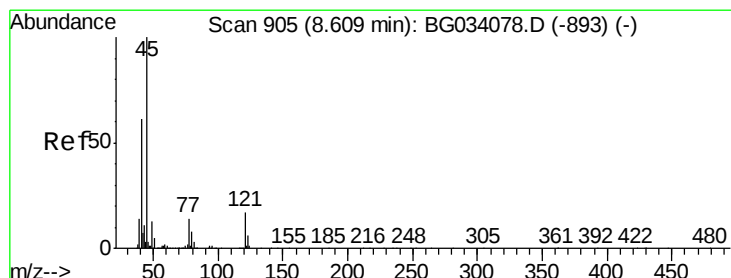
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

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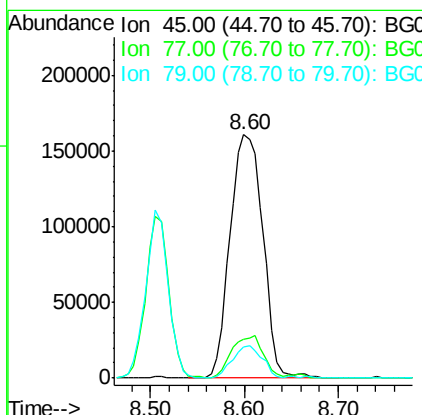
Sohil

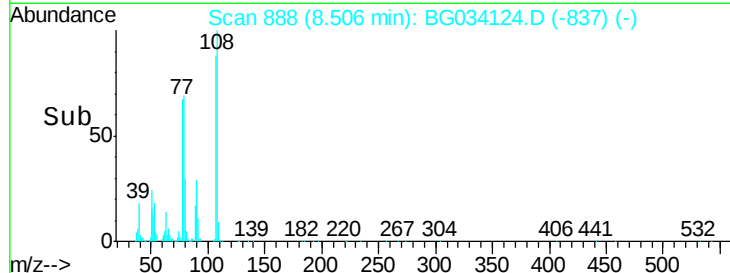
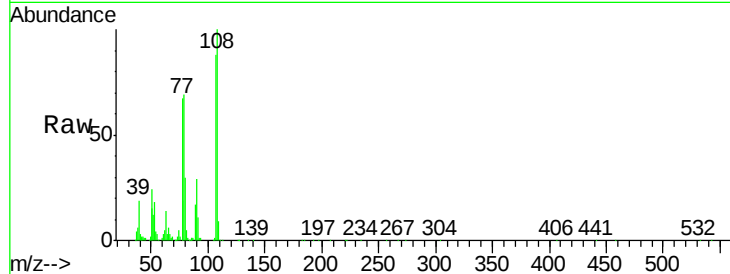
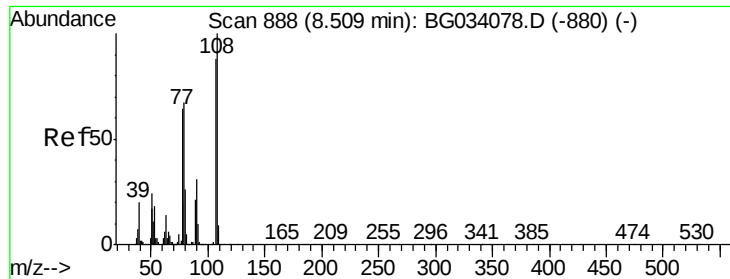
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.445 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

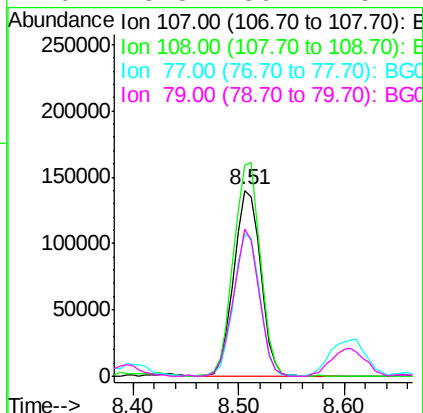
Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	30.2
79	12.5	0.0	27.9





#17
2-Methylphenol
Concen: 49.417 ng
RT: 8.51 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	83.9	125.9	
77	76.4	37.2	55.8	
79	78.8	36.2	54.2	

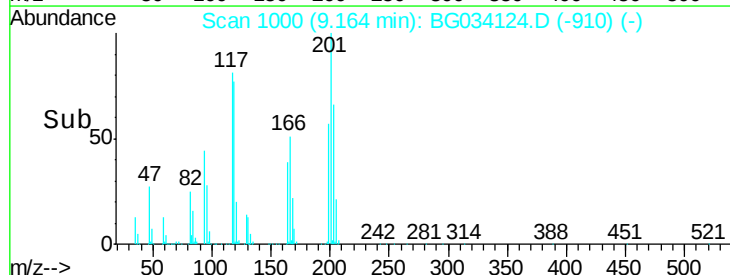
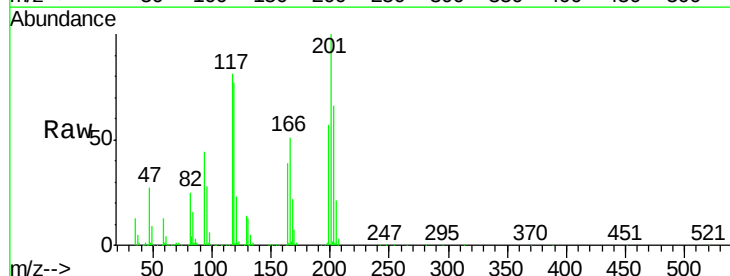
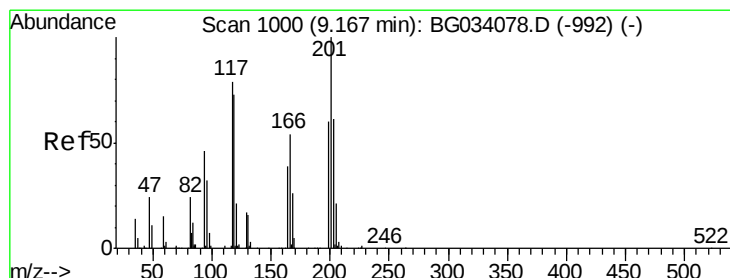


Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

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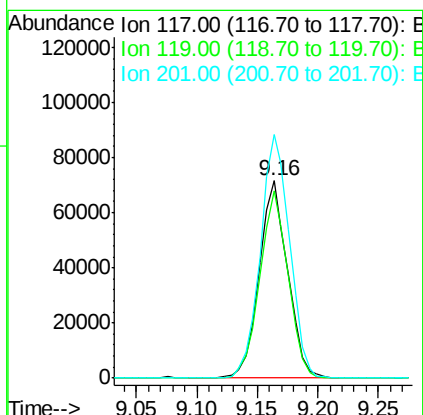
Sohil

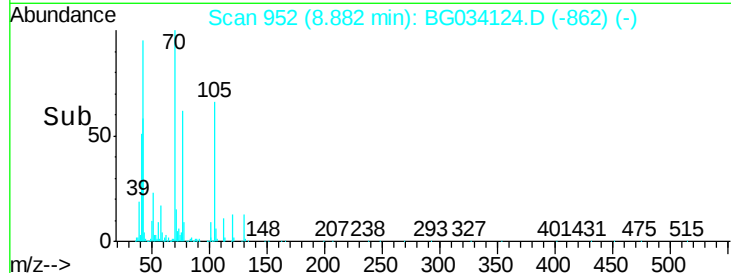
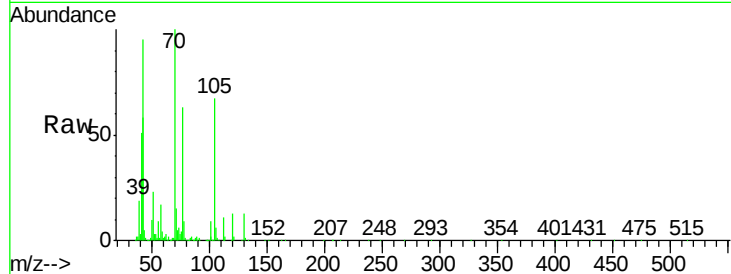
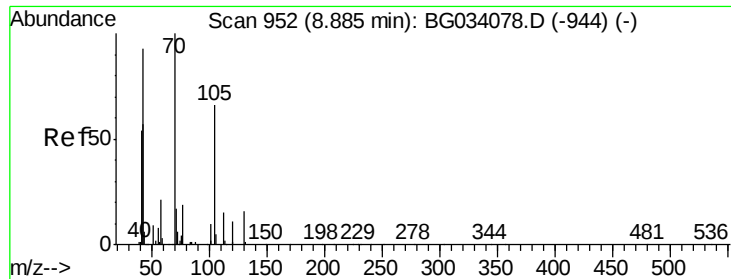
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#18
Hexachloroethane
Concen: 45.451 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

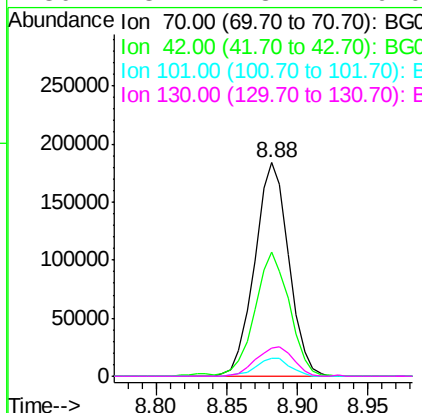
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	76.7	115.1	
201	123.3	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 46.247 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.2	49.1	73.7	
101	8.5	8.5	12.7	
130	13.2	13.4	20.0	#

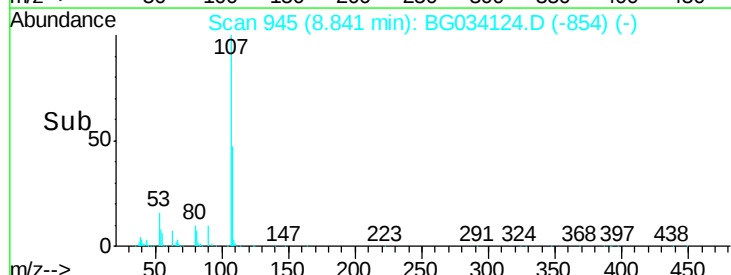
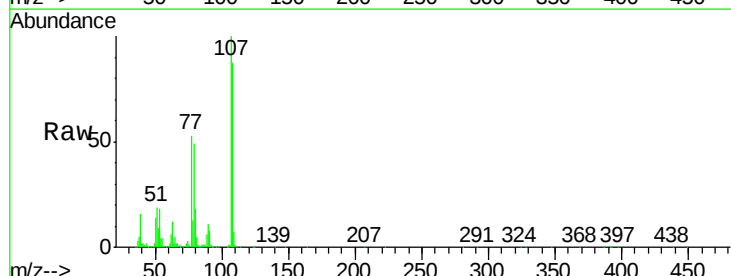
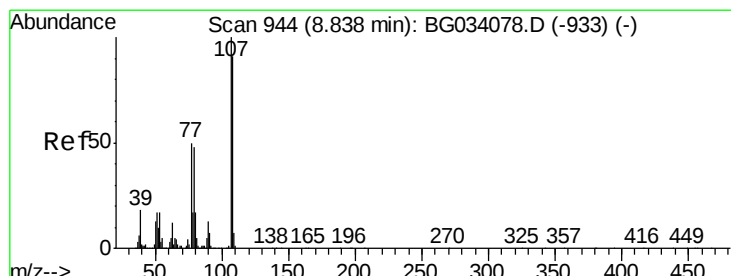


Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

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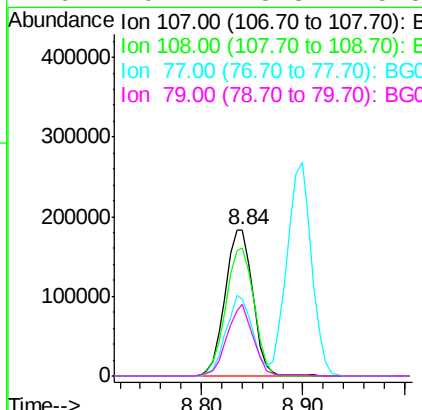
Sohil

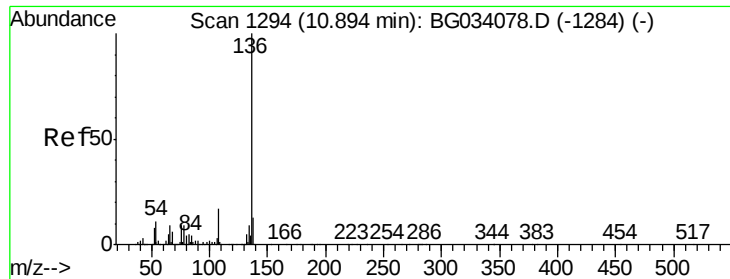
5/3/2018 4:59:35 PM



#20
3+4-Methylphenols
Concen: 47.200 ng
RT: 8.84 min Scan# 945
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	61.6	101.6	
77	52.9	13.9	53.9	
79	49.2	8.8	48.8	#



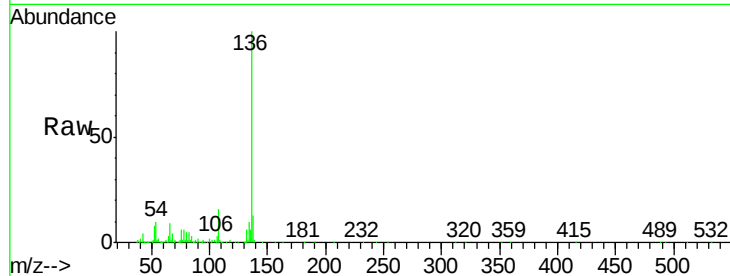


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

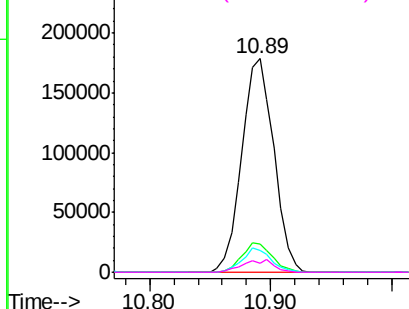
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	13.0	9.2	13.8	
54	10.4	10.3	15.5	
68	4.5	4.5	6.7#	

Manual Integrations
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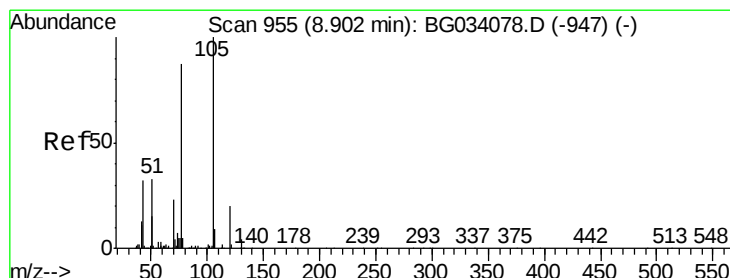
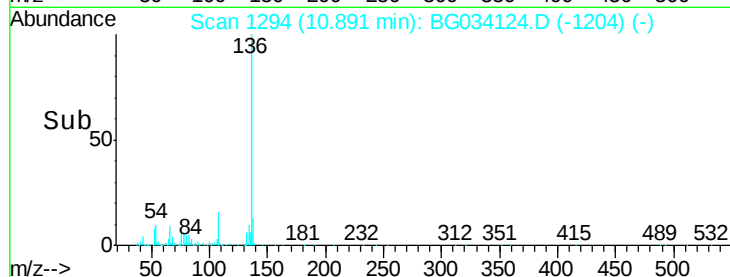


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Sohil

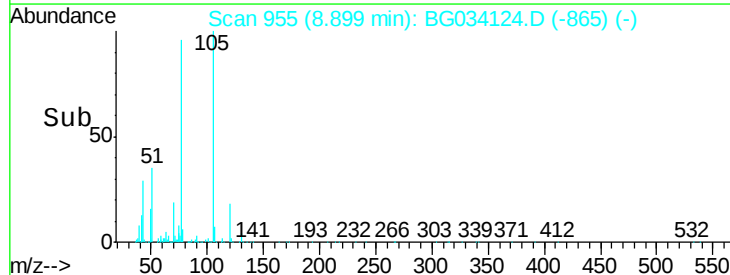
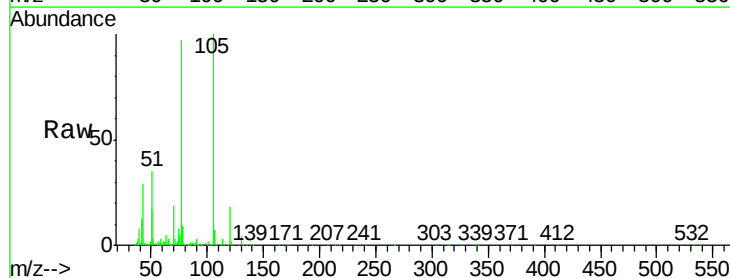
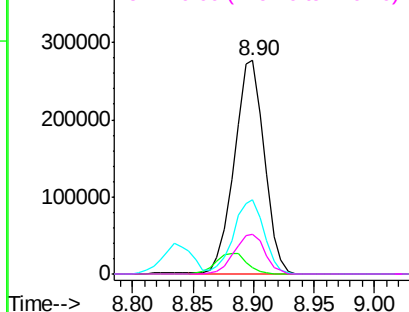
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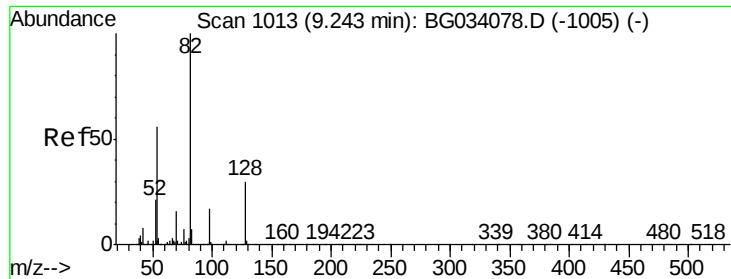


#22
Acetophenone
Concen: 42.716 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.3	3.0	4.4	
51	34.9	26.1	39.1	
120	18.5	17.4	26.2	

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



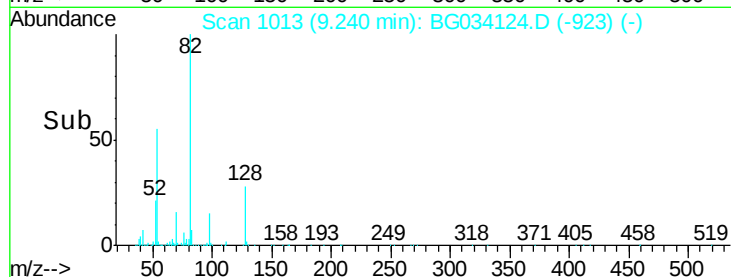
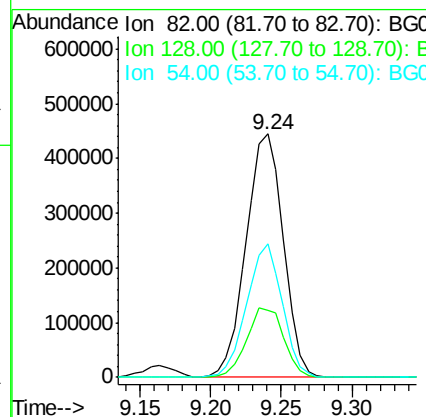
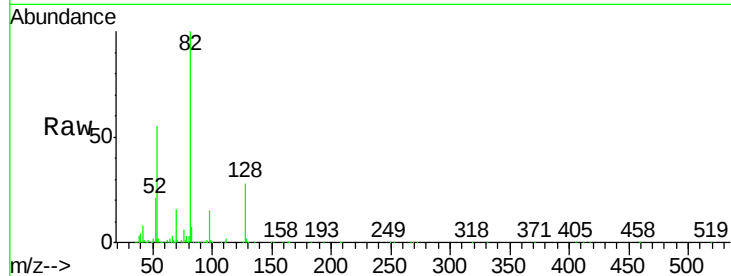


#23
Nitrobenzene-d5
Concen: 95.915 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

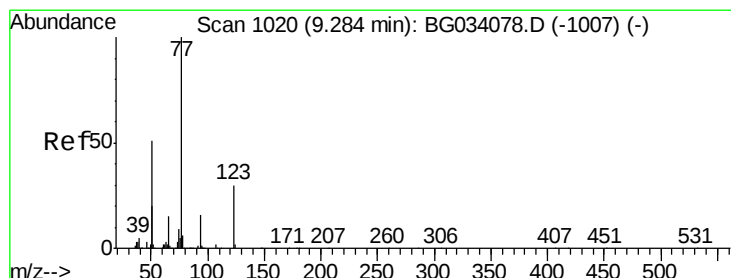
Tot Ion	Ratio	Lower	Upper
82	100		
128	27.6	29.7	44.5#
54	54.9	43.1	64.7

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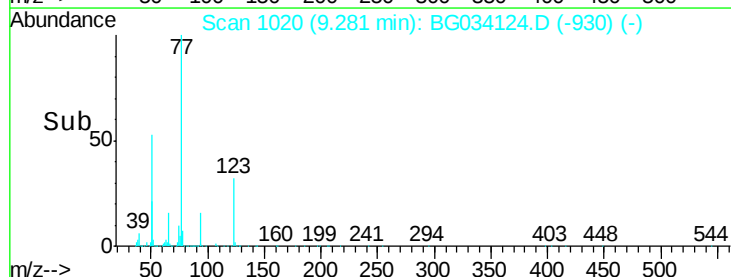
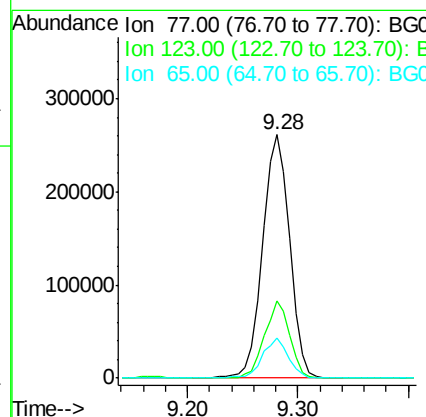
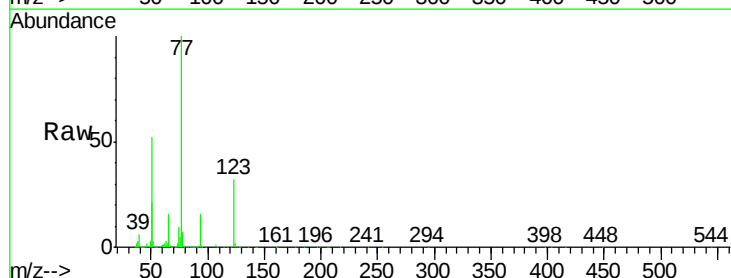
Sohil

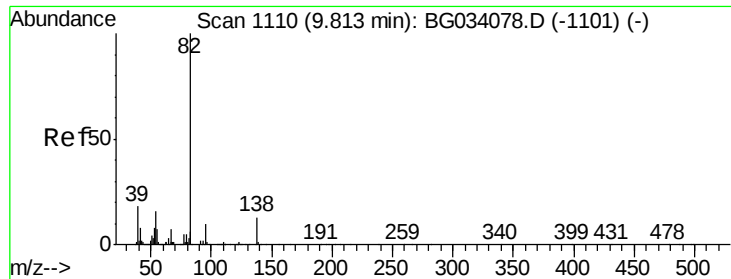
5/3/2018 4:59:35 PM



#24
Nitrobenzene
Concen: 47.707 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.7	33.0	49.6#
65	16.4	13.0	19.6



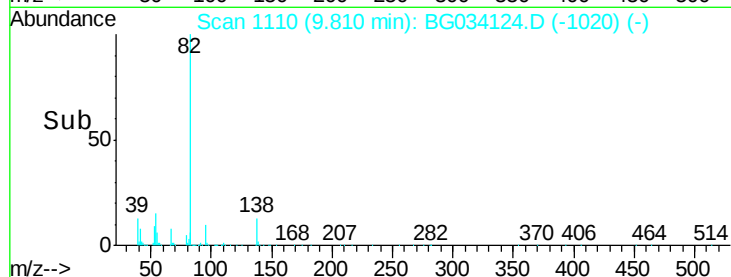
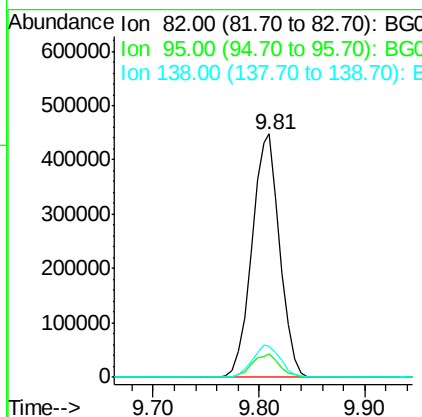
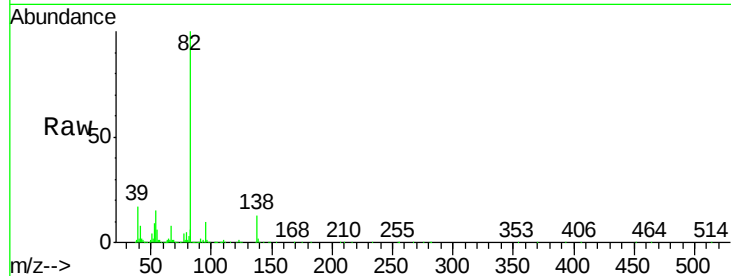


