

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034123.D
 Acq On : 2 May 2018 19:29
 Operator : SJ/JU
 Sample : J2157-14MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Quant Time: May 03 05:16:03 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	76135	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	289424	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	231104	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	617888	20.00	ng	0.00
75) Chrysene-d12	21.77	240	681114	20.00	ng	0.00
86) Perylene-d12	25.05	264	712319	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	684010	145.15	ng	0.00
7) Phenol-d6	7.22	99	943569	128.62	ng	0.00
23) Nitrobenzene-d5	9.24	82	770290	102.11	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	480883	150.27	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1474506	92.97	ng	0.00
78) Terphenyl-d14	20.09	244	2910503	93.61	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	81272	41.070	ng	# 81
3) Pyridine	3.96	79	206441	33.249	ng	# 78
4) n-Nitrosodimethylamine	3.86	42	164672	48.640	ng	# 79
6) Aniline	7.39	93	118584	11.884	ng	98
8) 2-Chlorophenol	7.64	128	229124	48.727	ng	88
9) Benzaldehyde	7.21	77	79392	15.877	ng	95
10) Phenol	7.25	94	335341	45.320	ng	79
11) bis(2-Chloroethyl)ether	7.49	93	265685	45.609	ng	98
12) 1,3-Dichlorobenzene	7.96	146	249139	41.880	ng	# 84
13) 1,4-Dichlorobenzene	8.11	146	258021	43.672	ng	91
14) 1,2-Dichlorobenzene	8.43	146	246413m	43.908	ng	
15) Benzyl Alcohol	8.31	79	376969	48.169	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.60	45	357266	44.575	ng	82
17) 2-Methylphenol	8.51	107	227801	46.788	ng	# 77
18) Hexachloroethane	9.16	117	108147	43.028	ng	94
19) n-Nitroso-di-n-propylamine	8.88	70	271008	41.135	ng	95
20) 3+4-Methylphenols	8.83	107	307216	42.605	ng	81
22) Acetophenone	8.90	105	438305	44.459	ng	93
24) Nitrobenzene	9.28	77	409566	49.602	ng	# 85
25) Isophorone	9.80	82	737349	47.916	ng	# 96
26) 2-Nitrophenol	10.00	139	126556	55.367	ng	# 64
27) 2,4-Dimethylphenol	10.05	122	258522	58.340	ng	89
28) bis(2-Chloroethoxy)methane	10.29	93	378266	50.044	ng	98
29) 2,4-Dichlorophenol	10.53	162	279563	52.779	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	304148	47.687	ng	93
31) Naphthalene	10.94	128	720275	47.347	ng	100
32) Benzoic acid	10.18	122	154411	40.374	ng	# 73
33) 4-Chloroaniline	11.04	127	12014	1.751	ng	97
34) Hexachlorobutadiene	11.23	225	255423	47.314	ng	98
35) Caprolactam	11.81	113	73988m	39.326	ng	
36) 4-Chloro-3-methylphenol	12.16	107	354094	51.556	ng	91
37) 2-Methylnaphthalene	12.55	142	580312	47.046	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	412530	46.130	ng	# 98
40) Hexachlorocyclopentadiene	12.89	237	568692	107.322	ng	94

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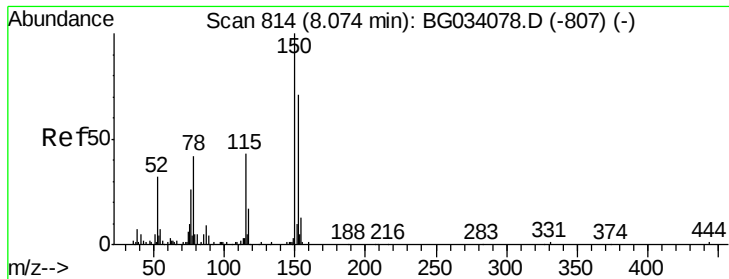
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	13.15	196	270069	51.978	nq		95
43) 2,4,5-Trichlorophenol	13.22	196	287769	50.099	nq	#	89
45) 1,1'-Biphenyl	13.55	154	813878	45.081	nq		99
46) 2-Chloronaphthalene	13.59	162	635900	46.524	nq		95
47) 2-Nitroaniline	13.79	65	275431	50.403	nq	#	82
48) Acenaphthylene	14.44	152	973646	44.617	nq		99
49) Dimethylphthalate	14.17	163	913436	45.581	nq	#	99
50) 2,6-Dinitrotoluene	14.29	165	204642	53.170	nq	#	80
51) Acenaphthene	14.78	154	647186	43.636	nq		97
52) 3-Nitroaniline	14.62	138	25253	6.510	nq	#	77
53) 2,4-Dinitrophenol	14.82	184	237698	157.866	nq	#	72
54) Dibenzofuran	15.12	168	1009382	46.945	nq		91
55) 4-Nitrophenol	14.91	139	296766	100.225	nq	#	40
56) 2,4-Dinitrotoluene	15.07	165	288381	55.181	nq		88
57) Fluorene	15.77	166	849210	45.314	nq		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	317256	53.390	nq		95
59) Diethylphthalate	15.54	149	956678	45.113	nq		99
60) 4-Chlorophenyl-phenylether	15.76	204	527063	47.274	nq		94
61) 4-Nitroaniline	15.78	138	165964	40.331	nq	#	43
62) Azobenzene	16.05	77	1061976	46.358	nq		93
64) 4,6-Dinitro-2-methylphenol	15.84	198	164478	56.615	nq		94
65) n-Nitrosodiphenylamine	15.97	169	773779	45.927	nq		99
66) 4-Bromophenyl-phenylether	16.66	248	358529	46.735	nq		96
67) Hexachlorobenzene	16.77	284	358640	46.055	nq	#	93
68) Atrazine	16.92	200	346508	Below	Cal		95
69) Pentachlorophenol	17.11	266	507314	93.468	nq		98
70) Phenanthrene	17.51	178	1484769	46.765	nq		97
71) Anthracene	17.61	178	1519712	47.228	nq		99
72) Carbazole	17.87	167	1370307	46.519	nq	#	95
73) Di-n-butylphthalate	18.44	149	1602501	45.196	nq	#	96
74) Fluoranthene	19.52	202	1924187	47.960	nq		93
76) Benzidine	19.72	184	139373m	7.944	nq		
77) Pyrene	19.88	202	1915398	44.885	nq		96
79) Butylbenzylphthalate	20.78	149	765222	45.935	nq		86
80) Benzo(a)anthracene	21.74	228	2068744	47.393	nq		98
81) 3,3'-Dichlorobenzidine	21.65	252	303605	18.393	nq	#	98
82) Chrysene	21.81	228	1938792	46.405	nq		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	1042679	45.478	nq		98
84) Di-n-octyl phthalate	22.92	149	1795396	49.029	nq		99
85) Indeno(1,2,3-cd)pyrene	28.82	276	2348921	51.087	nq	#	87
87) Benzo(b)fluoranthene	24.01	252	2147121	47.718	nq	#	95
88) Benzo(k)fluoranthene	24.08	252	1987339	46.211	nq	#	95
89) Benzo(a)pyrene	24.90	252	2030227	48.227	nq	#	96
90) Dibenzo(a,h)anthracene	28.89	278	1933091	48.713	nq	#	94
91) Benzo(g,h,i)perylene	30.00	276	1942490	49.663	nq	#	91

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



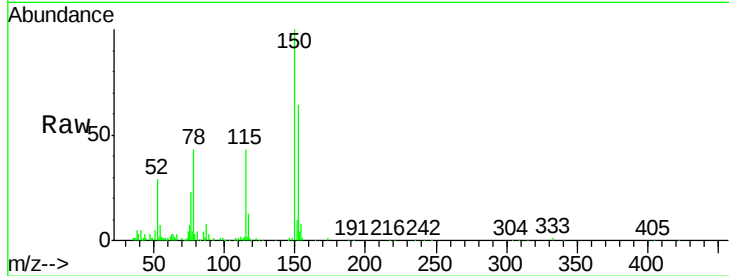
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

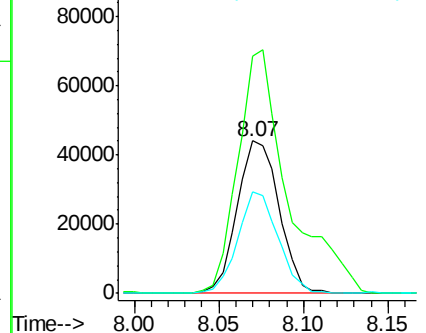
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	66.2	53.0	79.4

Manual Integrations
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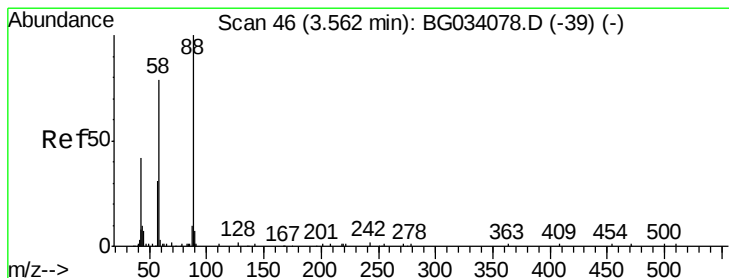
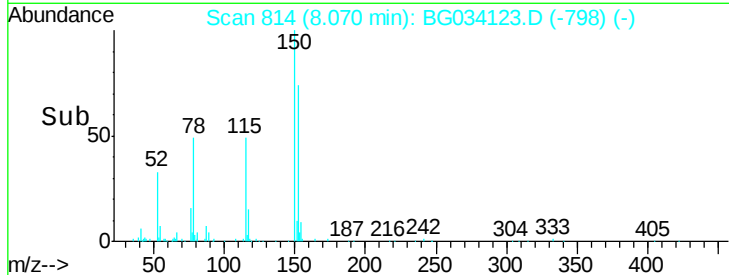


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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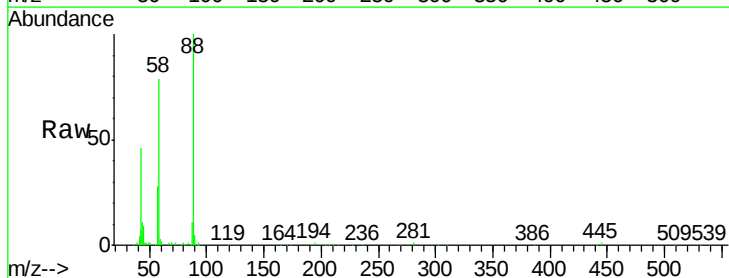
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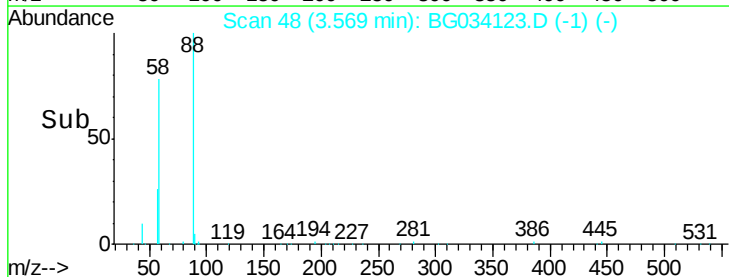
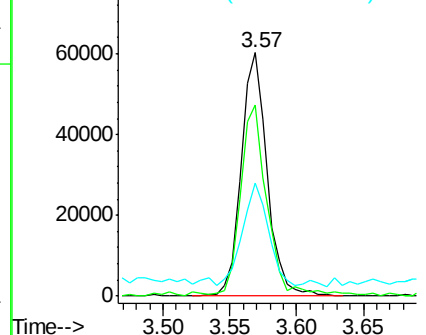
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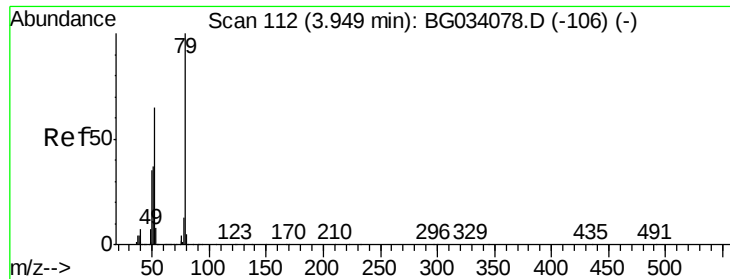
1,4-Dioxane
Concen: 41.070 ng
RT: 3.57 min Scan# 48
Delta R.T. 0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	79.6	119.4#
43	41.2	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: 33.249 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.01 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

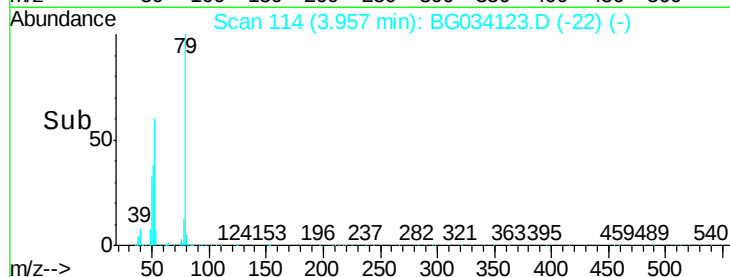
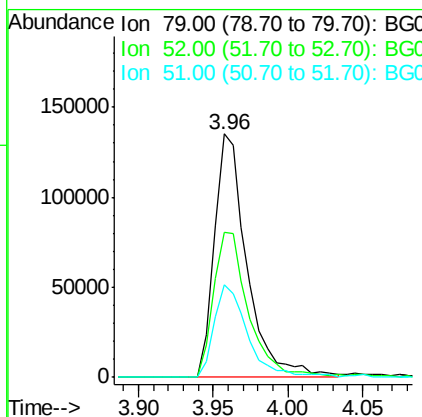
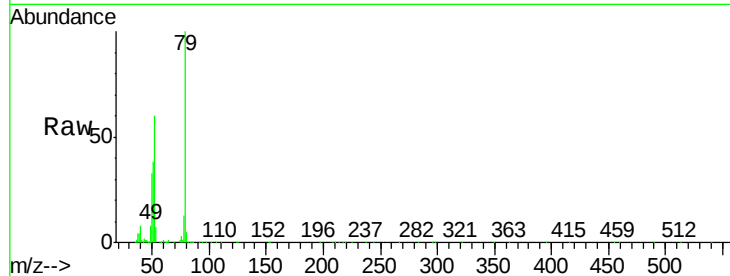
BNA_G

ClientSampleId :

CL-02-043018-AMS

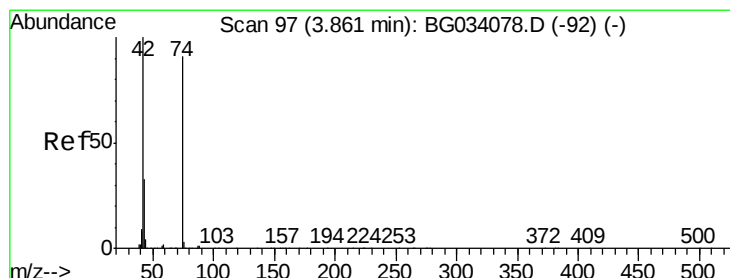
Tot Ion:	79	Resp:	206441
Ion Ratio	Lower	Upper	
79	100		
52	59.7	69.9	104.9#
51	38.0	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 48.640 ng

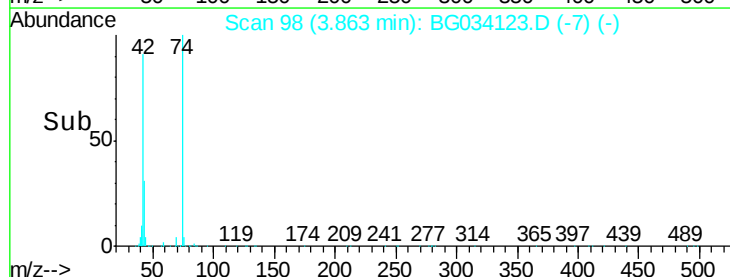
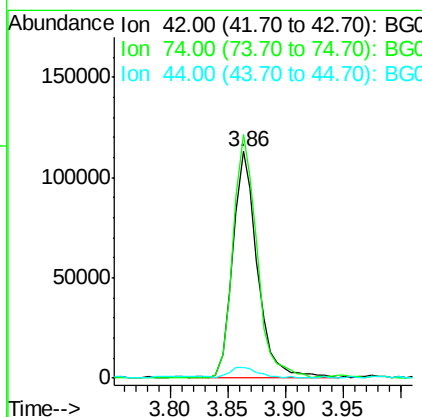
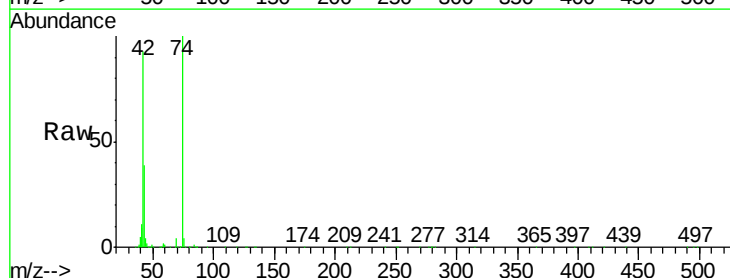
RT: 3.86 min Scan# 98

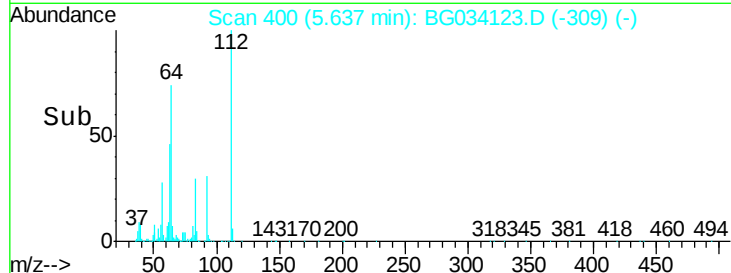
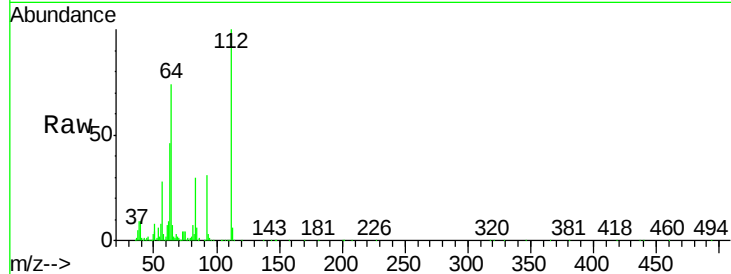
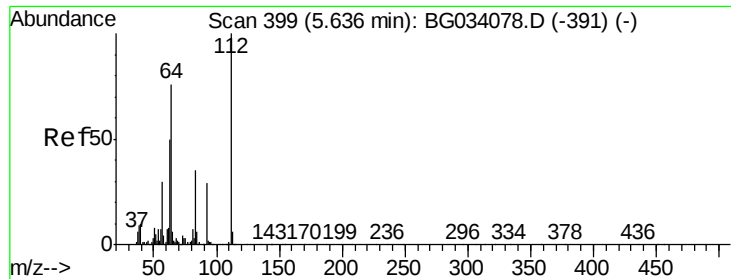
Delta R.T. 0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Tgt Ion:	42	Resp:	164672
Ion Ratio	Lower	Upper	
42	100		
74	107.4	102.5	153.7
44	4.7	18.9	28.3#



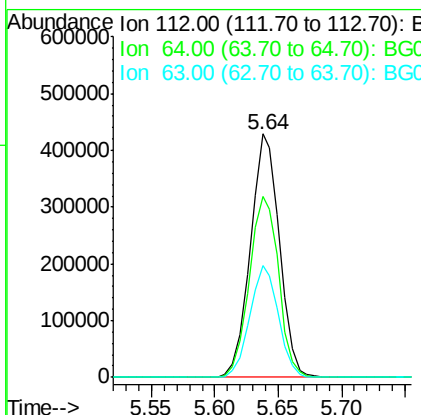


#5
2-Fluorophenol
Concen: 145.151 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tot Ion	Ratio	Resp	Lower	Upper
112	100	684010		
64	74.5	56.3	84.5	
63	46.1	30.1	45.1	

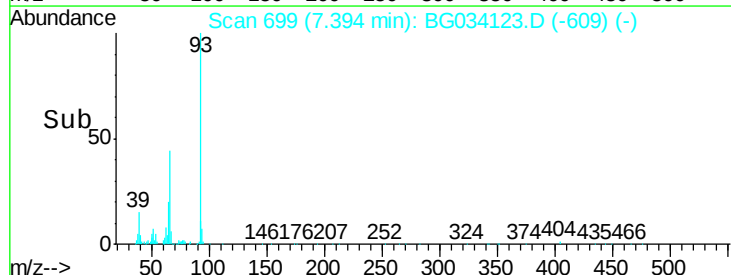
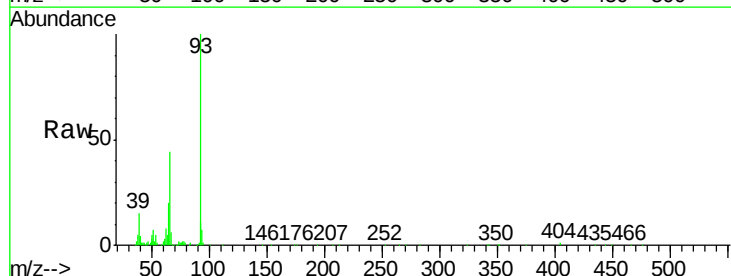
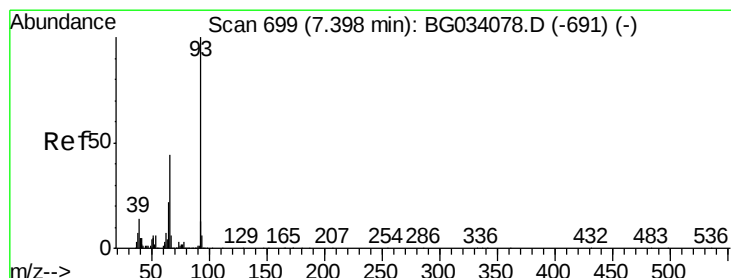
Instrument :
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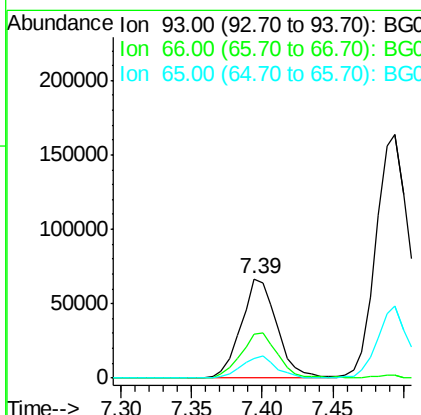
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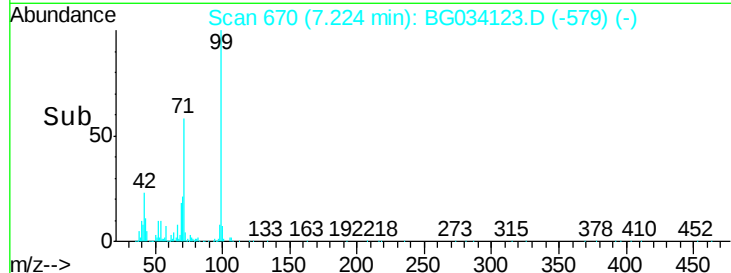
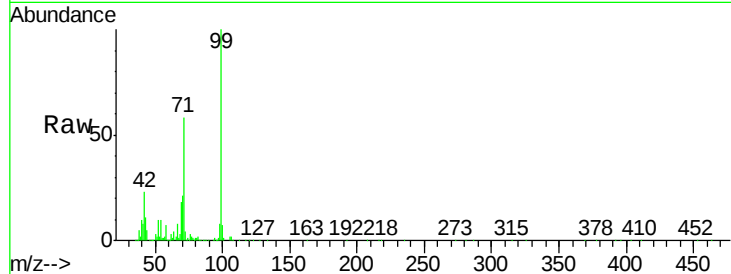
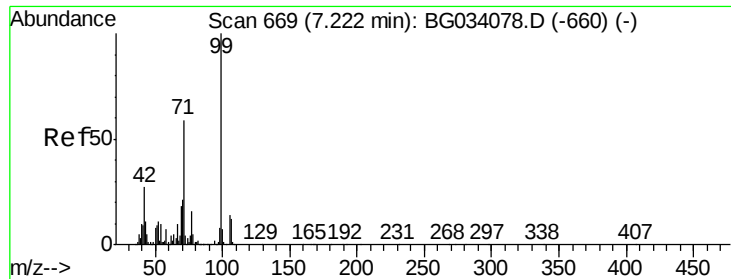
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#6
Aniline
Concen: 11.884 ng
RT: 7.39 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	118584		
66	44.2	33.7	50.5	
65	20.0	16.1	24.1	





#7

Phenol-d6

Concen: 128.616 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

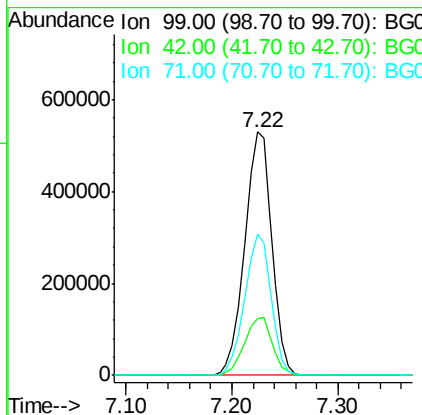
Lab File: BG034123.D

Acq: 2 May 2018 19:29

Tot Ion:	99	Resp:	943569
Ion Ratio	Lower	Upper	
99	100		
42	23.3	14.1	21.1#
71	57.9	26.1	39.1#

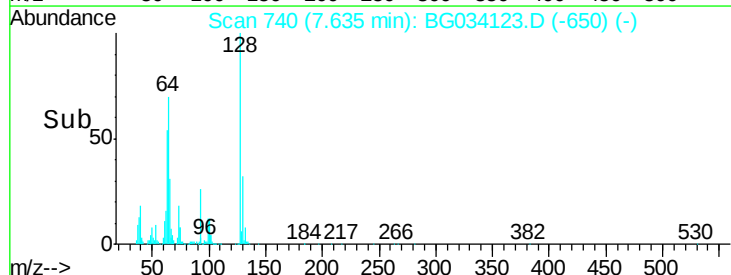
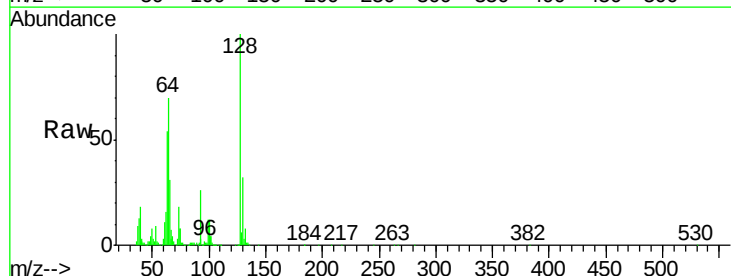
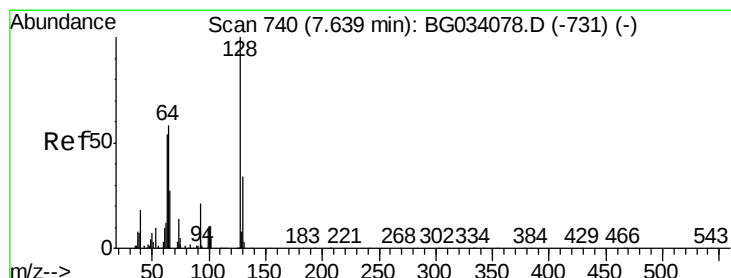
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#8

2-Chlorophenol

Concen: 48.727 ng

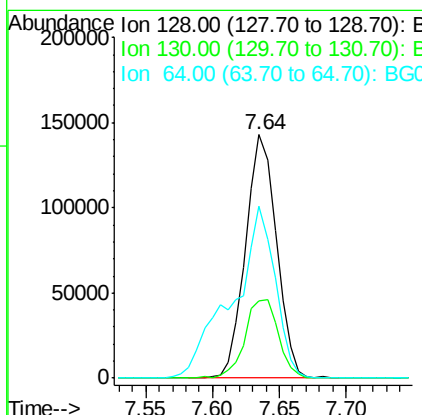
RT: 7.64 min Scan# 740

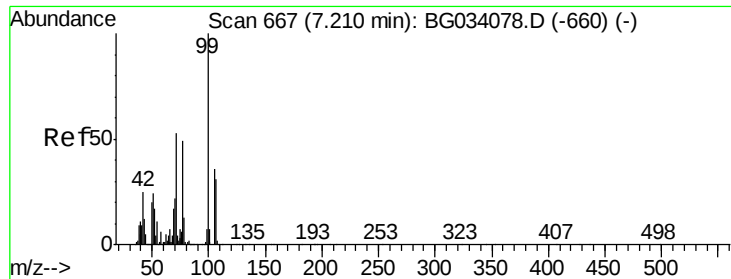
Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Tgt Ion:	128	Resp:	229124
Ion Ratio	Lower	Upper	
128	100		
130	32.0	14.0	54.0
64	70.5	37.7	77.7





#9

Benzaldehyde

Concen: 15.877 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMS

Tot Ion: 77 Resp: 79392

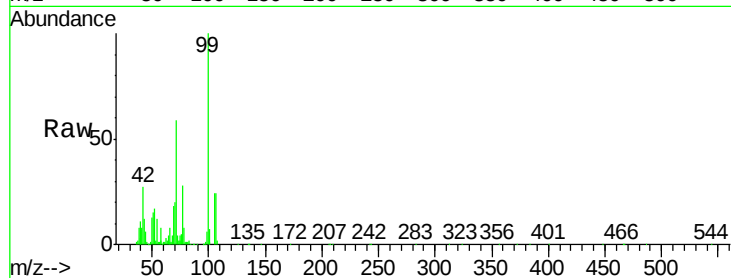
Ion Ratio Lower Upper

77 100

105 84.3 71.3 111.3

106 85.9 64.2 104.2

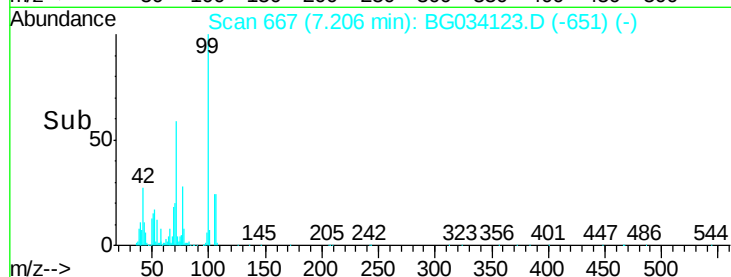
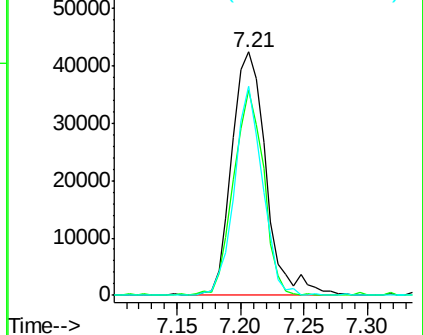
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC

