

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034957.D
 Acq On : 7 Jun 2018 18:05
 Operator : SJ/JU
 Sample : J3241-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Manual Integrations
 APPROVED

Sohil
 6/8/2018 4:44:52 PM

Quant Time: Jun 08 04:48:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40678	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	153420	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	109908	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	279871	20.00	ng	0.00
75) Chrysene-d12	21.73	240	286505	20.00	ng	0.00
86) Perylene-d12	24.97	264	276636	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	329204	136.58	ng	0.00
7) Phenol-d6	7.24	99	461660	129.77	ng	0.00
23) Nitrobenzene-d5	9.24	82	330247	102.32	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	210363	149.52	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	721818	85.38	ng	0.00
78) Terphenyl-d14	20.06	244	1308252	95.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	39901	34.695	ng	# 76
3) Pyridine	3.97	79	94411	30.426	ng	# 79
4) n-Nitrosodimethylamine	3.87	42	55333	41.508	ng	# 84
6) Aniline	7.41	93	51041	11.099	ng	99
8) 2-Chlorophenol	7.65	128	112801	44.645	ng	99
9) Benzaldehyde	7.22	77	30202	11.021	ng	93
10) Phenol	7.26	94	153683	41.743	ng	94
11) bis(2-Chloroethyl)ether	7.51	93	117390	41.080	ng	95
12) 1,3-Dichlorobenzene	7.97	146	128405m	42.594	ng	
13) 1,4-Dichlorobenzene	8.12	146	128824	41.396	ng	96
14) 1,2-Dichlorobenzene	8.44	146	124243	42.504	ng	96
15) Benzyl Alcohol	8.32	79	148078	43.927	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.62	45	144591	50.838	ng	83
17) 2-Methylphenol	8.52	107	114192	47.044	ng	# 90
18) Hexachloroethane	9.17	117	48214	43.276	ng	96
19) n-Nitroso-di-n-propylamine	8.89	70	119835	39.648	ng	# 86
20) 3+4-Methylphenols	8.84	107	154016	44.267	ng	93
22) Acetophenone	8.90	105	206128	43.373	ng	# 92
24) Nitrobenzene	9.29	77	166135	50.267	ng	94
25) Isophorone	9.81	82	331669	48.672	ng	98
26) 2-Nitrophenol	10.00	139	59522	52.248	ng	# 84
27) 2,4-Dimethylphenol	10.05	122	127632	53.300	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	169810	46.372	ng	96
29) 2,4-Dichlorophenol	10.53	162	132806	50.971	ng	93
30) 1,2,4-Trichlorobenzene	10.75	180	145502	46.571	ng	98
31) Naphthalene	10.94	128	366686	46.008	ng	97
32) Benzoic acid	10.18	122	77452	48.289	ng	90
33) 4-Chloroaniline	11.05	127	6929	2.002	ng	# 91
34) Hexachlorobutadiene	11.23	225	111151	45.745	ng	98
35) Caprolactam	11.82	113	36701m	38.114	ng	
36) 4-Chloro-3-methylphenol	12.15	107	162886	50.151	ng	95
37) 2-Methylnaphthalene	12.54	142	296864	49.129	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	200993	49.097	ng	99
40) Hexachlorocyclopentadiene	12.89	237	264293	102.949	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	119034	48.559	nq	95
43) 2,4,5-Trichlorophenol	13.21	196	129890	48.277	nq	98
45) 1,1'-Biphenyl	13.54	154	400657	45.335	nq	96
46) 2-Chloronaphthalene	13.59	162	309749	46.357	nq	98
47) 2-Nitroaniline	13.78	65	93820	47.550	nq	92
48) Acenaphthylene	14.43	152	512003	45.698	nq	97
49) Dimethylphthalate	14.16	163	415336	43.335	nq	100
50) 2,6-Dinitrotoluene	14.27	165	89282	51.062	nq	93
51) Acenaphthene	14.77	154	324038	44.265	nq	98
52) 3-Nitroaniline	14.60	138	11325	6.601	nq	# 83
53) 2,4-Dinitrophenol	14.81	184	94910	134.124	nq	# 67
54) Dibenzofuran	15.11	168	512574	46.752	nq	92
55) 4-Nitrophenol	14.90	139	132740	91.670	nq	# 82
56) 2,4-Dinitrotoluene	15.06	165	126862	54.619	nq	96
57) Fluorene	15.75	166	435317	47.509	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.32	232	138133	52.849	nq	97
59) Diethylphthalate	15.53	149	430074	43.982	nq	100
60) 4-Chlorophenyl-phenylether	15.75	204	254774	48.762	nq	97
61) 4-Nitroaniline	15.76	138	71723	38.979	nq	# 82
62) Azobenzene	16.04	77	464798	48.506	nq	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	72353	56.623	nq	85
65) n-Nitrosodiphenylamine	15.96	169	357090	42.486	nq	99
66) 4-Bromophenyl-phenylether	16.64	248	186154	55.233	nq	92
67) Hexachlorobenzene	16.75	284	242424	70.669	nq	97
68) Atrazine	16.90	200	108438	30.254	nq	95
69) Pentachlorophenol	17.09	266	219999	95.373	nq	98
70) Phenanthrene	17.49	178	797991	56.130	nq	98
71) Anthracene	17.59	178	874243	61.390	nq	98
72) Carbazole	17.85	167	632524	47.871	nq	98
73) Di-n-butylphthalate	18.42	149	855298	54.309	nq	# 98
74) Fluoranthene	19.49	202	1194517	64.569	nq	96
76) Benzdine	19.73	184	25677m	2.409	nq	
77) Pyrene	19.86	202	1189331	62.969	nq	96
79) Butylbenzylphthalate	20.75	149	437965	63.858	nq	97
80) Benzo(a)anthracene	21.70	228	1333242	72.821	nq	99
81) 3,3'-Dichlorobenzidine	21.62	252	46619	6.768	nq	# 92
82) Chrysene	21.77	228	1276203	76.133	nq	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	710689	73.335	nq	99
84) Di-n-octyl phthalate	22.88	149	1240225	74.596	nq	96
85) Indeno(1,2,3-cd)pyrene	28.70	276	1527710	77.815	nq	# 85
87) Benzo(b)fluoranthene	23.95	252	1362920	80.003	nq	# 98
88) Benzo(k)fluoranthene	24.02	252	1294595	77.685	nq	# 97
89) Benzo(a)pyrene	24.83	252	1229184	76.679	nq	# 97
90) Dibenzo(a,h)anthracene	28.78	278	1264485	79.906	nq	# 96
91) Benzo(g,h,i)perylene	29.87	276	1253777	80.958	nq	# 94

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

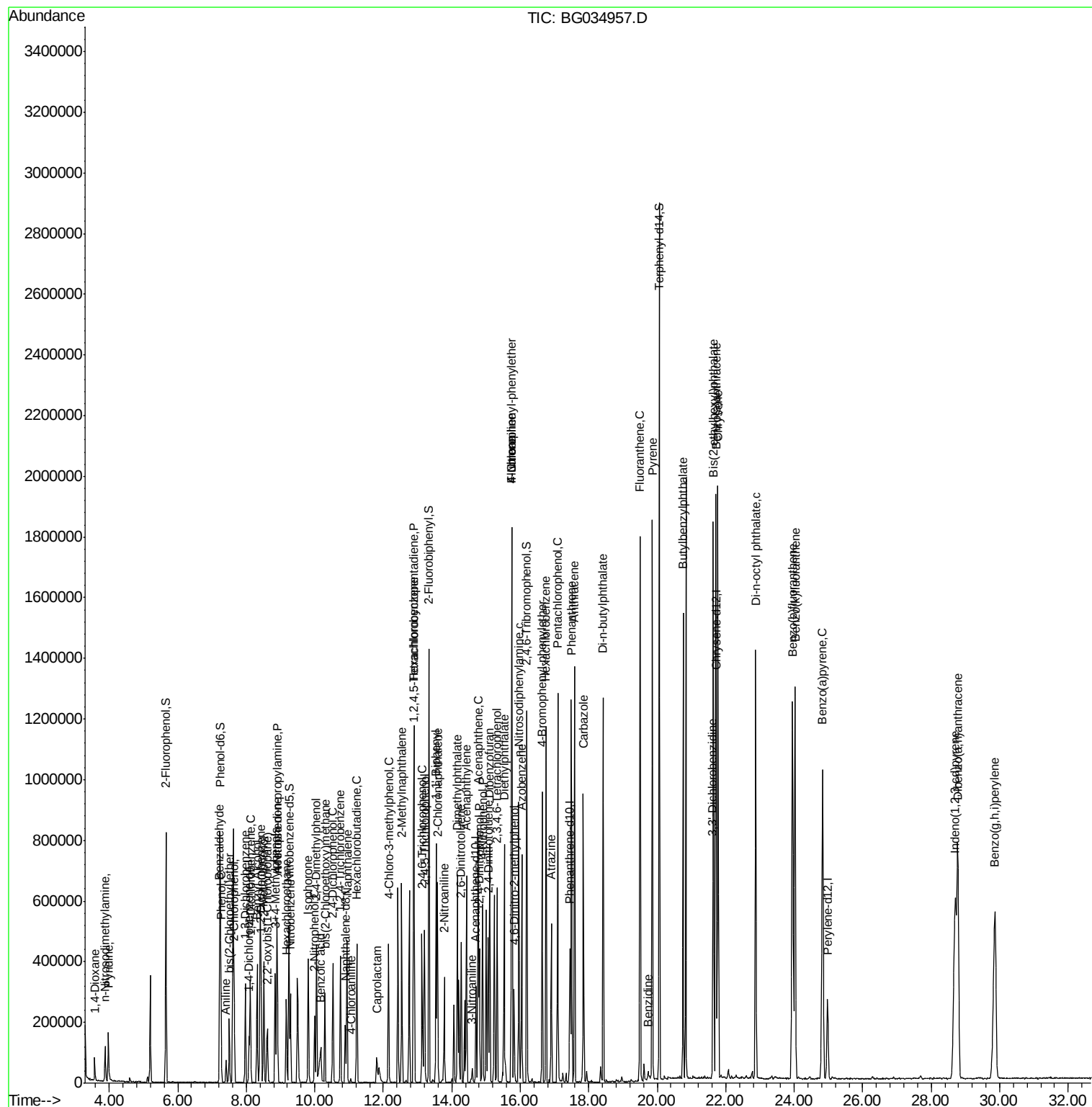
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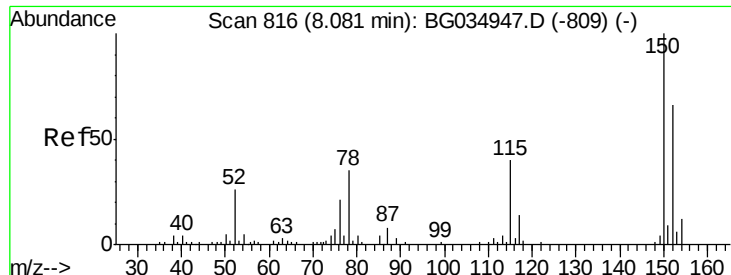
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#1

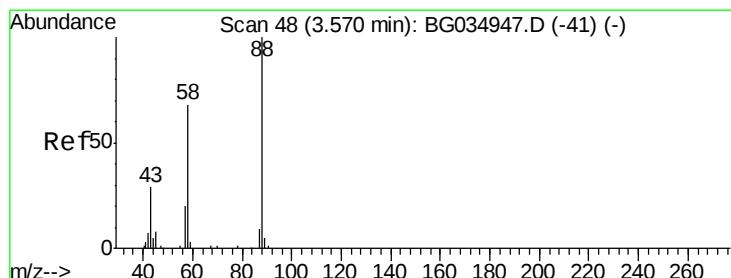
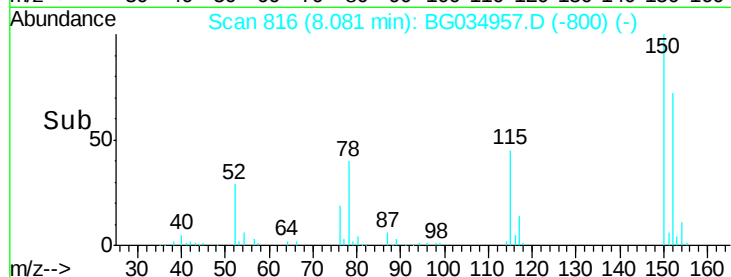
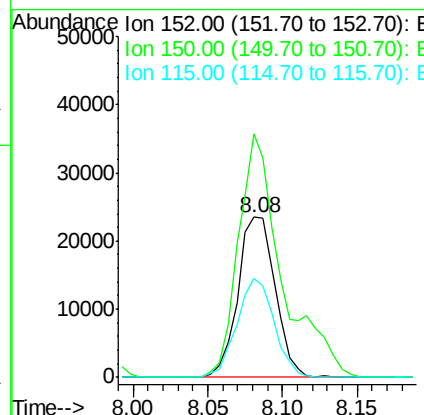
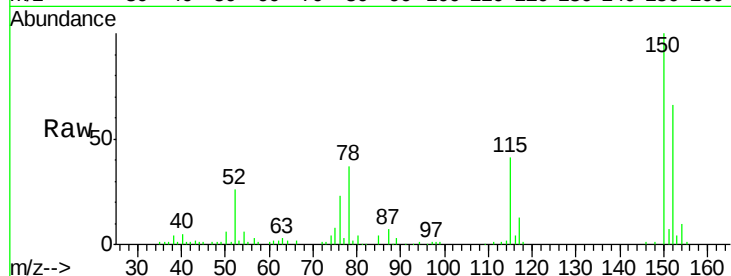
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

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BNA_G
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	62.0	53.0	79.4

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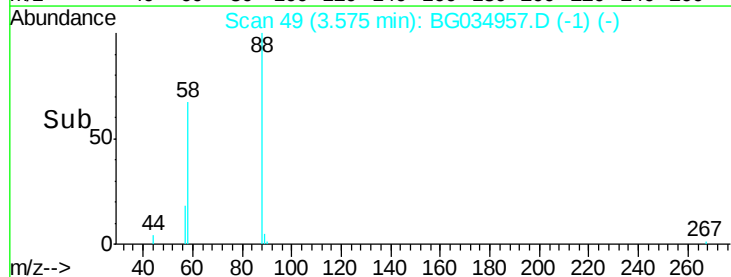
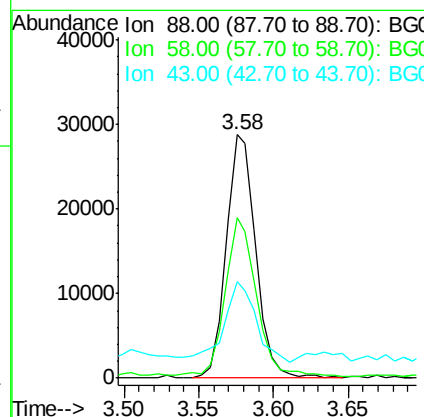
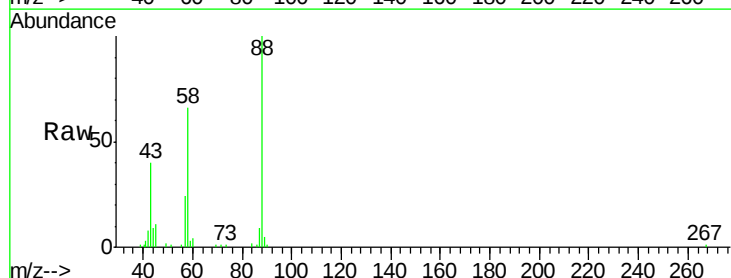
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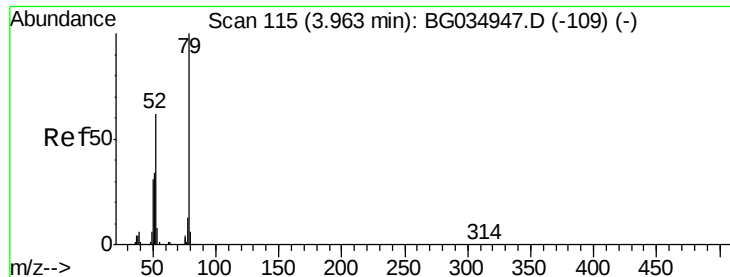


#2

1,4-Dioxane
Concen: 34.695 ng
RT: 3.58 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	79.6	119.4#
43	36.7	27.4	41.0





#3

Pvridine

Concen: 30.426 ng

RT: 3.97 min Scan# 117

Delta R.T. 0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

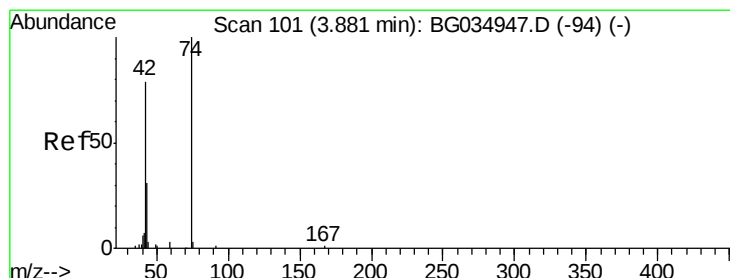
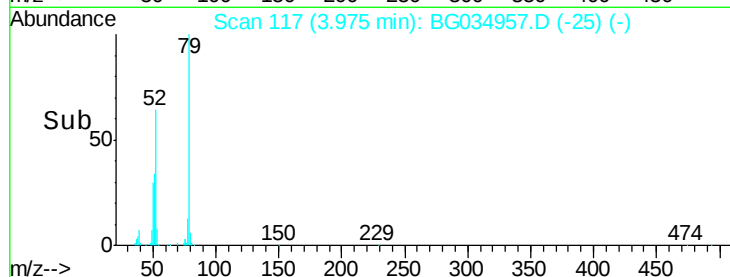
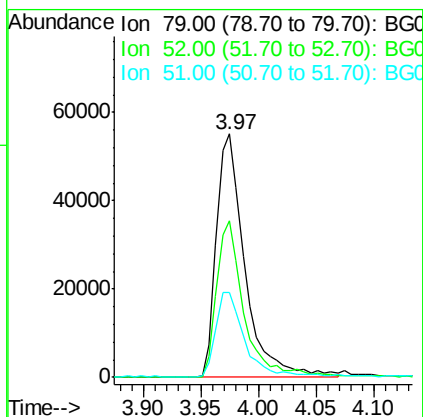
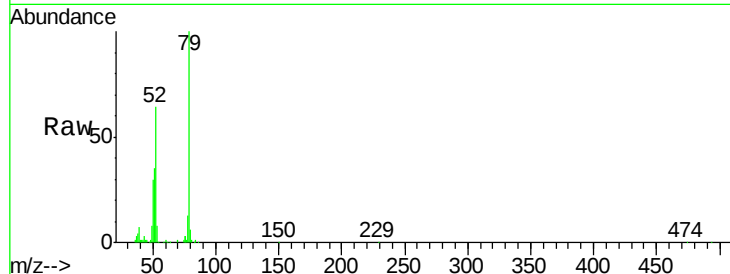
ClientSampleId :

HR-06-060518-AMS

Tot Ion:	79	Resp:	94411
Ion Ratio	Lower	Upper	
79	100		
52	64.4	69.9	104.9#
51	34.6	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.508 ng

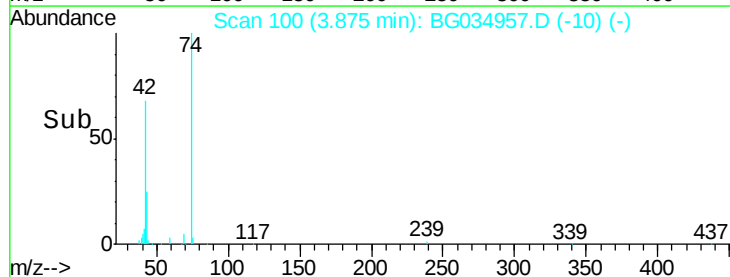
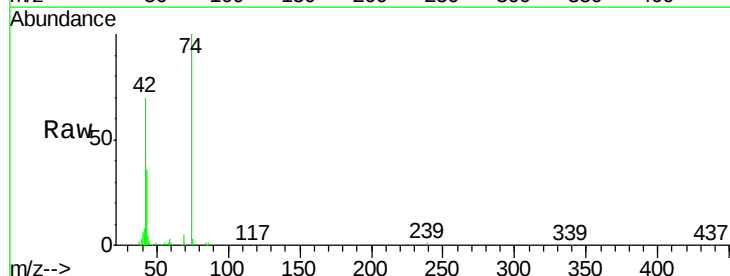
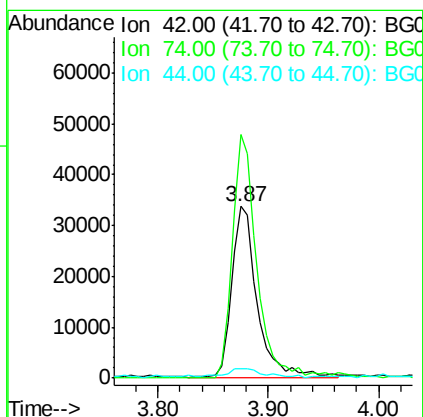
RT: 3.87 min Scan# 100

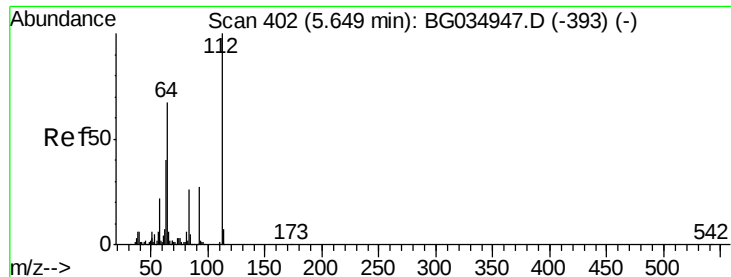
Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:	42	Resp:	55333
Ion Ratio	Lower	Upper	
42	100		
74	142.1	102.5	153.7
44	5.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.577 ng

RT: 5.65 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

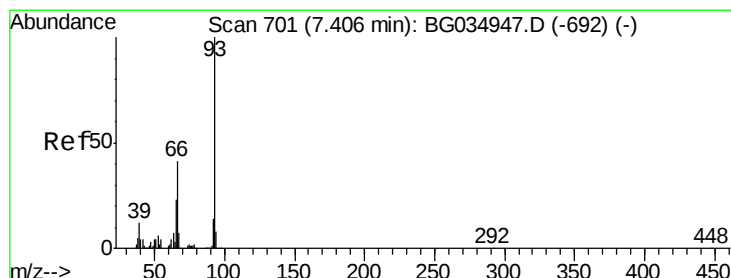
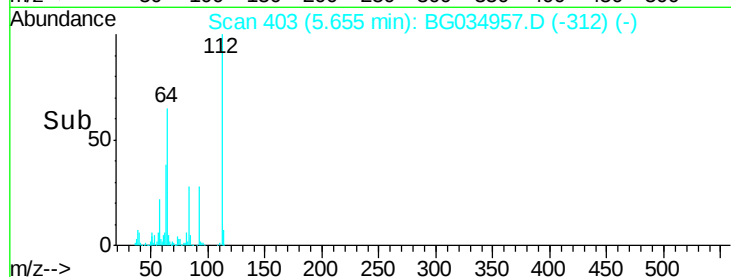
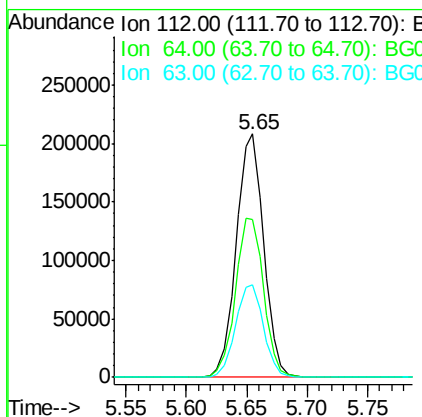
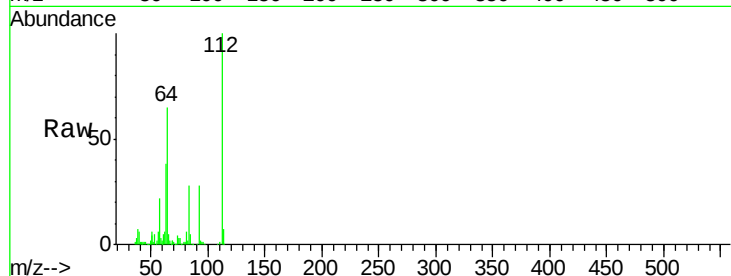
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		329204		
64	65.1	56.3	84.5		
63	37.8	30.1	45.1		

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#6

Aniline

Concen: 11.099 ng

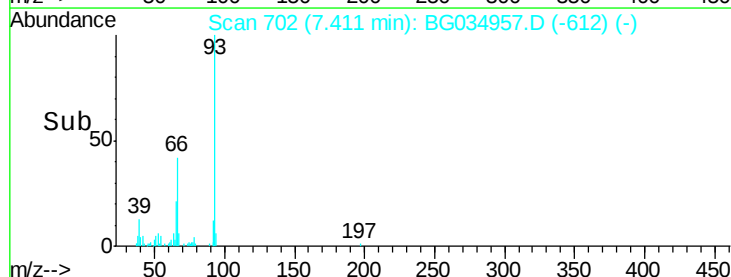
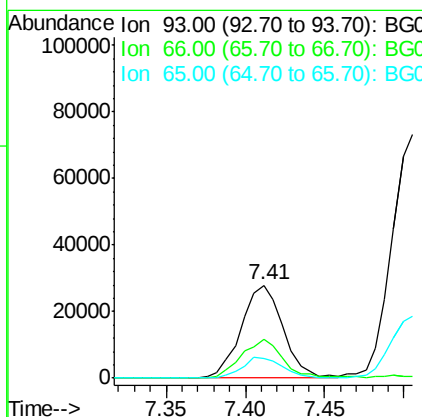
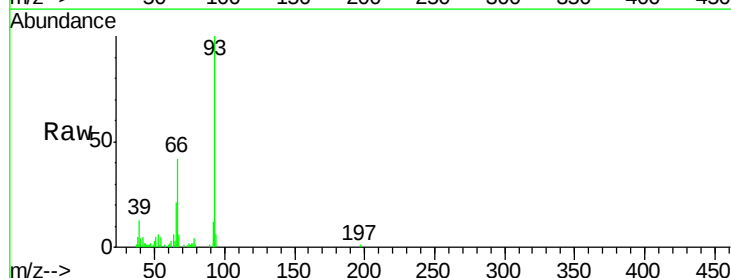
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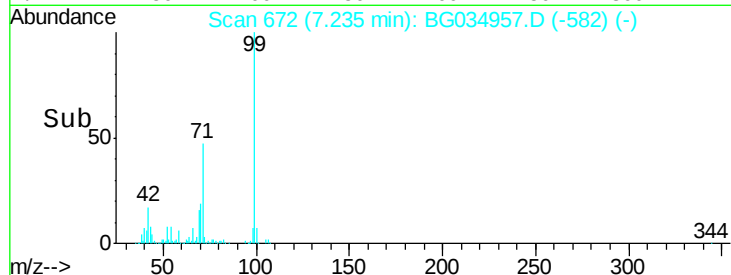
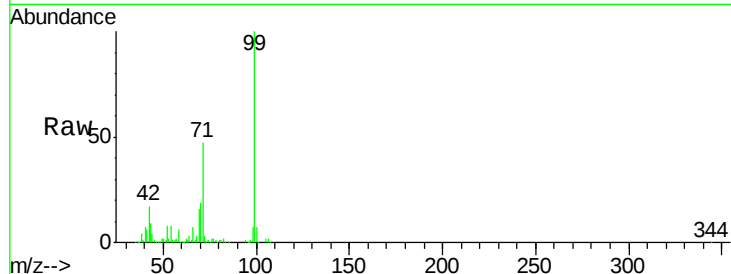
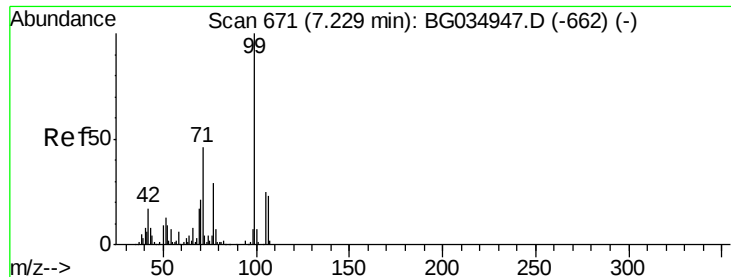
Delta R.T. 0.00 min

Lab File: BG034957.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		51041		
66	41.6	33.7	50.5		
65	20.6	16.1	24.1		





#7

Phenol-d6

Concen: 129.767 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tot Ion:	99	Resp:	461660
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.1	21.1
71	47.0	26.1	39.1

Instrument :

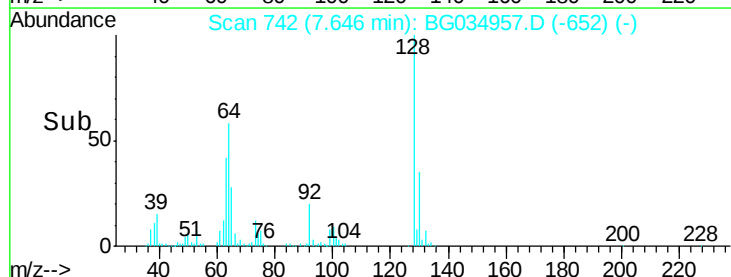
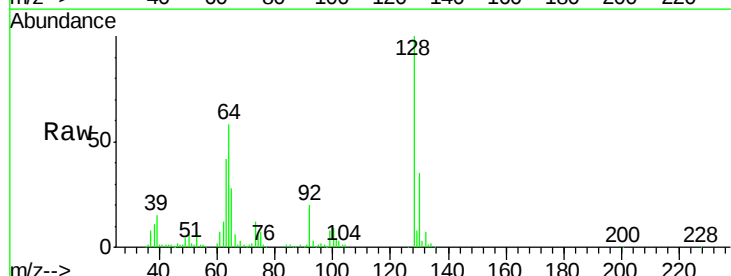
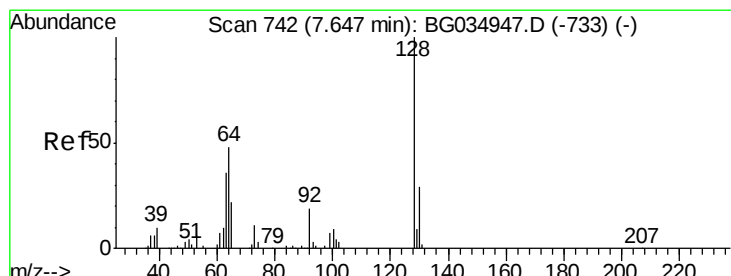
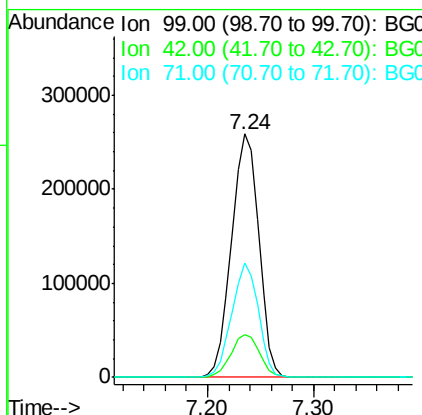
BNA_G