#25
Isophorone
Concen: 46.503 ng
RT: 9.81 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

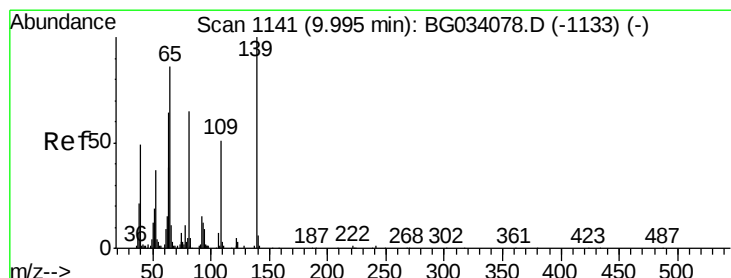
Tot Ion	Ratio	Lower	Upper
82	100		
95	9.7	6.2	9.2#
138	12.5	12.1	18.1

Manual Integrations
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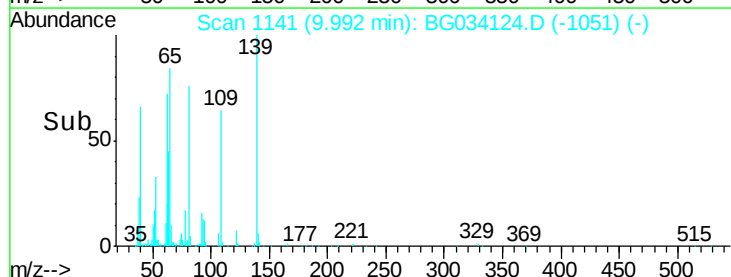
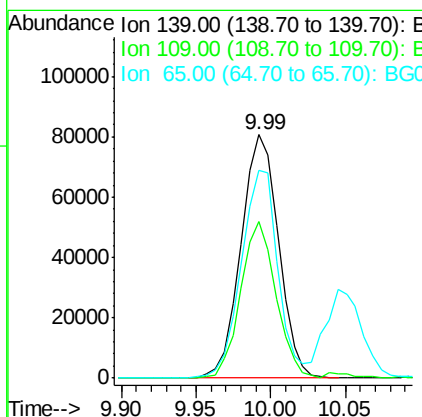
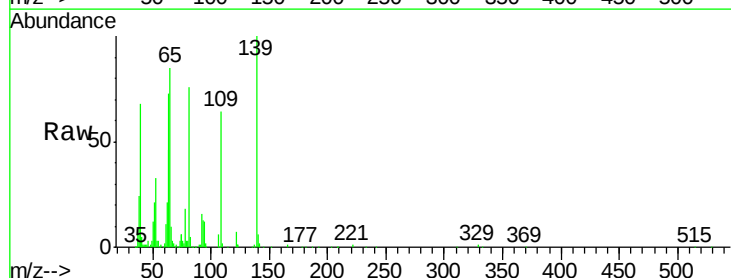
Sohil

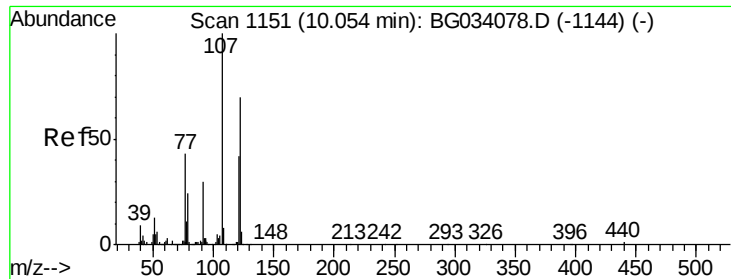
5/3/2018 4:59:35 PM



#26
2-Nitrophenol
Concen: 53.774 ng
RT: 9.99 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	24.2	36.2#
65	85.2	47.4	71.0#



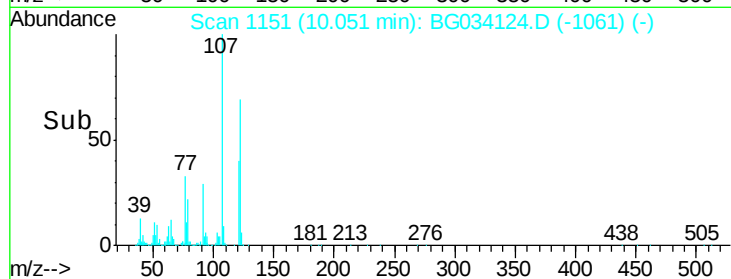
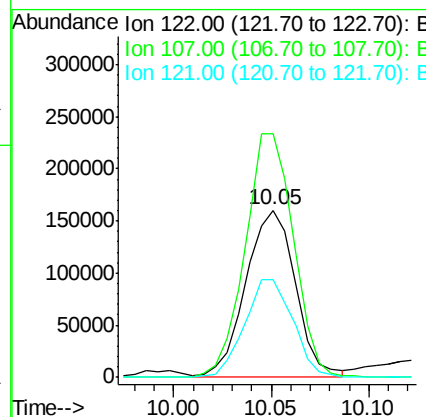
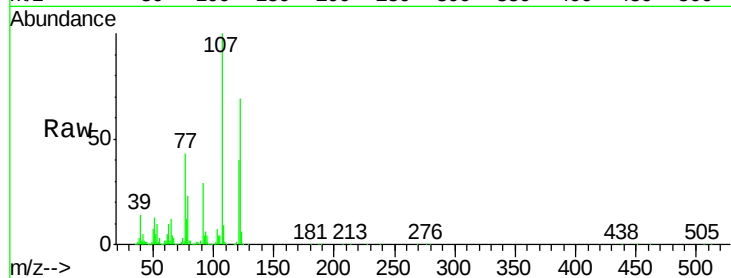


#27
2,4-Dimethylphenol
Concen: 55.576 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

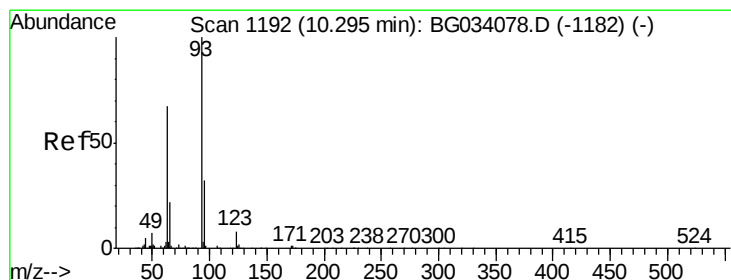
Tot Ion	Ratio	Lower	Upper
122	100		
107	145.8	100.2	150.2
121	58.5	44.4	66.6

Manual Integrations
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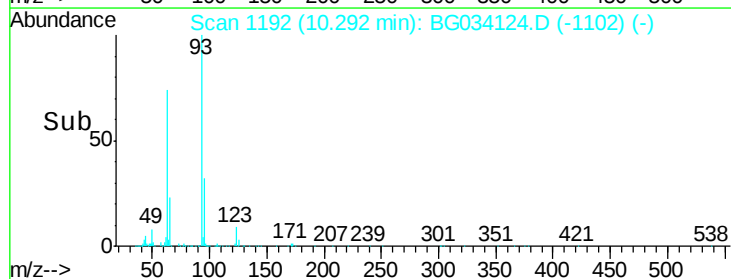
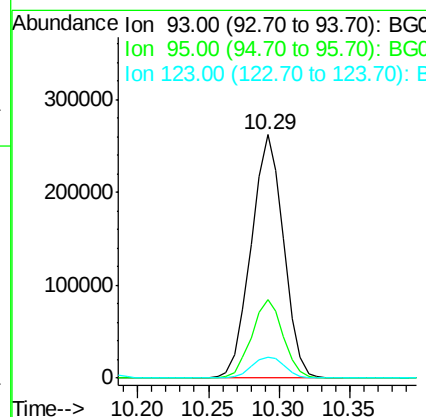
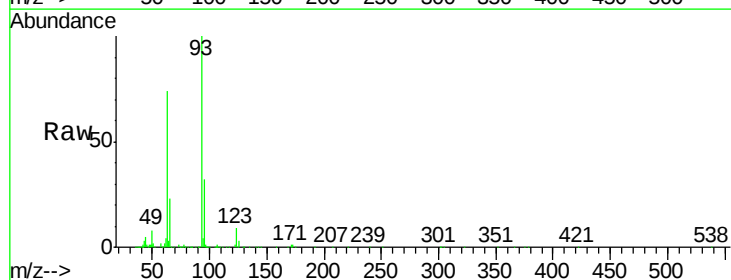
Sohil

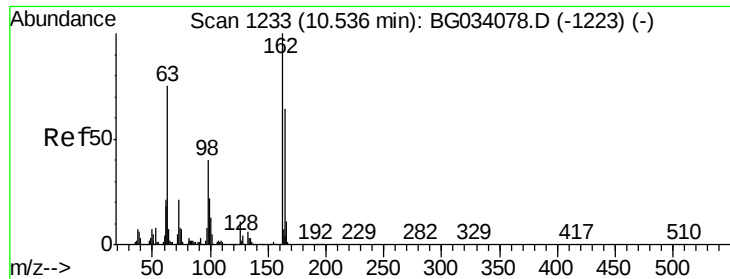
5/3/2018 4:59:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.938 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.3	36.5
123	8.7	8.4	12.6



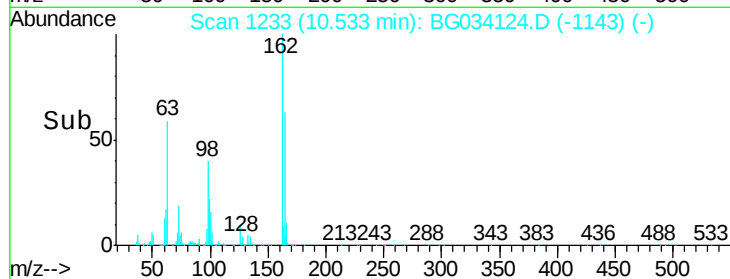
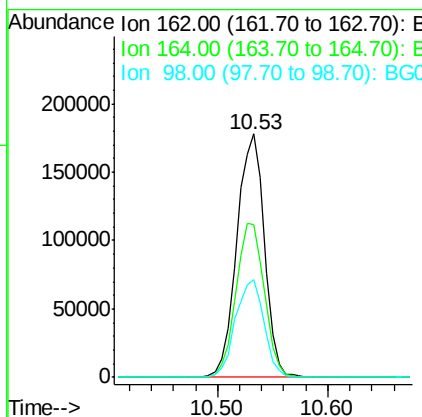
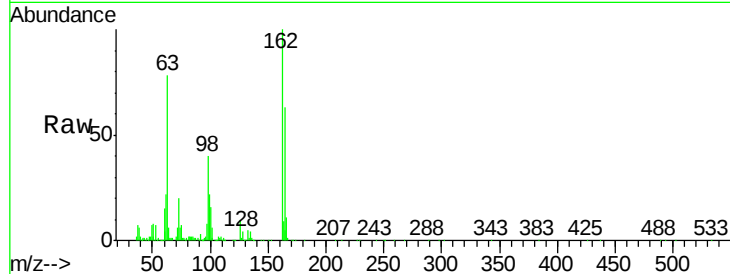


#29
2,4-Dichlorophenol
Concen: 51.598 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

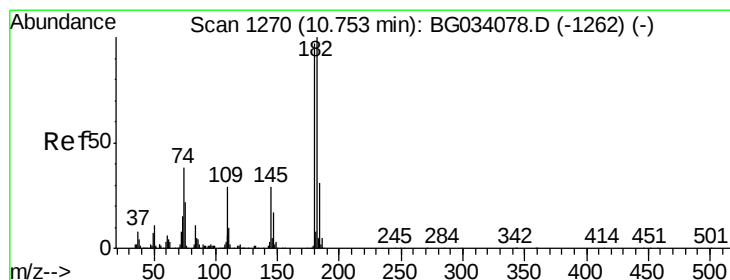
Tot Ion	Ratio	Resp	Lower	Upper
162	100	311777		
164	63.0	48.0	88.0	
98	40.2	21.1	61.1	

Manual Integrations
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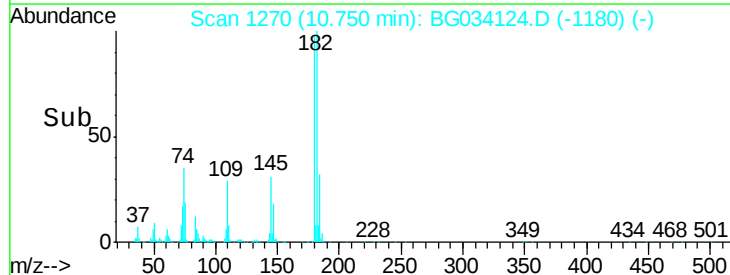
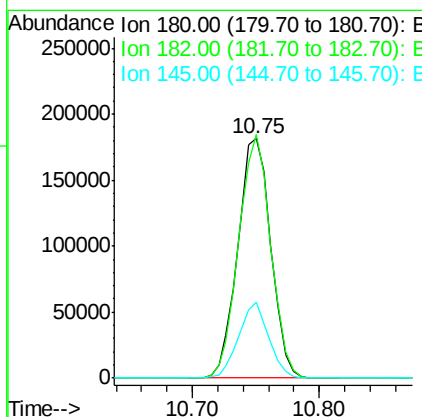
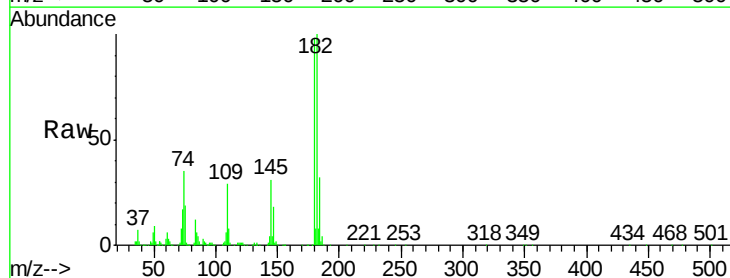
Sohil

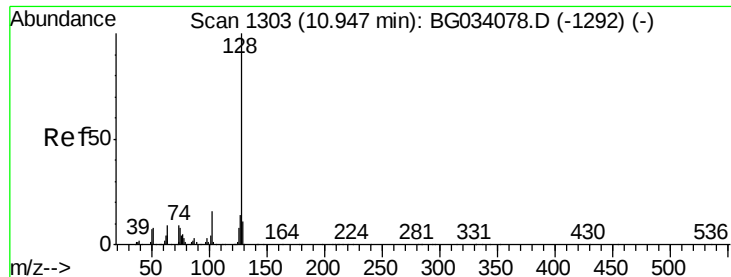
5/3/2018 4:59:35 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.962 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	327131		
182	101.6	77.5	116.3	
145	31.9	23.4	35.2	



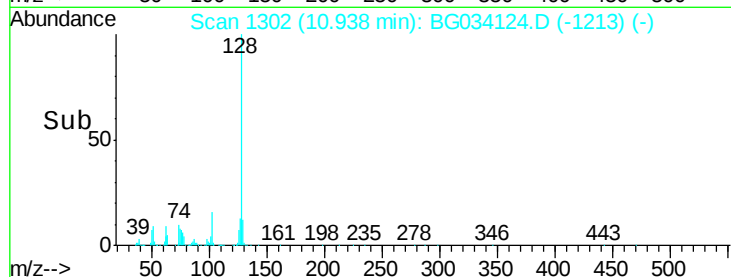
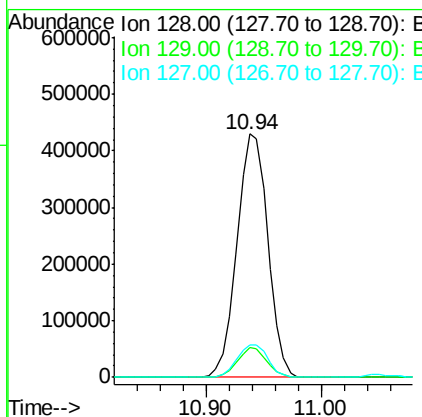
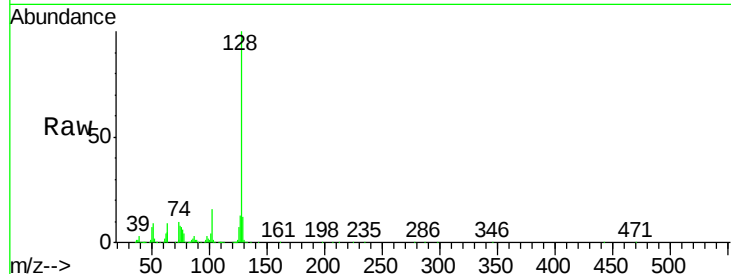


#31
Naphthalene
Concen: 45.772 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

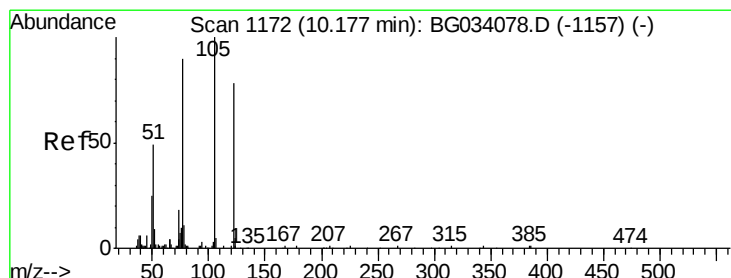
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	12.8
127	13.3	11.6	17.4

Manual Integrations
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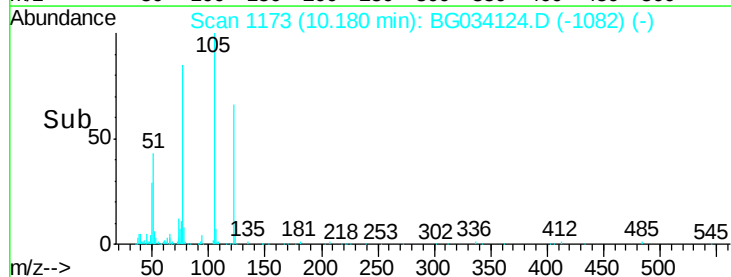
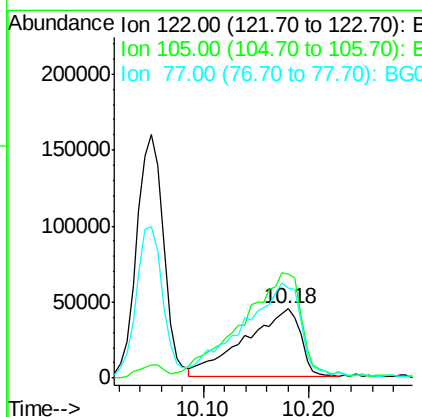
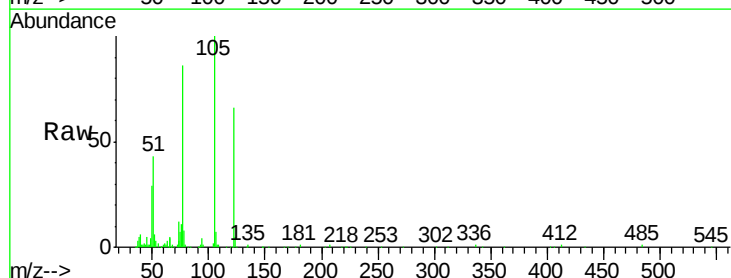
Sohil

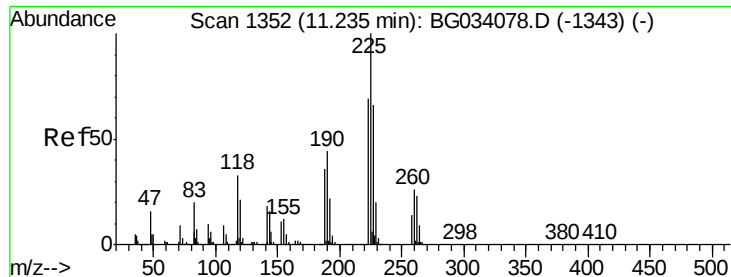
5/3/2018 4:59:35 PM



#32
Benzoic acid
Concen: 37.780 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.1	123.5	163.5
77	130.3	85.7	125.7#



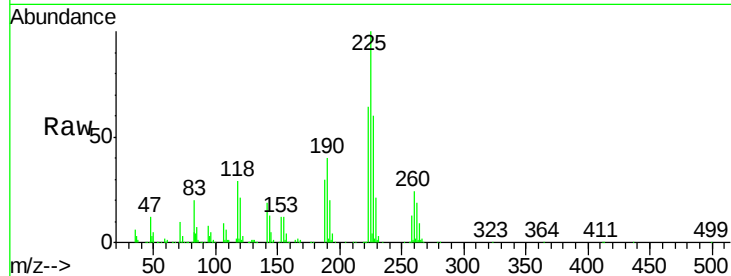


#34
Hexachlorobutadiene
Concen: 44.946 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

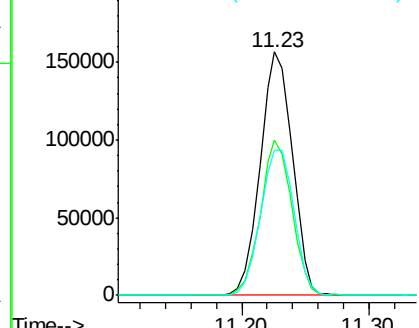
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	59.6	48.1	72.1

Manual Integrations
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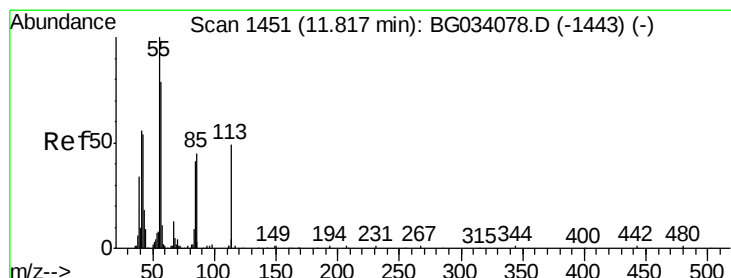
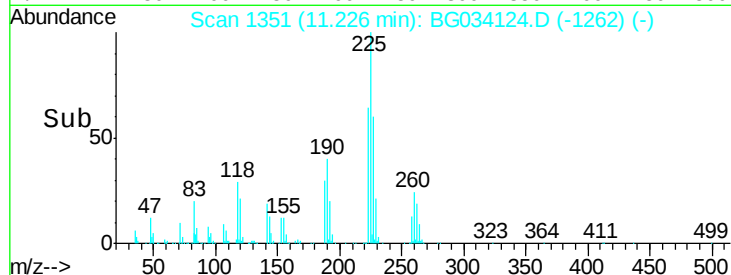


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



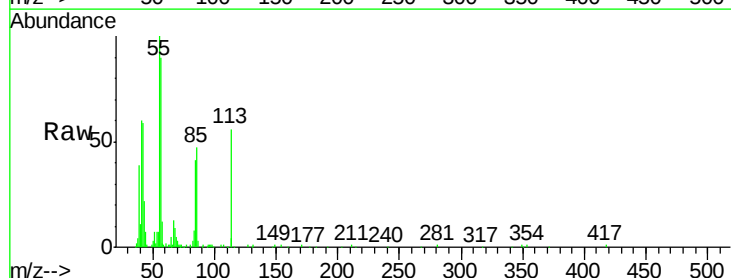
Sohil

5/3/2018 4:59:35 PM

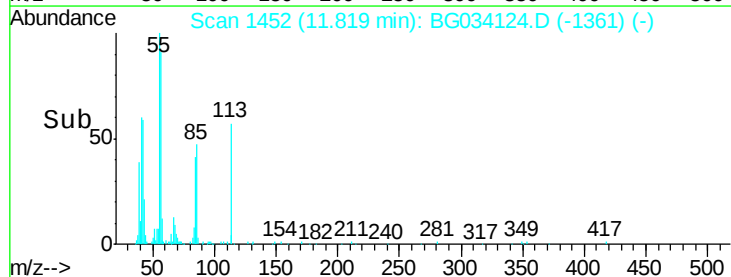
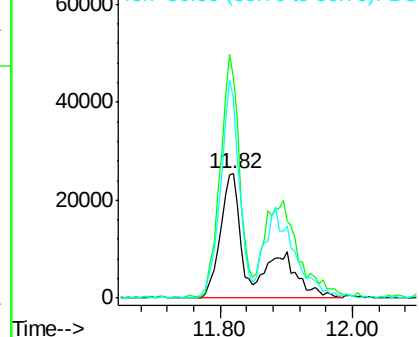