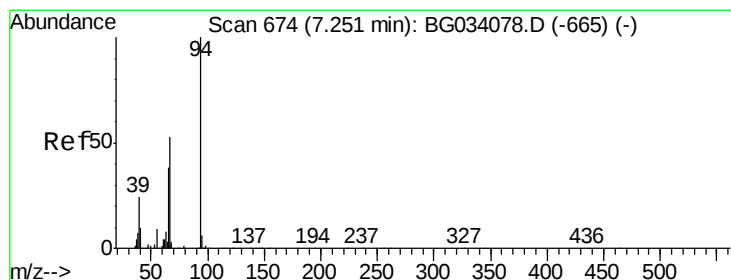
Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



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#10

Phenol

Concen: 45.320 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

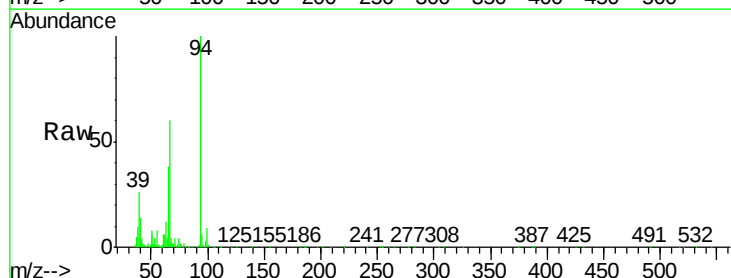
Tgt Ion: 94 Resp: 335341

Ion Ratio Lower Upper

94 100

65 38.0 11.9 51.9

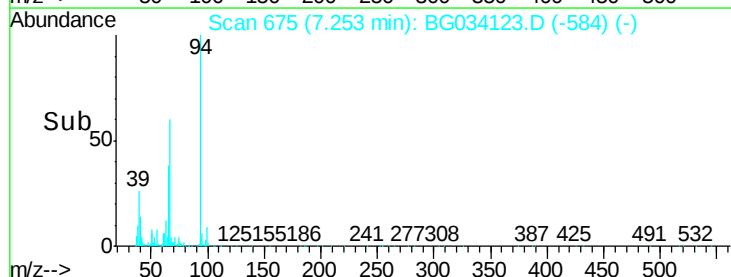
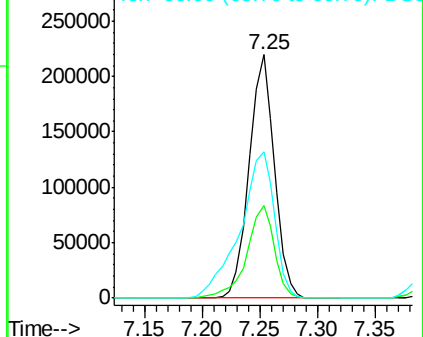
66 60.2 22.2 62.2

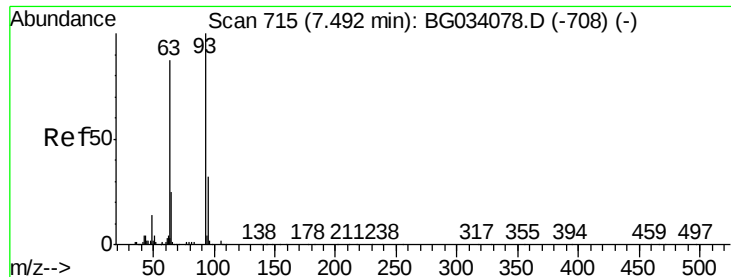


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



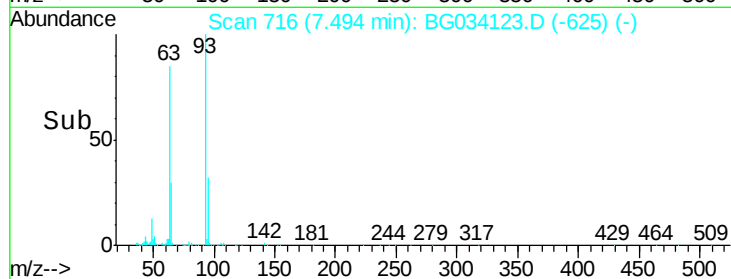
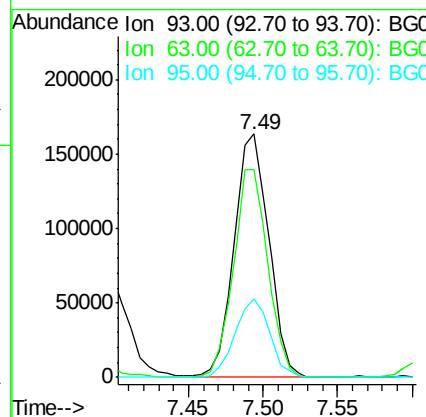
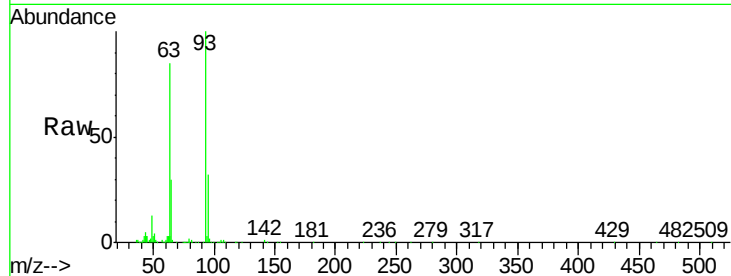


#11
bis(2-Chloroethyl)ether
Concen: 45.609 ng
RT: 7.49 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

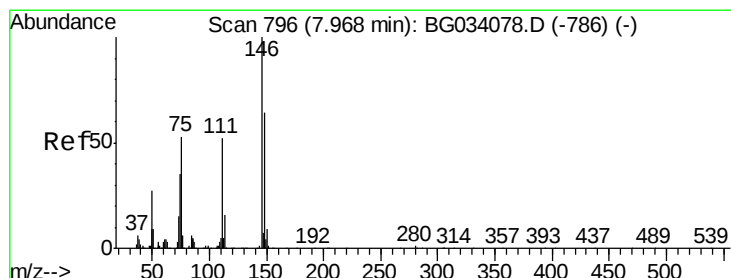
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	67.1	107.1
95	32.4	11.5	51.5

Manual Integrations
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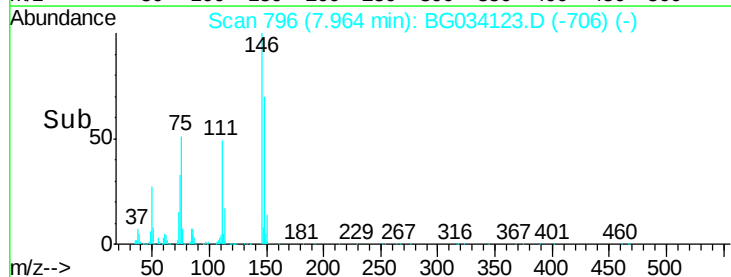
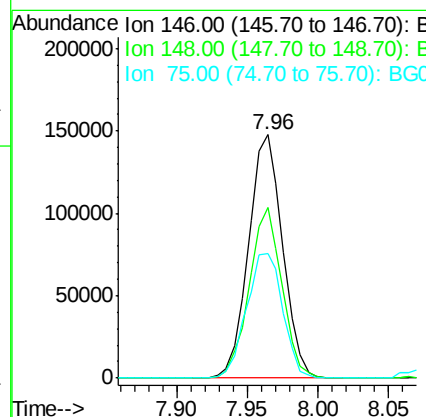
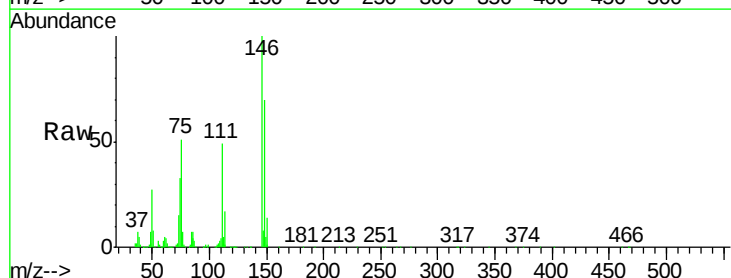
Sohil

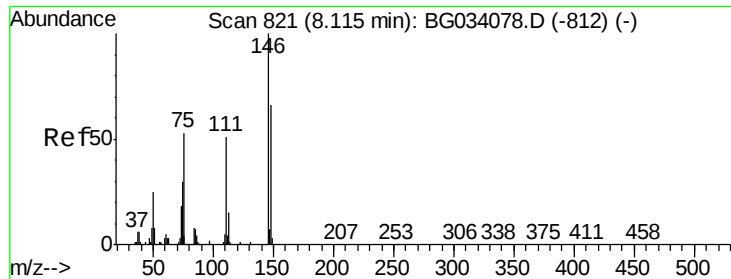
5/3/2018 4:59:33 PM



#12
1,3-Dichlorobenzene
Concen: 41.880 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.3	51.4	77.2
75	51.0	26.6	39.8



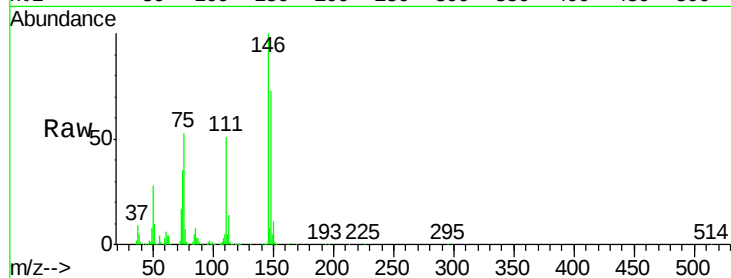


#13
1,4-Dichlorobenzene
Concen: 43.672 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	73.0	53.7	80.5
111	51.0	35.2	52.8

Manual Integrations
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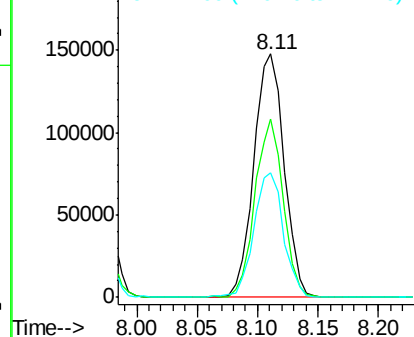


Abundance

Ion 146.00 (145.70 to 146.70): E

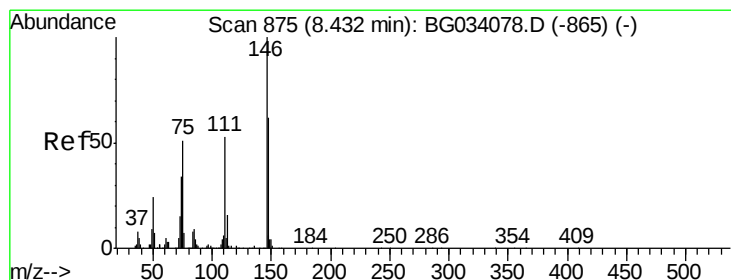
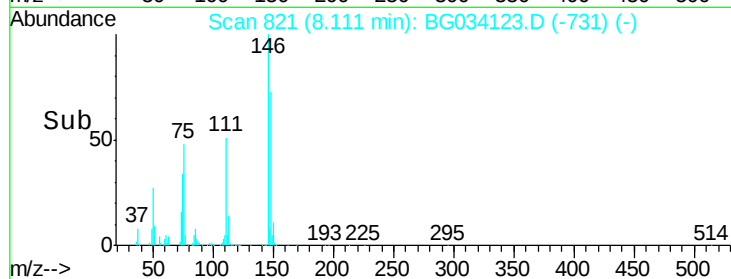
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



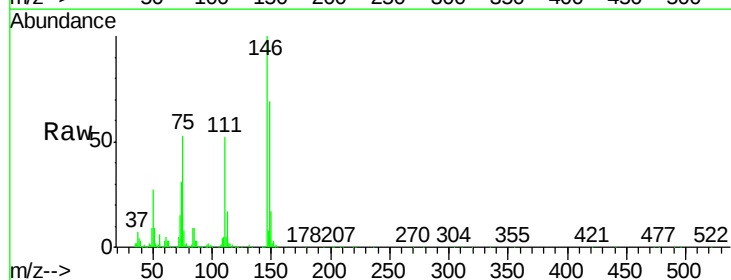
Sohil

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#14
1,2-Dichlorobenzene
Concen: 43.908 ng m
RT: 8.43 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.5	49.3	73.9
111	52.4	34.3	51.5#

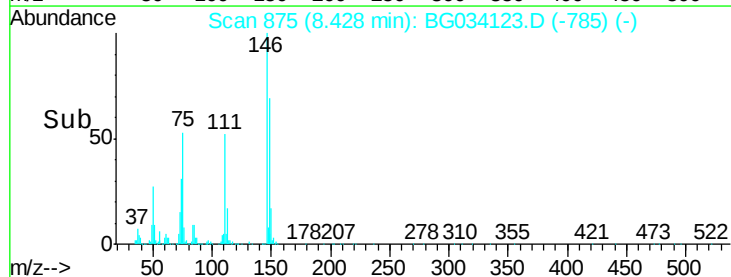
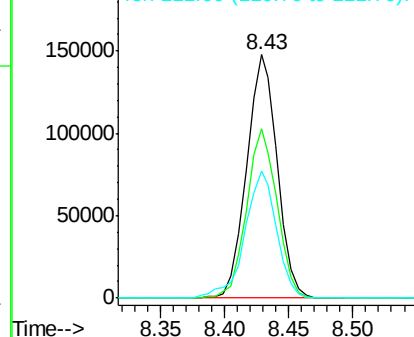


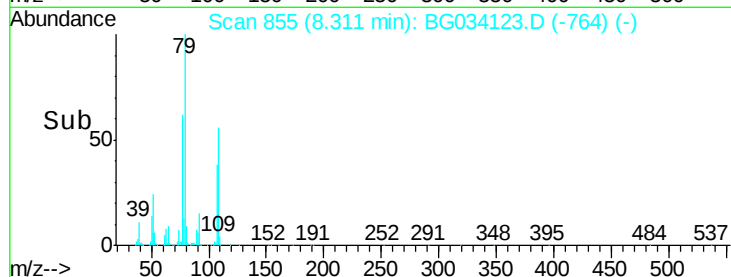
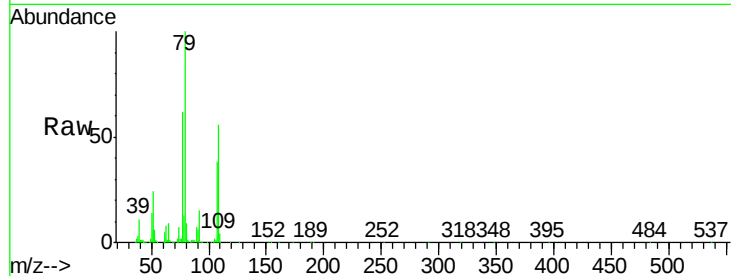
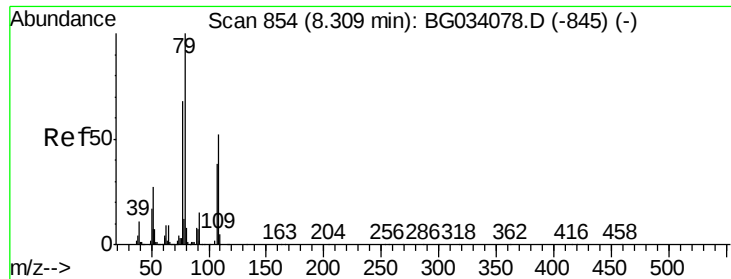
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



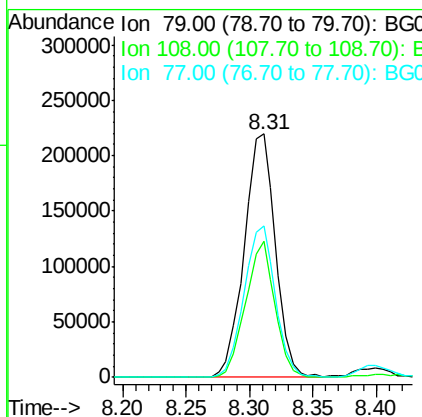


#15
Benzyl Alcohol
Concen: 48.169 ng
RT: 8.31 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tot Ion	Ratio	Lower	Upper
79	100		
108	55.9	57.2	85.8#
77	62.2	46.1	69.1

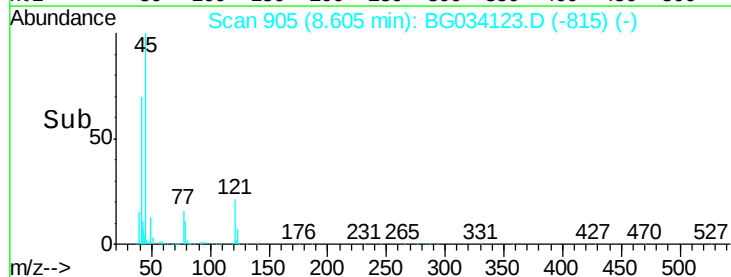
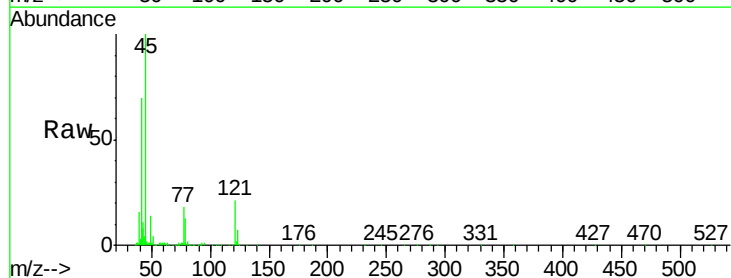
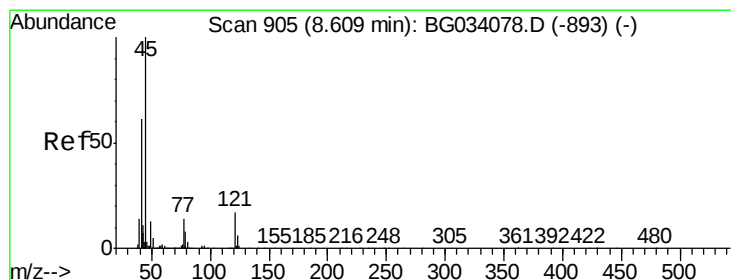
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMS

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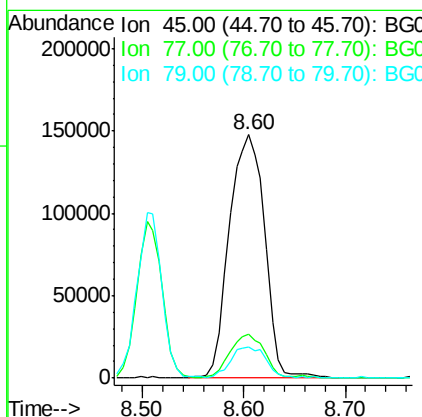
Sohil

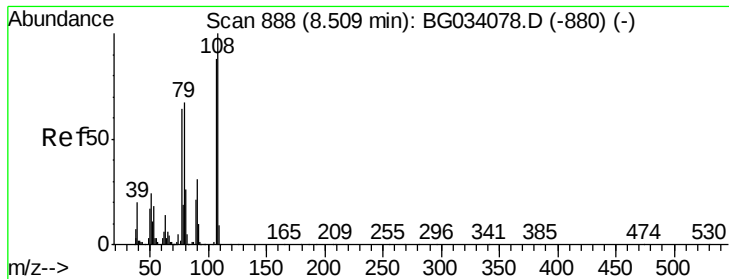
5/3/2018 4:59:33 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.575 ng
RT: 8.60 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	30.2
79	12.9	0.0	27.9





#17

2-Methylphenol

Concen: 46.788 ng

RT: 8.51 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

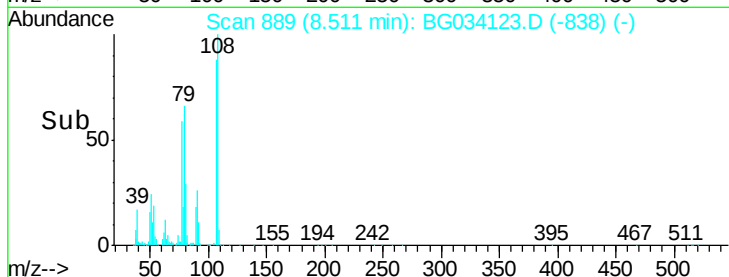
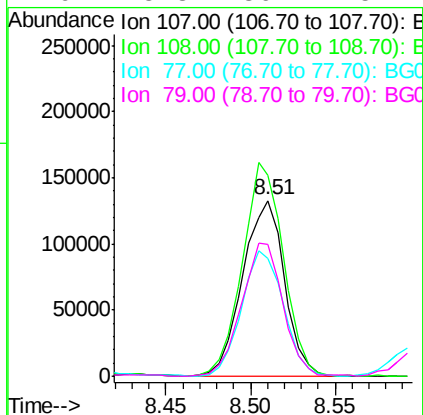
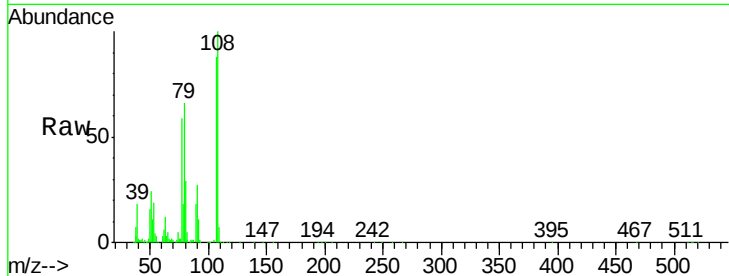
BNA_G

ClientSampleId :

CL-02-043018-AMS

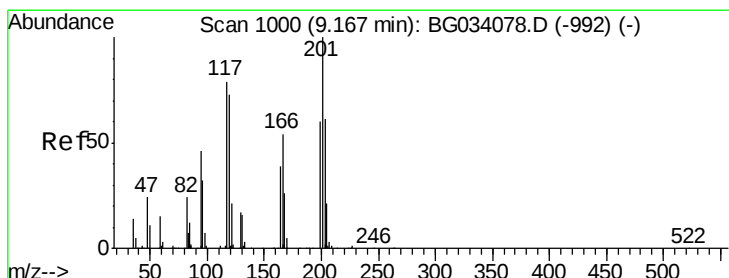
Tot Ion:	107	Resp:	227801
Ion Ratio	Lower	Upper	
107	100		
108	114.2	83.9	125.9
77	67.5	37.2	55.8
79	75.3	36.2	54.2

Manual Integrations
APPROVED



Sohil

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#18

Hexachloroethane

Concen: 43.028 ng

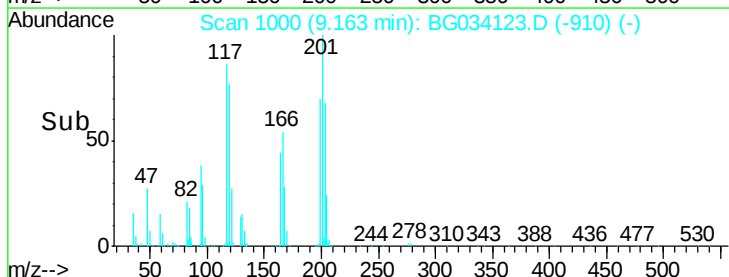
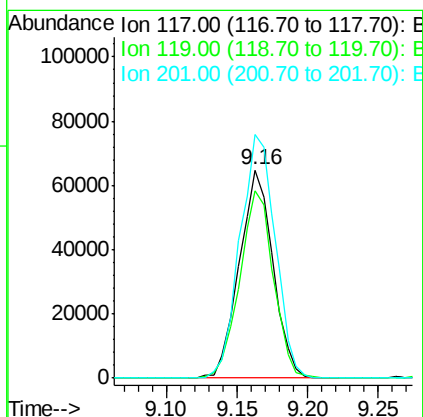
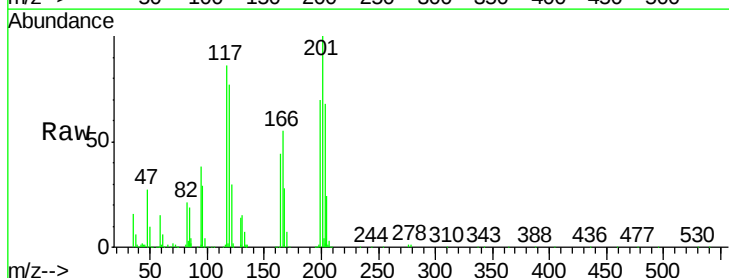
RT: 9.16 min Scan# 1000

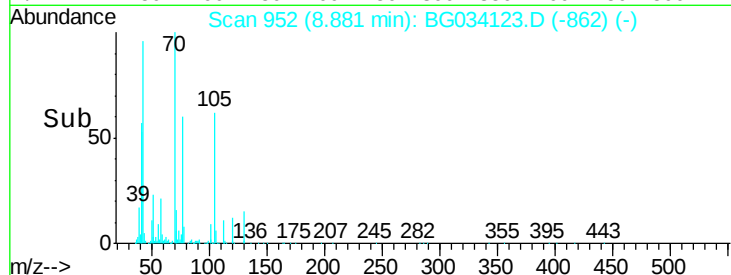
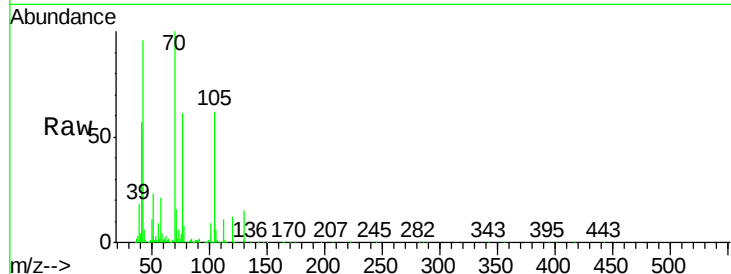
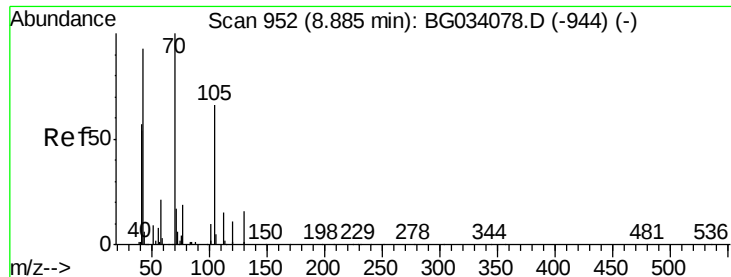
Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

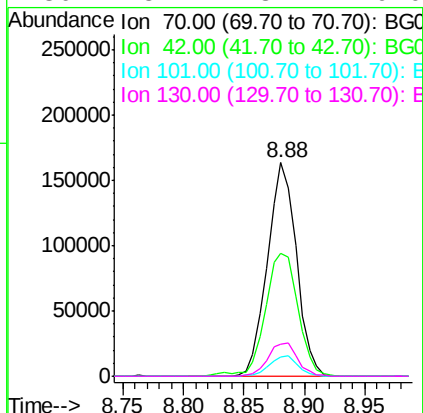
Tgt Ion:	117	Resp:	108147
Ion Ratio	Lower	Upper	
117	100		
119	88.0	76.7	115.1
201	114.4	95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 41.135 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.3	49.1	73.7	
101	8.9	8.5	12.7	
130	15.2	13.4	20.0	

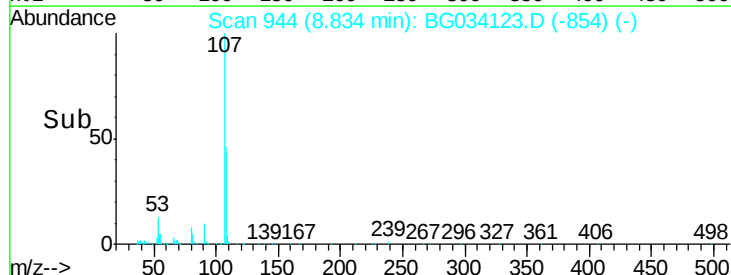
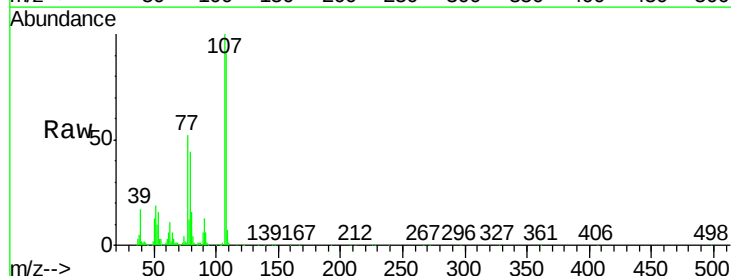
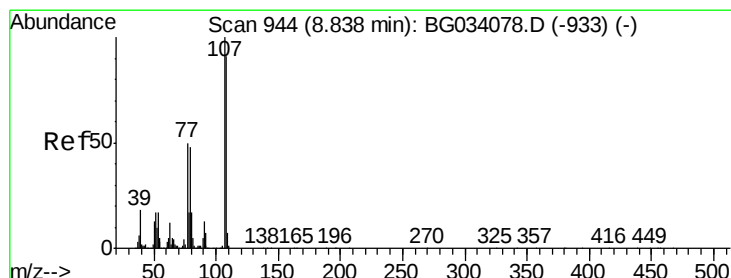


Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMS

Manual Integrations
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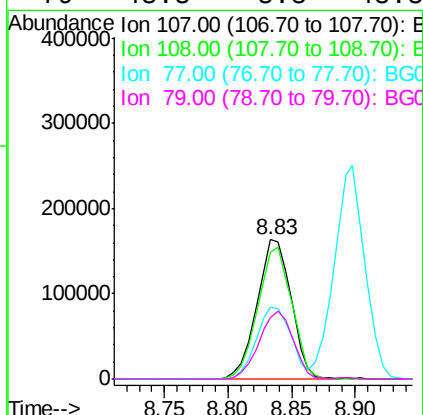
Sohil

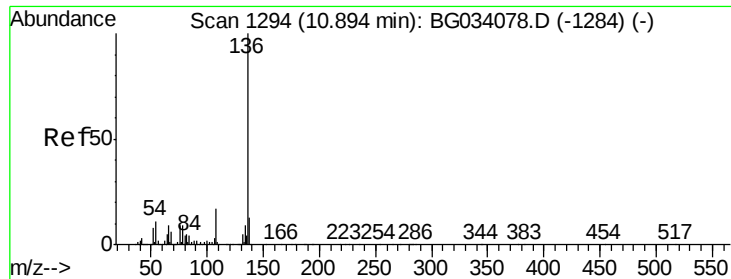
5/3/2018 4:59:33 PM



#20
3+4-Methylphenols
Concen: 42.605 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	61.6	101.6	
77	51.6	13.9	53.9	
79	43.8	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: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

