

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034973.D
 Acq On : 8 Jun 2018 5:14
 Operator : SJ/JU
 Sample : PB110005BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Manual Integrations
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Sohil
 6/8/2018 4:45:05 PM

Quant Time: Jun 08 08:11:35 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	49108	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	193554	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	143559	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	366773	20.00	ng	0.00
75) Chrysene-d12	21.72	240	372299	20.00	ng	-0.01
86) Perylene-d12	24.96	264	373269	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	283744	97.51	ng	0.00
7) Phenol-d6	7.23	99	435734	101.45	ng	0.00
23) Nitrobenzene-d5	9.24	82	400076	98.25	ng	-0.01
41) 2,4,6-Tribromophenol	16.19	330	182031	99.05	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	940332	85.15	ng	0.00
78) Terphenyl-d14	20.05	244	1572864	88.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	42593	30.678	ng	# 79
3) Pyridine	3.95	79	127888	34.139	ng	# 77
4) n-Nitrosodimethylamine	3.87	42	60765	37.758	ng	# 83
6) Aniline	7.40	93	129972	23.412	ng	99
8) 2-Chlorophenol	7.64	128	140977	46.219	ng	95
9) Benzaldehyde	7.21	77	76943	23.258	ng	96
10) Phenol	7.26	94	219250	49.329	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	138489	40.144	ng	91
12) 1,3-Dichlorobenzene	7.97	146	144968	39.833	ng	93
13) 1,4-Dichlorobenzene	8.11	146	149433	39.776	ng	97
14) 1,2-Dichlorobenzene	8.43	146	139997	39.672	ng	94
15) Benzyl Alcohol	8.31	79	181812	44.676	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.60	45	166120	48.381	ng	77
17) 2-Methylphenol	8.51	107	146303	49.927	ng	# 92
18) Hexachloroethane	9.16	117	56768	42.207	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	143078	39.212	ng	# 86
20) 3+4-Methylphenols	8.84	107	207884	49.493	ng	93
22) Acetophenone	8.90	105	250359	41.756	ng	# 90
24) Nitrobenzene	9.28	77	202613	48.592	ng	# 91
25) Isophorone	9.81	82	406598	47.295	ng	99
26) 2-Nitrophenol	9.99	139	78690	54.751	ng	# 92
27) 2,4-Dimethylphenol	10.05	122	160830	53.237	ng	90
28) bis(2-Chloroethoxy)methane	10.29	93	209581	45.365	ng	99
29) 2,4-Dichlorophenol	10.53	162	175682	53.445	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	171772	43.579	ng	96
31) Naphthalene	10.94	128	436047	43.366	ng	97
32) Benzoic acid	10.19	122	109321	54.026	ng	94
33) 4-Chloroaniline	11.04	127	35835	8.208	ng	# 85
34) Hexachlorobutadiene	11.22	225	128221	41.828	ng	99
35) Caprolactam	11.82	113	63504m	52.274	ng	
36) 4-Chloro-3-methylphenol	12.15	107	214041	52.236	ng	91
37) 2-Methylnaphthalene	12.53	142	347117	45.534	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	231768	43.343	ng	99
40) Hexachlorocyclopentadiene	12.88	237	342712	102.203	ng	95

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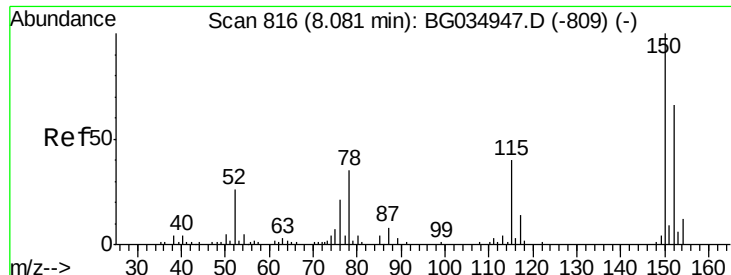
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	162397	50.720	nq	96
43) 2,4,5-Trichlorophenol	13.20	196	172863	49.189	nq	98
45) 1,1'-Biphenyl	13.54	154	483930	41.922	nq	98
46) 2-Chloronaphthalene	13.58	162	376424	43.130	nq	99
47) 2-Nitroaniline	13.77	65	133015	51.612	nq	96
48) Acenaphthylene	14.43	152	641849	43.859	nq	98
49) Dimethylphthalate	14.16	163	542170	43.309	nq	99
50) 2,6-Dinitrotoluene	14.27	165	119146	52.169	nq	93
51) Acenaphthene	14.77	154	428016	44.763	nq	98
52) 3-Nitroaniline	14.60	138	38324	17.101	nq #	89
53) 2,4-Dinitrophenol	14.80	184	85514	92.519	nq #	67
54) Dibenzofuran	15.10	168	613271	42.824	nq	92
55) 4-Nitrophenol	14.90	139	192652	101.858	nq #	87
56) 2,4-Dinitrotoluene	15.05	165	167981	55.369	nq	94
57) Fluorene	15.75	166	512517	42.823	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	178941	52.414	nq	95
59) Diethylphthalate	15.52	149	540525	42.320	nq	98
60) 4-Chlorophenyl-phenylether	15.74	204	294055	43.088	nq	97
61) 4-Nitroaniline	15.76	138	115238	47.948	nq #	84
62) Azobenzene	16.04	77	555197	44.359	nq	97
64) 4,6-Dinitro-2-methylphenol	15.82	198	75659	45.181	nq	88
65) n-Nitrosodiphenylamine	15.95	169	460285	41.789	nq	97
66) 4-Bromophenyl-phenylether	16.64	248	199502	45.168	nq	96
67) Hexachlorobenzene	16.75	284	199587	44.396	nq	98
68) Atrazine	16.91	200	211870	45.106	nq	95
69) Pentachlorophenol	17.09	266	245209	81.115	nq	98
70) Phenanthrene	17.49	178	827442	44.411	nq	98
71) Anthracene	17.58	178	844822	45.268	nq	98
72) Carbazole	17.85	167	779244	45.001	nq	99
73) Di-n-butylphthalate	18.41	149	887067	42.980	nq #	98
74) Fluoranthene	19.49	202	1071121	44.180	nq	96
76) Benzidine	19.67	184	315537	22.781	nq	98
77) Pyrene	19.85	202	1072099	43.681	nq	97
79) Butylbenzylphthalate	20.75	149	407272	45.698	nq	95
80) Benzo(a)anthracene	21.70	228	1071757	45.049	nq	99
81) 3,3'-Dichlorobenzidine	21.61	252	175131	19.566	nq #	99
82) Chrysene	21.77	228	989381	45.421	nq	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	565694	44.921	nq	99
84) Di-n-octyl phthalate	22.86	149	982064	45.456	nq #	95
85) Indeno(1,2,3-cd)pyrene	28.67	276	1206403	47.289	nq #	86
87) Benzo(b)fluoranthene	23.94	252	1071620	46.619	nq #	97
88) Benzo(k)fluoranthene	24.01	252	987430	43.913	nq #	96
89) Benzo(a)pyrene	24.81	252	1027726	47.514	nq #	97
90) Dibenzo(a,h)anthracene	28.74	278	973817	45.607	nq #	96
91) Benzo(g,h,i)perylene	29.82	276	995554	47.642	nq #	95

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



#1

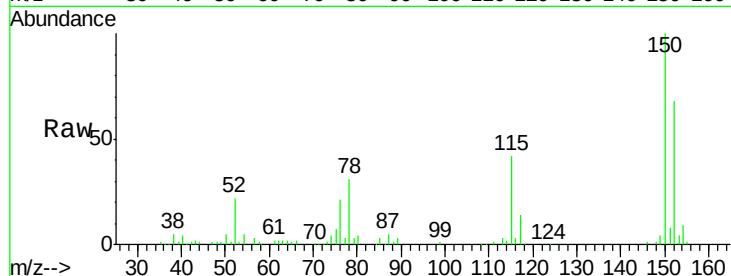
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
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PB110005BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	126.6	189.8
115	60.7	53.0	79.4

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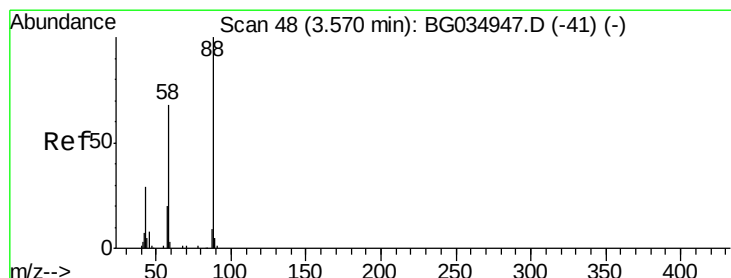
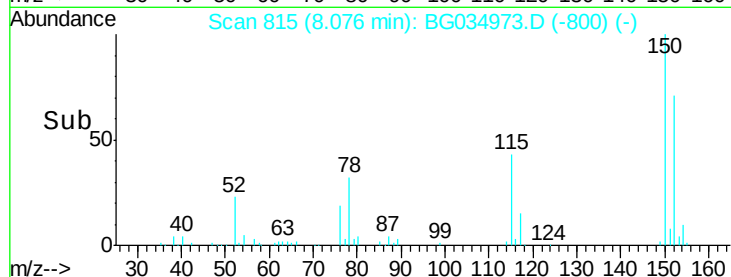
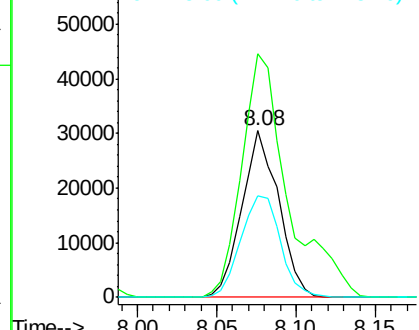


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

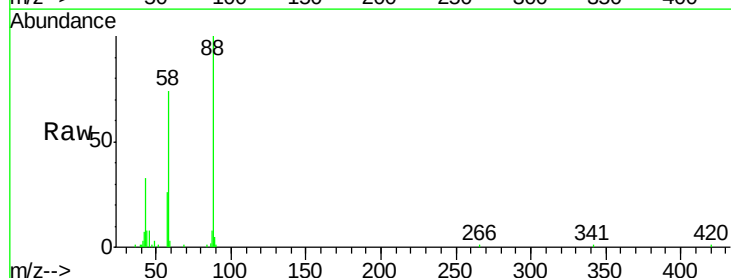
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.678 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	79.6	119.4#
43	34.6	27.4	41.0

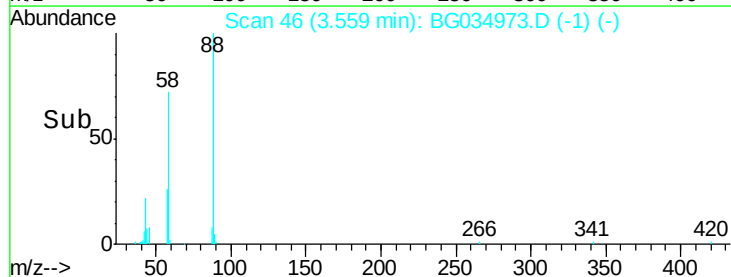
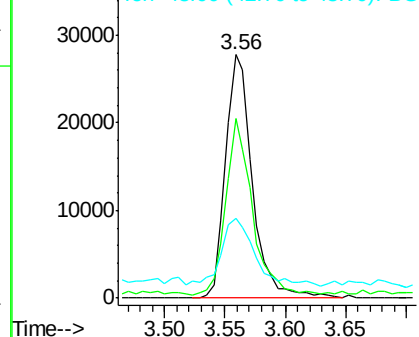


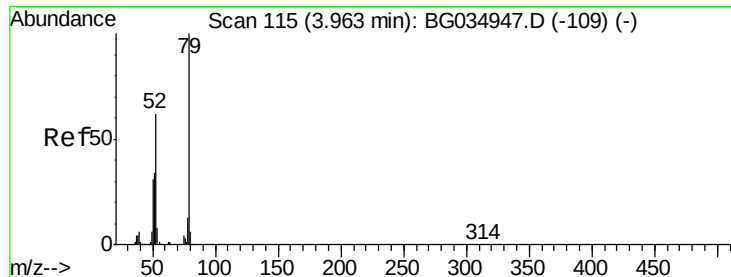
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.139 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

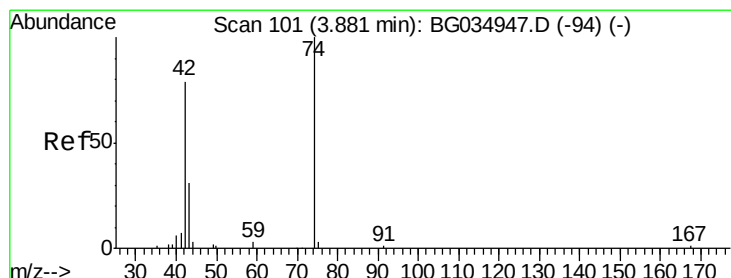
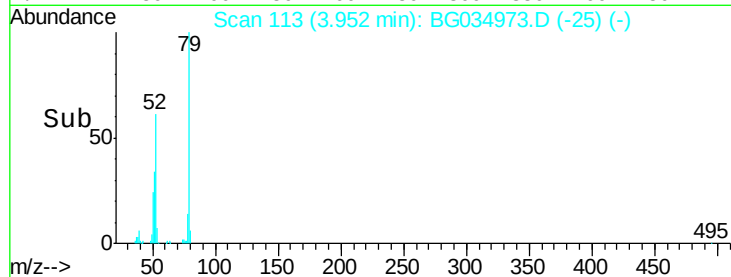
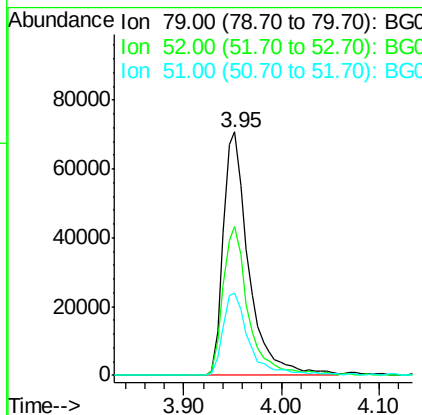
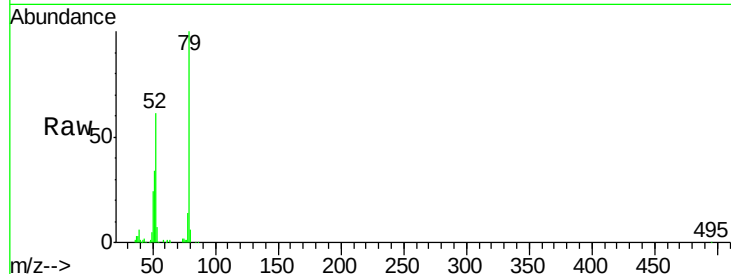
ClientSampleId :

PB110005BS

Tot Ion:	79	Resp:	127888
Ion Ratio	Lower	Upper	
79	100		
52	61.4	69.9	104.9#
51	33.8	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 37.758 ng

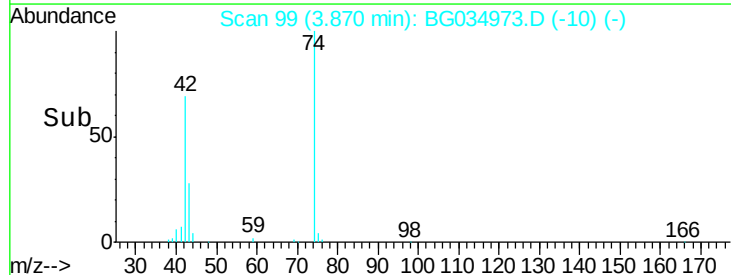
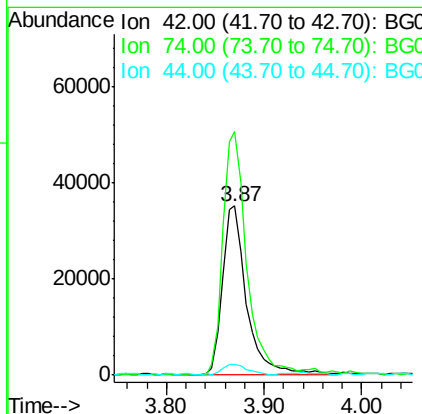
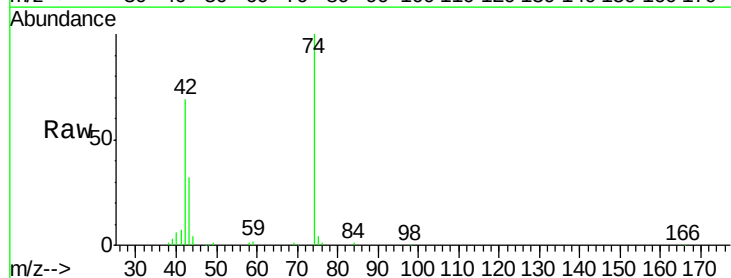
RT: 3.87 min Scan# 99

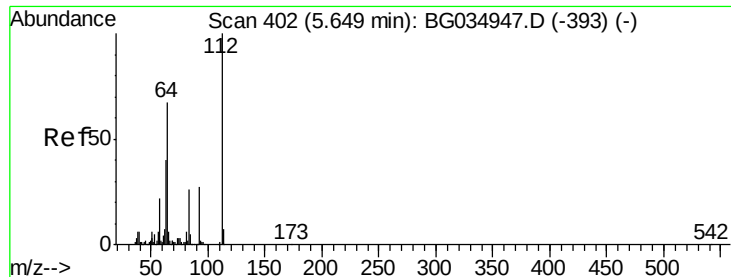
Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	42	Resp:	60765
Ion Ratio	Lower	Upper	
42	100		
74	144.0	102.5	153.7
44	6.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 97.509 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

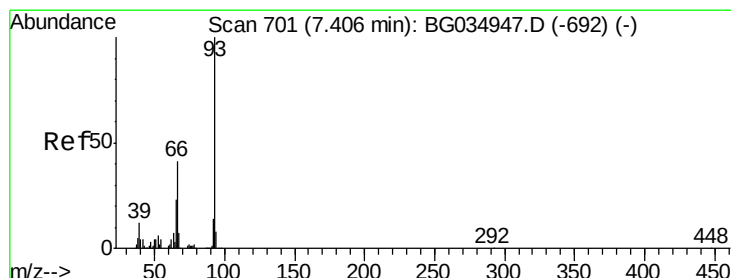
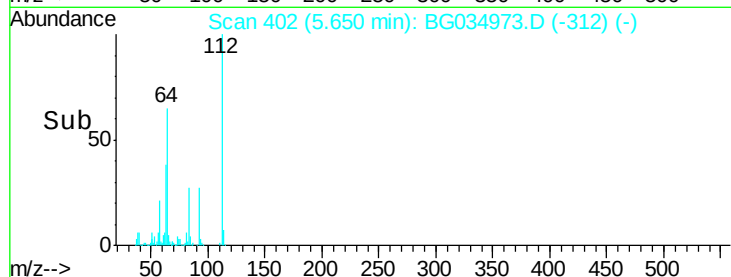
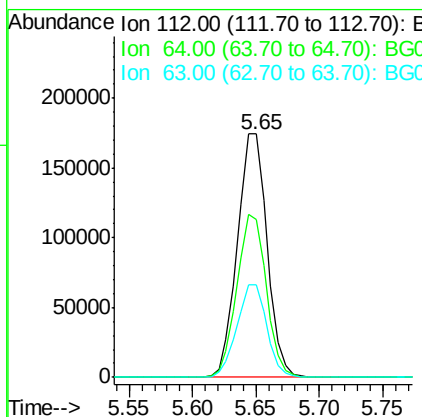
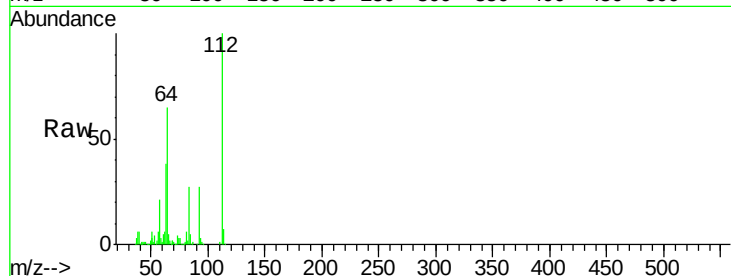
ClientSampleId :

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Tot Ion:	112	Resp:	283744
Ion Ratio	Lower	Upper	
112	100		
64	64.7	56.3	84.5
63	38.2	30.1	45.1

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#6

Aniline

Concen: 23.412 ng

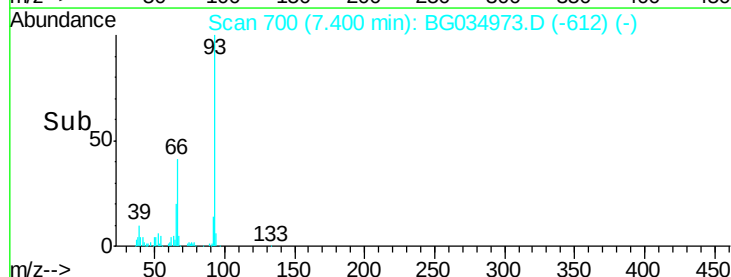
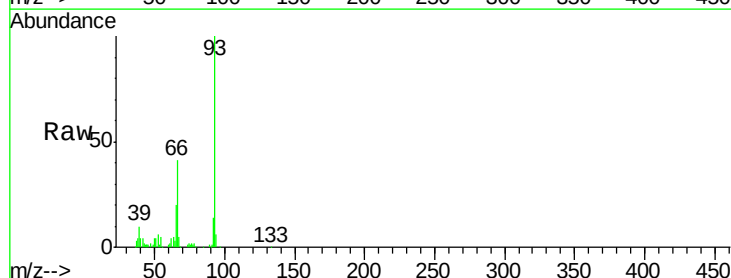
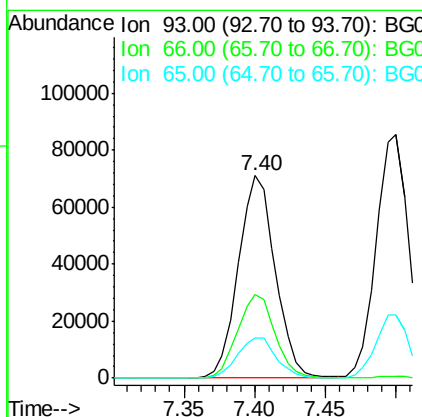
RT: 7.40 min Scan# 700