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#8

2-Chlorophenol

Concen: 44.645 ng

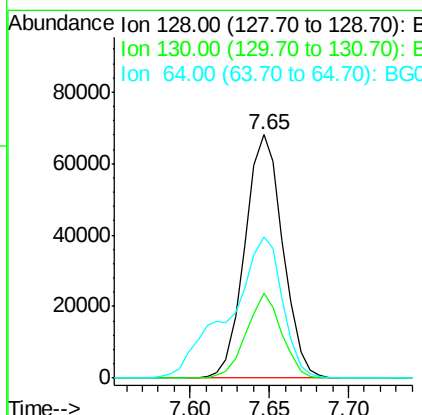
RT: 7.65 min Scan# 742

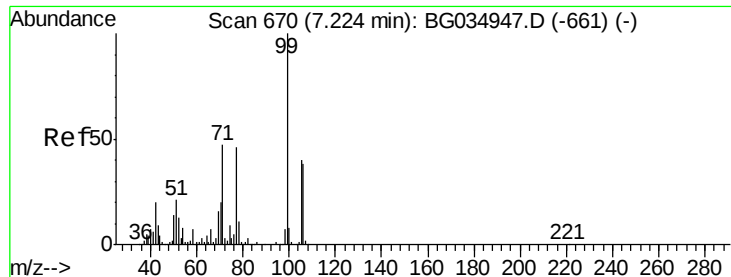
Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:	128	Resp:	112801
Ion Ratio	Lower	Upper	
128	100		
130	34.7	14.0	54.0
64	58.0	37.7	77.7





#9

Benzaldehyde

Concen: 11.021 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

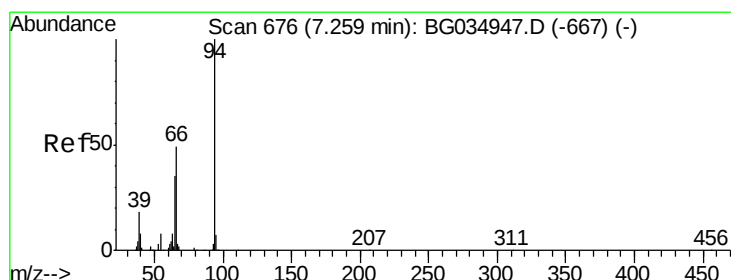
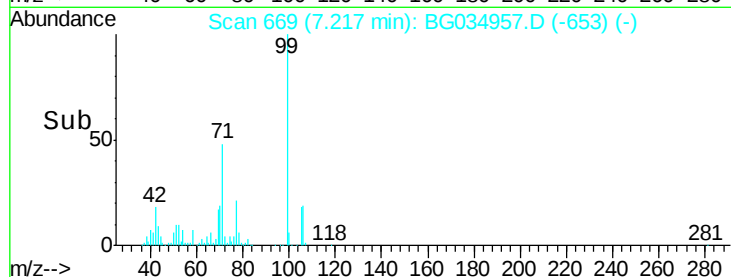
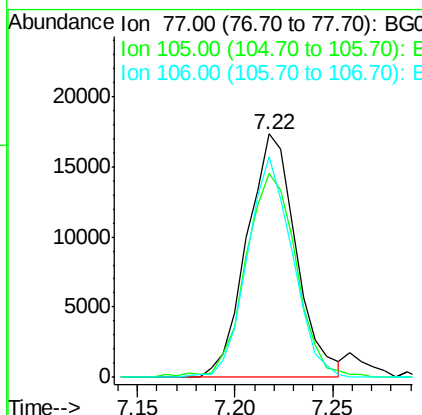
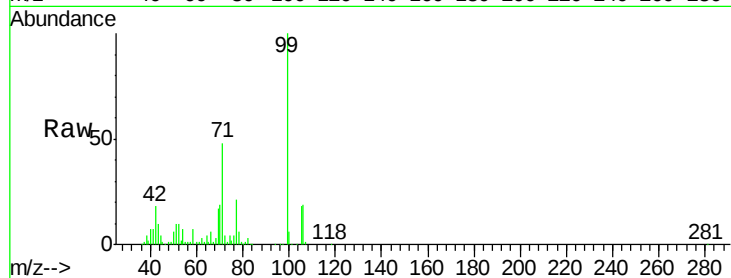
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Tot Ion	77	Resp	30202
Ion	Ratio	Lower	Upper
77	100		
105	83.7	71.3	111.3
106	90.4	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 41.743 ng

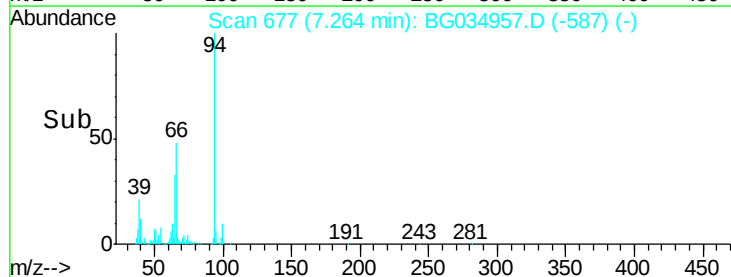
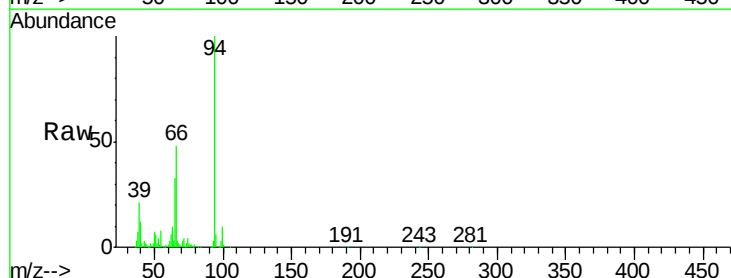
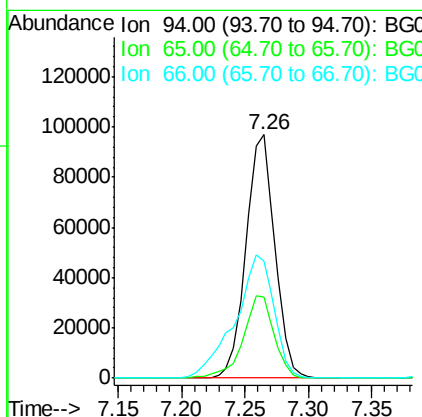
RT: 7.26 min Scan# 677

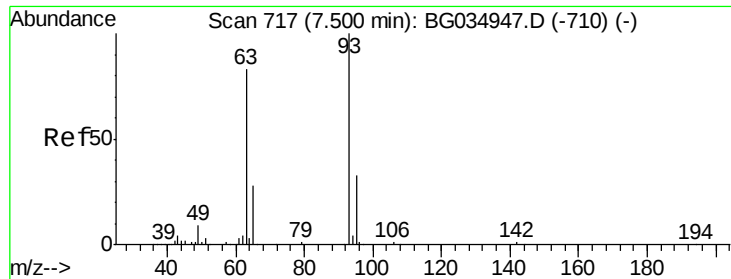
Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion	94	Resp	153683
Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.9	51.9
66	48.0	22.2	62.2





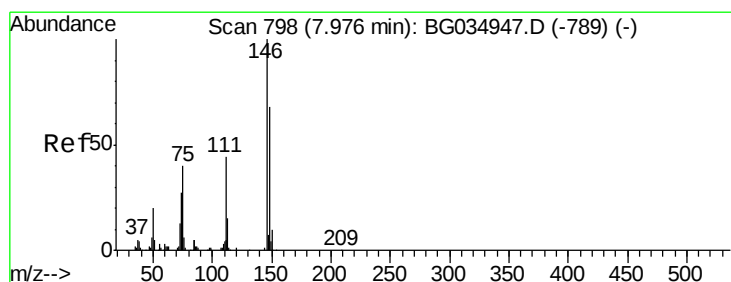
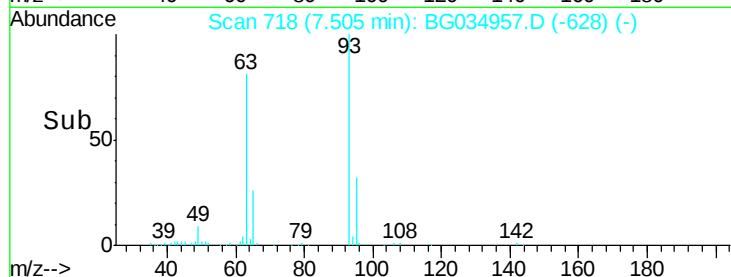
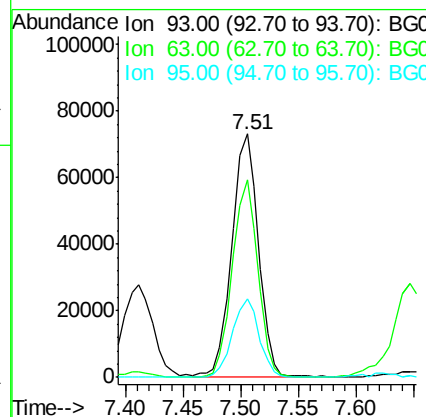
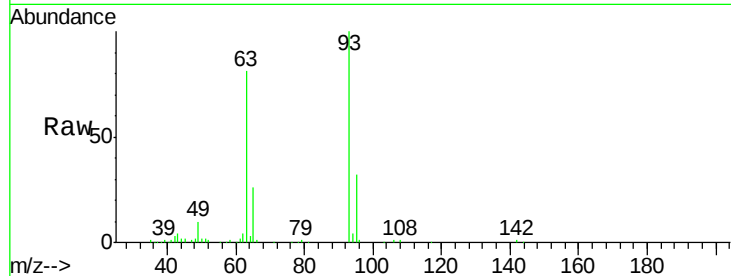
#11
bis(2-Chloroethyl)ether
Concen: 41.080 ng
RT: 7.51 min Scan# 718
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.2	67.1	107.1
95	32.3	11.5	51.5

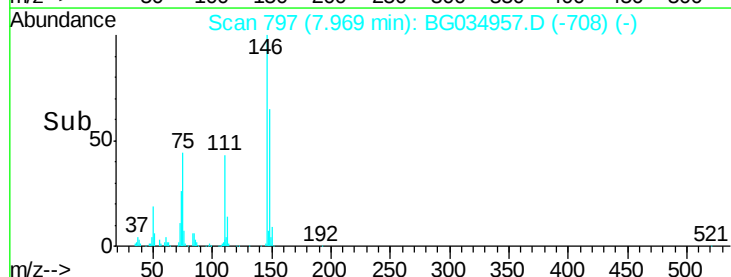
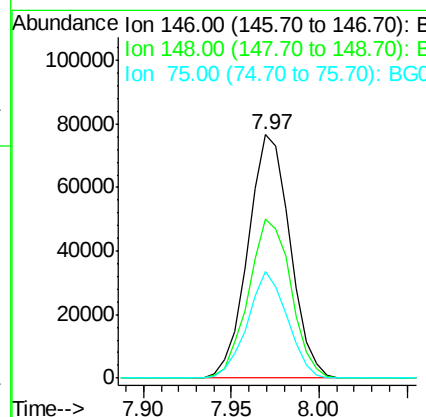
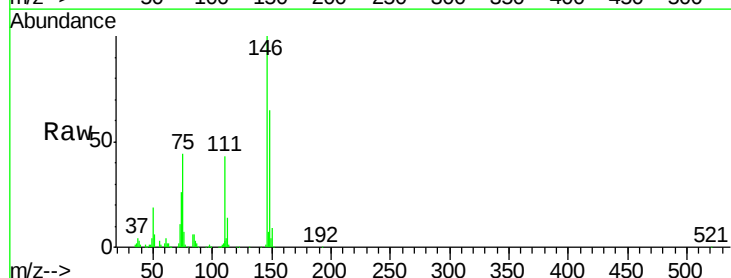
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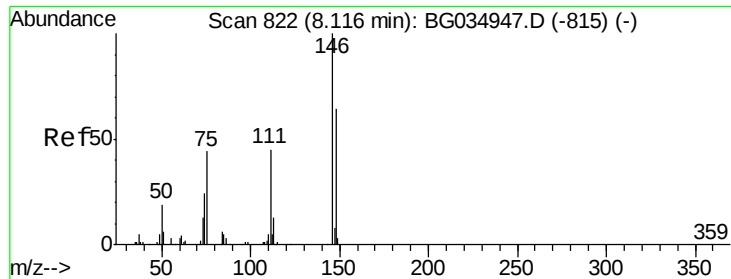
Sohil
6/8/2018 4:44:52 PM



#12
1,3-Dichlorobenzene
Concen: 42.594 ng m
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
75	43.9	26.6	39.8#





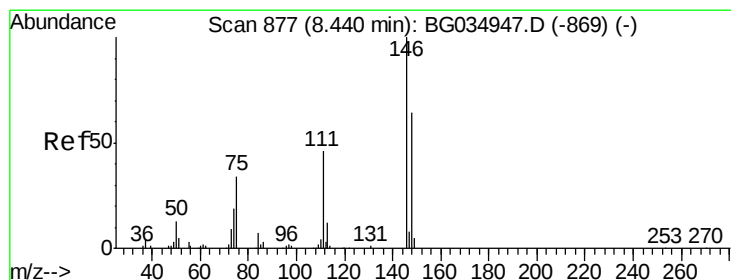
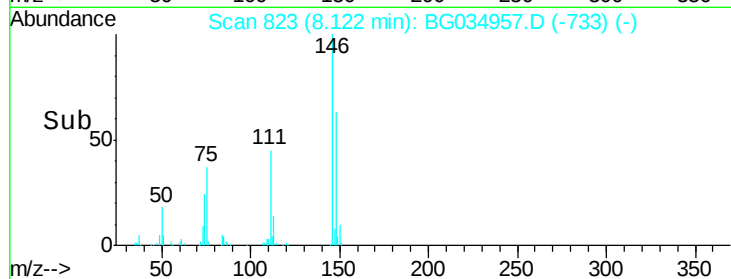
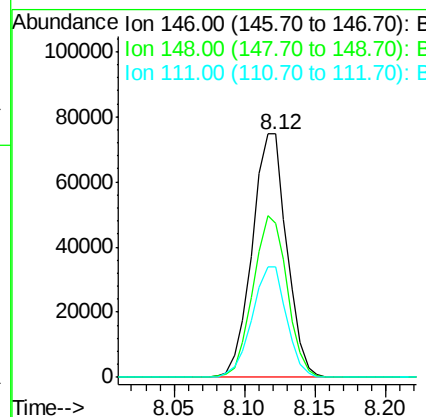
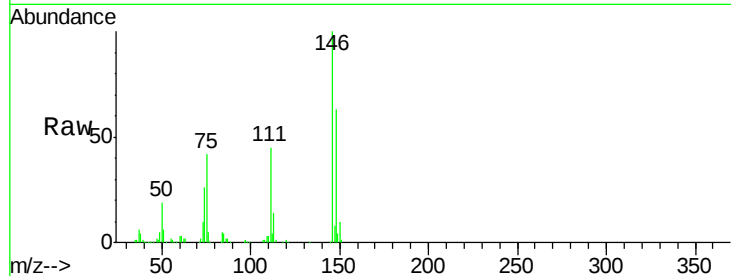
#13
 1,4-Dichlorobenzene
 Concen: 41.396 ng
 RT: 8.12 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.7	80.5
111	45.2	35.2	52.8

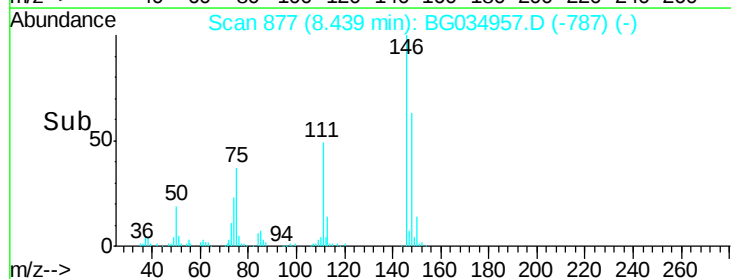
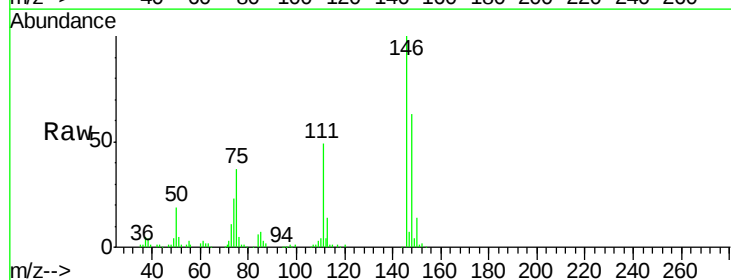
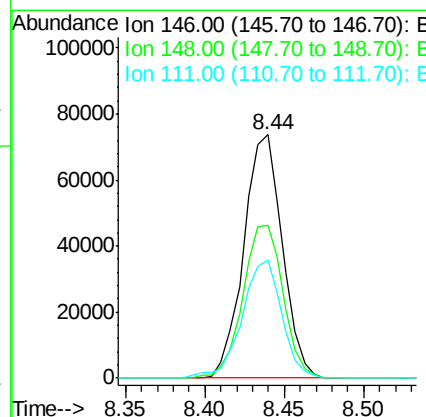
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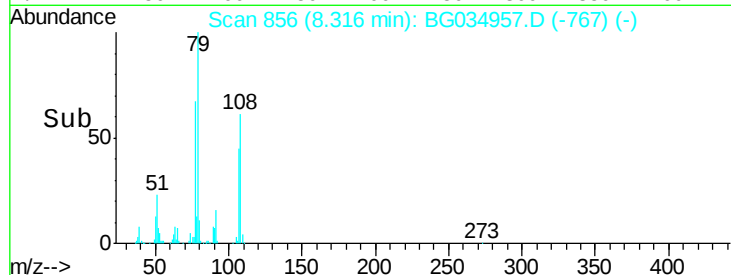
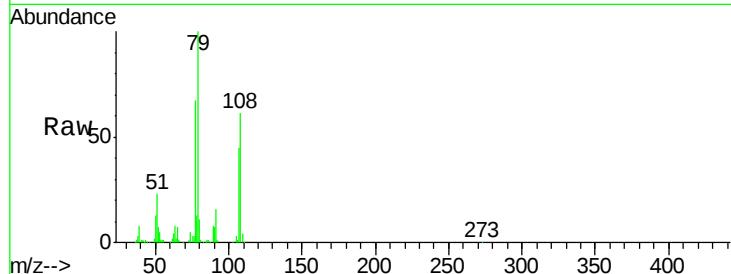
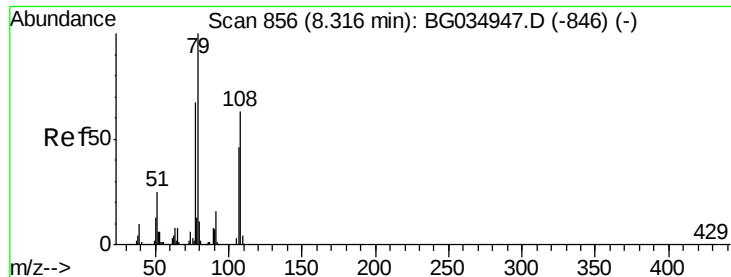
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#14
 1,2-Dichlorobenzene
 Concen: 42.504 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.3	73.9
111	48.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 43.927 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tot Ion:	79	Resp:	148078
Ion Ratio	Lower	Upper	
79	100		
108	60.7	57.2	85.8
77	66.6	46.1	69.1

Instrument :

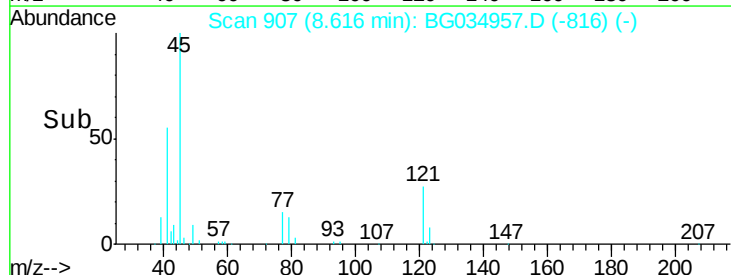
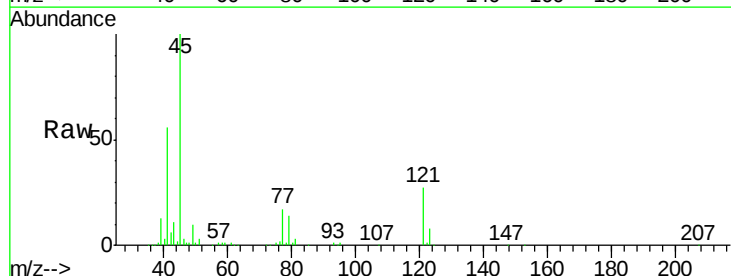
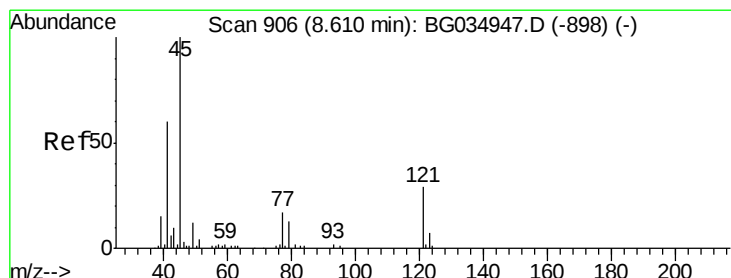
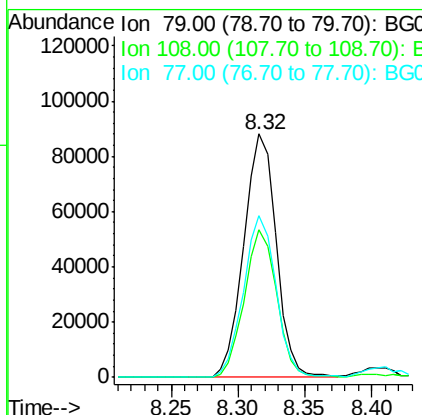
BNA_G

ClientSampleId :

HR-06-060518-AMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.838 ng

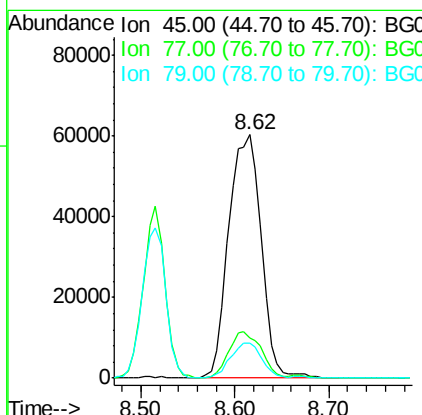
RT: 8.62 min Scan# 907

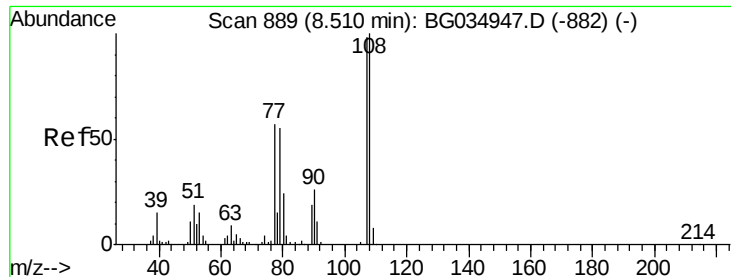
Delta R.T. 0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:	45	Resp:	144591
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	30.2
79	14.1	0.0	27.9





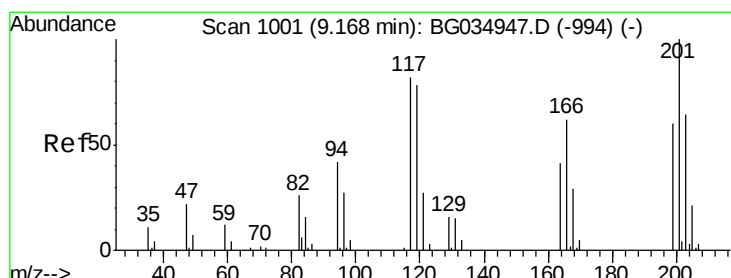
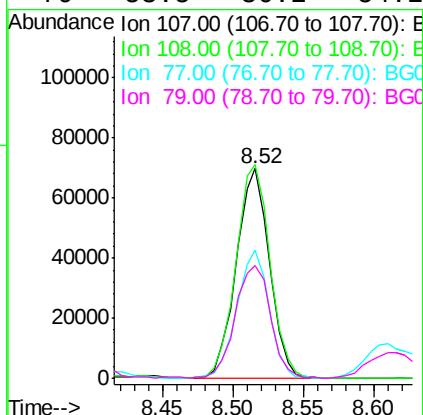
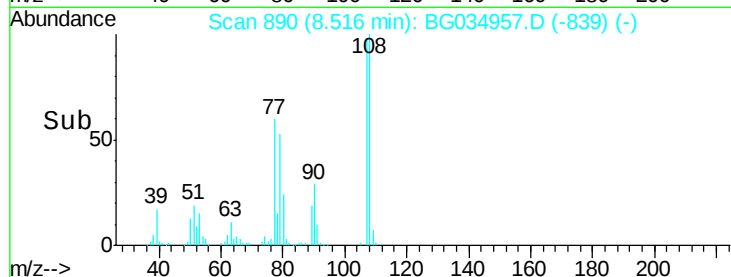
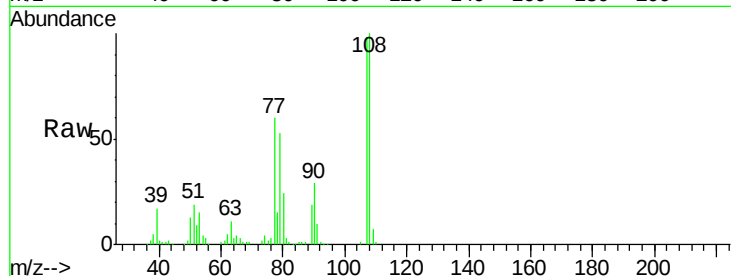
#17
2-Methylphenol
Concen: 47.044 ng
RT: 8.52 min Scan# 890
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	101.8	83.9	125.9	
77	61.1	37.2	55.8	
79	53.5	36.2	54.2	

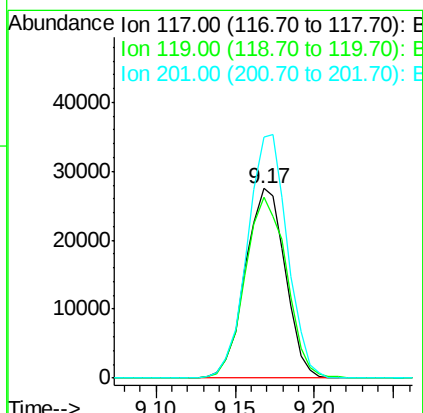
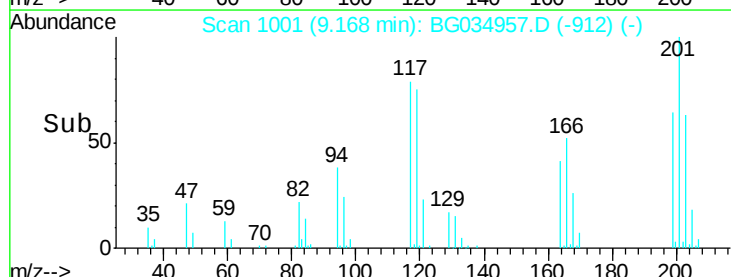
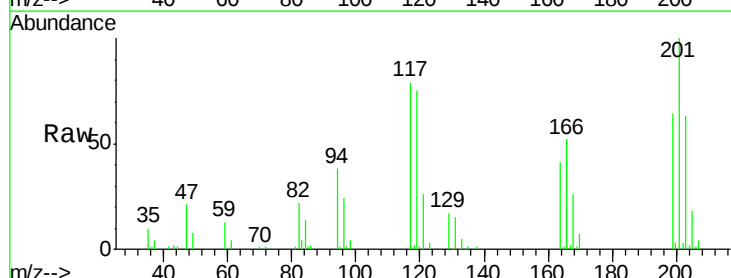
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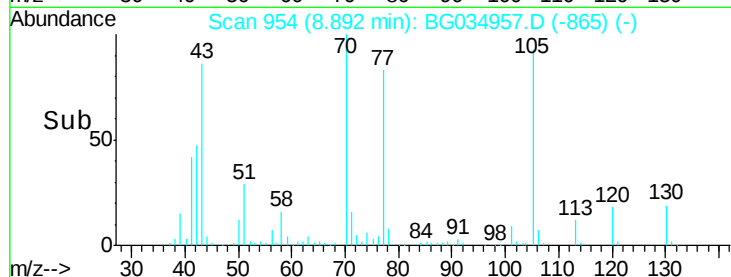
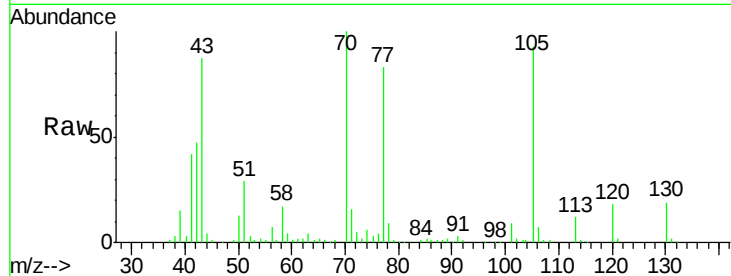
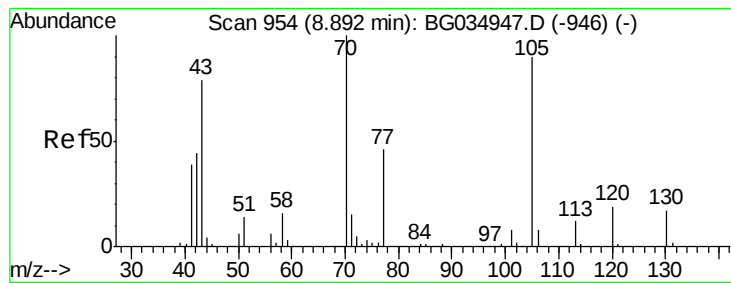
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#18
Hexachloroethane
Concen: 43.276 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.7	115.1	
201	126.9	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 39.648 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.3	49.1	73.7#		
101	9.3	8.5	12.7		
130	18.5	13.4	20.0		

Instrument :

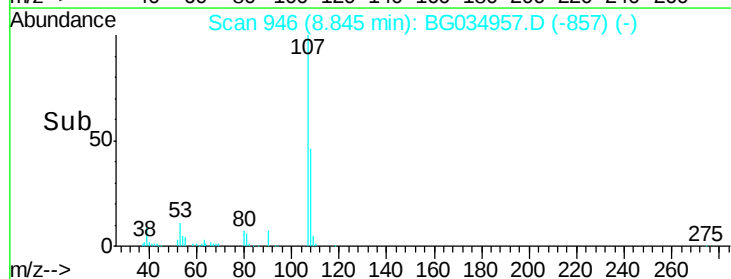
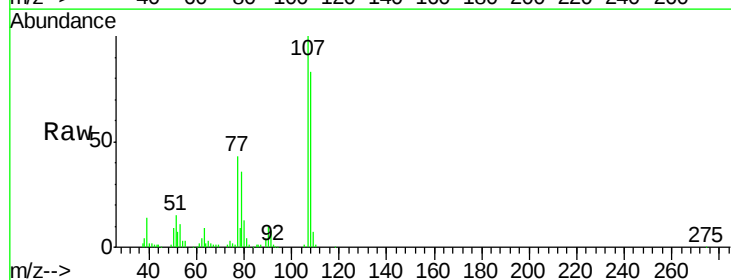
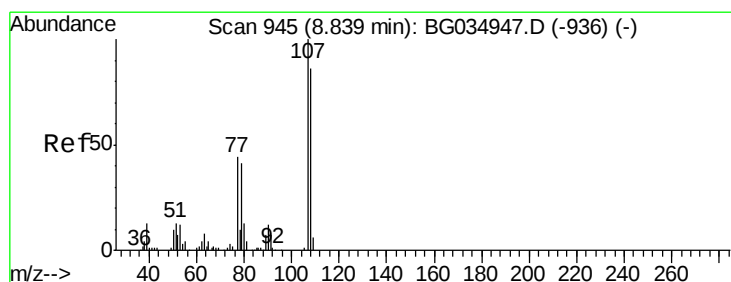
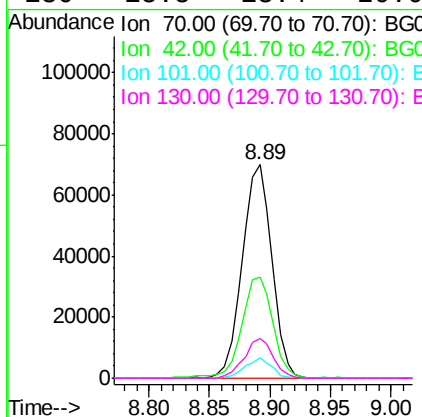
BNA_G