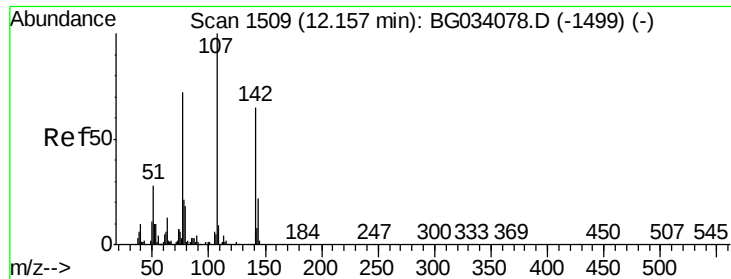
#35
Caprolactam
Concen: 39.103 ng m
RT: 11.82 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
113	100		
55	177.9	186.9	226.9#
56	161.0	130.9	170.9



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0



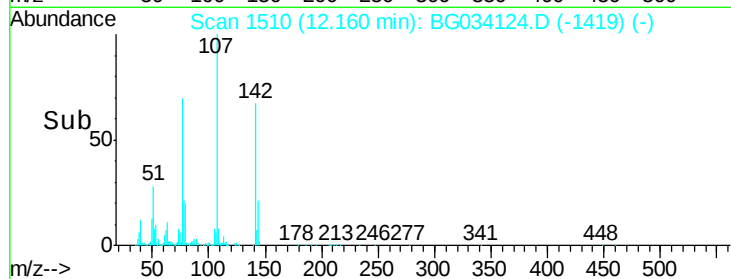
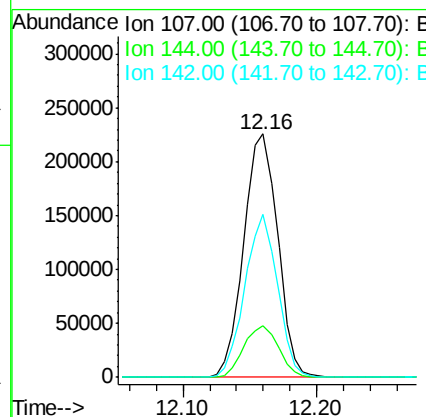
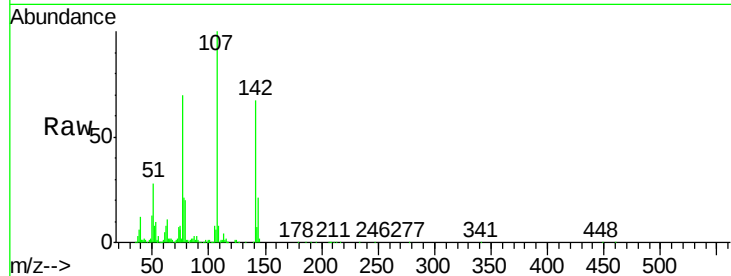


#36
 4-Chloro-3-methylphenol
 Concen: 50.591 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-AMSD

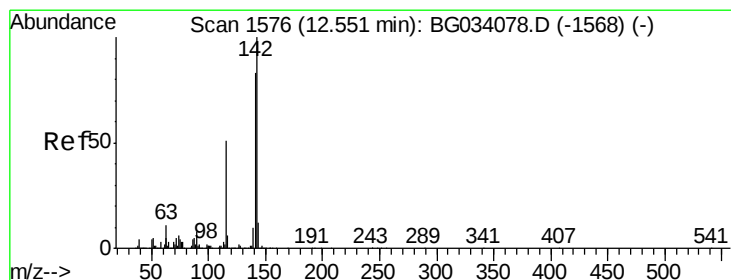
Tot Ion	Ratio	Lower	Upper
107	100		
144	21.0	18.2	27.4
142	67.1	59.0	88.4

Manual Integrations
 APPROVED



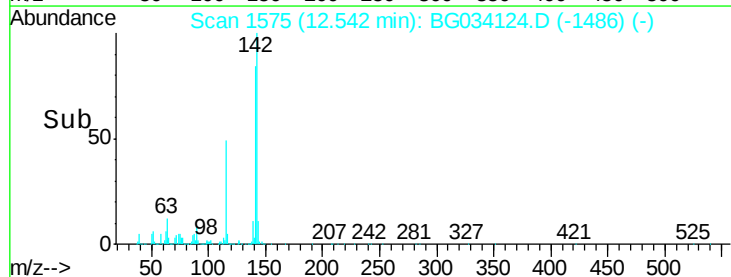
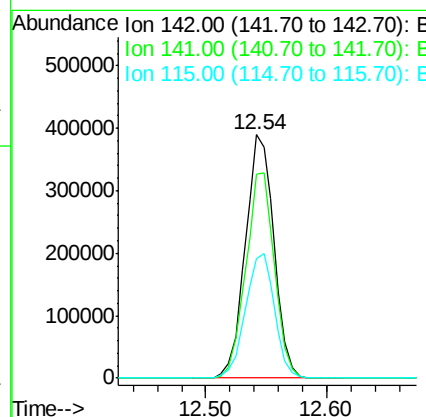
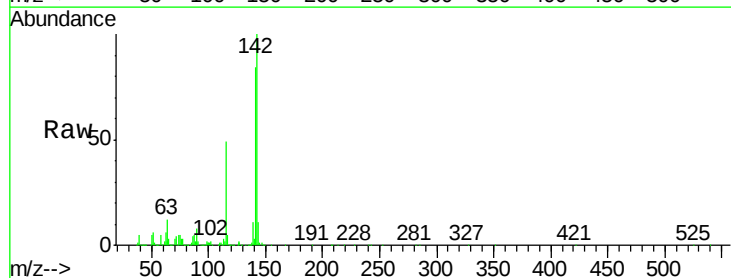
Sohil

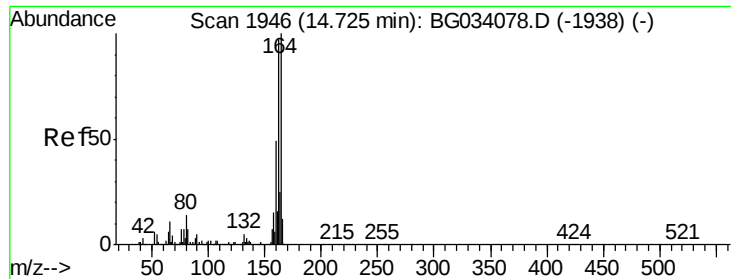
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#37
 2-Methylnaphthalene
 Concen: 45.618 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.6	67.1	100.7
115	49.0	30.7	46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

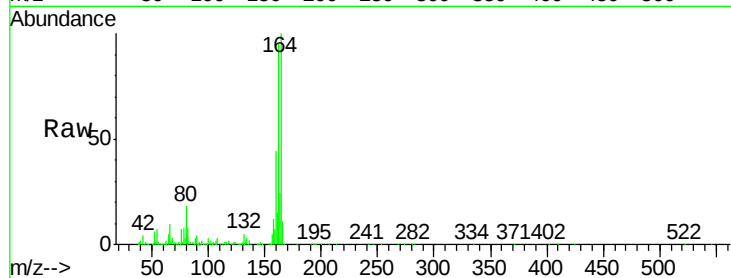
BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion:	164	Resp:	266988
Ion Ratio	Lower	Upper	
164	100		
162	94.5	78.8	118.2
160	43.8	35.4	53.0

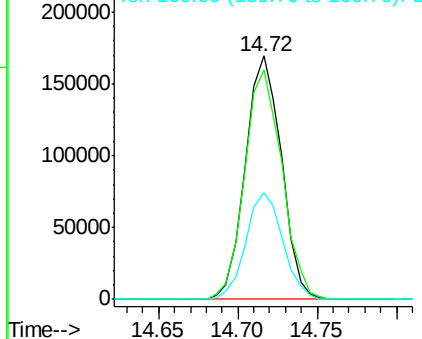
Manual Integrations
APPROVED



Abundance Ion 164.00 (163.70 to 164.70): E

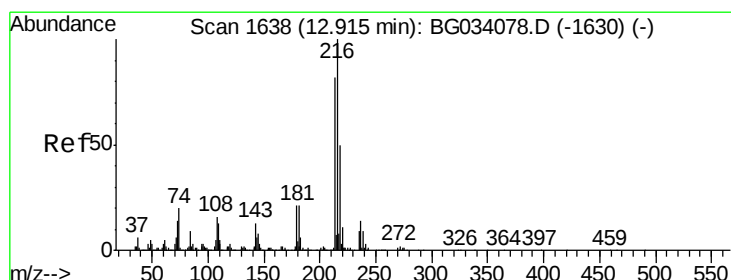
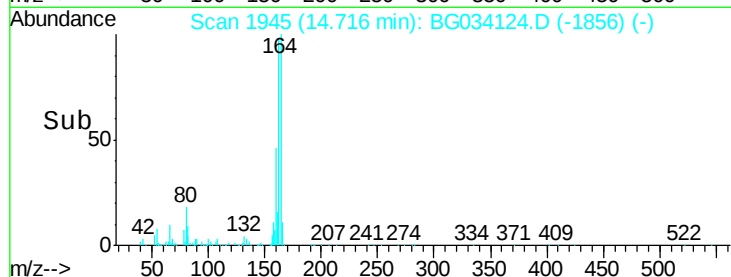
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Sohil

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.155 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

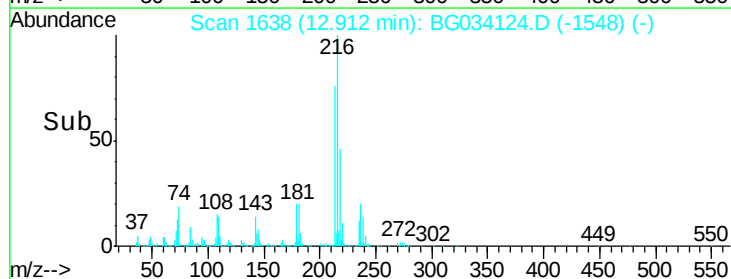
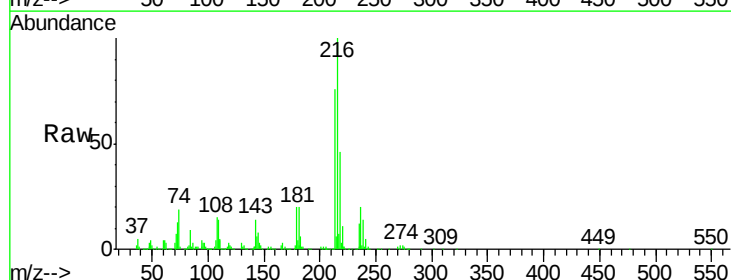
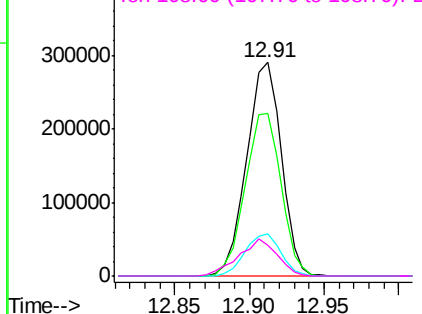
Tgt Ion:	216	Resp:	466511
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.4
179	20.2	17.0	25.6
108	19.3	12.8	19.2#

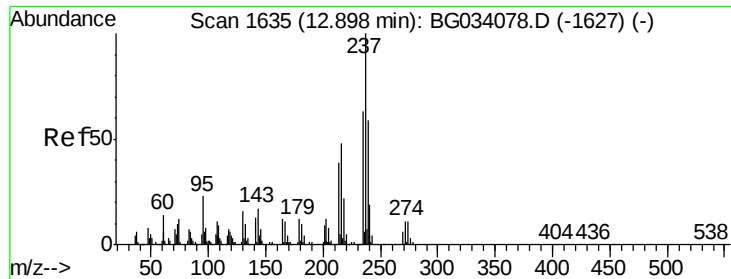
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



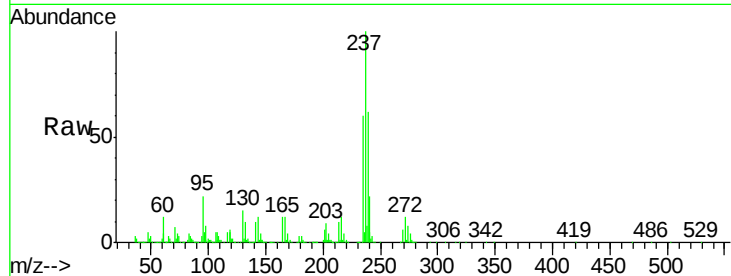


#40
Hexachlorocyclopentadiene
Concen: 103.611 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	59.9	50.4	90.4
272	11.8	0.0	31.8

Manual Integrations
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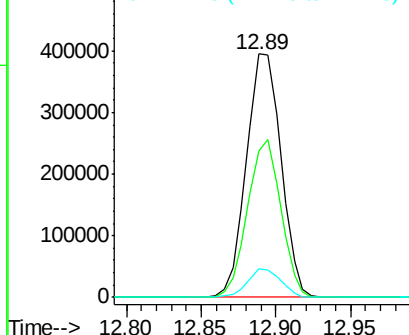


Abundance

Ion 236.80 (236.50 to 237.50): E

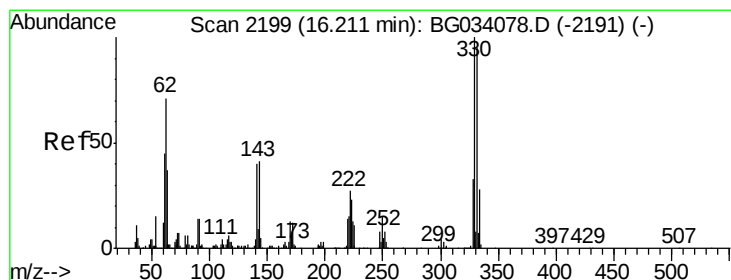
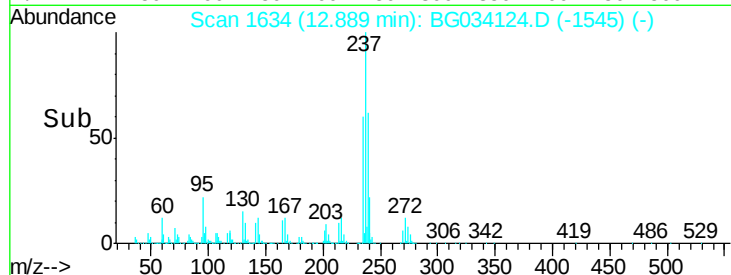
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



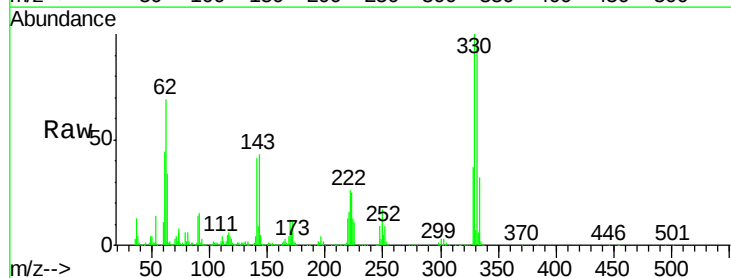
Sohil

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#41
2,4,6-Tribromophenol
Concen: 135.944 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	42.9	25.2	37.8

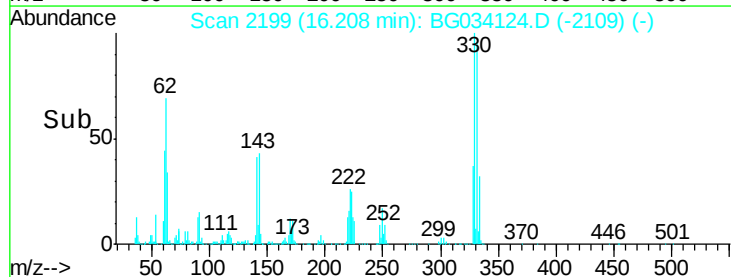
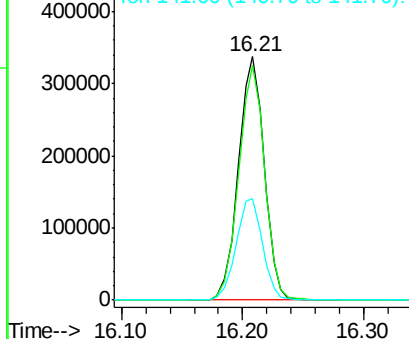


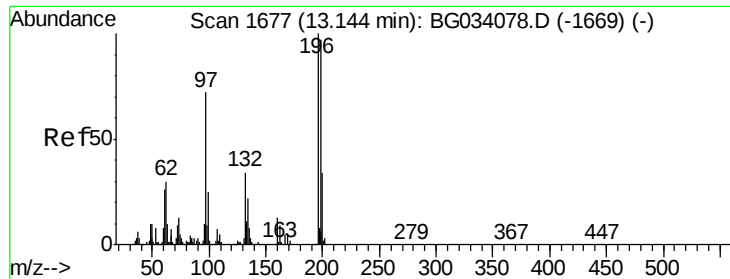
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



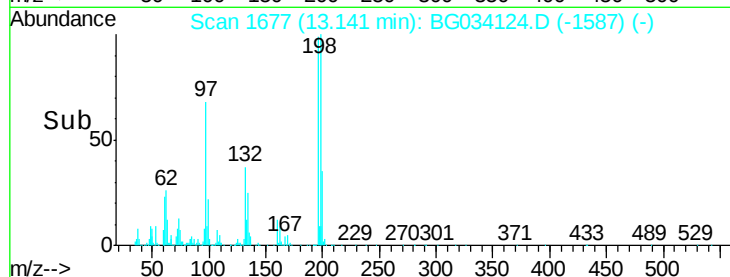
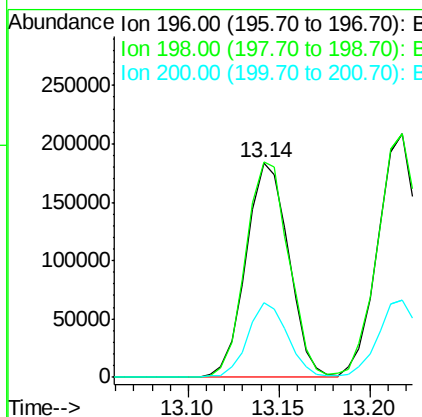
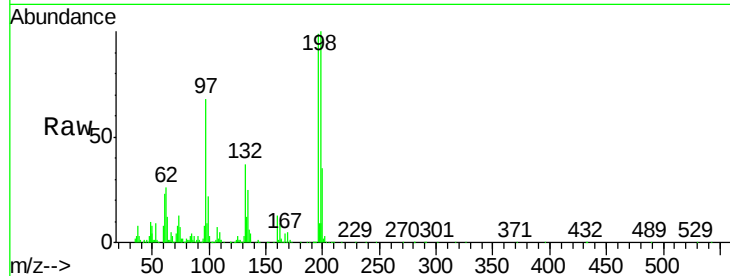


#42
 2,4,6-Trichlorophenol
 Concen: 50.209 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-AMSD

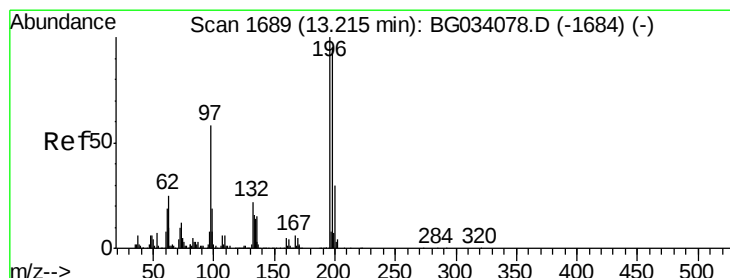
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	78.2	117.2
200	34.9	24.6	36.8

Manual Integrations
 APPROVED



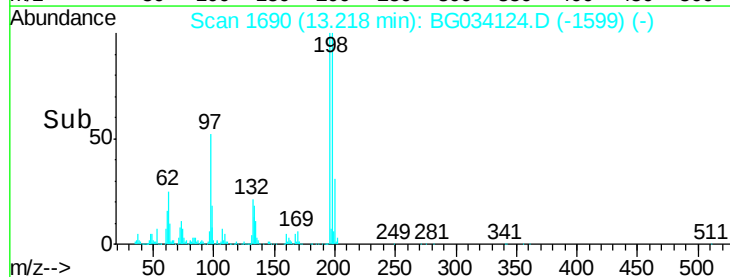
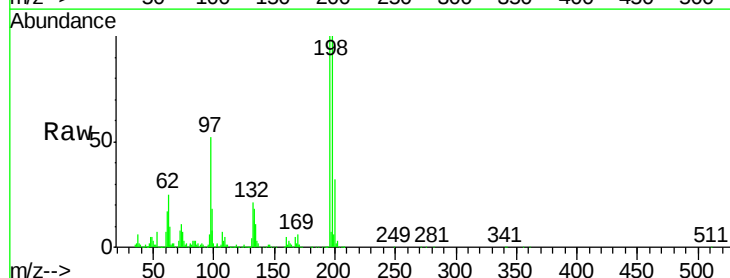
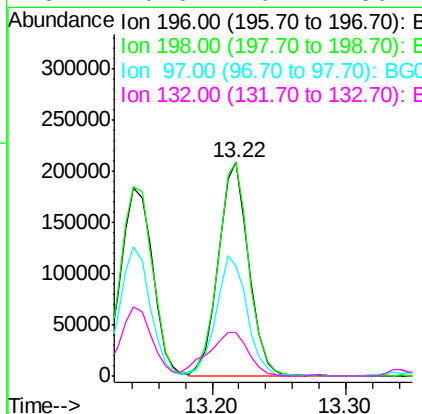
Sohil

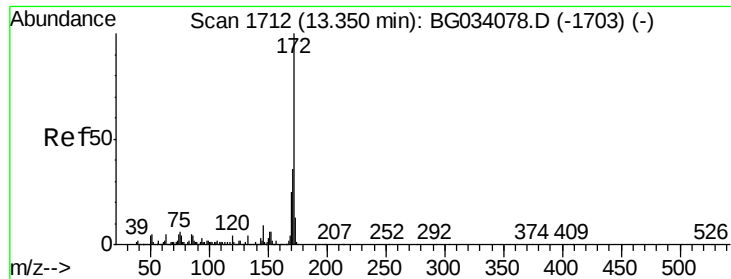
5/3/2018 4:59:35 PM



#43
 2,4,5-Trichlorophenol
 Concen: 49.999 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	76.2	114.4
97	51.8	38.7	58.1
132	20.6	20.2	30.2



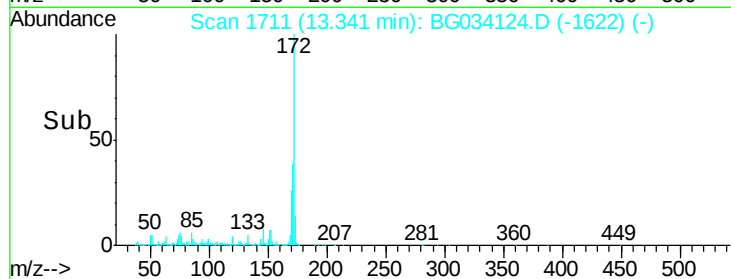
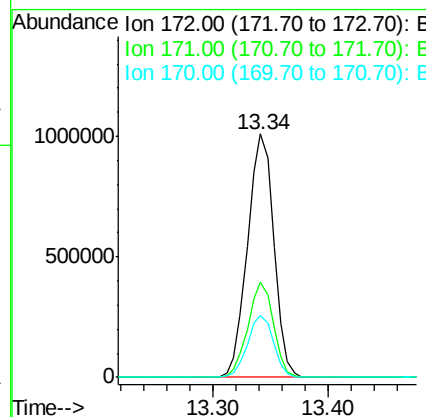
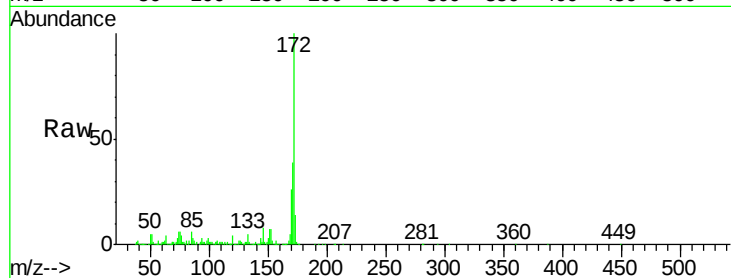


#44
2-Fluorobiphenyl
Concen: 87.082 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

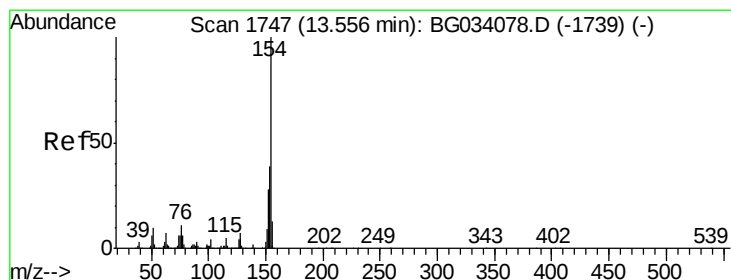
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.6	19.5	29.3