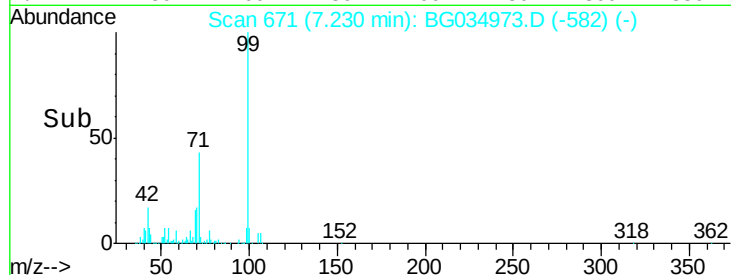
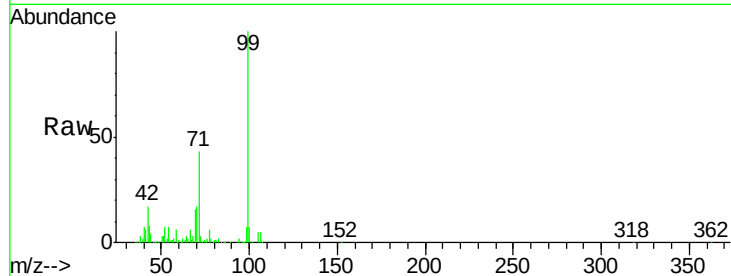
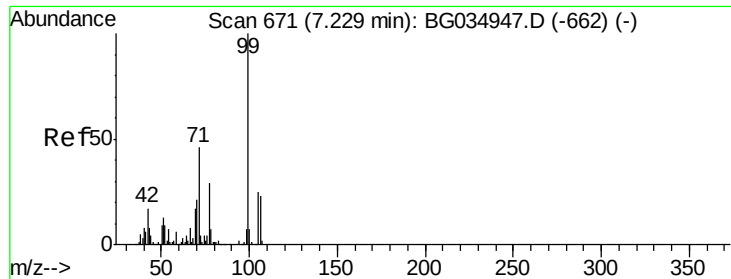
Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	93	Resp:	129972
Ion Ratio	Lower	Upper	
93	100		
66	41.3	33.7	50.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 101.455 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		435734		
42	16.8	14.1	21.1		
71	43.2	26.1	39.1#		

Instrument :

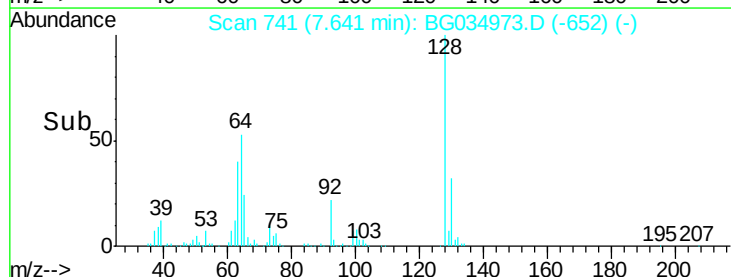
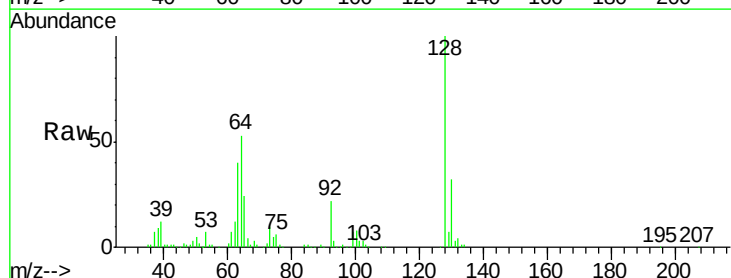
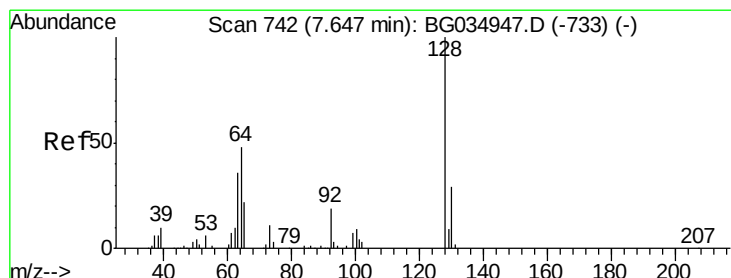
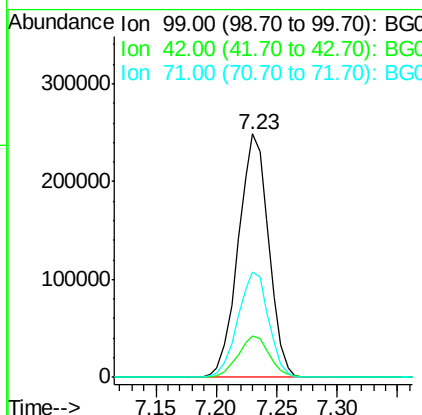
BNA_G

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#8

2-Chlorophenol

Concen: 46.219 ng

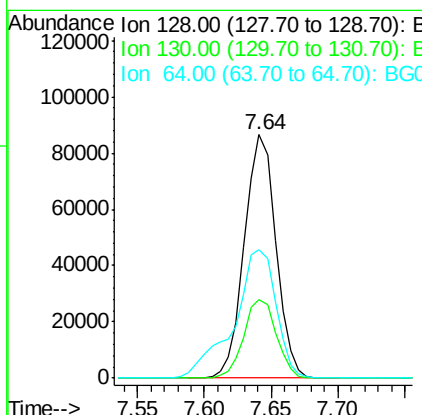
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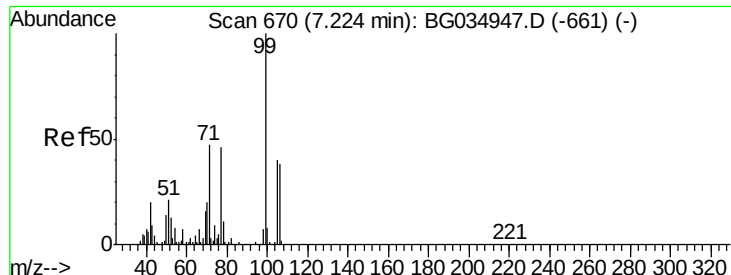
Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		140977		
130	32.4	14.0	54.0		
64	52.7	37.7	77.7		





#9

Benzaldehyde

Concen: 23.258 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

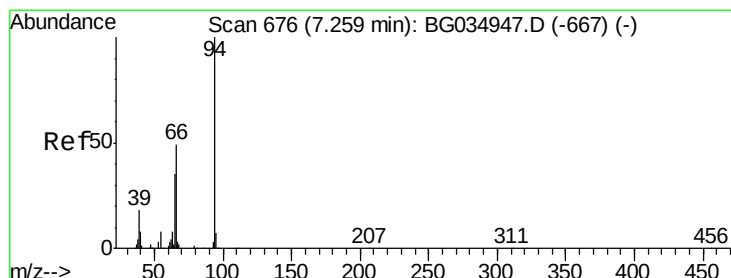
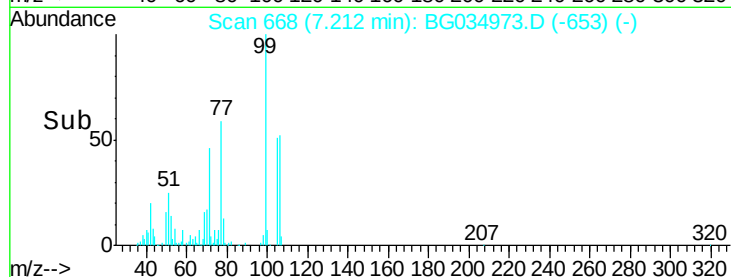
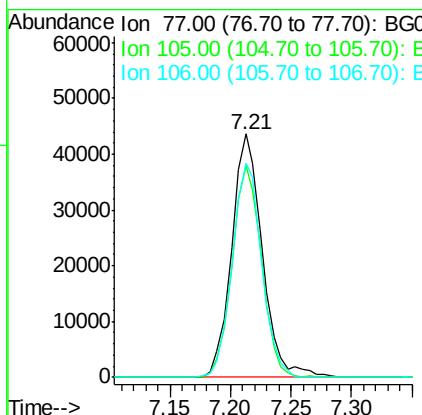
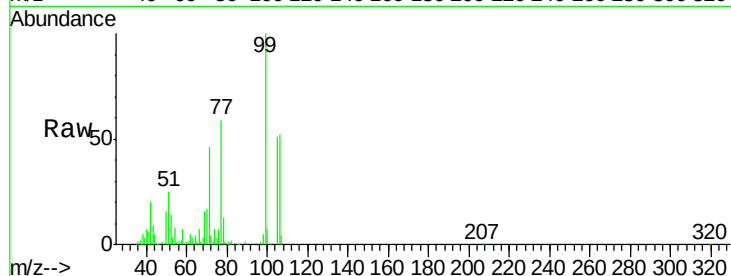
ClientSampleId :

PB110005BS

Tot Ion:	77	Resp:	76943
Ion	Ratio	Lower	Upper
77	100		
105	87.0	71.3	111.3
106	87.8	64.2	104.2

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#10

Phenol

Concen: 49.329 ng

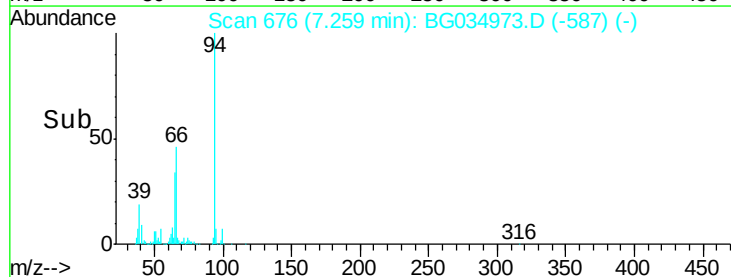
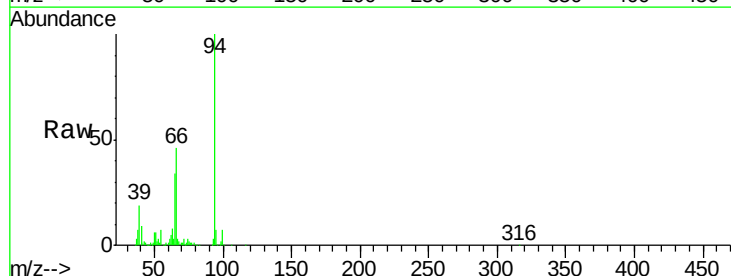
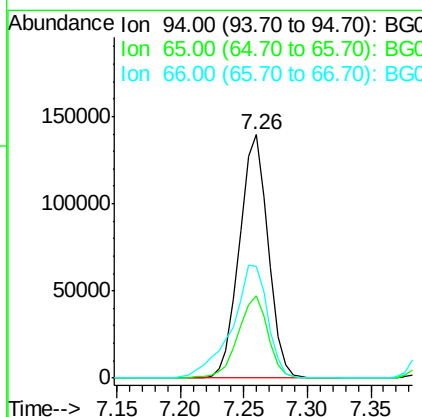
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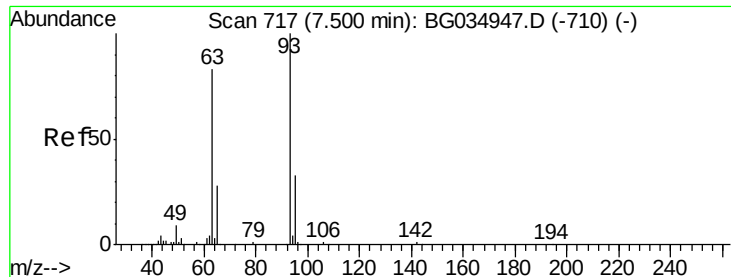
Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	94	Resp:	219250
Ion	Ratio	Lower	Upper
94	100		
65	33.7	11.9	51.9
66	46.0	22.2	62.2





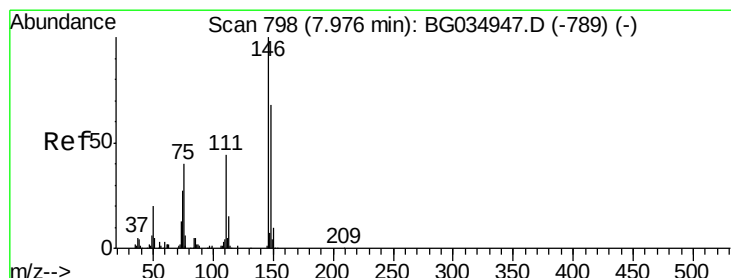
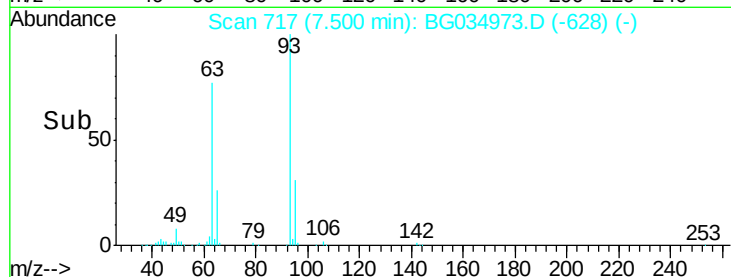
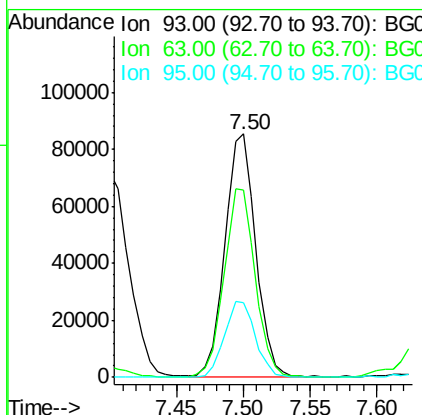
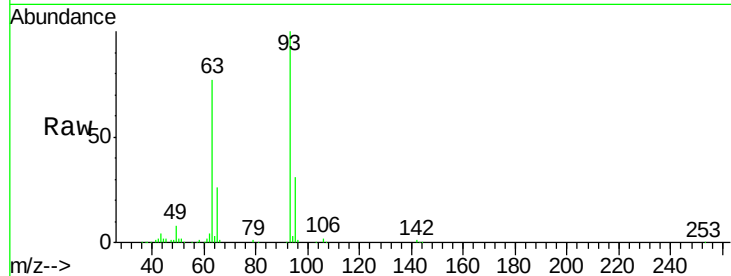
#11
bis(2-Chloroethyl)ether
Concen: 40.144 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.7	67.1	107.1
95	30.8	11.5	51.5

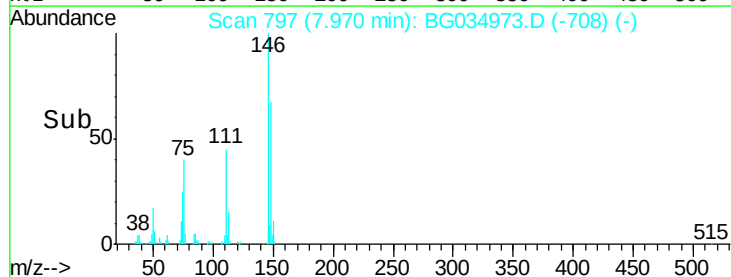
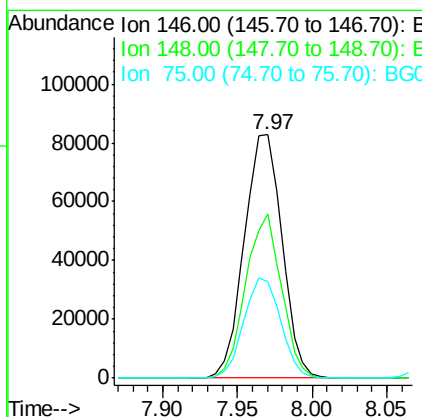
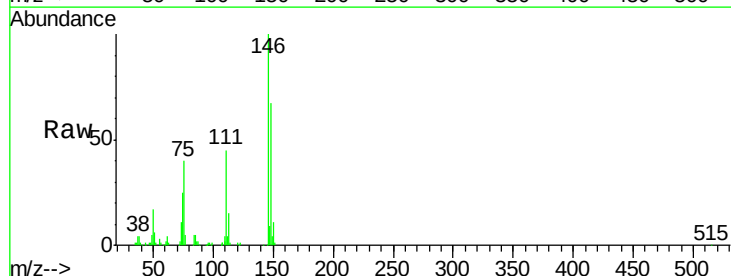
Manual Integrations
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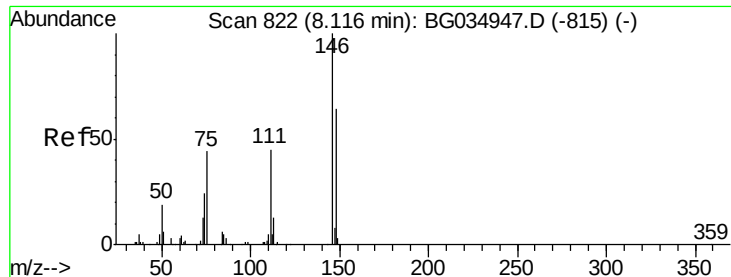
Sohil
6/8/2018 4:45:05 PM



#12
1,3-Dichlorobenzene
Concen: 39.833 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	51.4	77.2
75	39.7	26.6	39.8





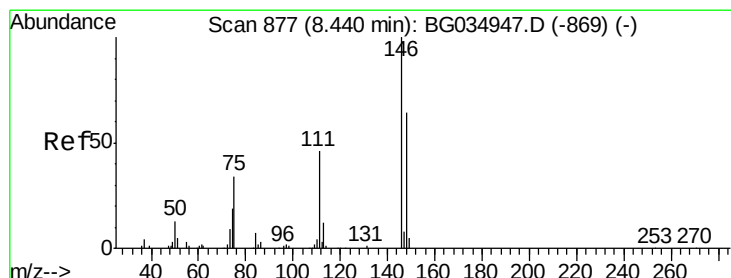
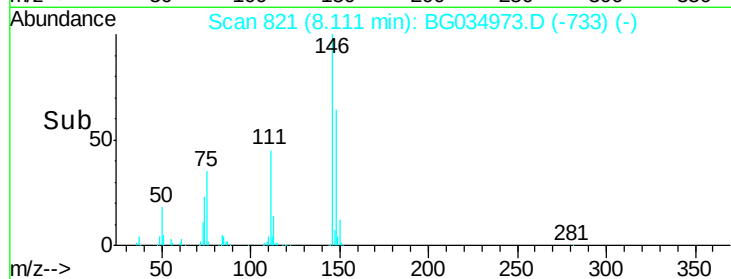
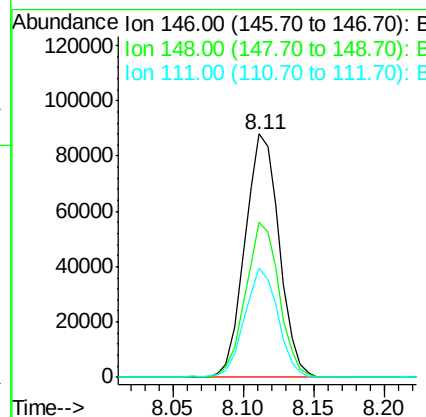
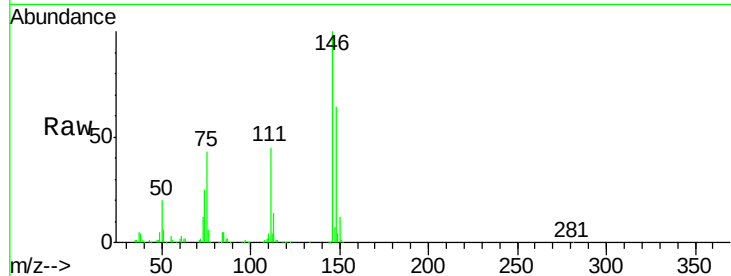
#13
 1,4-Dichlorobenzene
 Concen: 39.776 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.7	80.5
111	44.7	35.2	52.8

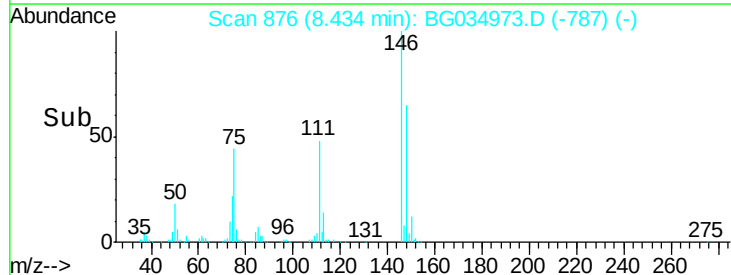
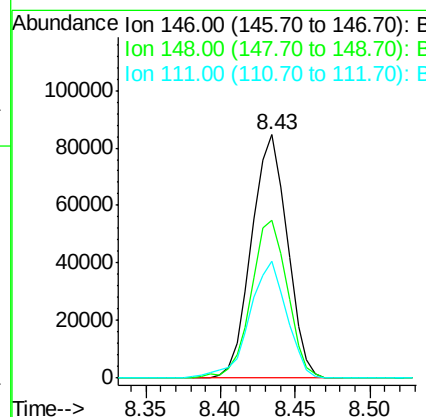
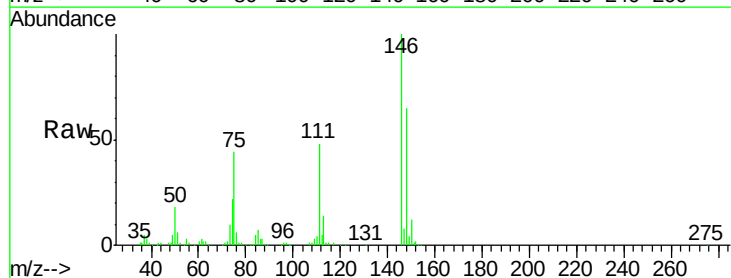
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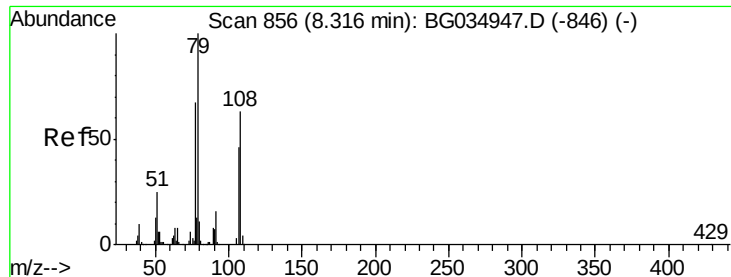
Sohil
 6/8/2018 4:45:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.672 ng
 RT: 8.43 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	49.3	73.9
111	47.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.676 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