ClientSampleId :

HR-06-060518-AMS

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#20

3+4-Methylphenols

Concen: 44.267 ng

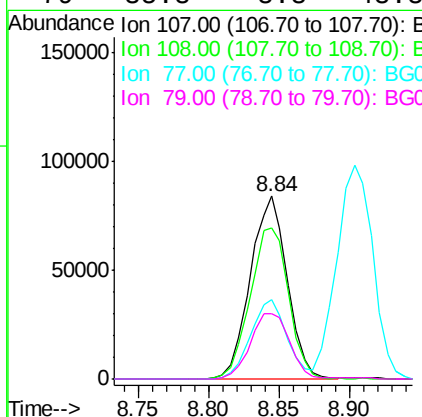
RT: 8.84 min Scan# 946

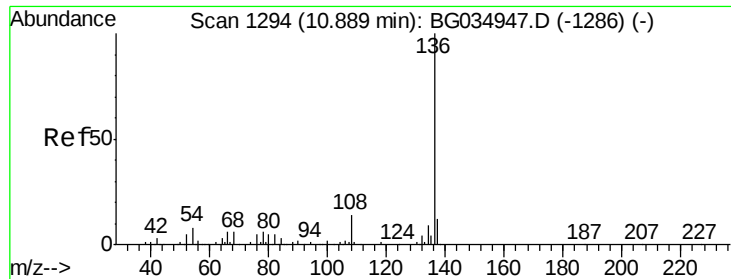
Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	83.0	61.6	101.6		
77	43.5	13.9	53.9		
79	35.8	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

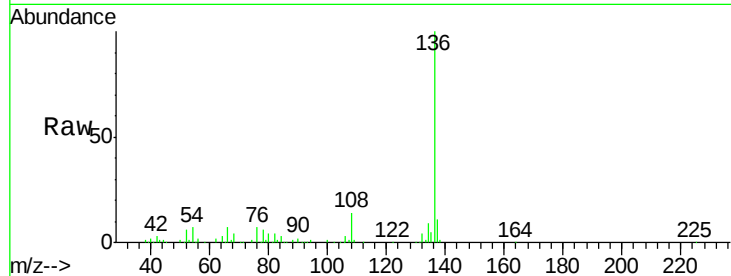
ClientSampleId :

HR-06-060518-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		153420		
137	11.0		9.2	13.8	
54	6.7		10.3	15.5	
68	4.5		4.5	6.7	

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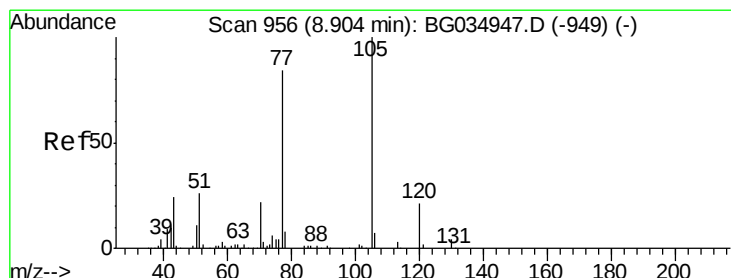
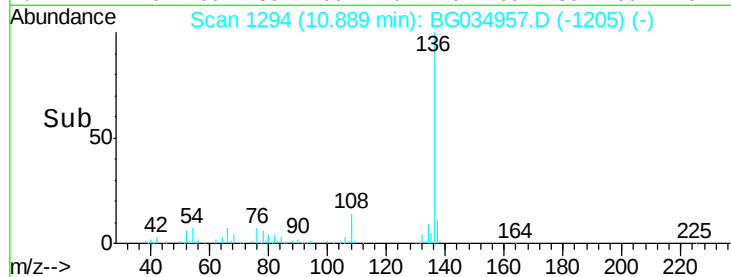
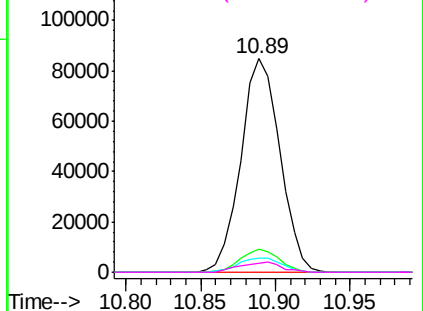
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.373 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		206128		
71	4.5		3.0	4.4	
51	26.5		26.1	39.1	
120	19.4		17.4	26.2	

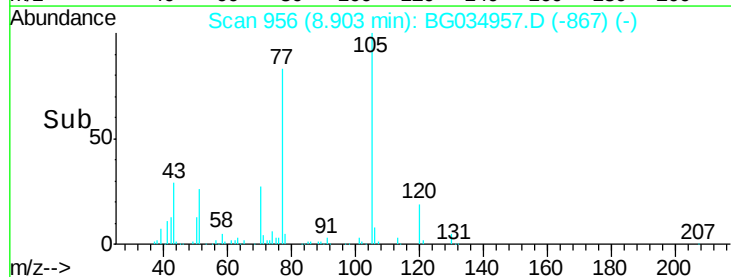
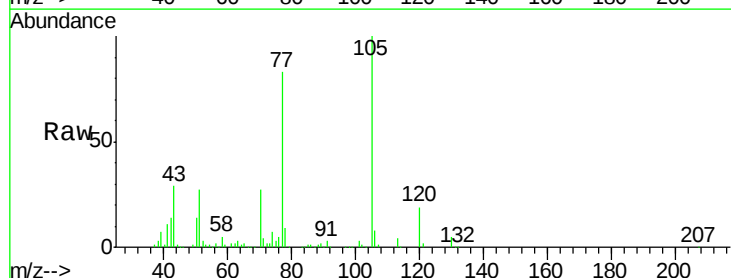
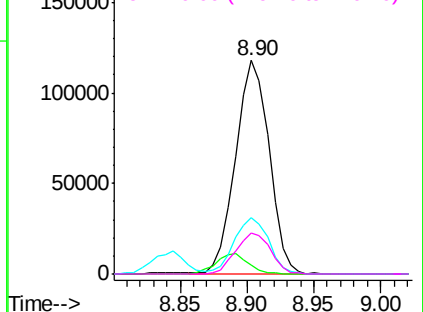
Abundance

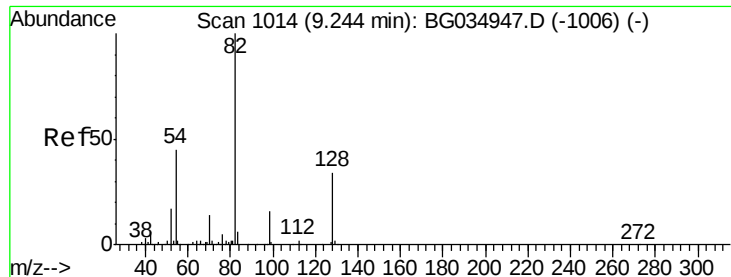
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





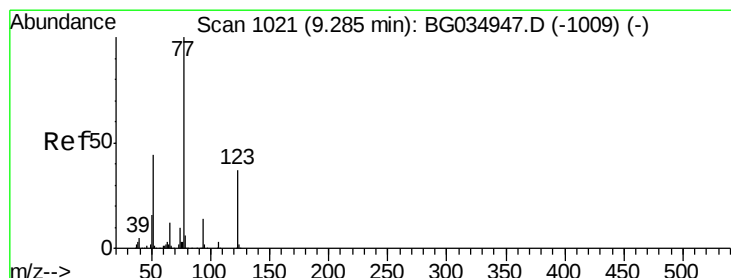
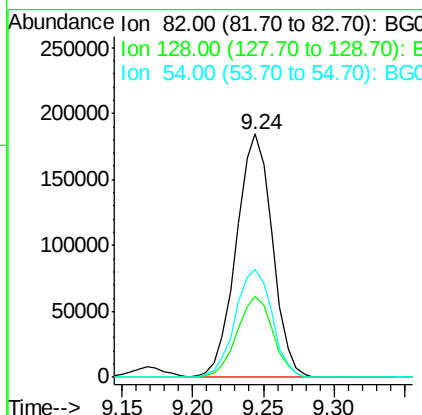
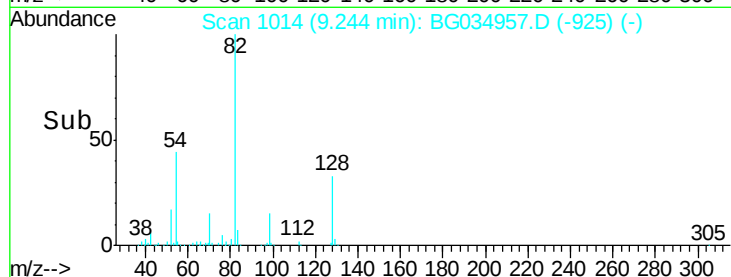
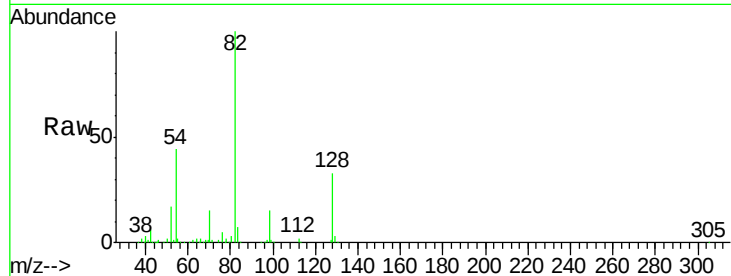
#23
 Nitrobenzene-d5
 Concen: 102.321 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	29.7	44.5
54	44.1	43.1	64.7

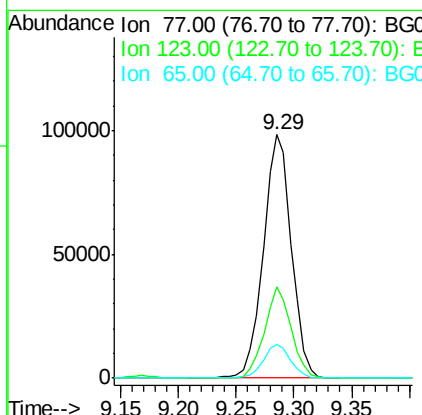
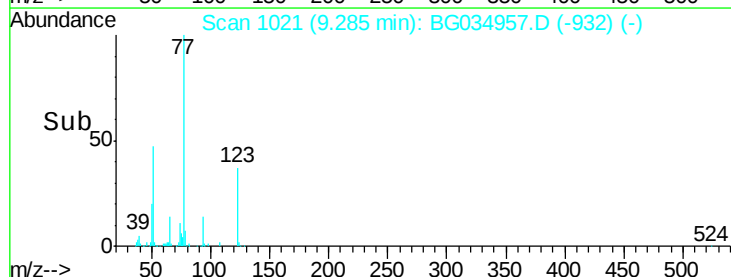
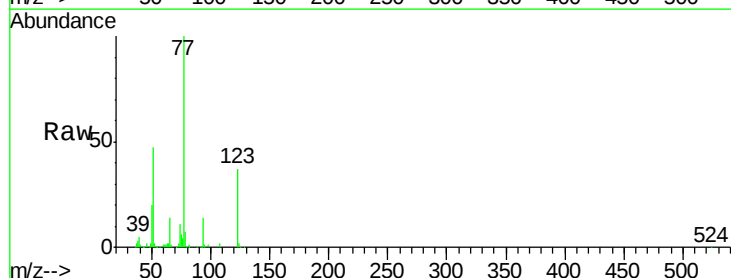
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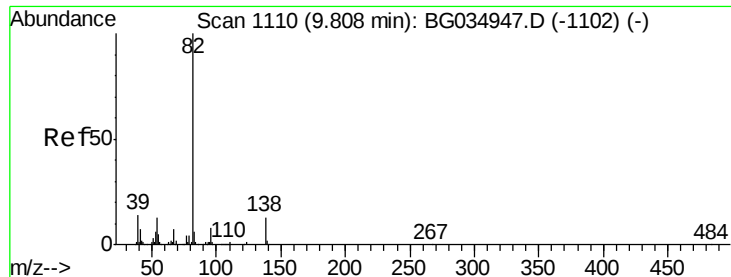
Sohil
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#24
 Nitrobenzene
 Concen: 50.267 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	33.0	49.6
65	13.9	13.0	19.6





#25

Isophorone

Concen: 48.672 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

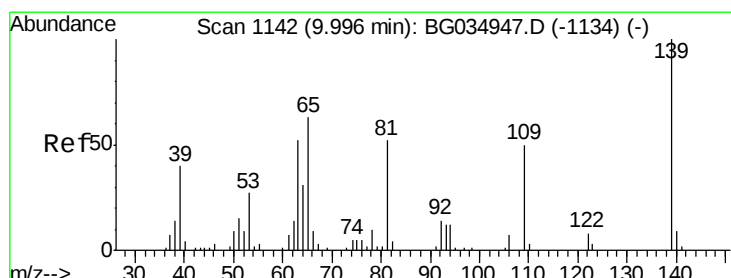
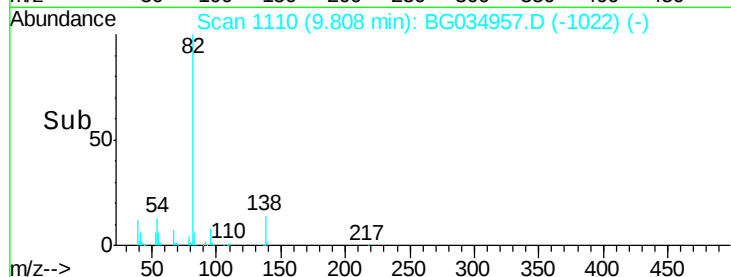
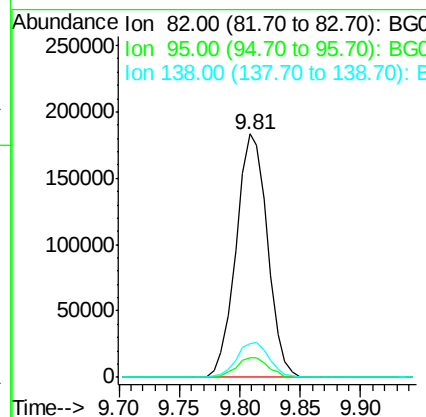
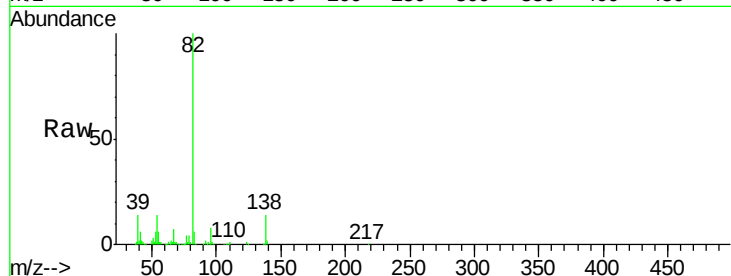
ClientSampleId :

HR-06-060518-AMS

Tot Ion:	82	Resp:	331669
Ion Ratio		Lower	Upper
82	100		
95	7.9	6.2	9.2
138	13.7	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.248 ng

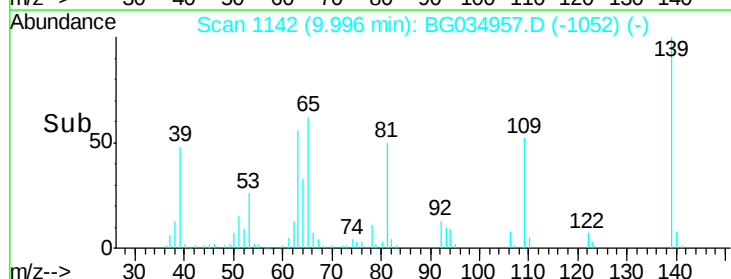
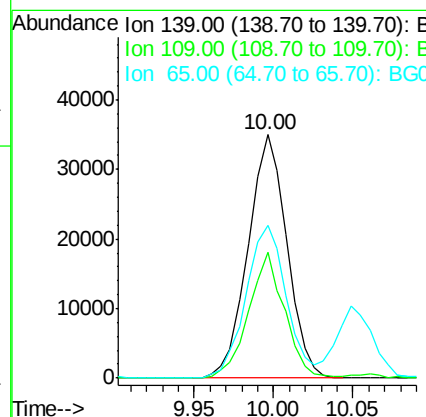
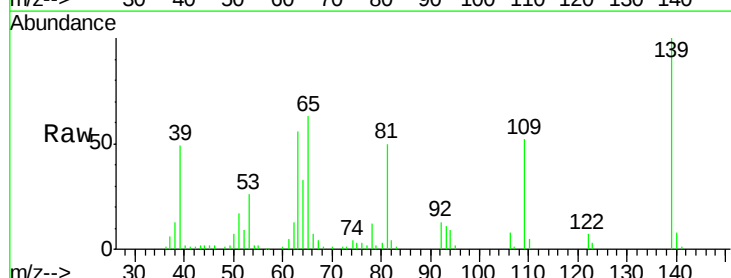
RT: 10.00 min Scan# 1142

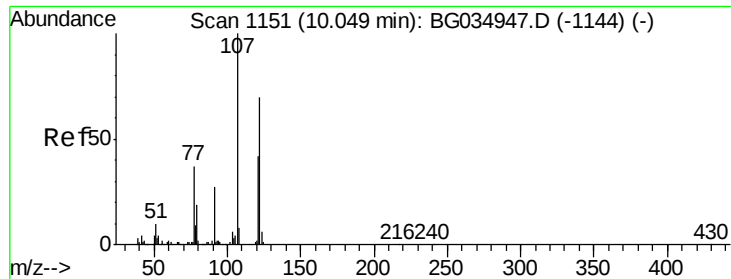
Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:	139	Resp:	59522
Ion Ratio		Lower	Upper
139	100		
109	51.7	24.2	36.2#
65	62.6	47.4	71.0





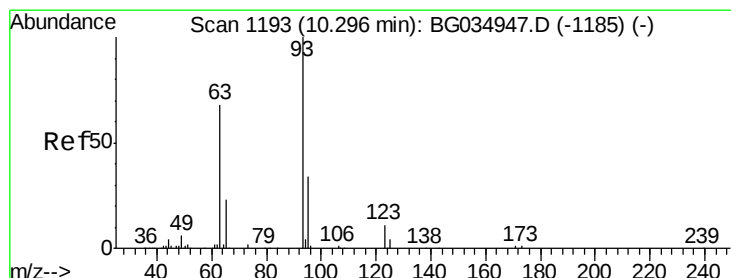
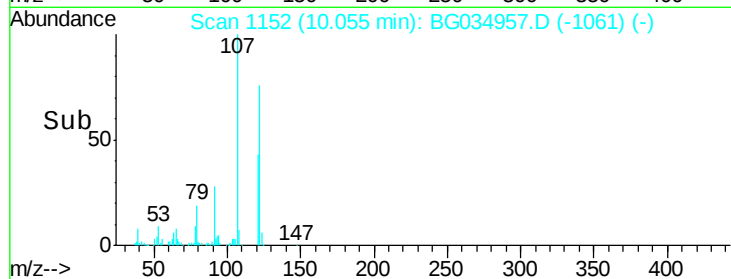
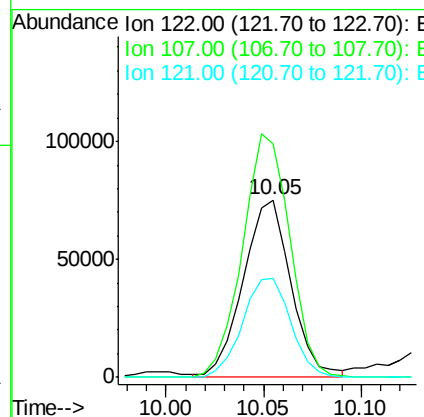
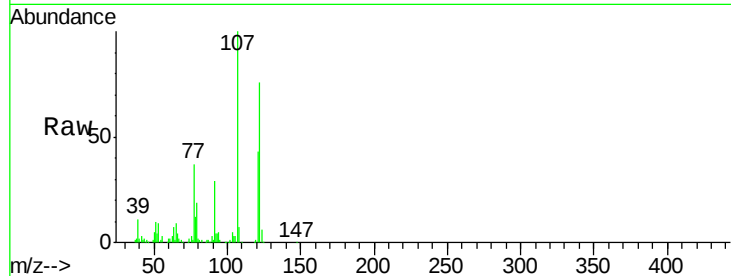
#27
2,4-Dimethylphenol
Concen: 53.300 ng
RT: 10.05 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	100.2	150.2
121	56.2	44.4	66.6

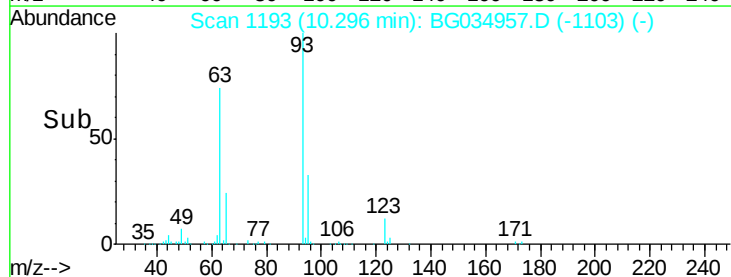
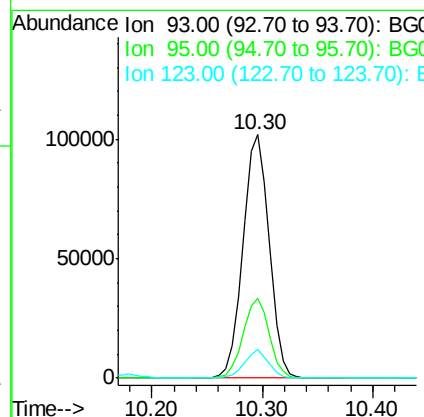
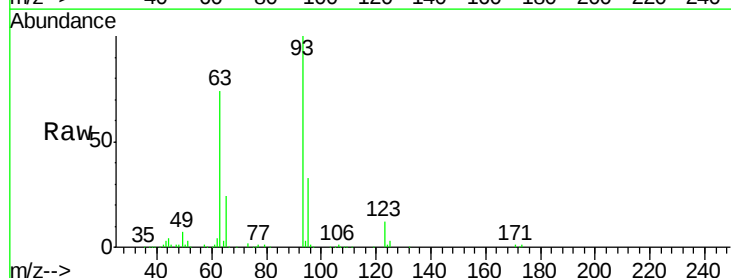
Manual Integrations
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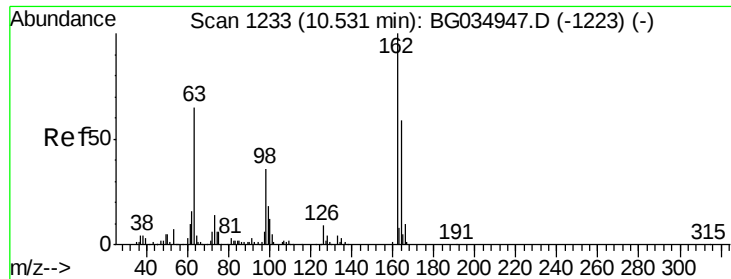
Sohil
6/8/2018 4:44:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.372 ng
RT: 10.30 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	11.7	8.4	12.6





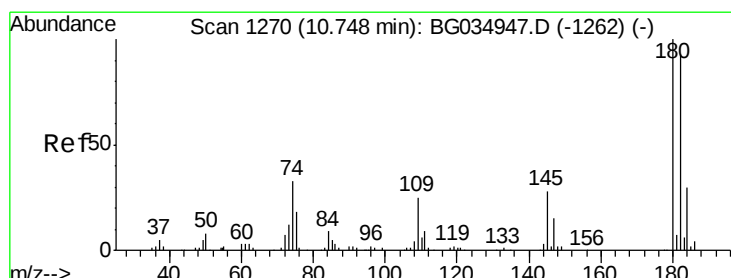
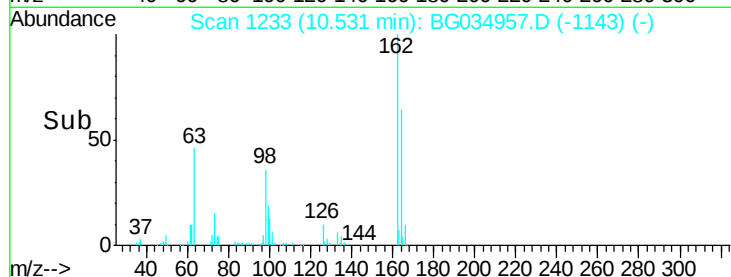
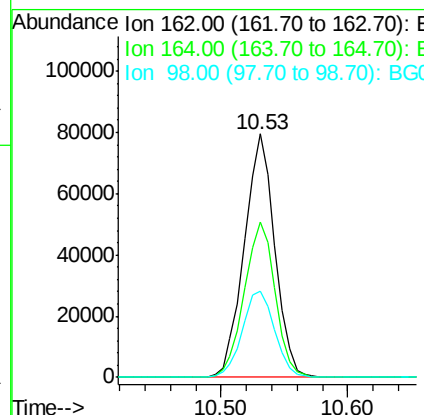
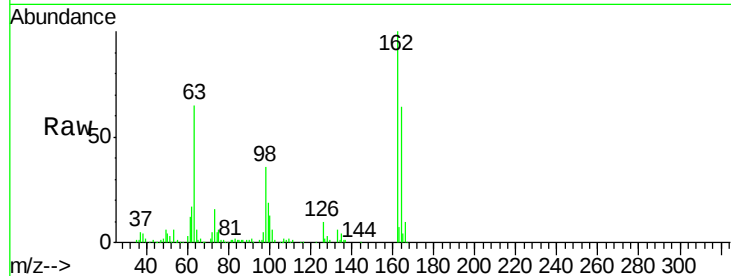
#29
2,4-Dichlorophenol
Concen: 50.971 ng
RT: 10.53 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.7	48.0	88.0	
98	35.6	21.1	61.1	

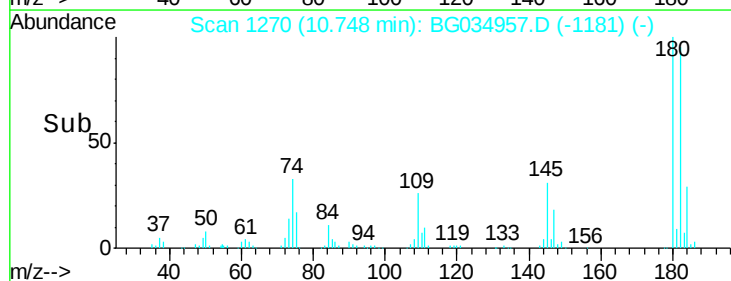
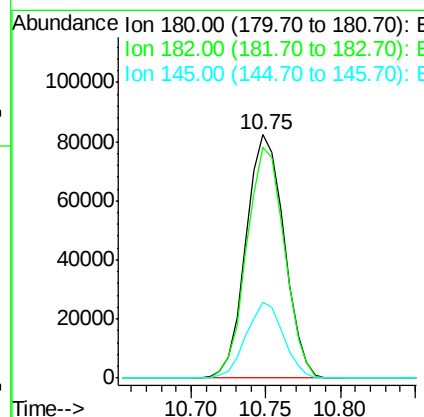
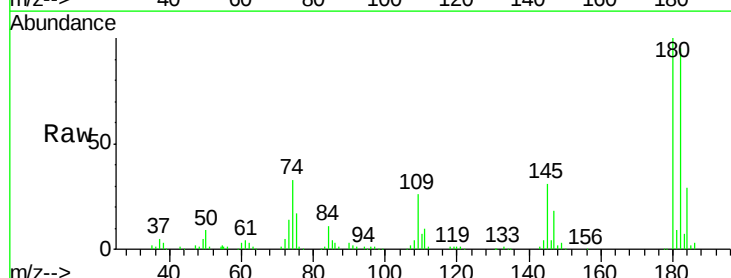
Manual Integrations
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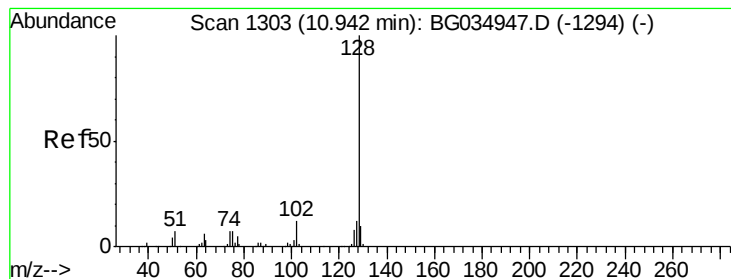
Sohil
6/8/2018 4:44:52 PM



#30
1,2,4-Trichlorobenzene
Concen: 46.571 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	77.5	116.3	
145	31.2	23.4	35.2	





#31

Naphthalene

Concen: 46.008 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

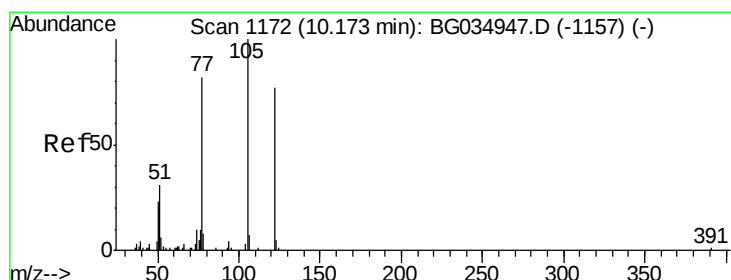
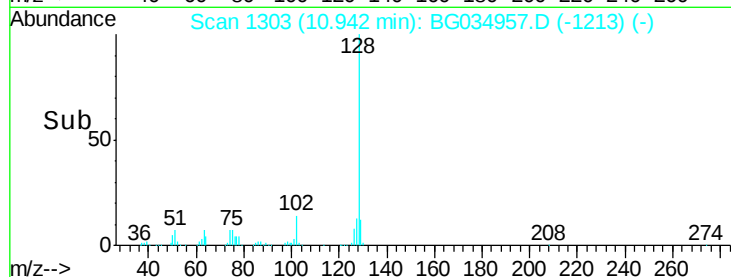
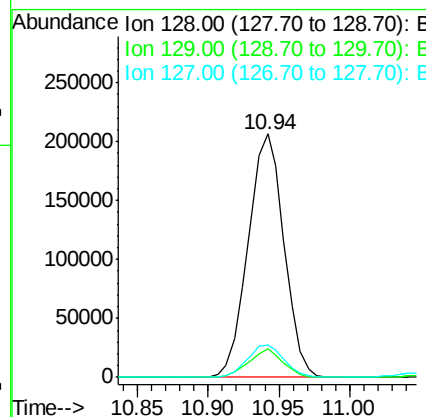
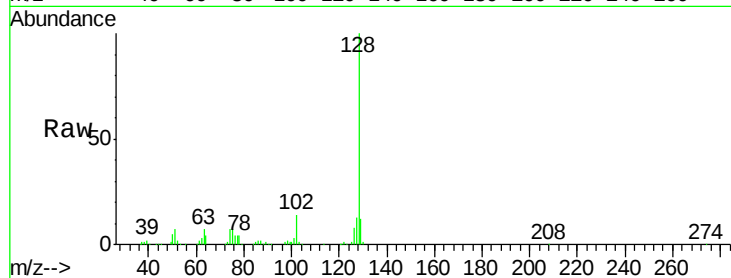
ClientSampleId :

HR-06-060518-AMS

Tot Ion:	128	Resp:	366686
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.6	12.8
127	13.3	11.6	17.4