Manual Integrations
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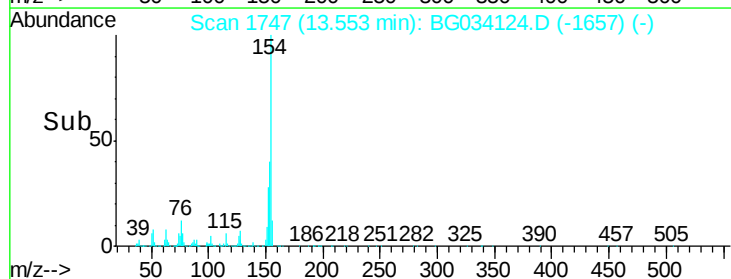
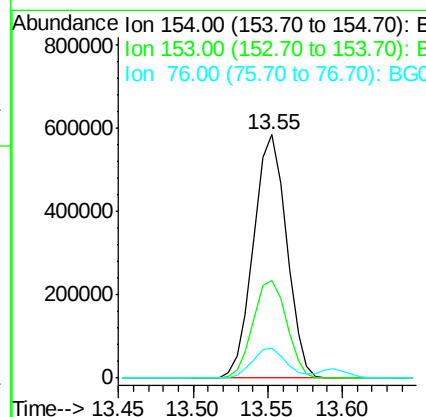
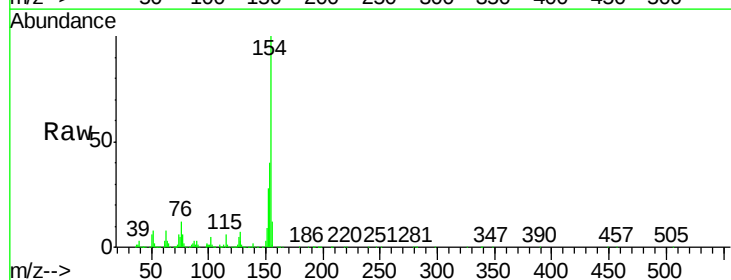
Sohil

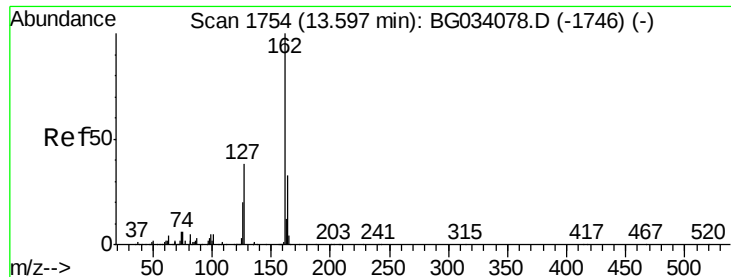
5/3/2018 4:59:35 PM



#45
1,1'-Biphenyl
Concen: 42.884 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.8	59.8
76	12.2	0.0	31.9



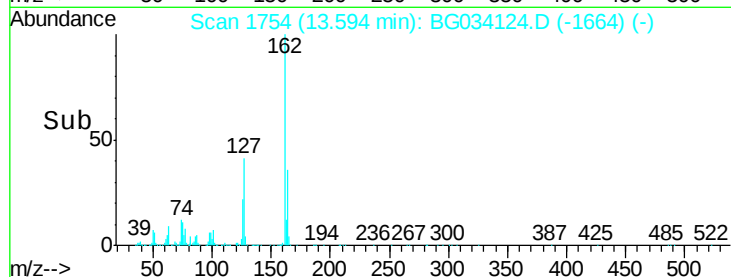
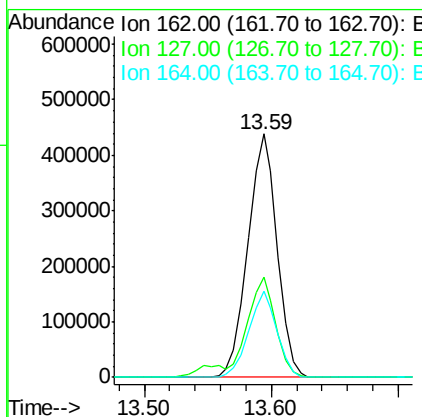
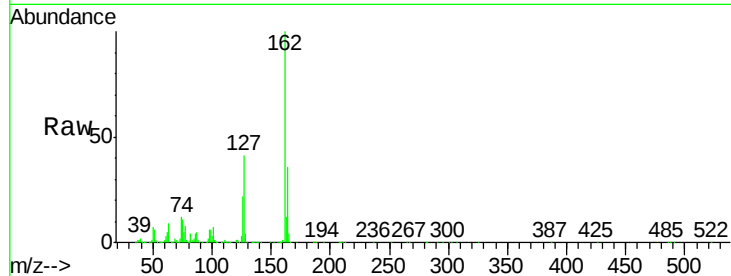


#46
2-Chloronaphthalene
Concen: 44.309 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

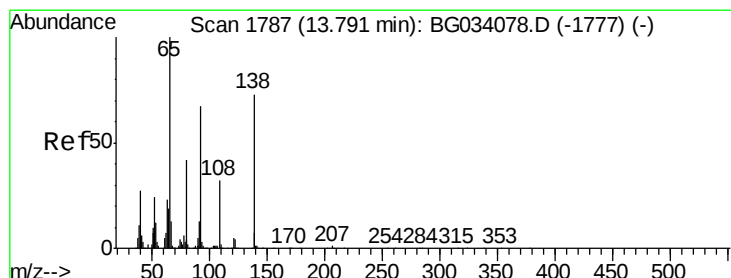
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	30.7	46.1
164	35.6	26.0	39.0

Manual Integrations
APPROVED



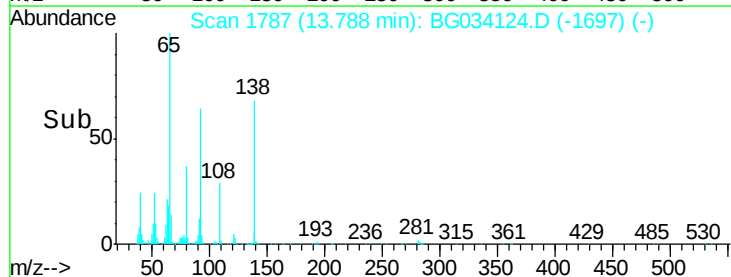
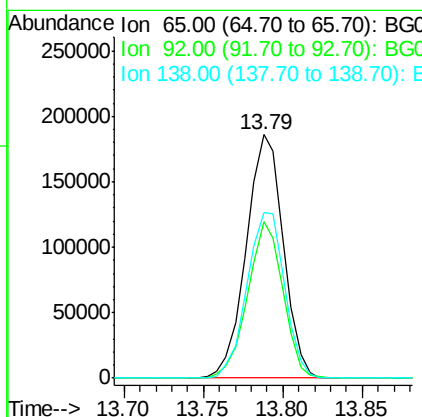
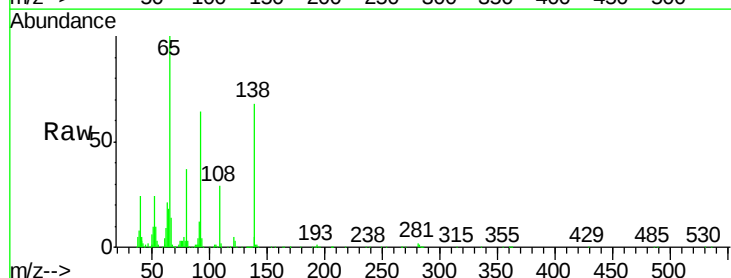
Sohil

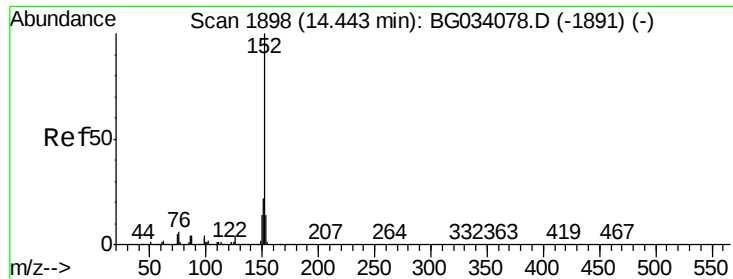
5/3/2018 4:59:35 PM



#47
2-Nitroaniline
Concen: 47.717 ng
RT: 13.79 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	54.6	82.0
138	68.2	72.9	109.3





#48

Acenaphthylene

Concen: 42.638 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion:152 Resp: 1074933

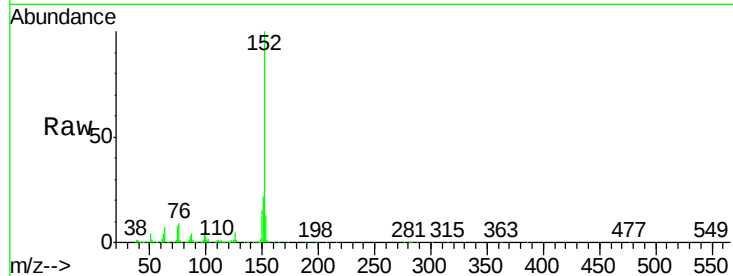
Ion Ratio Lower Upper

152 100

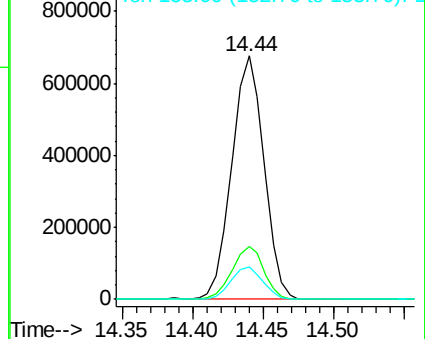
151 21.8 17.2 25.8

153 13.1 10.2 15.4

Manual Integrations
APPROVED

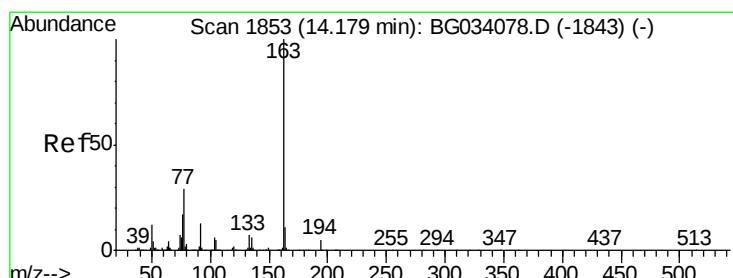
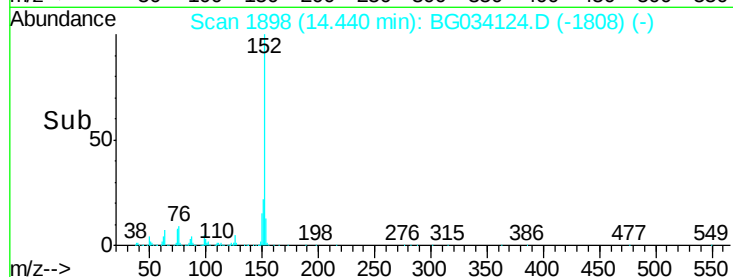


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Sohil

5/3/2018 4:59:35 PM



#49

Dimethylphthalate

Concen: 43.574 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

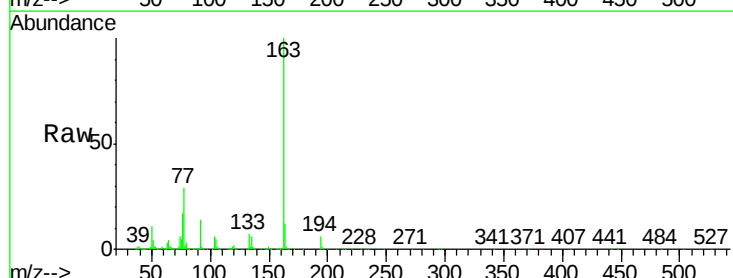
Tgt Ion:163 Resp: 1008799

Ion Ratio Lower Upper

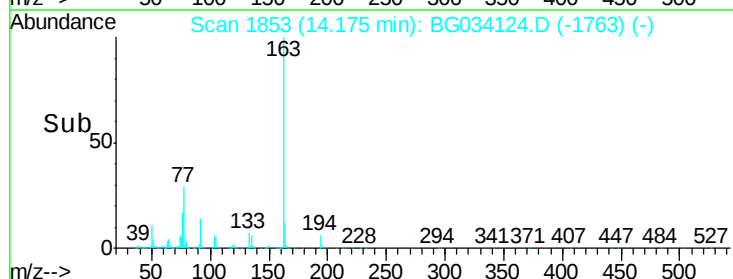
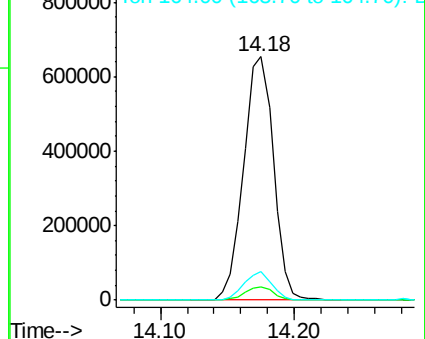
163 100

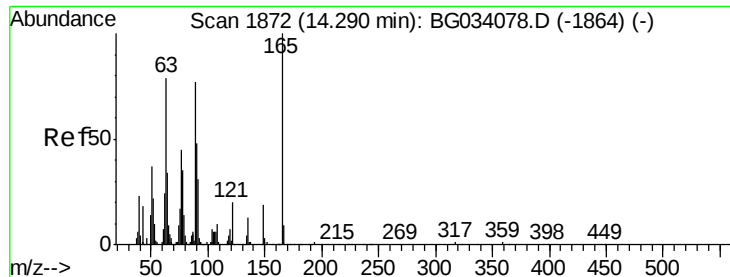
194 5.6 3.4 5.2#

164 11.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



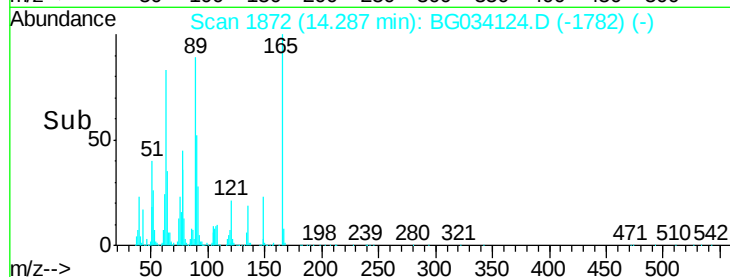
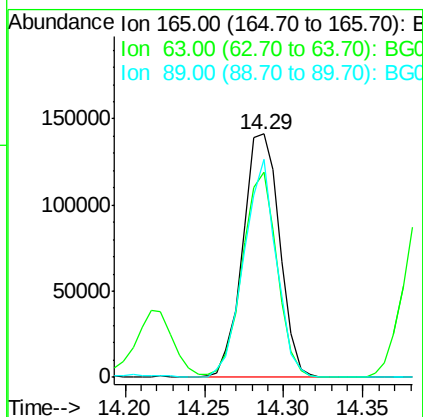
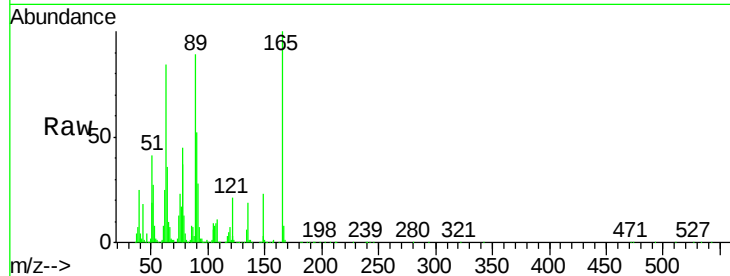


#50
2,6-Dinitrotoluene
Concen: 51.208 ng
RT: 14.29 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

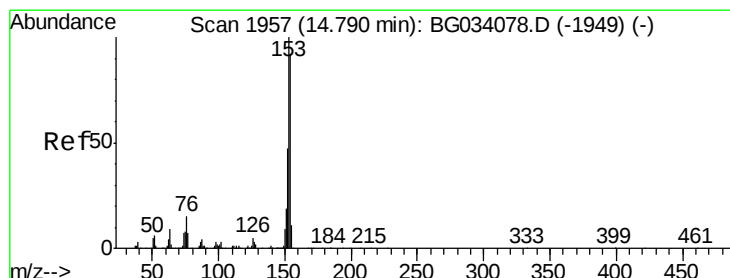
Tot Ion	Ratio	Lower	Upper
165	100		
63	84.2	52.7	79.1#
89	89.4	49.2	73.8#

Manual Integrations
APPROVED



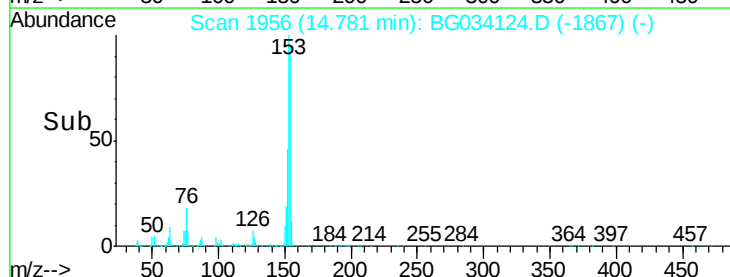
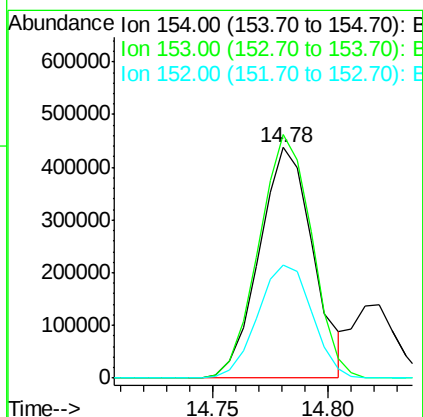
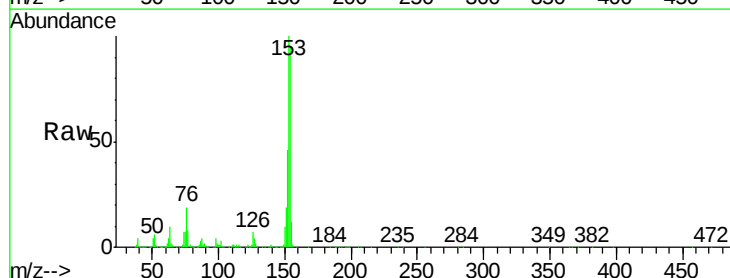
Sohil

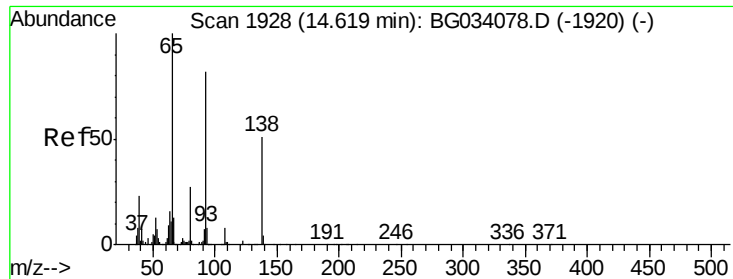
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#51
Acenaphthene
Concen: 41.283 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	105.6	90.4	135.6
152	49.1	41.6	62.4



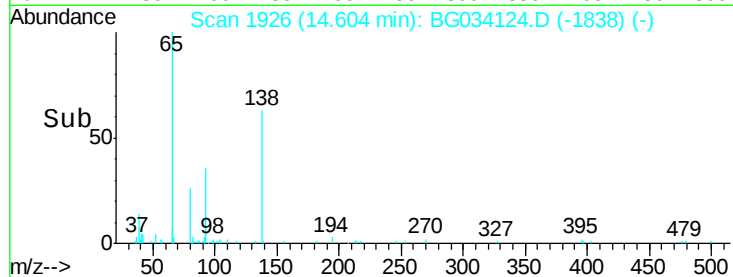
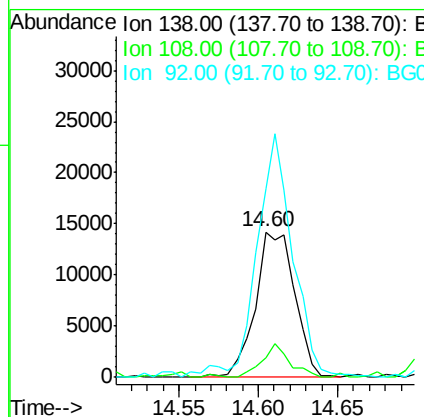
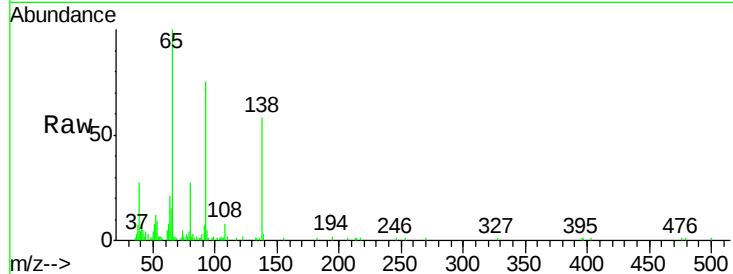


#52
3-Nitroaniline
Concen: 5.494 ng
RT: 14.60 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

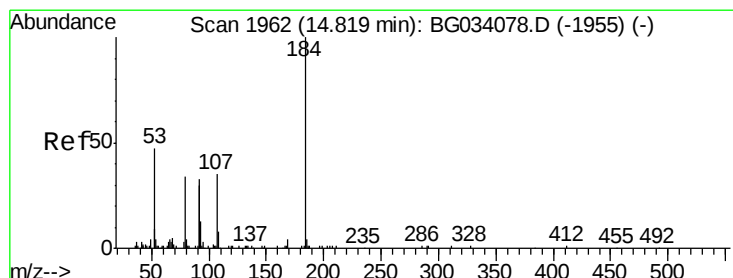
Tot Ion	Ratio	Lower	Upper
138	100		
108	13.6	17.5	26.3#
92	129.1	105.8	158.8

Manual Integrations
APPROVED



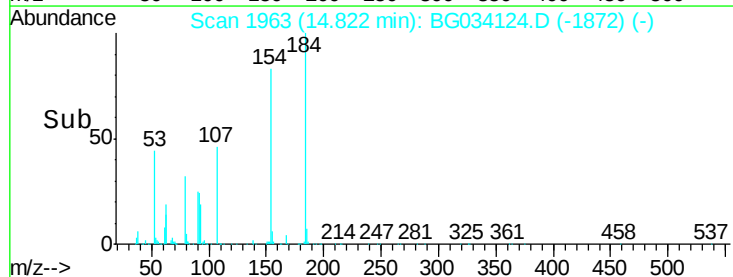
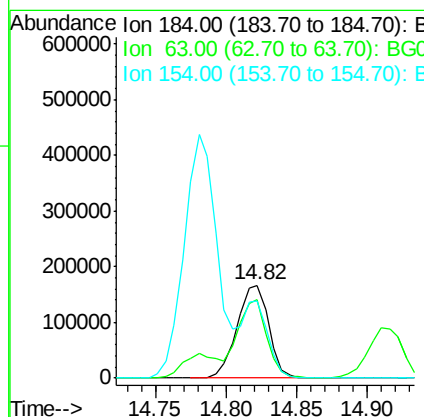
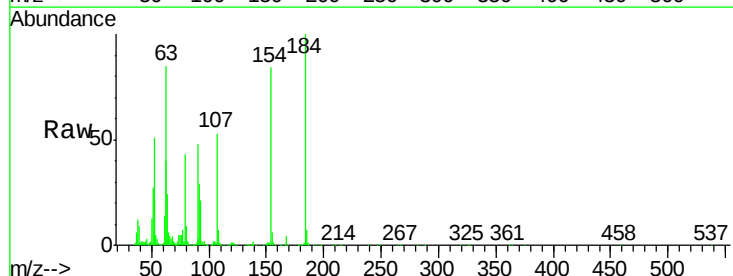
Sohil

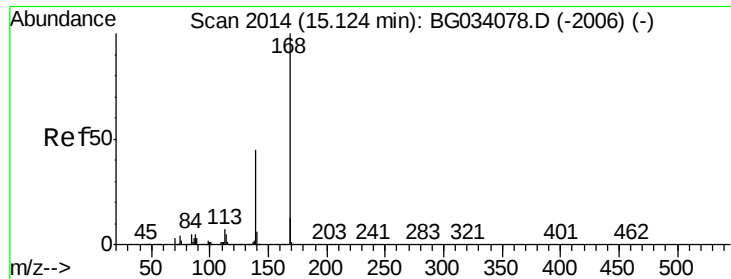
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#53
2,4-Dinitrophenol
Concen: 150.684 ng
RT: 14.82 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.2	59.8	89.8
154	83.5	101.8	152.8#