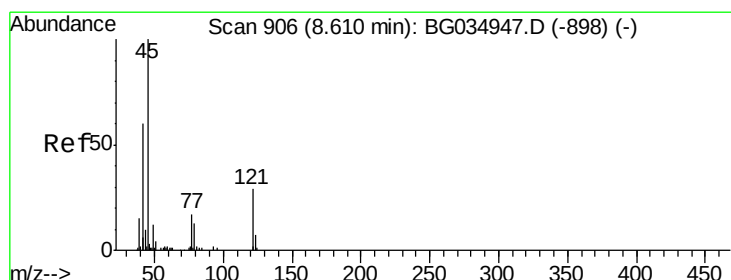
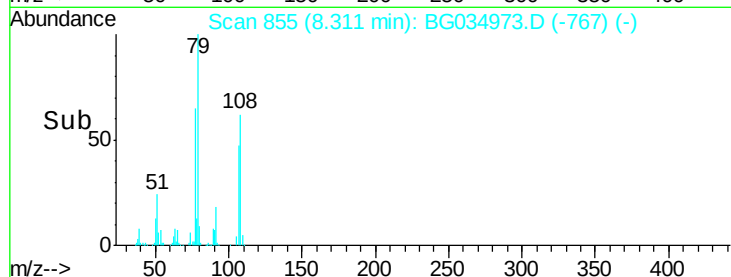
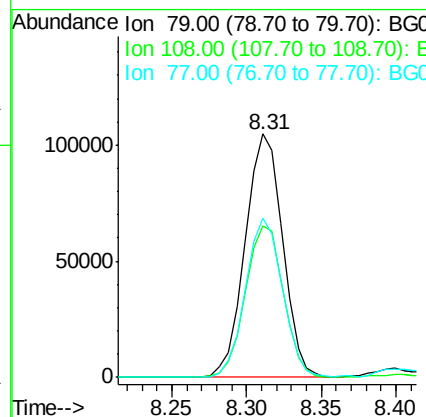
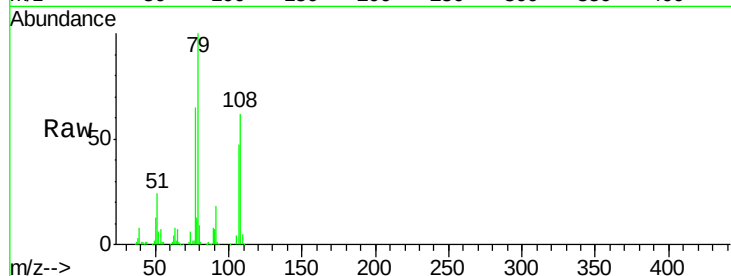
ClientSampled :

PB110005BS

Tot Ion:	79	Resp:	181812
Ion Ratio	Lower	Upper	
79	100		
108	62.1	57.2	85.8
77	65.5	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.381 ng

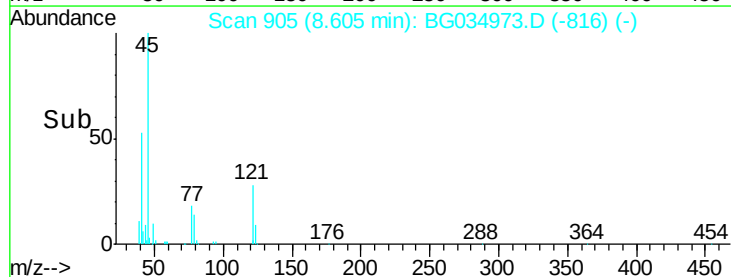
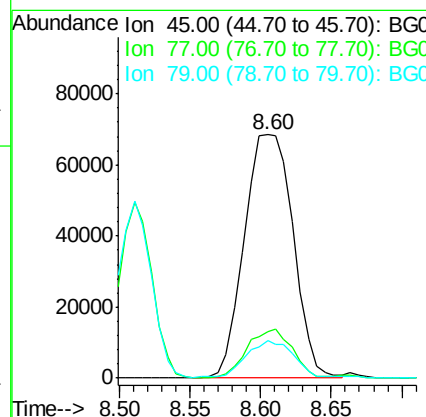
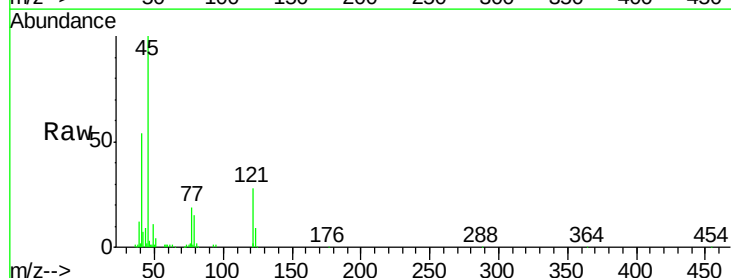
RT: 8.60 min Scan# 905

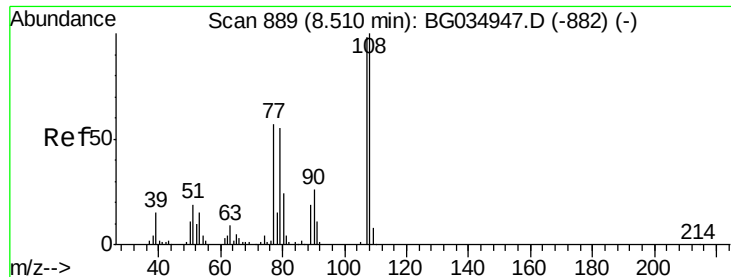
Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	45	Resp:	166120
Ion Ratio	Lower	Upper	
45	100		
77	19.2	0.0	30.2
79	15.2	0.0	27.9





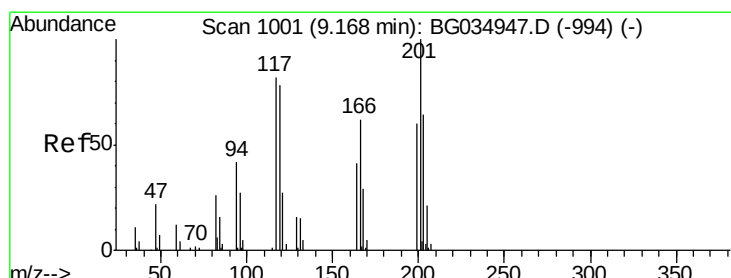
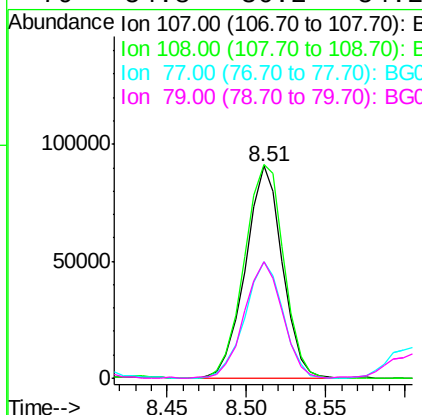
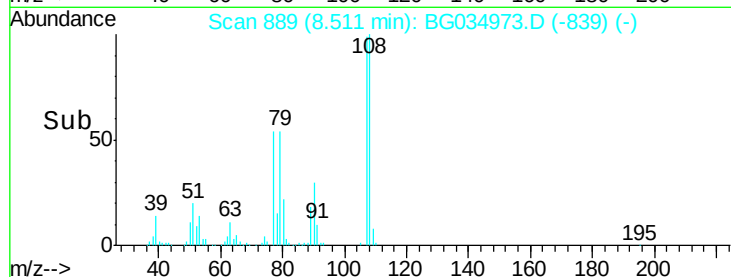
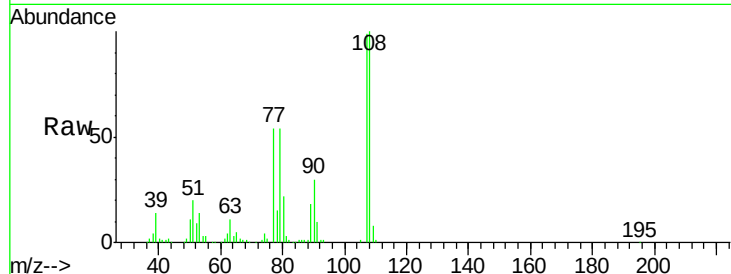
#17
2-Methylphenol
Concen: 49.927 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampled :
PB110005BS

Tot Ion	107	Resp	146303
Ion Ratio	Lower	Upper	
107	100		
108	100.7	83.9	125.9
77	54.7	37.2	55.8
79	54.8	36.2	54.2#

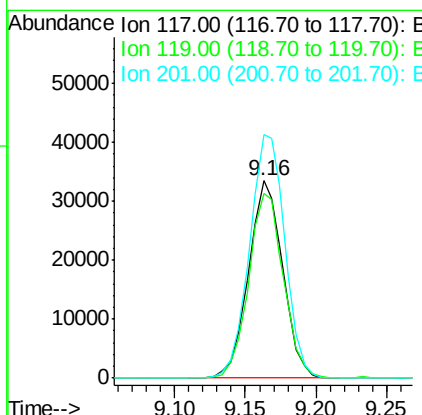
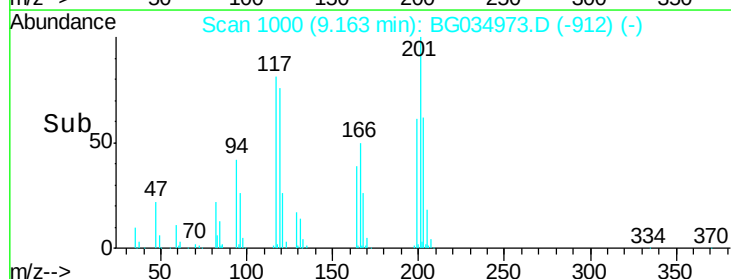
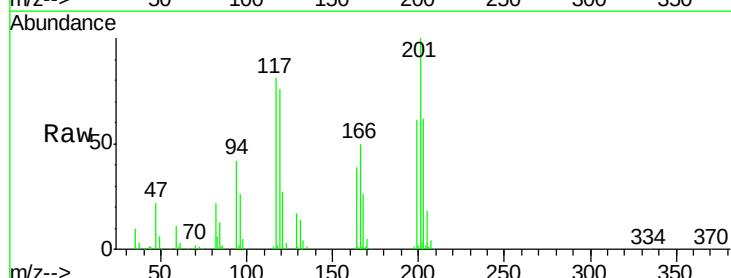
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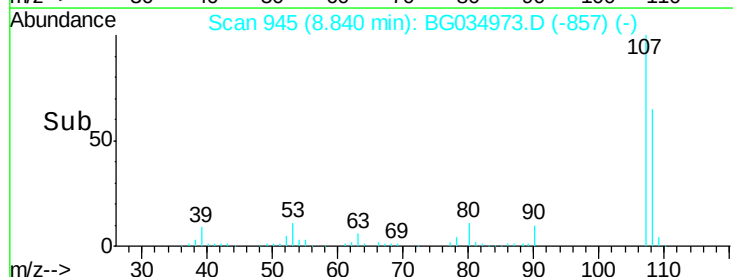
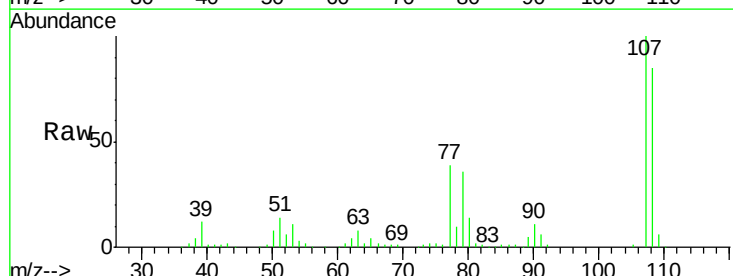
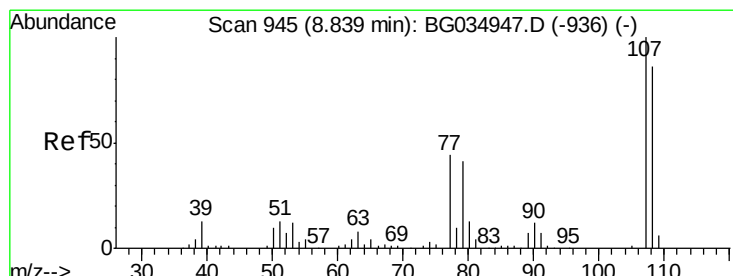
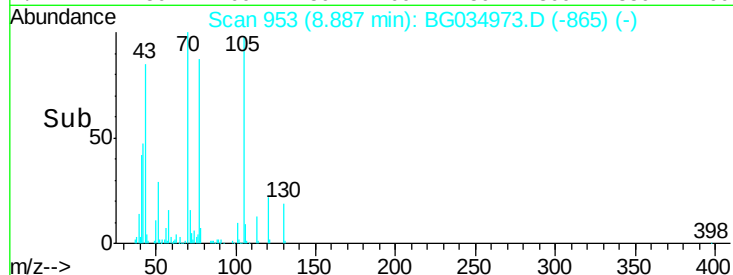
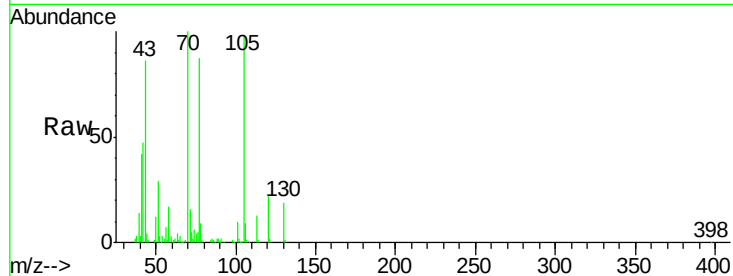
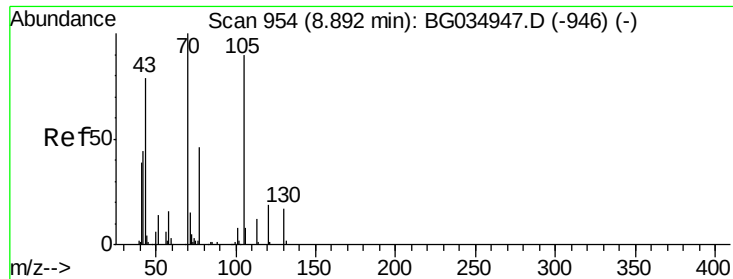
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#18
Hexachloroethane
Concen: 42.207 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

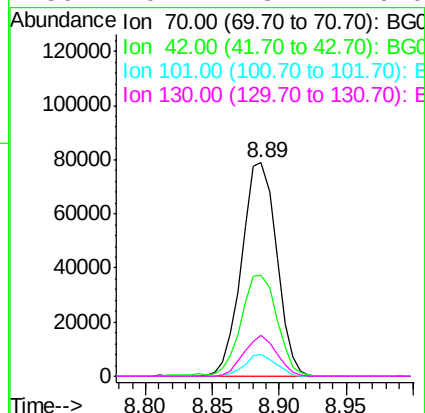
Tgt Ion	117	Resp	56768
Ion Ratio	Lower	Upper	
117	100		
119	93.8	76.7	115.1
201	123.6	95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.212 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.2	49.1	73.7#	
101	10.2	8.5	12.7	
130	19.1	13.4	20.0	



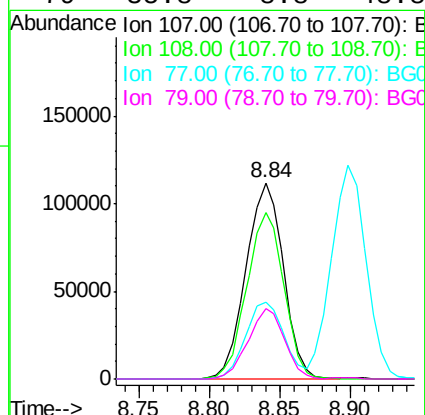
Instrument :
BNA_G
ClientSampleId :
PB110005BS

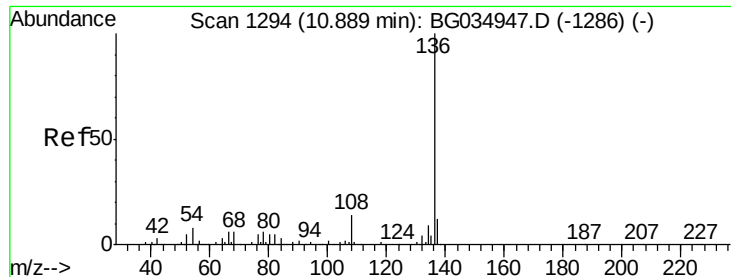
Manual Integrations
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#20
3+4-Methylphenols
Concen: 49.493 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	61.6	101.6	
77	39.1	13.9	53.9	
79	35.8	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

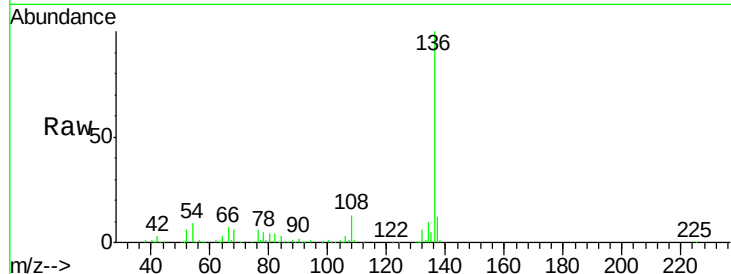
ClientSampleId :

PB110005BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.5	9.2	13.8
54	8.5	10.3	15.5#
68	5.8	4.5	6.7

Manual Integrations
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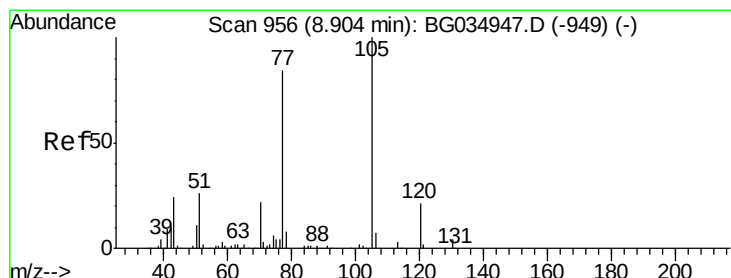
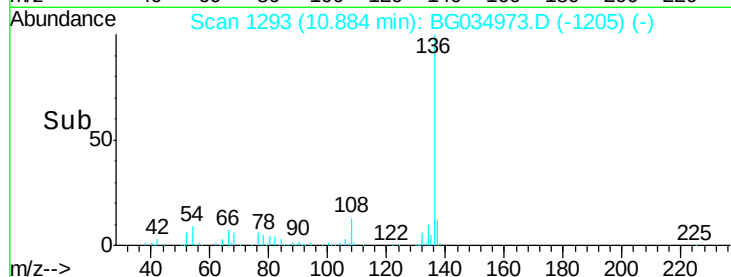
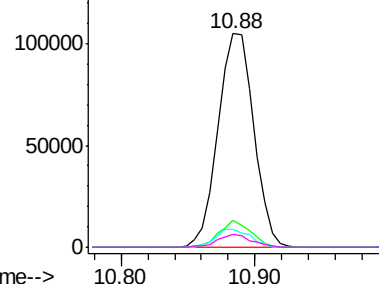


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.756 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

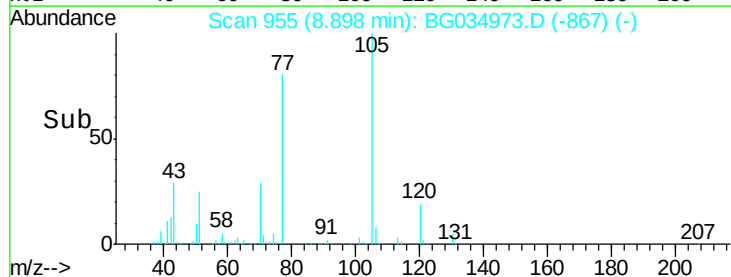
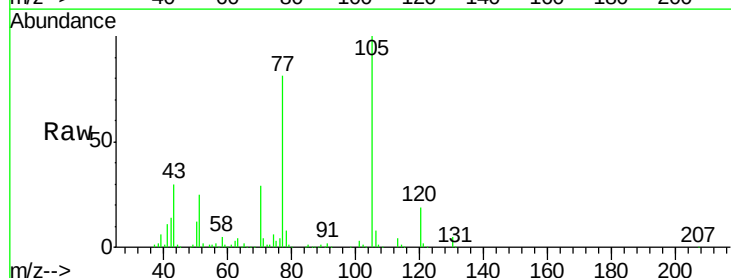
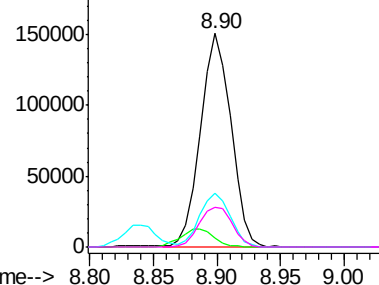
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.2	3.0	4.4
51	25.1	26.1	39.1#
120	18.8	17.4	26.2

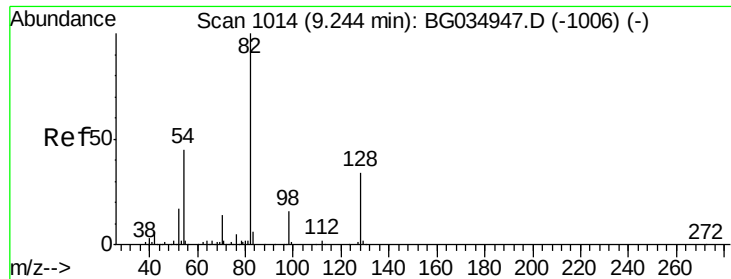
Abundance Ion 105.00 (104.70 to 105.70): E