Manual Integrations
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#32

Benzoic acid

Concen: 48.289 ng

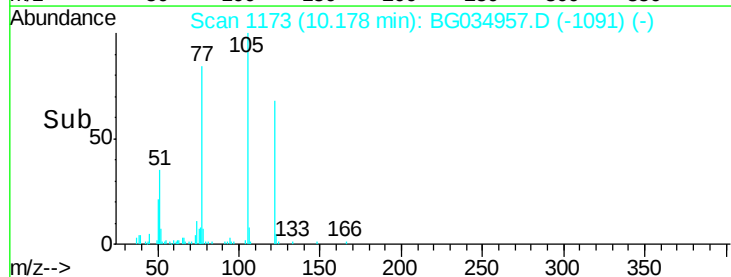
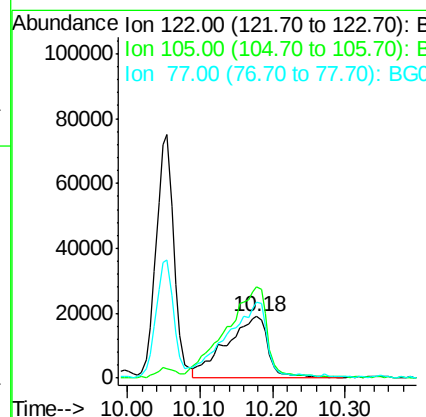
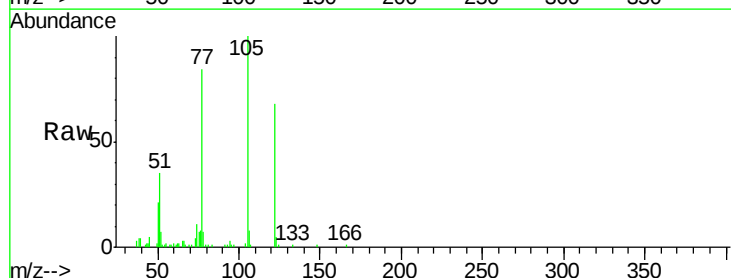
RT: 10.18 min Scan# 1173

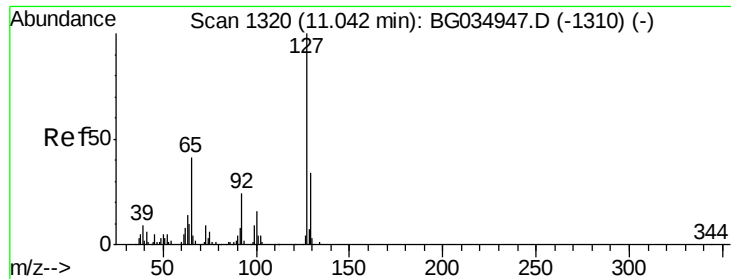
Delta R.T. -0.05 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:	122	Resp:	77452
Ion Ratio	Lower	Upper	
122	100		
105	148.0	123.5	163.5
77	124.1	85.7	125.7





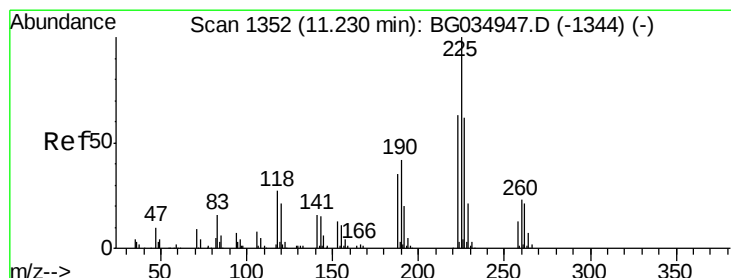
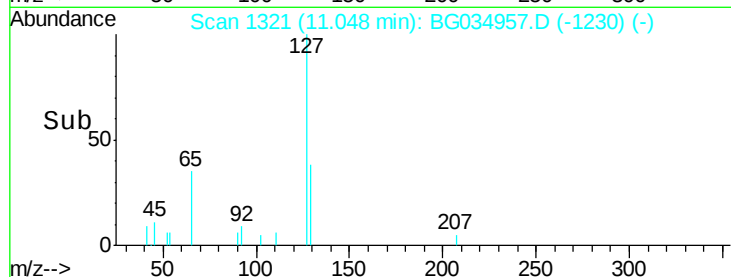
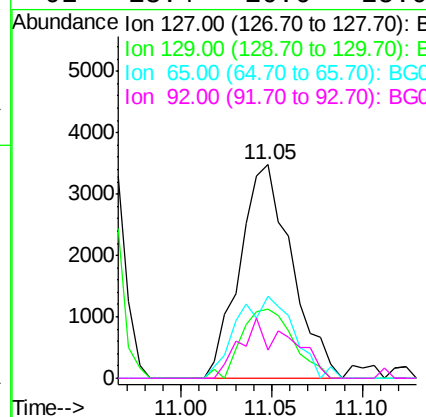
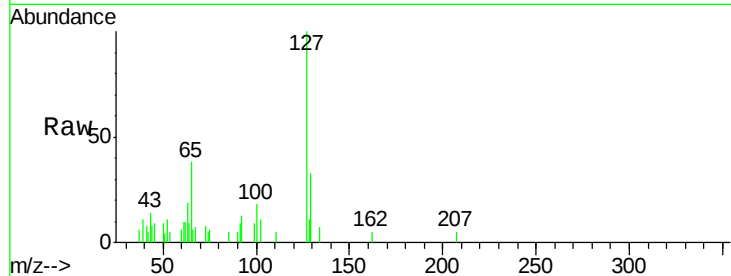
#33
4-Chloroaniline
Concen: 2.002 ng
RT: 11.05 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion:	127	Resp:	6929
Ion Ratio	Lower	Upper	
127	100		
129	32.6	24.0	36.0
65	38.3	27.0	40.4
92	13.4	16.6	25.0

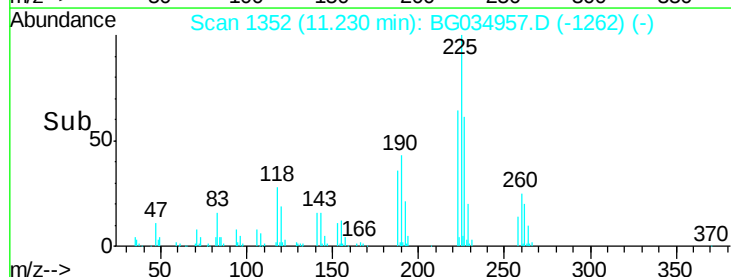
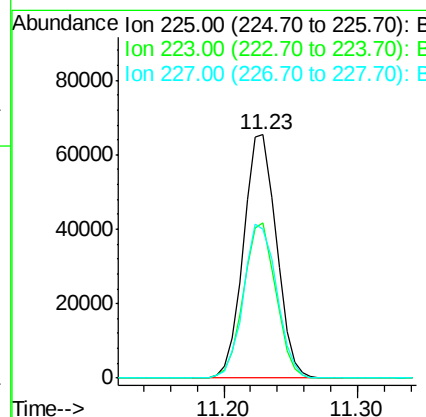
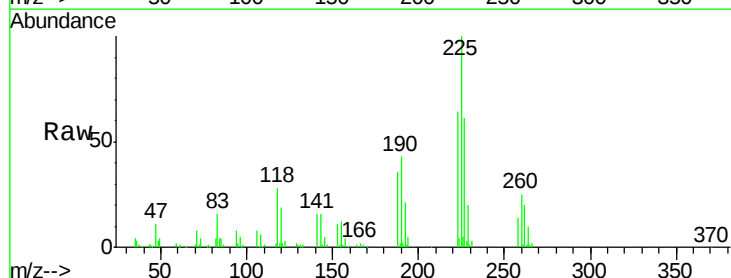
Manual Integrations
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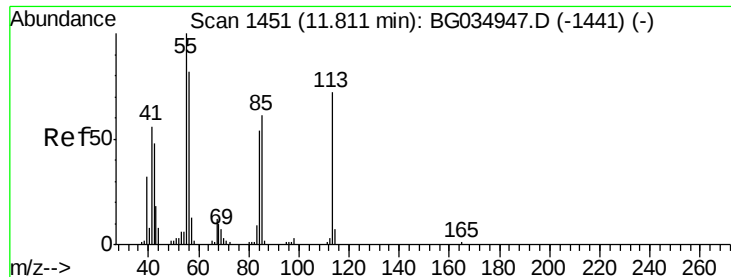
Sohil
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#34
Hexachlorobutadiene
Concen: 45.745 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion:	225	Resp:	111151
Ion Ratio	Lower	Upper	
225	100		
223	63.8	49.7	74.5
227	61.1	48.1	72.1





#35

Caprolactam

Concen: 38.114 ng/ml

RT: 11.82 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMS

Tot Ion:113 Resp: 36701

Ion Ratio Lower Upper

113 100

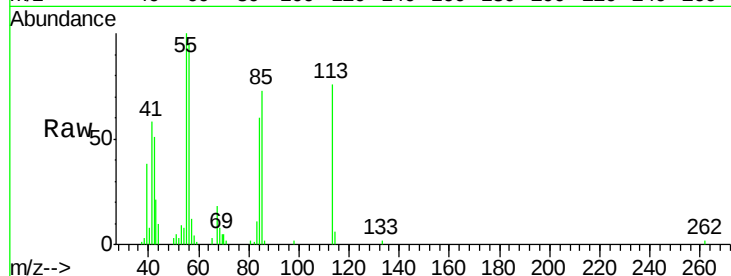
55 131.5 186.9 226.9#

56 125.5 130.9 170.9#

Manual Integrations
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Sohil

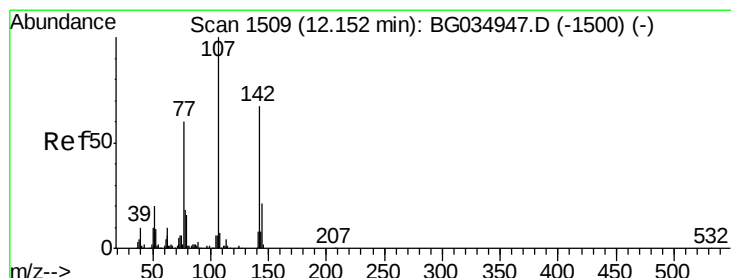
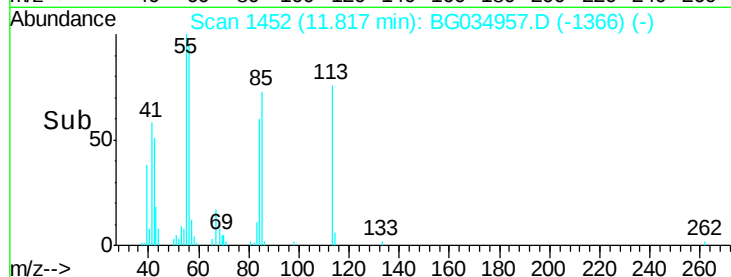
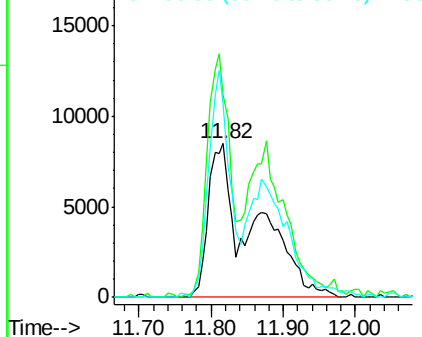
6/8/2018 4:44:52 PM



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: 50.151 ng/ml

RT: 12.15 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

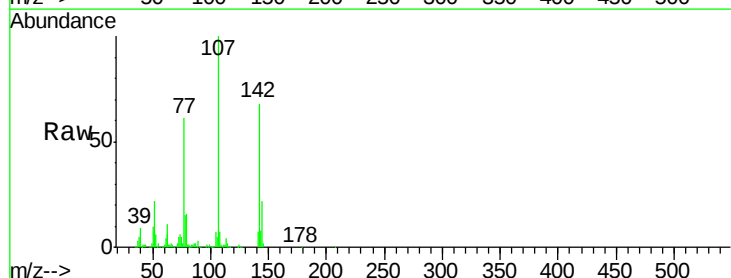
Tgt Ion:107 Resp: 162886

Ion Ratio Lower Upper

107 100

144 21.9 18.2 27.4

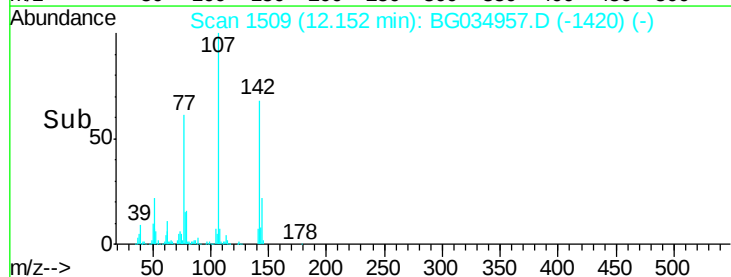
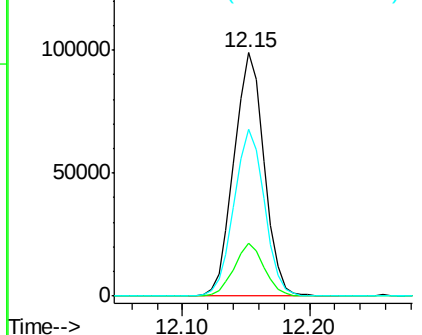
142 68.3 59.0 88.4

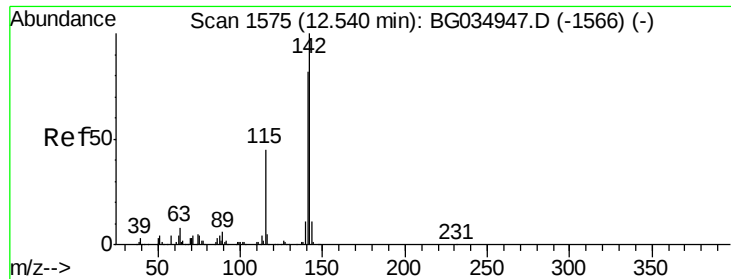


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





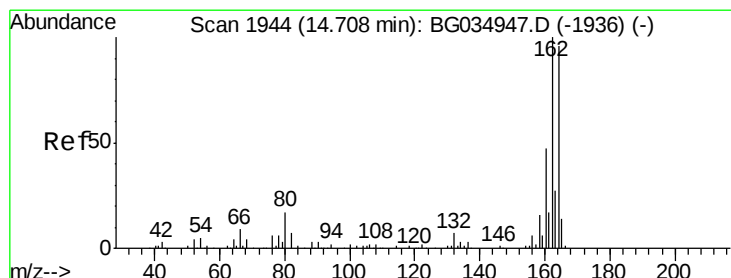
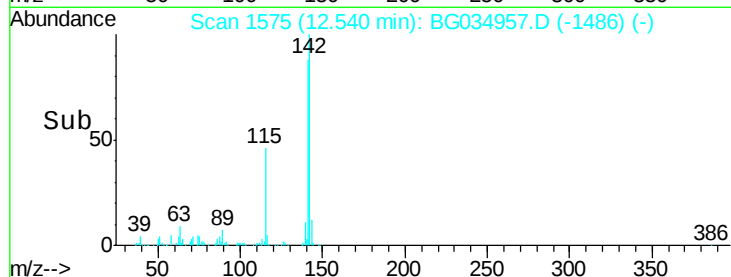
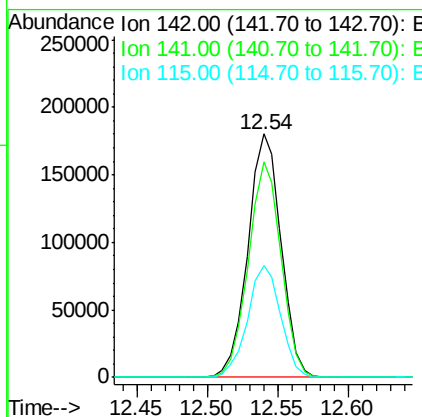
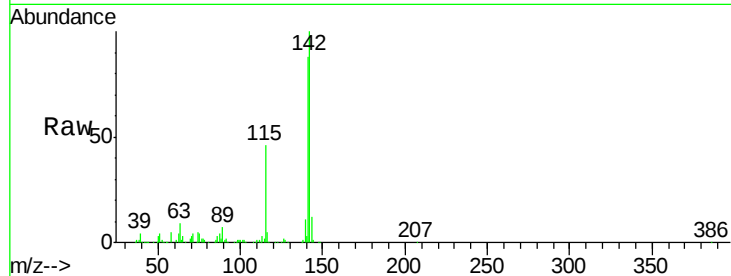
#37
2-Methylnaphthalene
Concen: 49.129 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	67.1	100.7
115	45.9	30.7	46.1

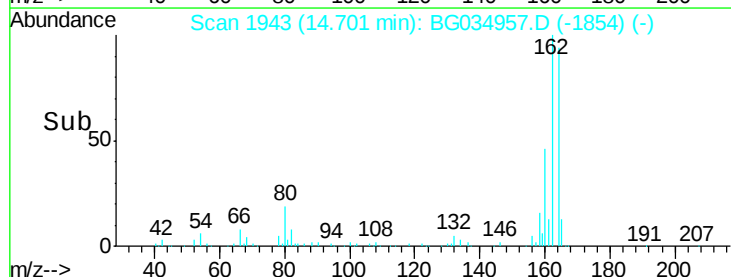
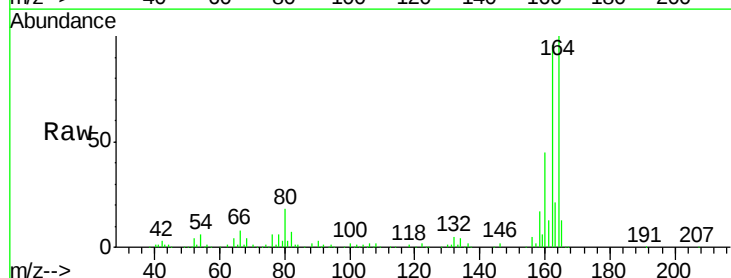
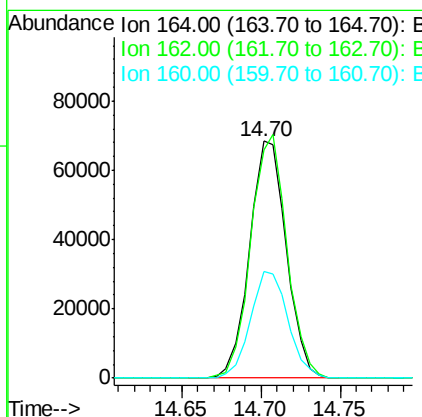
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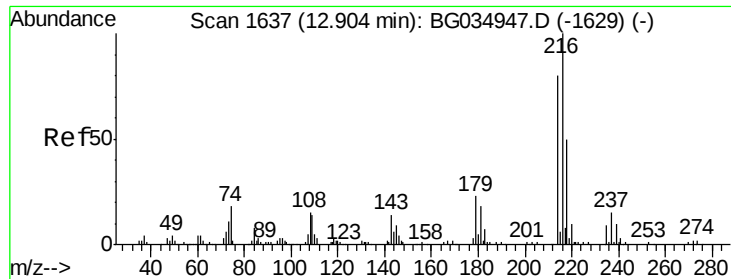
Sohil
6/8/2018 4:44:52 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	78.8	118.2
160	44.8	35.4	53.0





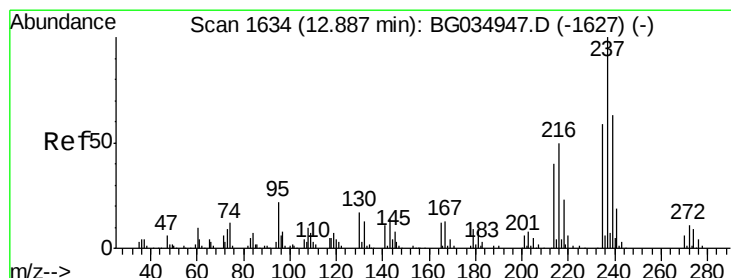
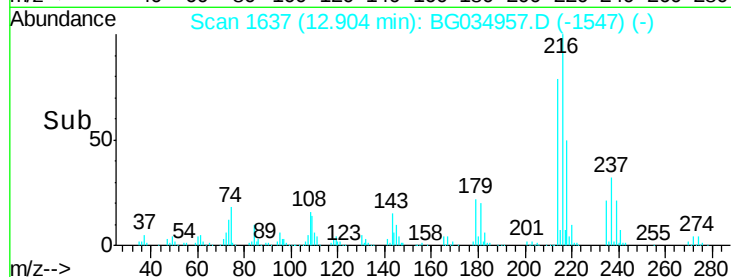
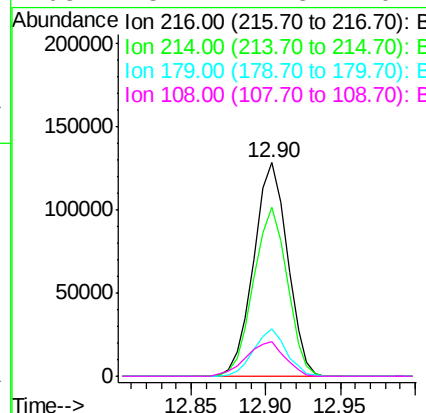
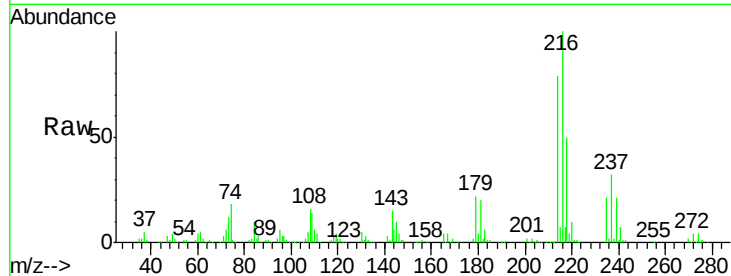
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.097 ng
 RT: 12.90 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.8		63.0	94.4	
179	21.3		17.0	25.6	
108	18.7		12.8	19.2	

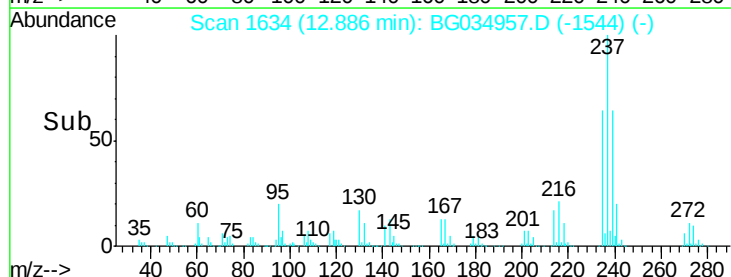
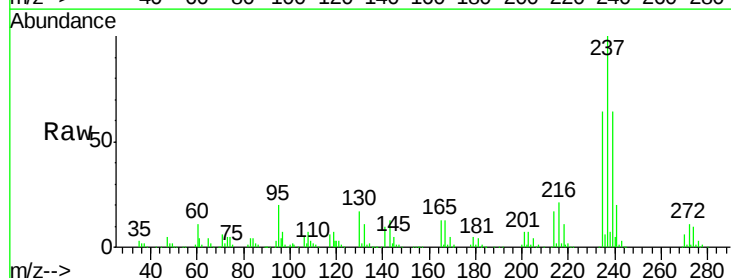
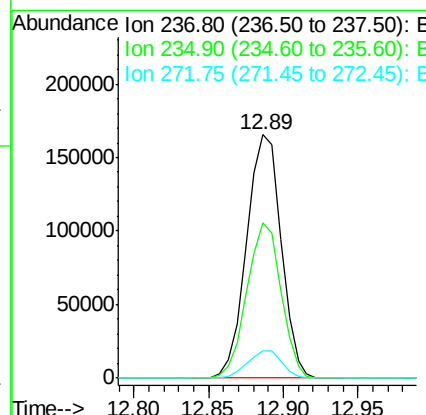
Manual Integrations
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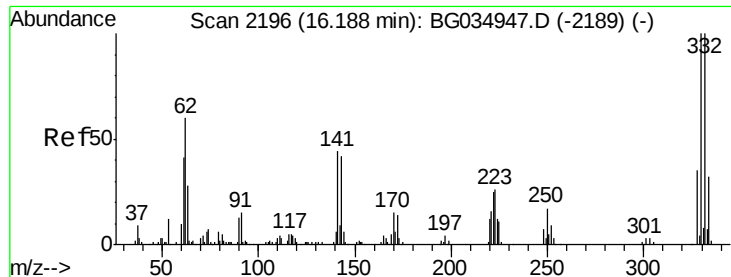
Sohil
 6/8/2018 4:44:52 PM



#40
 Hexachlorocyclopentadiene
 Concen: 102.949 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.9		50.4	90.4	
272	11.4		0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 149.516 ng

RT: 16.19 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMS

Tot Ion:330 Resp: 210363

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

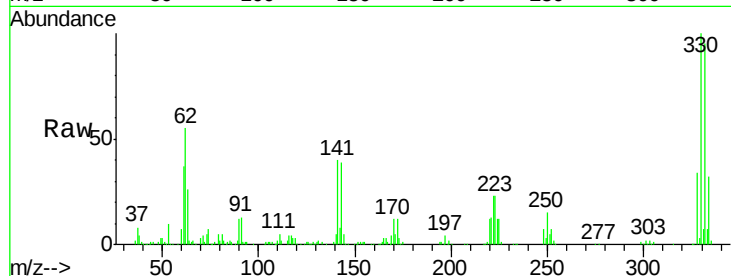
141 42.5 25.2 37.8#

Manual Integrations

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Sohil

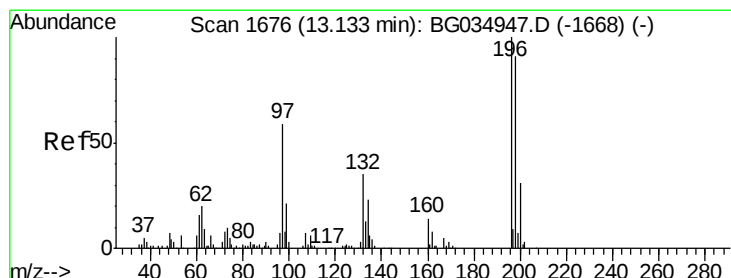
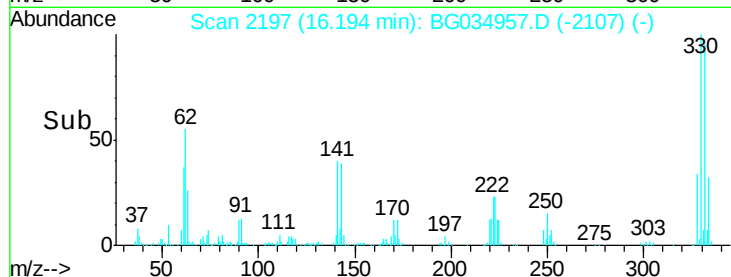
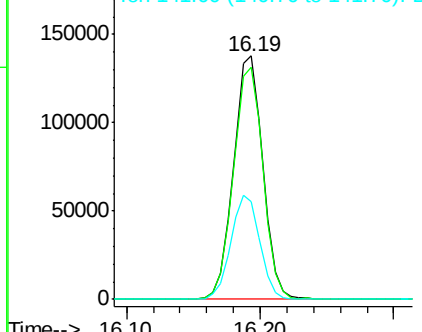
6/8/2018 4:44:52 PM



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: 48.559 ng

RT: 13.14 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

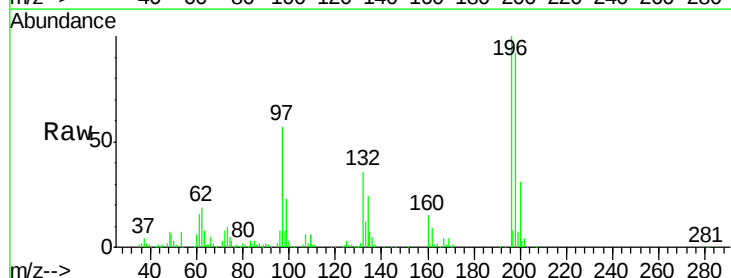
Tgt Ion:196 Resp: 119034

Ion Ratio Lower Upper

196 100

198 91.5 78.2 117.2

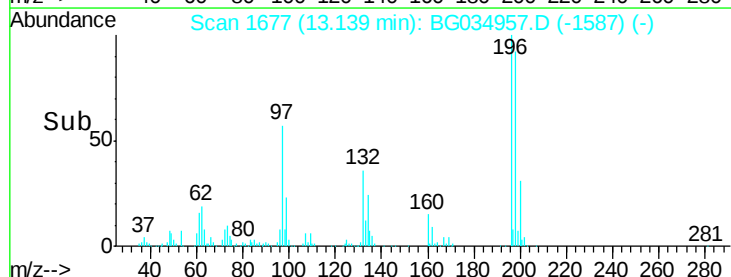
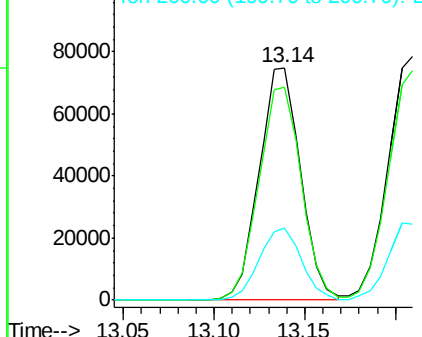
200 31.1 24.6 36.8

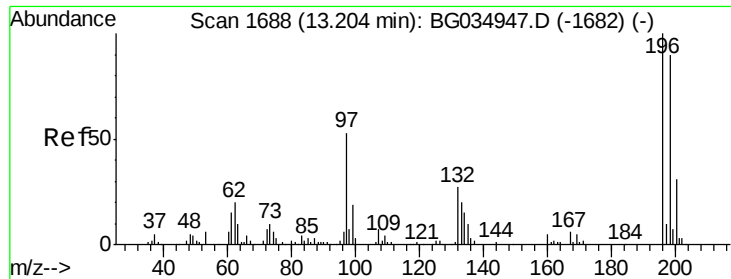


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





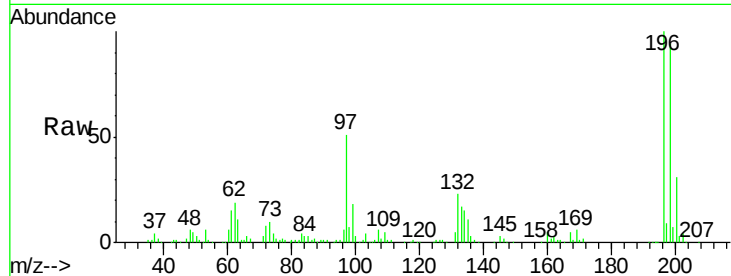
#43
 2,4,5-Trichlorophenol
 Concen: 48.277 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129890		
198	94.0	76.2	114.4	
97	51.0	38.7	58.1	
132	23.1	20.2	30.2	

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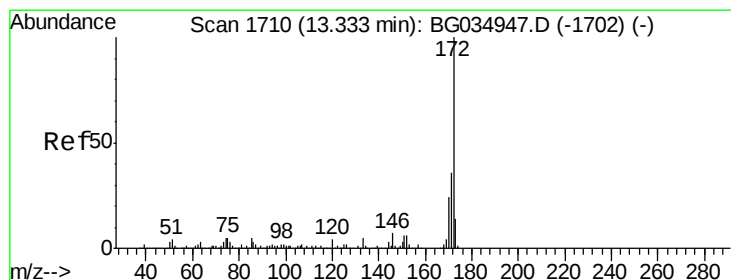
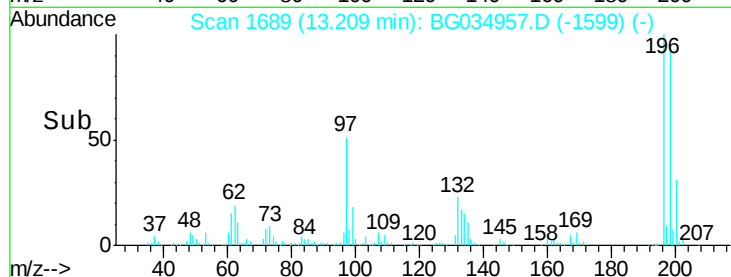
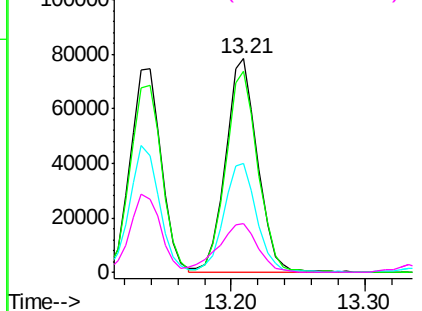
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