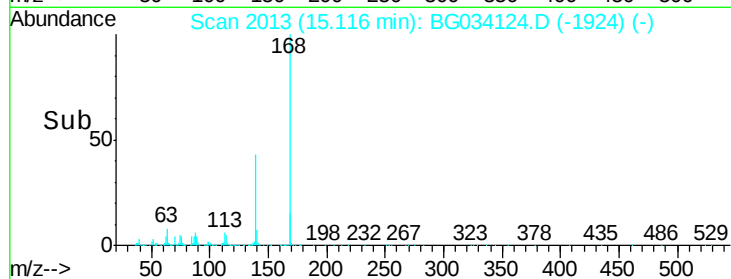
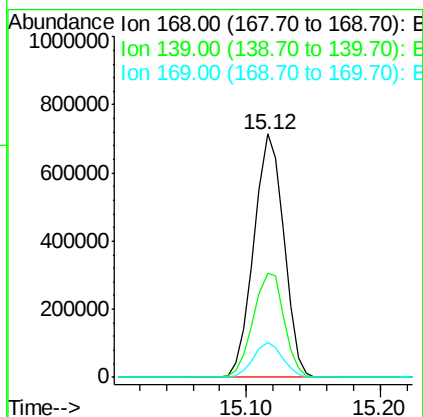
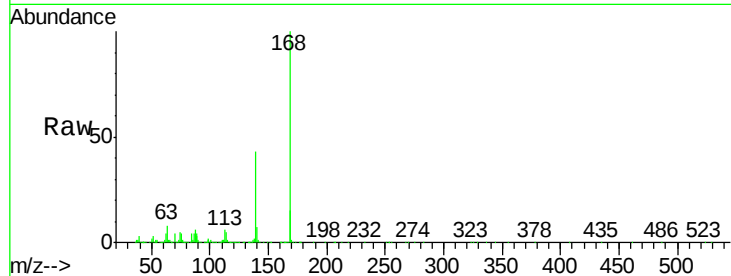


#54
Dibenzenofuran
Concen: 44.511 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

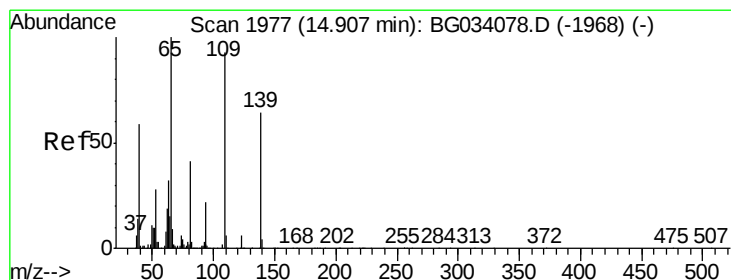
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.8	28.6	43.0
169	14.6	11.2	16.8

Manual Integrations
APPROVED



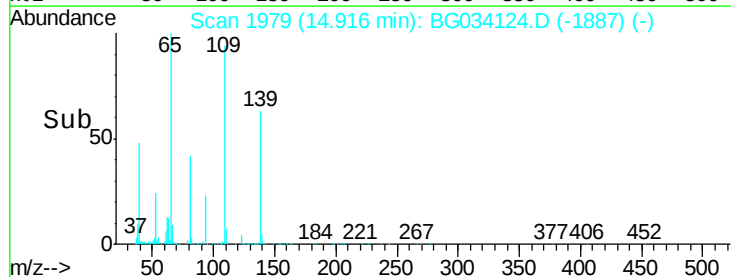
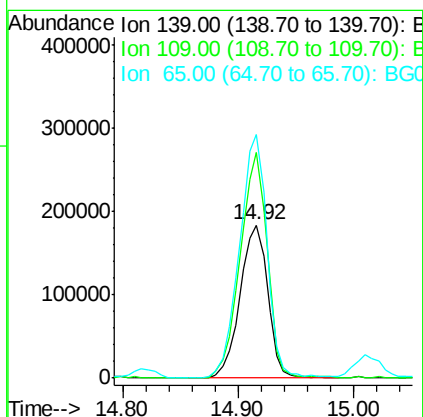
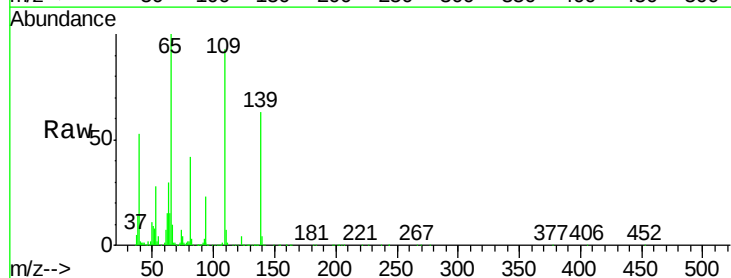
Sohil

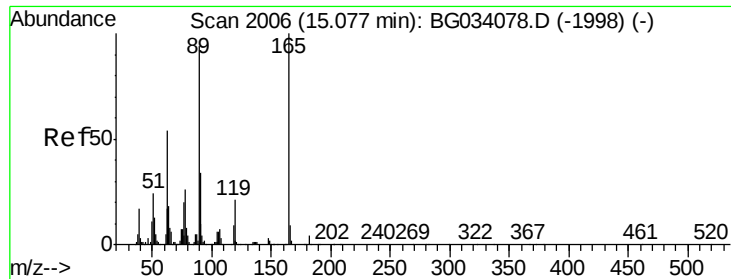
5/3/2018 4:59:35 PM



#55
4-Nitrophenol
Concen: 89.716 ng
RT: 14.92 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	147.7	62.2	102.2#
65	159.1	97.2	137.2#



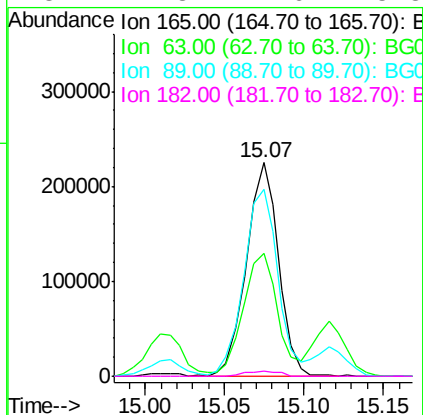
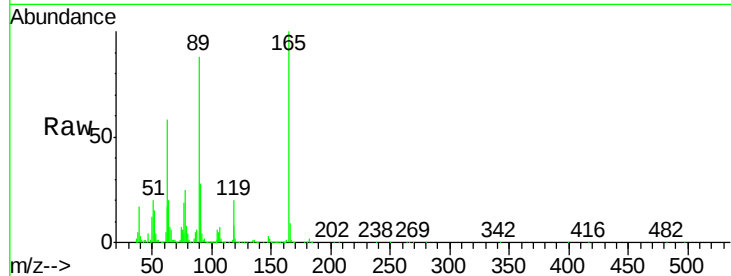


#56
2,4-Dinitrotoluene
Concen: 52.534 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

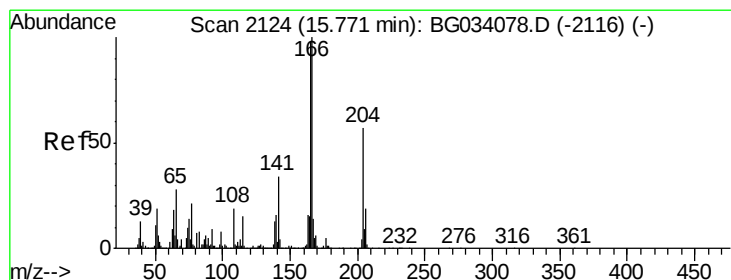
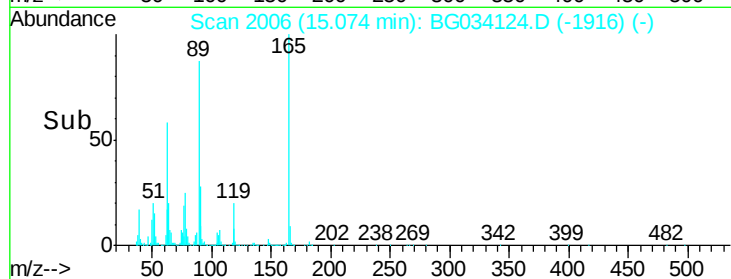
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.5	42.0	63.0
89	87.6	66.9	100.3
182	2.3	2.6	3.8

Manual Integrations
APPROVED



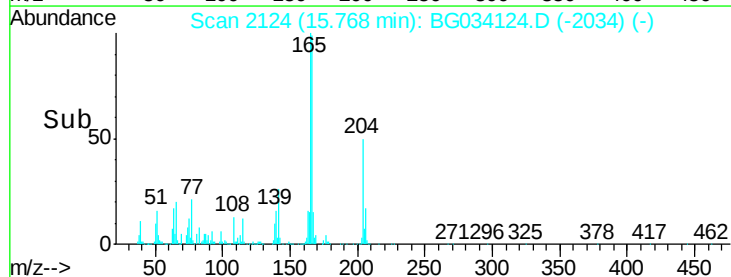
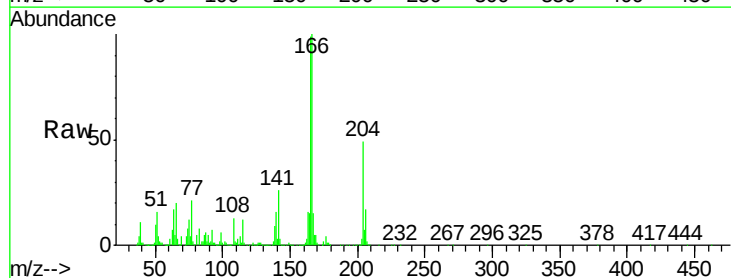
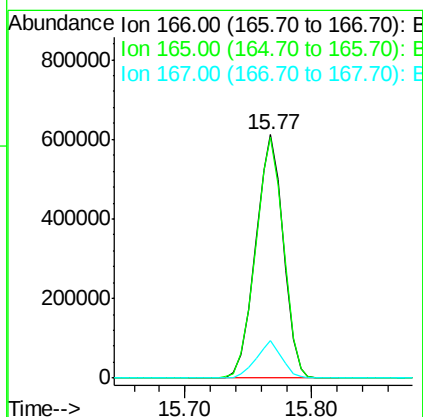
Sohil

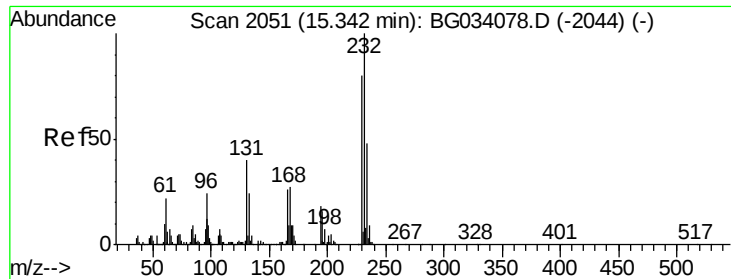
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#57
Fluorene
Concen: 42.842 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.6	121.0
167	15.3	10.4	15.6



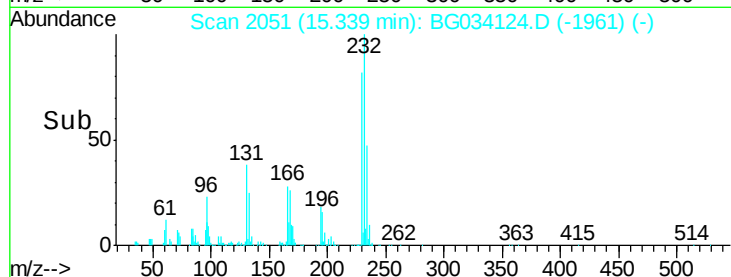
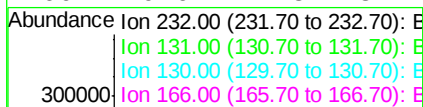
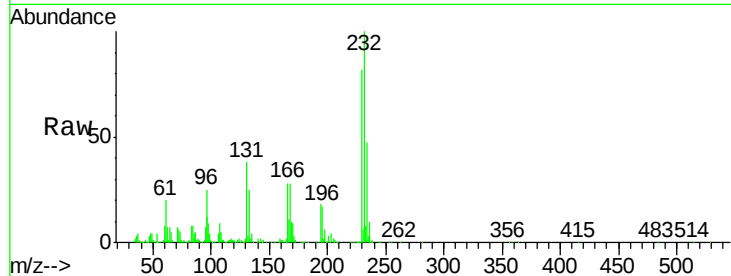


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.659 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-AMSD

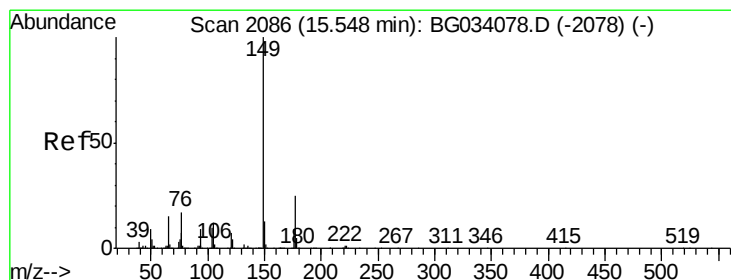
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.6	33.5	50.3
130	2.1	2.2	3.2#
166	29.6	24.8	37.2

Manual Integrations
 APPROVED



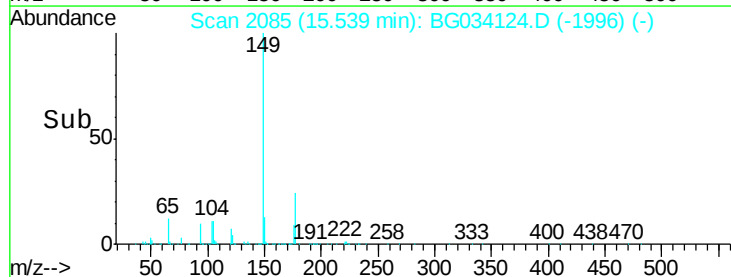
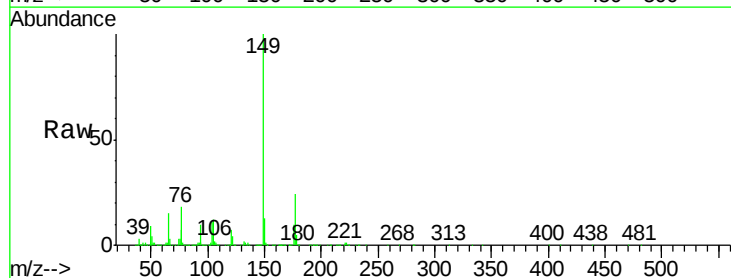
Sohil

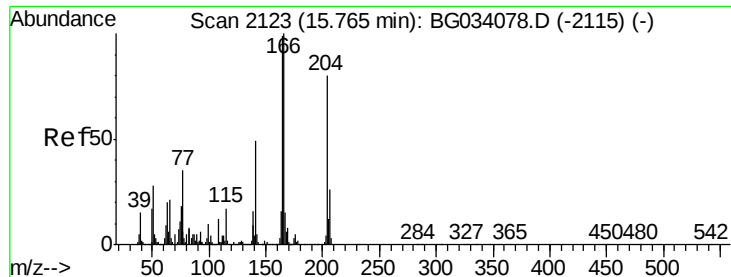
5/3/2018 4:59:35 PM



#59
 Diethylphthalate
 Concen: 41.840 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.5	27.7
150	13.0	10.2	15.2



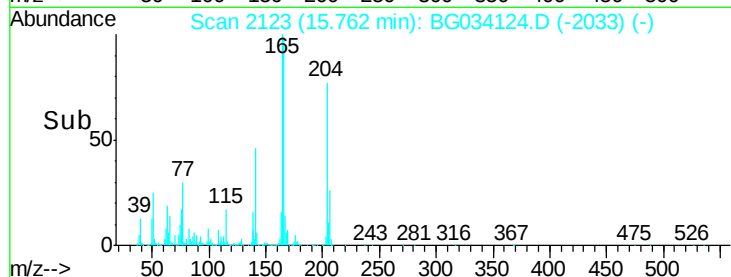
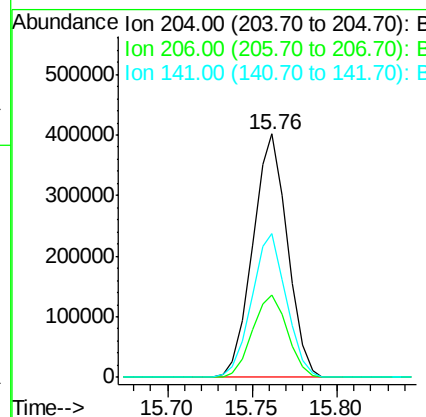
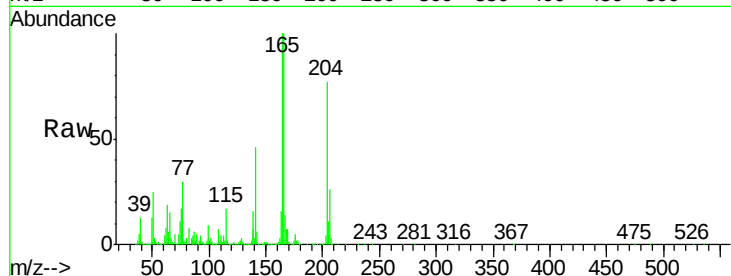


#60
4-Chlorophenyl-phenylether
Concen: 44.357 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

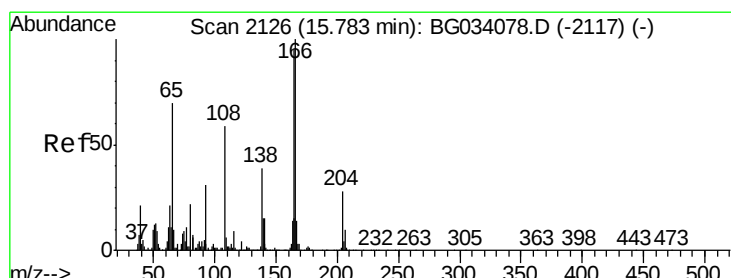
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	59.3	45.8	68.6

Manual Integrations
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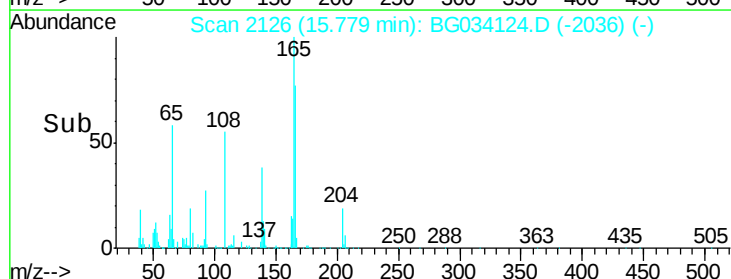
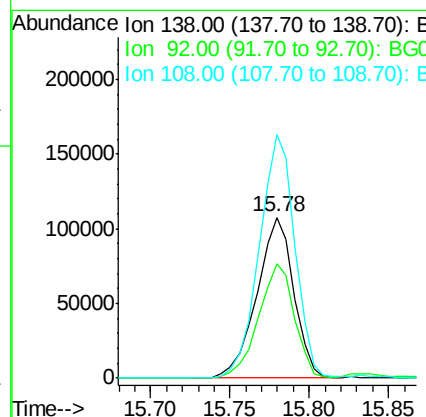
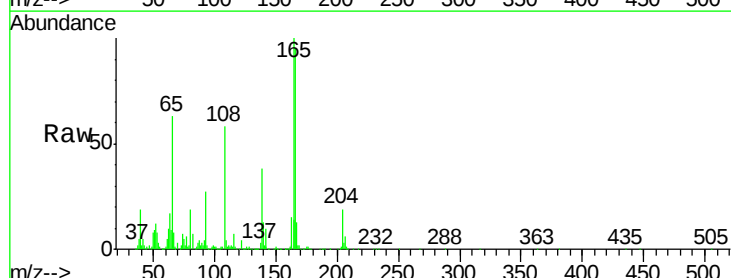
Sohil

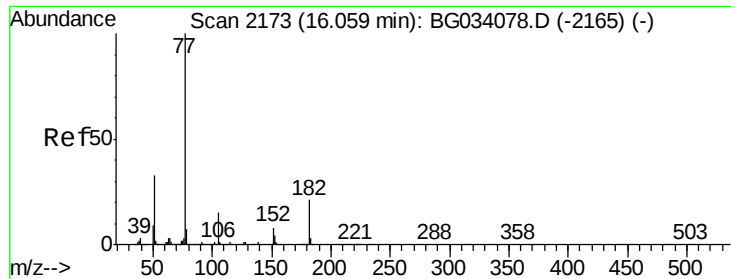
5/3/2018 4:59:35 PM



#61
4-Nitroaniline
Concen: 36.619 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	71.4	40.1	80.1
108	151.6	65.4	105.4#



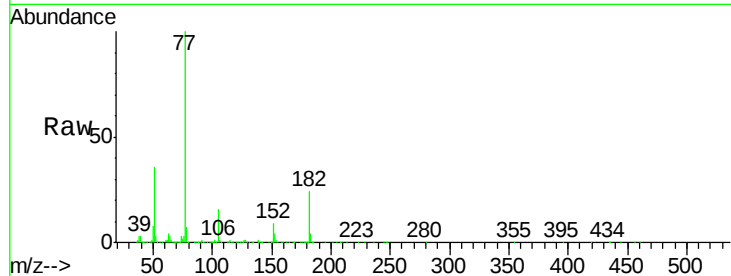


#62
Azobenzene
Concen: 42.861 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

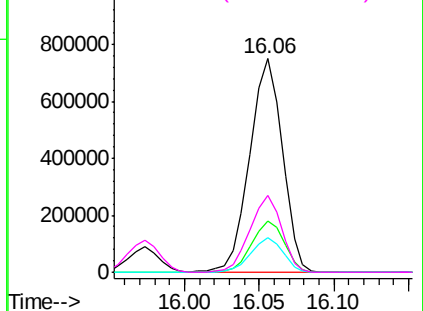
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

Tot Ion	77	Resp	1134343
Ion	Ratio	Lower	Upper
77	100		
182	24.2	7.4	47.4
105	16.4	0.3	40.3
51	35.8	11.6	51.6

Manual Integrations
APPROVED

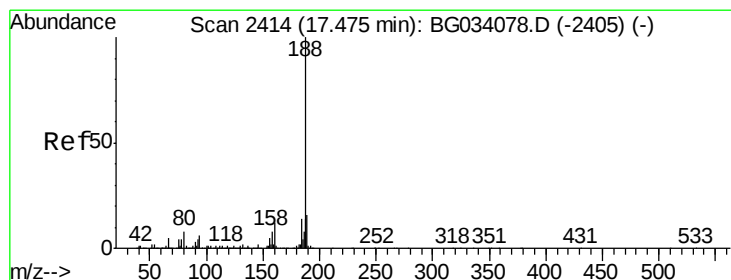
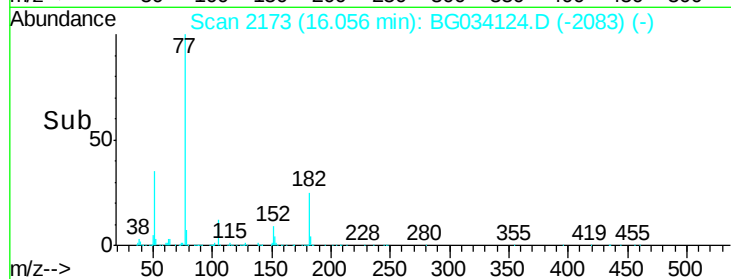


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



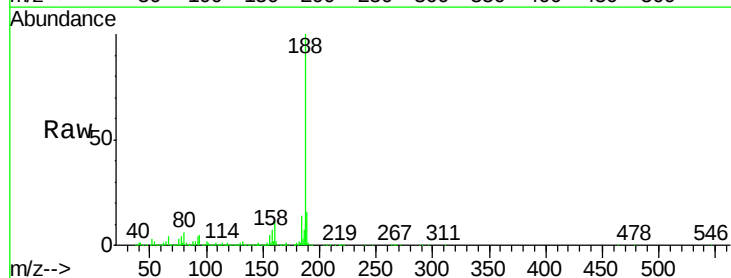
Sohil

5/3/2018 4:59:35 PM

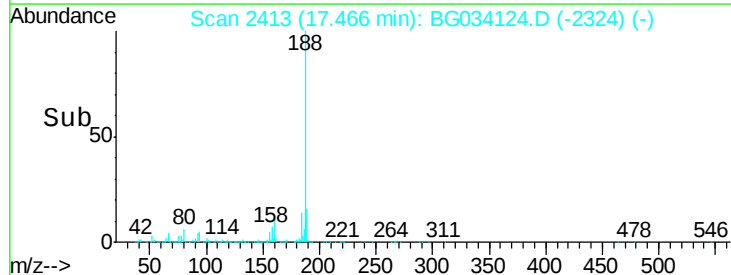
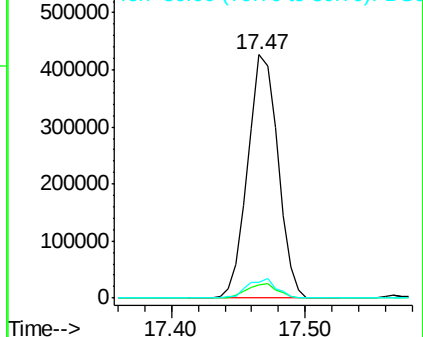