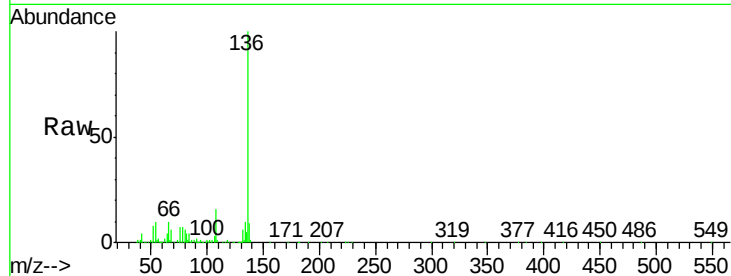
BNA_G

ClientSampleId :

CL-02-043018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	289424		
137	9.3		9.2	13.8
54	9.9		10.3	15.5
68	5.6		4.5	6.7

Manual Integrations
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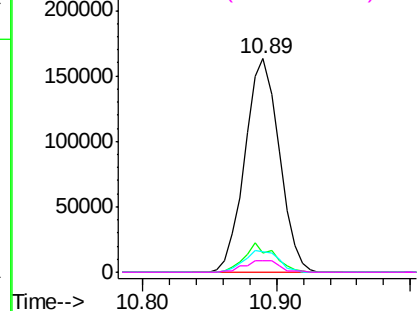


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

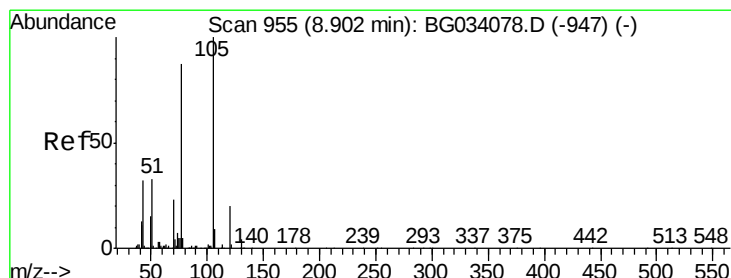
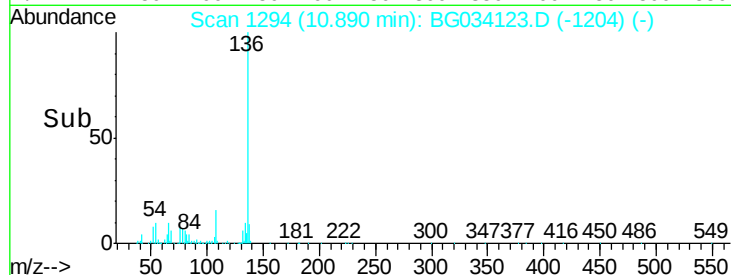
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Sohil

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#22

Acetophenone

Concen: 44.459 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

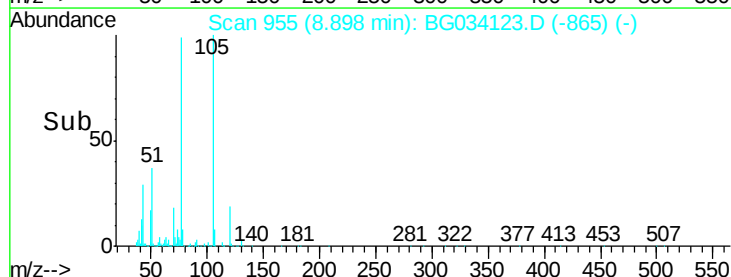
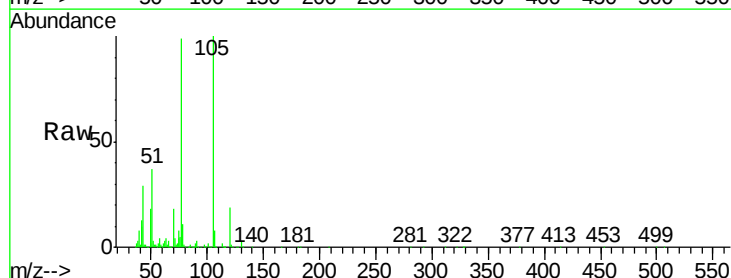
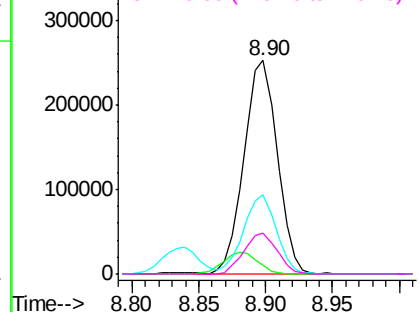
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438305		
71	4.0		3.0	4.4
51	37.2		26.1	39.1
120	19.1		17.4	26.2

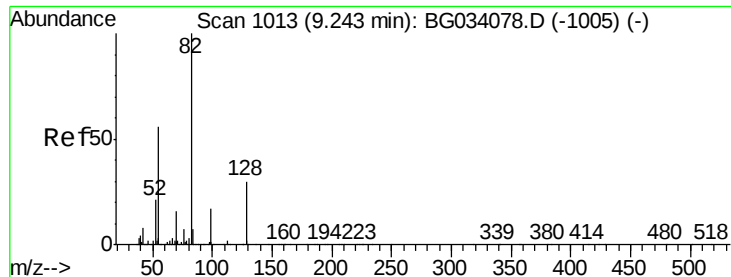
Abundance Ion 105.00 (104.70 to 105.70): E

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



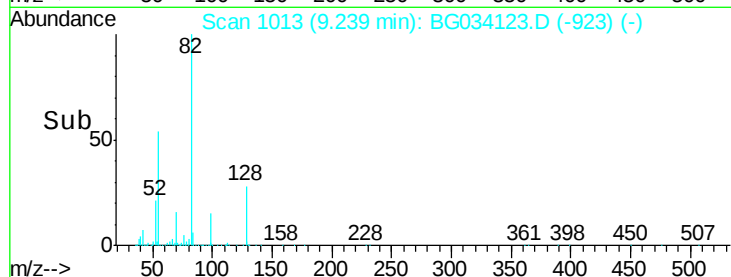
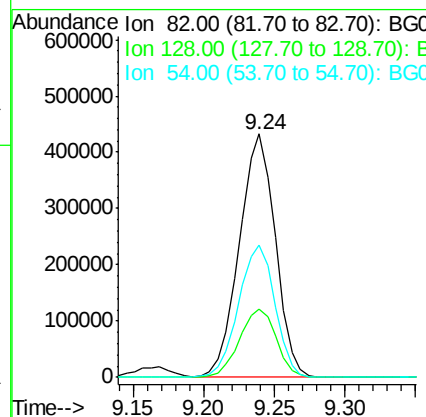
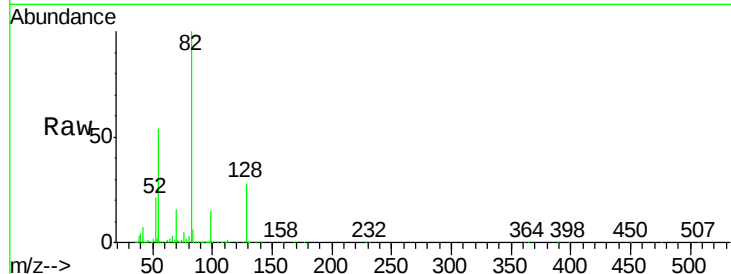


#23
 Nitrobenzene-d5
 Concen: 102.115 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

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

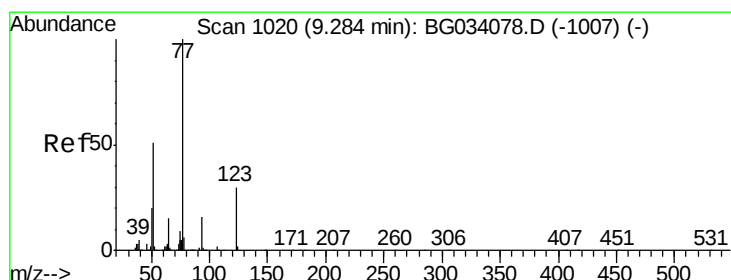
Tot Ion	Ratio	Lower	Upper
82	100		
128	28.2	29.7	44.5#
54	54.2	43.1	64.7

Manual Integrations
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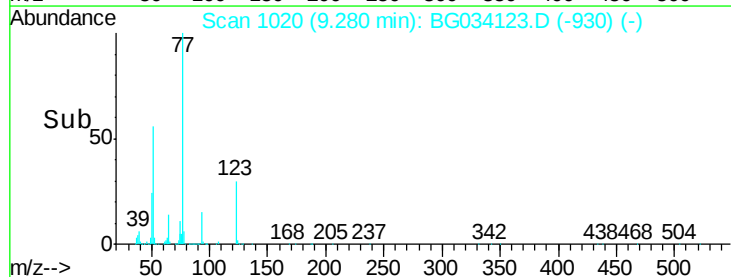
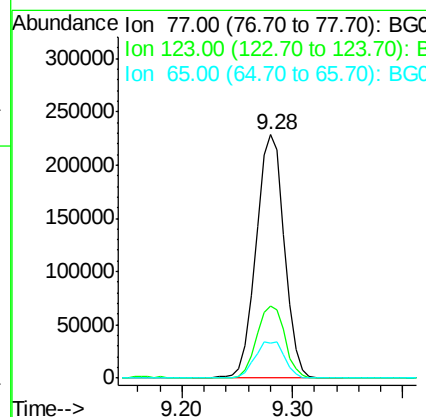
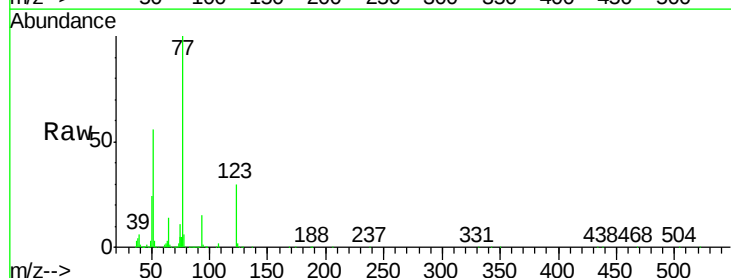
Sohil

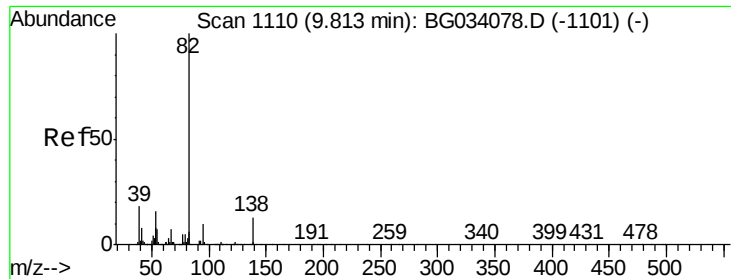
5/3/2018 4:59:33 PM



#24
 Nitrobenzene
 Concen: 49.602 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.8	33.0	49.6#
65	14.2	13.0	19.6



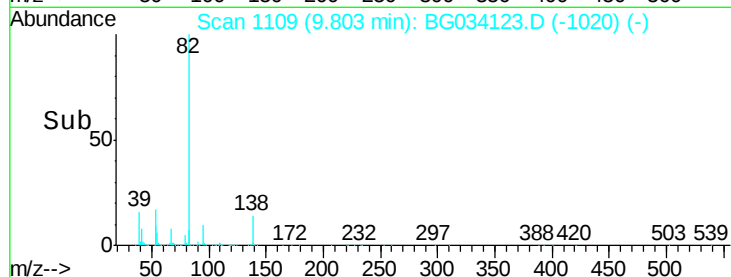
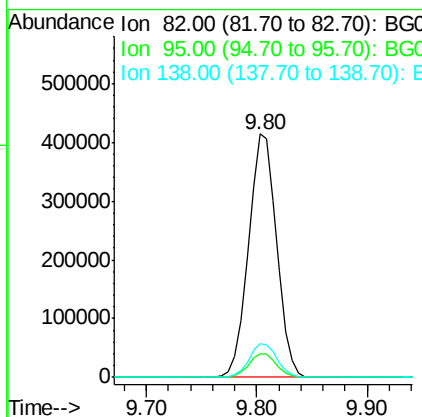
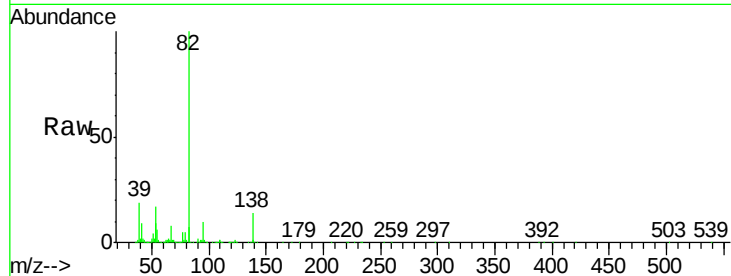


#25
Isophorone
Concen: 47.916 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

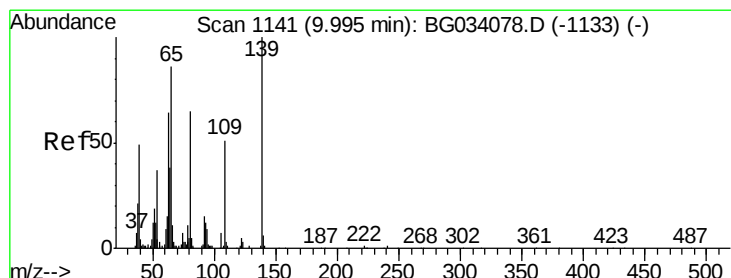
Tot Ion	Ratio	Lower	Upper
82	100		
95	9.9	6.2	9.2#
138	13.8	12.1	18.1

Manual Integrations
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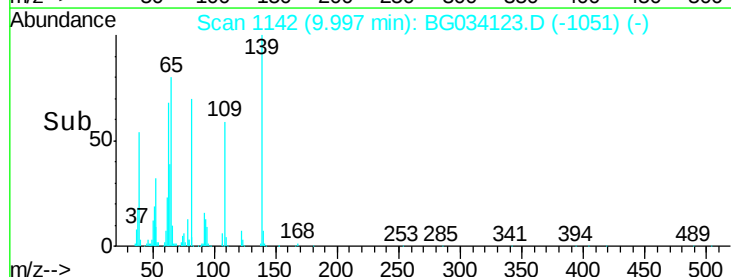
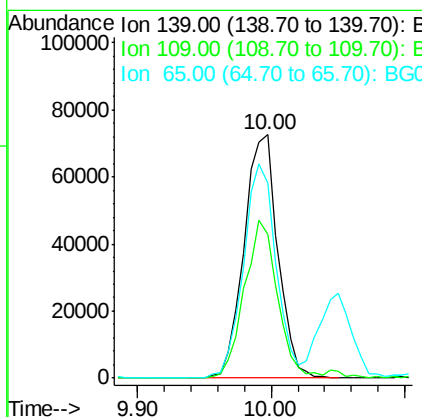
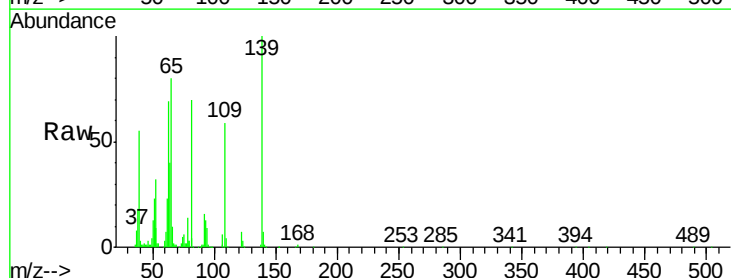
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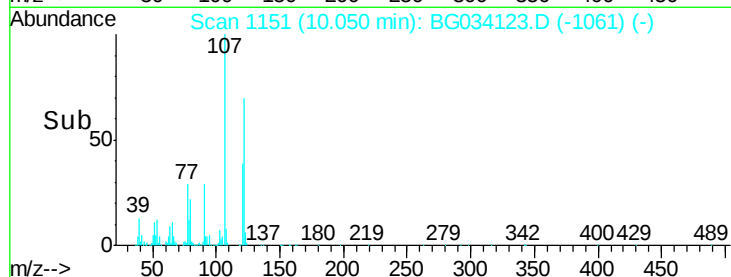
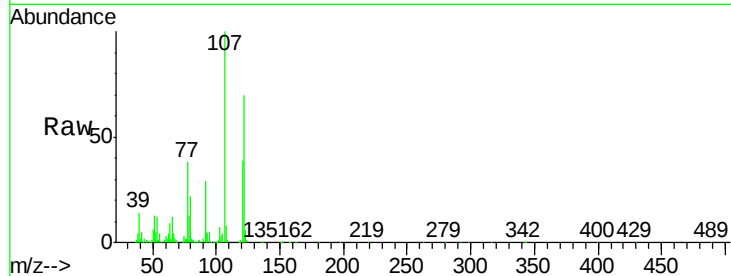
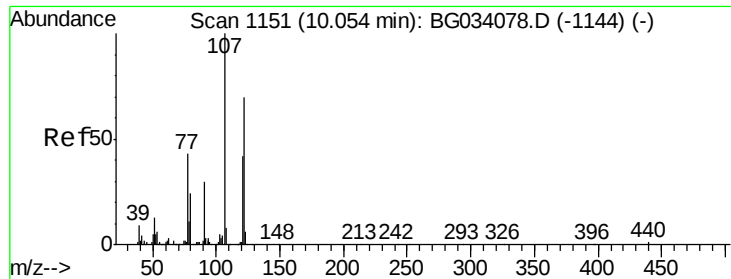
5/3/2018 4:59:33 PM



#26
2-Nitrophenol
Concen: 55.367 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.3	24.2	36.2#
65	80.1	47.4	71.0#



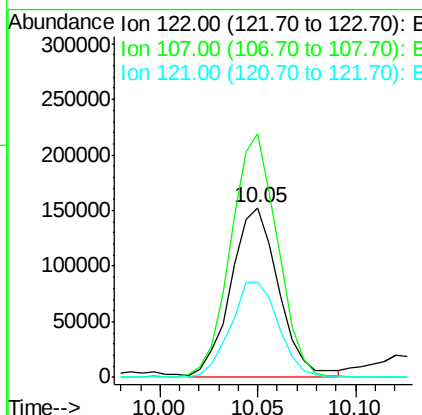


#27
2,4-Dimethylphenol
Concen: 58.340 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tot Ion	Ratio	Resp	Lower	Upper
122	100	258522		
107	143.5	100.2	150.2	
121	55.8	44.4	66.6	

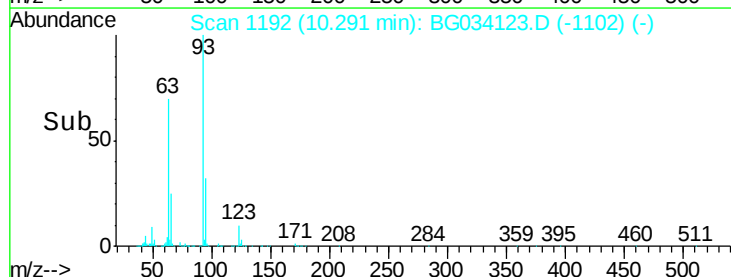
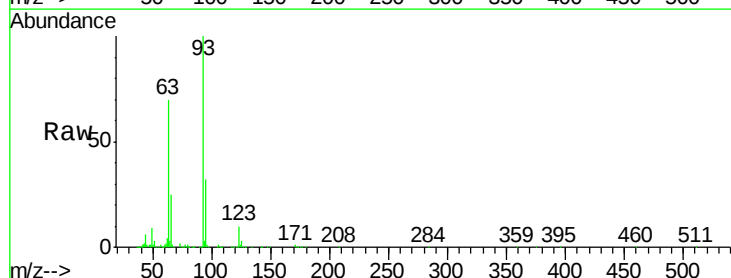
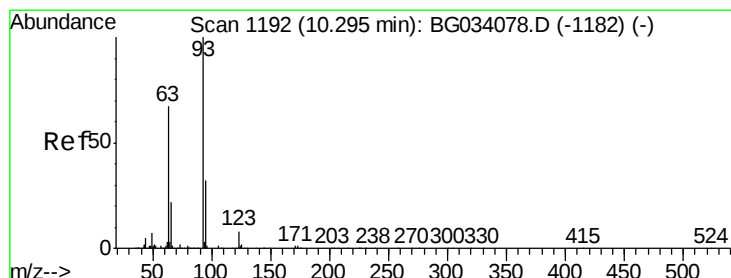
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMS

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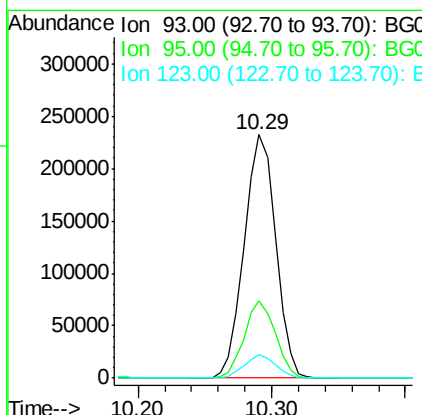
Sohil

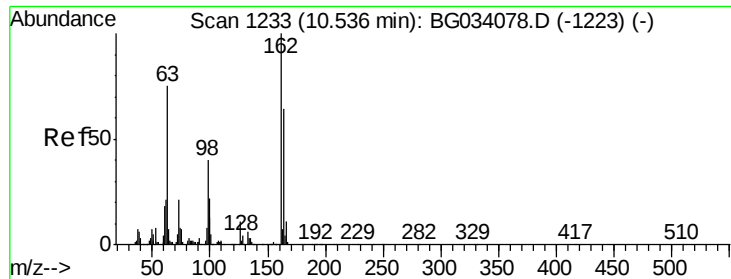
5/3/2018 4:59:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.044 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	378266		
95	31.6	24.3	36.5	
123	9.6	8.4	12.6	



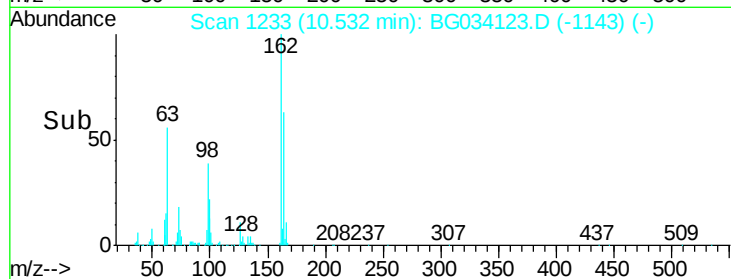
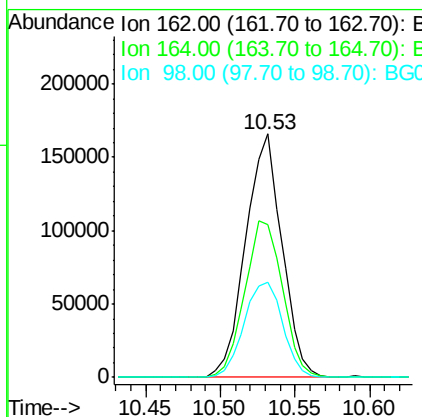
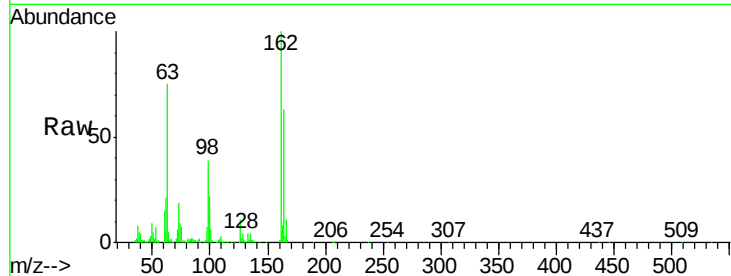


#29
2,4-Dichlorophenol
Concen: 52.779 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

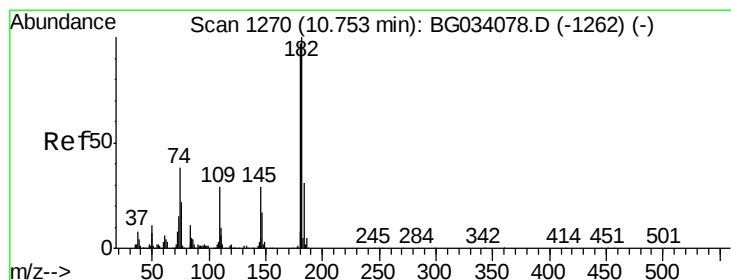
Tot Ion	Ratio	Resp	Lower	Upper
162	100	279563		
164	62.7	48.0	88.0	
98	39.0	21.1	61.1	

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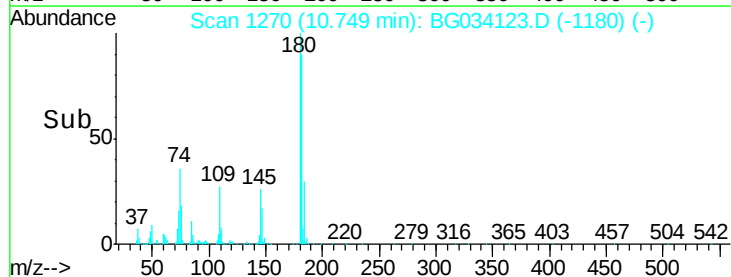
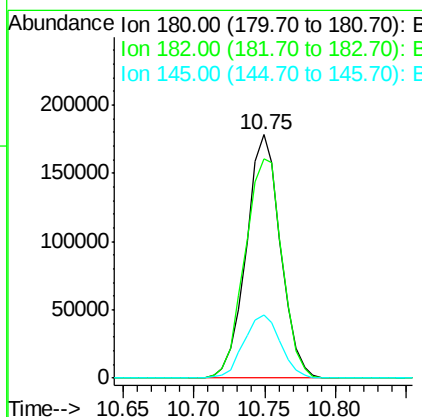
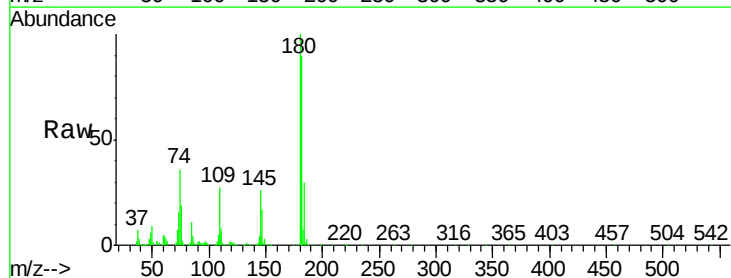
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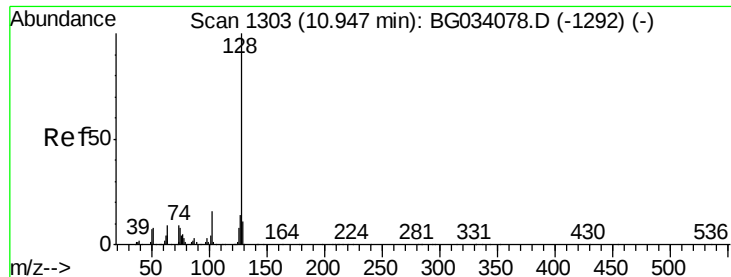
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#30
1,2,4-Trichlorobenzene
Concen: 47.687 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	304148		
182	90.2	77.5	116.3	
145	25.8	23.4	35.2	



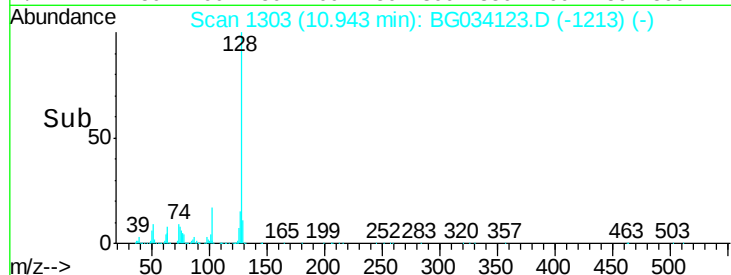
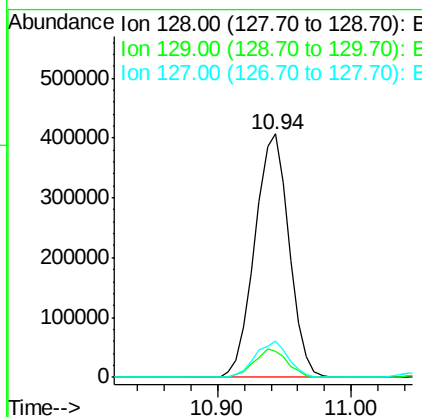
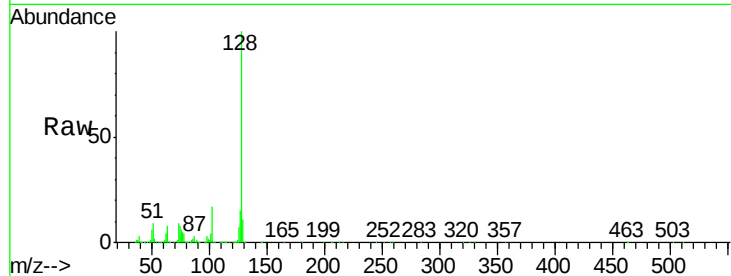


#31
Naphthalene
Concen: 47.347 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

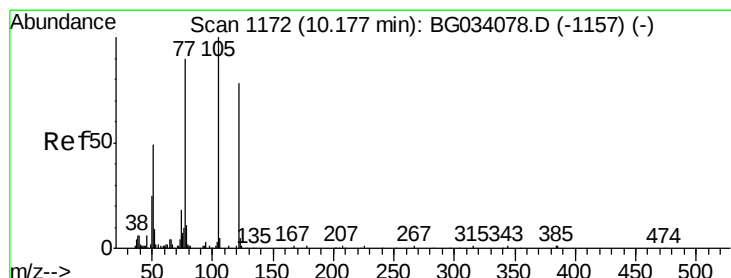
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	14.8	11.6	17.4