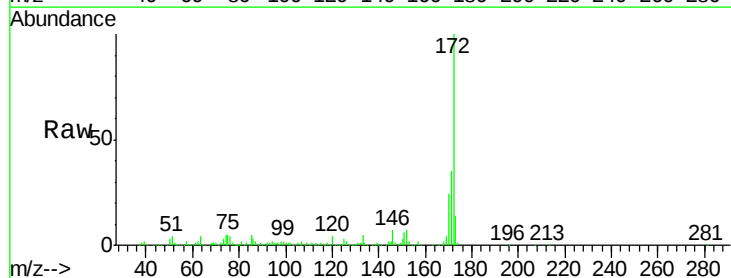
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.377 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	721818		
171	34.7	30.0	45.0	
170	23.5	19.5	29.3	

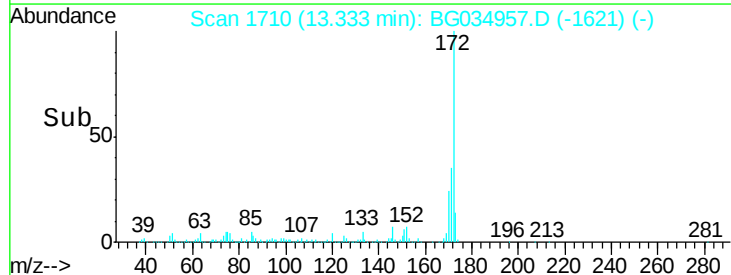
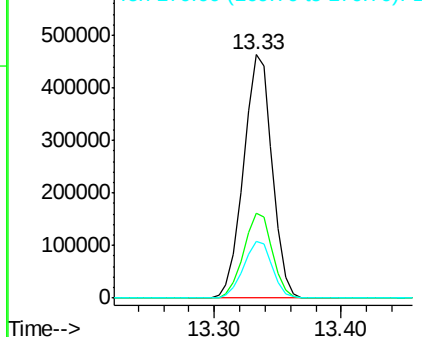


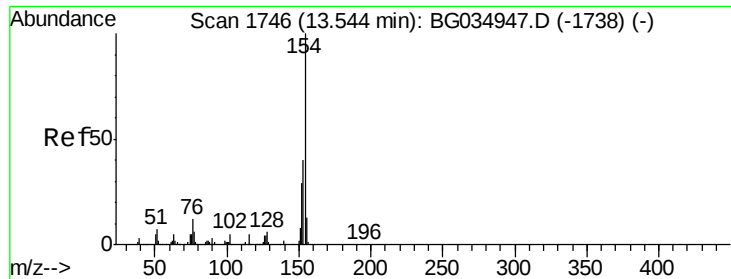
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





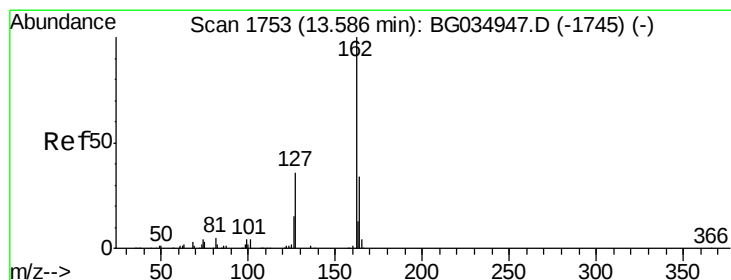
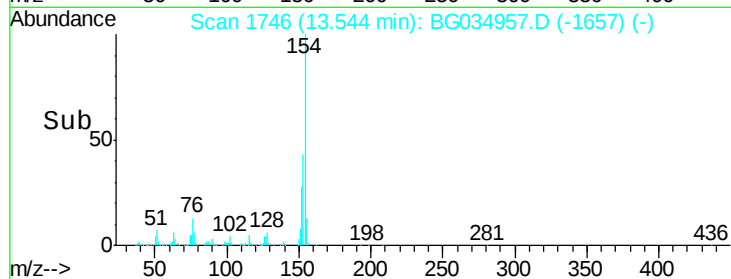
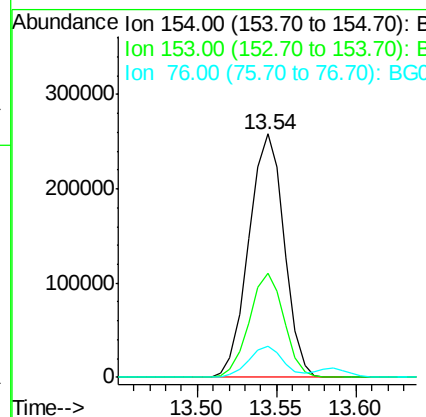
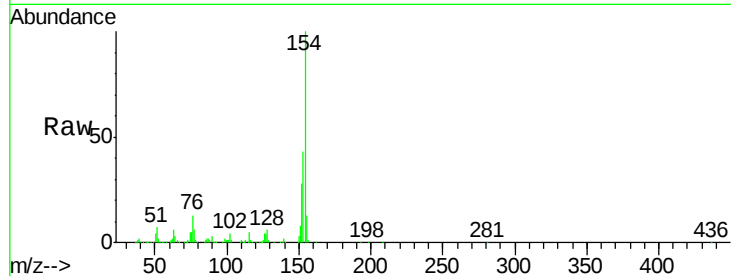
#45
 1,1'-Biphenyl
 Concen: 45.335 ng
 RT: 13.54 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.7	19.8	59.8
76	12.6	0.0	31.9

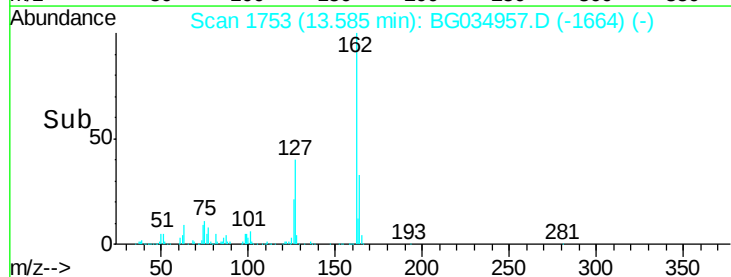
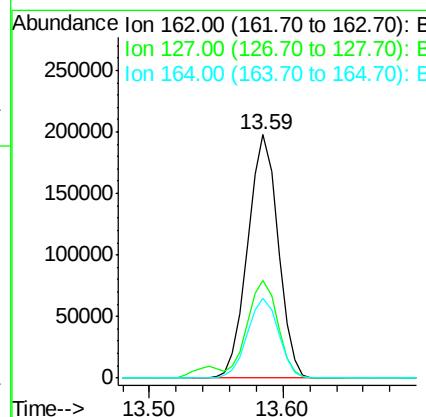
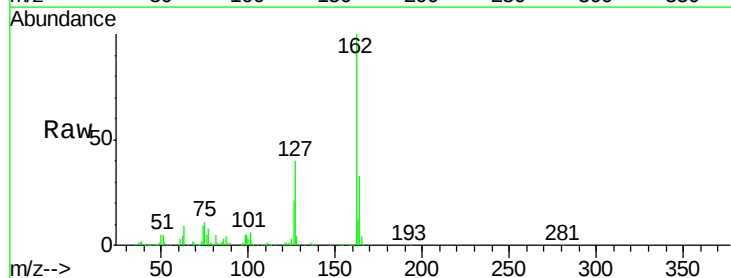
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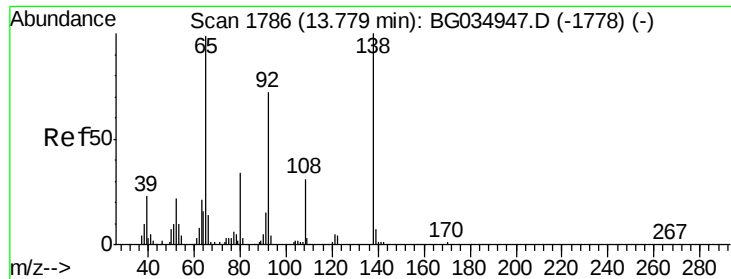
Sohil
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#46
 2-Chloronaphthalene
 Concen: 46.357 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	32.7	26.0	39.0





#47

2-Nitroaniline

Concen: 47.550 ng

RT: 13.78 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

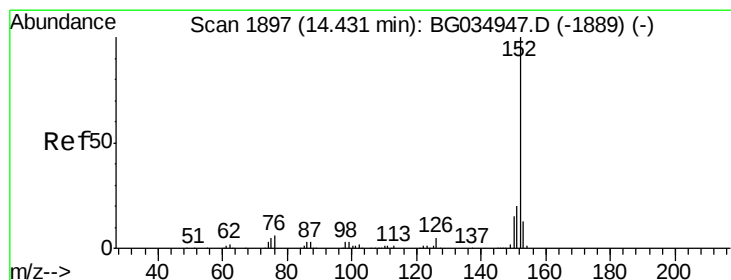
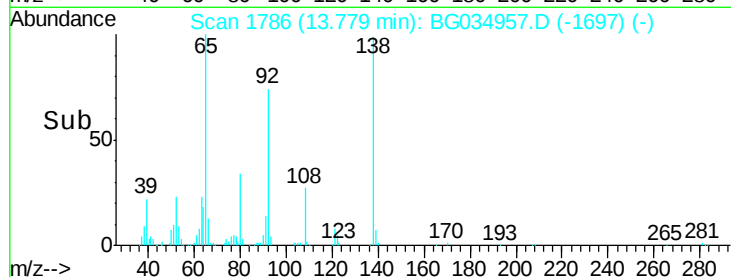
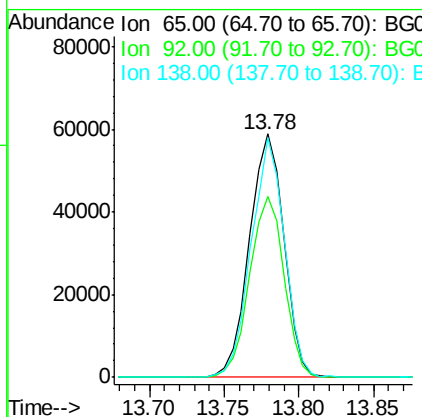
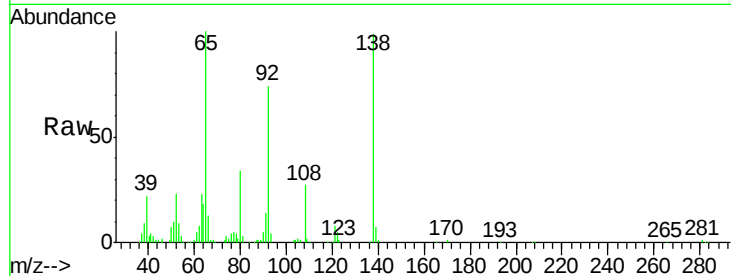
ClientSampleId :

HR-06-060518-AMS

Tot Ion:	65	Resp:	93820
Ion	Ratio	Lower	Upper
65	100		
92	74.3	54.6	82.0
138	98.6	72.9	109.3

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#48

Acenaphthylene

Concen: 45.698 ng

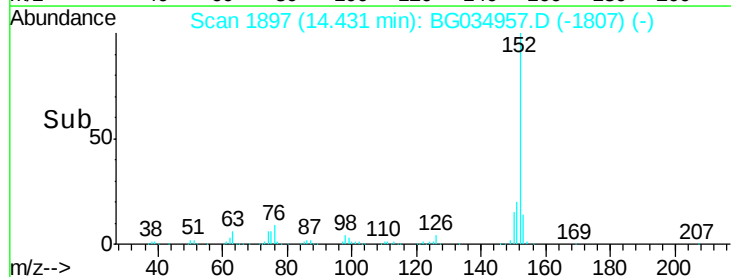
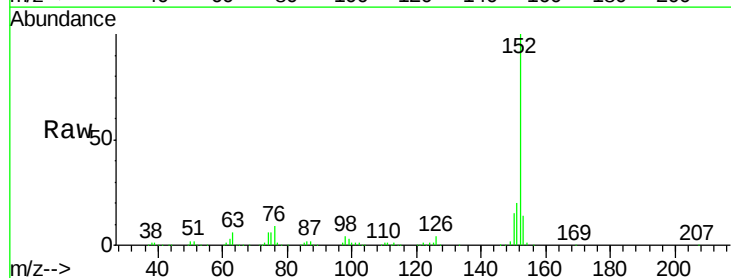
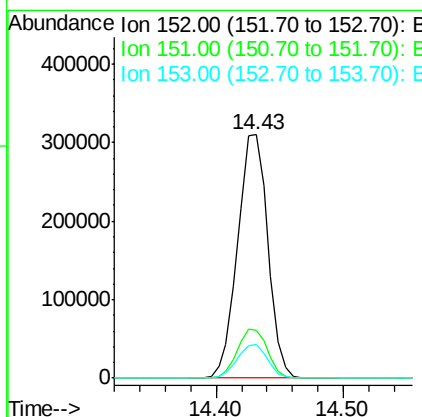
RT: 14.43 min Scan# 1897

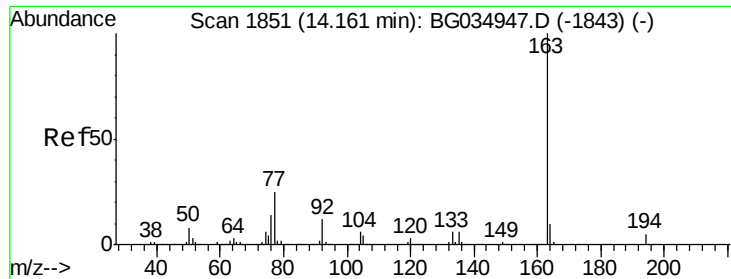
Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:	152	Resp:	512003
Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.2	25.8
153	13.6	10.2	15.4





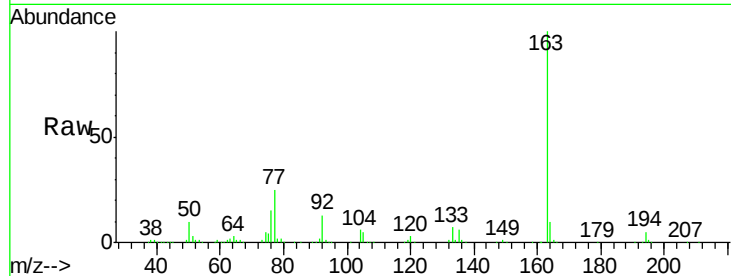
#49
Dimethylphthalate
Concen: 43.335 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.3	8.2	12.4

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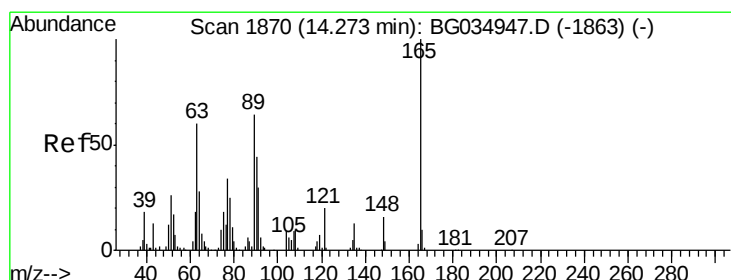
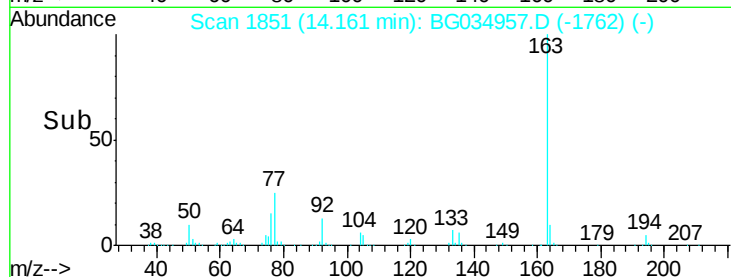
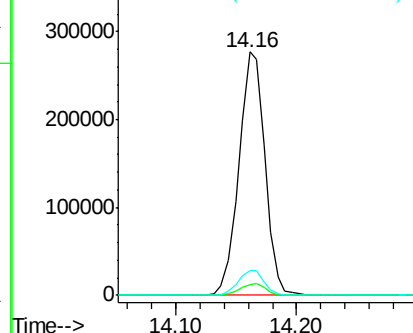


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 51.062 ng
RT: 14.27 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

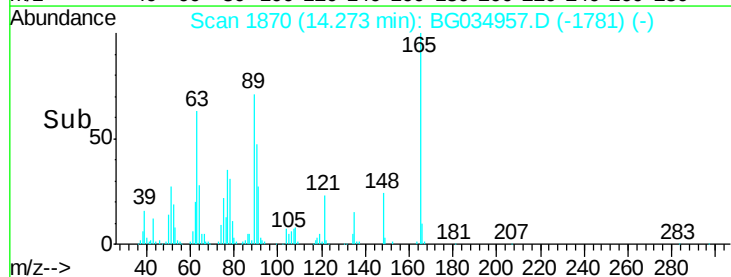
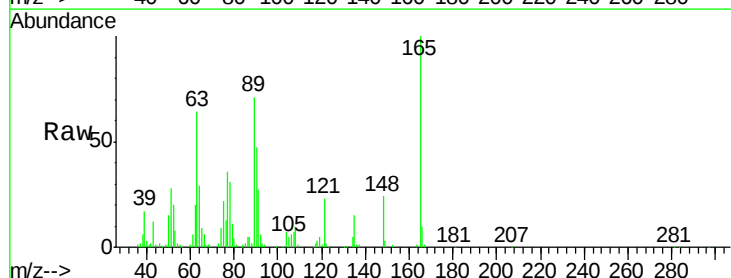
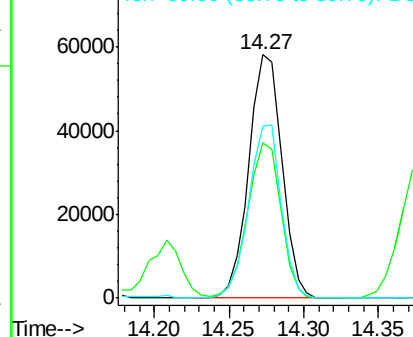
Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.5	52.7	79.1
89	70.7	49.2	73.8

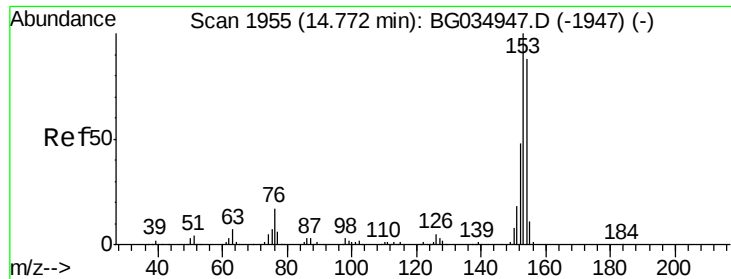
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.265 ng

RT: 14.77 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMS

Tot Ion:154 Resp: 324038

Ion Ratio Lower Upper

154 100

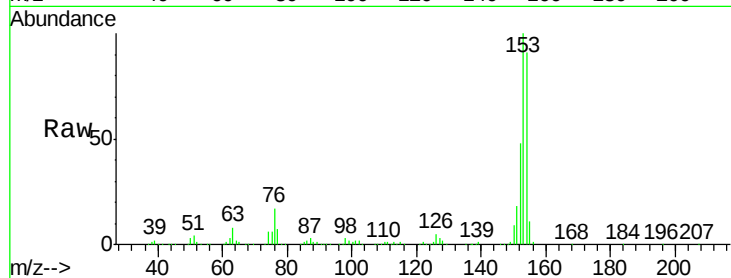
153 110.3 90.4 135.6

152 52.7 41.6 62.4

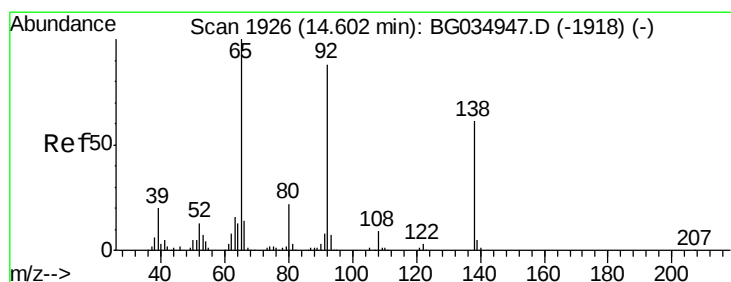
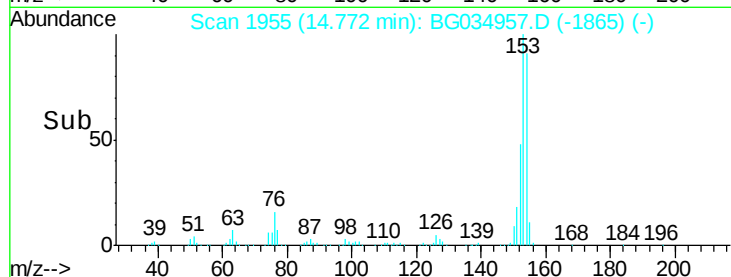
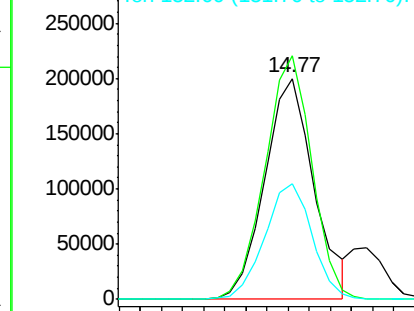
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.601 ng

RT: 14.60 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

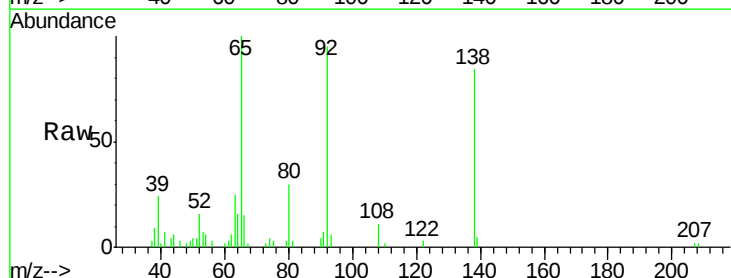
Tgt Ion:138 Resp: 11325

Ion Ratio Lower Upper

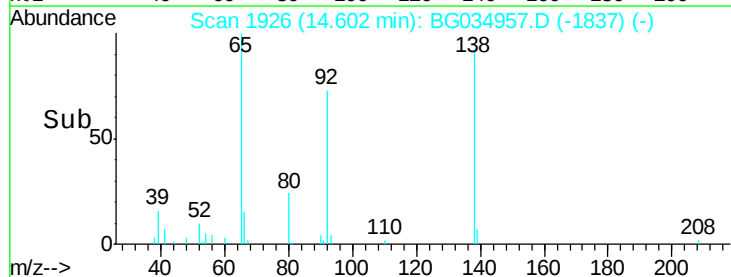
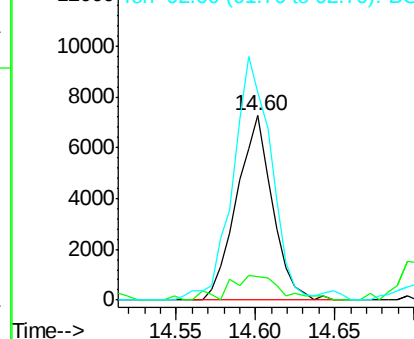
138 100

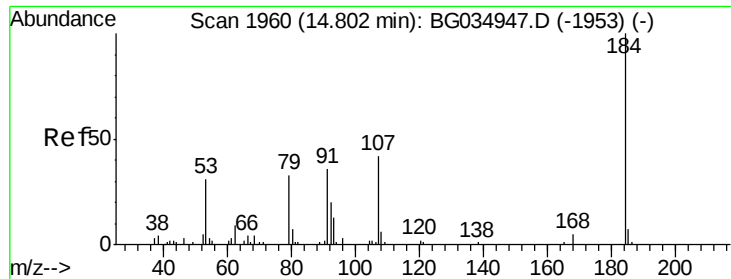
108 12.6 17.5 26.3#

92 112.9 105.8 158.8



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





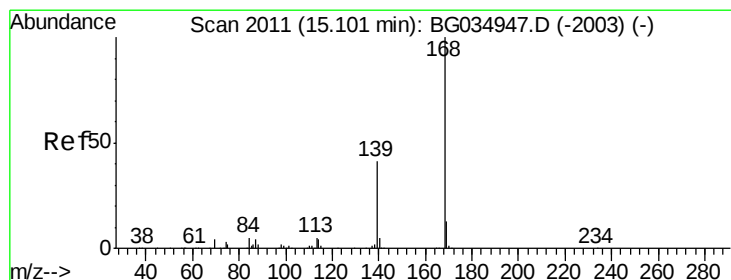
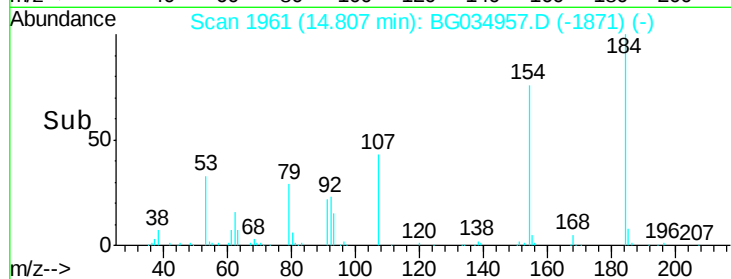
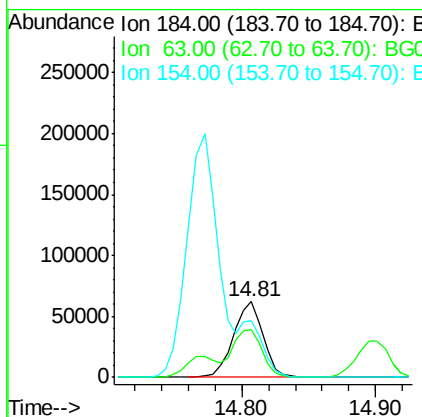
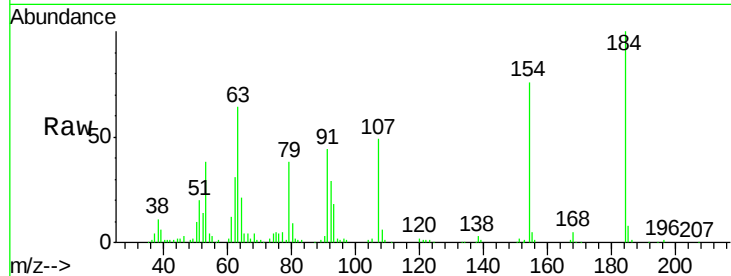
#53
 2,4-Dinitrophenol
 Concen: 134.124 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.7	59.8	89.8
154	75.6	101.8	152.8#

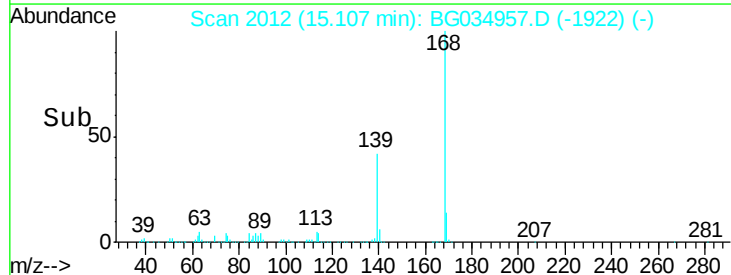
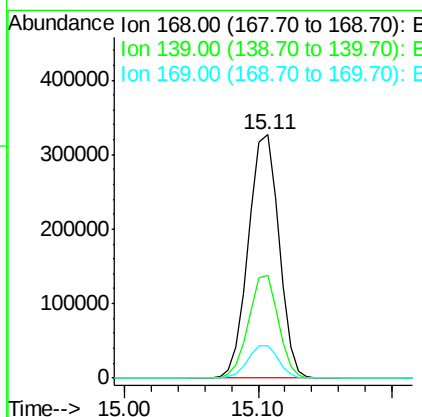
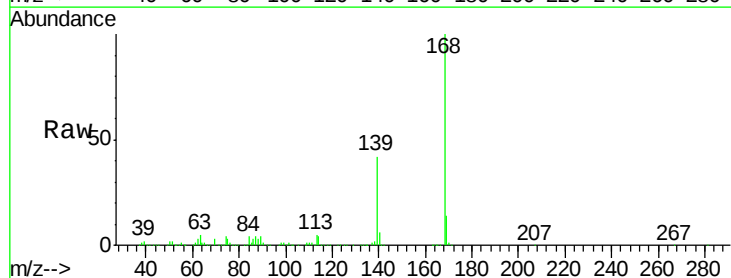
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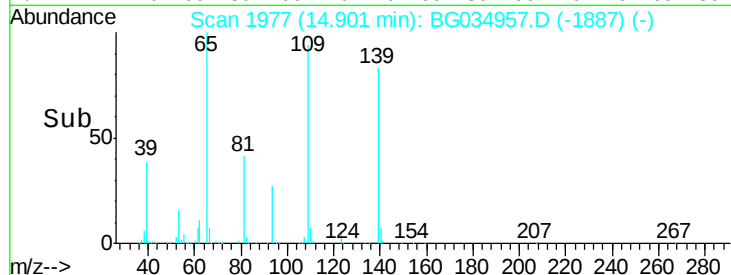
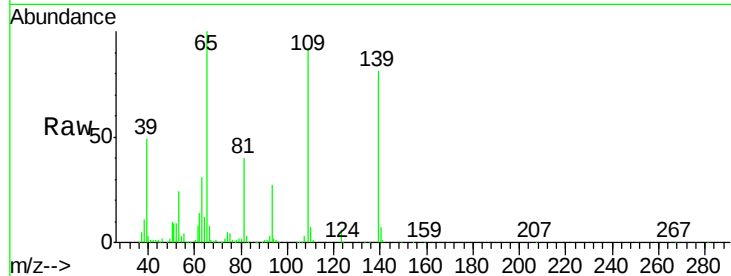
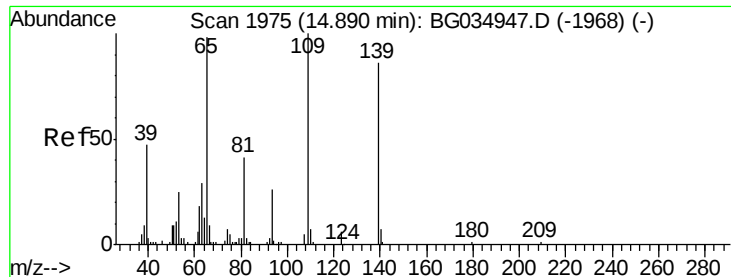
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#54
 Dibenzofuran
 Concen: 46.752 ng
 RT: 15.11 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	28.6	43.0
169	13.5	11.2	16.8