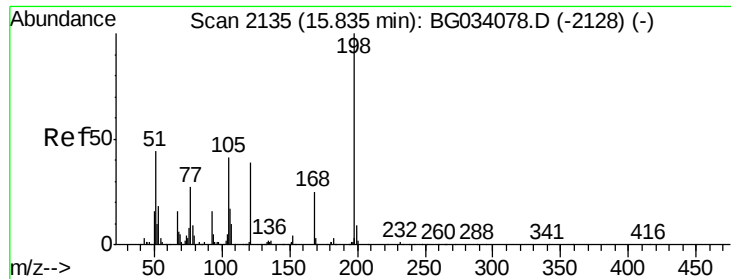
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	188	Resp	665911
Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.4	7.7	11.5#



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



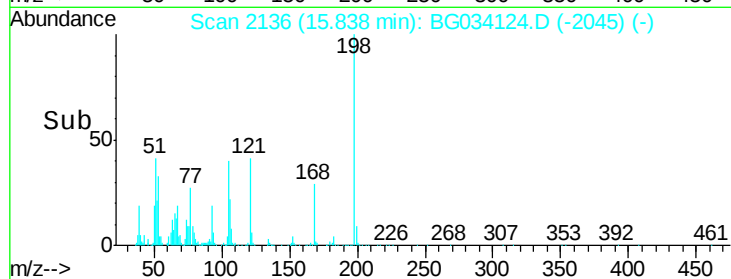
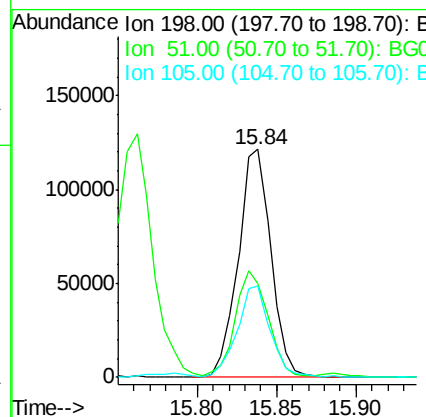
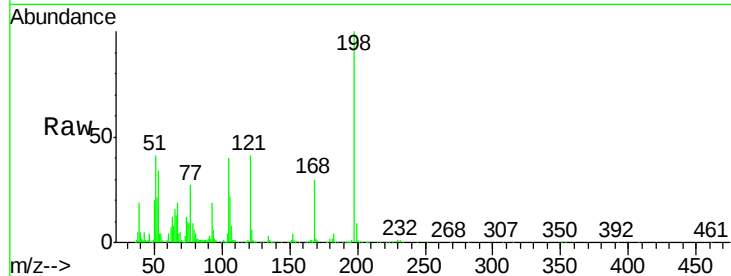


#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.459 ng
 RT: 15.84 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-AMSD

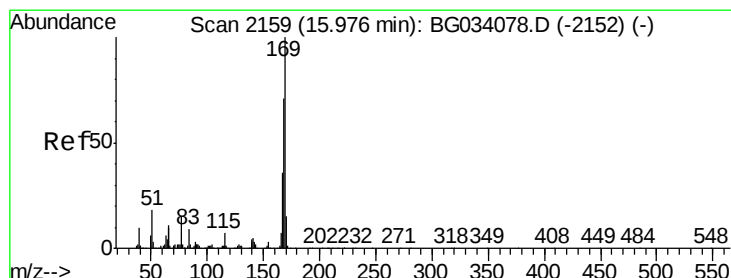
Tot Ion	Ratio	Resp	Lower	Upper
198	100	173642		
51	41.3		30.6	70.6
105	40.1		23.8	63.8

Manual Integrations
 APPROVED



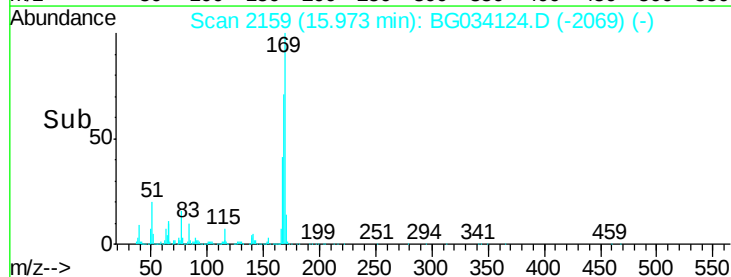
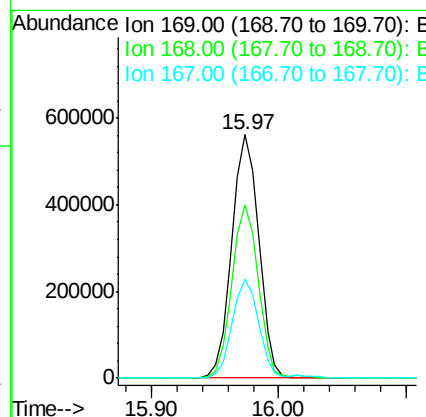
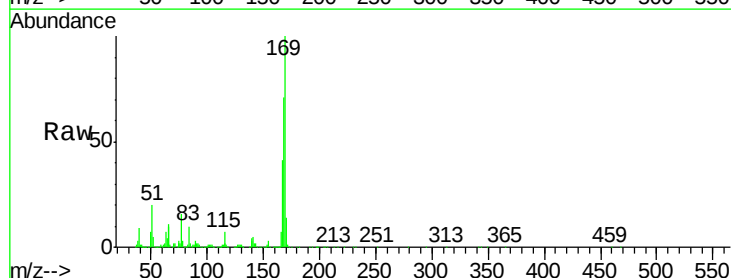
Sohil

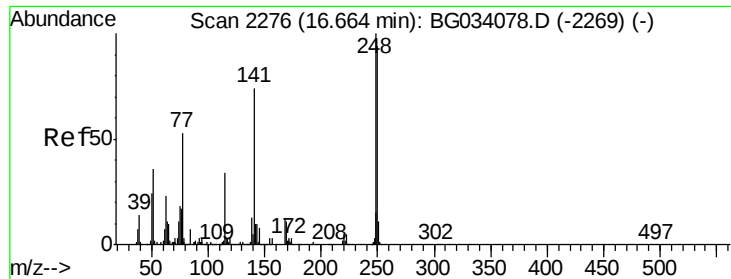
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#65
 n-Nitrosodiphenylamine
 Concen: 45.343 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	823322		
168	70.9		55.7	83.5
167	40.7		30.1	45.1



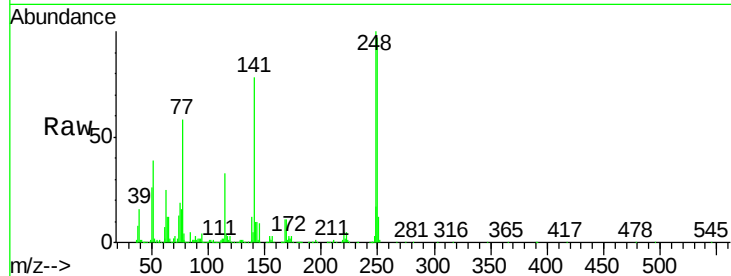


#66
4-Bromophenyl-phenylether
Concen: 46.952 ng
RT: 16.65 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

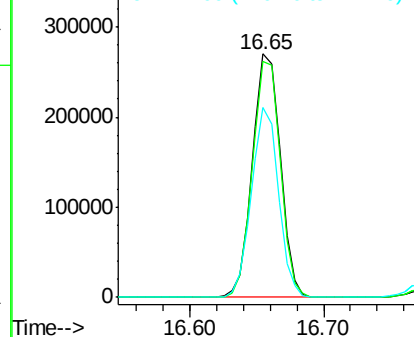
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	77.9	50.8	76.2

Manual Integrations
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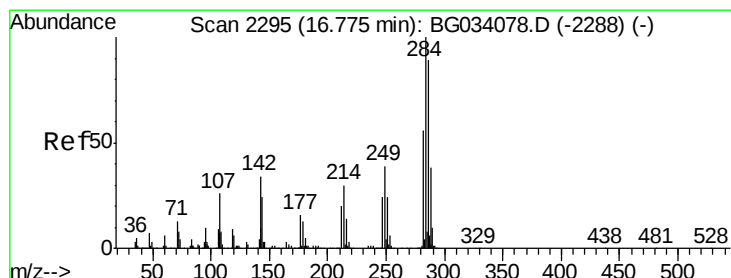
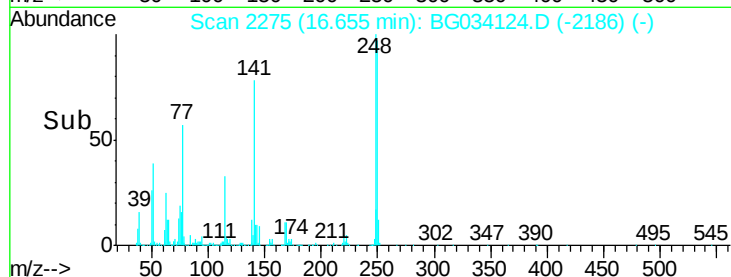


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



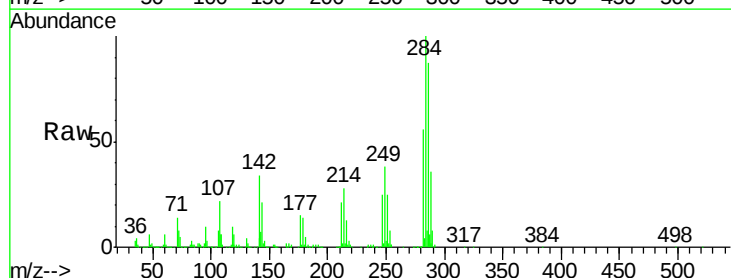
Sohil

5/3/2018 4:59:35 PM

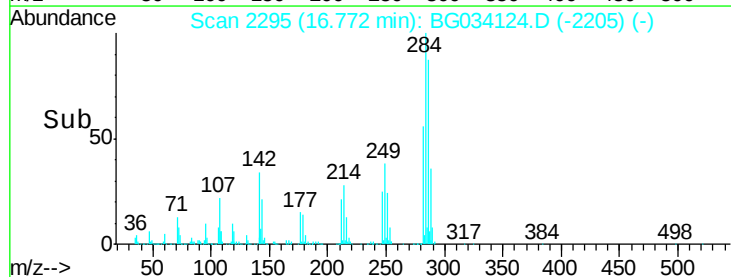
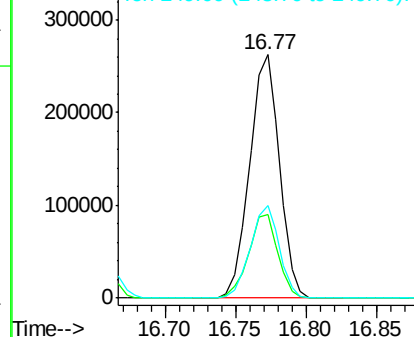


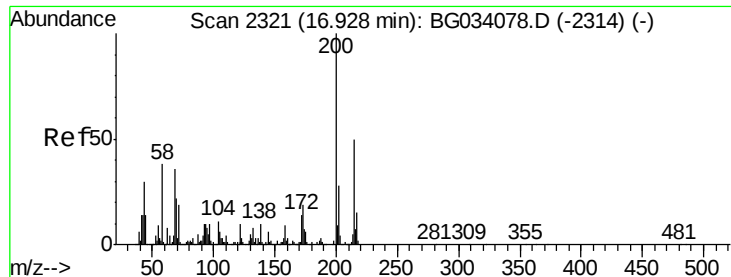
#67
Hexachlorobenzene
Concen: 46.291 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.8	40.2
249	37.8	26.3	39.5



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



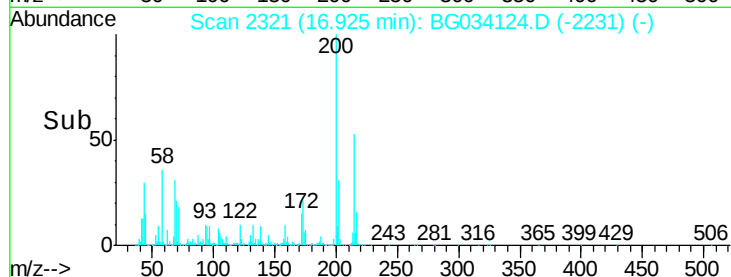
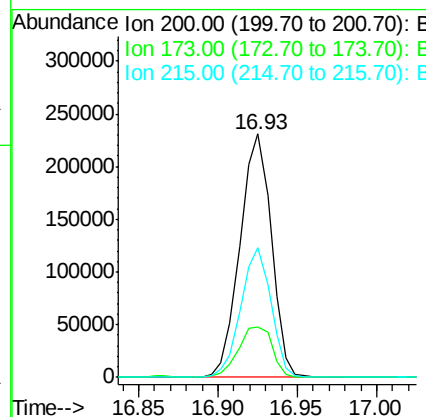
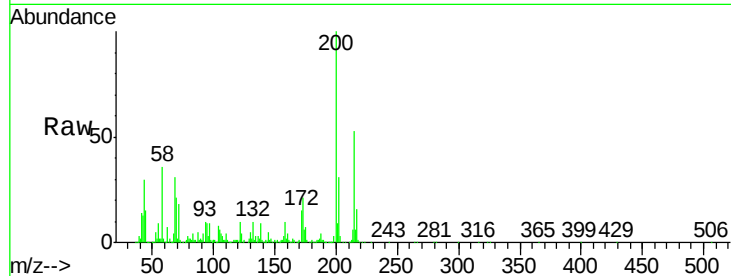


#68
Atrazine
Concen: 41.765 ng
RT: 16.93 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

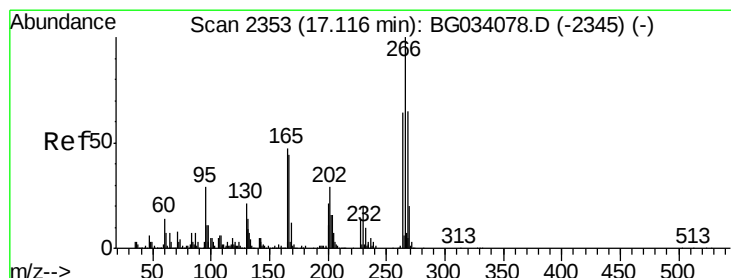
Tot Ion	Ratio	Lower	Upper
200	100		
173	20.5	5.2	45.2
215	53.3	30.4	70.4

Manual Integrations
APPROVED



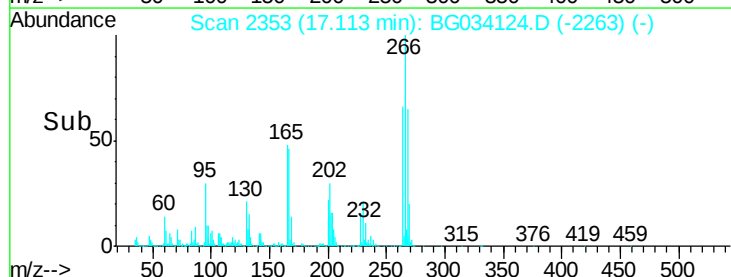
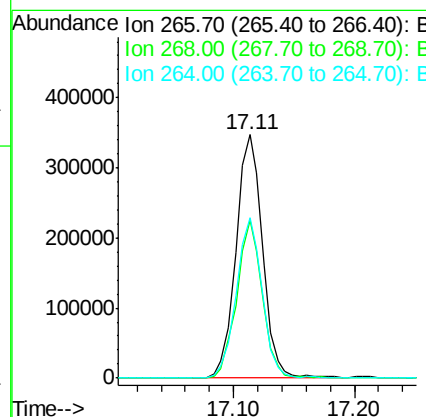
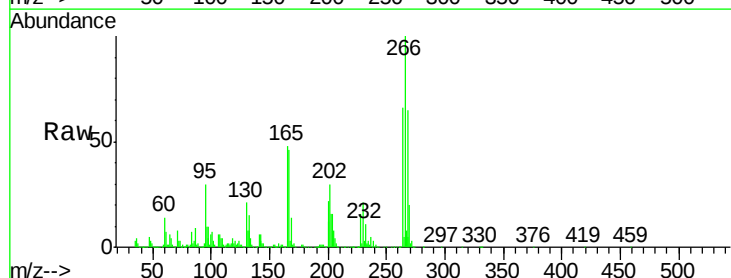
Sohil

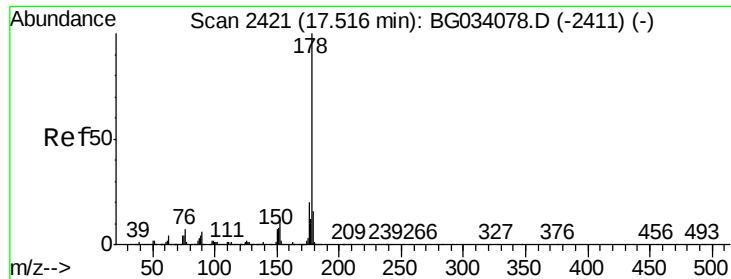
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#69
Pentachlorophenol
Concen: 90.844 ng
RT: 17.11 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	65.7	49.6	74.4



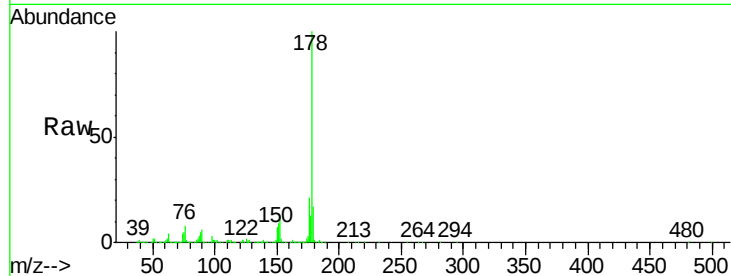


#70
Phenanthrene
Concen: 45.411 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

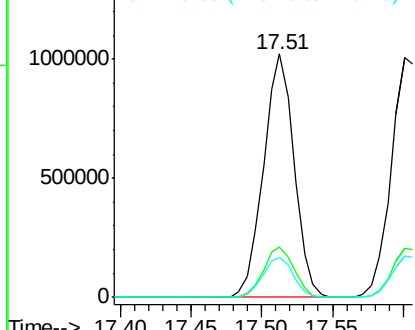
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

Tot Ion:178 Resp: 1553839
Ion Ratio Lower Upper
178 100
176 20.8 15.7 23.5
179 16.5 12.5 18.7

Manual Integrations
APPROVED

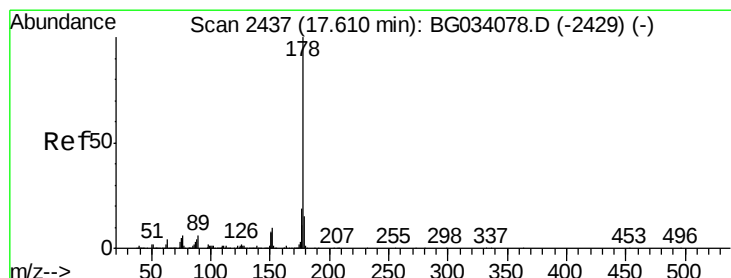
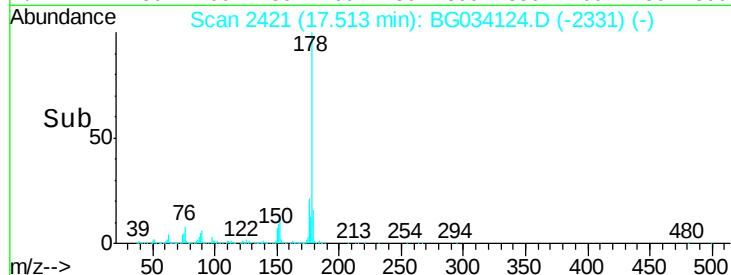


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



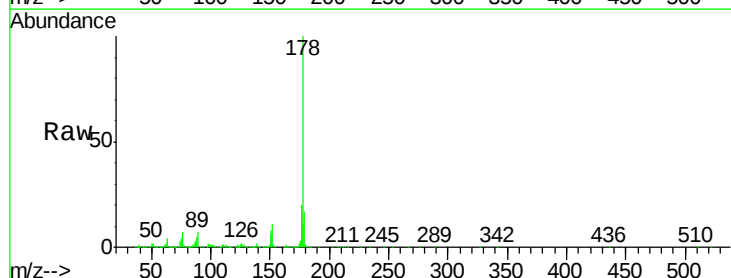
Sohil

5/3/2018 4:59:35 PM

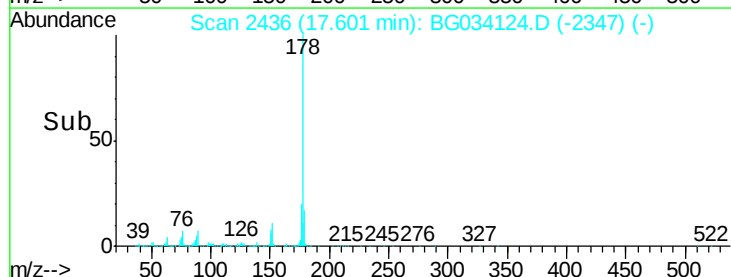
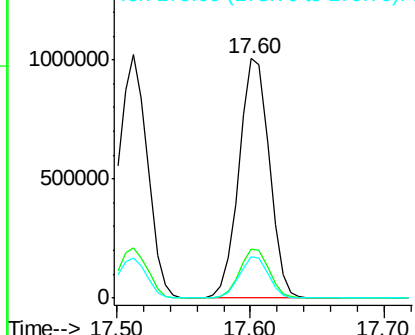


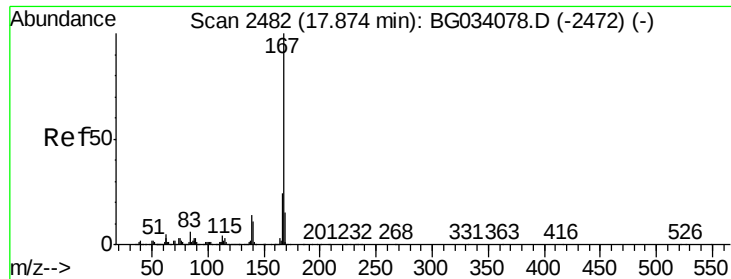
#71
Anthracene
Concen: 45.494 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion:178 Resp: 1577700
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 17.0 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



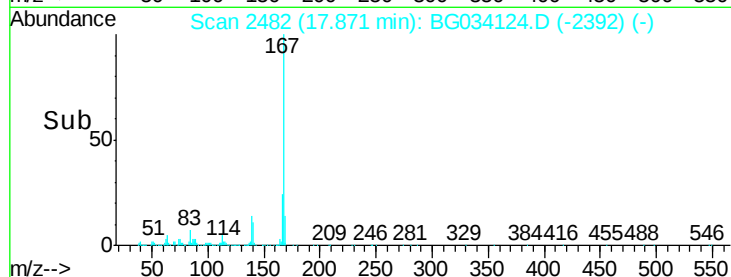
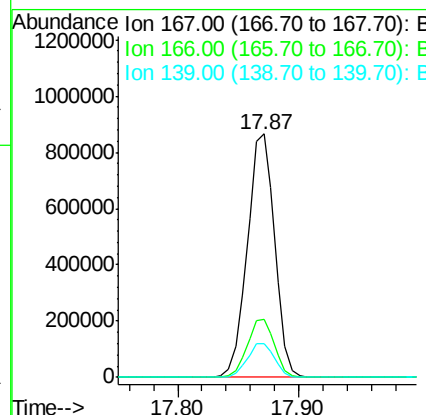
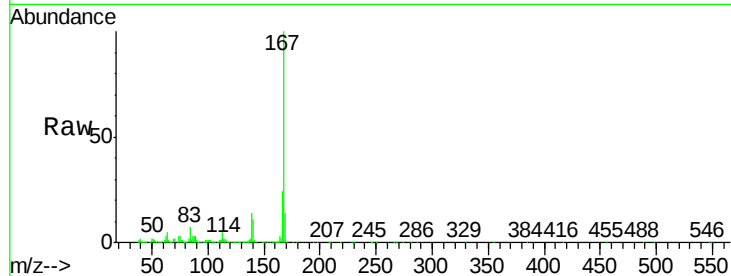


#72
 Carbazole
 Concen: 43.010 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-AMSD

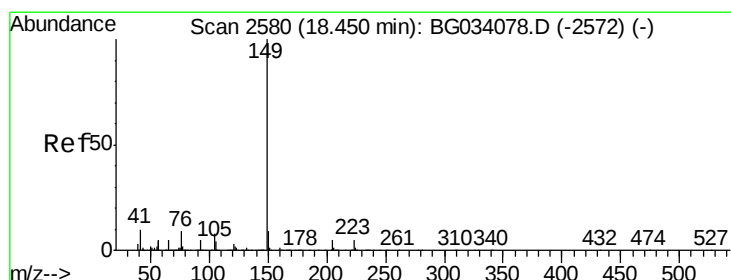
Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	24.0	18.2	27.4	
139	13.7	9.4	14.2	