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





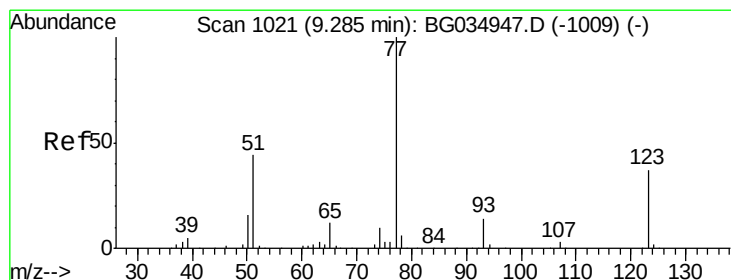
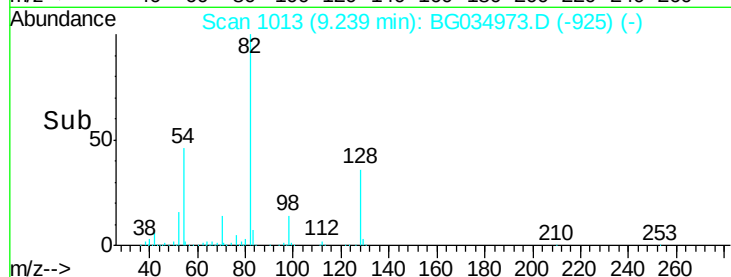
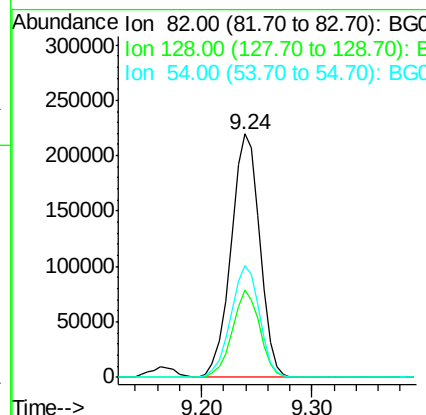
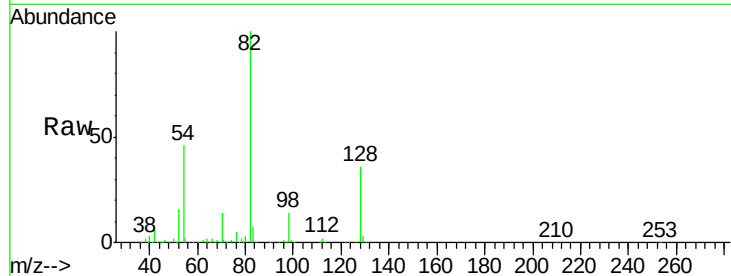
#23
Nitrobenzene-d5
Concen: 98.253 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampled :
PB110005BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.7	44.5
54	45.9	43.1	64.7

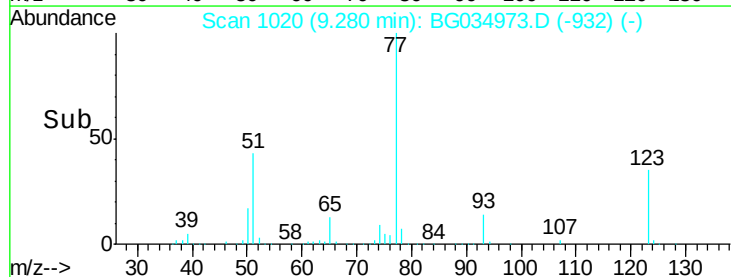
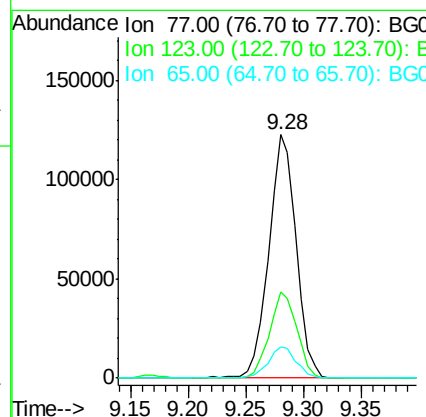
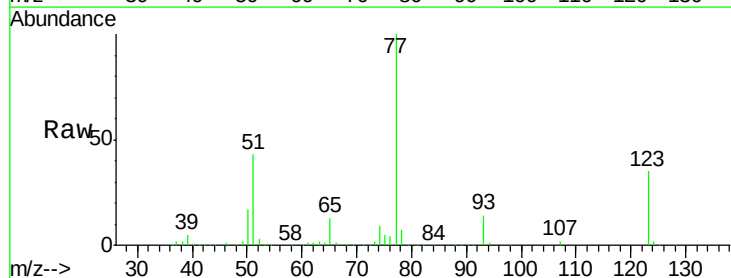
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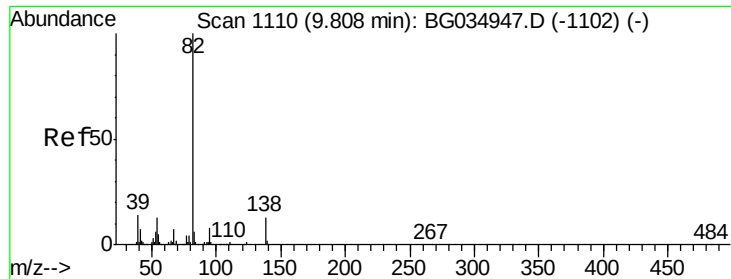
Sohil
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#24
Nitrobenzene
Concen: 48.592 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.3	33.0	49.6
65	12.9	13.0	19.6#





#25

Isophorone

Concen: 47.295 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

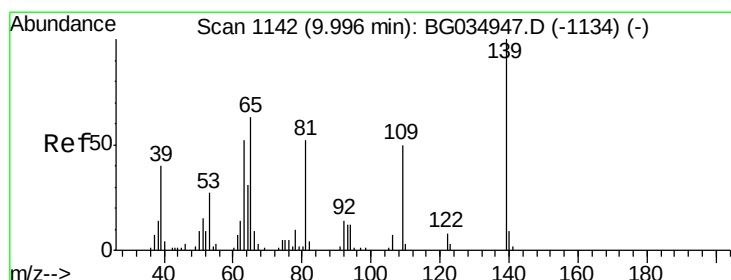
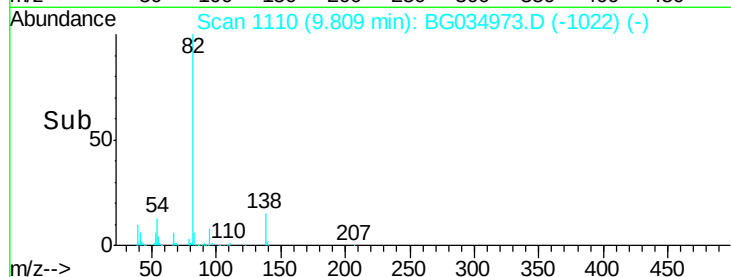
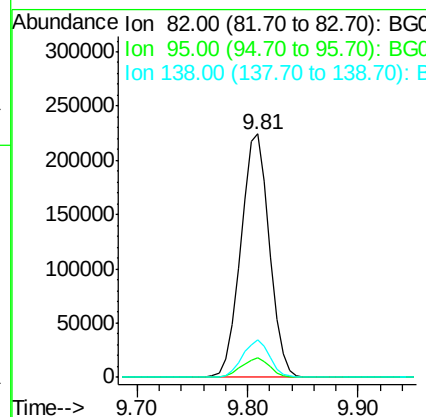
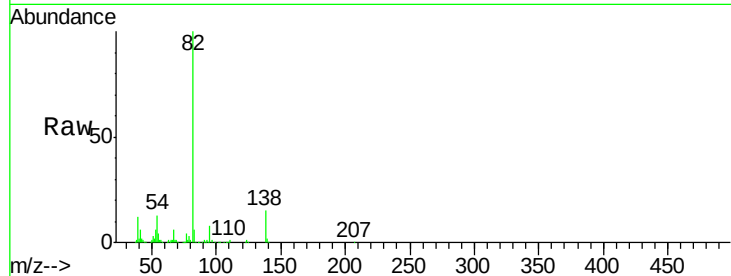
ClientSampleId :

PB110005BS

Tot Ion	82	Resp	406598
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	15.5	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.751 ng

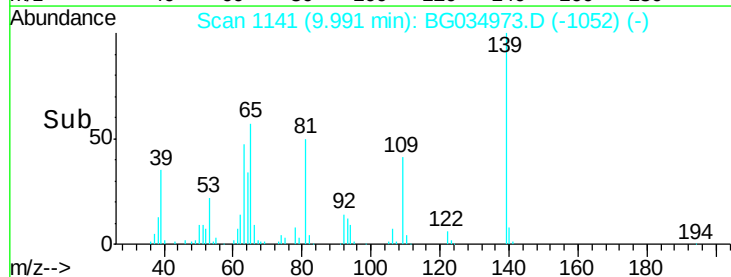
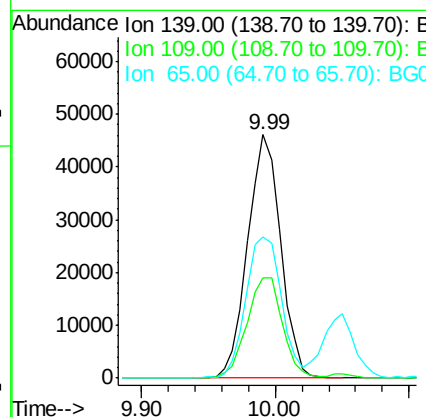
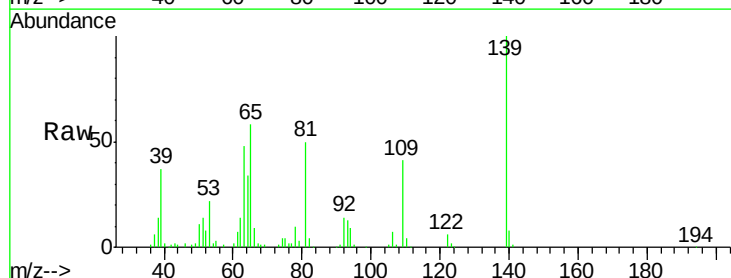
RT: 9.99 min Scan# 1141

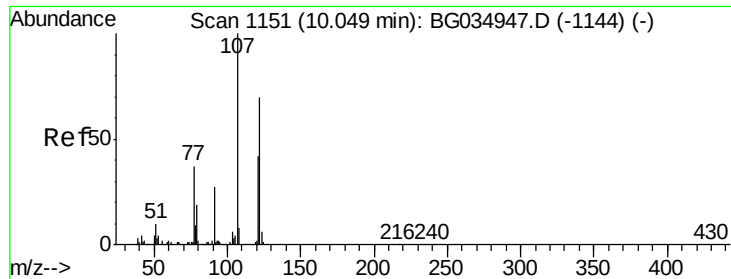
Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion	139	Resp	78690
Ion Ratio	Lower	Upper	
139	100		
109	41.3	24.2	36.2#
65	57.9	47.4	71.0





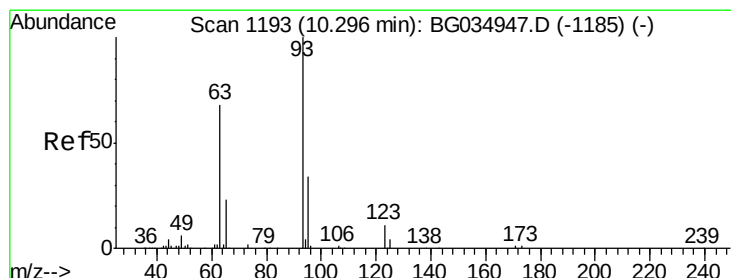
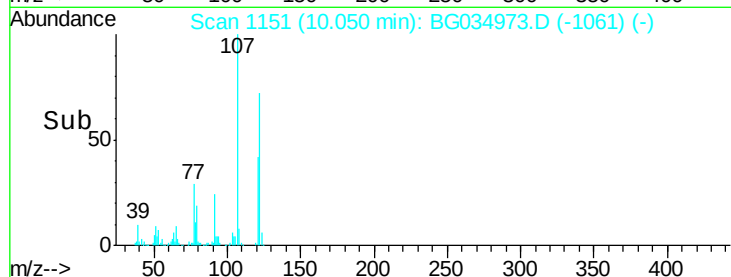
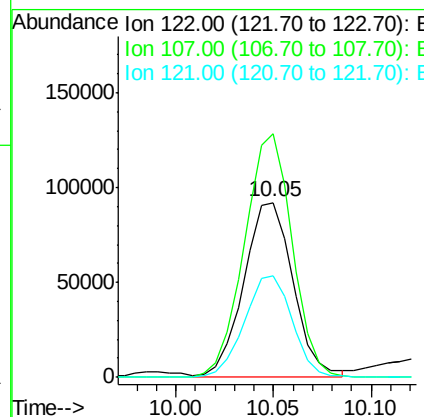
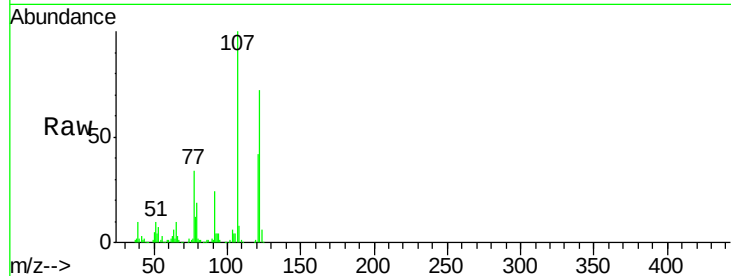
#27
 2,4-Dimethylphenol
 Concen: 53.237 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	160830		
107	139.5	100.2	150.2	
121	58.5	44.4	66.6	

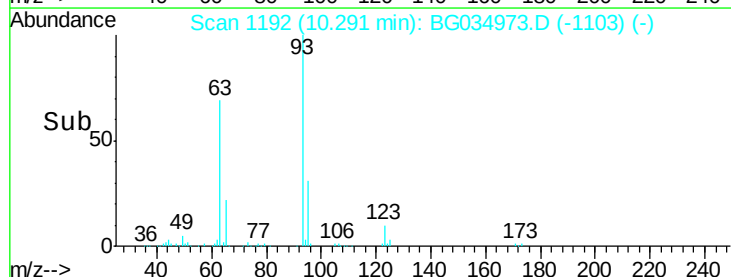
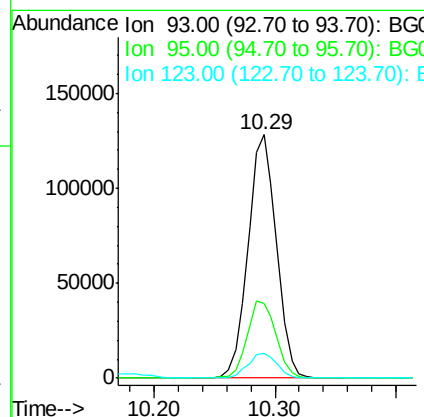
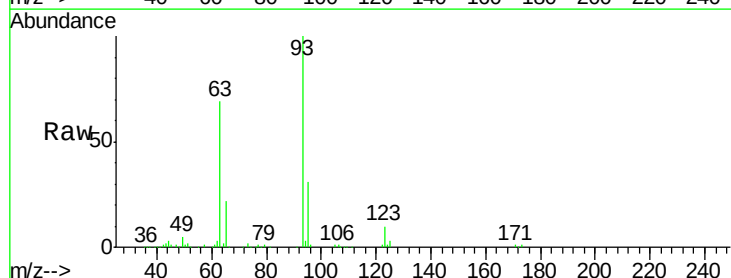
Manual Integrations
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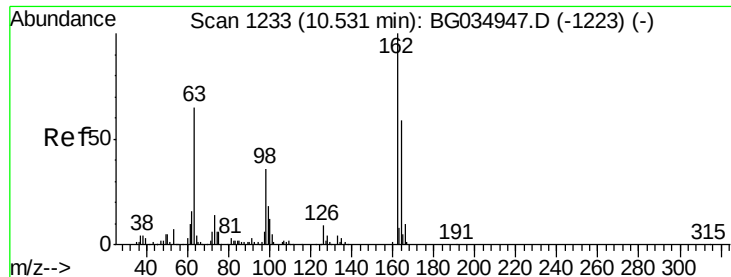
Sohil
 6/8/2018 4:45:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.365 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209581		
95	30.9	24.3	36.5	
123	10.2	8.4	12.6	





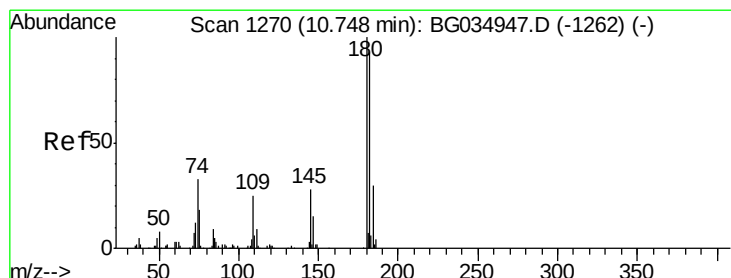
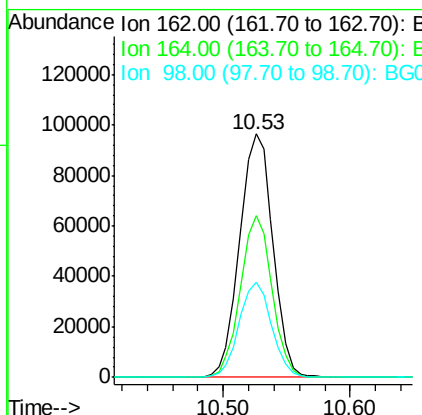
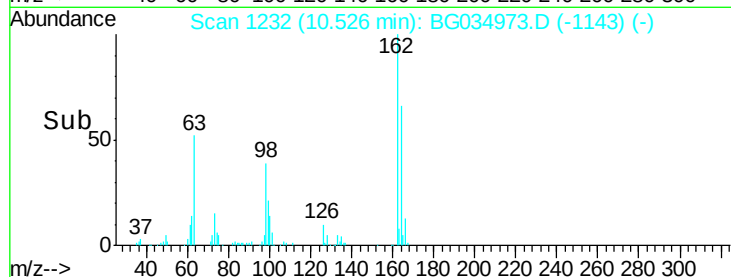
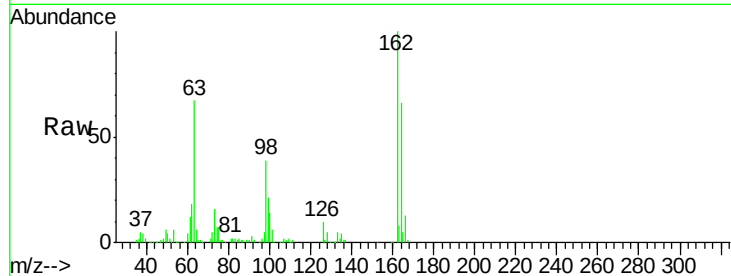
#29
 2,4-Dichlorophenol
 Concen: 53.445 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.5	48.0	88.0
98	39.2	21.1	61.1

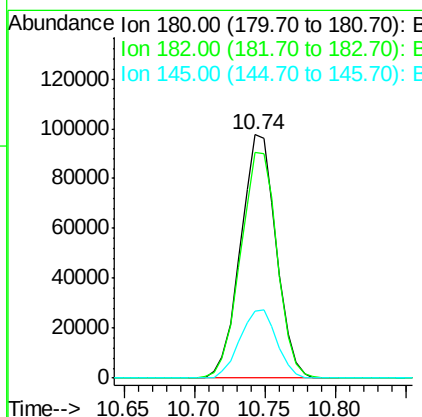
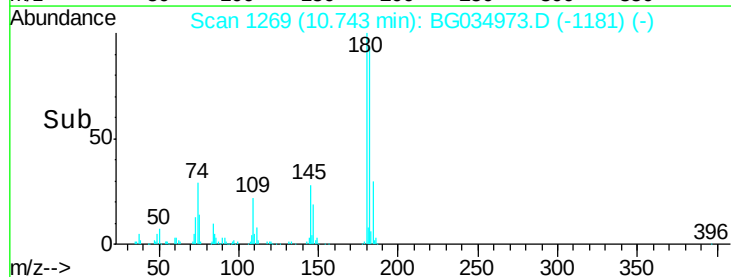
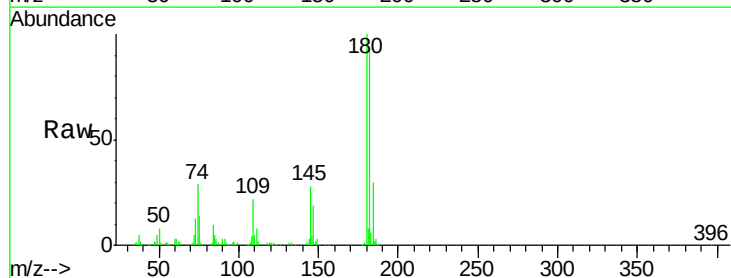
Manual Integrations
 APPROVED

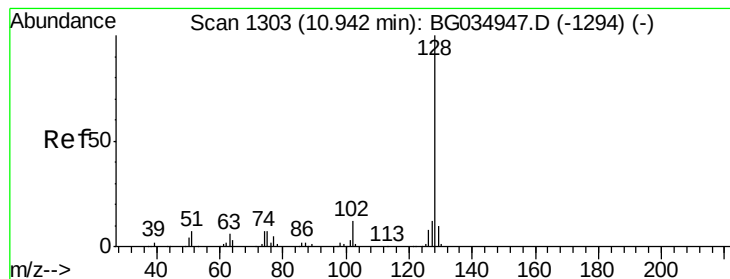
Sohil
 6/8/2018 4:45:05 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.579 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.6	77.5	116.3
145	27.6	23.4	35.2





#31

Naphthalene

Concen: 43.366 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

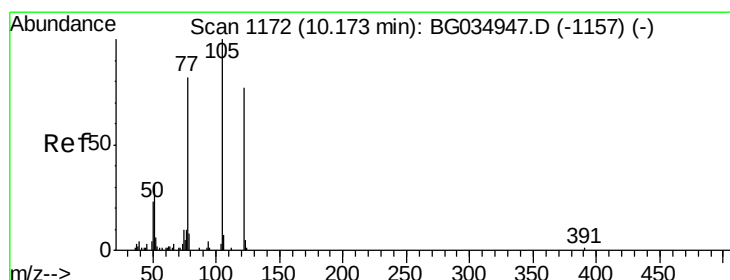
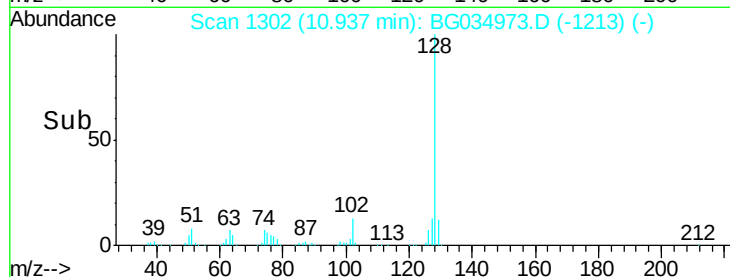
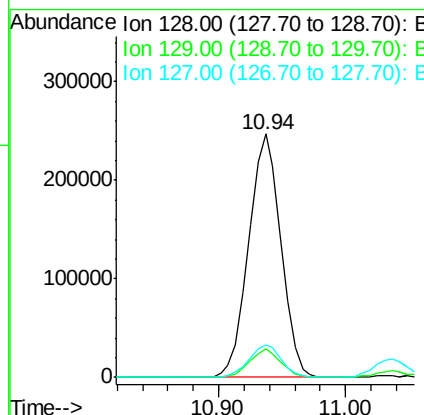
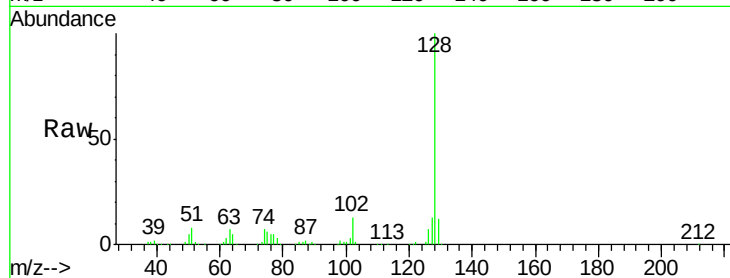
ClientSampleId :