#55

4-Nitrophenol

Concen: 91.670 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMS

Tot Ion:139 Resp: 132740

Ion Ratio Lower Upper

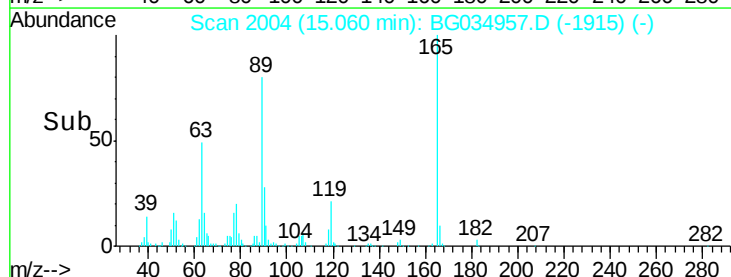
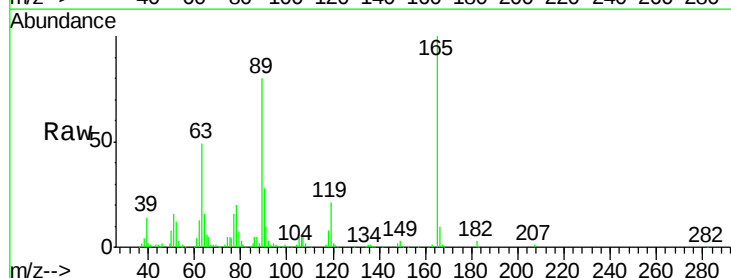
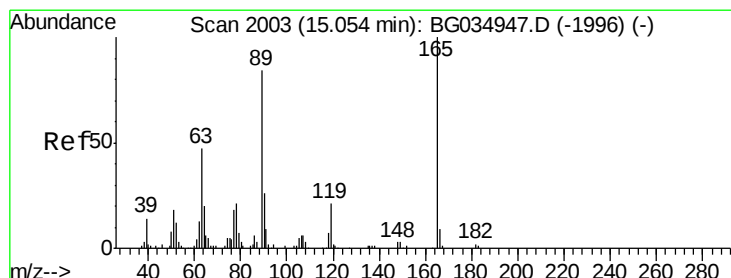
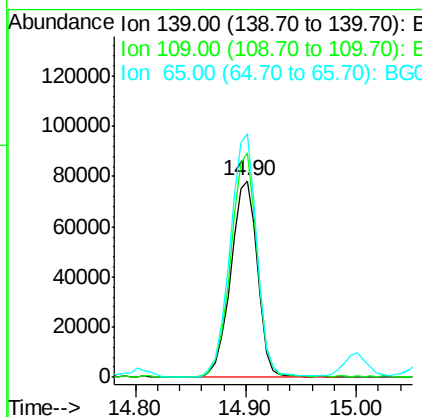
139 100

109 114.4 62.2 102.2#

65 123.8 97.2 137.2

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#56

2,4-Dinitrotoluene

Concen: 54.619 ng

RT: 15.06 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:165 Resp: 126862

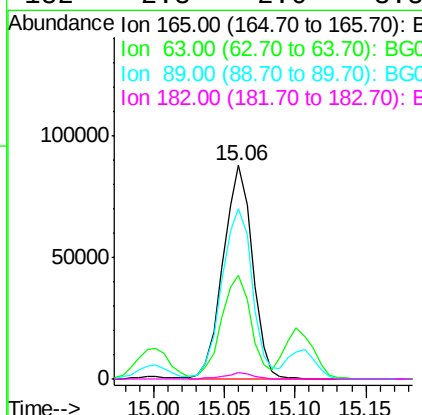
Ion Ratio Lower Upper

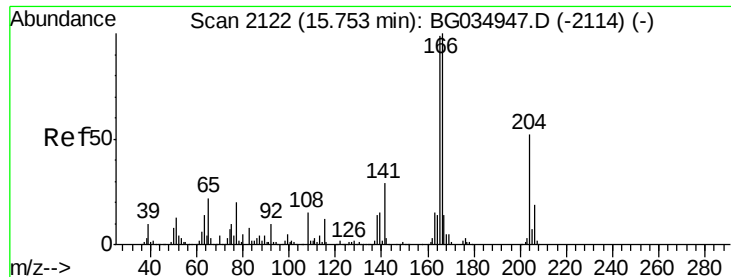
165 100

63 48.8 42.0 63.0

89 80.0 66.9 100.3

182 2.8 2.6 3.8





#57

Fluorene

Concen: 47.509 ng

RT: 15.75 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMS

Tot Ion:166 Resp: 435317

Ion Ratio Lower Upper

166 100

165 98.0 80.6 121.0

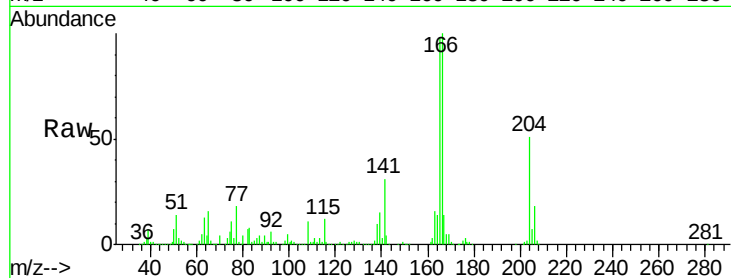
167 14.0 10.4 15.6

Manual Integrations

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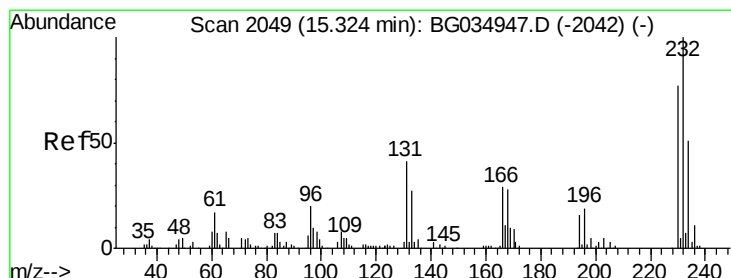
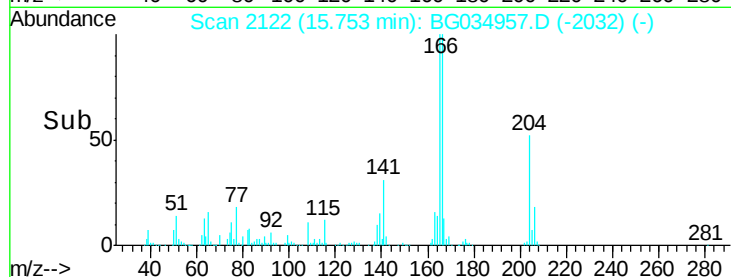
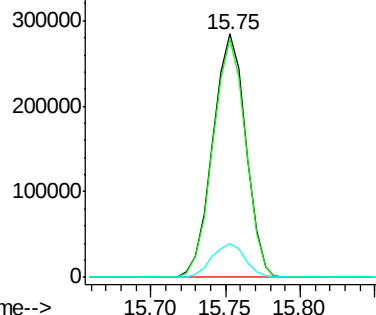
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.849 ng

RT: 15.32 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:232 Resp: 138133

Ion Ratio Lower Upper

232 100

131 40.0 33.5 50.3

130 2.5 2.2 3.2

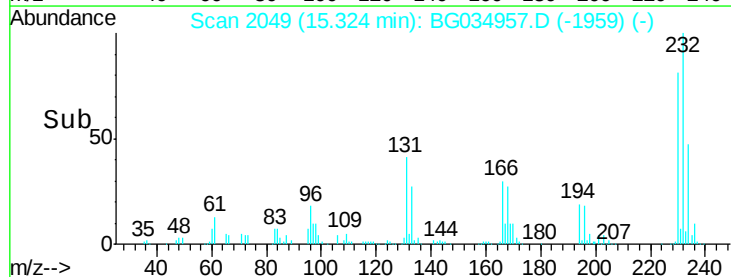
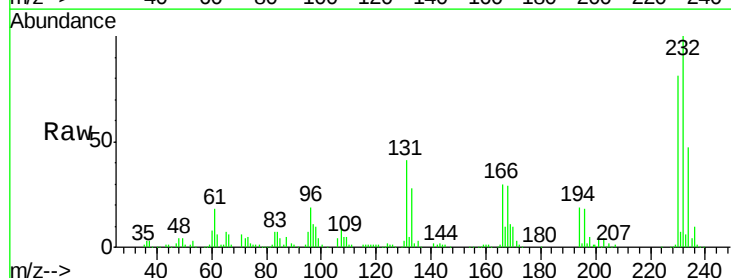
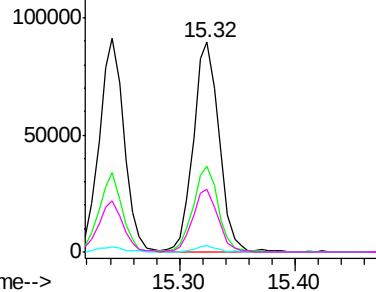
166 29.5 24.8 37.2

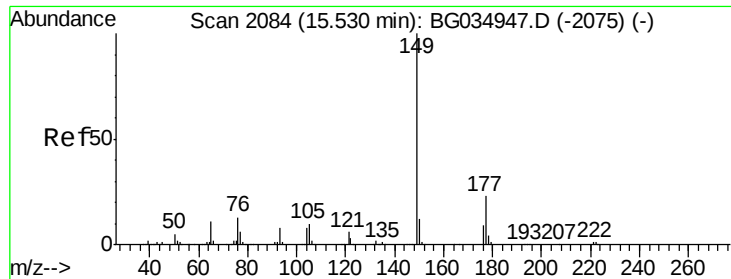
Abundance Ion 232.00 (231.70 to 232.70): E

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





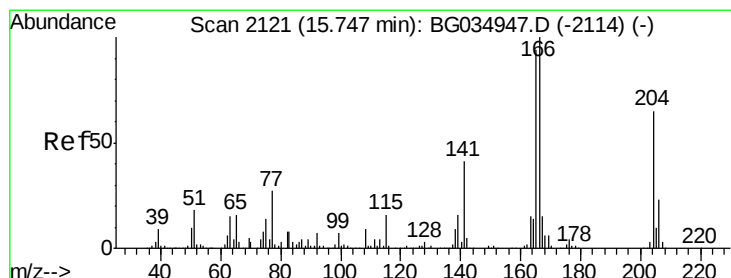
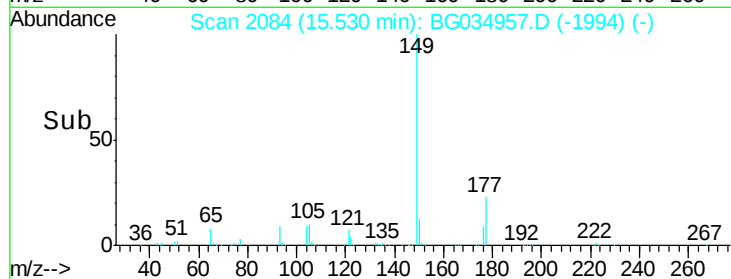
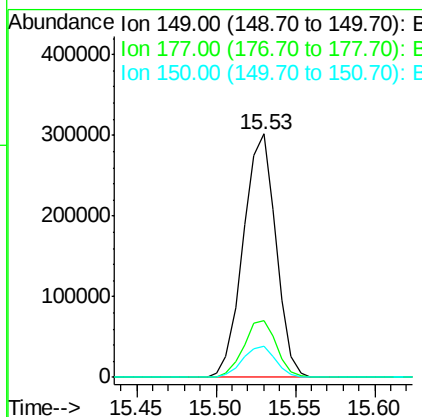
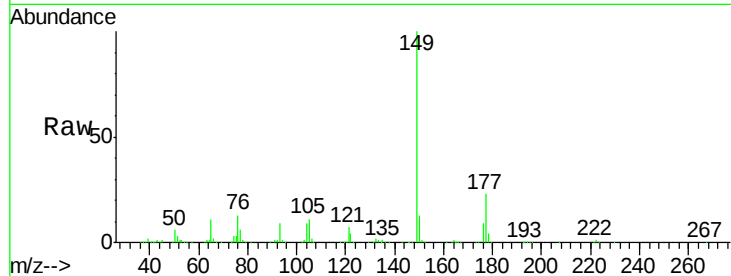
#59
Diethylphthalate
Concen: 43.982 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.5	27.7
150	12.8	10.2	15.2

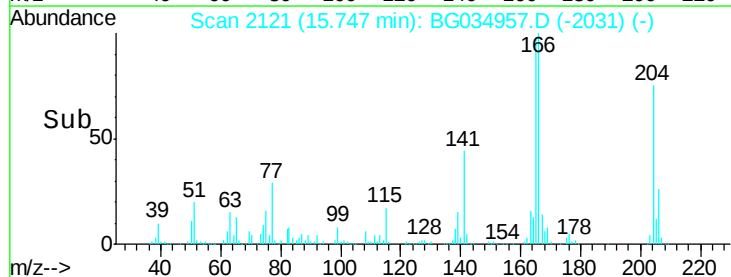
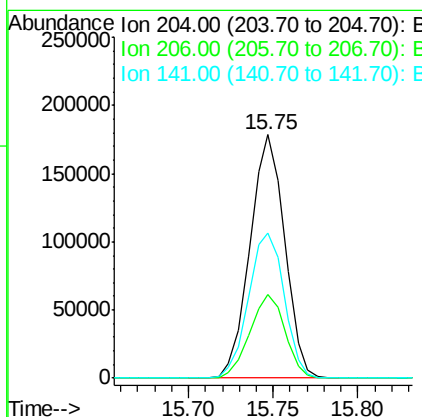
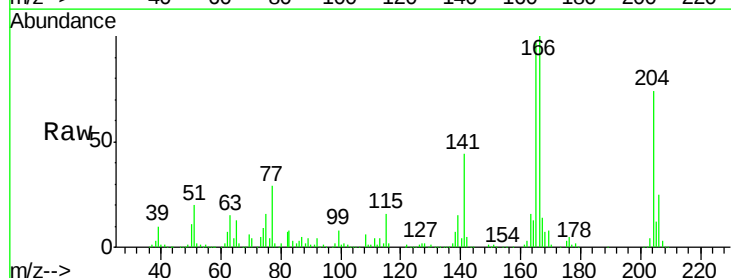
Manual Integrations
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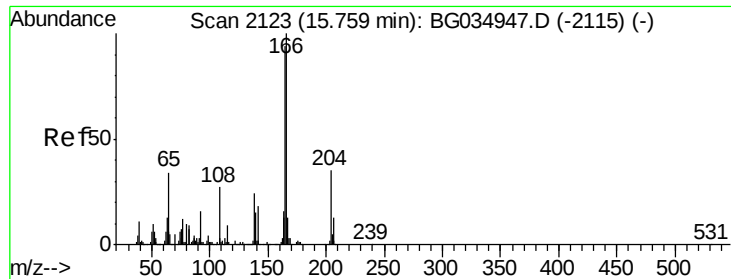
Sohil
6/8/2018 4:44:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.762 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

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





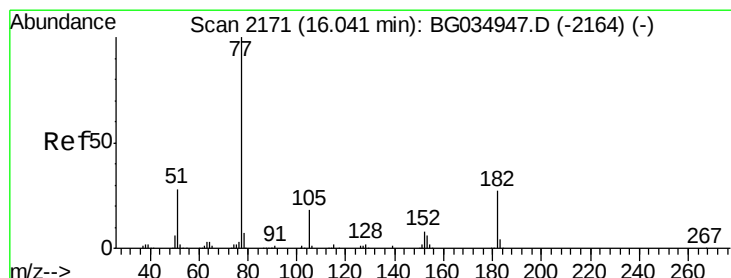
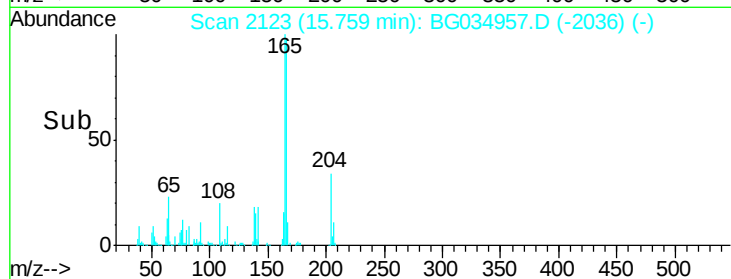
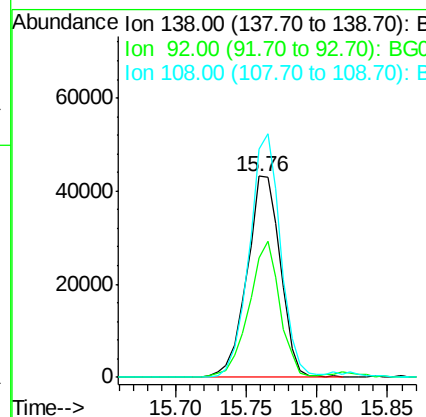
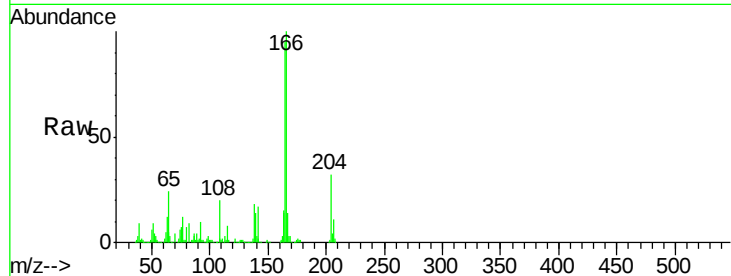
#61
4-Nitroaniline
Concen: 38.979 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.2	40.1	80.1
108	113.5	65.4	105.4

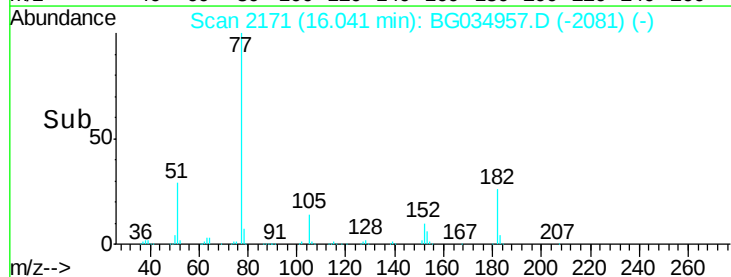
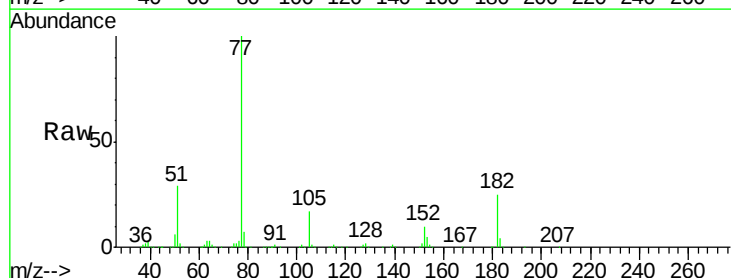
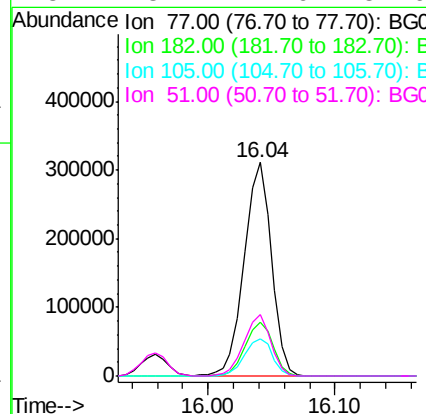
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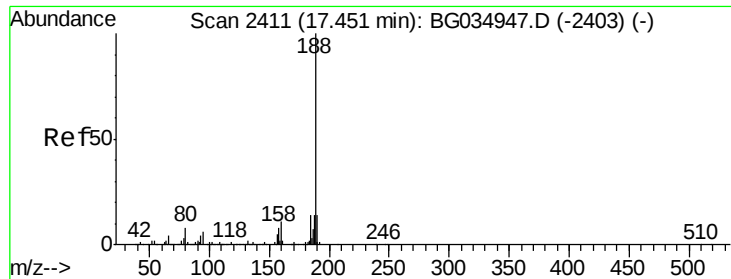
Sohil
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#62
Azobenzene
Concen: 48.506 ng
RT: 16.04 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	7.4	47.4
105	17.4	0.3	40.3
51	28.7	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

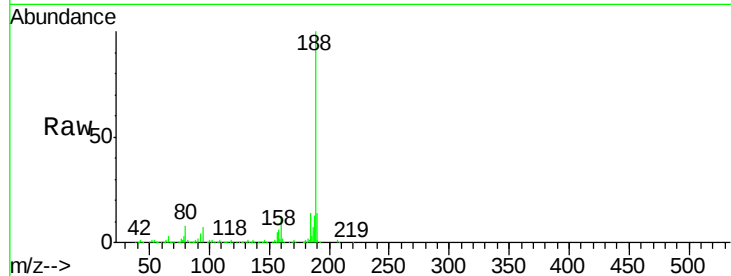
ClientSampleId :

HR-06-060518-AMS

Tot Ion:	188	Resp:	279871
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.9	10.3#
80	7.5	7.7	11.5#

Manual Integrations
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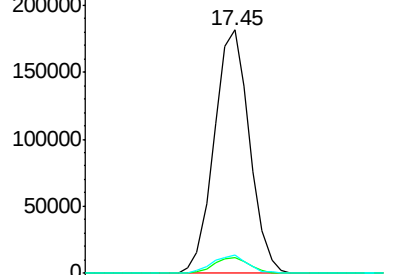
Sohil
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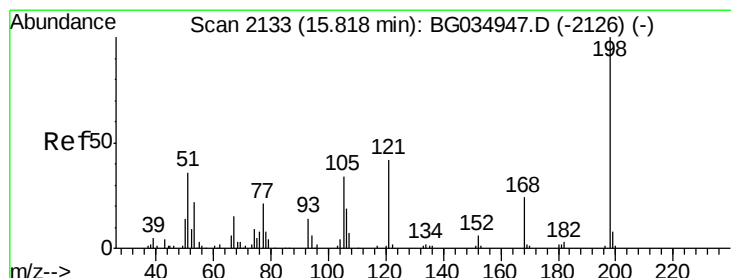
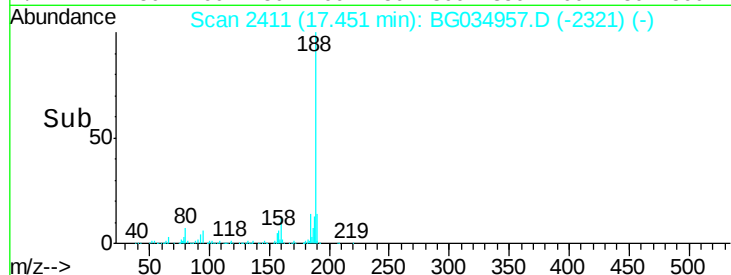
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 56.623 ng

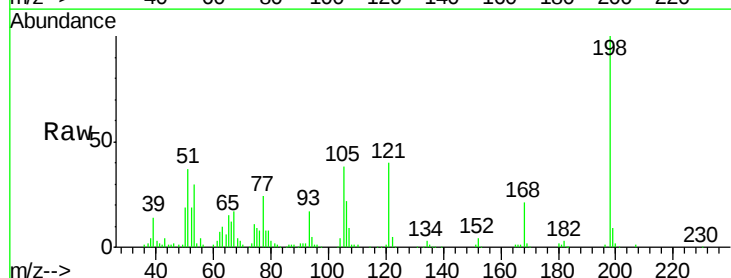
RT: 15.82 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

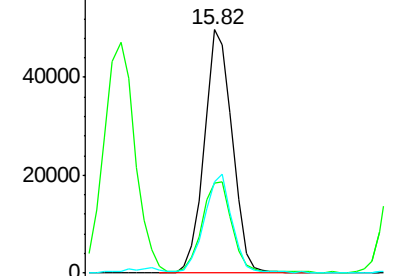
Tgt Ion:	198	Resp:	72353
Ion Ratio	Lower	Upper	
198	100		
51	37.2	30.6	70.6
105	37.7	23.8	63.8



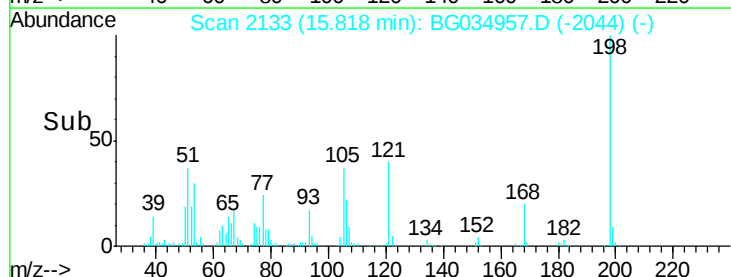
Abundance Ion 198.00 (197.70 to 198.70): E

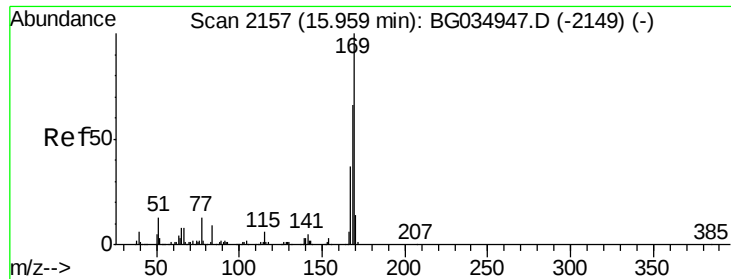
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





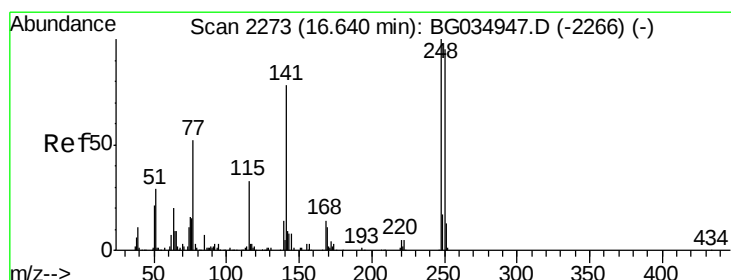
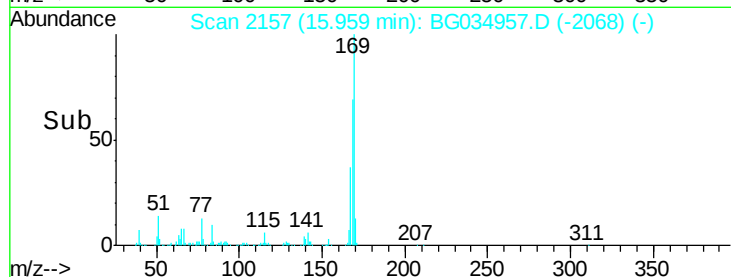
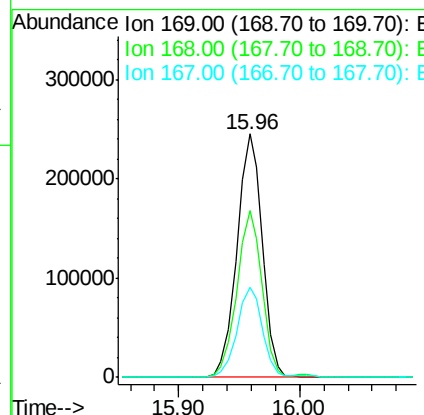
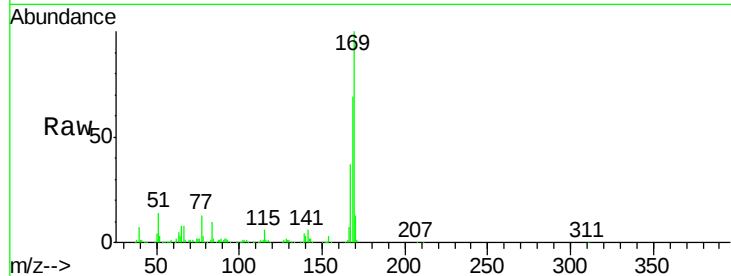
#65
 n-Nitrosodiphenylamine
 Concen: 42.486 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	357090		
168	68.7		55.7	83.5
167	37.2		30.1	45.1

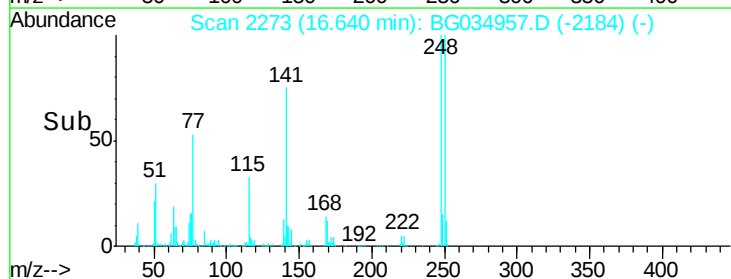
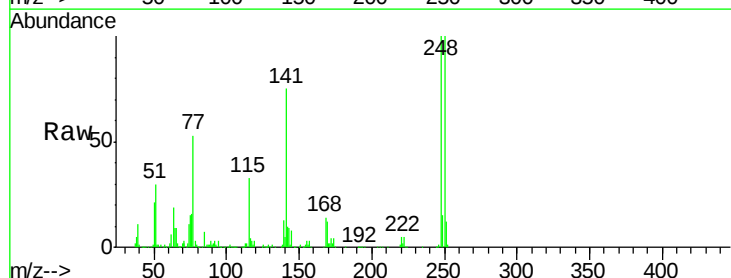
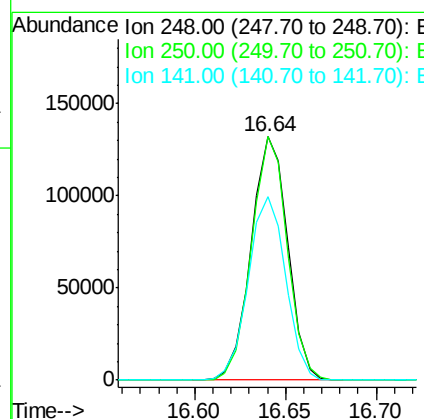
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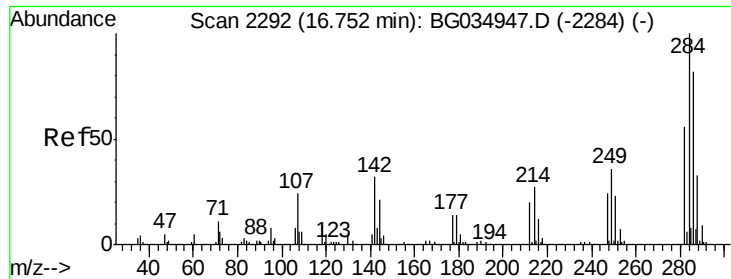
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#66
 4-Bromophenyl-phenylether
 Concen: 55.233 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	186154		
250	99.9		77.1	115.7
141	75.5		50.8	76.2





#67

Hexachlorobenzene

Concen: 70.669 ng

RT: 16.75 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

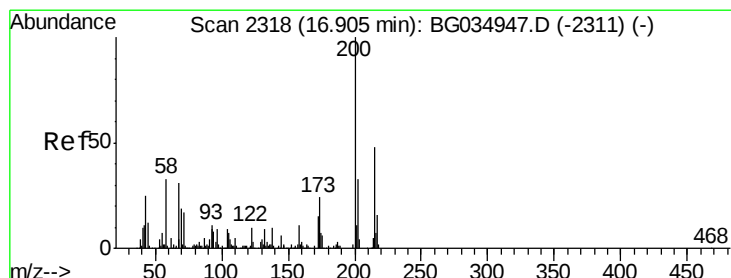
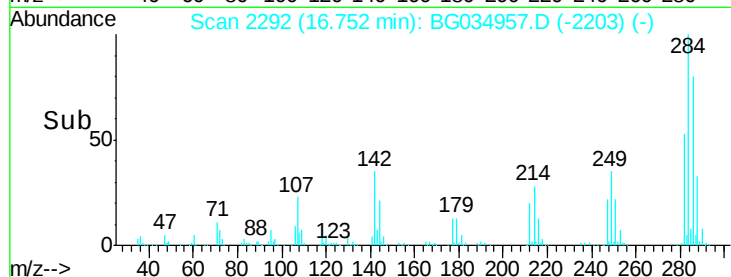
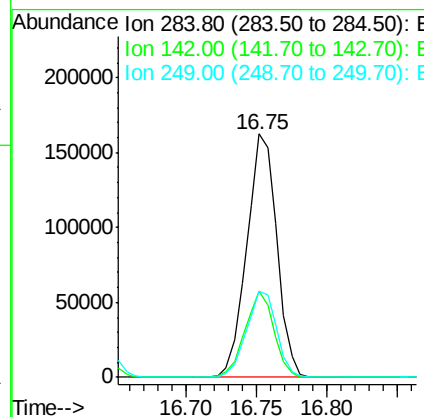
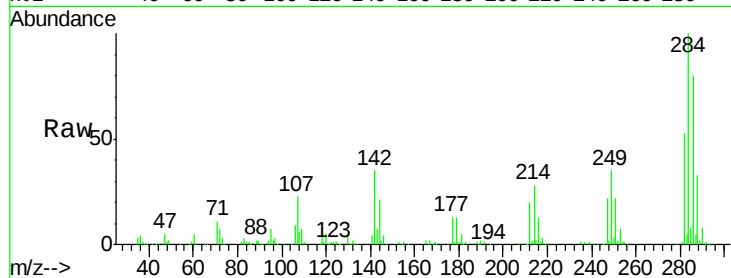
ClientSampleId :