Manual Integrations
 APPROVED



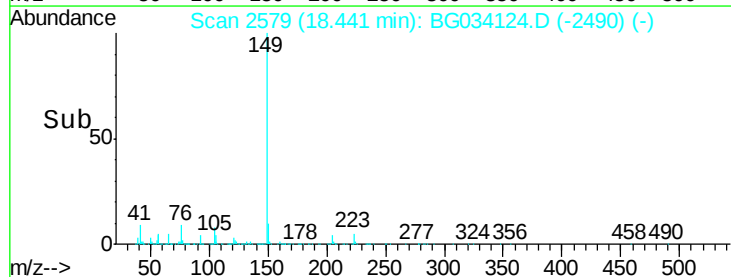
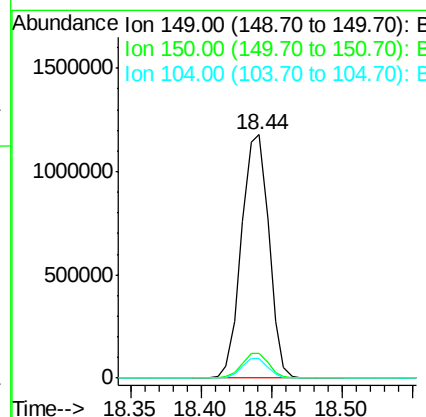
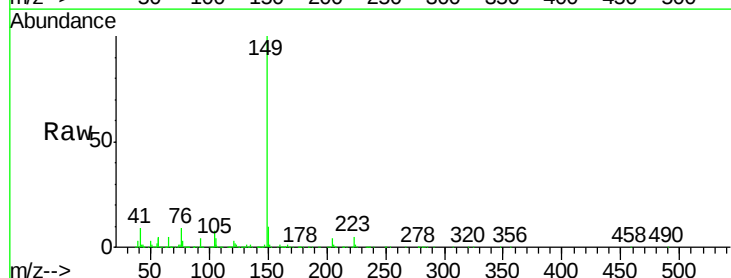
Sohil

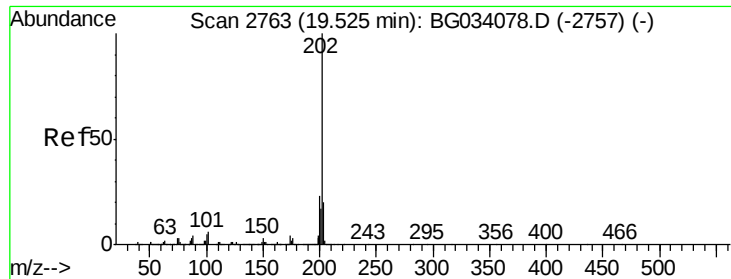
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#73
 Di-n-butylphthalate
 Concen: 41.864 ng
 RT: 18.44 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG034124.D
 Acq: 2 May 2018 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.4	7.8	11.6	
104	8.0	3.9	5.9	





#74

Fluoranthene

Concen: 43.907 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

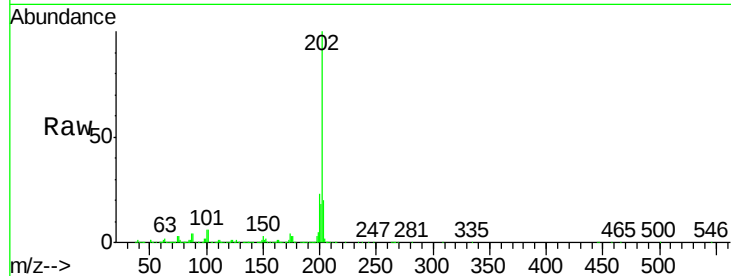
BNA_G

ClientSampleId :

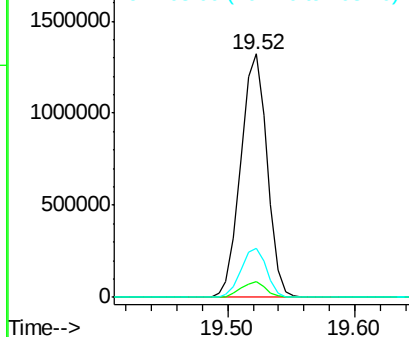
CL-02-043018-AMSD

Tot Ion:	202	Resp:	1898481
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	28.9
203	20.4	0.0	37.5

Manual Integrations
APPROVED

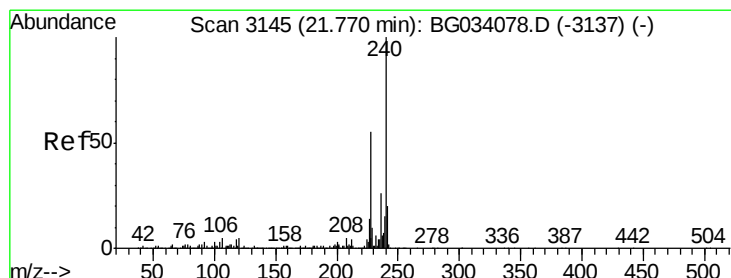
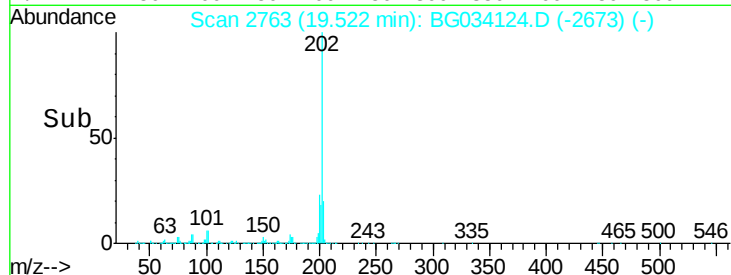


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Sohil

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#75

Chrysene-d12

Concen: 20.000 ng

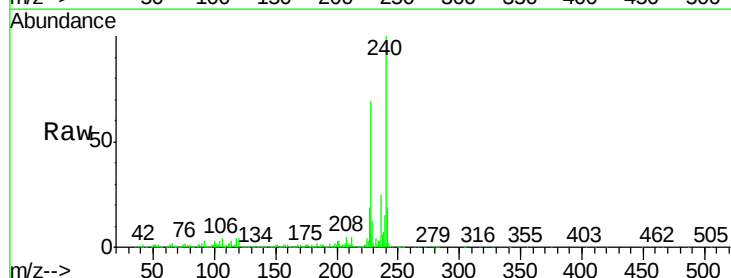
RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

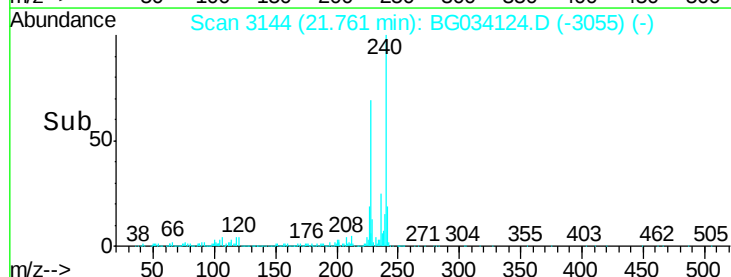
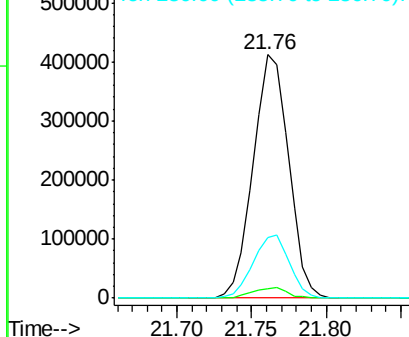
Lab File: BG034124.D

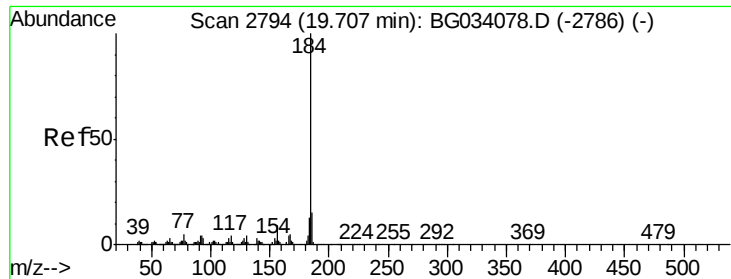
Acq: 2 May 2018 20:08

Tgt Ion:	240	Resp:	678974
Ion Ratio	Lower	Upper	
240	100		
120	4.0	6.8	10.2#
236	24.9	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.116 ng/mL

RT: 19.74 min Scan# 2800

Delta R.T. 0.03 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

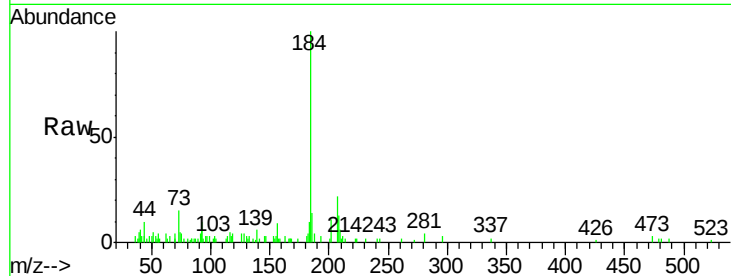
BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	10.0	10.6	16.0

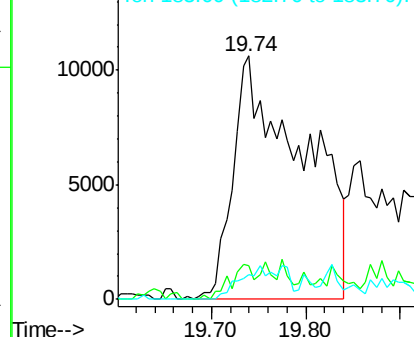
Manual Integrations
APPROVED



Abundance Ion 184.00 (183.70 to 184.70): E

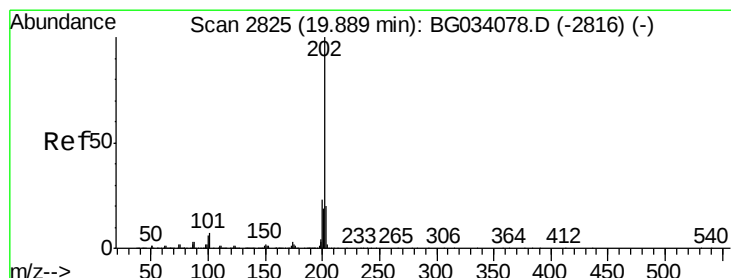
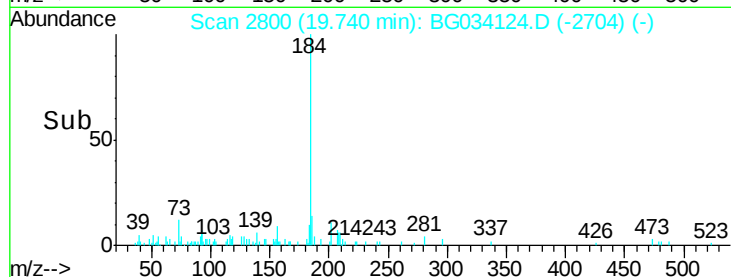
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 44.542 ng/mL

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034124.D

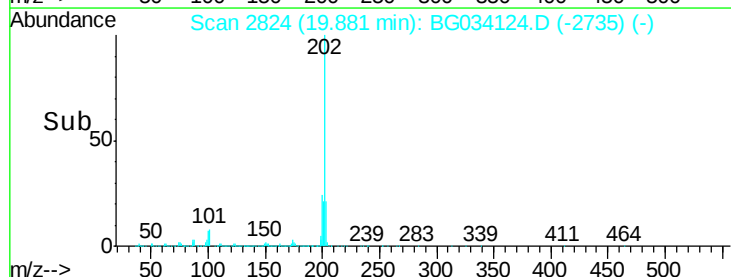
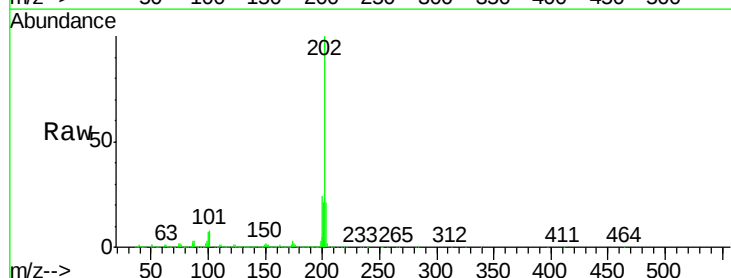
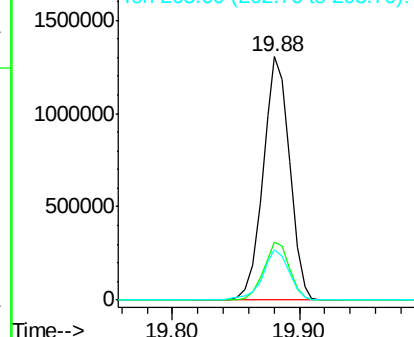
Acq: 2 May 2018 20:08

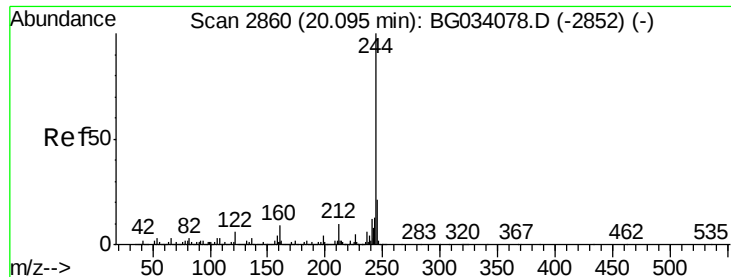
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.8	16.9	25.3
203	20.6	13.9	20.9

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.721 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion:244 Resp: 2780795

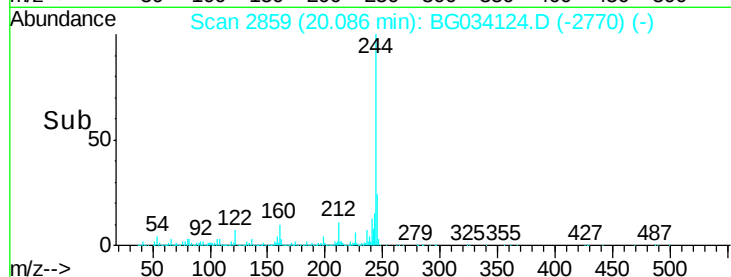
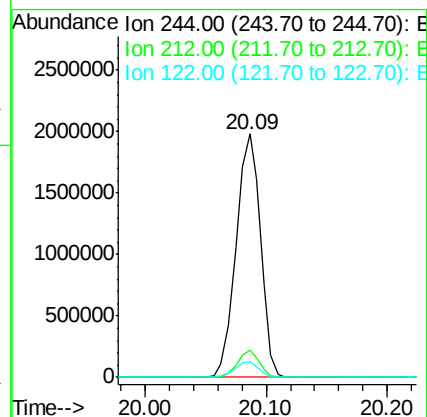
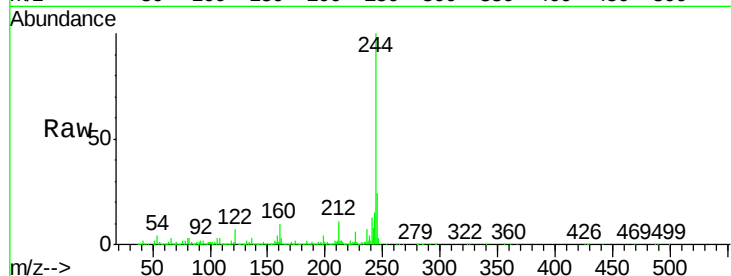
Ion Ratio Lower Upper

244 100

212 11.4 5.8 8.8#

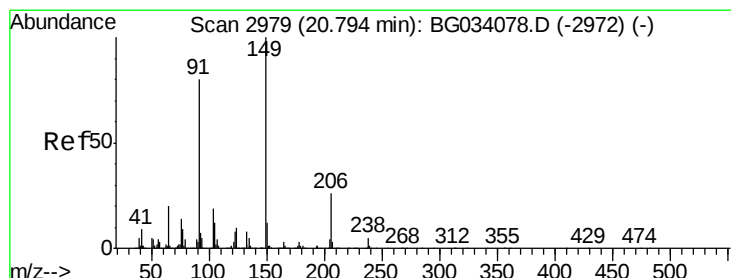
122 6.7 7.0 10.4#

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 45.809 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

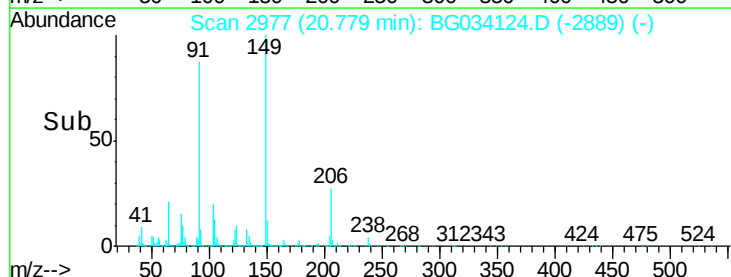
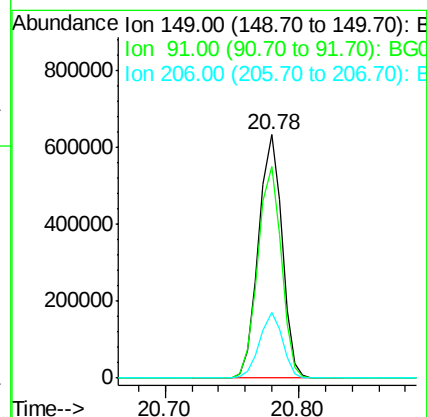
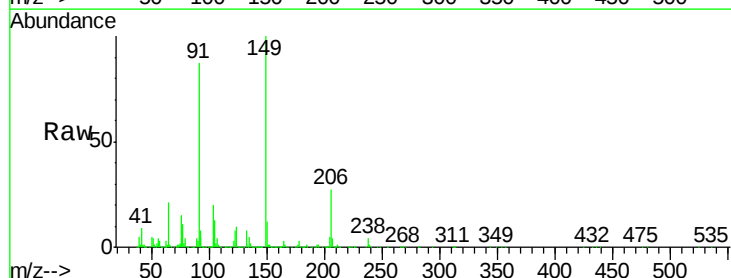
Tgt Ion:149 Resp: 760726

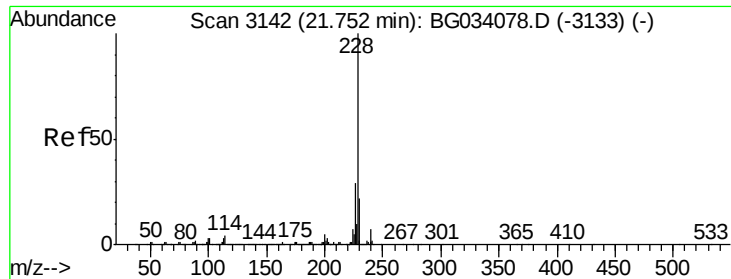
Ion Ratio Lower Upper

149 100

91 87.1 62.2 93.2

206 27.0 18.6 27.8



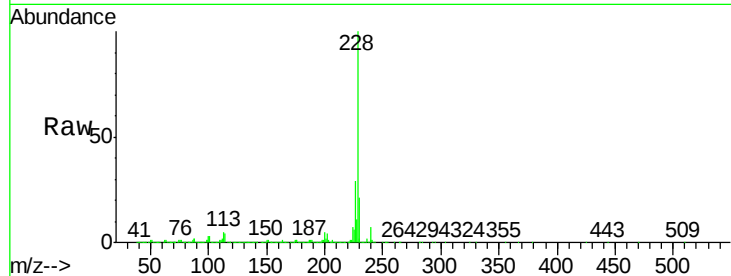


#80
Benzo(a)anthracene
Concen: 46.610 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.2	16.2	24.2

Manual Integrations
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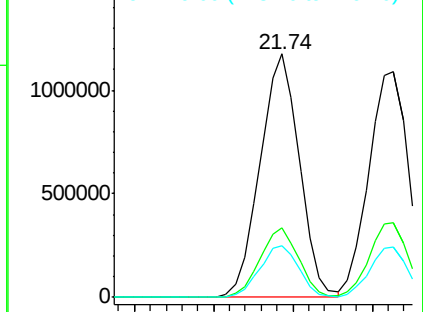


Abundance

Ion 228.00 (227.70 to 228.70): E

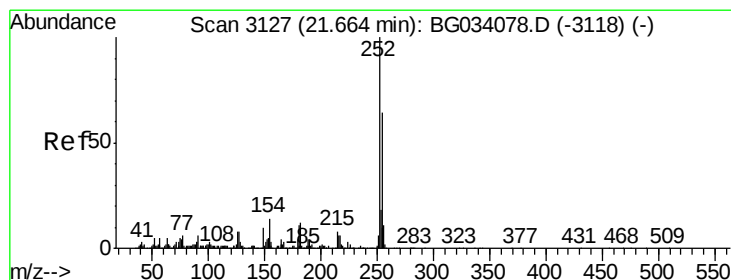
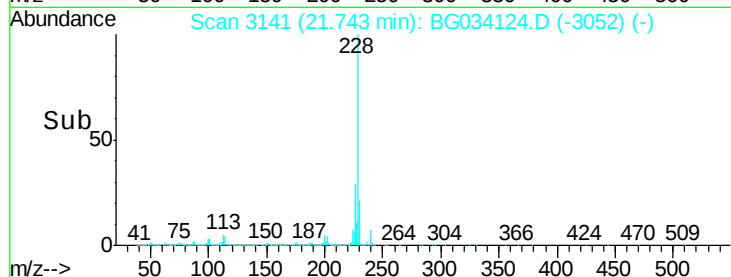
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



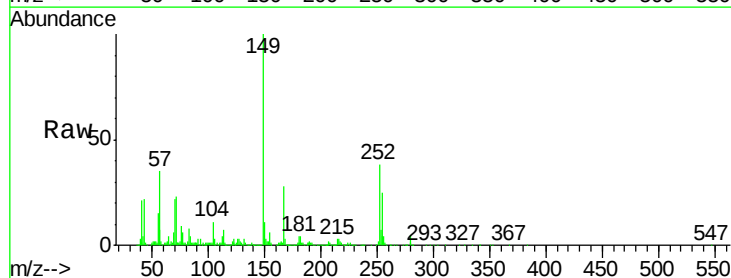
Sohil

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#81
3,3'-Dichlorobenzidine
Concen: 12.678 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	7.0	7.4	11.2#

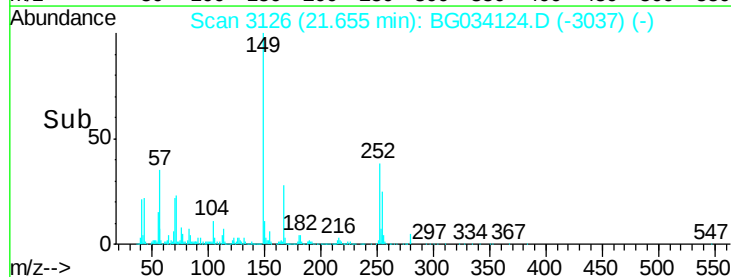
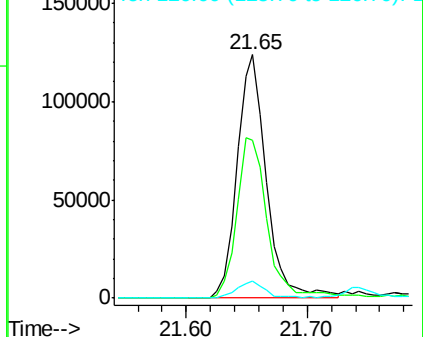


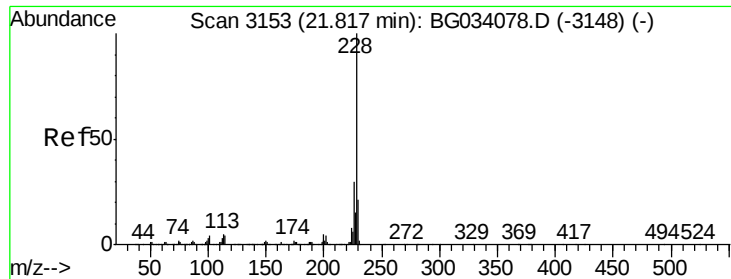
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.367 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion:228 Resp: 1889494