PB110005BS

Tot Ion:	128	Resp:	436047
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.3	11.6	17.4

Manual Integrations
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#32

Benzoic acid

Concen: 54.026 ng

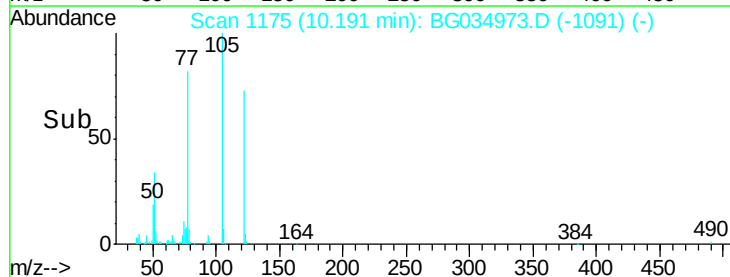
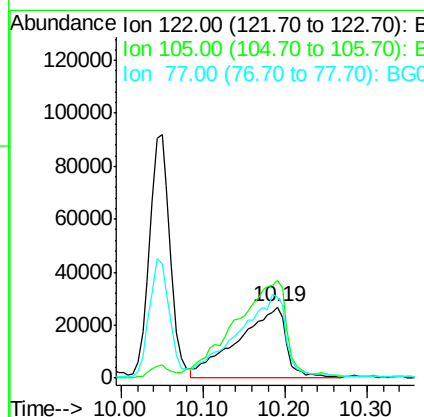
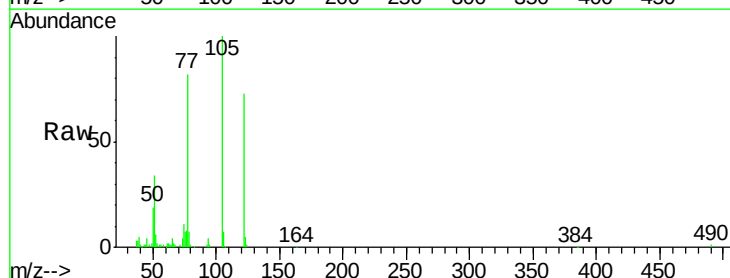
RT: 10.19 min Scan# 1175

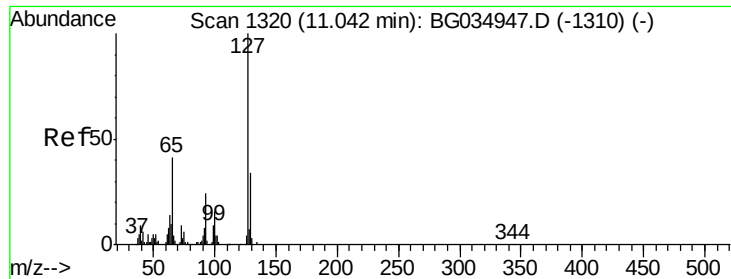
Delta R.T. -0.03 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	122	Resp:	109321
Ion	Ratio	Lower	Upper
122	100		
105	137.4	123.5	163.5
77	112.7	85.7	125.7





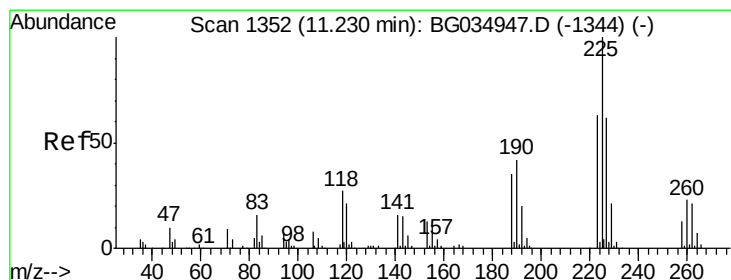
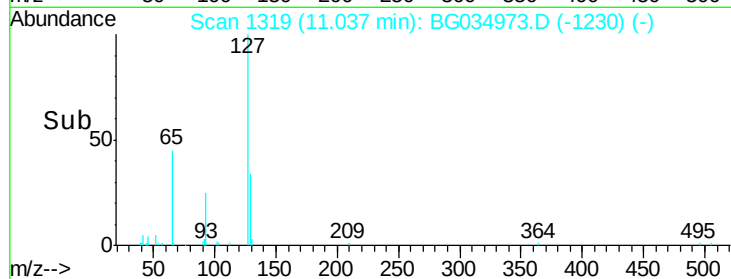
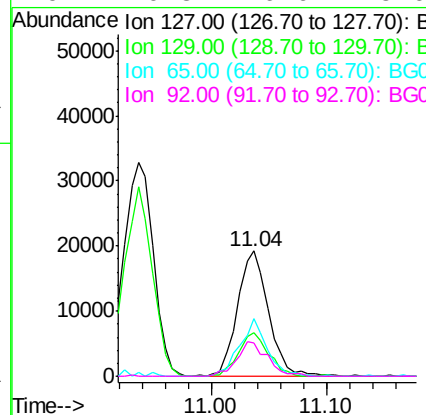
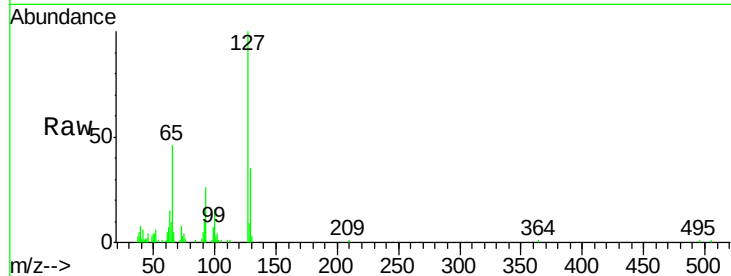
#33
4-Chloroaniline
Concen: 8.208 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.5	24.0	36.0		
65	46.2	27.0	40.4		
92	26.3	16.6	25.0		

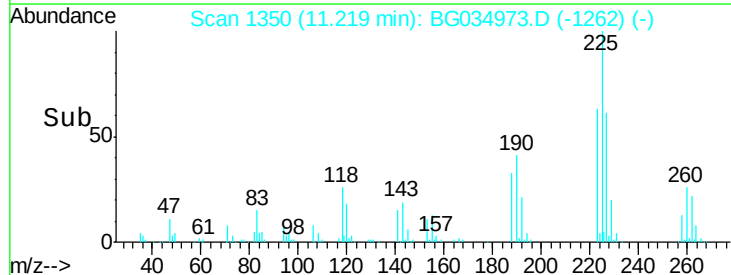
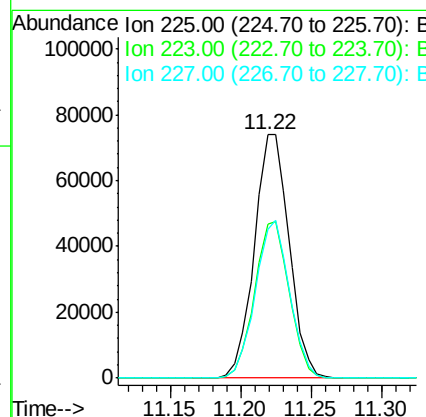
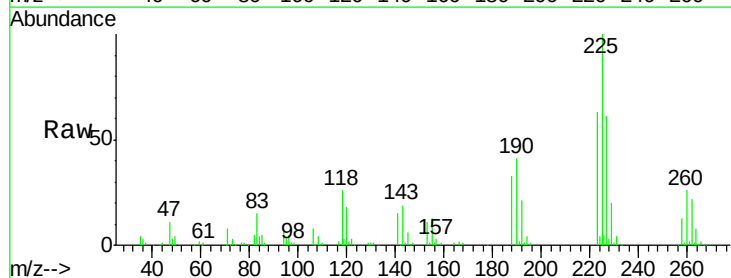
Manual Integrations
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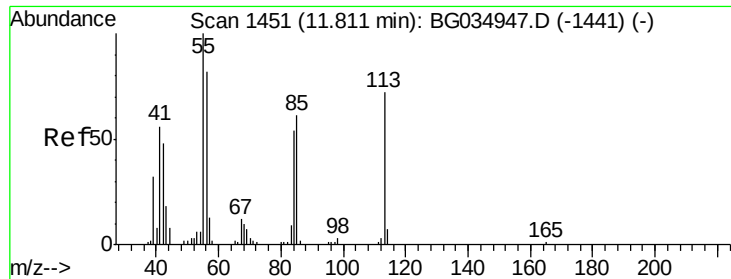
Sohil
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#34
Hexachlorobutadiene
Concen: 41.828 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.7	74.5		
227	61.0	48.1	72.1		





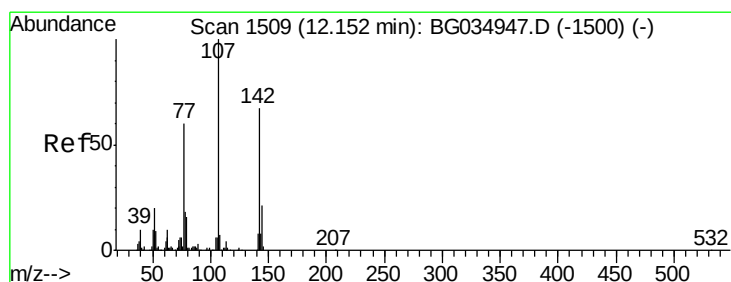
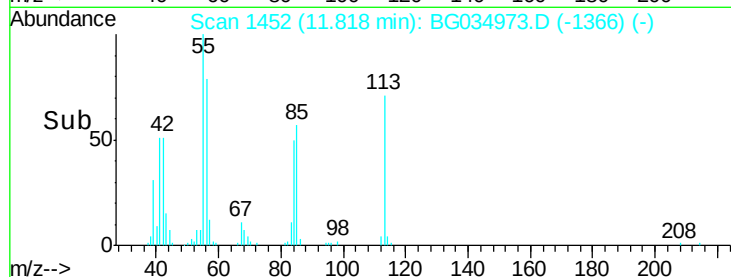
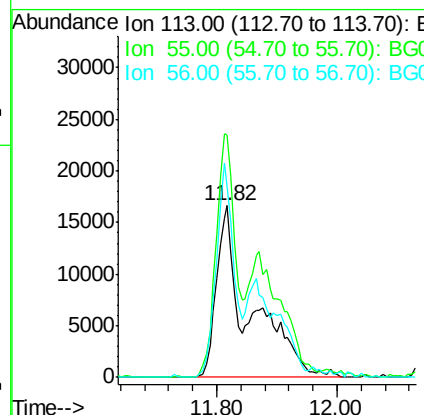
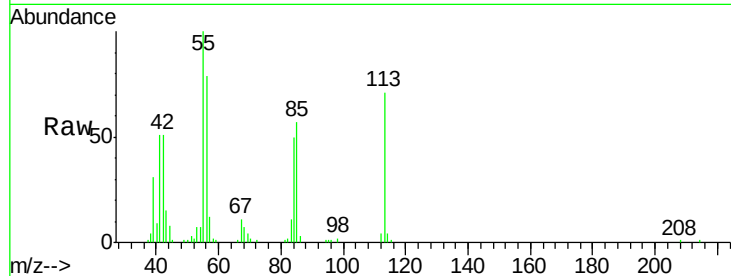
#35
 Caprolactam
 Concen: 52.274 ng/ml
 RT: 11.82 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	140.9	186.9	226.9	
56	111.3	130.9	170.9	

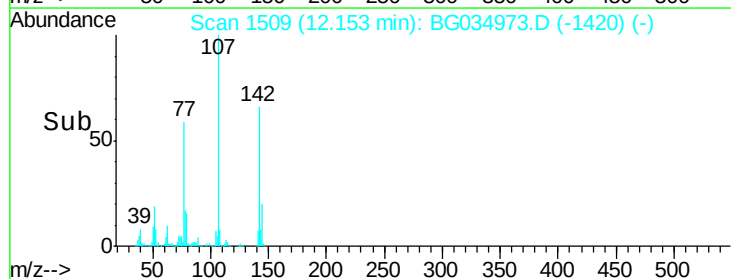
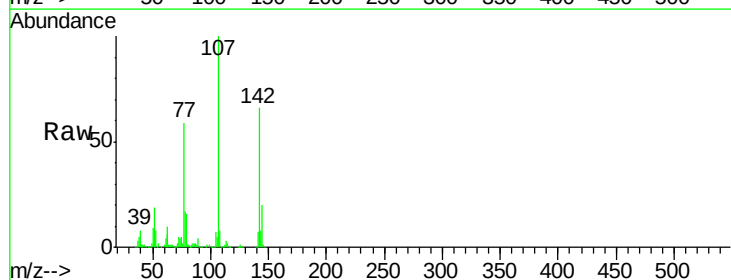
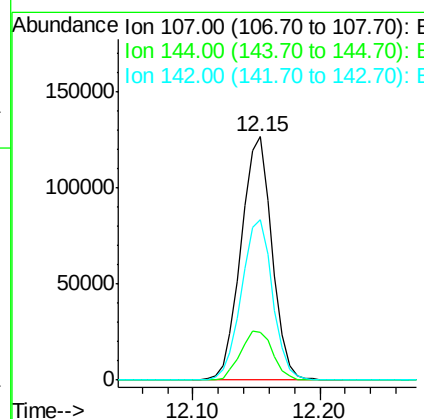
Manual Integrations
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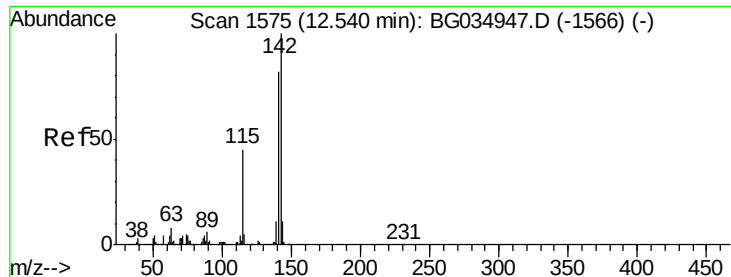
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 52.236 ng/ml
 RT: 12.15 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	19.7	18.2	27.4	
142	65.9	59.0	88.4	





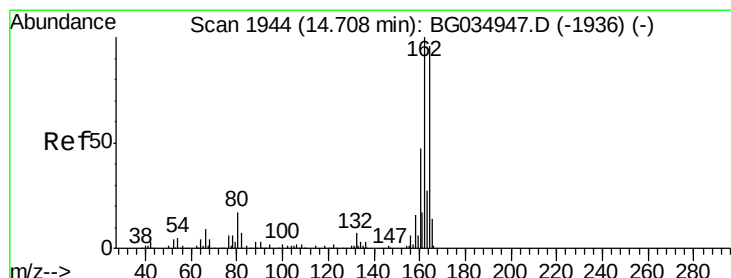
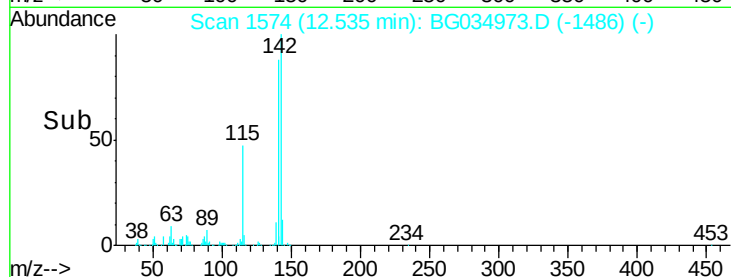
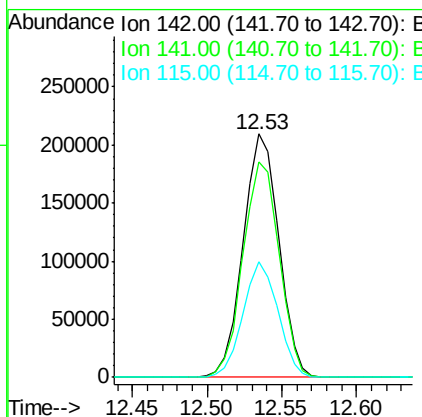
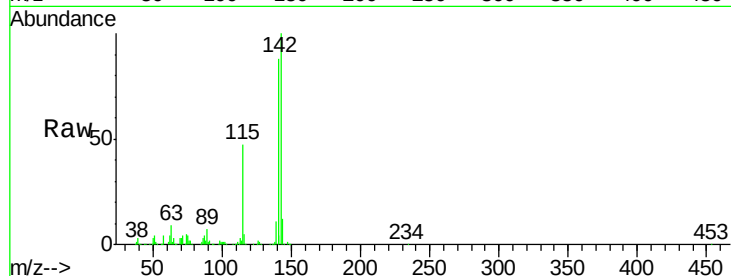
#37
2-Methylnaphthalene
Concen: 45.534 ng
RT: 12.53 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	67.1	100.7
115	47.2	30.7	46.1

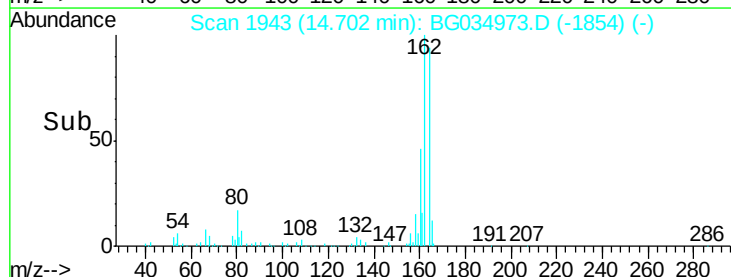
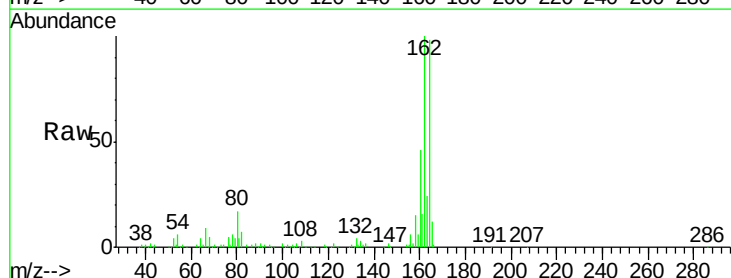
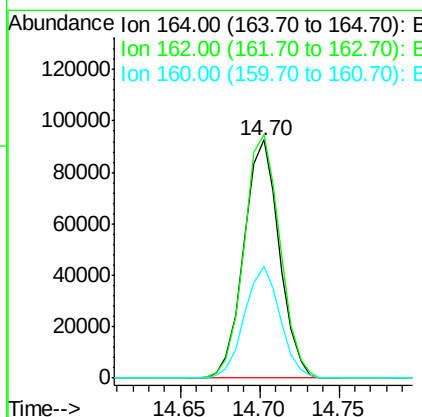
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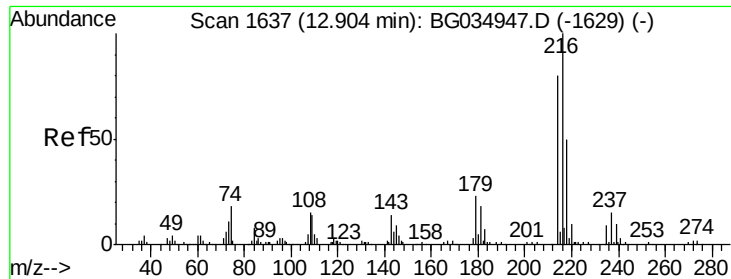
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	46.9	35.4	53.0





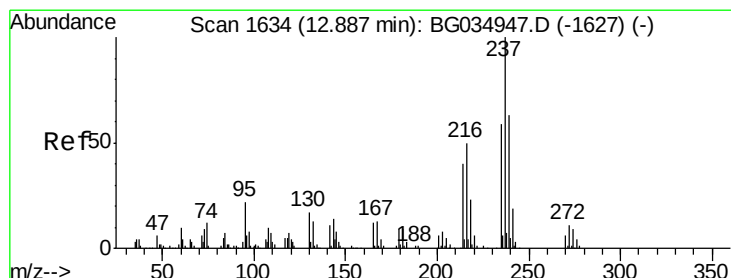
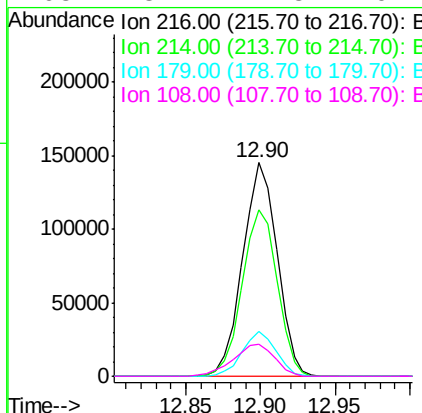
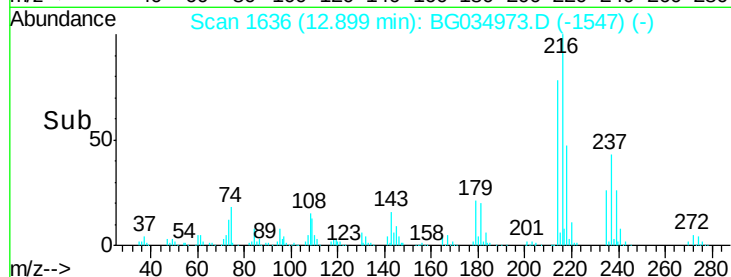
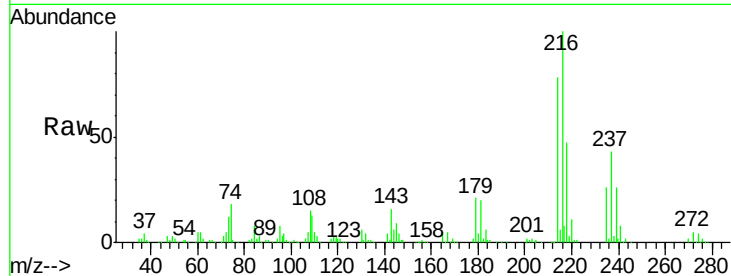
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.343 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.1		63.0	94.4	
179	20.3		17.0	25.6	
108	18.2		12.8	19.2	