HR-06-060518-AMS

Tot Ion:	284	Resp:	242424
Ion Ratio	Lower	Upper	
284	100		
142	35.1	26.8	40.2
249	35.2	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 30.254 ng

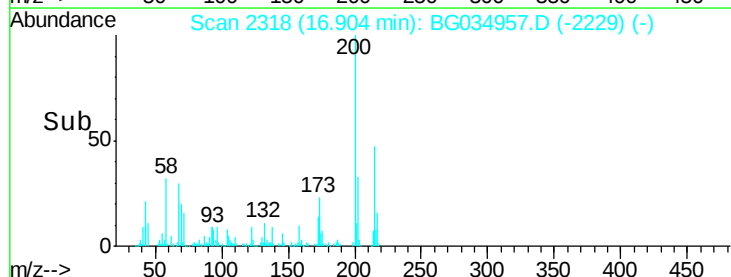
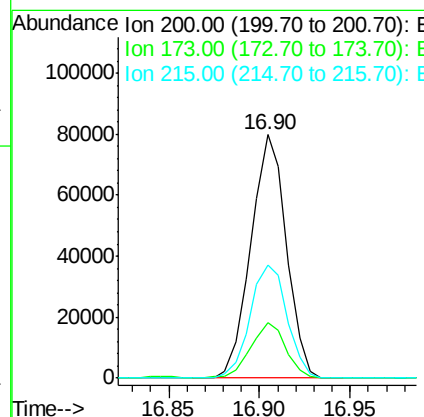
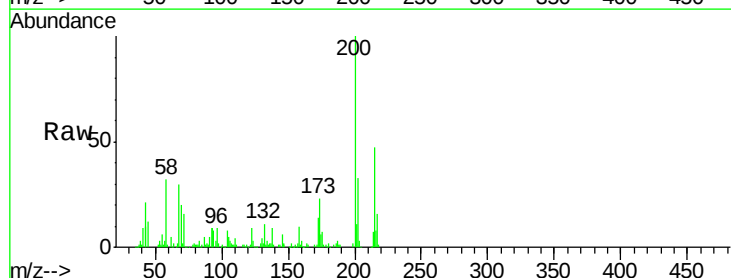
RT: 16.90 min Scan# 2318

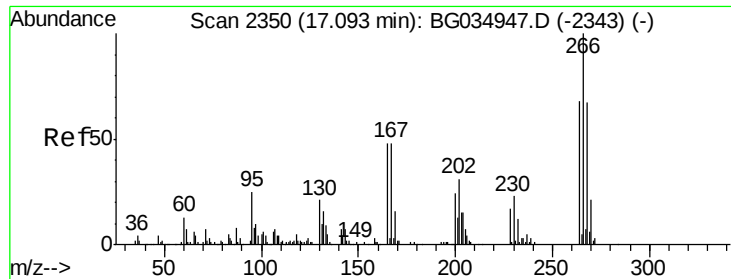
Delta R.T. -0.01 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Tgt Ion:	200	Resp:	108438
Ion Ratio	Lower	Upper	
200	100		
173	22.9	5.2	45.2
215	46.5	30.4	70.4





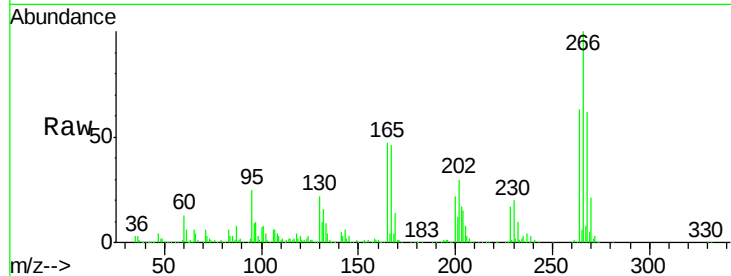
#69
 Pentachlorophenol
 Concen: 95.373 ng
 RT: 17.09 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	219999		
268	62.1		51.1	76.7
264	62.7		49.6	74.4

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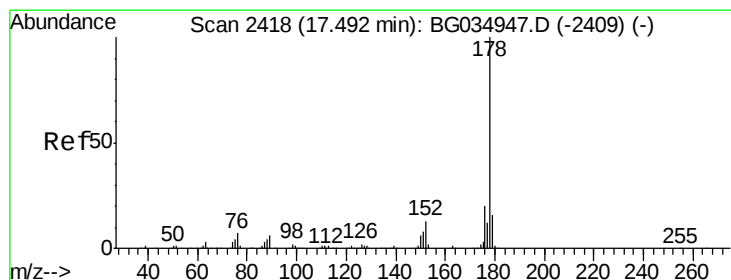
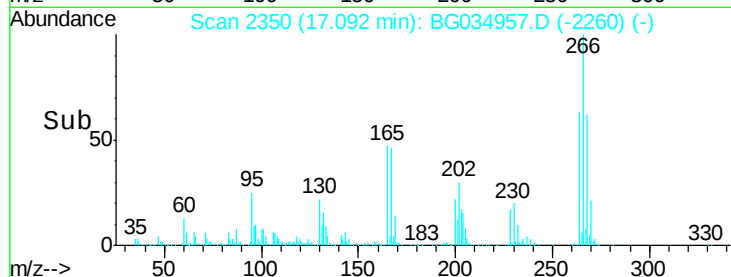
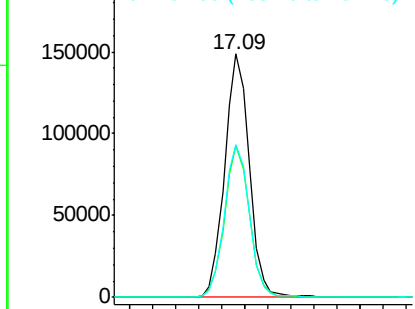


Abundance

Ion 265.70 (265.40 to 266.40): E

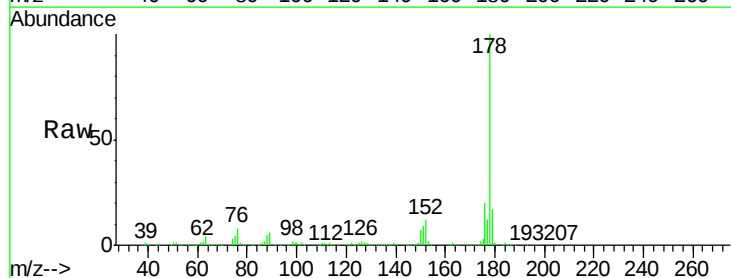
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 56.130 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	797991		
176	20.3		15.7	23.5
179	16.6		12.5	18.7

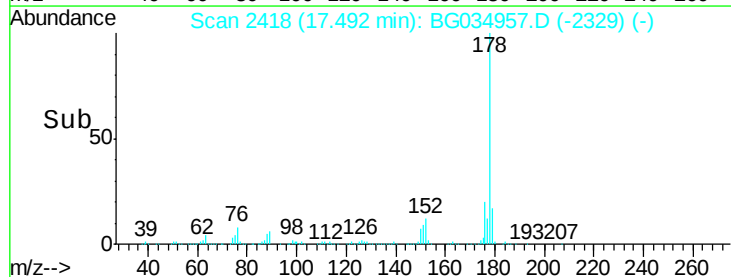
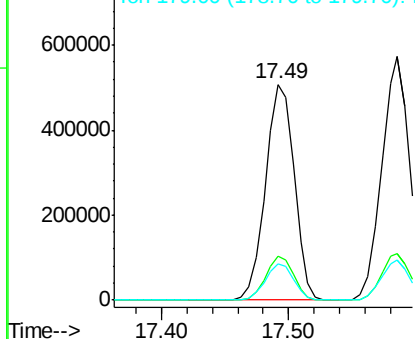


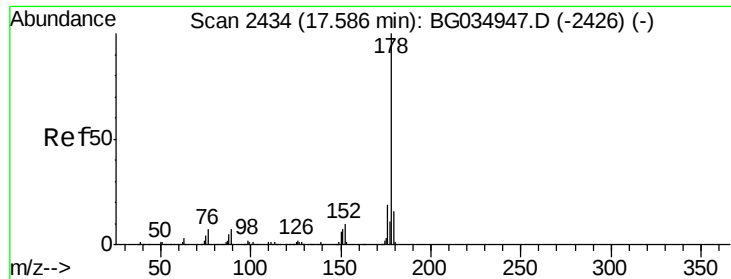
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





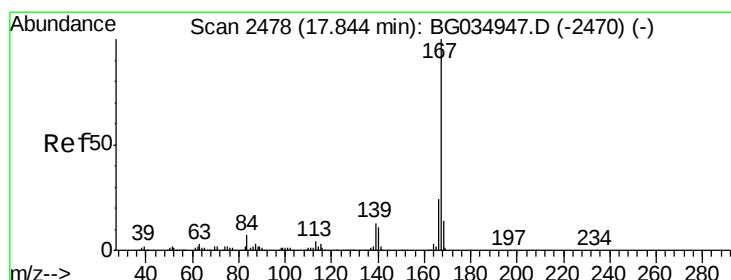
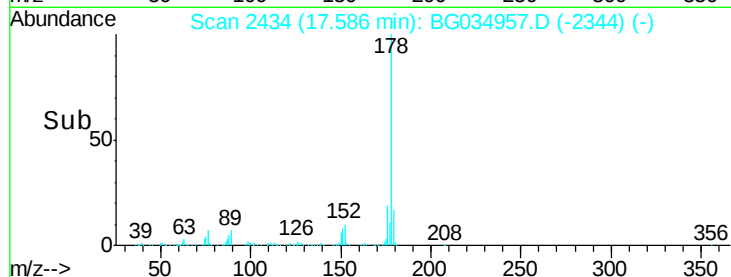
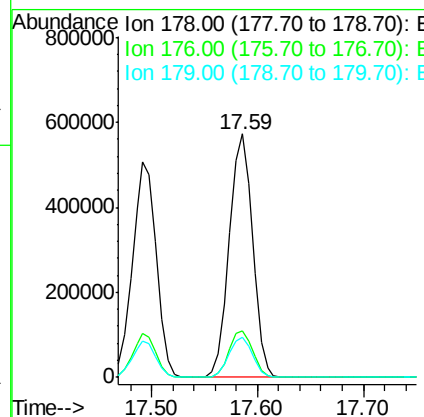
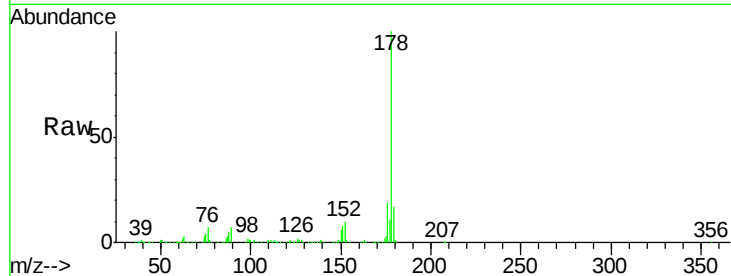
#71
 Anthracene
 Concen: 61.390 ng
 RT: 17.59 min Scan# 2434
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.6	12.5	18.7

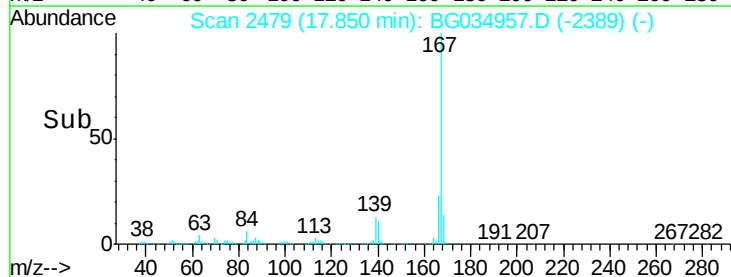
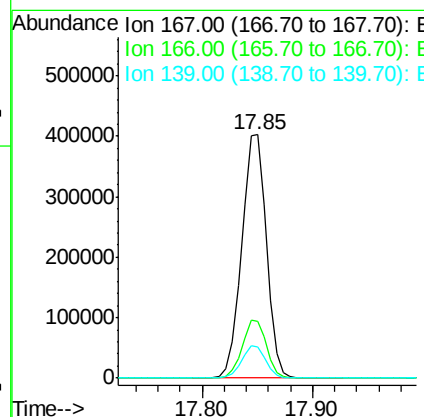
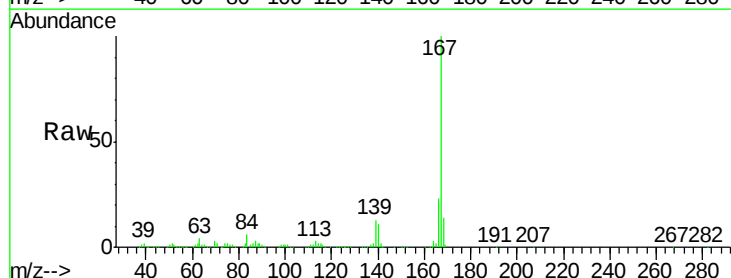
Manual Integrations
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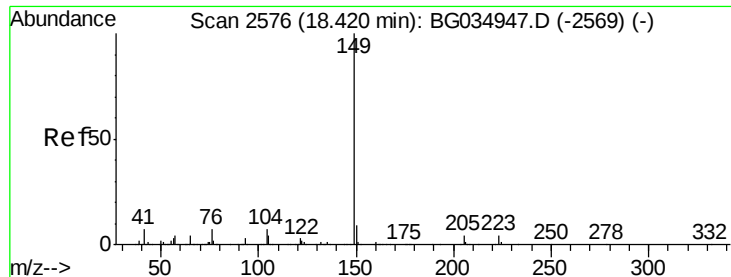
Sohil
 6/8/2018 4:44:52 PM



#72
 Carbazole
 Concen: 47.871 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	13.0	9.4	14.2





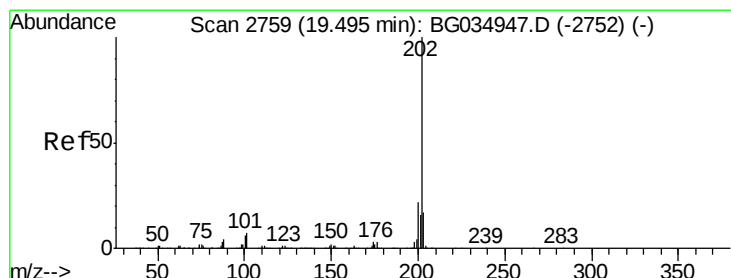
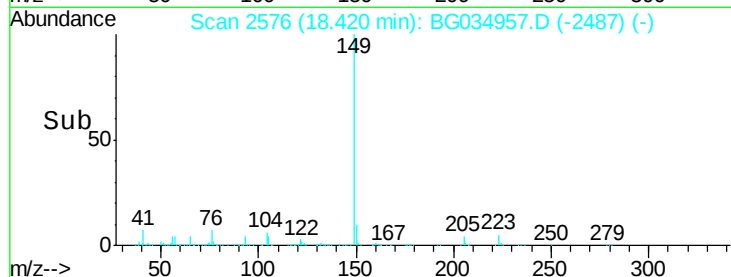
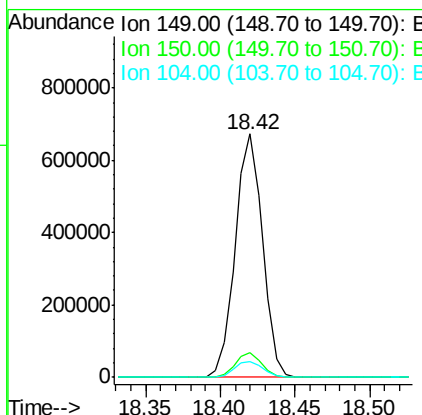
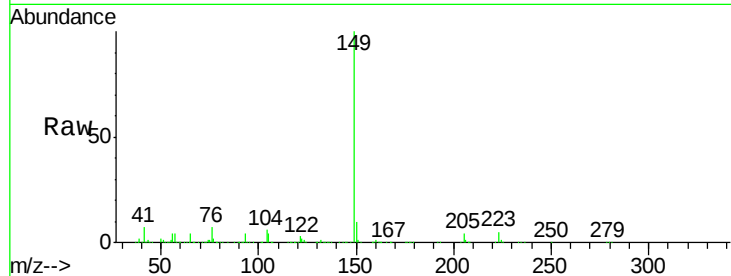
#73
Di-n-butylphthalate
Concen: 54.309 ng
RT: 18.42 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.2	7.8	11.6	
104	6.5	3.9	5.9	

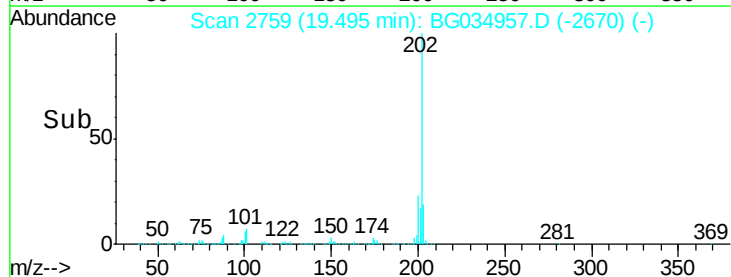
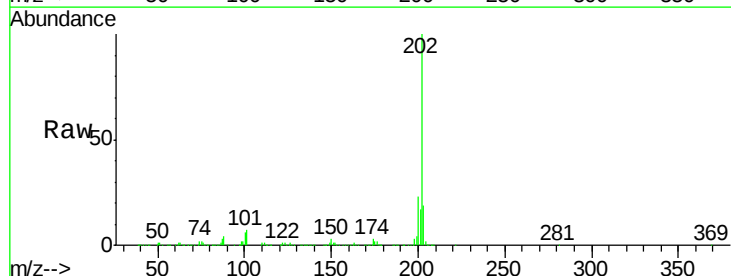
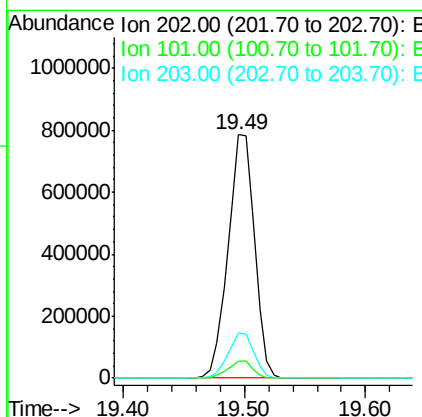
Manual Integrations
APPROVED

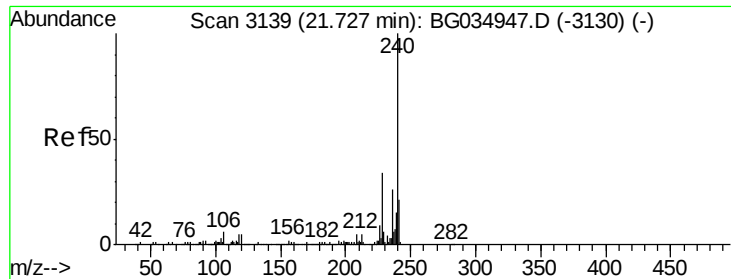
Sohil
6/8/2018 4:44:52 PM



#74
Fluoranthene
Concen: 64.569 ng
RT: 19.49 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.0	0.0	28.9	
203	18.7	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

Instrument :

BNA_G

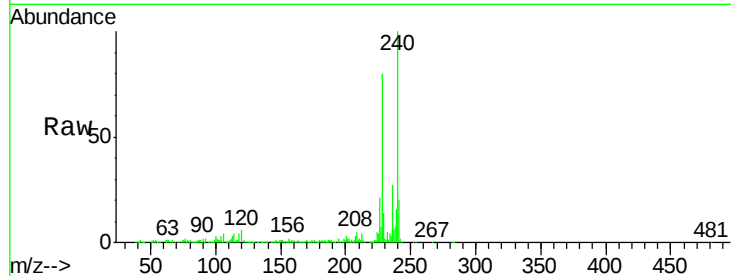
ClientSampleId :

HR-06-060518-AMS

Tot Ion:	240	Resp:	286505
Ion Ratio	Lower	Upper	
240	100		
120	5.9	6.8	10.2#
236	27.3	20.9	31.3

Manual Integrations
APPROVED

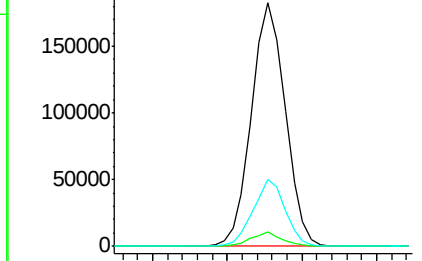
Sohil
6/8/2018 4:44:52 PM



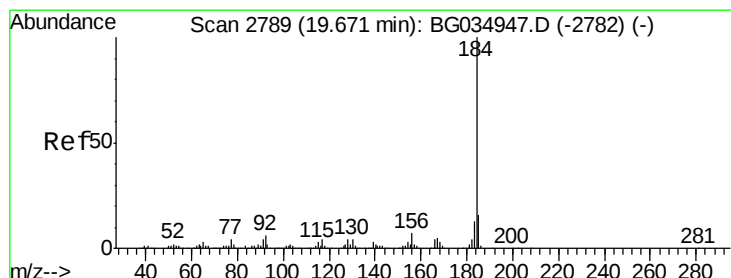
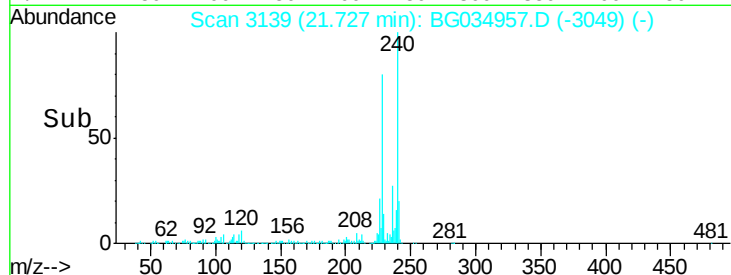
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 2.409 ng m

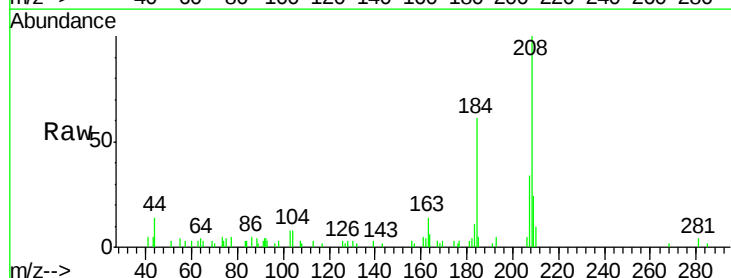
RT: 19.73 min Scan# 2799

Delta R.T. 0.05 min

Lab File: BG034957.D

Acq: 7 Jun 2018 18:05

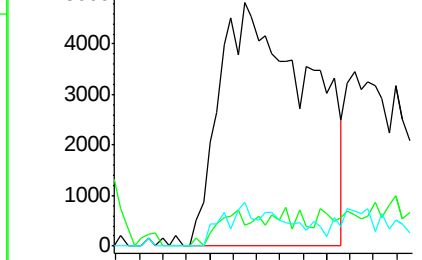
Tgt Ion:	184	Resp:	25677
Ion Ratio	Lower	Upper	
184	100		
185	8.8	11.1	16.7#
183	18.1	10.6	16.0#



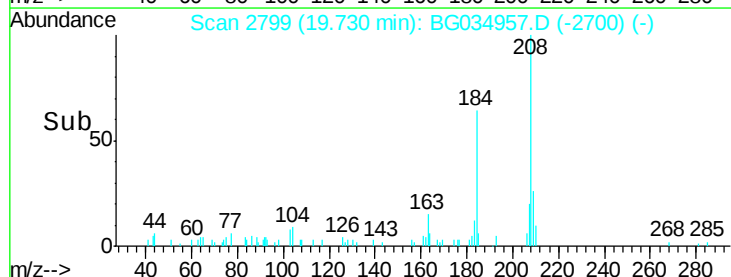
Abundance Ion 184.00 (183.70 to 184.70): E

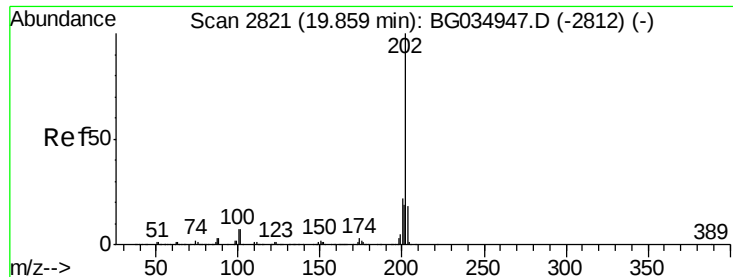
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





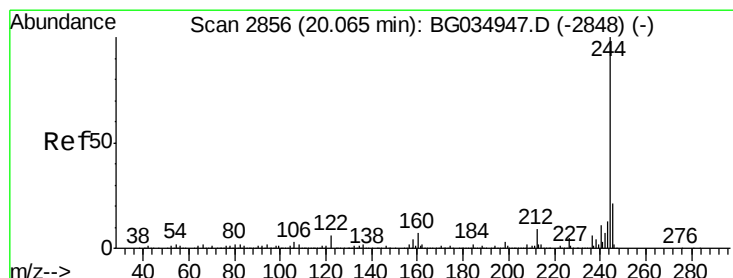
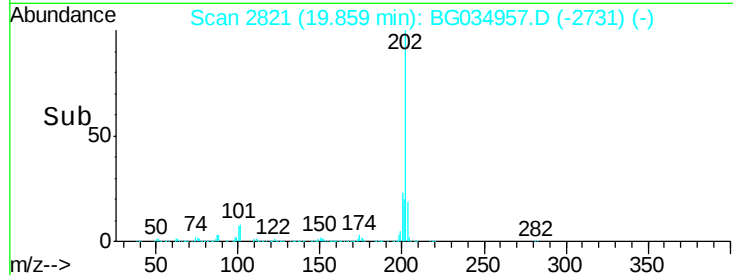
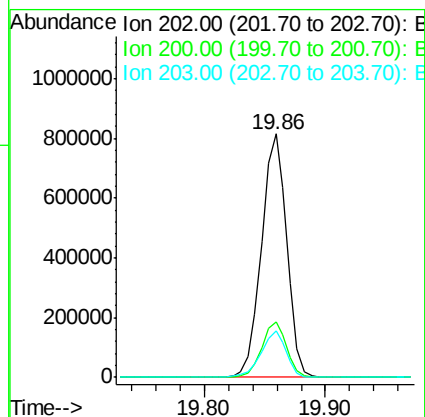
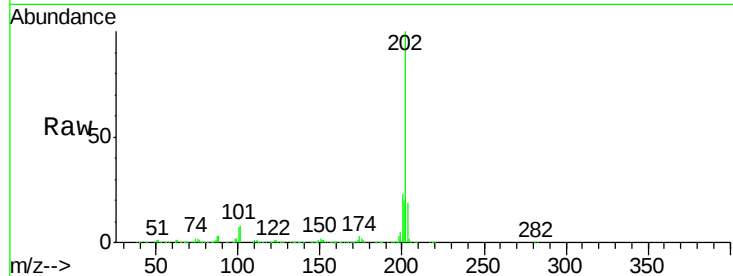
#77
Pvrene
Concen: 62.969 ng
RT: 19.86 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.2	13.9	20.9

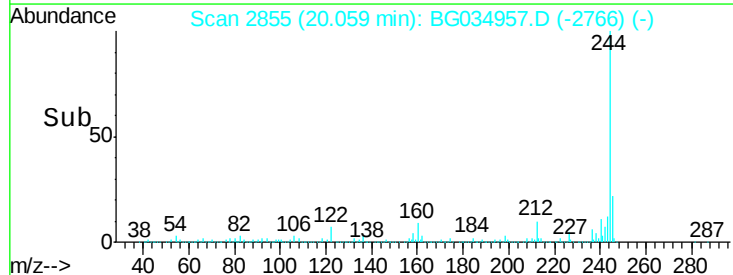
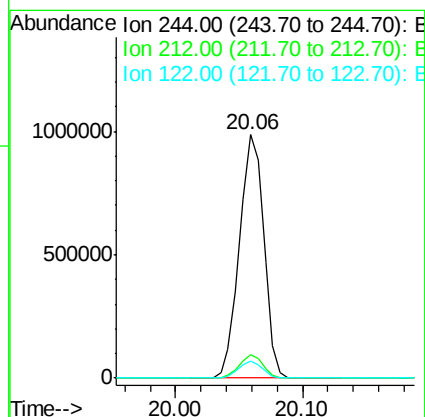
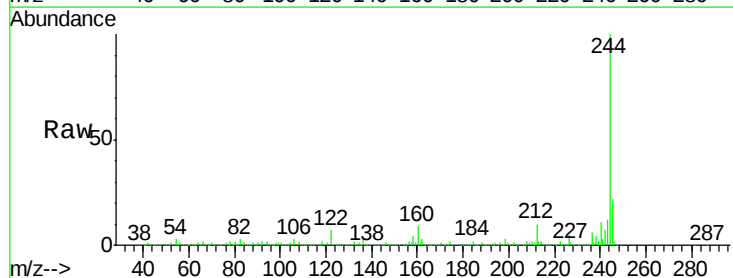
Manual Integrations
APPROVED

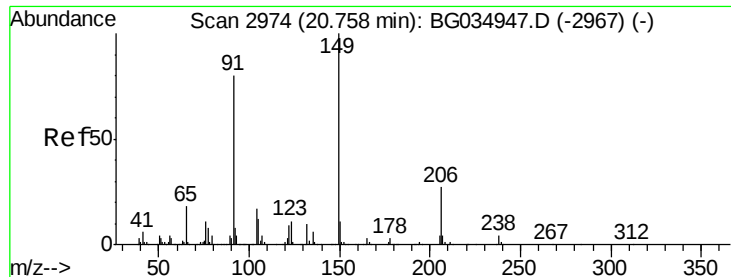
Sohil
6/8/2018 4:44:52 PM



#78
Terphenyl-d14
Concen: 95.648 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	7.2	7.0	10.4