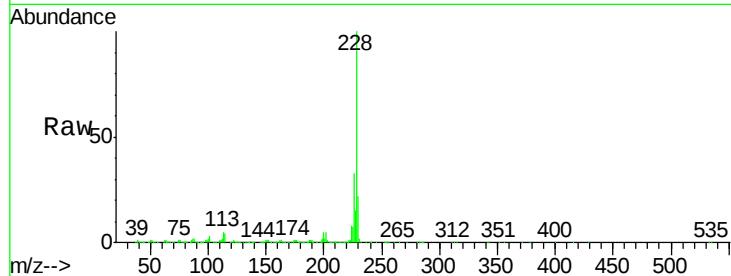
Ion Ratio Lower Upper

228 100

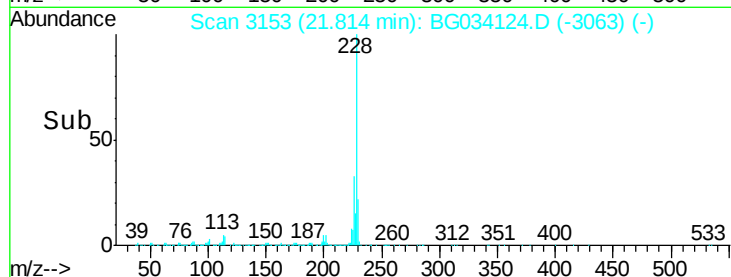
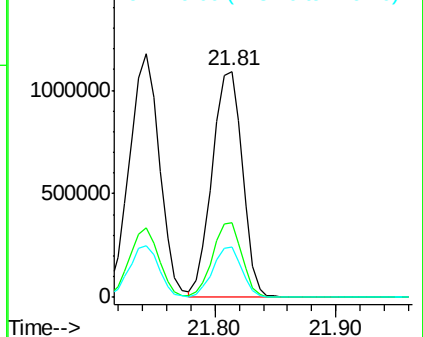
226 33.0 24.9 37.3

229 22.0 15.0 22.4

Manual Integrations
APPROVED

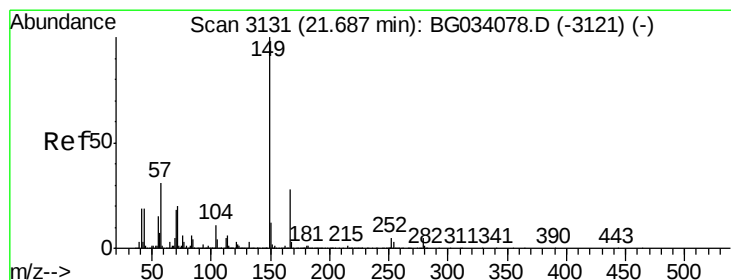


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 45.120 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

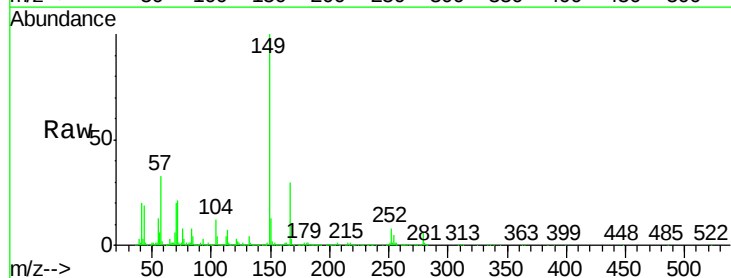
Tgt Ion:149 Resp: 1031241

Ion Ratio Lower Upper

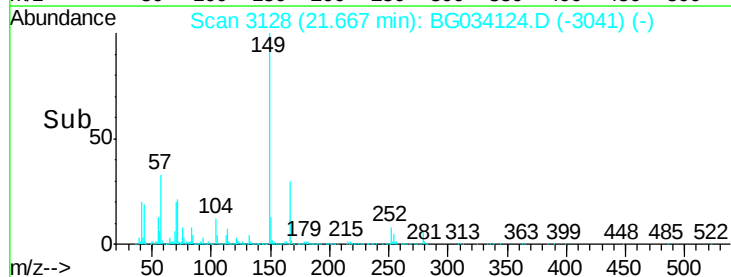
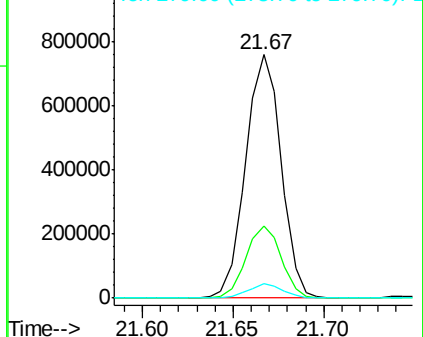
149 100

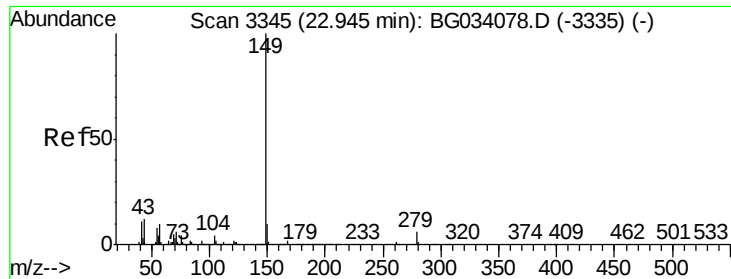
167 29.9 24.3 36.5

279 6.1 4.0 6.0#



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





#84

Di-n-octyl phthalate

Concen: 48.178 ng

RT: 22.92 min Scan# 3341

Delta R.T. -0.03 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMSD

Tot Ion:149 Resp: 1758678

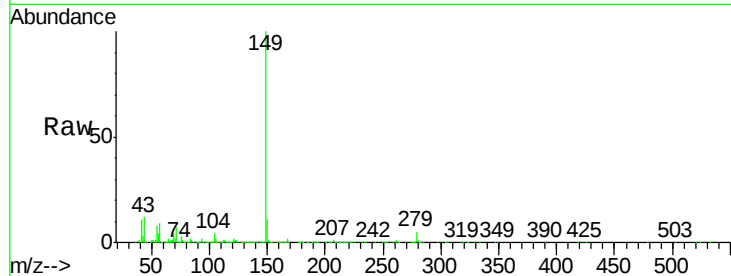
Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 11.8 8.9 13.3

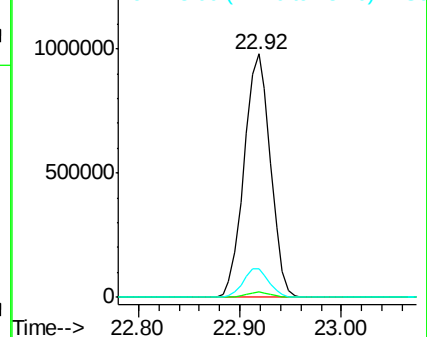
Manual Integrations
APPROVED



Abundance Ion 149.00 (148.70 to 149.70): E

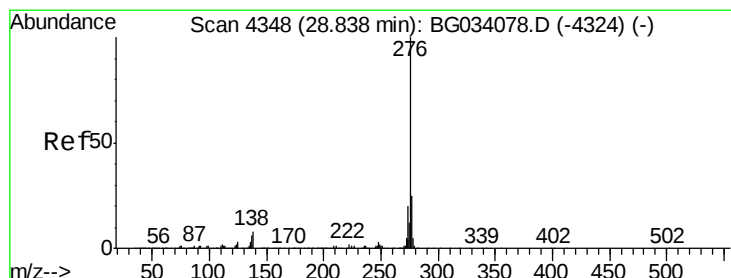
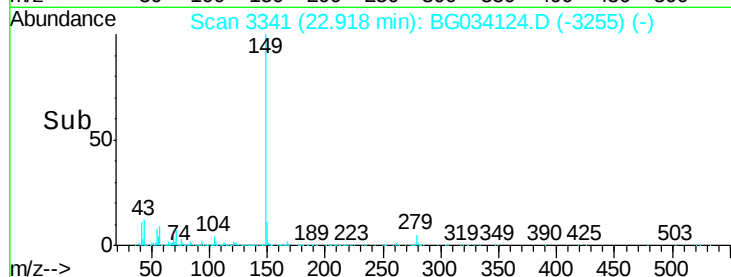
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



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#85

Indeno(1,2,3-cd)pyrene

Concen: 49.303 ng

RT: 28.82 min Scan# 4345

Delta R.T. -0.02 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

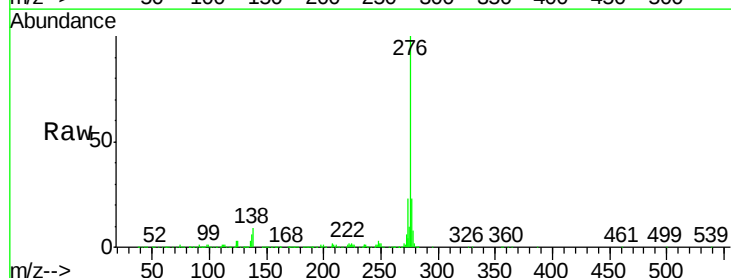
Tgt Ion:276 Resp: 2259771

Ion Ratio Lower Upper

276 100

138 8.4 16.0 24.0#

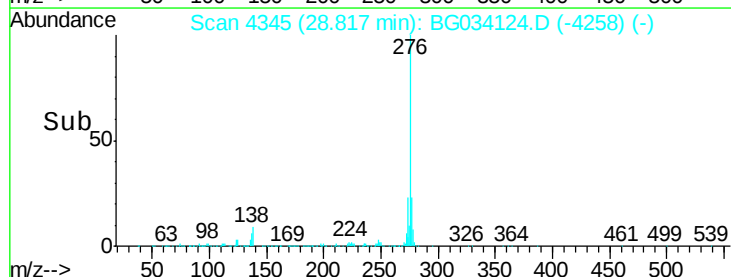
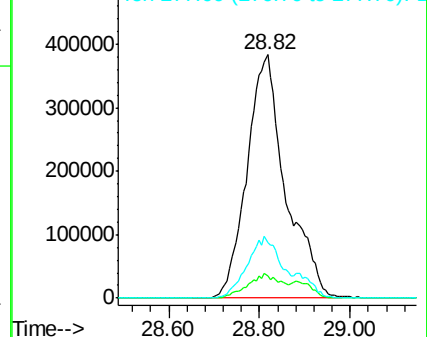
277 22.0 20.0 30.0

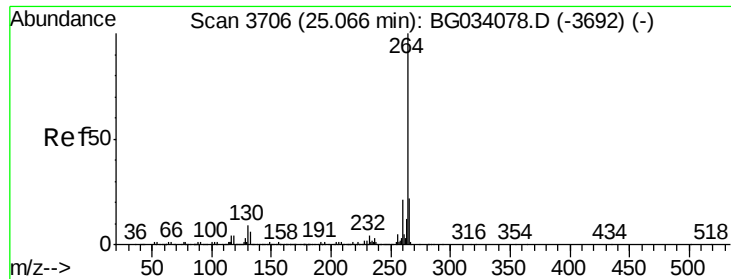


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



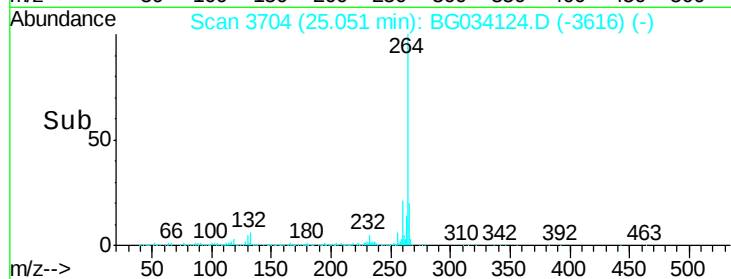
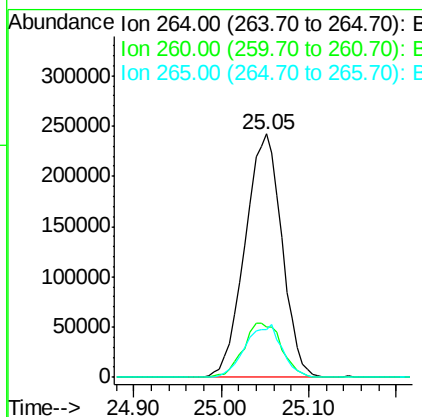
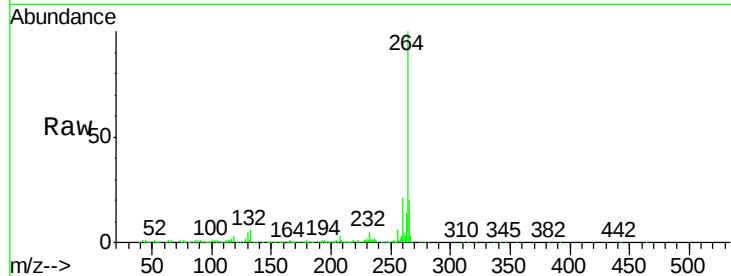


#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

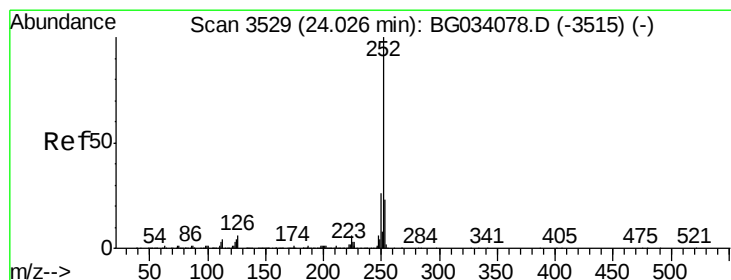
Tot Ion	Ratio	Lower	Upper
264	100		
260	20.5	17.4	26.0
265	19.6	17.7	26.5

Manual Integrations
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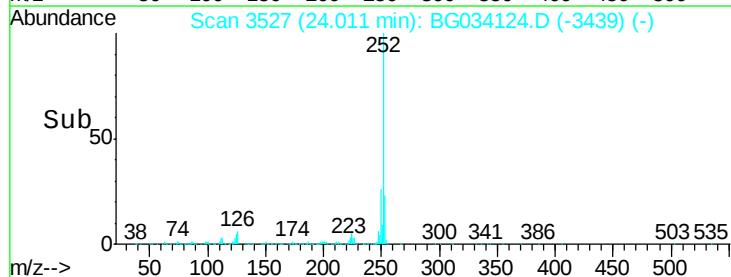
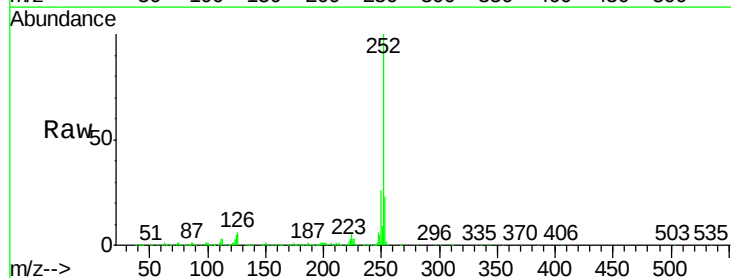
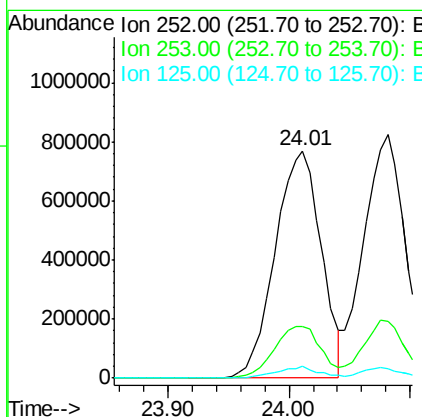
Sohil

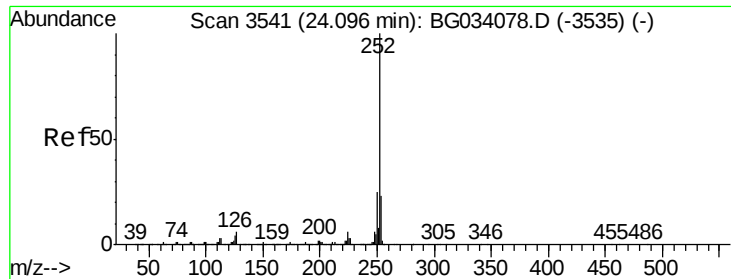
5/3/2018 4:59:35 PM



#87
Benzo(b)fluoranthene
Concen: 46.068 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	5.1	7.2	10.8#



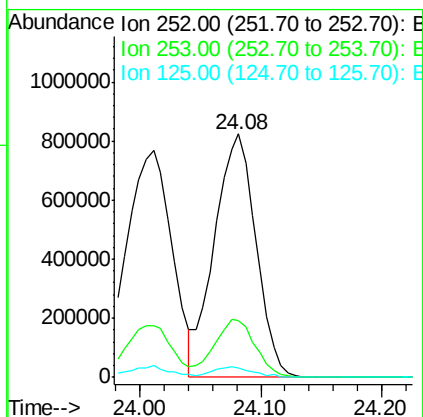
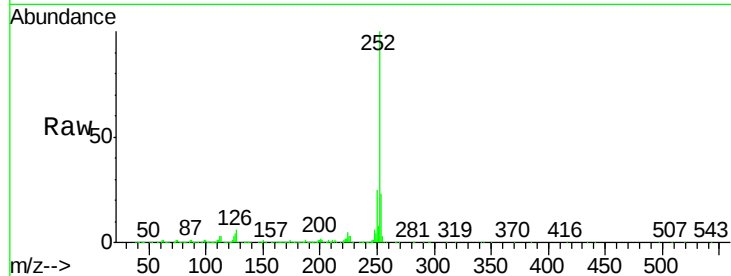


#88
Benzo(k)fluoranthene
Concen: 46.730 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMSD

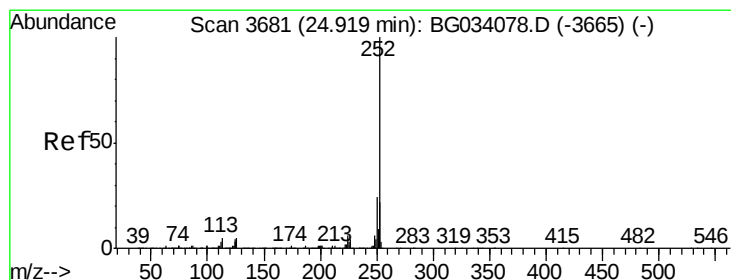
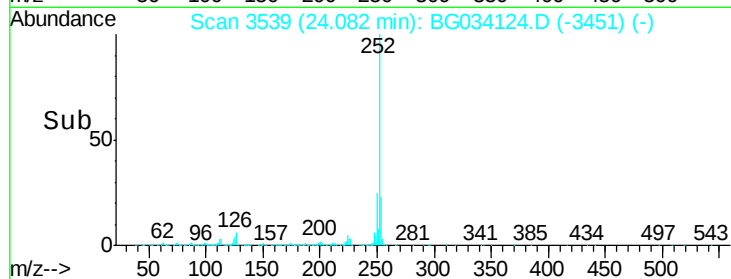
Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.4	17.4	26.2	
125	4.0	6.6	9.8	

Manual Integrations
APPROVED



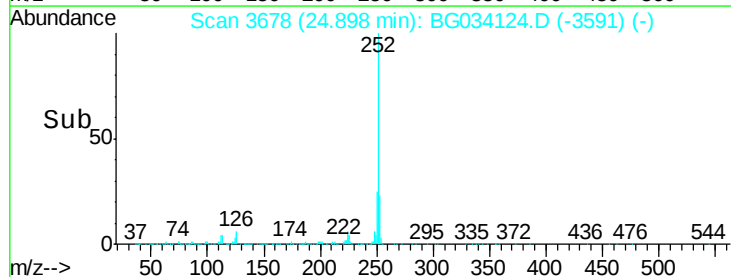
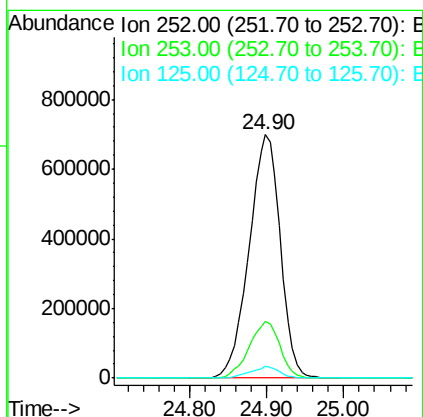
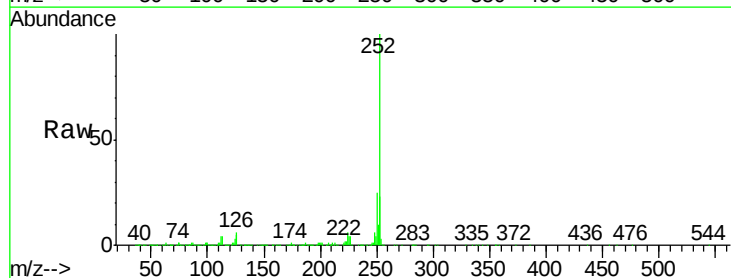
Sohil

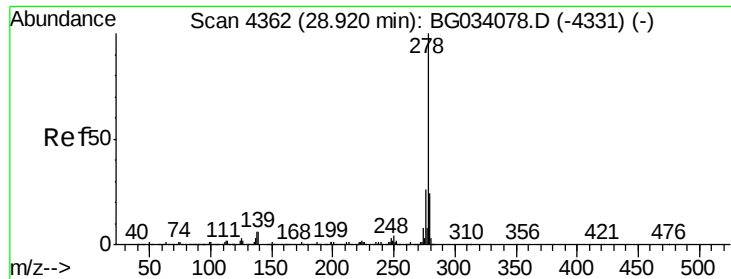
5/3/2018 4:59:35 PM



#89
Benzo(a)pyrene
Concen: 48.112 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG034124.D
Acq: 2 May 2018 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.4	18.3	27.5	
125	4.9	7.3	10.9	





#90

Dibenzo(a,h)anthracene

Concen: 48.661 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.03 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

Instrument :

BNA_G

ClientSampled :

CL-02-043018-AMSD

Tot Ion:278 Resp: 1883071

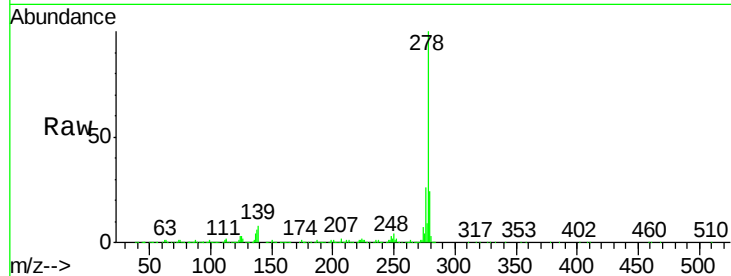
Ion Ratio Lower Upper

278 100

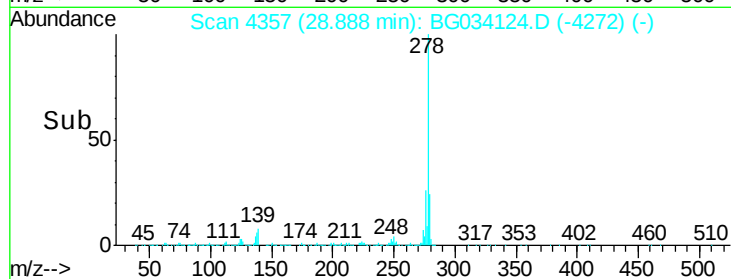
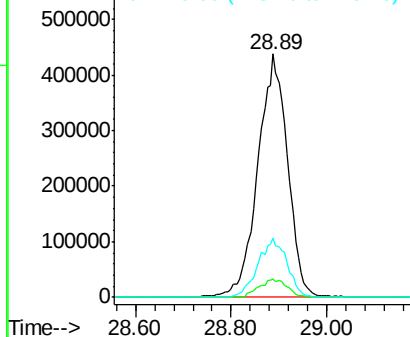
139 7.6 9.8 14.6#

279 24.2 18.4 27.6

Manual Integrations
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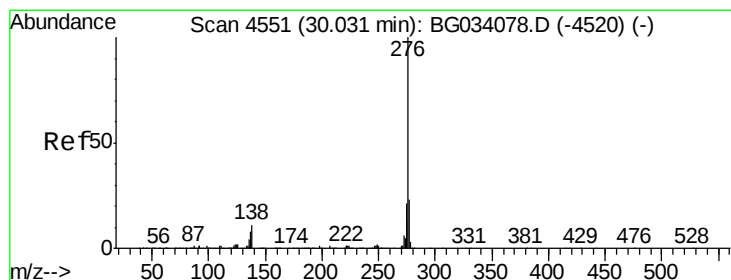


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



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5/3/2018 4:59:35 PM



#91

Benzo(g,h,i)perylene

Concen: 47.450 ng

RT: 29.97 min Scan# 4542

Delta R.T. -0.06 min

Lab File: BG034124.D

Acq: 2 May 2018 20:08

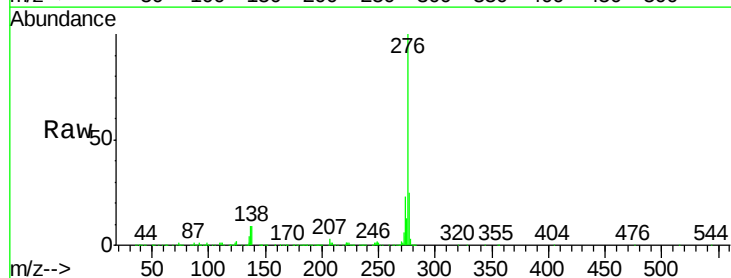
Tgt Ion:276 Resp: 1809826

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 9.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