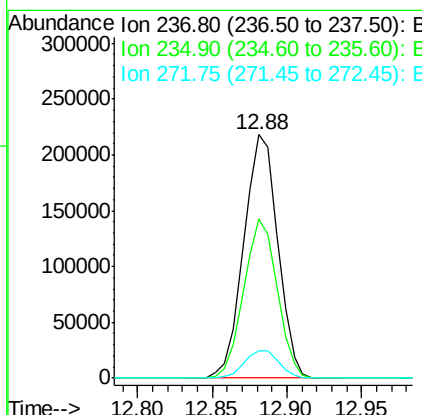
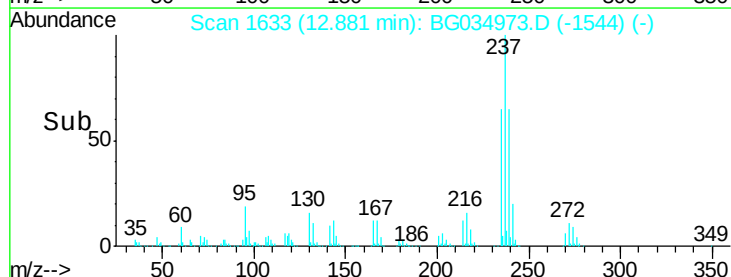
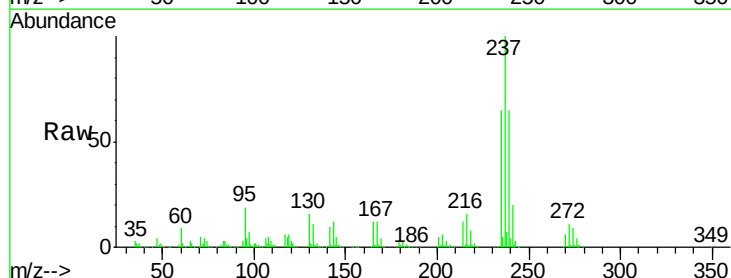
Manual Integrations
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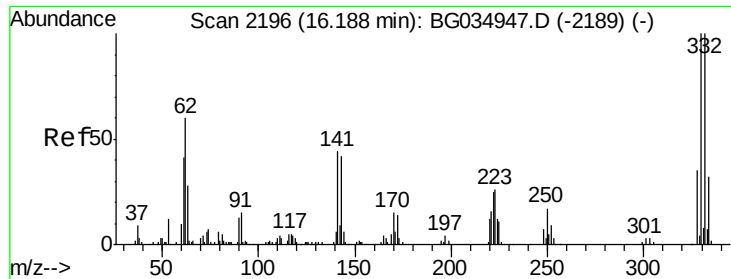
Sohil
 6/8/2018 4:45:05 PM



#40
 Hexachlorocyclopentadiene
 Concen: 102.203 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.4		50.4	90.4	
272	11.3		0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 99.052 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

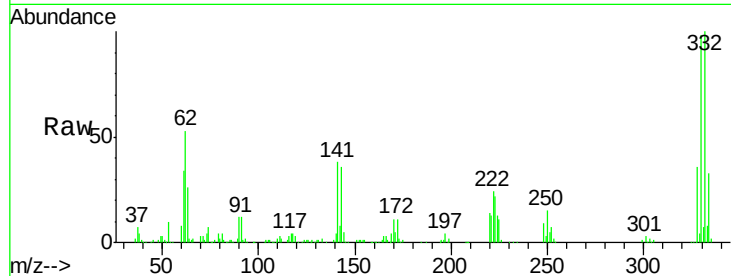
ClientSampleId :

PB110005BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.0	115.6	
141	41.8	25.2	37.8	

Manual Integrations
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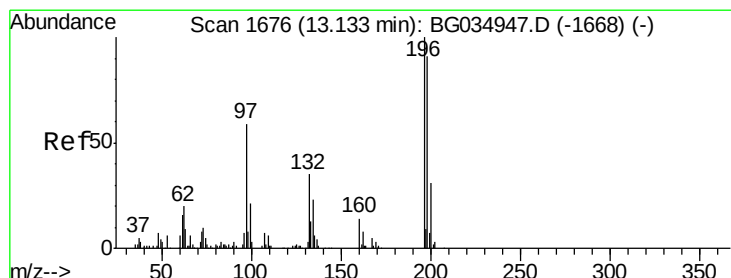
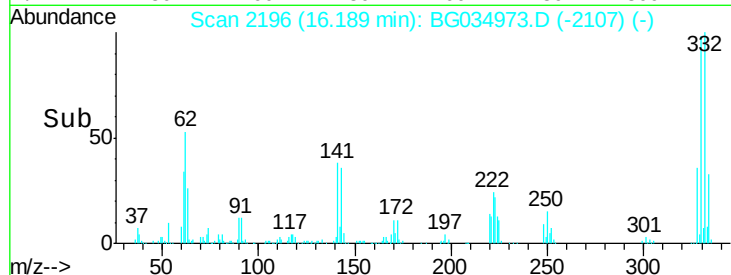
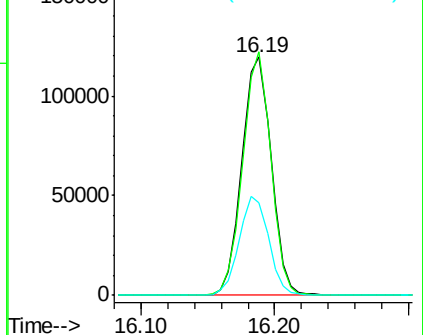


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 50.720 ng

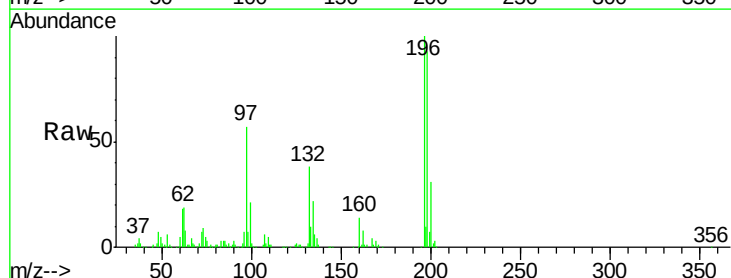
RT: 13.13 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.6	78.2	117.2	
200	31.4	24.6	36.8	

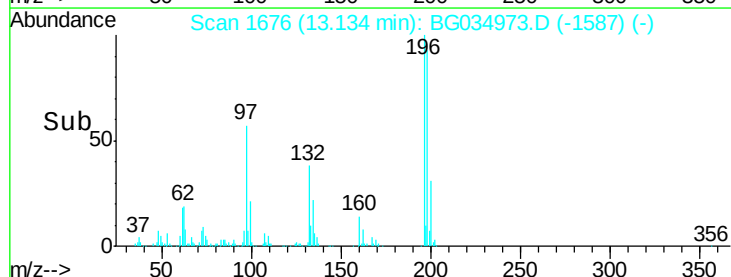
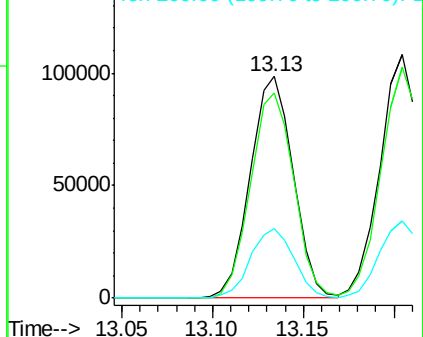


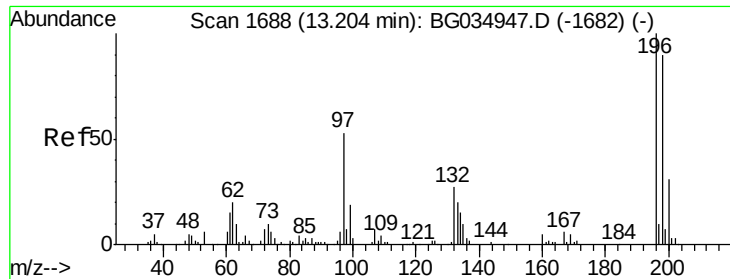
Abundance

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





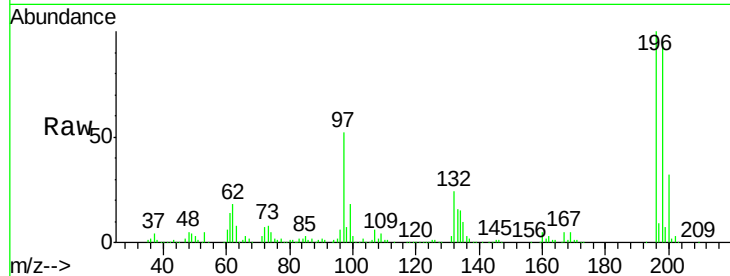
#43
2,4,5-Trichlorophenol
Concen: 49.189 ng
RT: 13.20 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		172863		
198	94.8	76.2	114.4		
97	51.7	38.7	58.1		
132	24.1	20.2	30.2		

Manual Integrations
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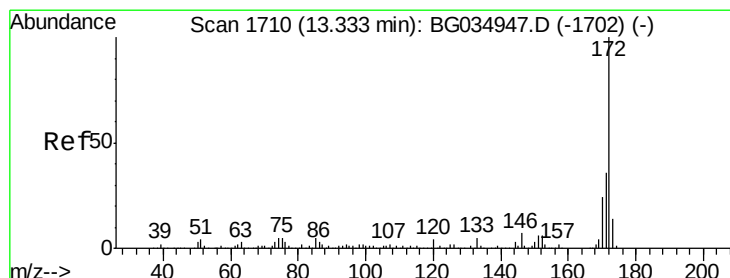
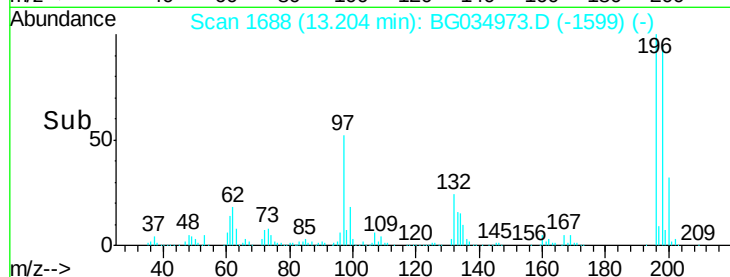
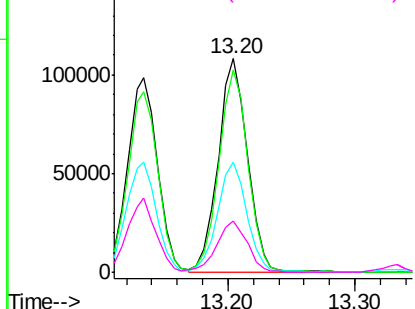
Abundance

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: 85.152 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

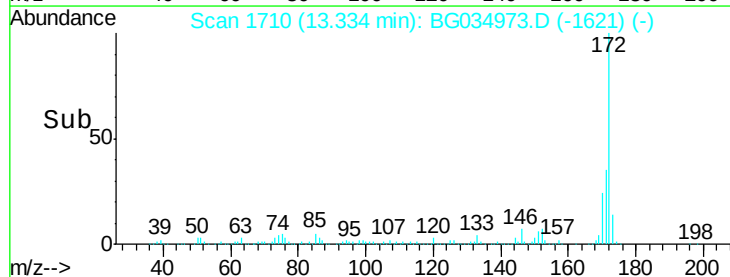
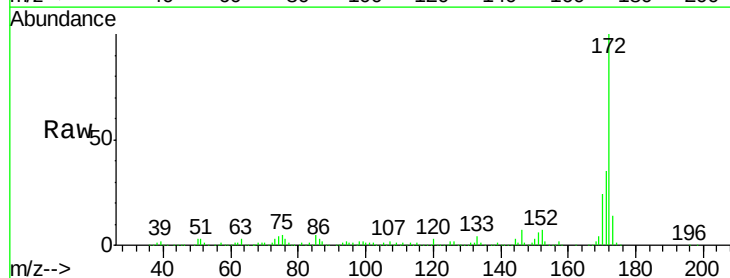
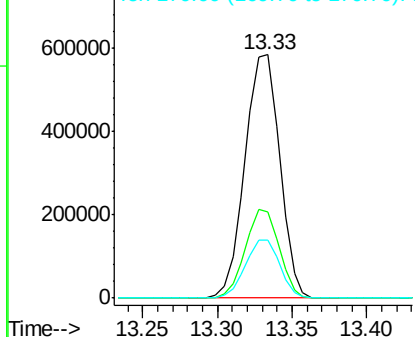
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		940332		
171	35.5	30.0	45.0		
170	23.7	19.5	29.3		

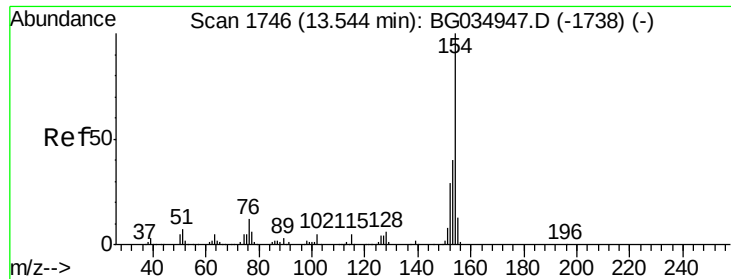
Abundance

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





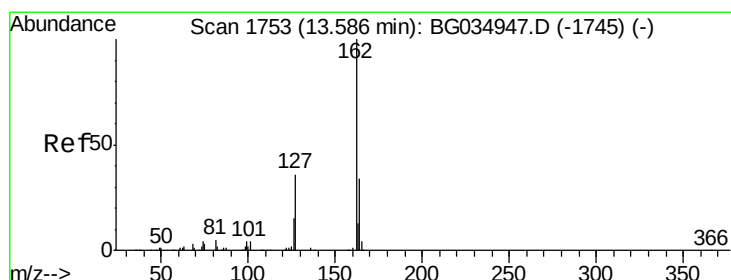
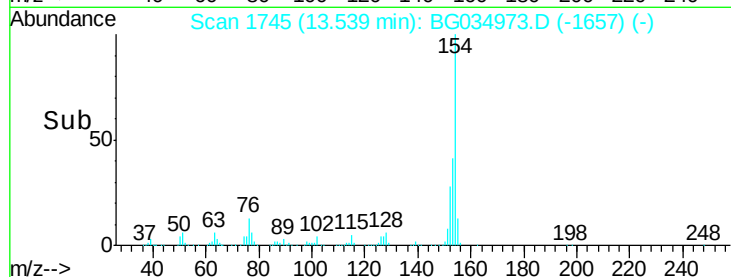
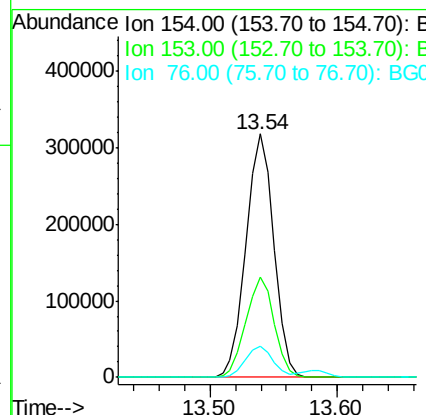
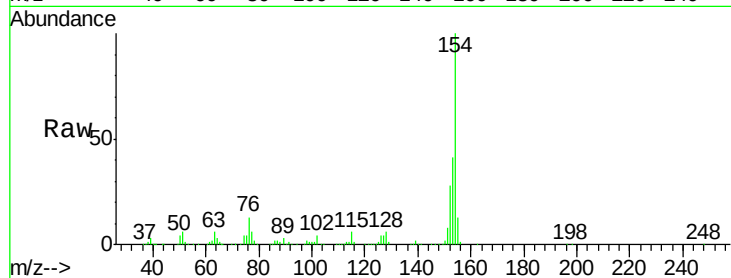
#45
 1,1'-Biphenyl
 Concen: 41.922 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	12.8	0.0	31.9

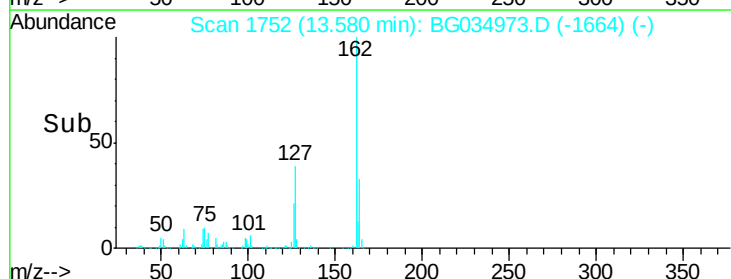
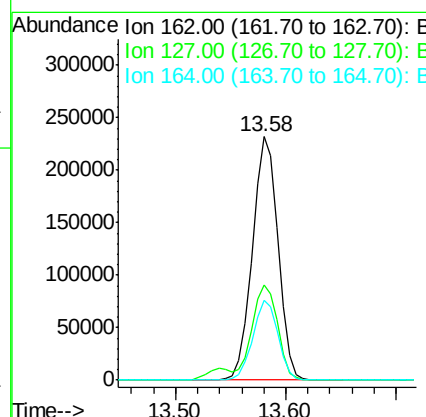
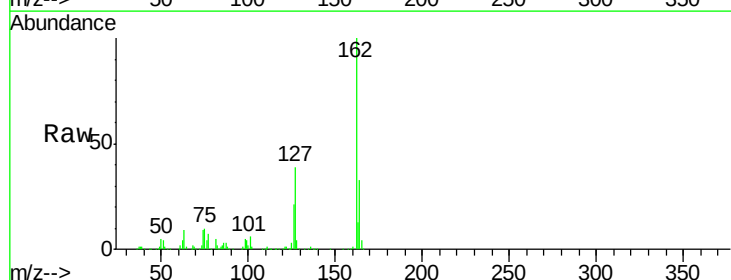
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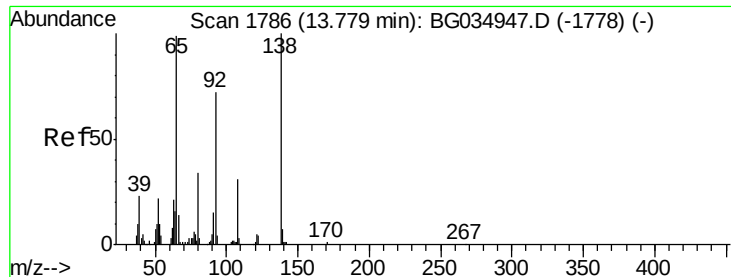
Sohil
 6/8/2018 4:45:05 PM



#46
 2-Chloronaphthalene
 Concen: 43.130 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.7	46.1
164	32.5	26.0	39.0





#47

2-Nitroaniline

Concen: 51.612 ng

RT: 13.77 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

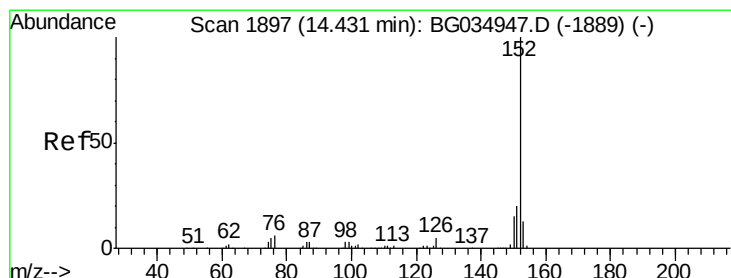
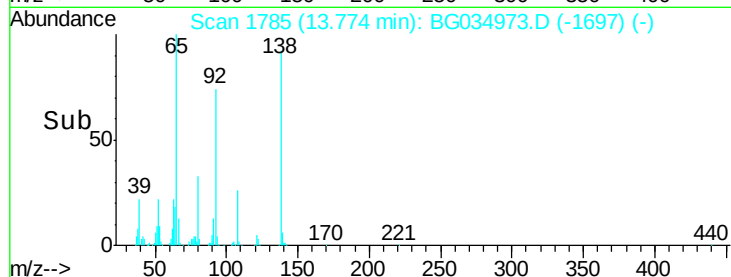
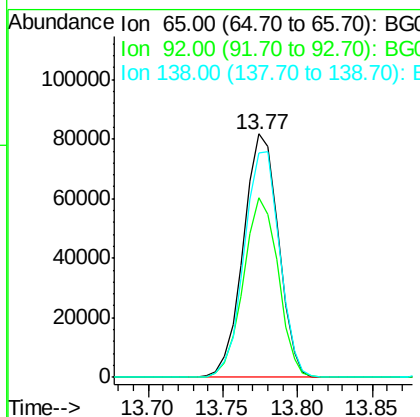
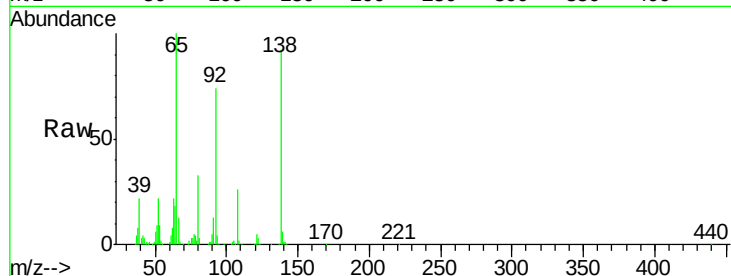
ClientSampled :

PB110005BS

Tot Ion:	65	Resp:	133015
Ion Ratio	Lower	Upper	
65	100		
92	73.5	54.6	82.0
138	92.4	72.9	109.3