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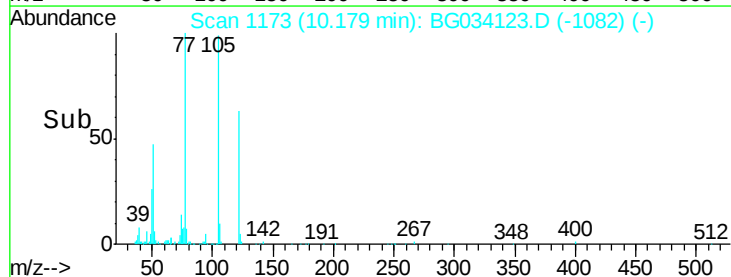
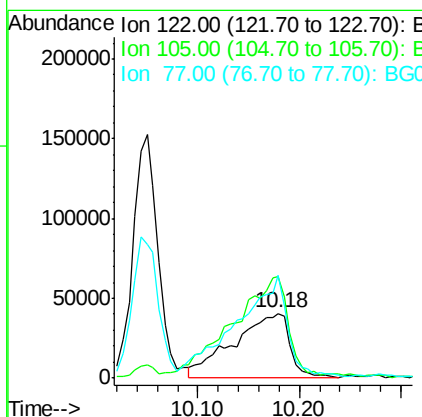
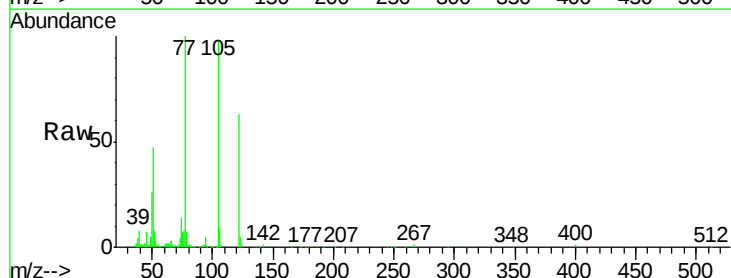
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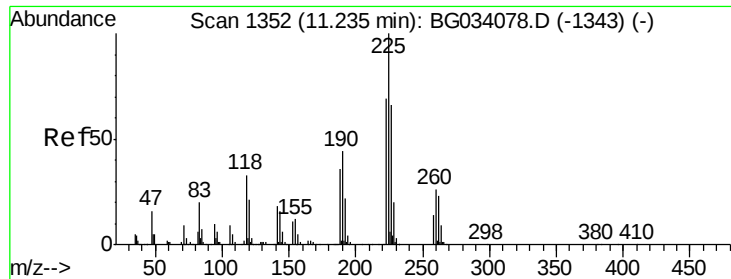
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#32
Benzoic acid
Concen: 40.374 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	155.7	123.5	163.5
77	158.4	85.7	125.7#



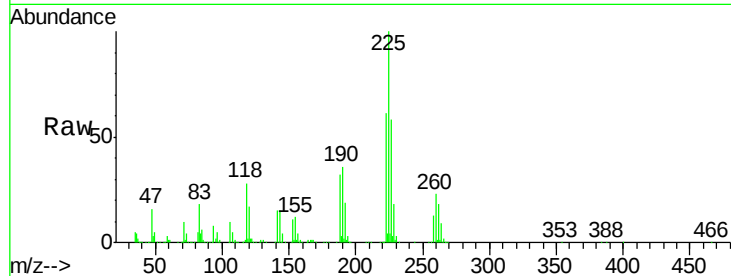


#34
Hexachlorobutadiene
Concen: 47.314 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

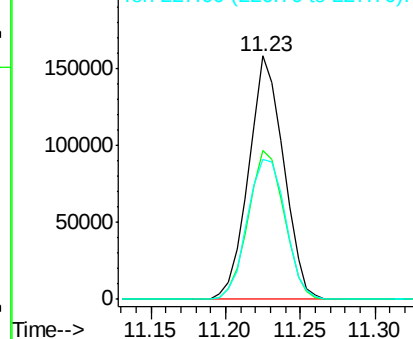
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMS

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	57.7	48.1	72.1

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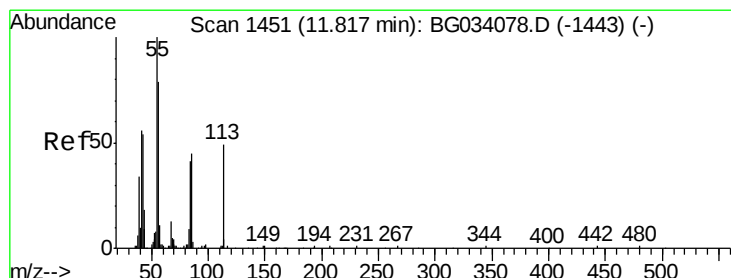
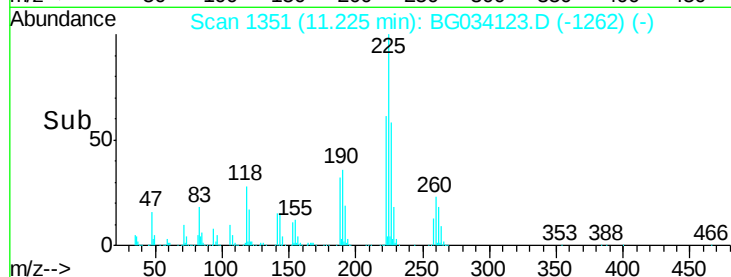


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



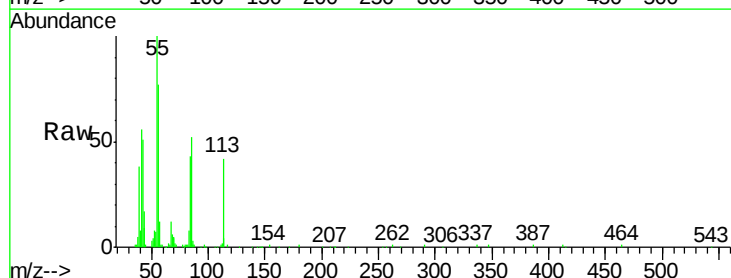
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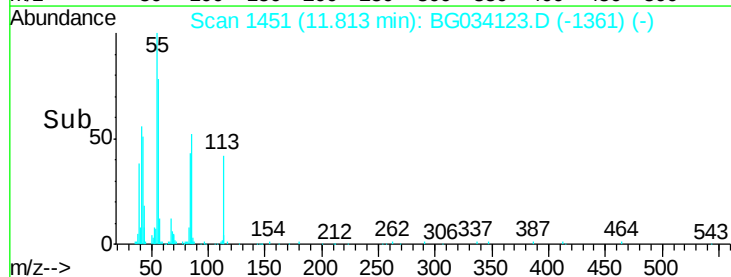
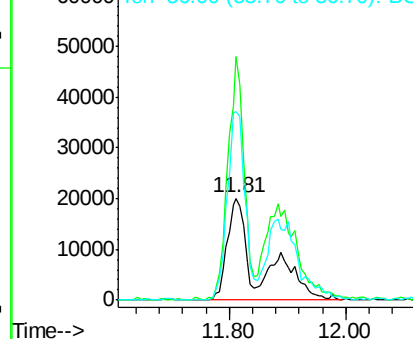


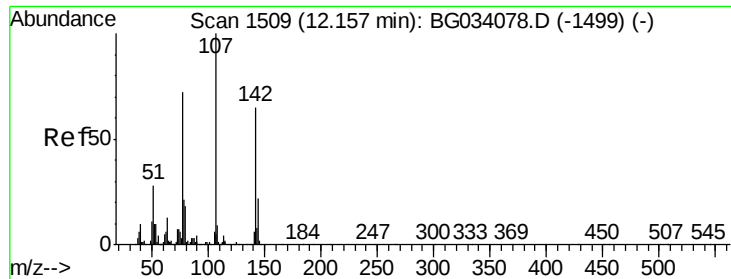
#35
Caprolactam
Concen: 39.326 ng m
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
113	100		
55	238.5	186.9	226.9#
56	184.8	130.9	170.9#



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



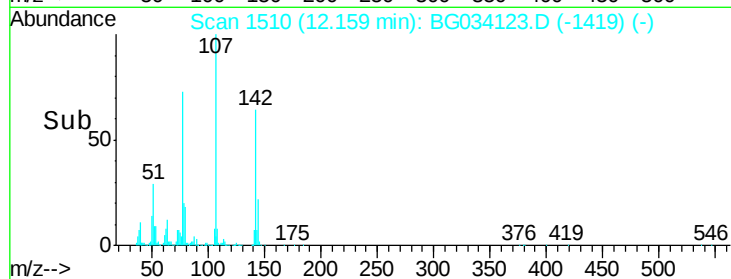
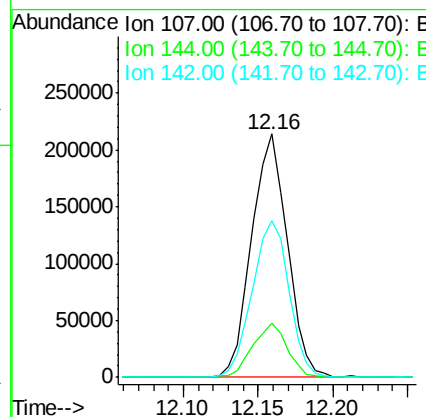
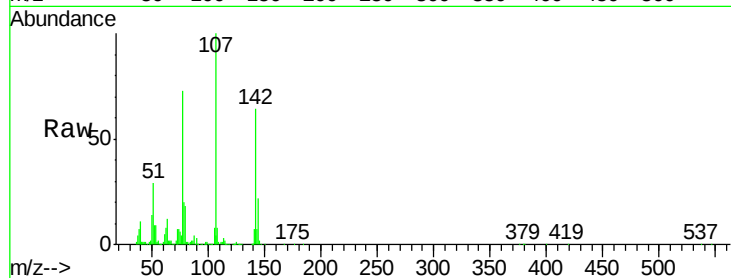


#36
 4-Chloro-3-methylphenol
 Concen: 51.556 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

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

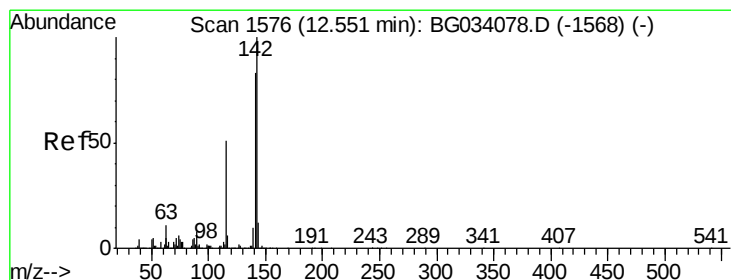
Tot Ion	Ratio	Lower	Upper
107	100		
144	22.1	18.2	27.4
142	64.2	59.0	88.4

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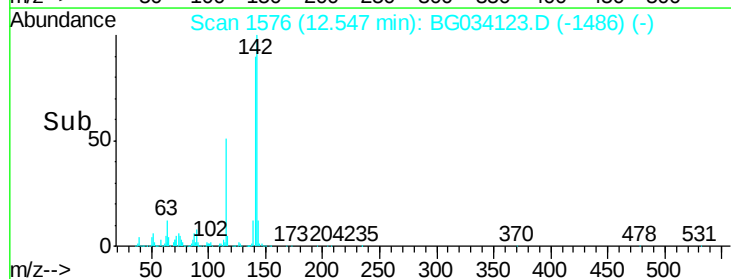
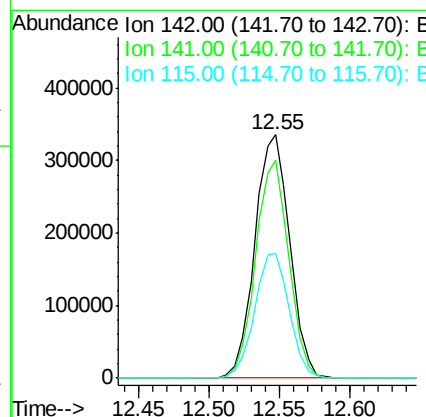
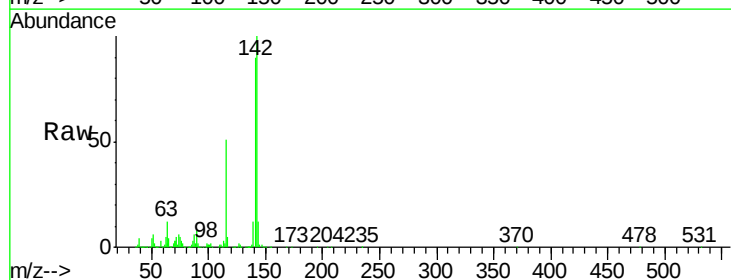
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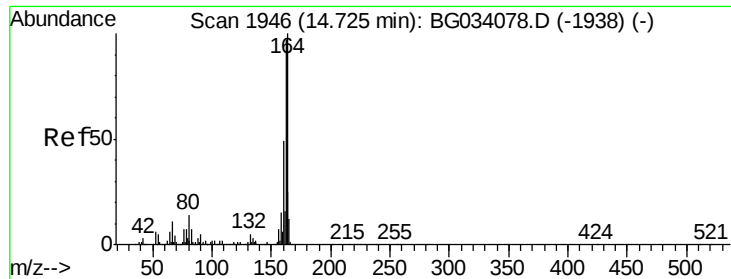
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#37
 2-Methylnaphthalene
 Concen: 47.046 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.1	100.7
115	51.3	30.7	46.1#



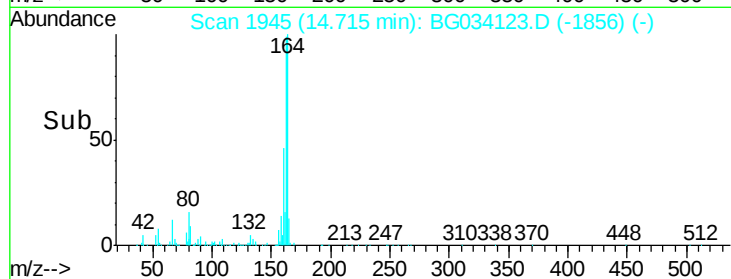
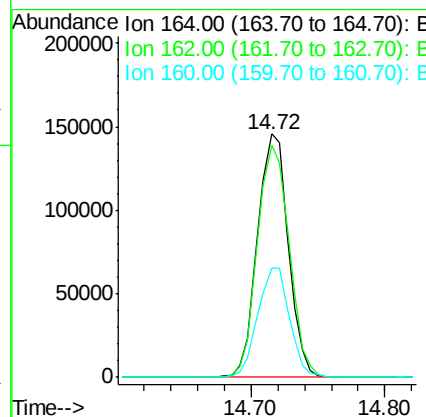
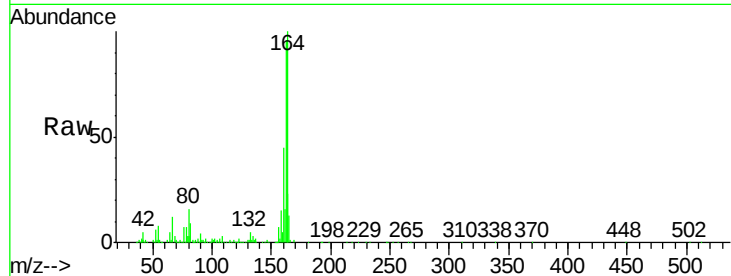


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

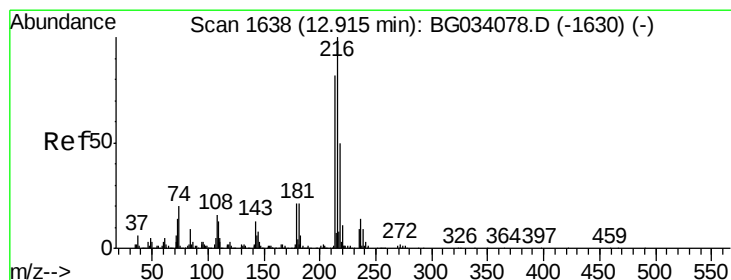
Tot Ion	Ratio	Lower	Upper
164	100		
162	95.6	78.8	118.2
160	44.9	35.4	53.0

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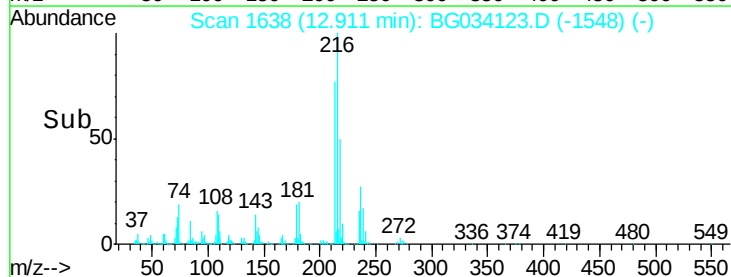
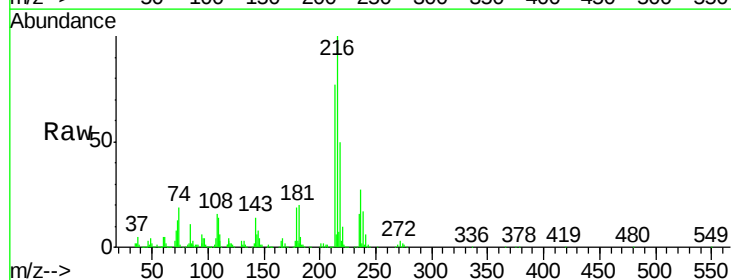
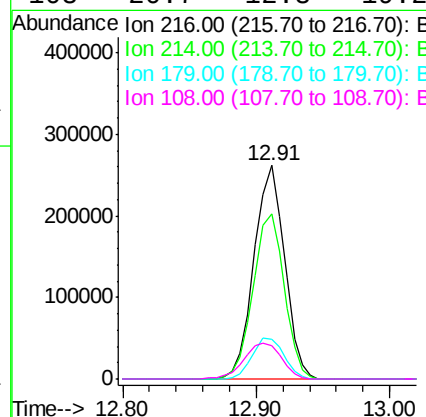
Sohil

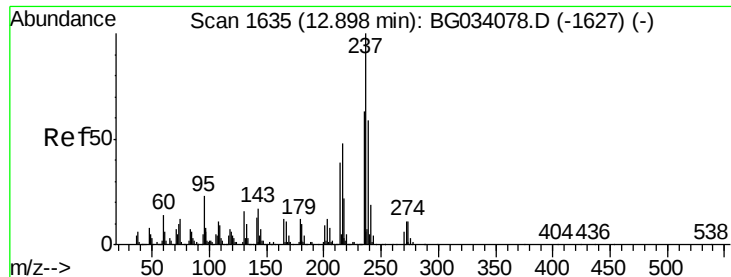
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.130 ng
RT: 12.91 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	20.1	17.0	25.6
108	20.7	12.8	19.2#



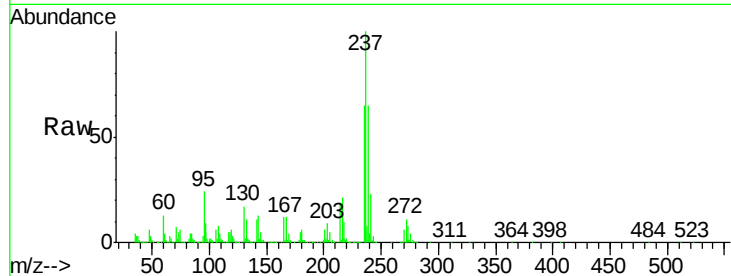


#40
Hexachlorocyclopentadiene
Concen: 107.322 ng
RT: 12.89 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

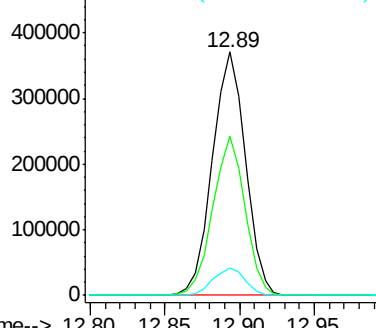
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMS

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.2	50.4	90.4
272	11.2	0.0	31.8

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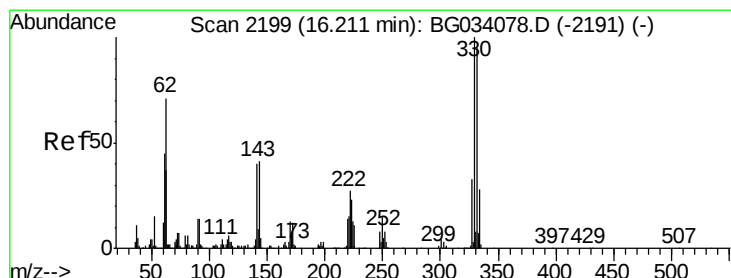
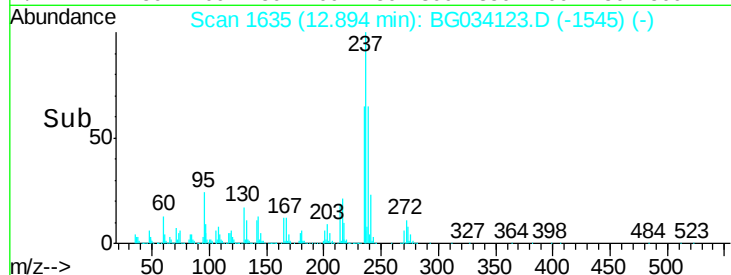


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



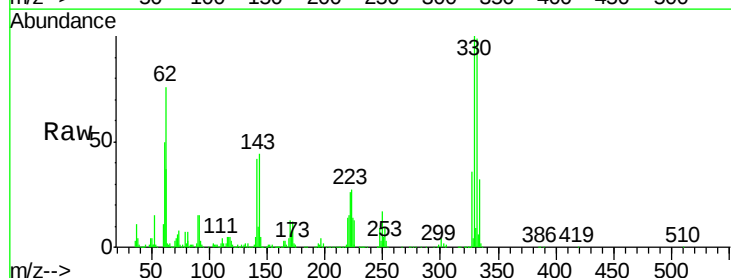
Sohil

5/3/2018 4:59:33 PM

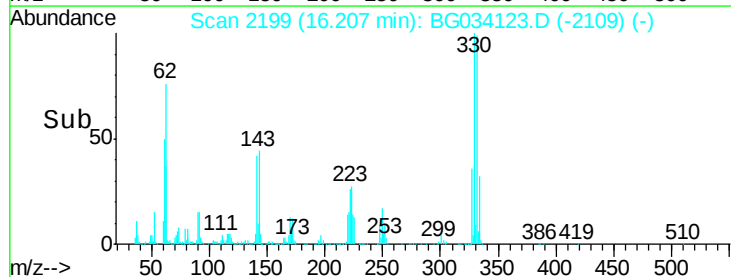
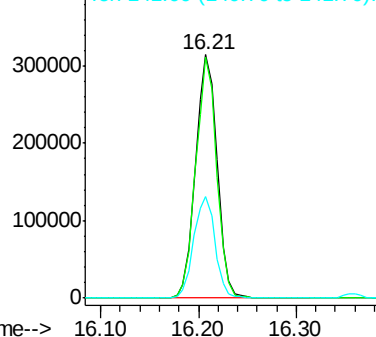


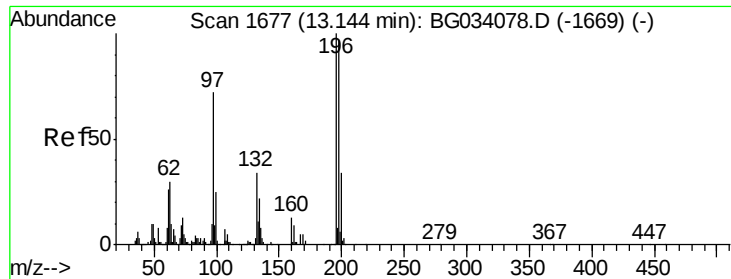
#41
2,4,6-Tribromophenol
Concen: 150.270 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	41.5	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



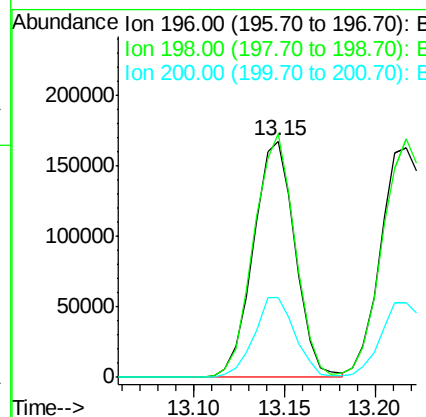
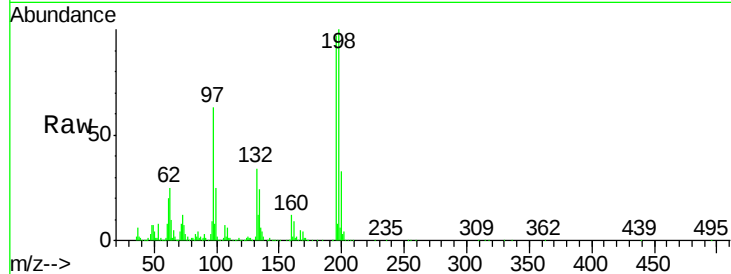


#42
 2,4,6-Trichlorophenol
 Concen: 51.978 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

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

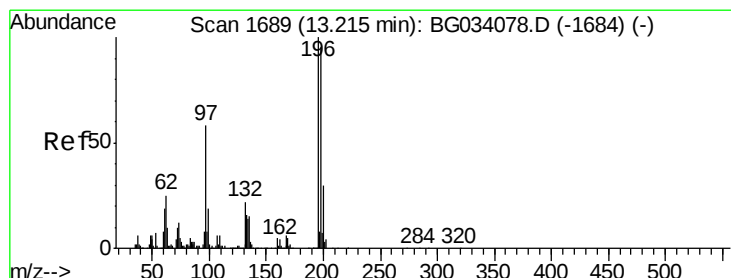
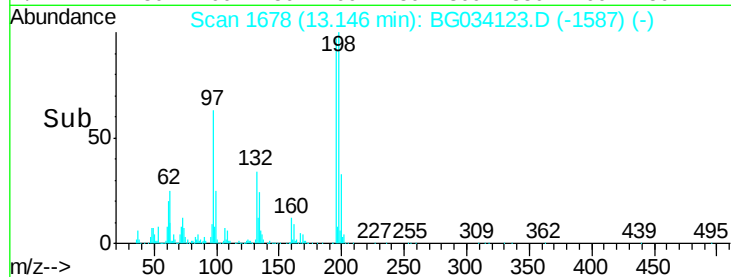
Tot Ion	Ratio	Lower	Upper
196	100		
198	103.2	78.2	117.2
200	33.6	24.6	36.8

Manual Integrations
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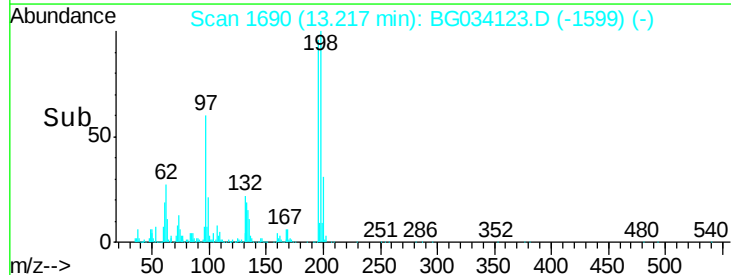
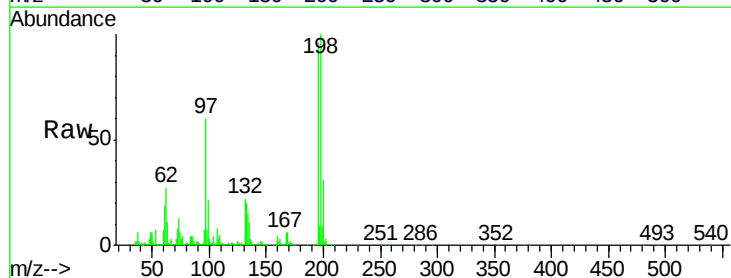
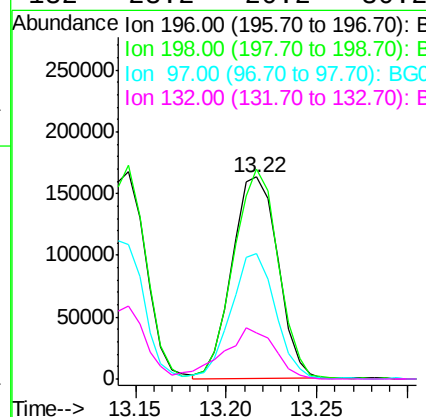
Sohil

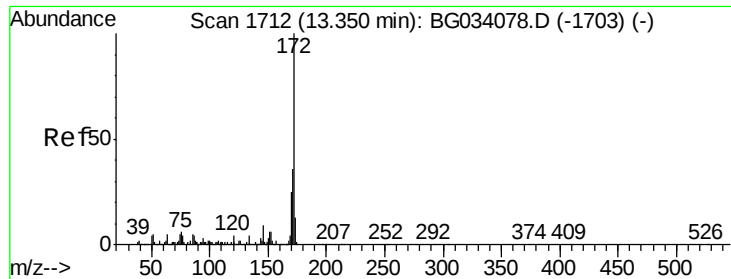
5/3/2018 4:59:33 PM



#43
 2,4,5-Trichlorophenol
 Concen: 50.099 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.8	76.2	114.4
97	62.1	38.7	58.1#
132	23.2	20.2	30.2



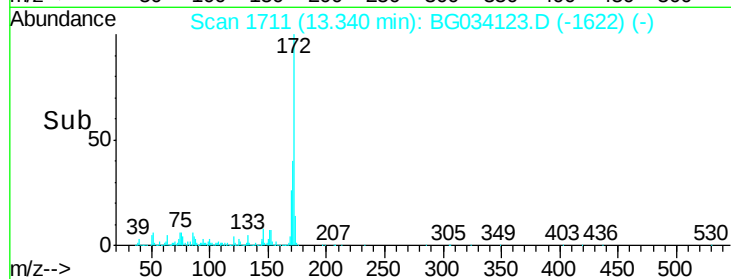
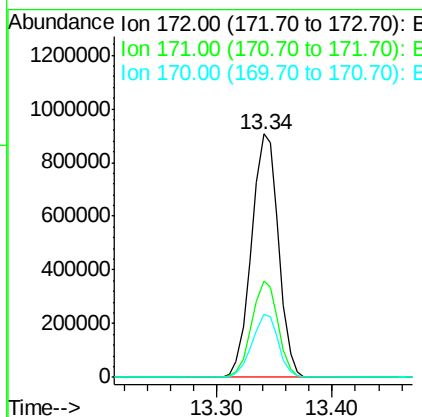
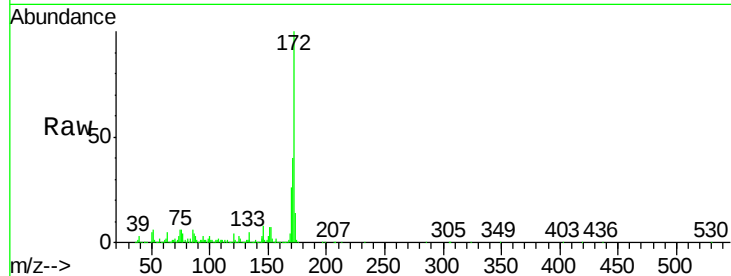


#44
2-Fluorobiphenyl
Concen: 92.970 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

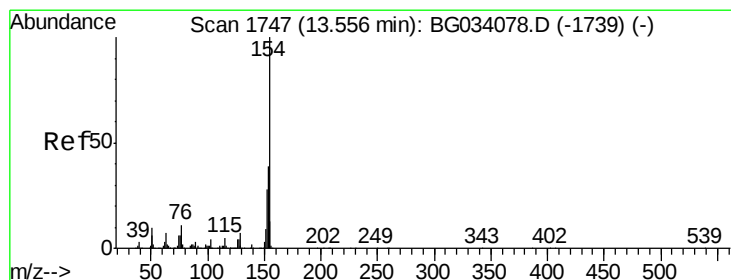
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.7	19.5	29.3