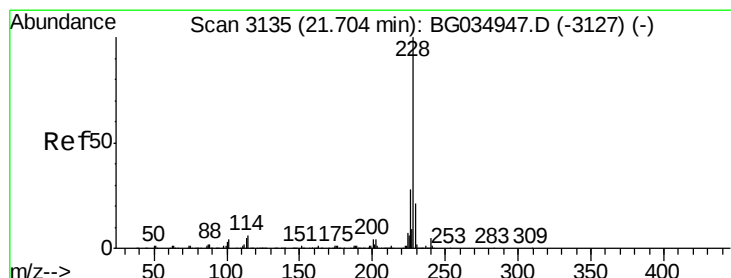
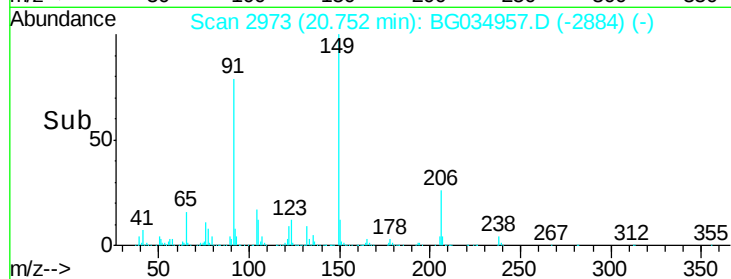
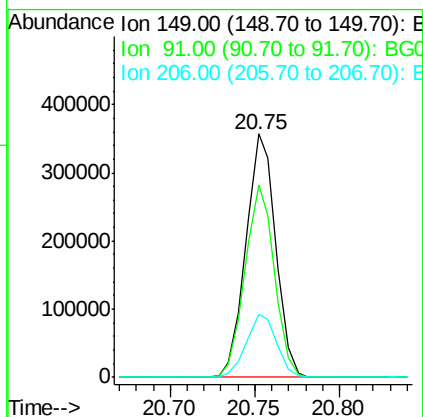
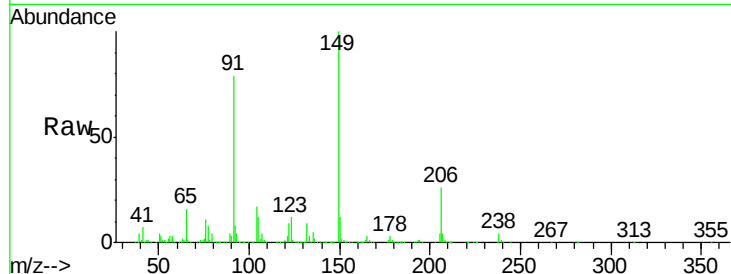
#79
Butylbenzylphthalate
Concen: 63.858 ng
RT: 20.75 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.2	62.2	93.2
206	25.9	18.6	27.8

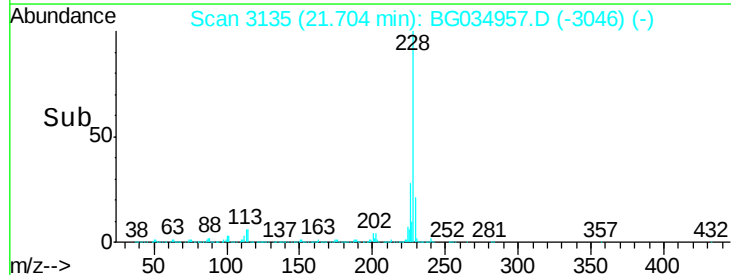
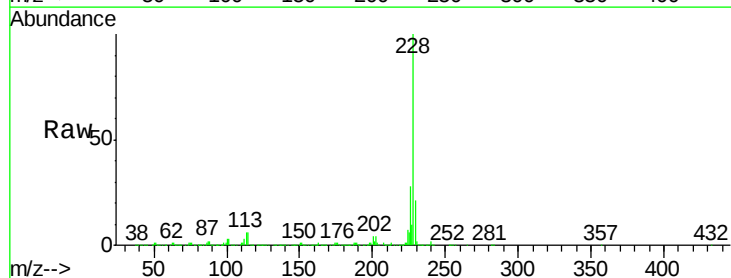
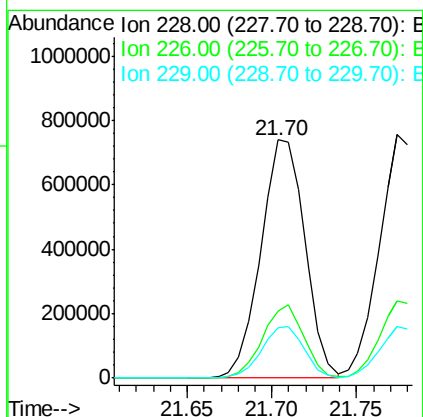
Manual Integrations
APPROVED

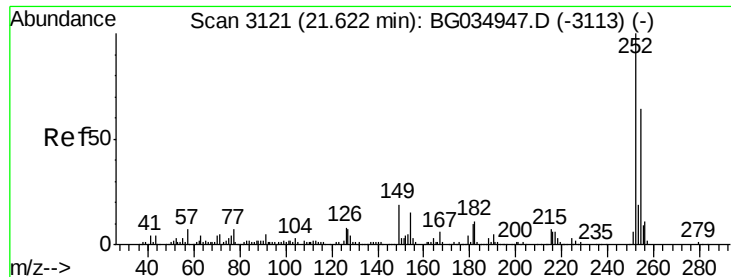
Sohil
6/8/2018 4:44:52 PM



#80
Benzo(a)anthracene
Concen: 72.821 ng
RT: 21.70 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	21.2	16.2	24.2





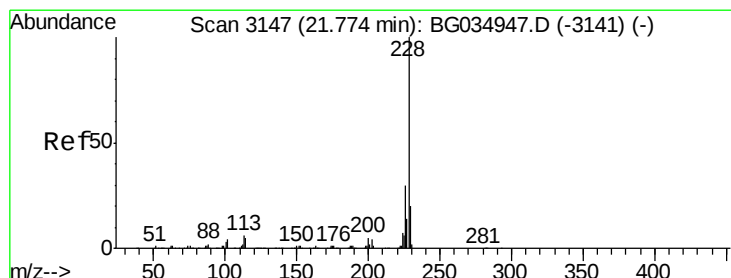
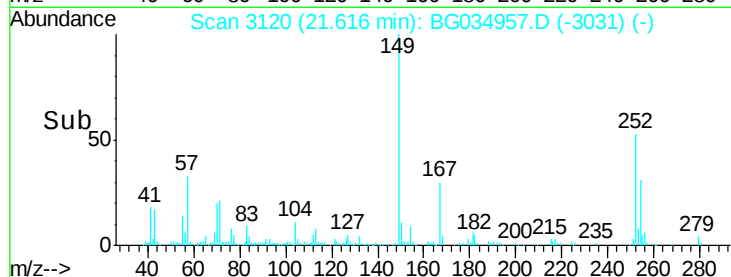
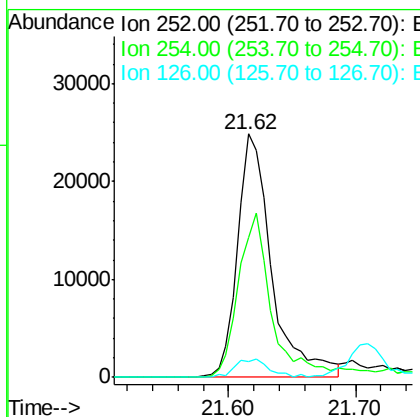
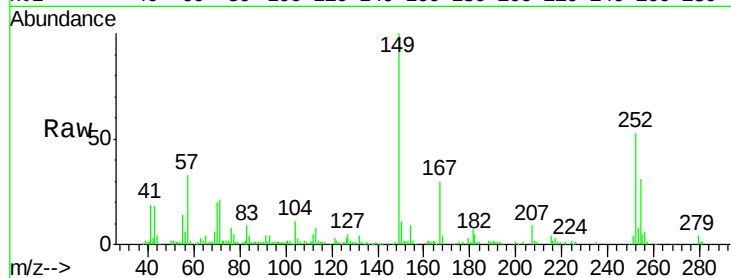
#81
 3,3'-Dichlorobenzidine
 Concen: 6.768 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	57.6	50.8	76.2
126	6.5	7.4	11.2

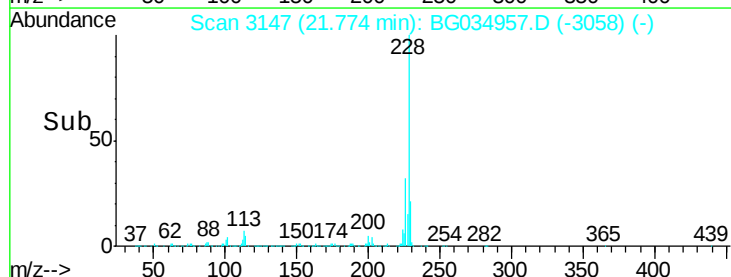
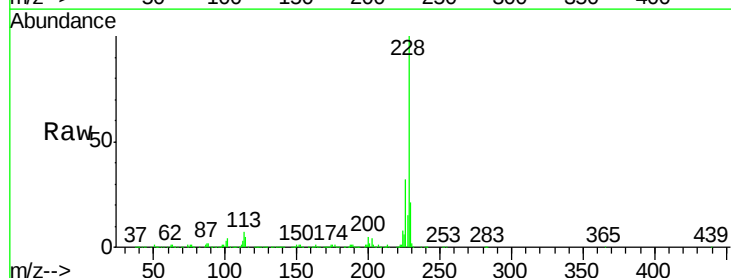
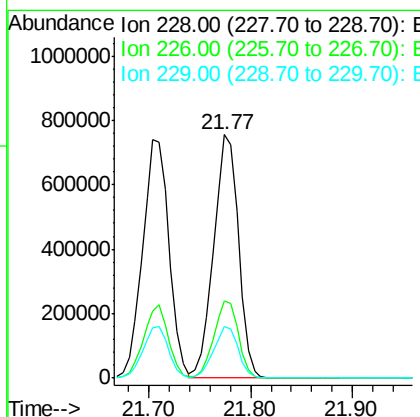
Manual Integrations
 APPROVED

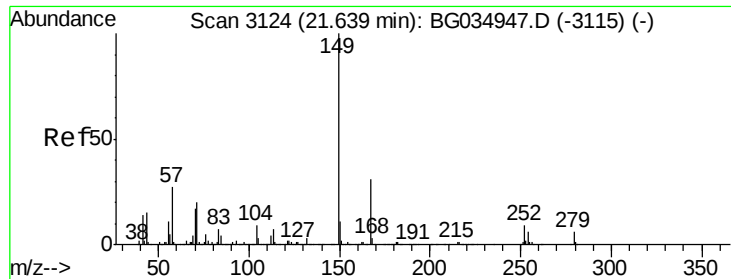
Sohil
 6/8/2018 4:44:52 PM



#82
 Chrysene
 Concen: 76.133 ng
 RT: 21.77 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.2	15.0	22.4





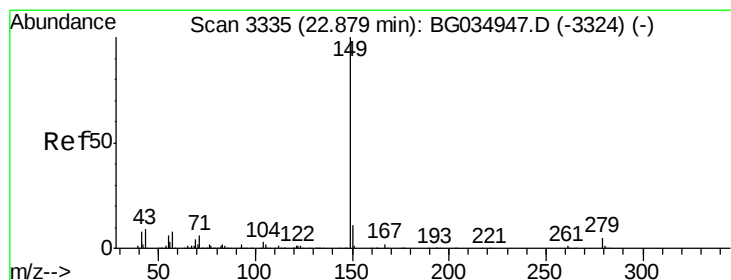
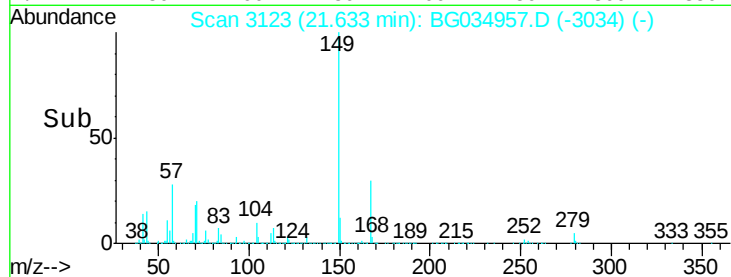
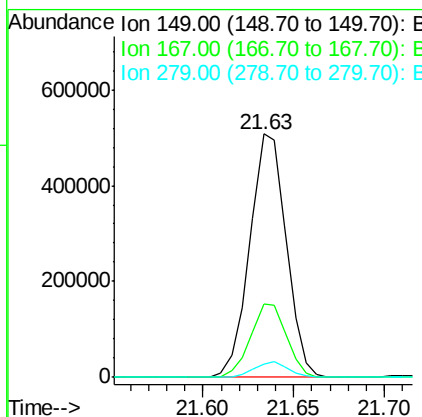
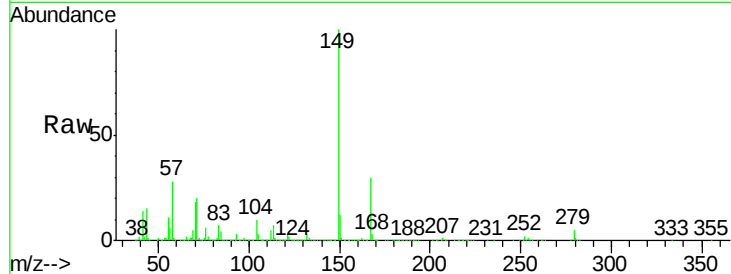
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 73.335 ng
 RT: 21.63 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.4	4.0	6.0

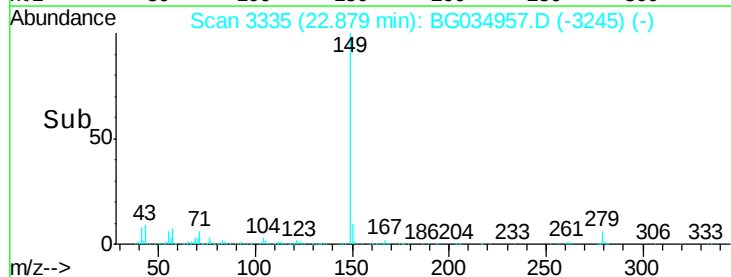
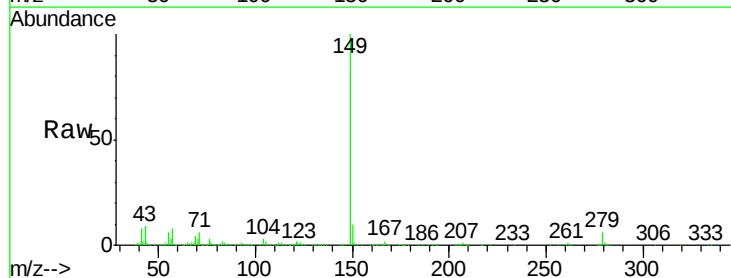
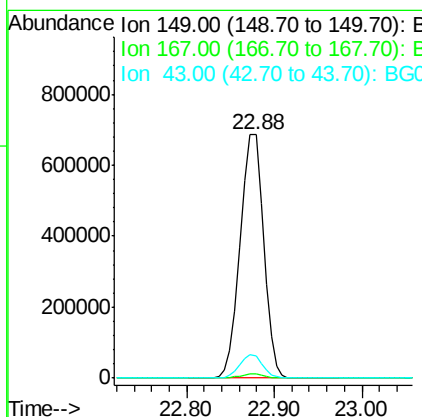
Manual Integrations
 APPROVED

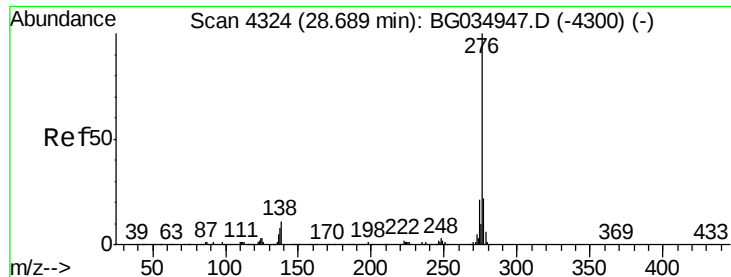
Sohil
 6/8/2018 4:44:52 PM



#84
 Di-n-octyl phthalate
 Concen: 74.596 ng
 RT: 22.88 min Scan# 3335
 Delta R.T. 0.00 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.1	8.9	13.3





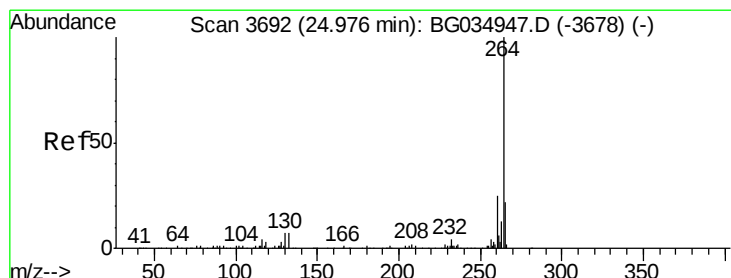
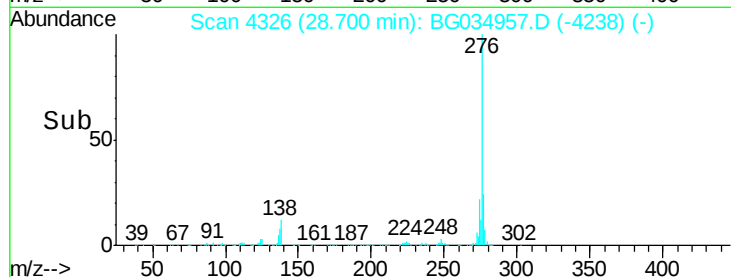
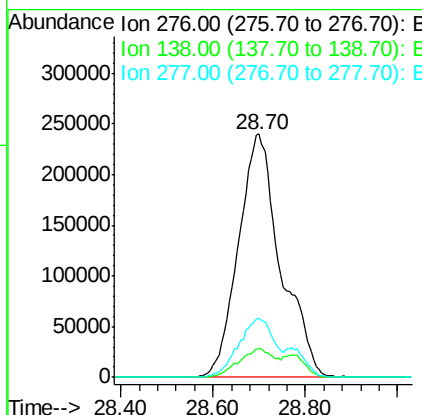
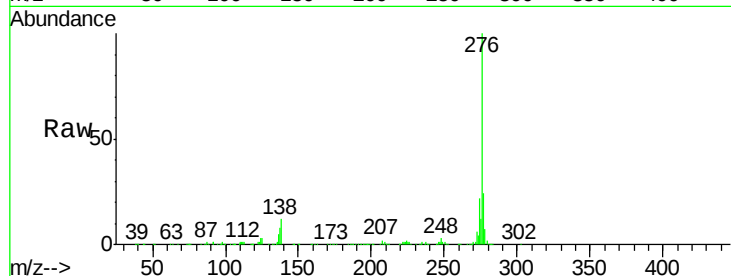
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.815 ng
 RT: 28.70 min Scan# 4326
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	10.0	16.0	24.0	
277	20.6	20.0	30.0	

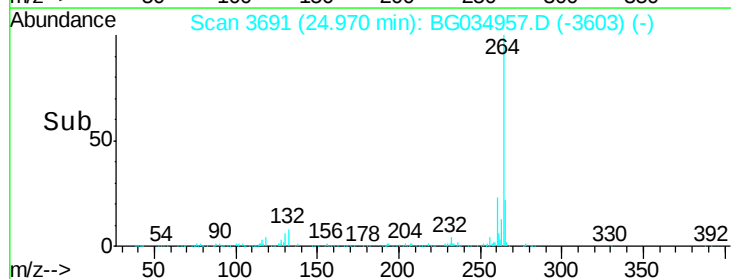
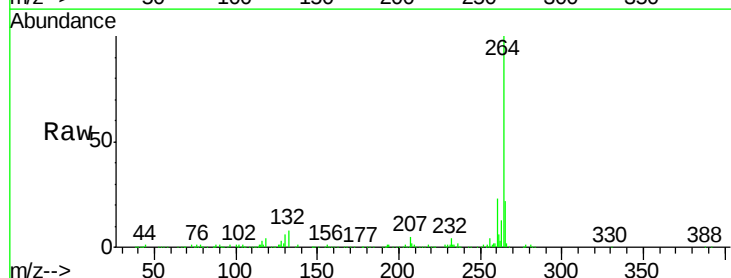
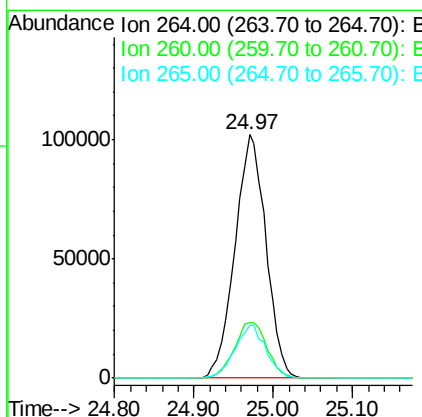
Manual Integrations
 APPROVED

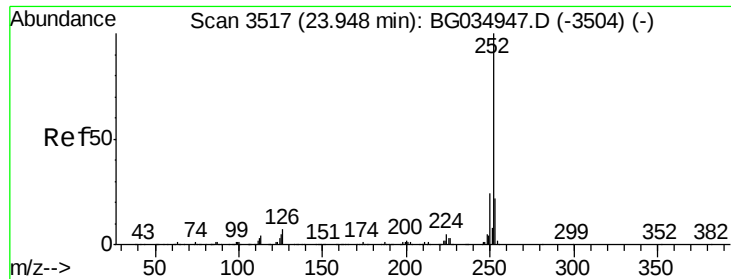
Sohil
 6/8/2018 4:44:52 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.9	17.4	26.0	
265	21.7	17.7	26.5	





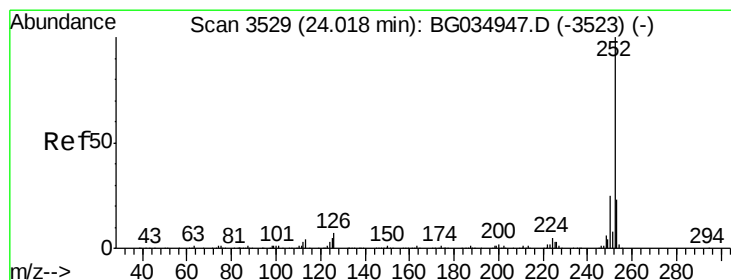
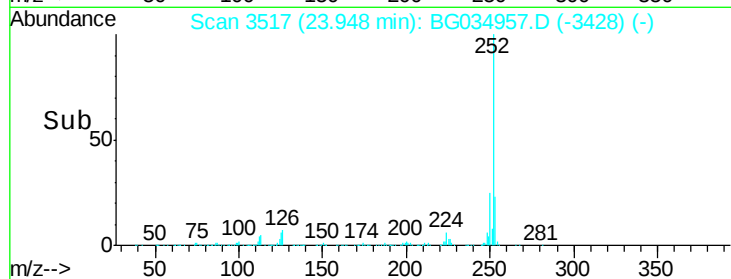
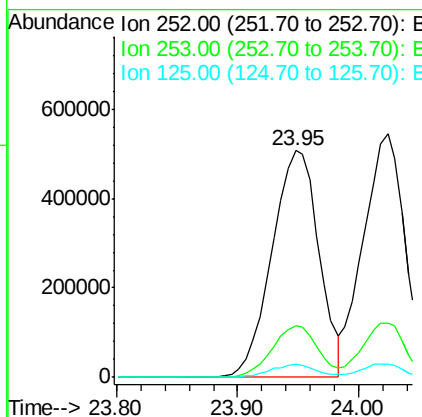
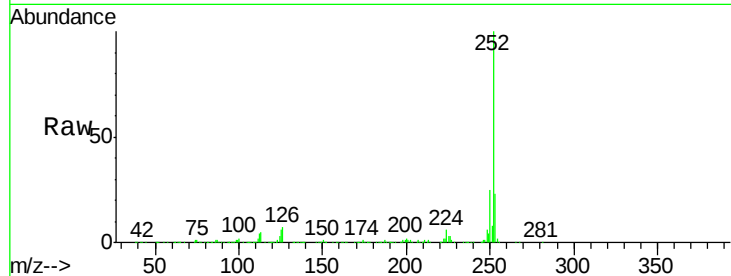
#87
Benzo(b)fluoranthene
Concen: 80.003 ng
RT: 23.95 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	5.9	7.2	10.8

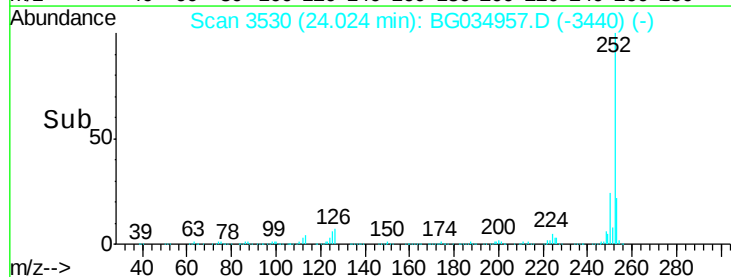
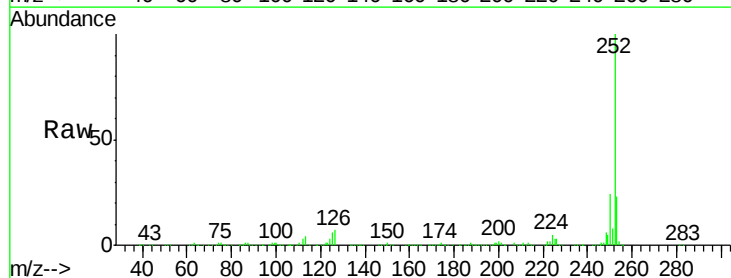
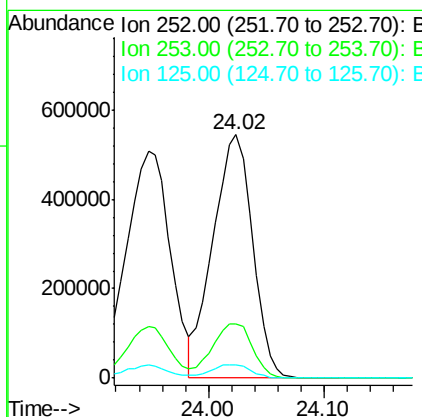
Manual Integrations
APPROVED

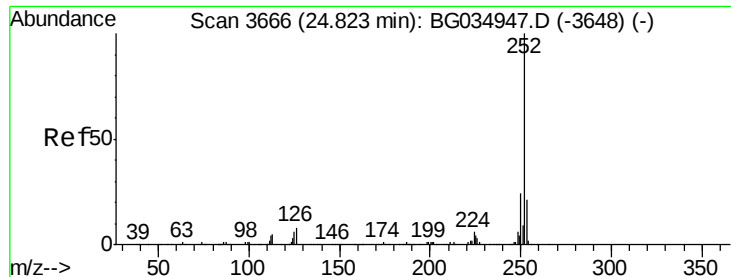
Sohil
6/8/2018 4:44:52 PM



#88
Benzo(k)fluoranthene
Concen: 77.685 ng
RT: 24.02 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	5.5	6.6	9.8





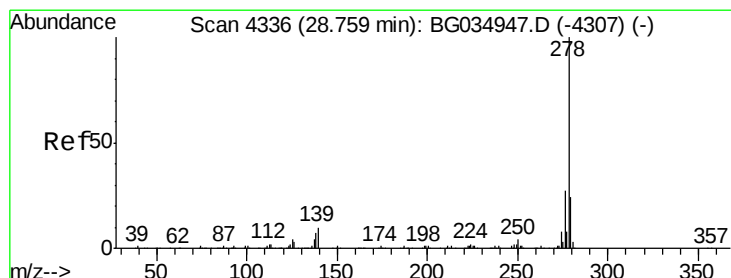
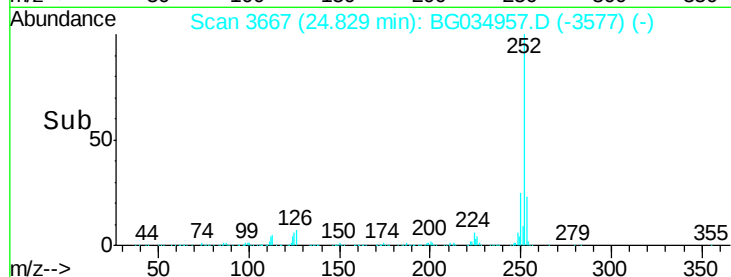
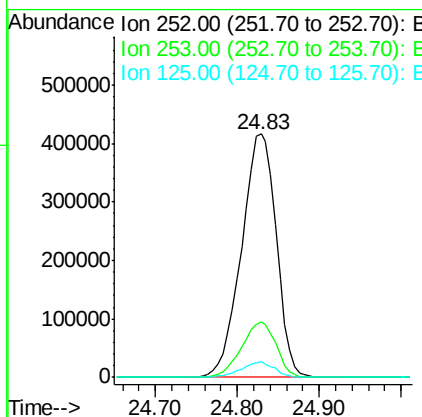
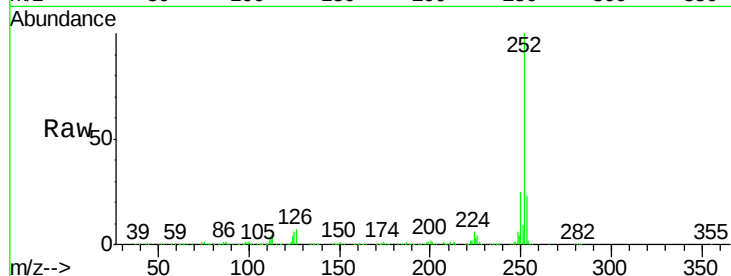
#89
Benzo(a)pyrene
Concen: 76.679 ng
RT: 24.83 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	6.4	7.3	10.9

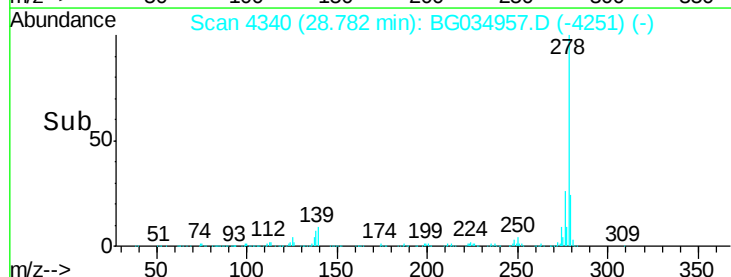
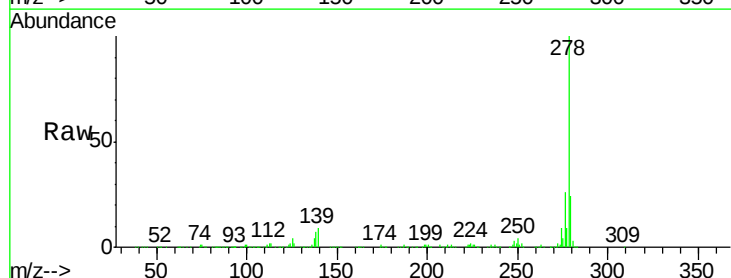
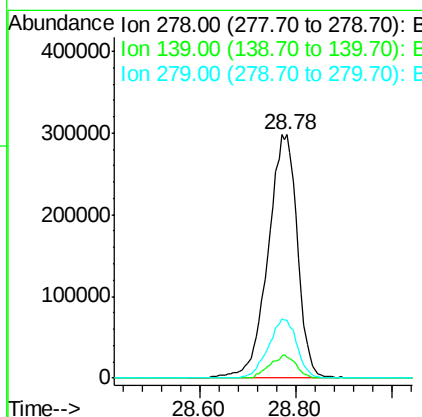
Manual Integrations
APPROVED

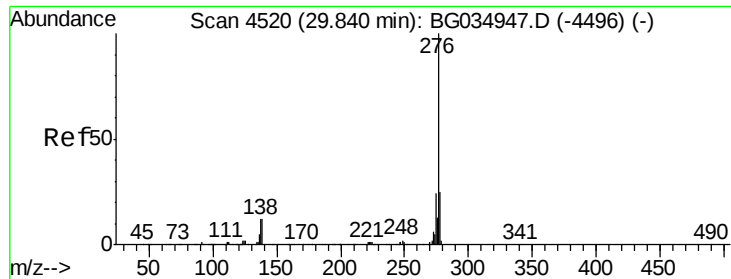
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 79.906 ng
RT: 28.78 min Scan# 4340
Delta R.T. -0.01 min
Lab File: BG034957.D
Acq: 7 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6
279	23.9	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 80.958 ng
 RT: 29.87 min Scan# 4525
 Delta R.T. 0.01 min
 Lab File: BG034957.D
 Acq: 7 Jun 2018 18:05

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	12.4	13.9	20.9

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Sohil
 6/8/2018 4:44:52 PM