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#48

Acenaphthylene

Concen: 43.859 ng

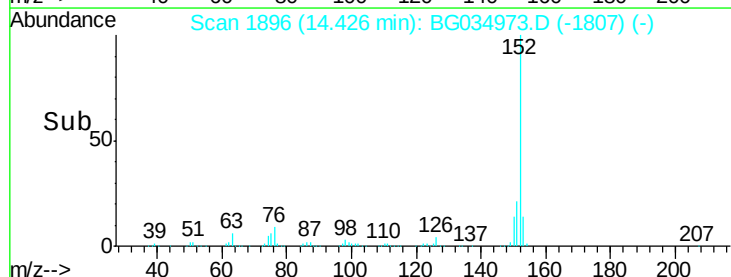
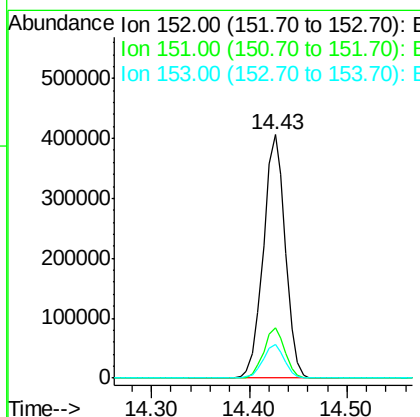
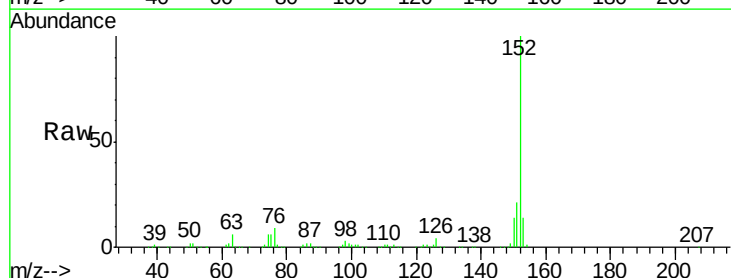
RT: 14.43 min Scan# 1896

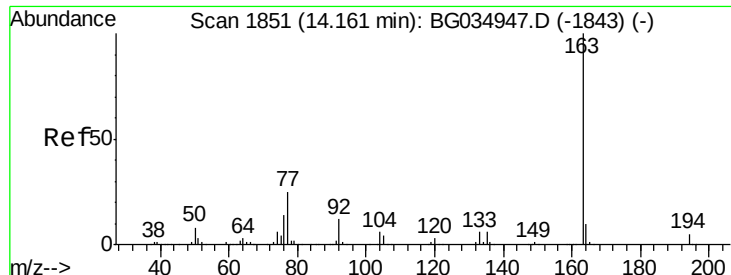
Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	152	Resp:	641849
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.2	25.8
153	13.7	10.2	15.4





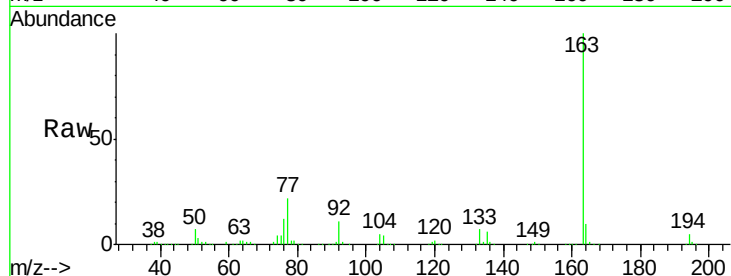
#49
Dimethylphthalate
Concen: 43.309 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.9	3.4	5.2
164	10.1	8.2	12.4

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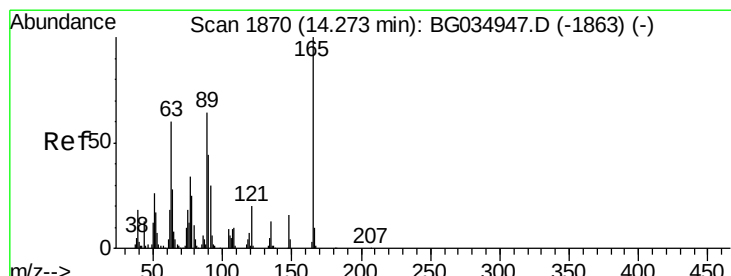
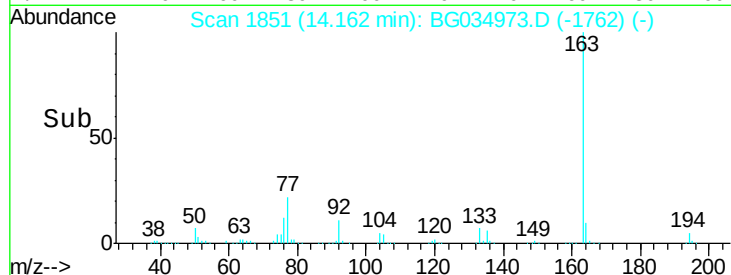
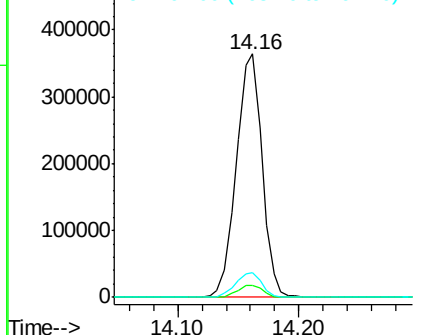


Abundance

Ion 163.00 (162.70 to 163.70): E

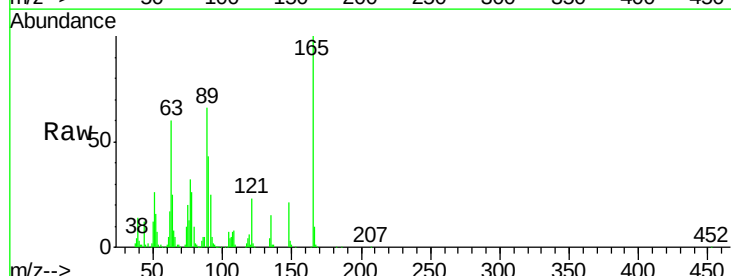
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 52.169 ng
RT: 14.27 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.6	52.7	79.1
89	66.0	49.2	73.8

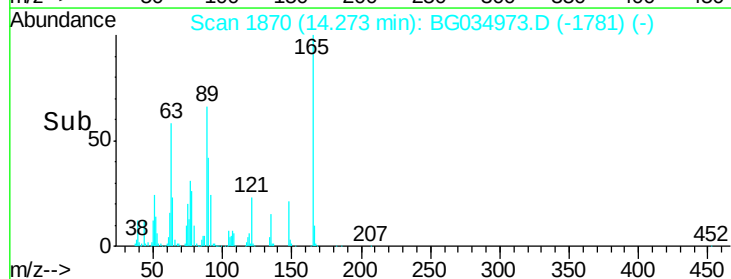
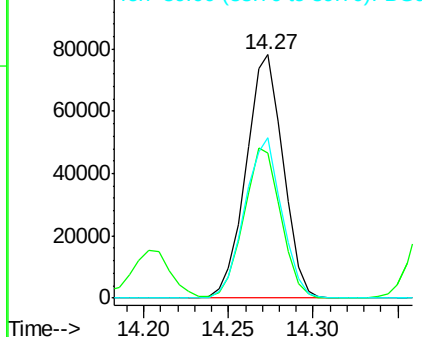


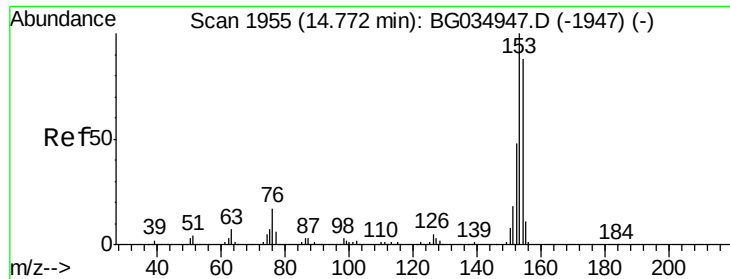
Abundance

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: 44.763 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

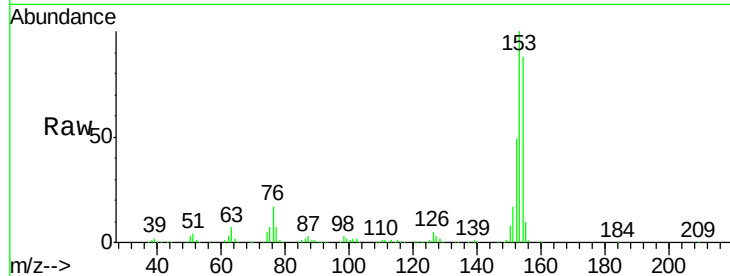
ClientSampleId :

PB110005BS

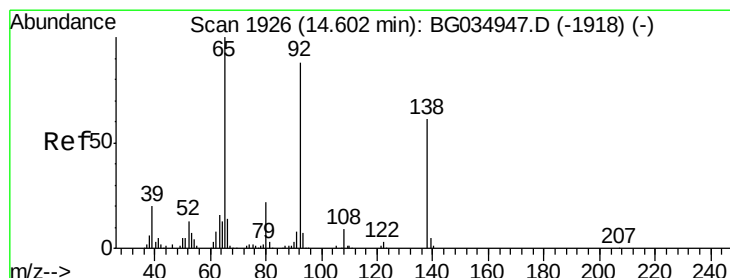
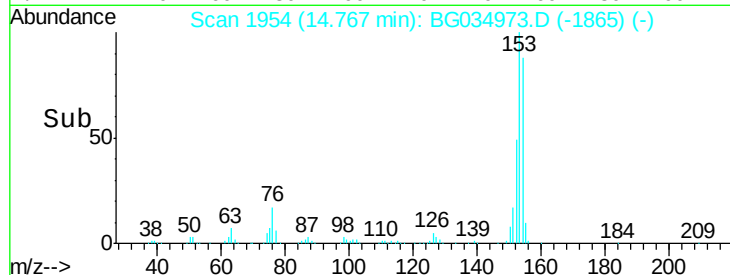
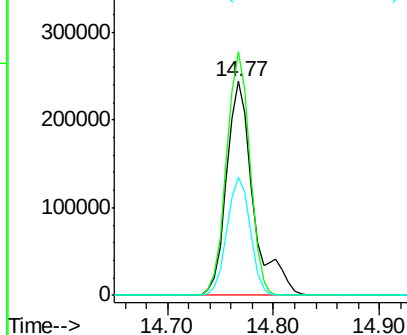
Tot Ion:	154	Resp:	428016
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.4	135.6
152	55.3	41.6	62.4

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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: 17.101 ng

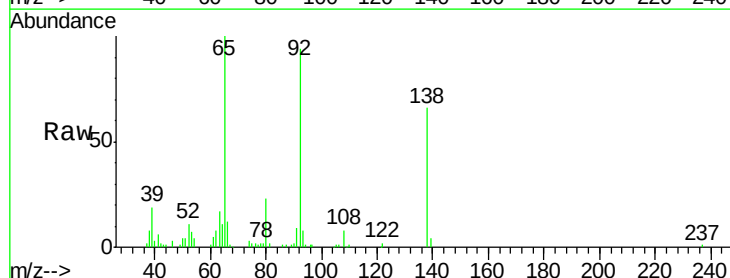
RT: 14.60 min Scan# 1925

Delta R.T. -0.01 min

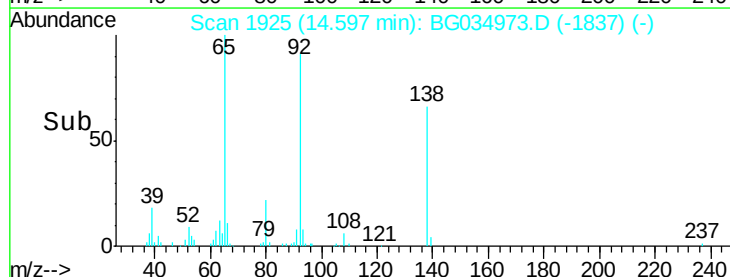
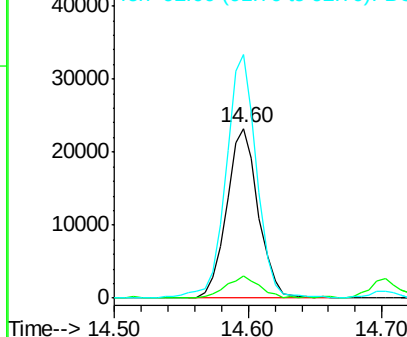
Lab File: BG034973.D

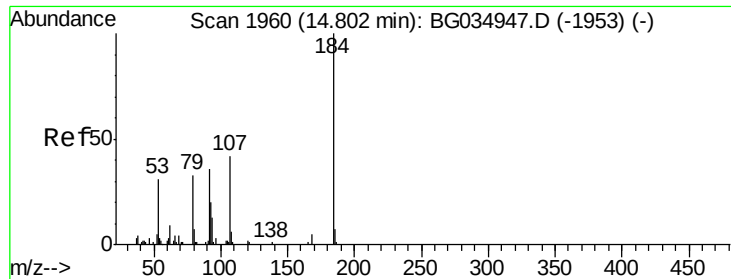
Acq: 8 Jun 2018 5:14

Tgt Ion:	138	Resp:	38324
Ion Ratio	Lower	Upper	
138	100		
108	12.7	17.5	26.3#
92	143.4	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





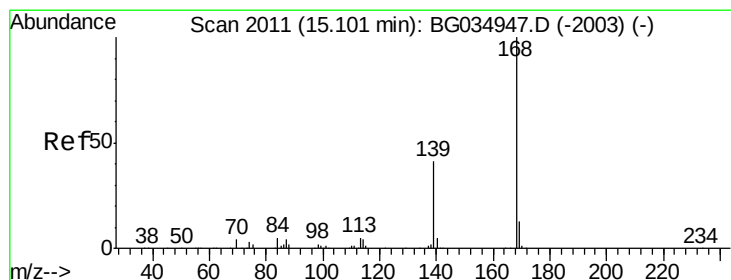
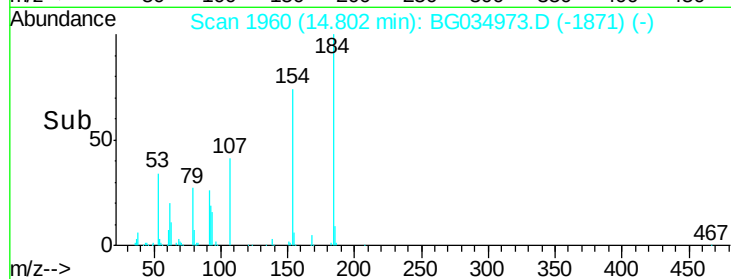
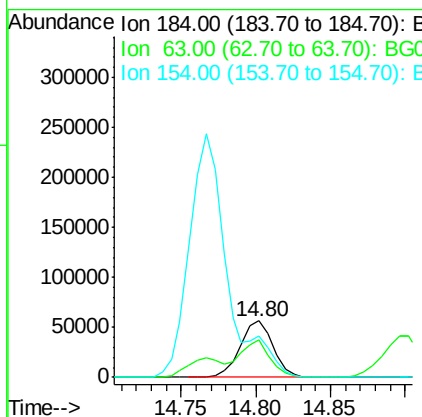
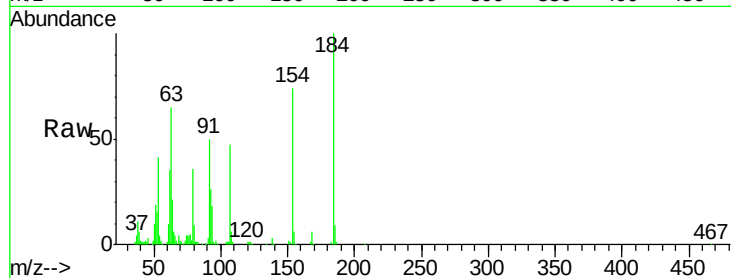
#53
2,4-Dinitrophenol
Concen: 92.519 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.4	59.8	89.8
154	74.3	101.8	152.8

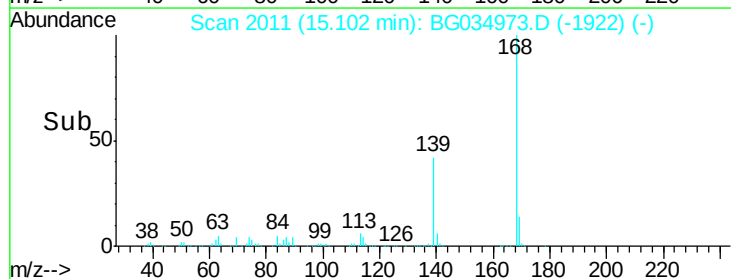
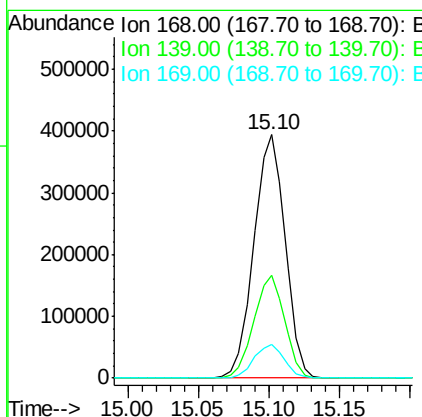
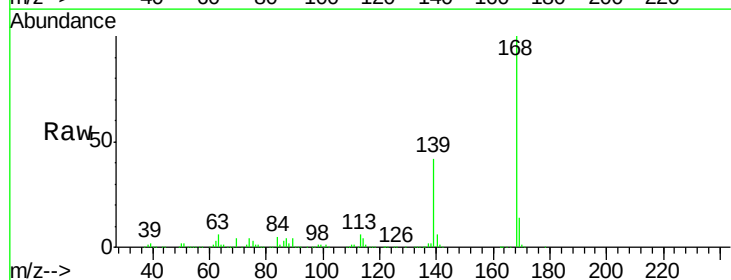
Manual Integrations
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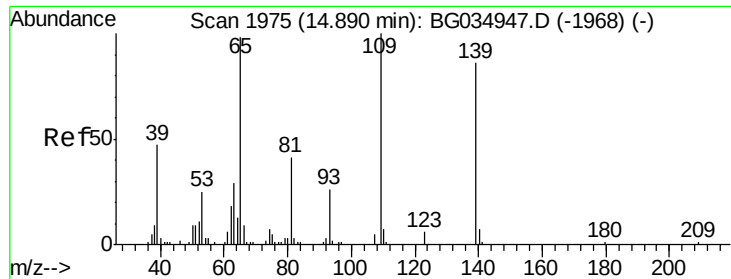
Sohil
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#54
Dibenzofuran
Concen: 42.824 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.0	28.6	43.0
169	13.8	11.2	16.8





#55

4-Nitrophenol

Concen: 101.858 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

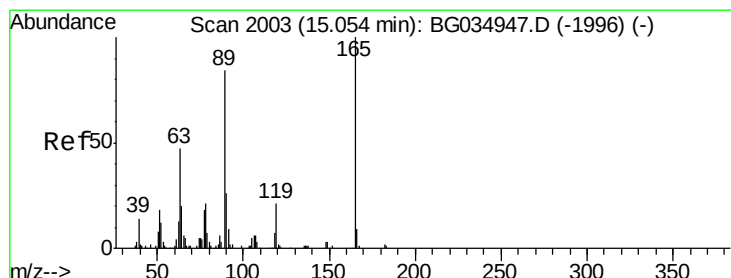
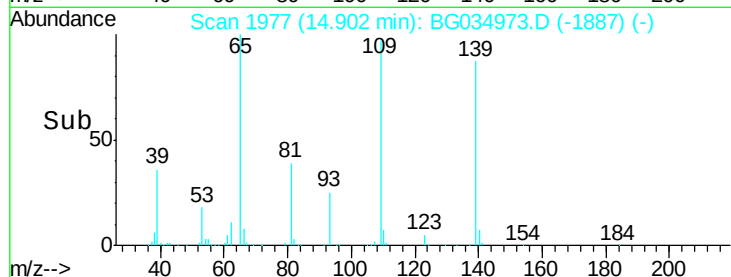
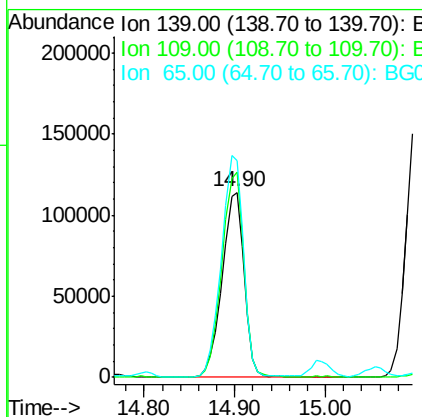
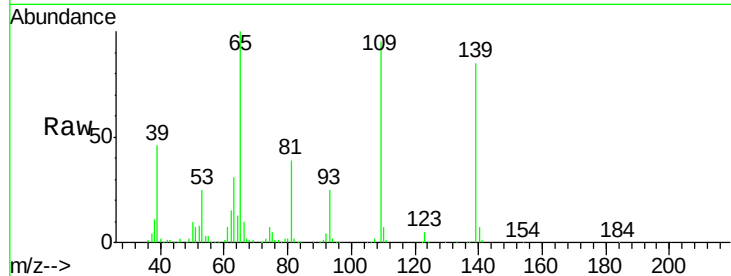
ClientSampleId :

PB110005BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	192652		
109	111.2	62.2	102.2#	
65	117.3	97.2	137.2	

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#56

2,4-Dinitrotoluene

Concen: 55.369 ng

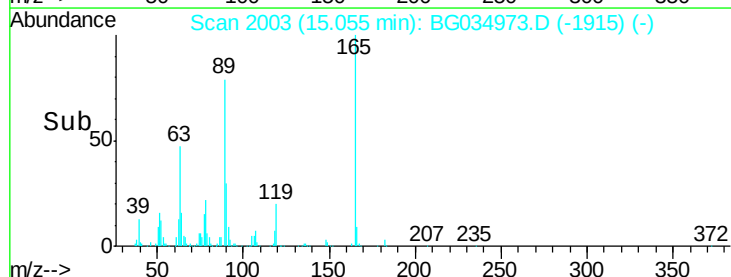
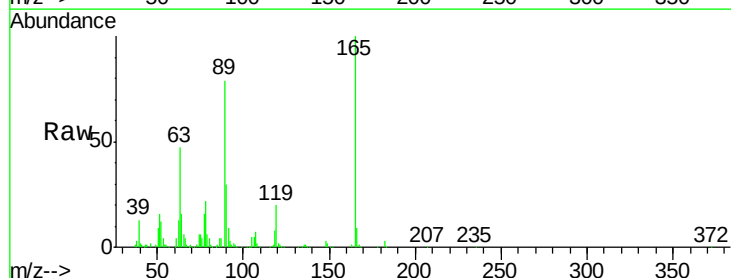
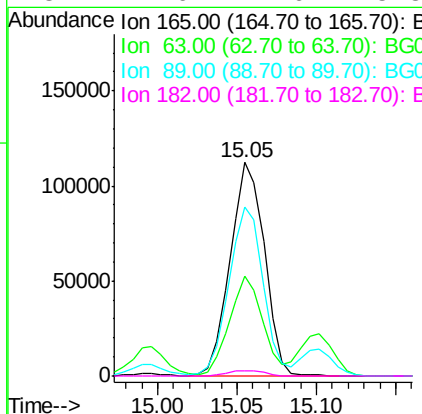
RT: 15.05 min Scan# 2003