Manual Integrations
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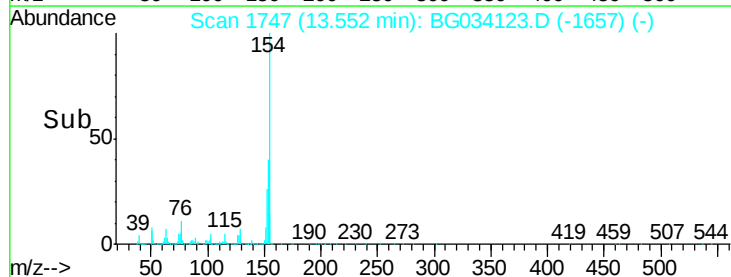
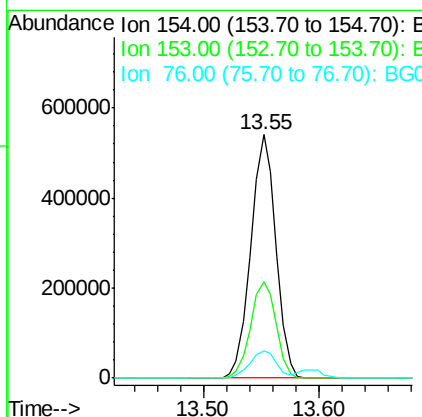
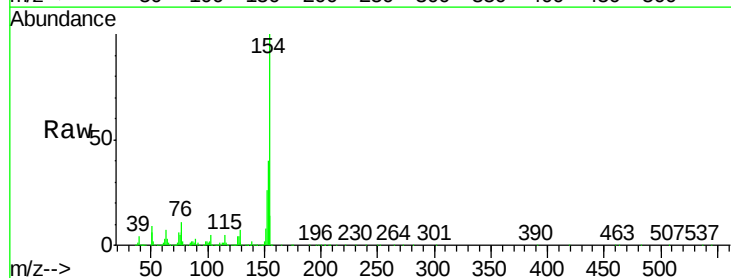
Sohil

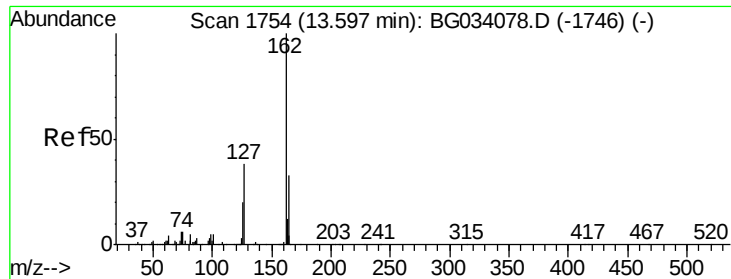
5/3/2018 4:59:33 PM



#45
1,1'-Biphenyl
Concen: 45.081 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.8	59.8
76	11.1	0.0	31.9



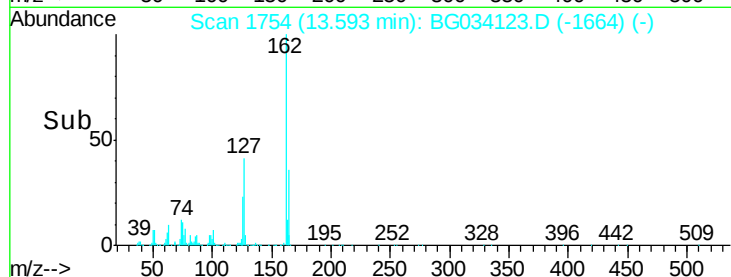
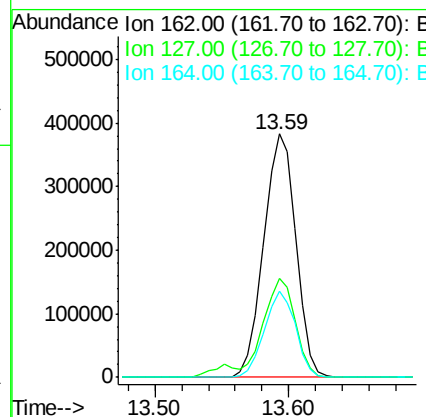
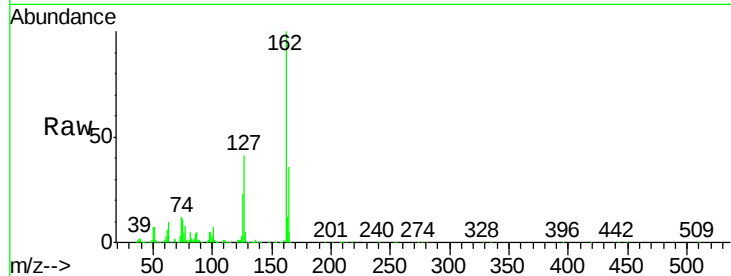


#46
2-Chloronaphthalene
Concen: 46.524 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

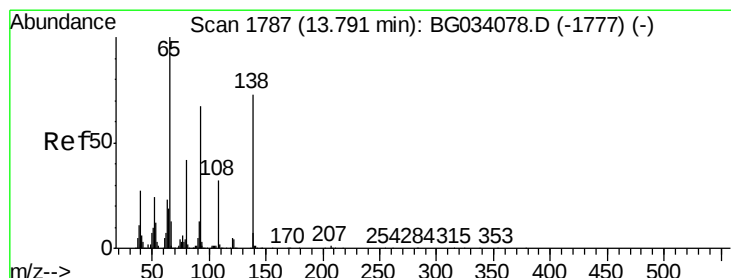
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	35.6	26.0	39.0

Manual Integrations
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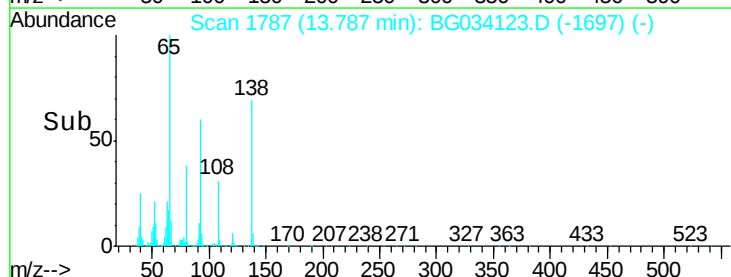
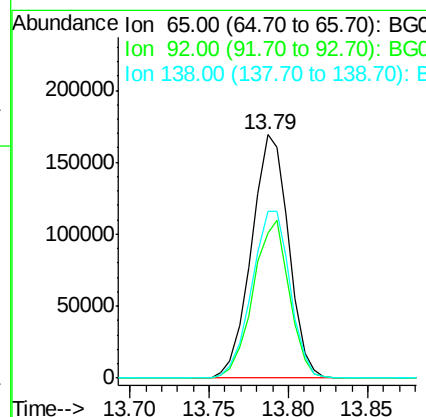
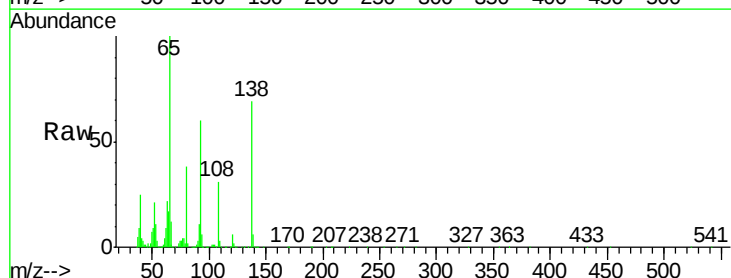
Sohil

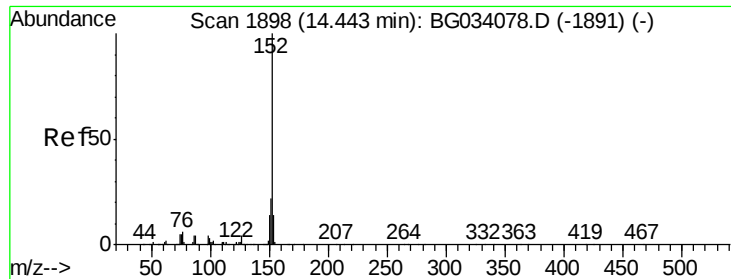
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#47
2-Nitroaniline
Concen: 50.403 ng
RT: 13.79 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.5	54.6	82.0
138	68.6	72.9	109.3





#48

Acenaphthylene

Concen: 44.617 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

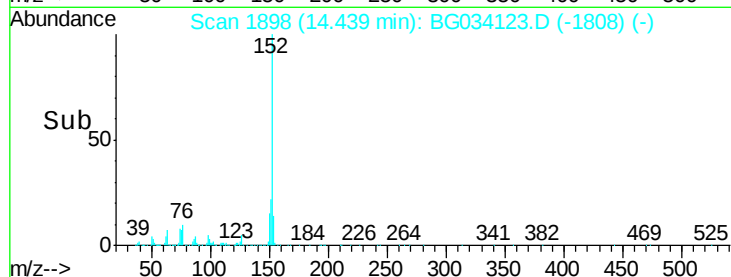
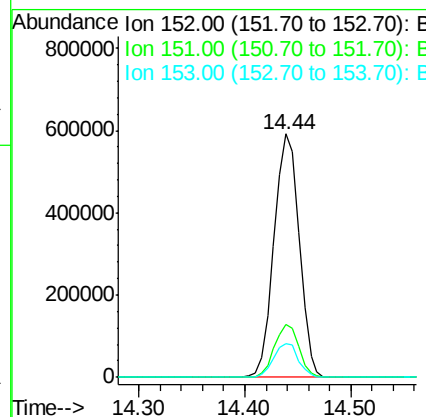
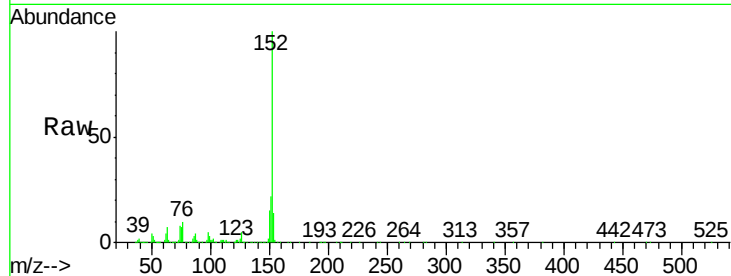
BNA_G

ClientSampleId :

CL-02-043018-AMS

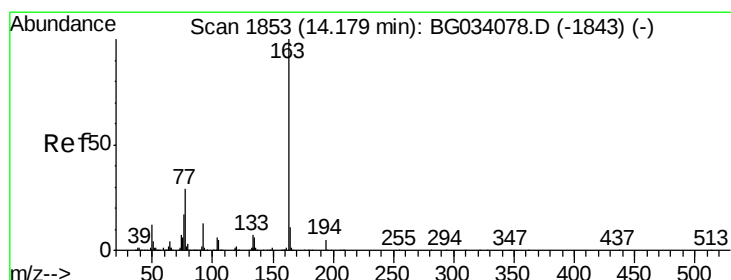
Tot Ion:	152	Resp:	973646
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.2	25.8
153	13.9	10.2	15.4

Manual Integrations
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Sohil

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#49

Dimethylphthalate

Concen: 45.581 ng

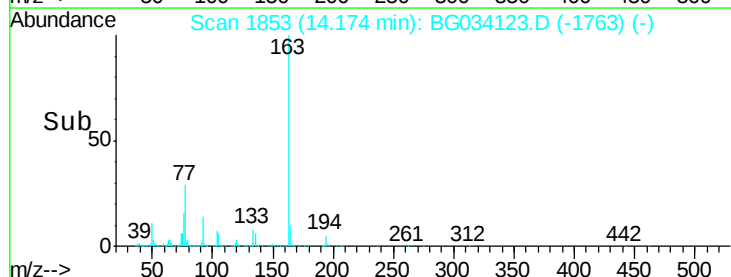
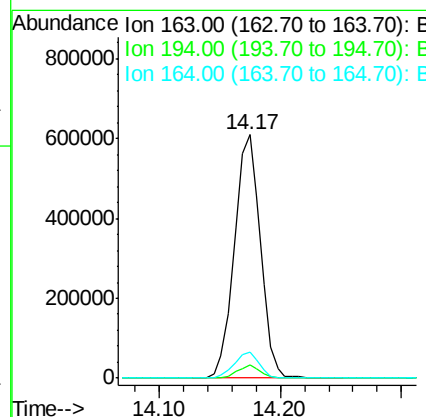
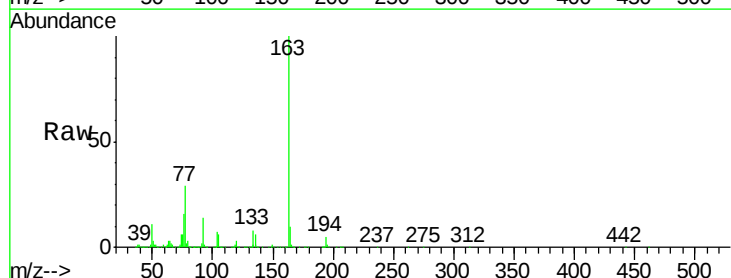
RT: 14.17 min Scan# 1853

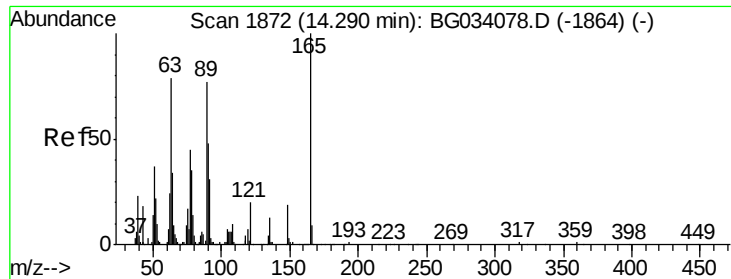
Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Tgt Ion:	163	Resp:	913436
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.4	5.2#
164	10.4	8.2	12.4



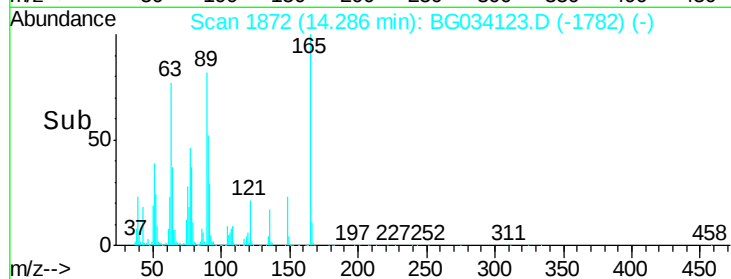
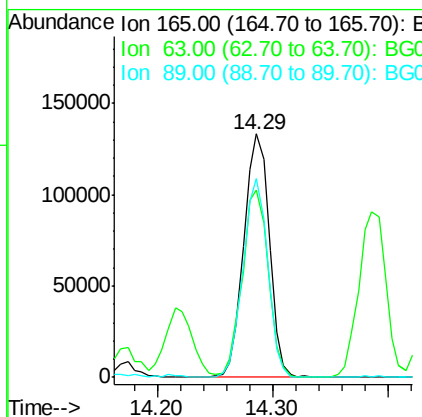
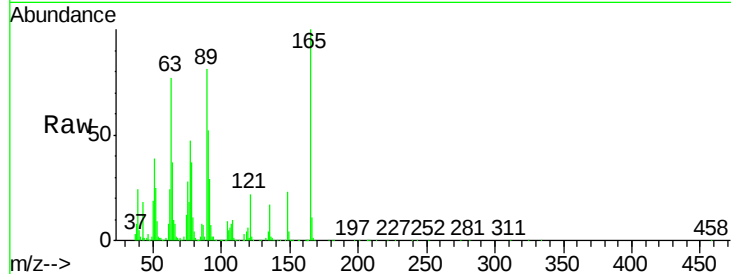


#50
2,6-Dinitrotoluene
Concen: 53.170 ng
RT: 14.29 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

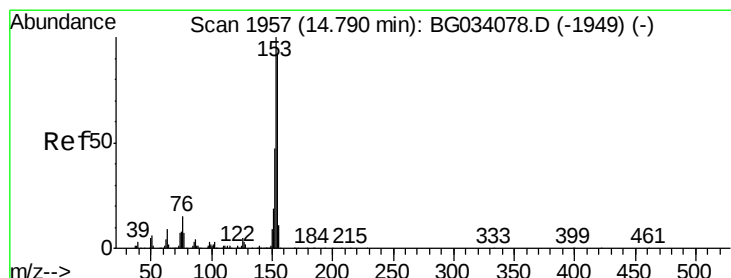
Tot Ion	Ratio	Lower	Upper
165	100		
63	77.2	52.7	79.1
89	81.5	49.2	73.8

Manual Integrations
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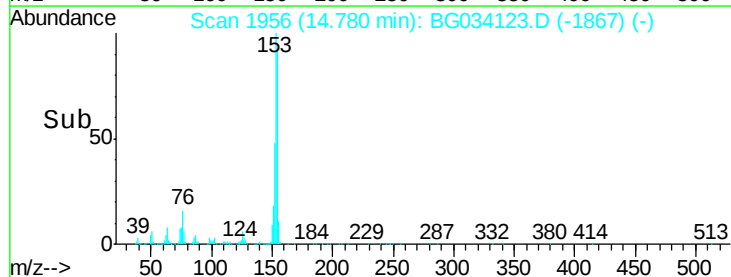
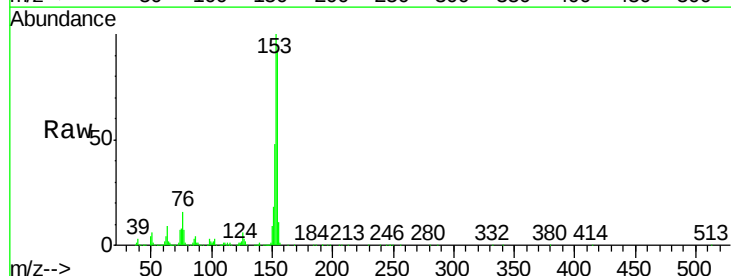
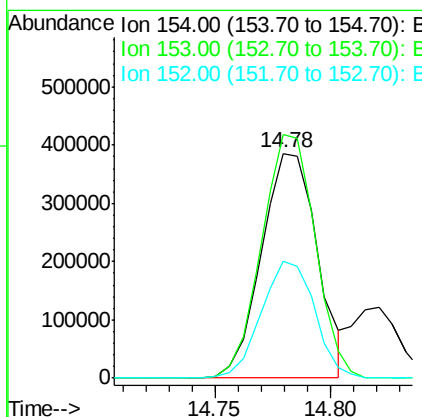
Sohil

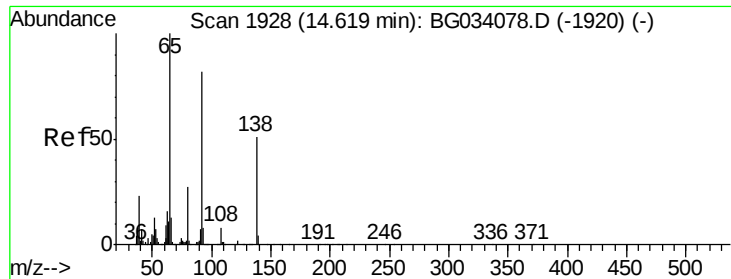
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#51
Acenaphthene
Concen: 43.636 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.3	90.4	135.6
152	51.9	41.6	62.4





#52

3-Nitroaniline

Concen: 6.510 ng

RT: 14.62 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

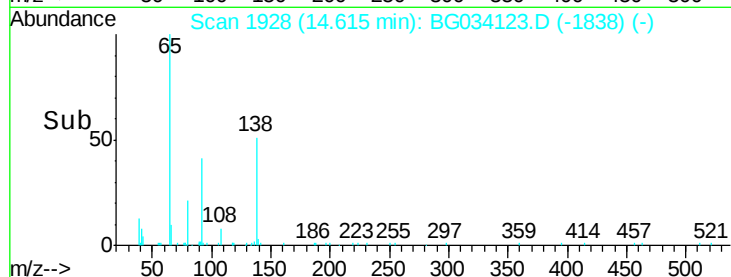
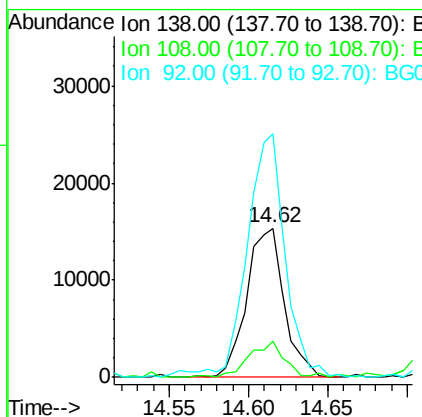
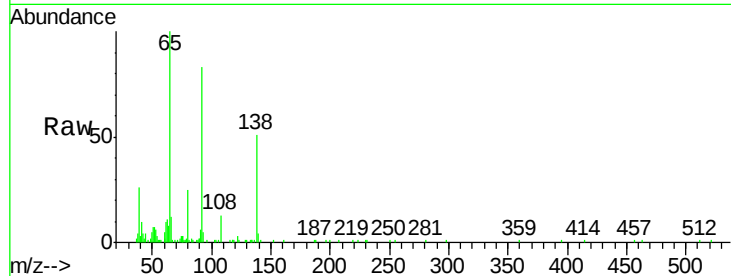
BNA_G

ClientSampleId :

CL-02-043018-AMS

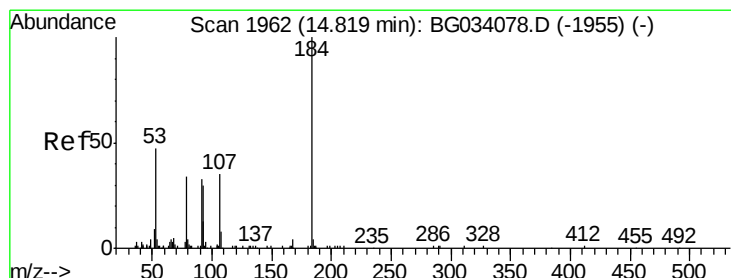
Tot Ion	Ratio	Lower	Upper
138	100		
108	24.7	17.5	26.3
92	163.1	105.8	158.8#

Manual Integrations
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Sohil

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#53

2,4-Dinitrophenol

Concen: 157.866 ng

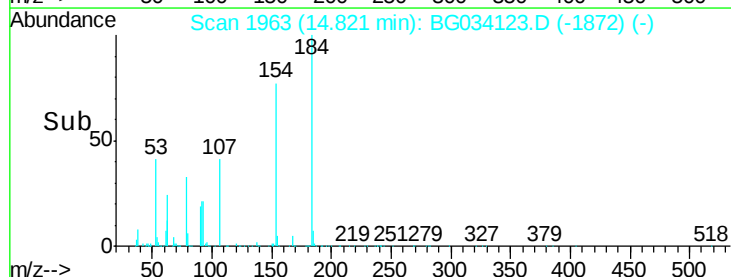
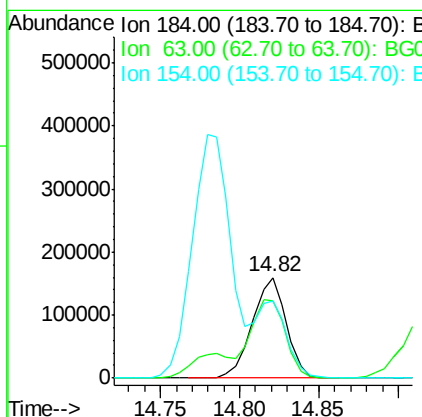
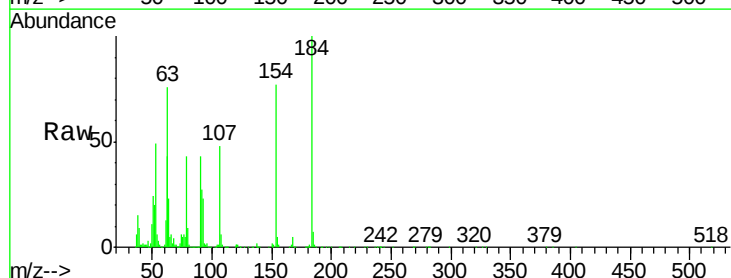
RT: 14.82 min Scan# 1963

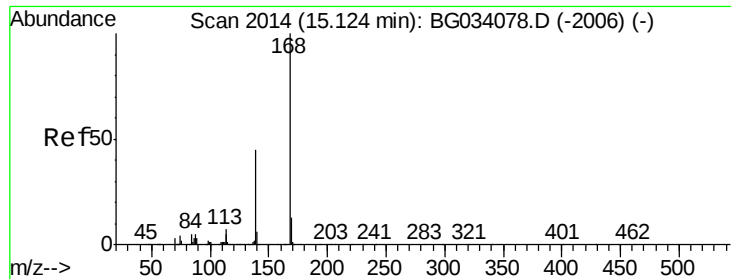
Delta R.T. 0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.4	59.8	89.8
154	76.6	101.8	152.8#



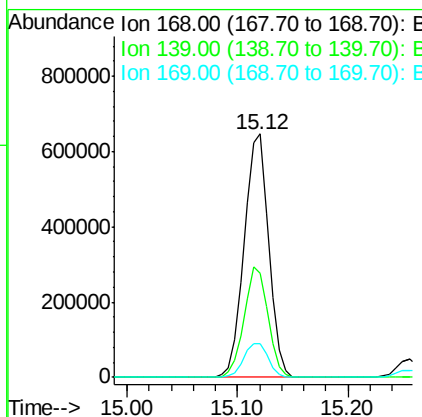
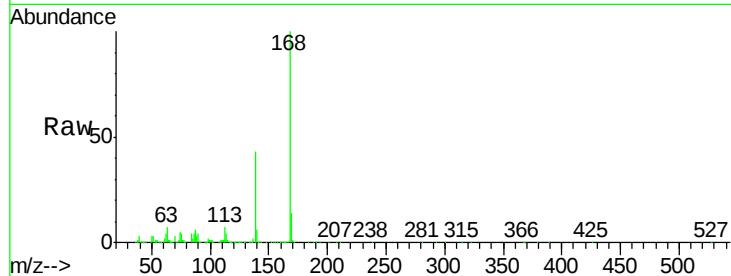


#54
Dibenzenofuran
Concen: 46.945 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

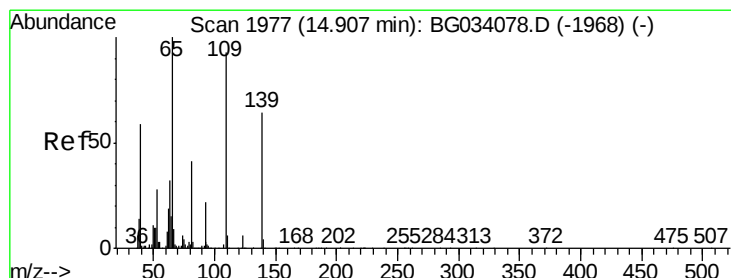
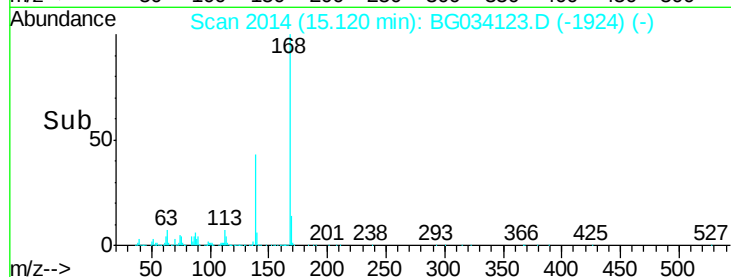
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.7	28.6	43.0
169	13.7	11.2	16.8

Manual Integrations
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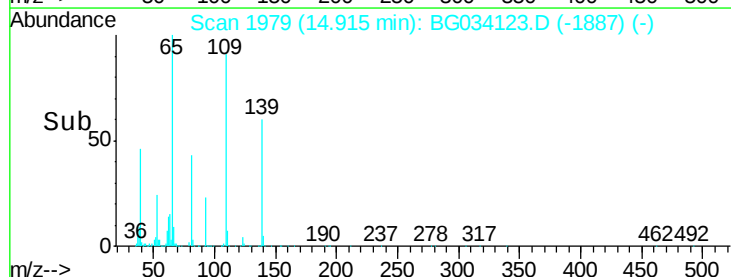
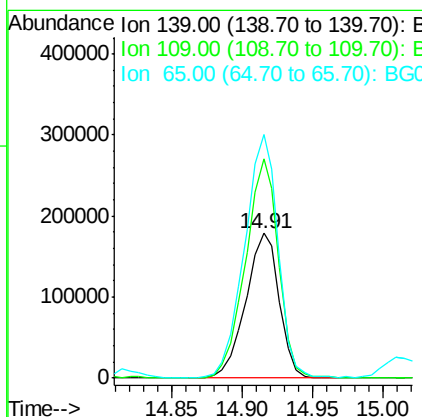
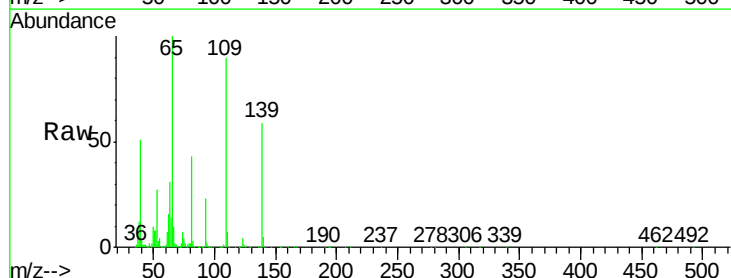
Sohil

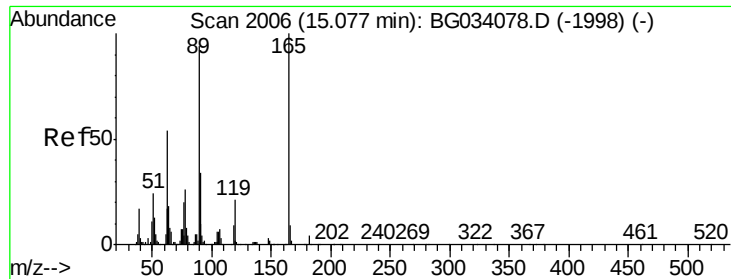
5/3/2018 4:59:33 PM



#55
4-Nitrophenol
Concen: 100.225 ng
RT: 14.91 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	151.9	62.2	102.2#
65	168.6	97.2	137.2#



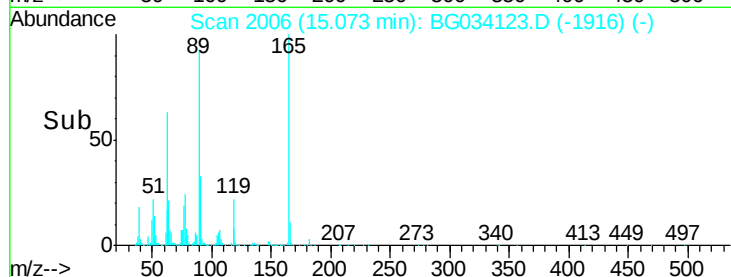
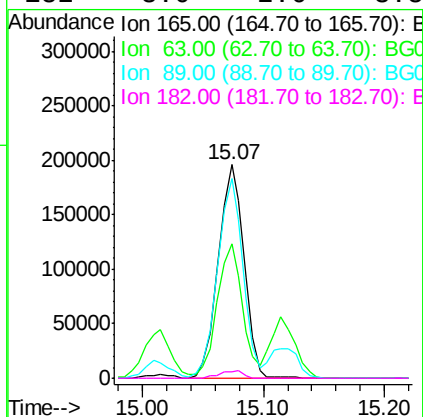
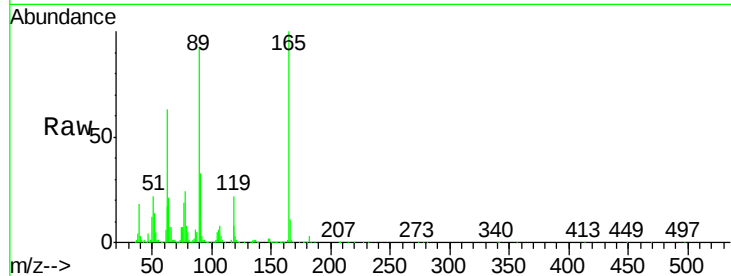


#56
2,4-Dinitrotoluene
Concen: 55.181 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

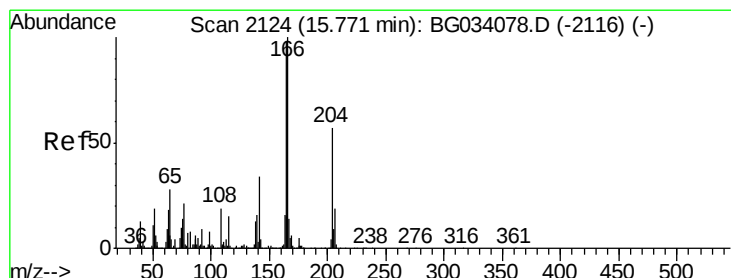
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		288381		
63	62.8	42.0	63.0		
89	93.4	66.9	100.3		
182	3.0	2.6	3.8		

Manual Integrations
APPROVED



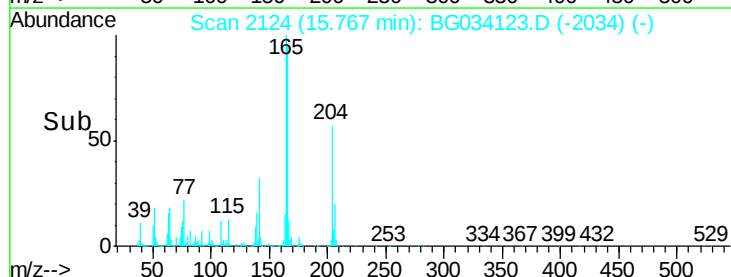
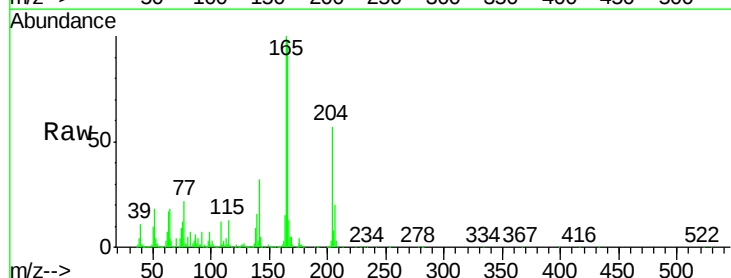
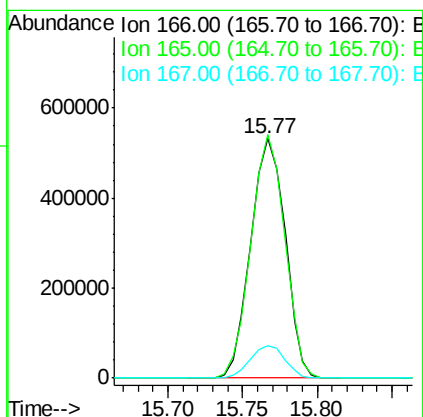
Sohil

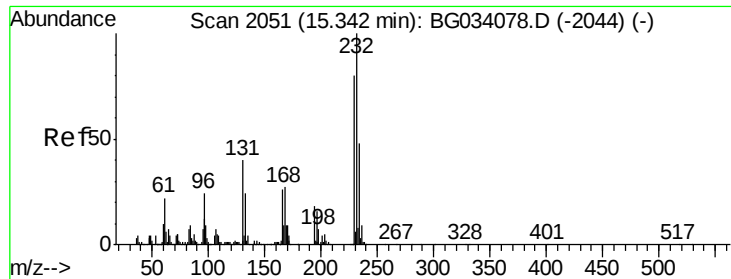
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#57
Fluorene
Concen: 45.314 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		849210		
165	101.7	80.6	121.0		
167	13.6	10.4	15.6		



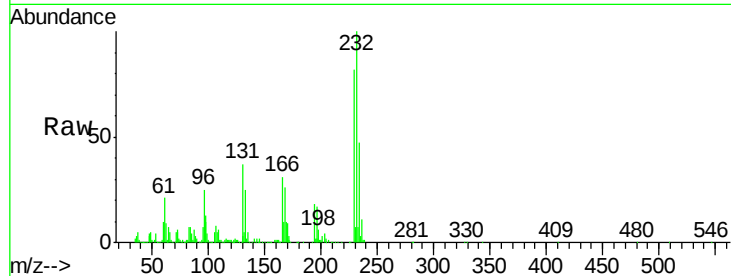


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.390 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

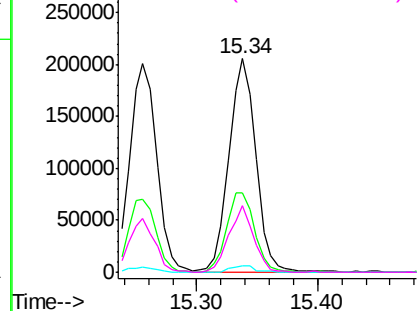
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-043018-AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.1	33.5	50.3
130	2.7	2.2	3.2
166	28.1	24.8	37.2

Manual Integrations
 APPROVED

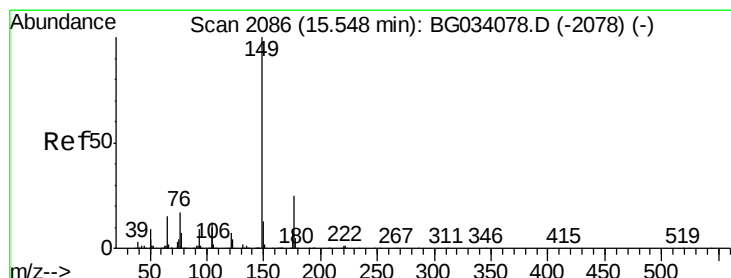
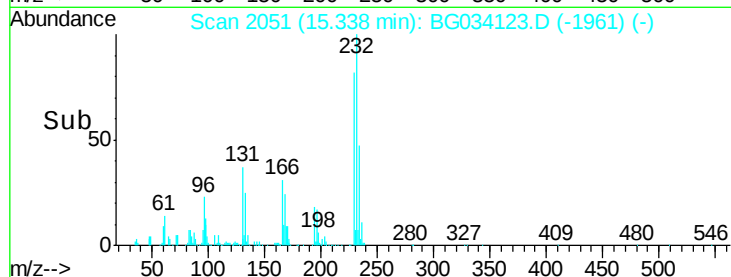


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



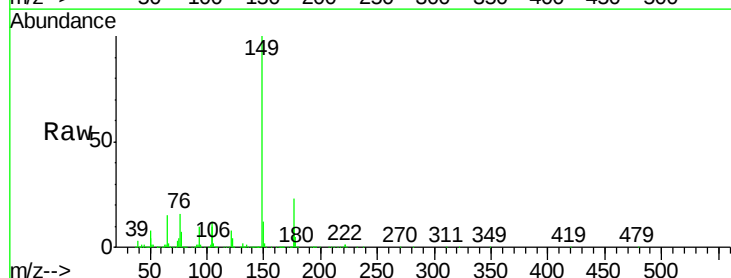
Sohil

5/3/2018 4:59:33 PM

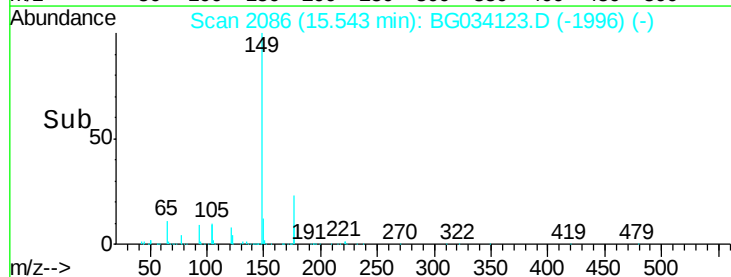
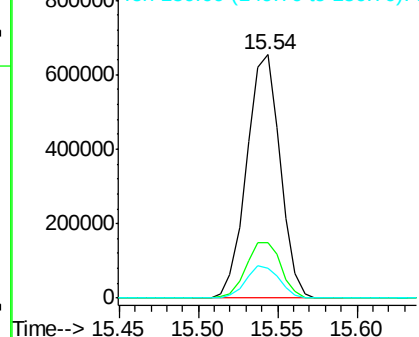


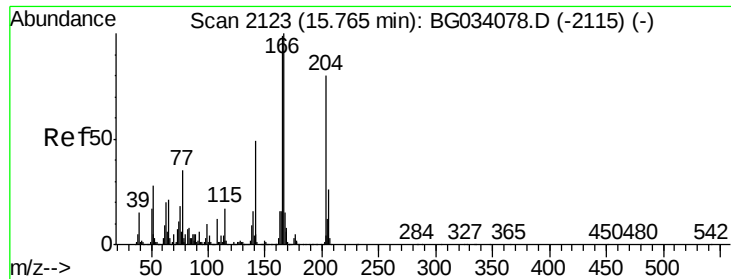
#59
 Diethylphthalate
 Concen: 45.113 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.5	27.7
150	12.4	10.2	15.2



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



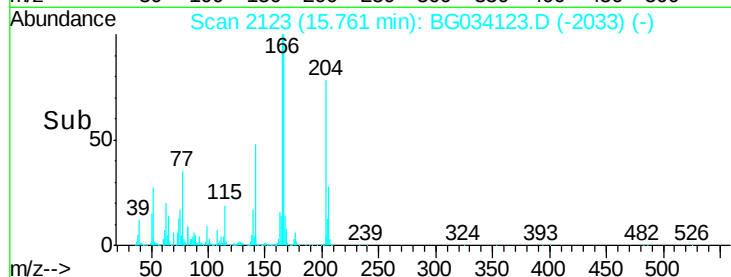
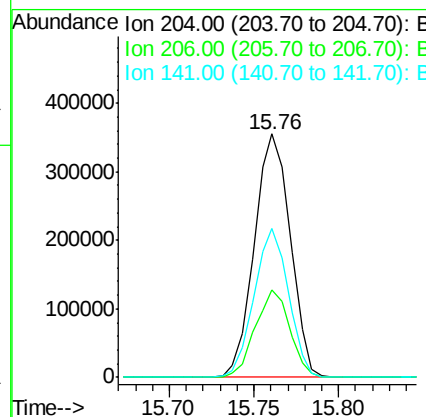
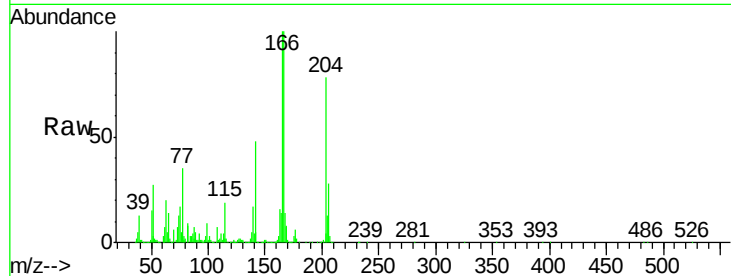


#60
4-Chlorophenyl-phenylether
Concen: 47.274 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

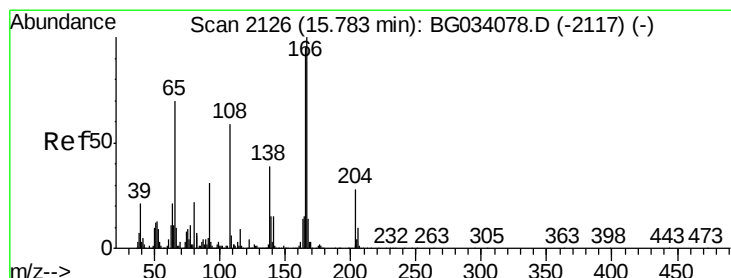
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.9	26.2	39.2
141	61.4	45.8	68.6

Manual Integrations
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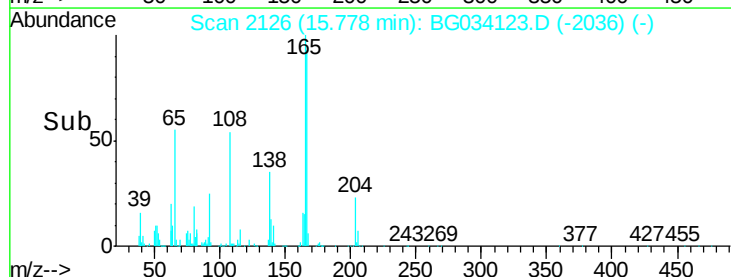
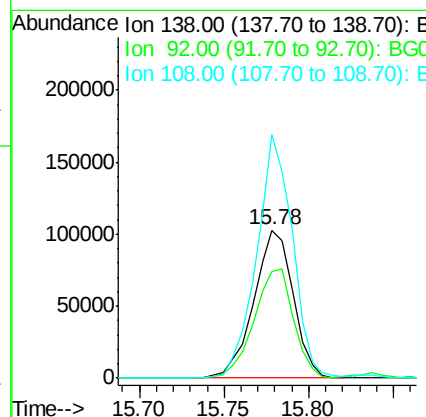
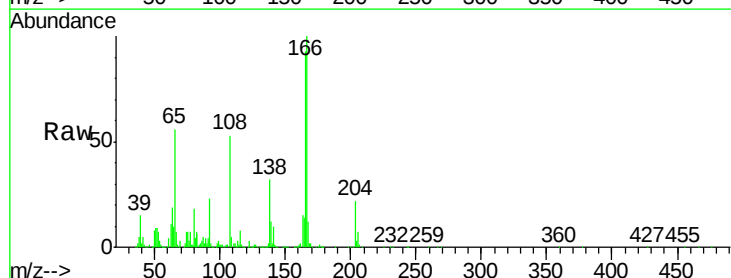
Sohil

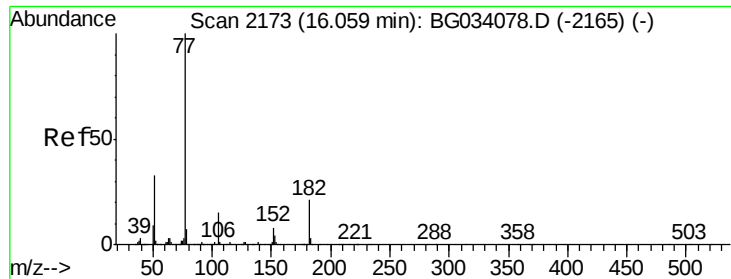
5/3/2018 4:59:33 PM



#61
4-Nitroaniline
Concen: 40.331 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	71.6	40.1	80.1
108	164.3	65.4	105.4#



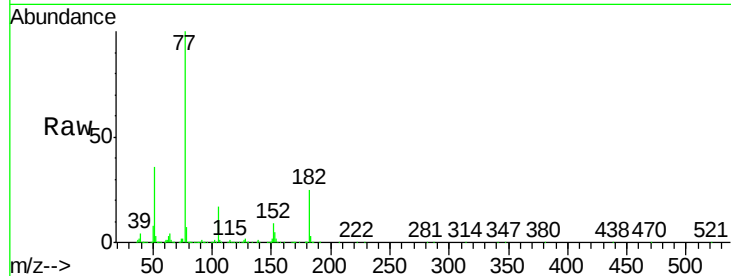


#62
Azobenzene
Concen: 46.358 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

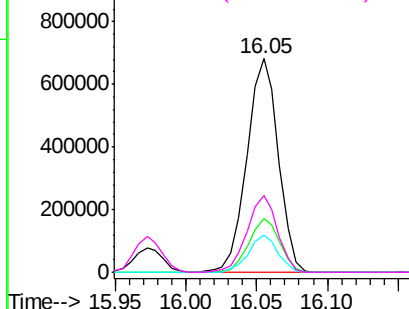
Instrument :
BNA_G
ClientSampleId :
CL-02-043018-AMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.0	7.4	47.4	
105	17.1	0.3	40.3	
51	36.1	11.6	51.6	

Manual Integrations
APPROVED

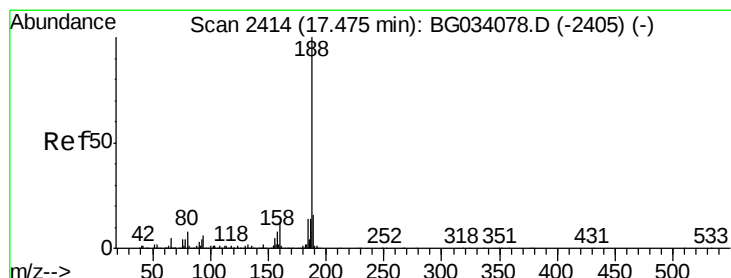
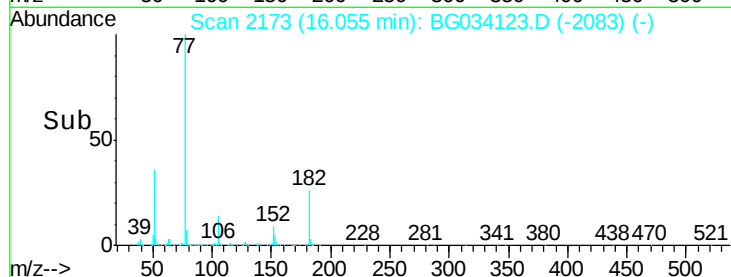


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Sohil

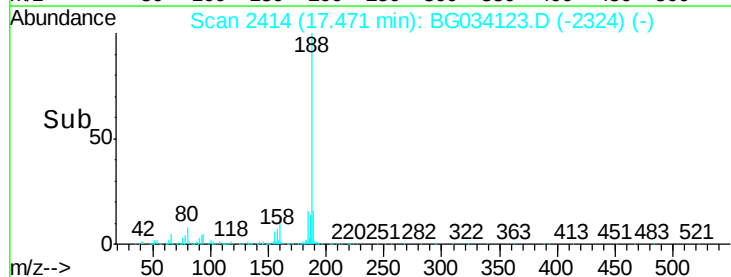
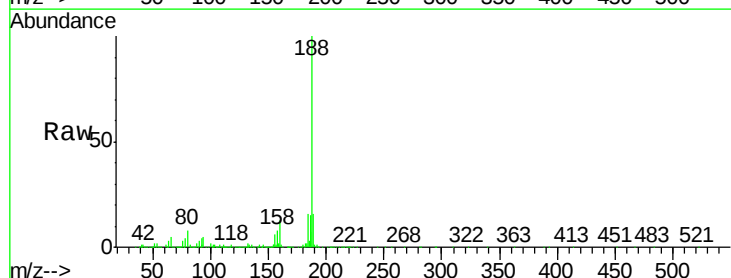
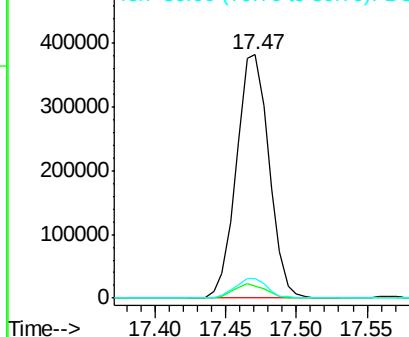
5/3/2018 4:59:33 PM

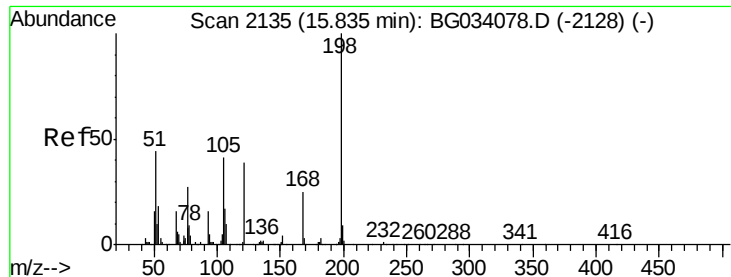


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.1	6.9	10.3#	
80	8.2	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: 56.615 ng

RT: 15.84 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMS

Tot Ion:198 Resp: 164478

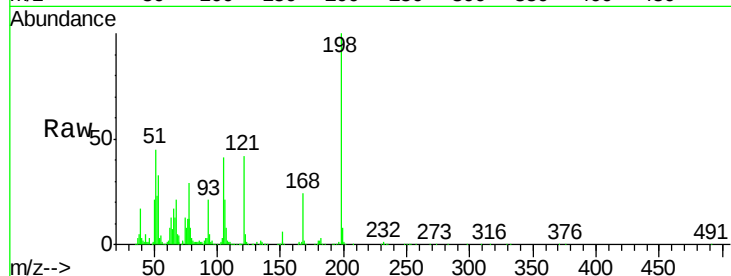
Ion Ratio Lower Upper

198 100

51 45.1 30.6 70.6

105 41.3 23.8 63.8

Manual Integrations
APPROVED



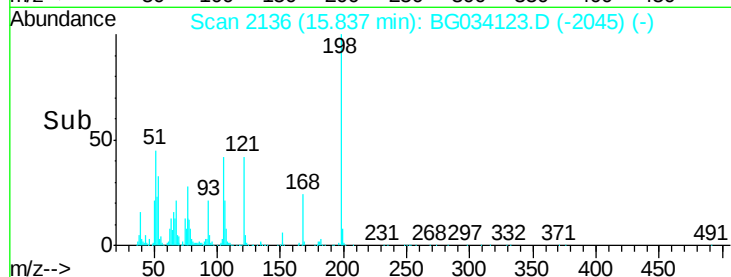
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

15.84

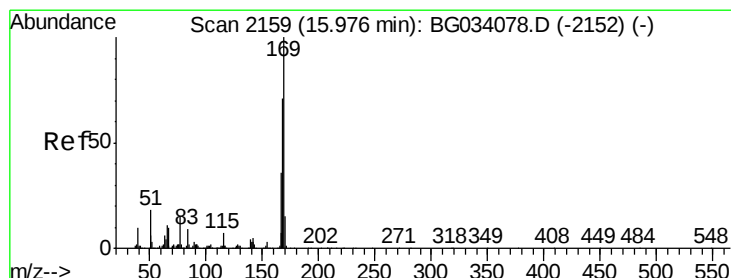
Time-->



Time-->

Sohil

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#65

n-Nitrosodiphenylamine

Concen: 45.927 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

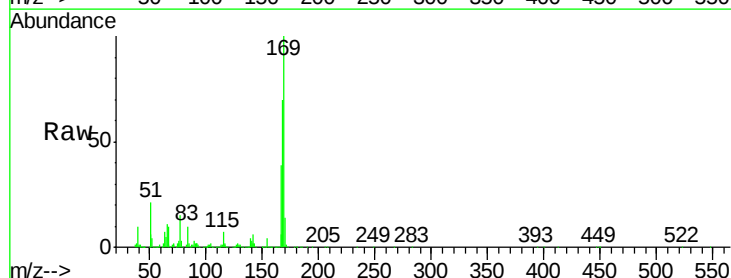
Tgt Ion:169 Resp: 773779

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

167 38.7 30.1 45.1



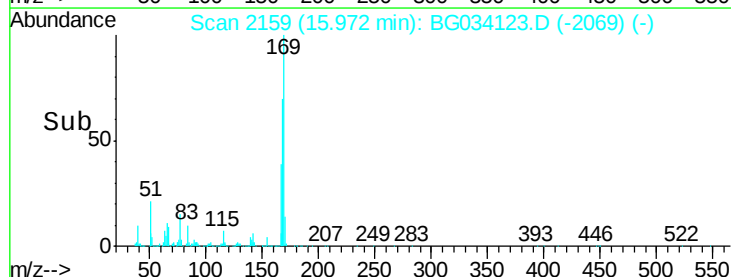
Abundance Ion 169.00 (168.70 to 169.70): E

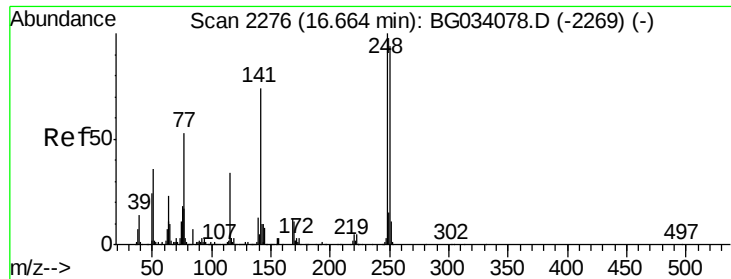
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.97

Time-->



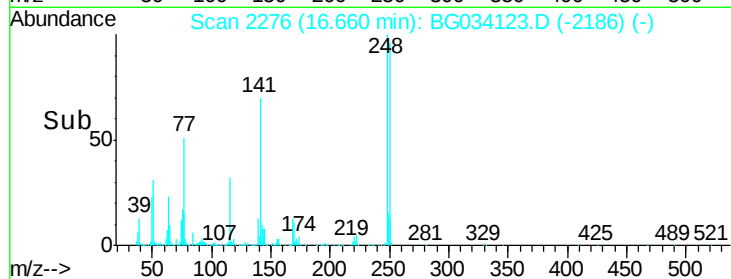
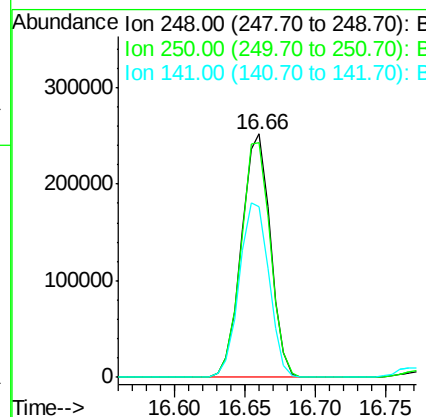
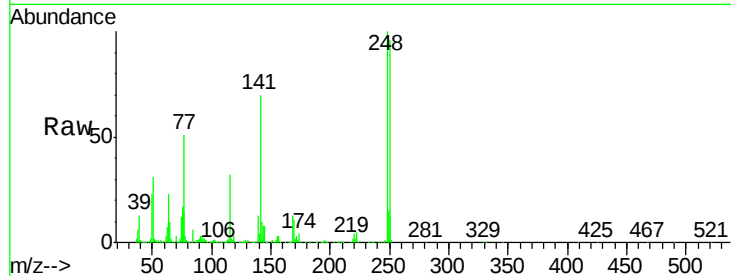


#66
4-Bromophenyl-phenylether
Concen: 46.735 ng
RT: 16.66 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

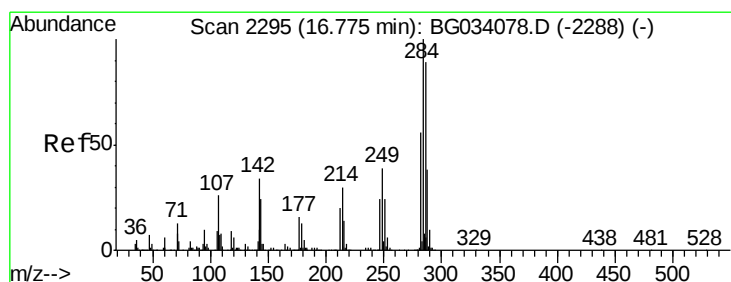
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.1	115.7
141	70.2	50.8	76.2

Manual Integrations
APPROVED



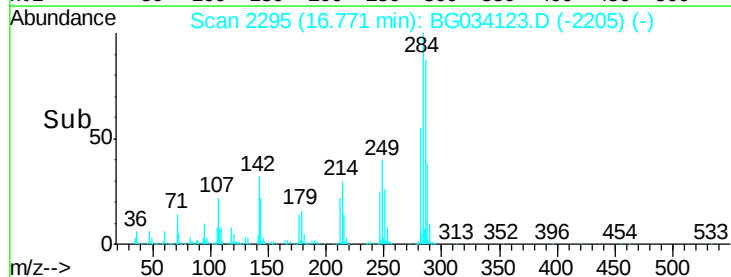
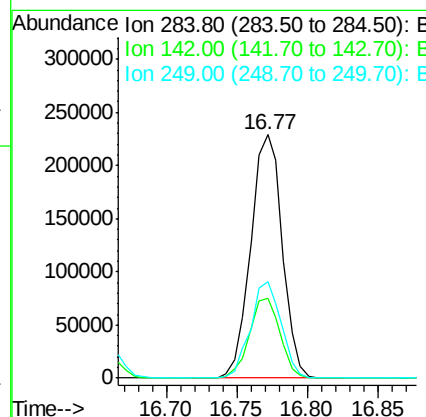
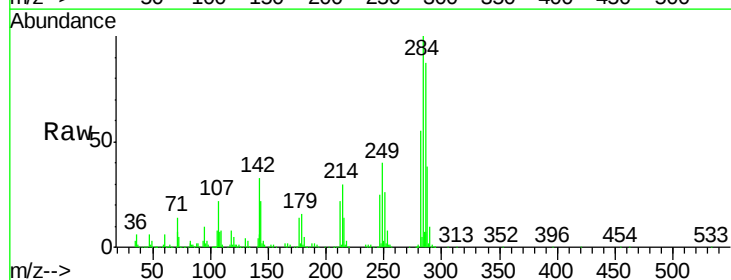
Sohil

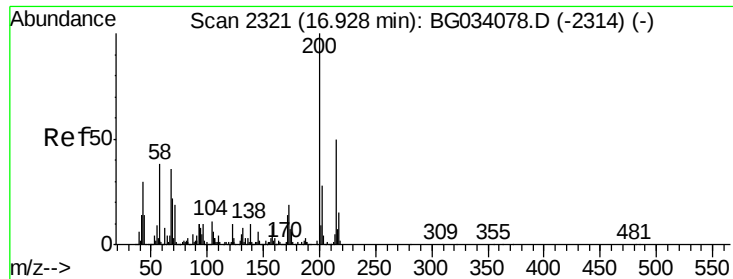
5/3/2018 4:59:33 PM



#67
Hexachlorobenzene
Concen: 46.055 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	26.8	40.2
249	39.8	26.3	39.5#



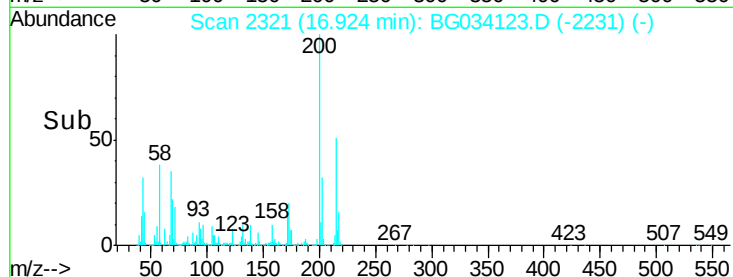
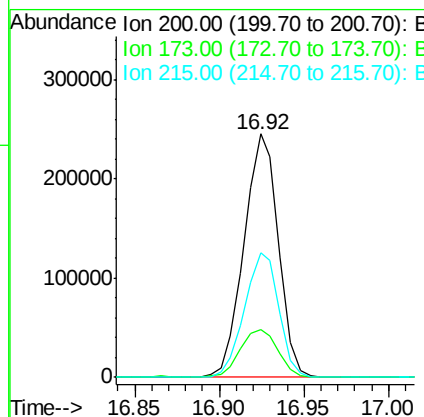
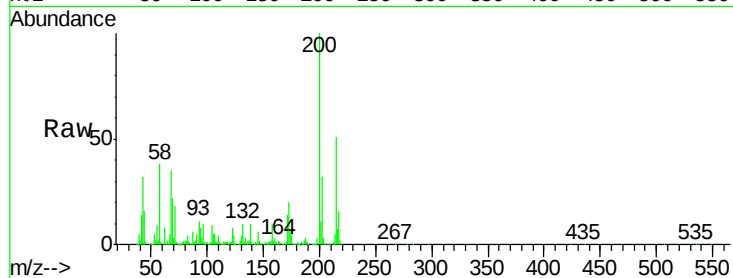


#68
Atrazine
Concen: Below Cal
RT: 16.92 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

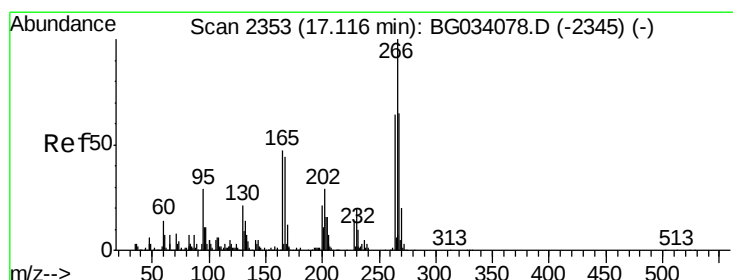
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	19.5	5.2	45.2
215	51.4	30.4	70.4

Manual Integrations
APPROVED



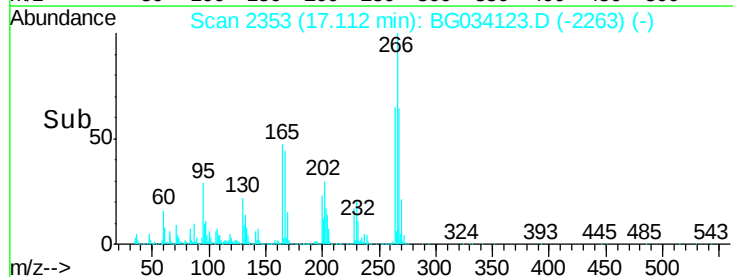
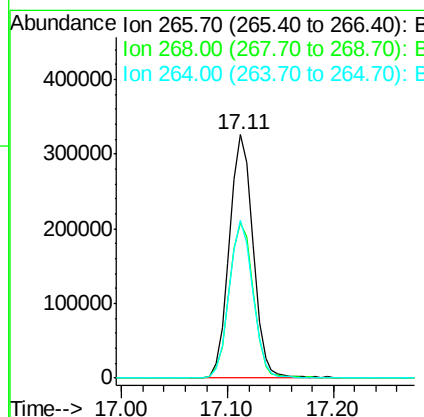
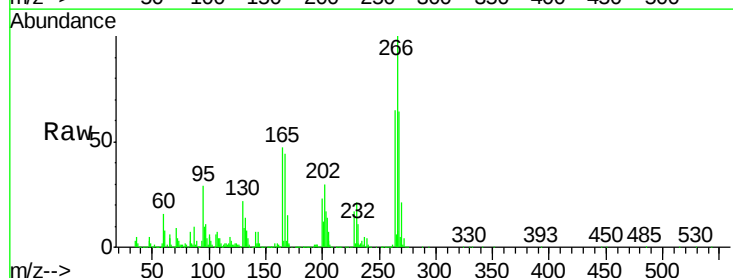
Sohil

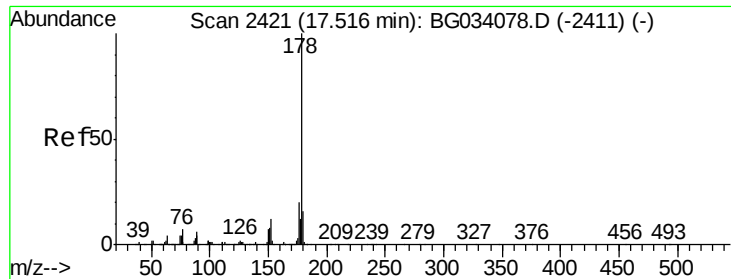
5/3/2018 4:59:33 PM



#69
Pentachlorophenol
Concen: 93.468 ng
RT: 17.11 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	51.1	76.7
264	65.0	49.6	74.4



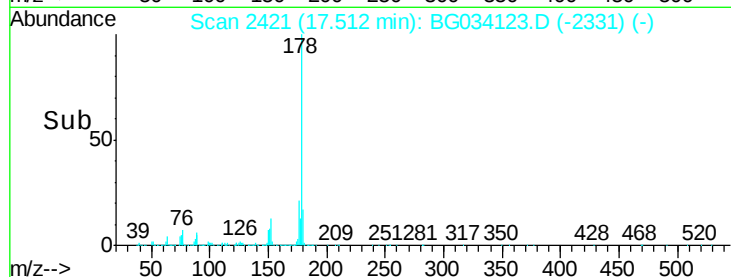
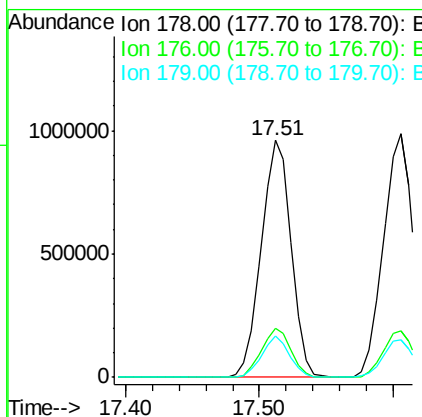
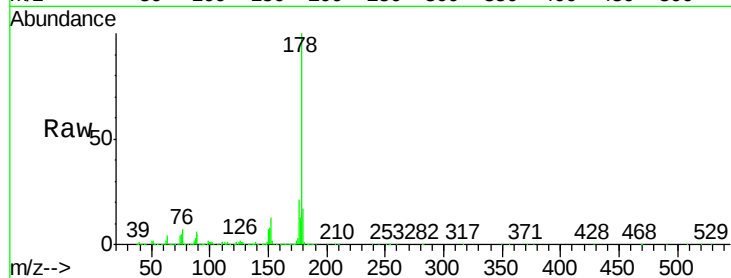


#70
Phenanthrene
Concen: 46.765 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

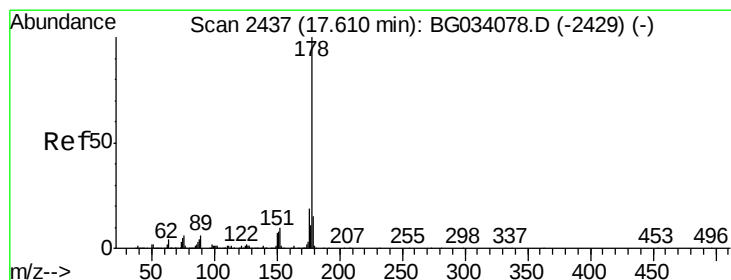
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	17.3	12.5	18.7

Manual Integrations
APPROVED



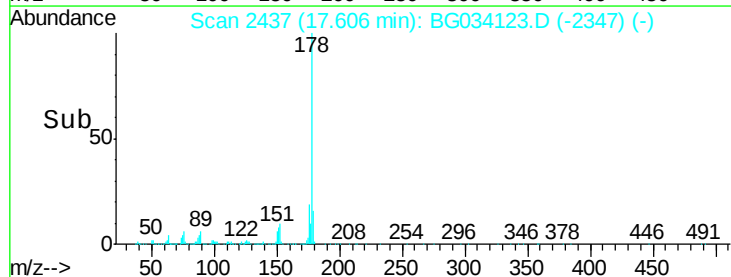
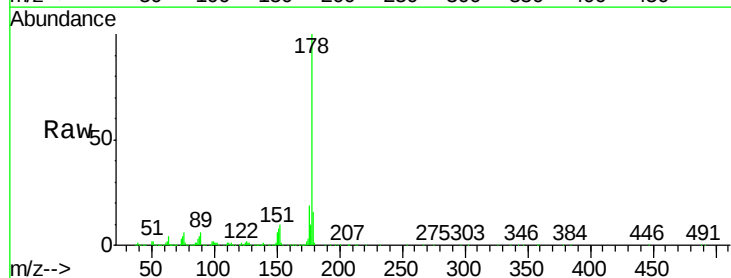
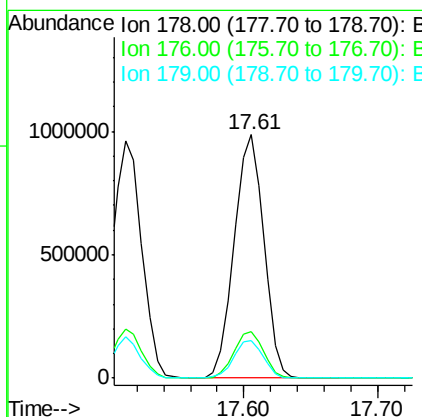
Sohil

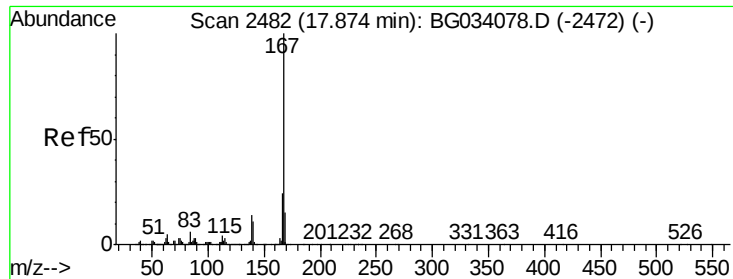
5/3/2018 4:59:33 PM



#71
Anthracene
Concen: 47.228 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.7	12.5	18.7



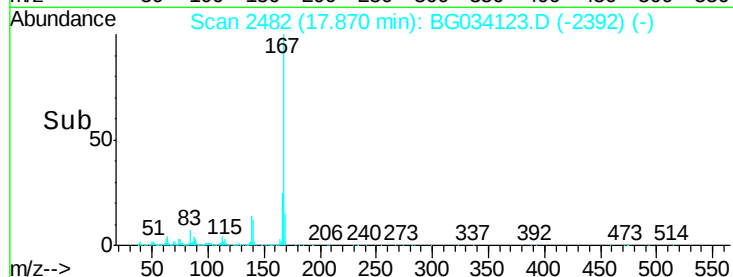
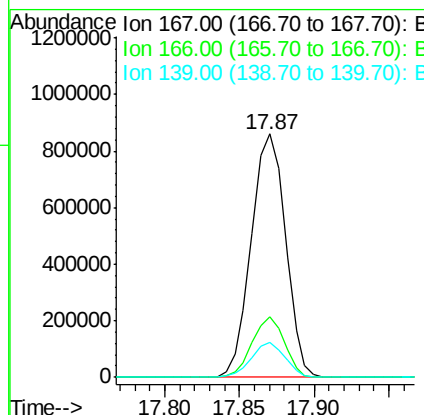
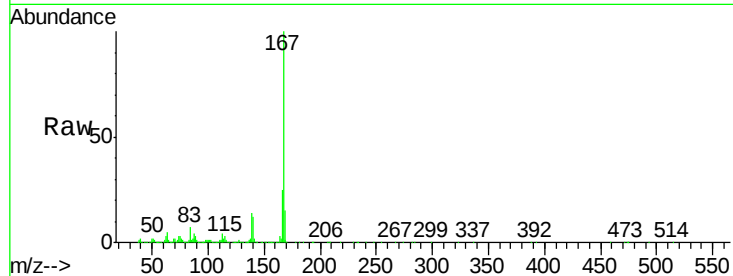


#72
 Carbazole
 Concen: 46.519 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

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

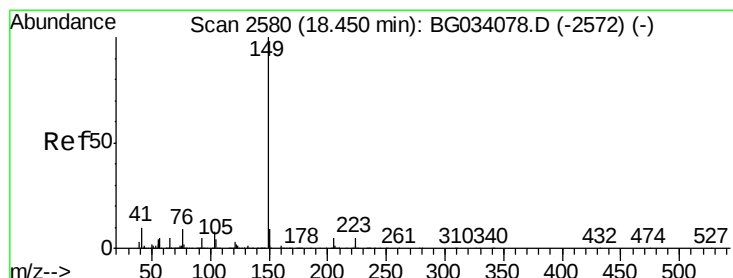
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	18.2	27.4
139	14.4	9.4	14.2

Manual Integrations
 APPROVED



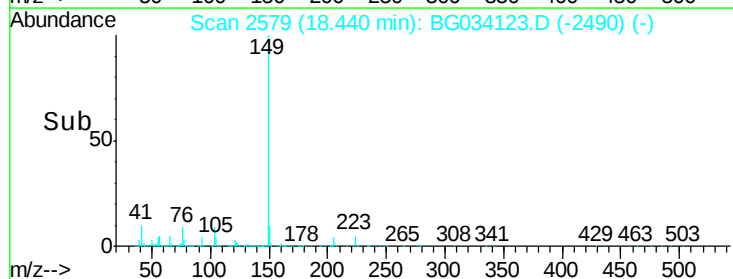
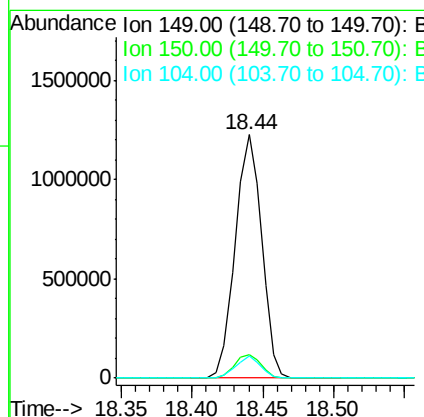
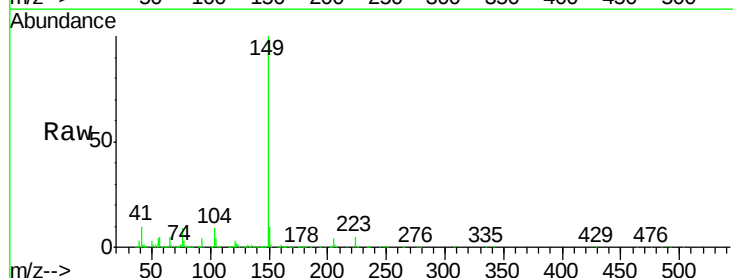
Sohil

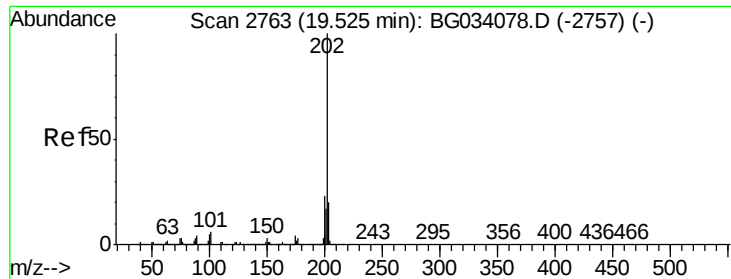
5/3/2018 4:59:33 PM



#73
 Di-n-butylphthalate
 Concen: 45.196 ng
 RT: 18.44 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	8.9	3.9	5.9



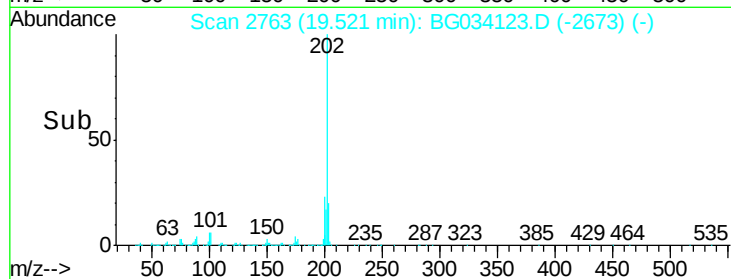
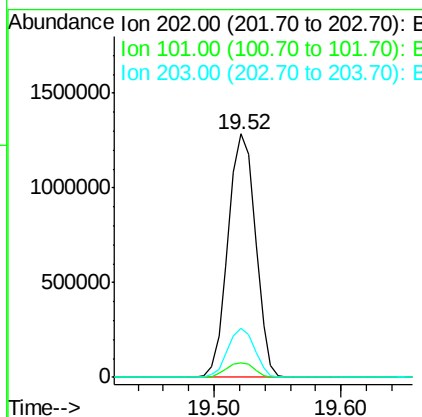
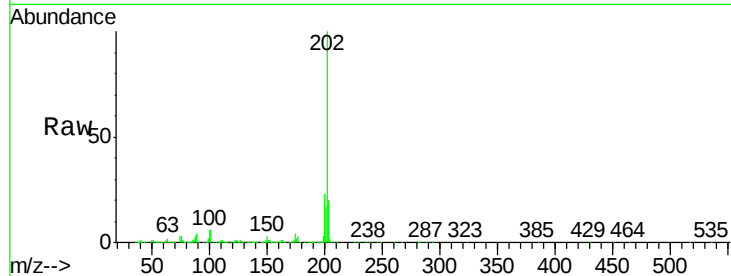


#74
 Fluoranthene
 Concen: 47.960 ng
 RT: 19.52 min Scan# 2763
 Delta R.T. -0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

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

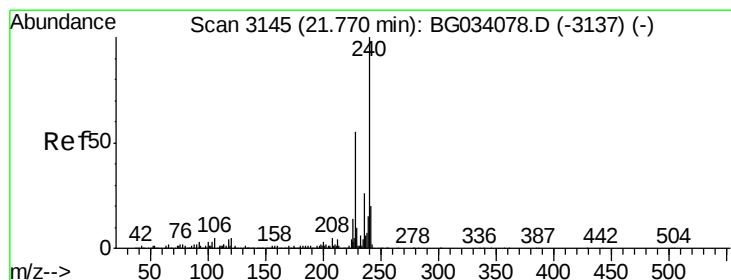
Tot Ion:	202	Resp:	1924187
Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	28.9
203	20.3	0.0	37.5

Manual Integrations
 APPROVED



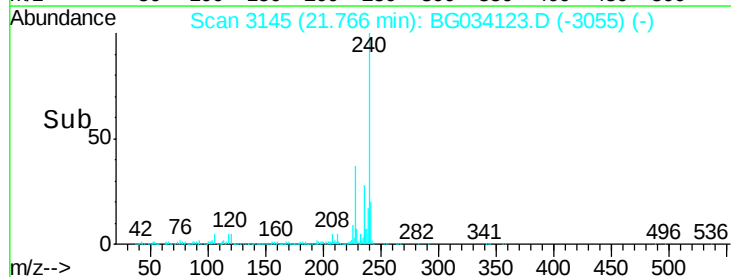
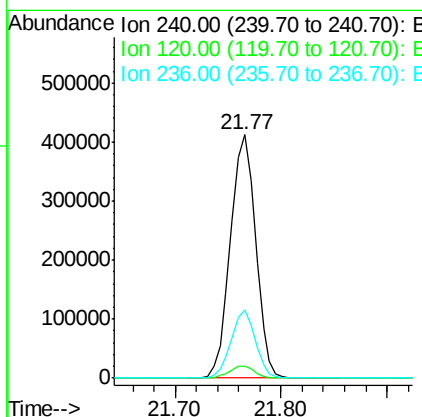
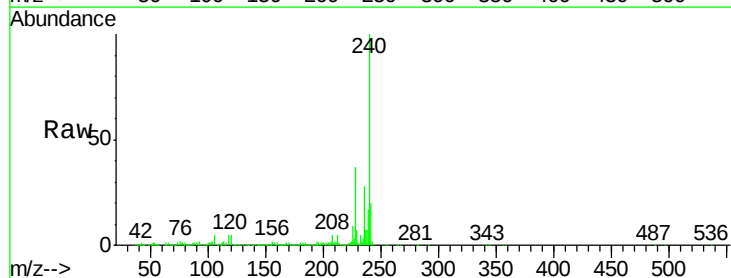
Sohil

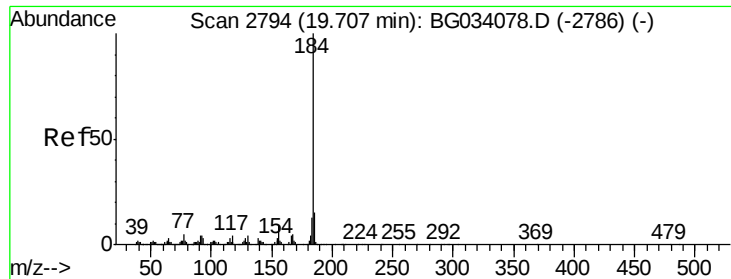
5/3/2018 4:59:33 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG034123.D
 Acq: 2 May 2018 19:29

Tgt Ion:	240	Resp:	681114
Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	28.0	20.9	31.3





#76

Benzidine

Concen: 7.944 ng/mL

RT: 19.72 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

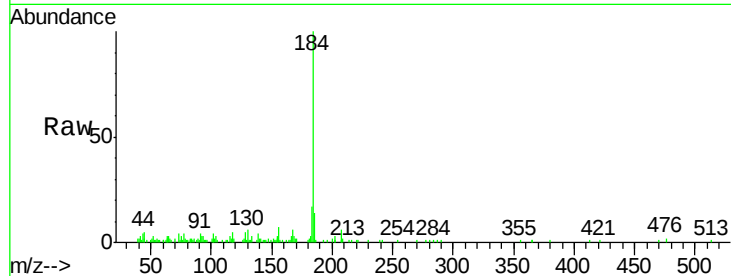
BNA_G

ClientSampleId :

CL-02-043018-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.1	16.7
183	16.5	10.6	16.0

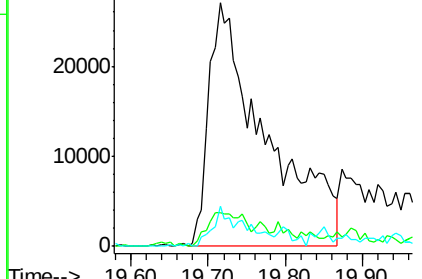
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E

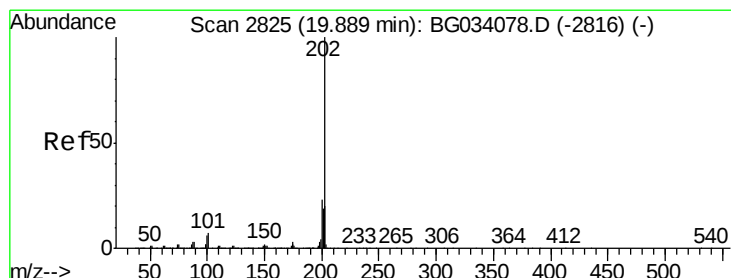
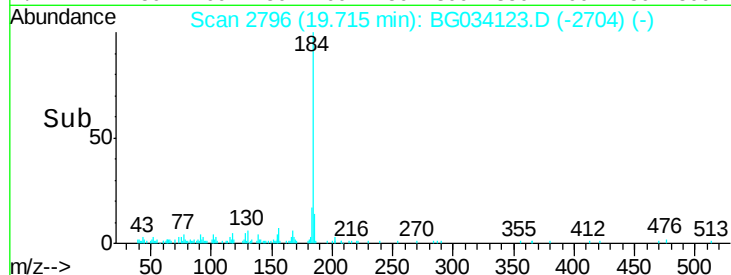
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 44.885 ng/mL

RT: 19.88 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG034123.D

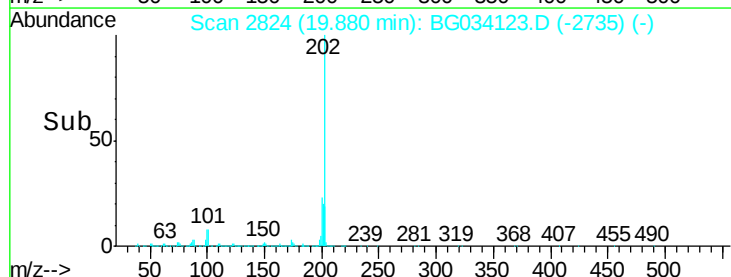
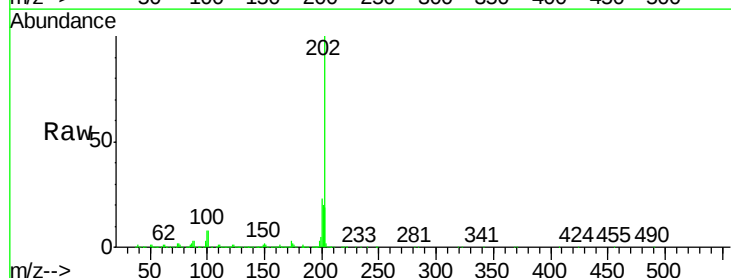
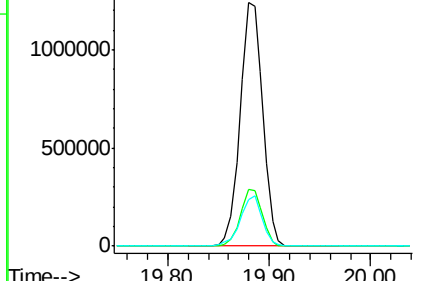
Acq: 2 May 2018 19:29

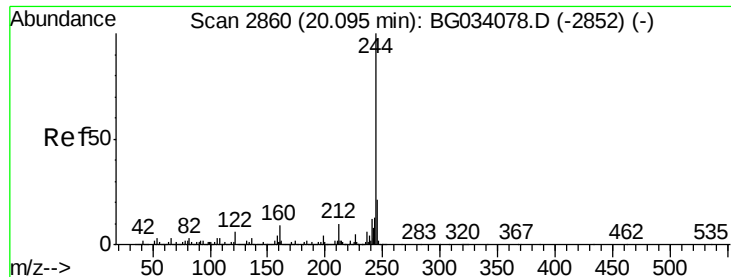
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.9	25.3
203	19.3	13.9	20.9

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: 93.610 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

BNA_G

ClientSampled :

CL-02-043018-AMS

Tot Ion:244 Resp: 2910503

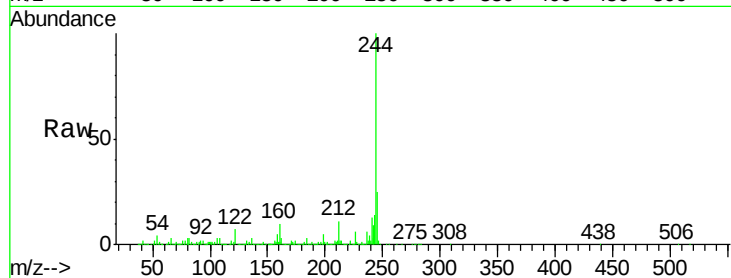
Ion Ratio Lower Upper

244 100

212 11.1 5.8 8.8#

122 6.8 7.0 10.4#

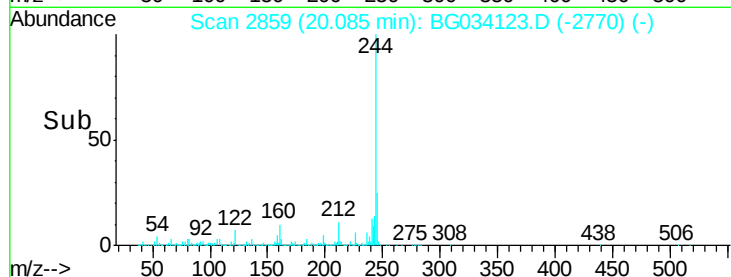
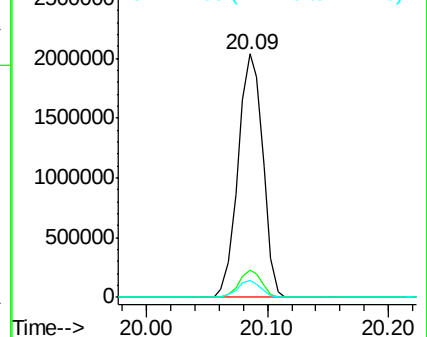
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E

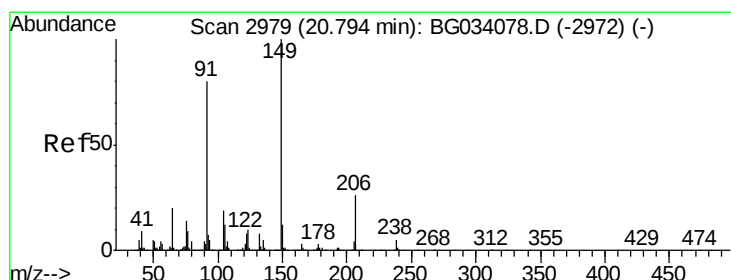
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 45.935 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.02 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

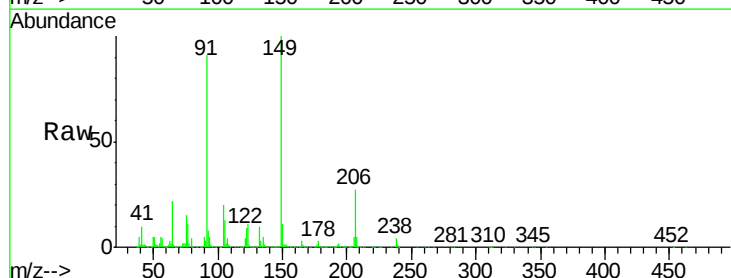
Tgt Ion:149 Resp: 765222

Ion Ratio Lower Upper

149 100

91 91.5 62.2 93.2

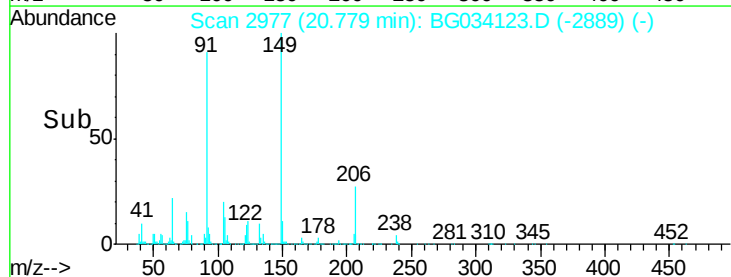
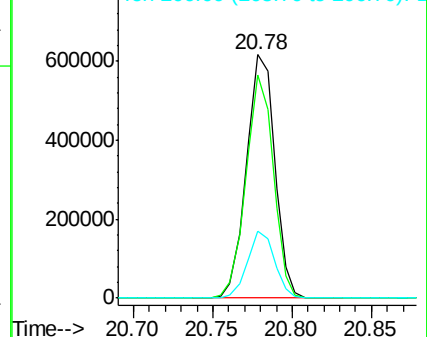
206 27.5 18.6 27.8

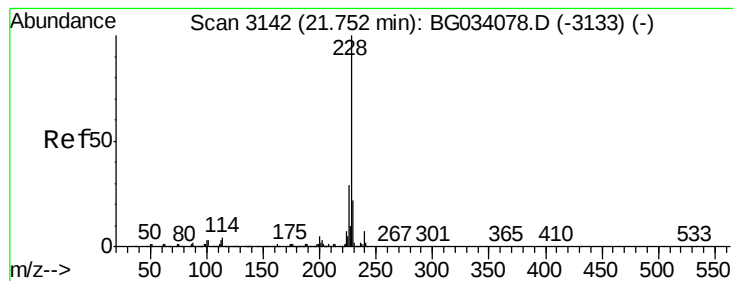


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 47.393 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMS

Tot Ion:228 Resp: 2068744

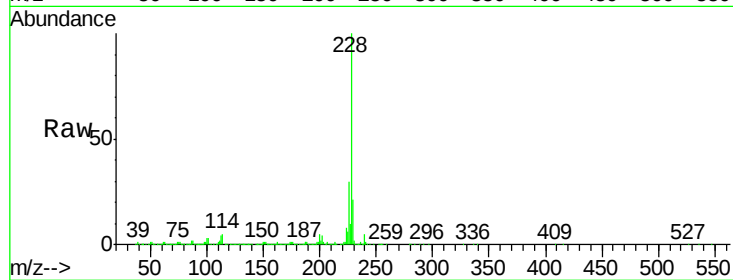
Ion Ratio Lower Upper

228 100

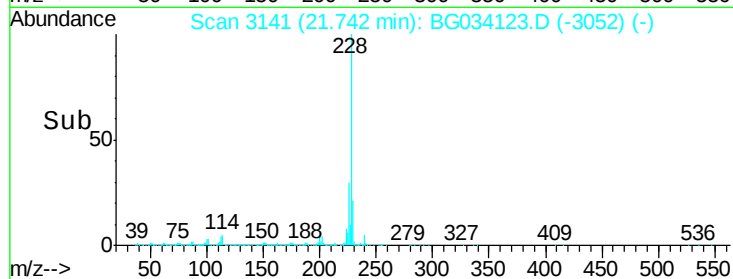
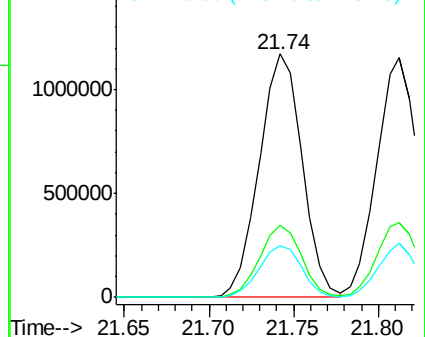
226 29.6 22.7 34.1

229 21.4 16.2 24.2

Manual Integrations
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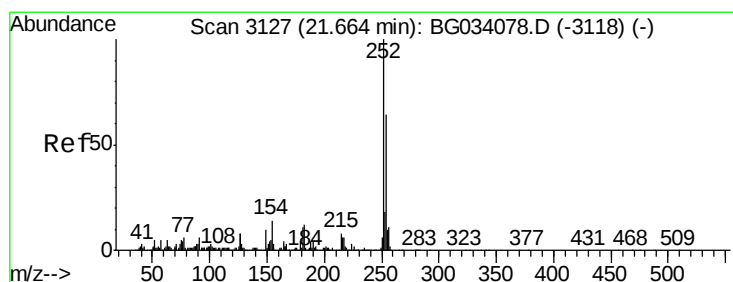


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#81

3,3'-Dichlorobenzidine

Concen: 18.393 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

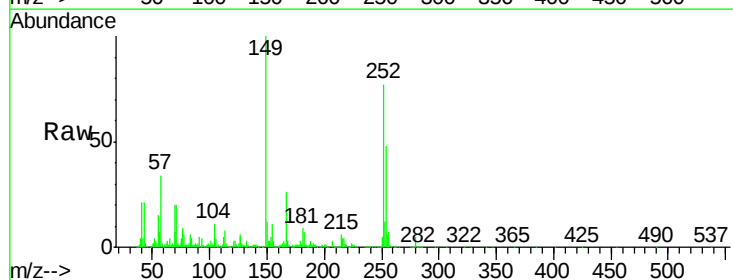
Tgt Ion:252 Resp: 303605

Ion Ratio Lower Upper

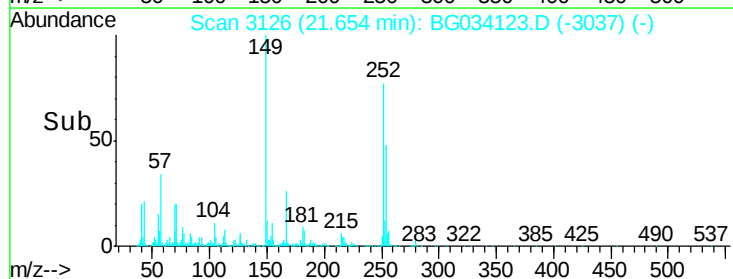
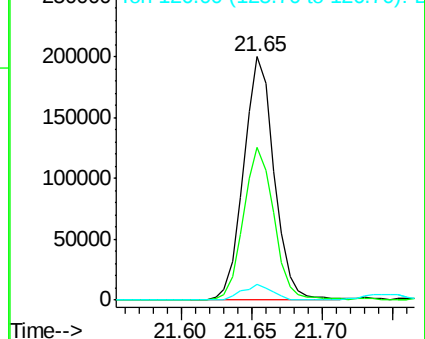
252 100

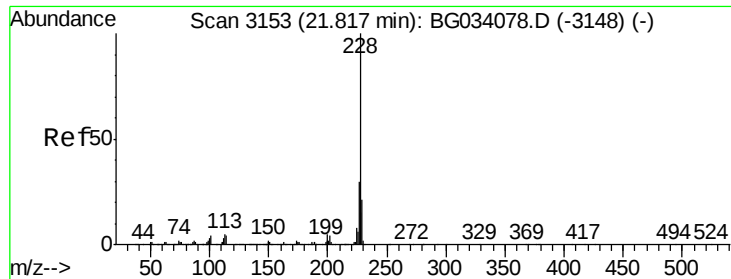
254 62.5 50.8 76.2

126 6.7 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: 46.405 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

BNA_G

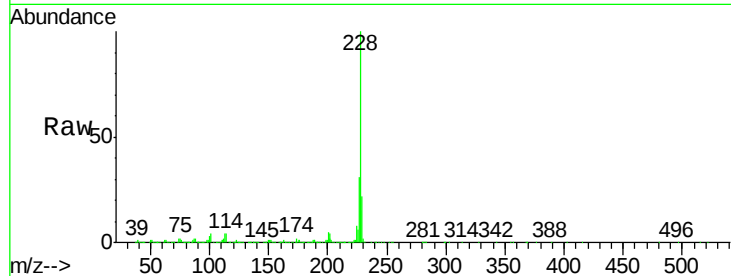
ClientSampleId :

CL-02-043018-AMS

Tot Ion:228 Resp: 1938792

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	22.4	15.0	22.4

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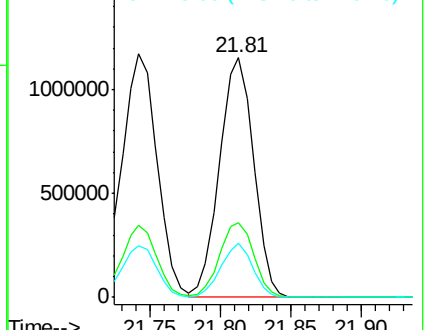


Abundance

Ion 228.00 (227.70 to 228.70): E

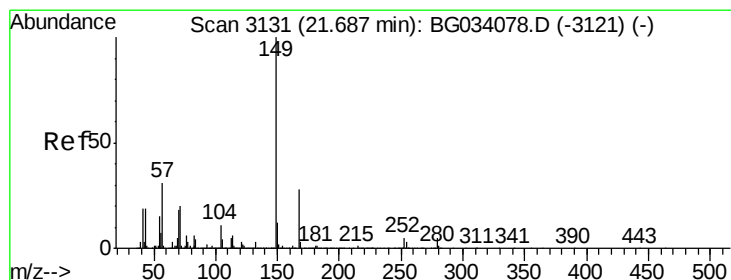
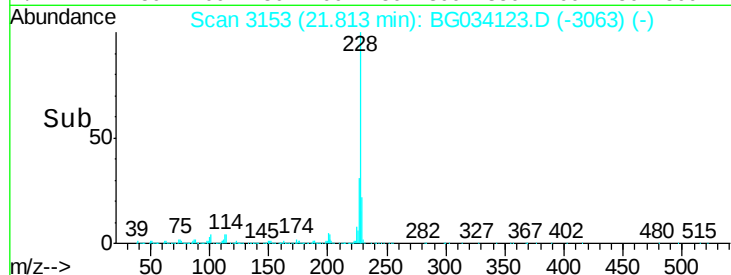
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



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#83

Bis(2-ethylhexyl)phthalate

Concen: 45.478 ng

RT: 21.67 min Scan# 3128

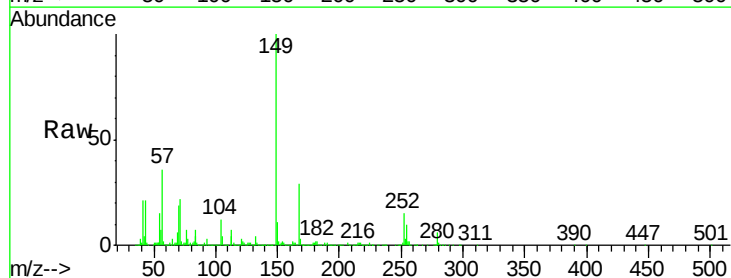
Delta R.T. -0.02 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Tgt Ion:149 Resp: 1042679

Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.3	36.5
279	5.6	4.0	6.0

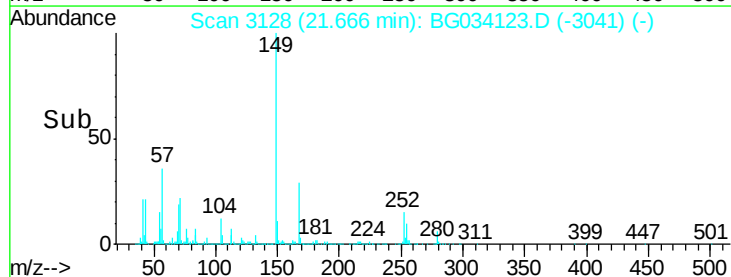
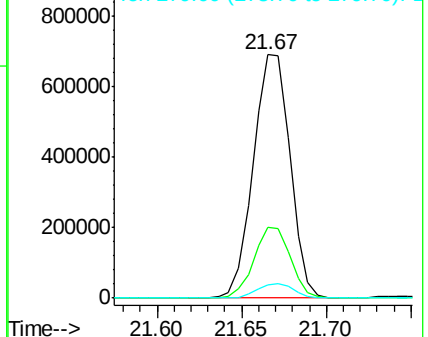


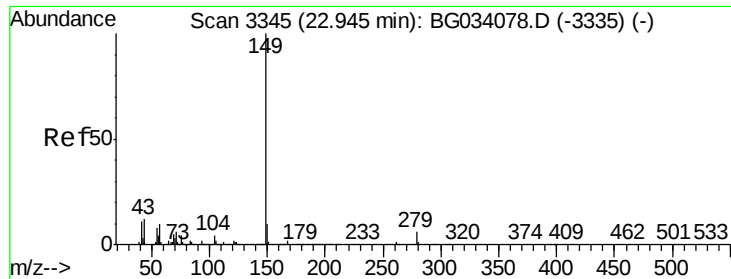
Abundance

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: 49.029 ng

RT: 22.92 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

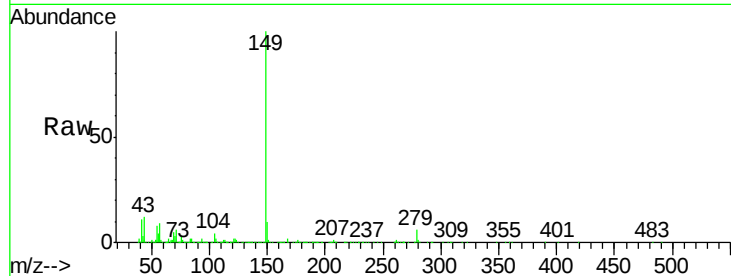
BNA_G

ClientSampleId :

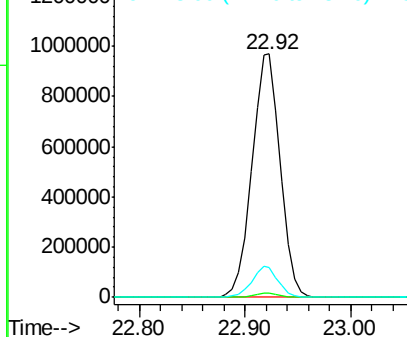
CL-02-043018-AMS

Tot Ion:149	Resp: 1795396
Ion Ratio	Lower Upper
149 100	
167 1.8	1.4 2.0
43 11.7	8.9 13.3

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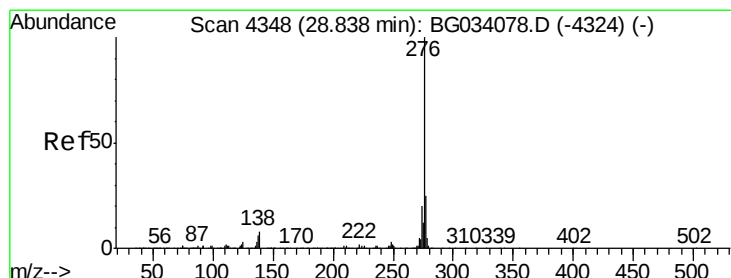
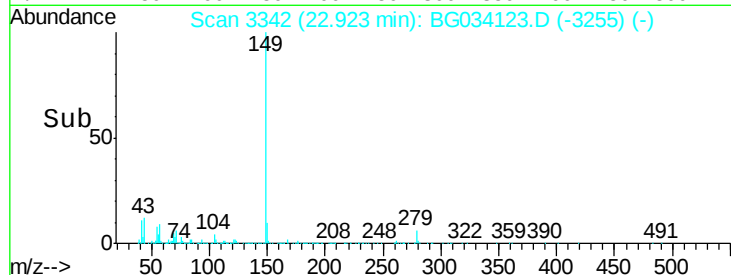


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



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#85

Indeno(1,2,3-cd)pyrene

Concen: 51.087 ng

RT: 28.82 min Scan# 4345

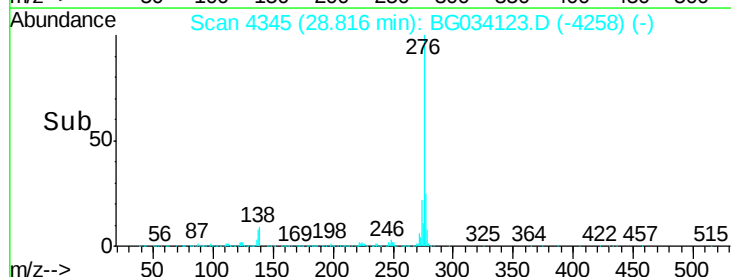
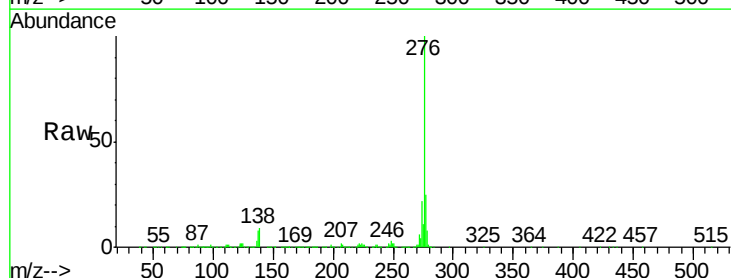
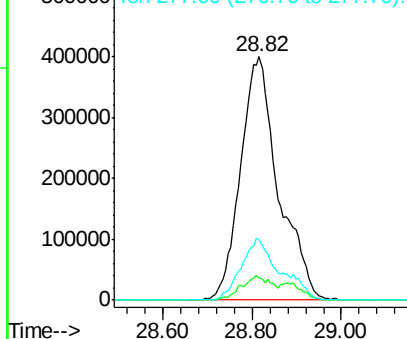
Delta R.T. -0.02 min

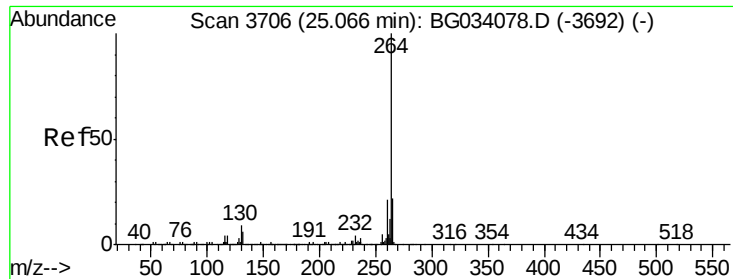
Lab File: BG034123.D

Acq: 2 May 2018 19:29

Tgt	Ion:276	Resp: 2348921	
Ion	Ratio	Lower	Upper
276	100		
138	7.9	16.0	24.0#
277	25.9	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



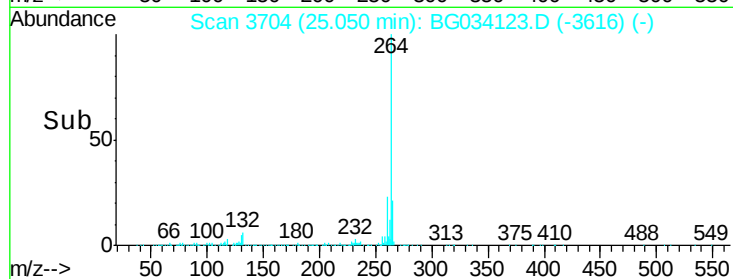
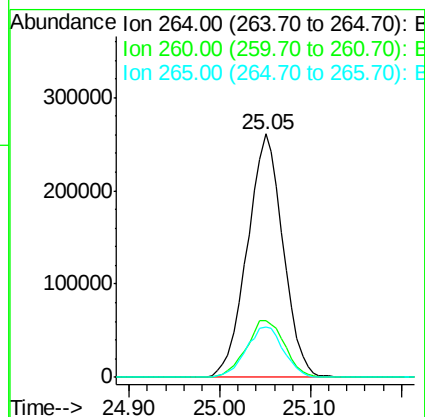
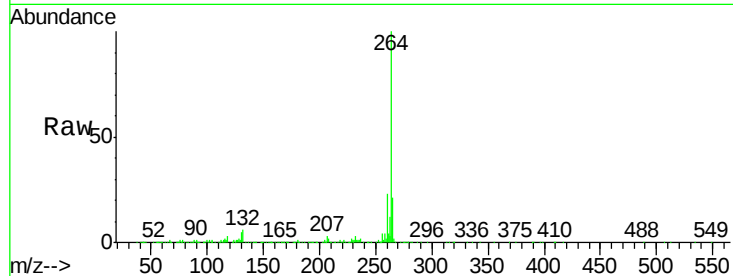


#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

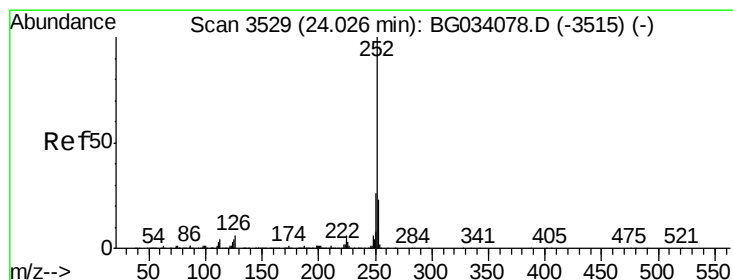
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.9	17.7	26.5

Manual Integrations
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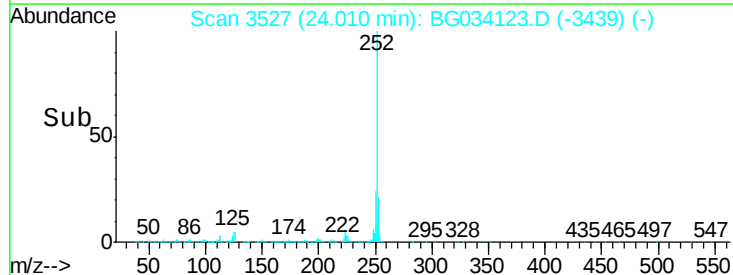
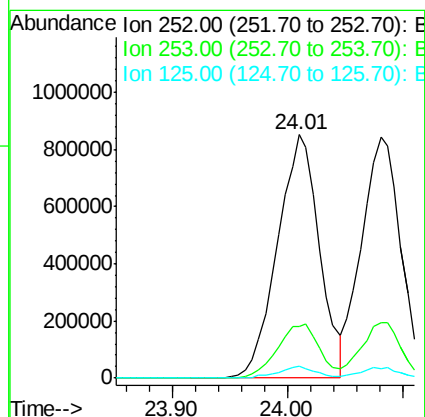
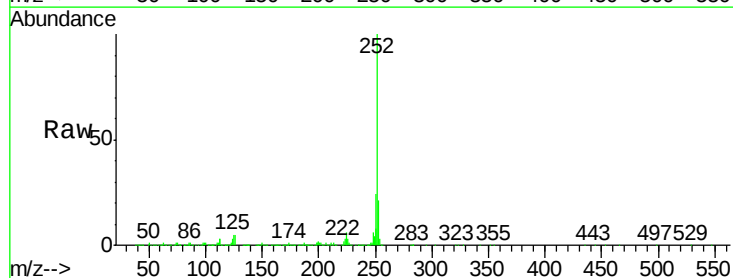
Sohil

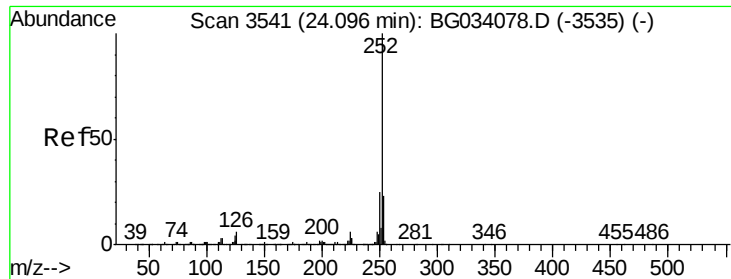
5/3/2018 4:59:33 PM



#87
Benzo(b)fluoranthene
Concen: 47.718 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.02 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	4.7	7.2	10.8





#88

Benzo(k)fluoranthene

Concen: 46.211 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.02 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

Instrument :

BNA_G

ClientSampleId :

CL-02-043018-AMS

Tot Ion:252 Resp: 1987339

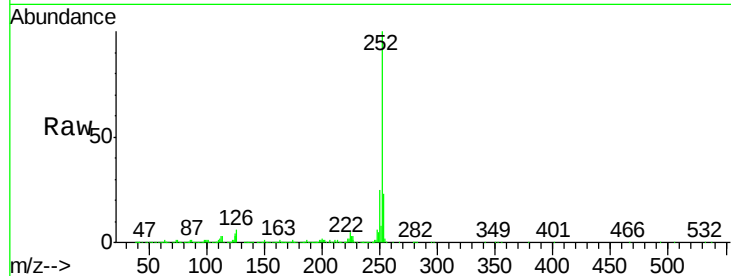
Ion Ratio Lower Upper

252 100

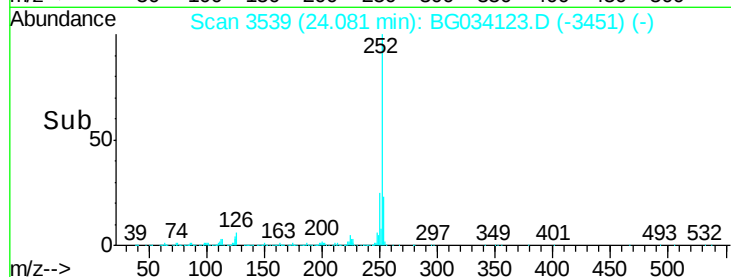
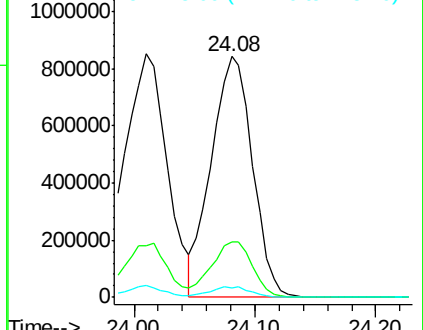
253 23.3 17.4 26.2

125 4.2 6.6 9.8#

Manual Integrations
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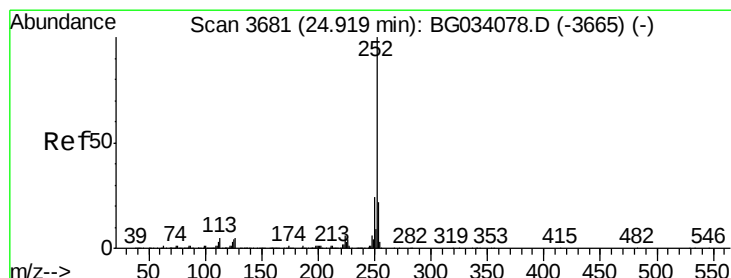


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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#89

Benzo(a)pyrene

Concen: 48.227 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG034123.D

Acq: 2 May 2018 19:29

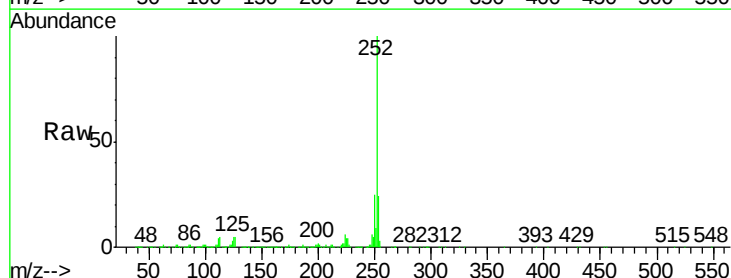
Tgt Ion:252 Resp: 2030227

Ion Ratio Lower Upper

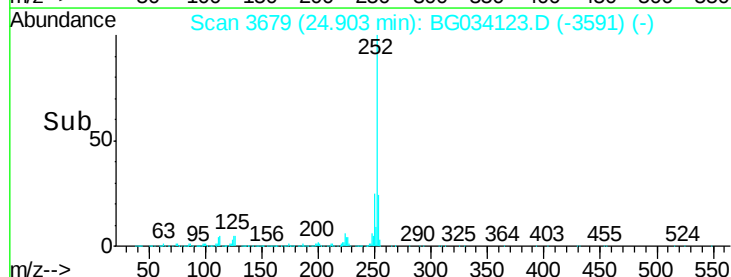
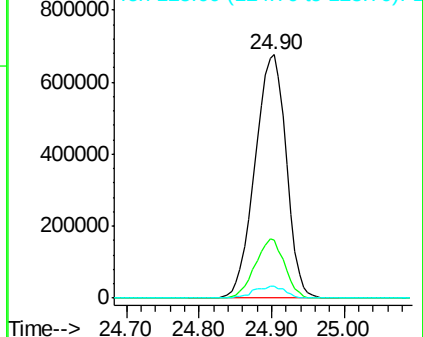
252 100

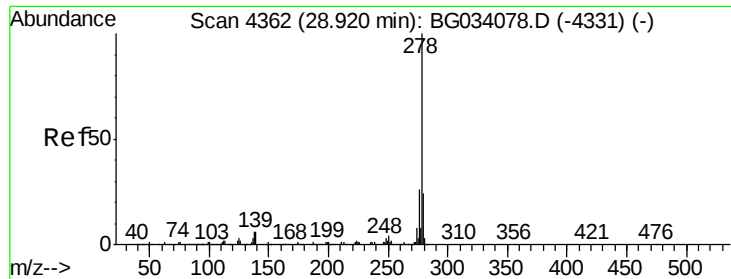
253 23.7 18.3 27.5

125 4.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



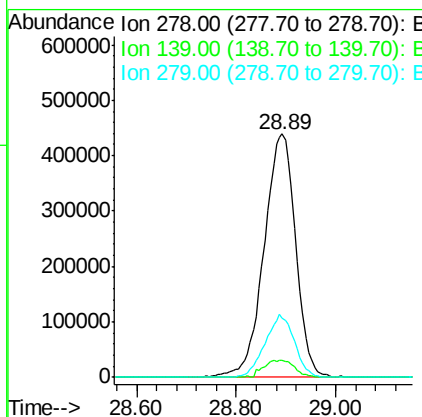
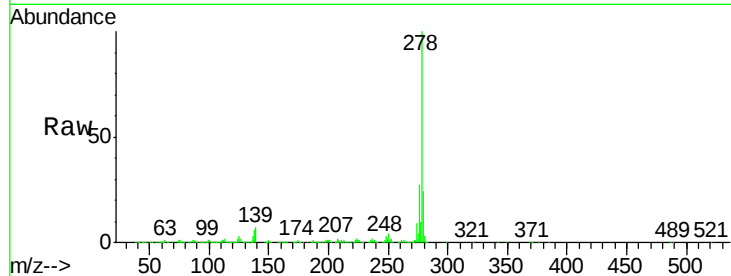


#90
Dibenzo(a,h)anthracene
Concen: 48.713 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.03 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

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

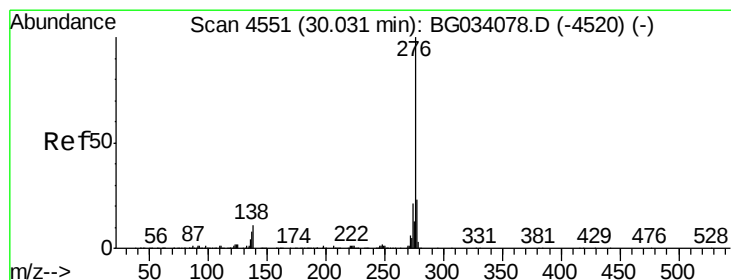
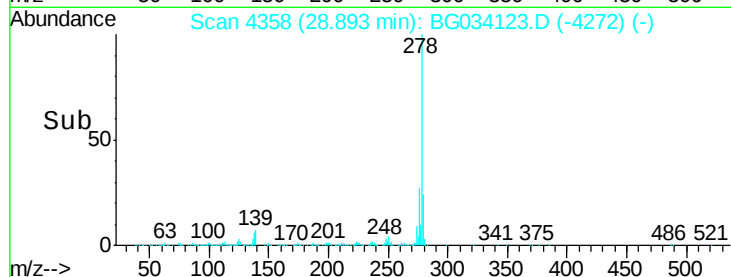
Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	7.2	9.8	14.6	
279	24.3	18.4	27.6	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 49.663 ng
RT: 30.00 min Scan# 4546
Delta R.T. -0.03 min
Lab File: BG034123.D
Acq: 2 May 2018 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.7	18.3	27.5	
138	10.6	13.9	20.9	