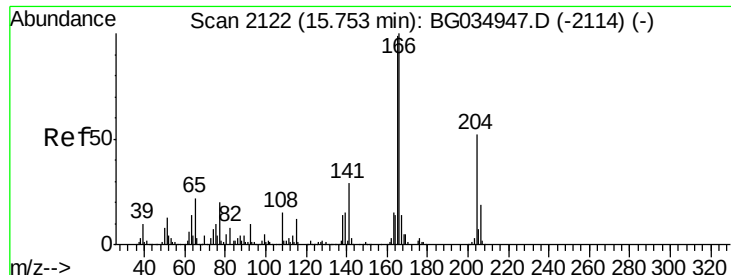
Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167981		
63	46.9	42.0	63.0	
89	78.9	66.9	100.3	
182	2.6	2.6	3.8	





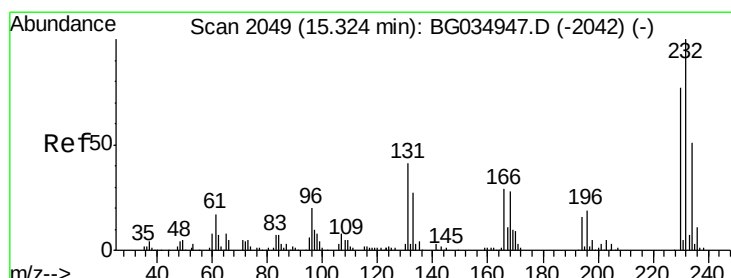
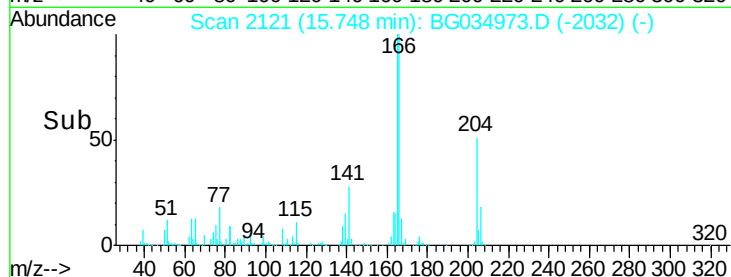
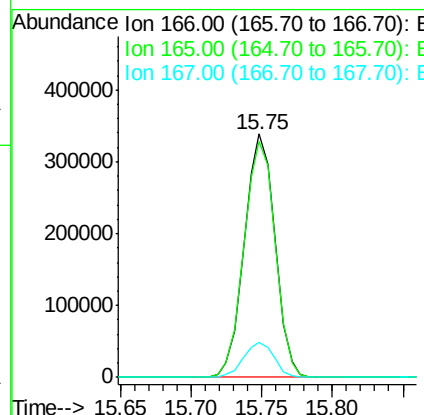
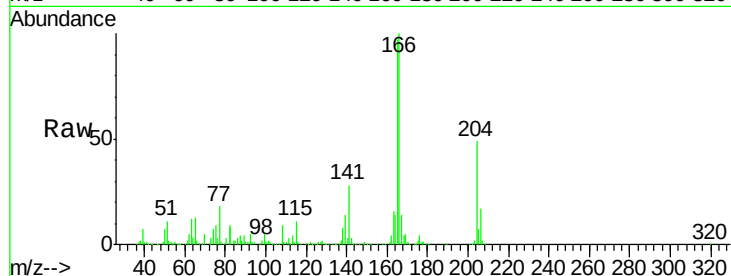
#57
 Fluorene
 Concen: 42.823 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	512517		
165	96.8	80.6	121.0	
167	14.3	10.4	15.6	

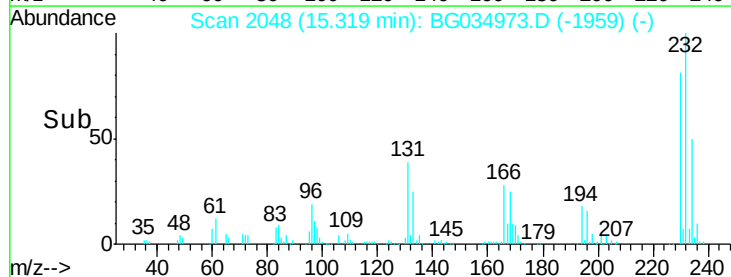
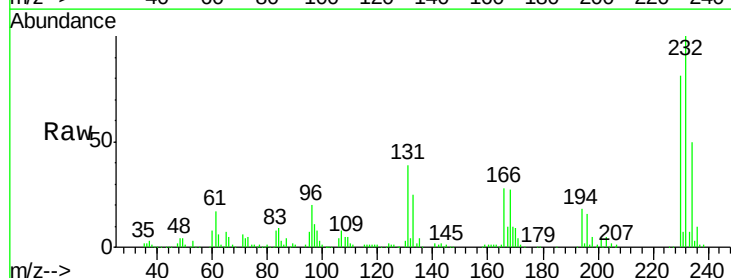
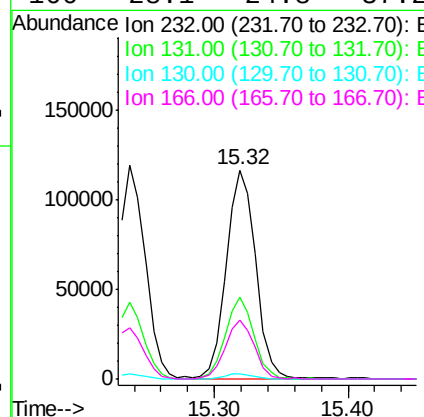
Manual Integrations
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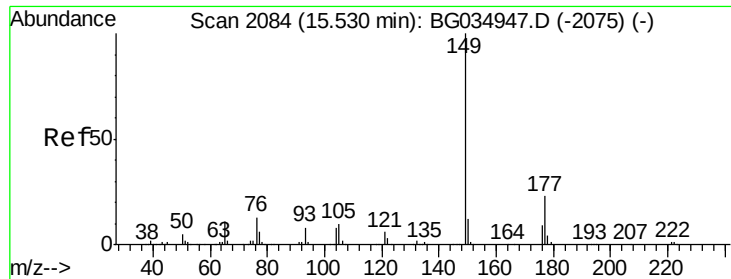
Sohil
 6/8/2018 4:45:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.414 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	178941		
131	38.1	33.5	50.3	
130	2.5	2.2	3.2	
166	28.1	24.8	37.2	





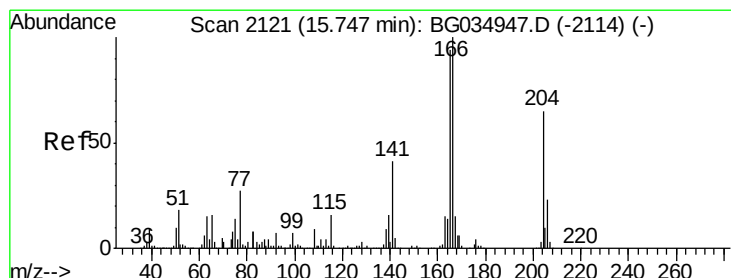
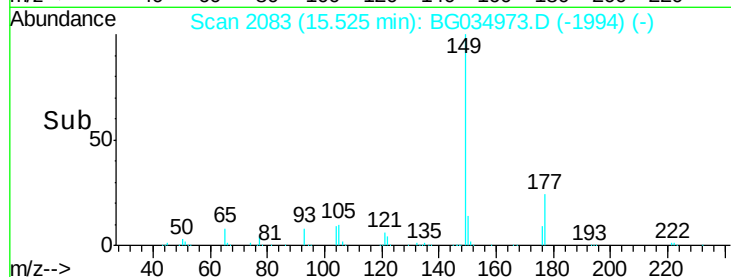
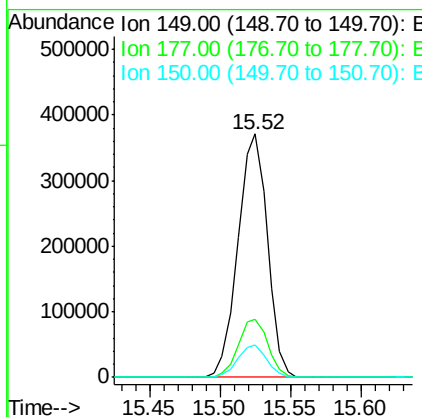
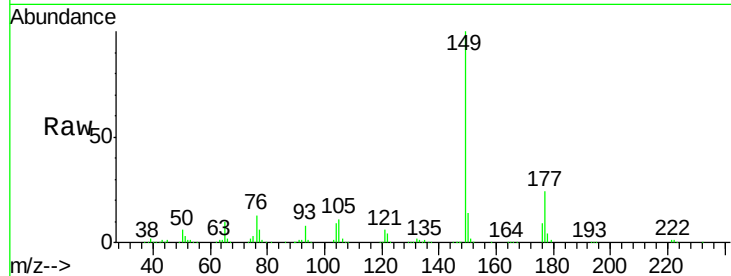
#59
Diethylphthalate
Concen: 42.320 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.5	27.7
150	13.6	10.2	15.2

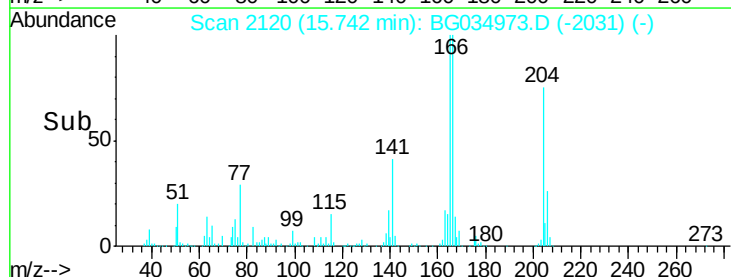
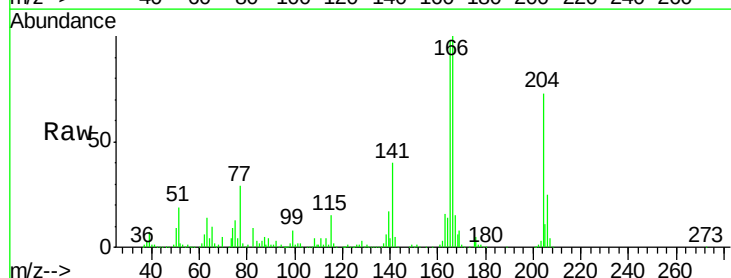
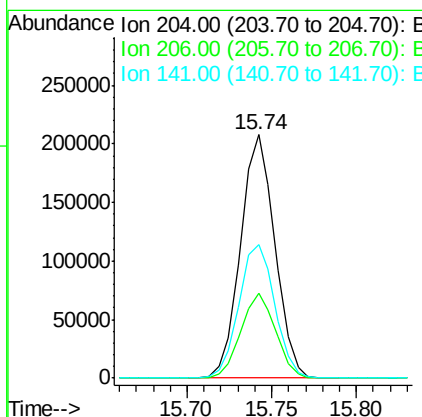
Manual Integrations
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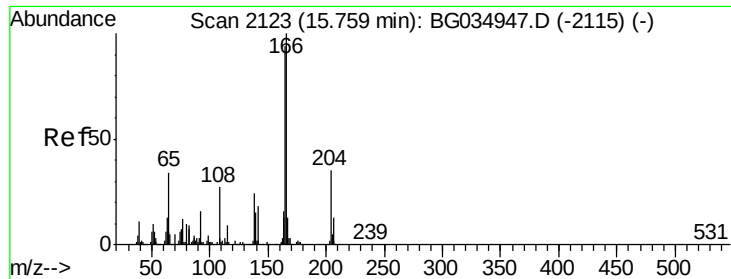
Sohil
6/8/2018 4:45:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.088 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.2	39.2
141	54.8	45.8	68.6





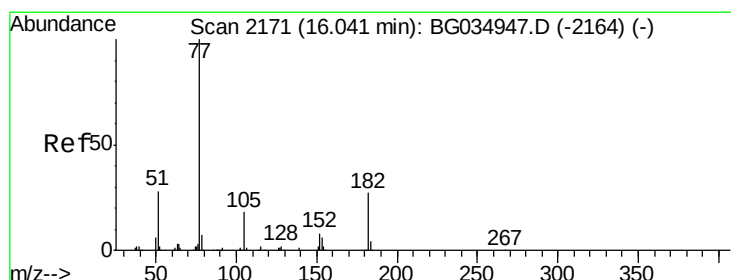
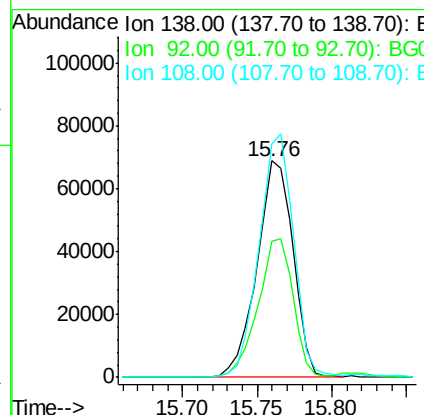
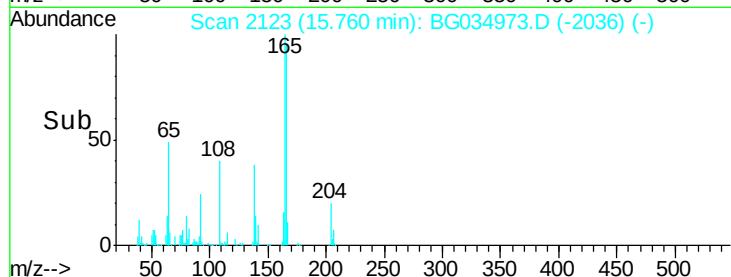
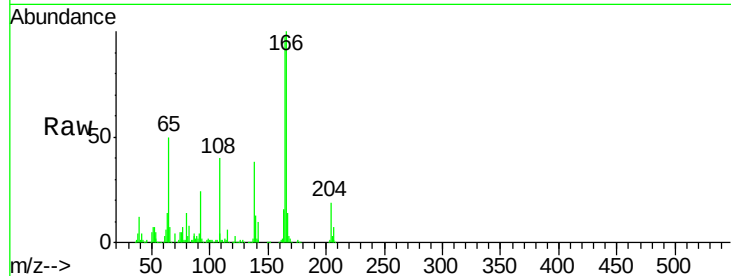
#61
4-Nitroaniline
Concen: 47.948 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.7	40.1	80.1
108	107.9	65.4	105.4

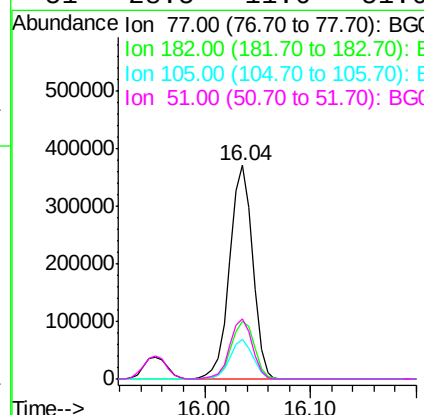
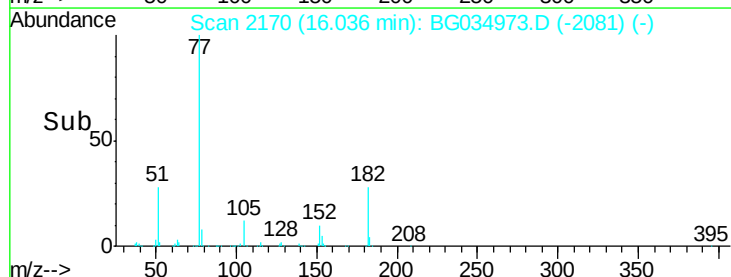
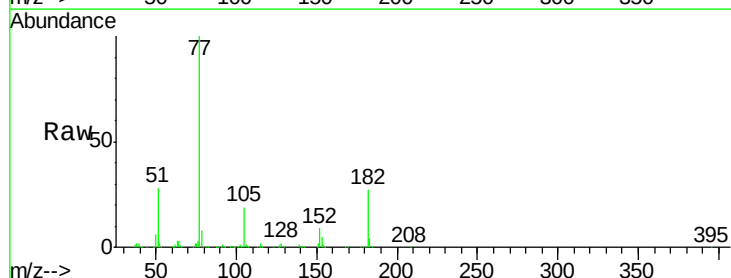
Manual Integrations
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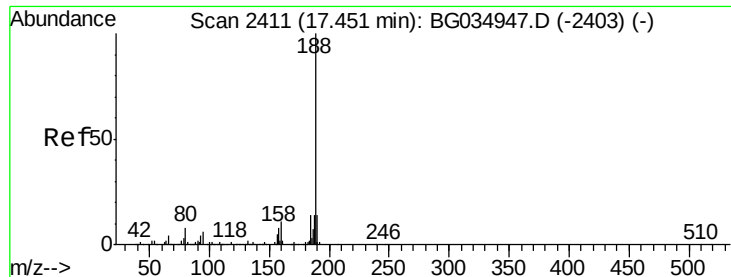
Sohil
6/8/2018 4:45:05 PM



#62
Azobenzene
Concen: 44.359 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.4	47.4
105	18.8	0.3	40.3
51	28.5	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

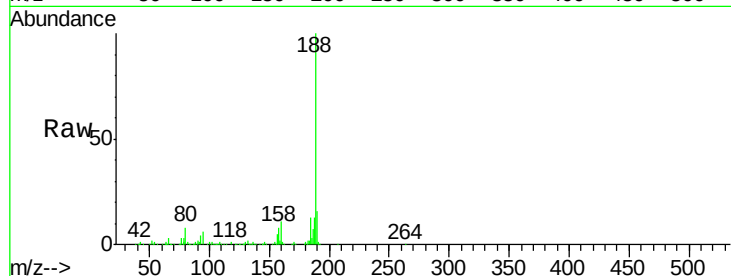
ClientSampleId :

PB110005BS

Tot Ion:	188	Resp:	366773
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	8.3	7.7	11.5

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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

17.45

250000

200000

150000

100000

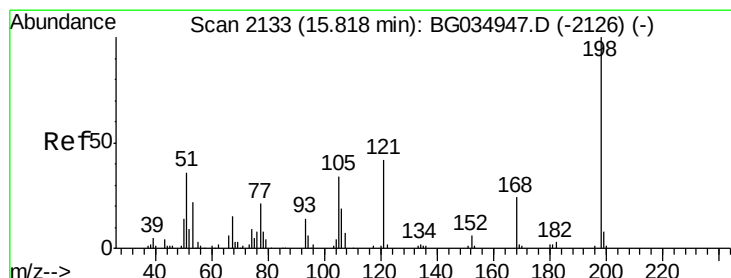
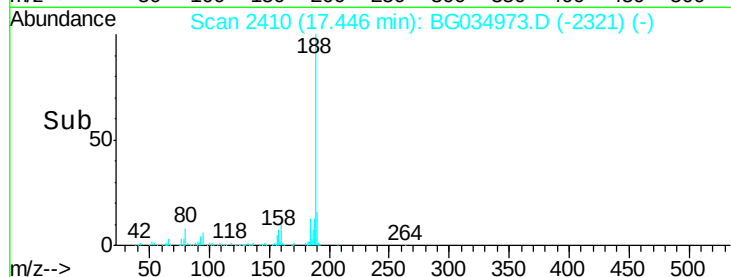
50000

0

17.40

17.50

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.181 ng

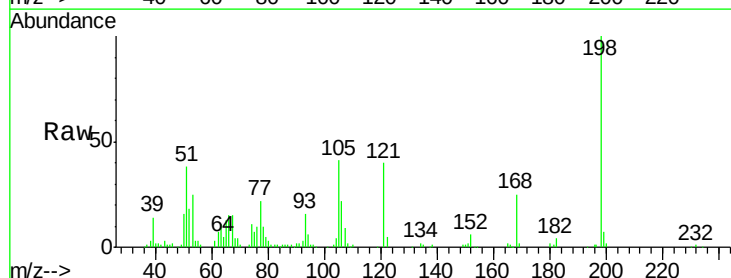
RT: 15.82 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	198	Resp:	75659
Ion Ratio	Lower	Upper	
198	100		
51	37.6	30.6	70.6
105	40.7	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

15.82

60000

40000

20000

0

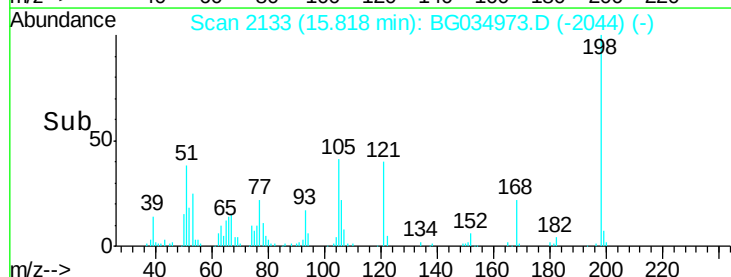
15.75

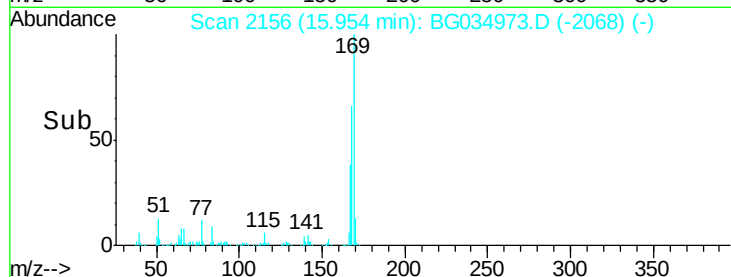
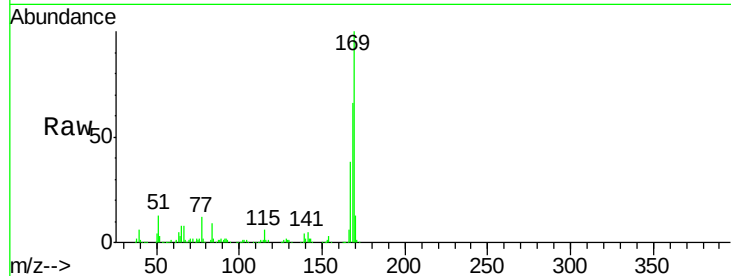
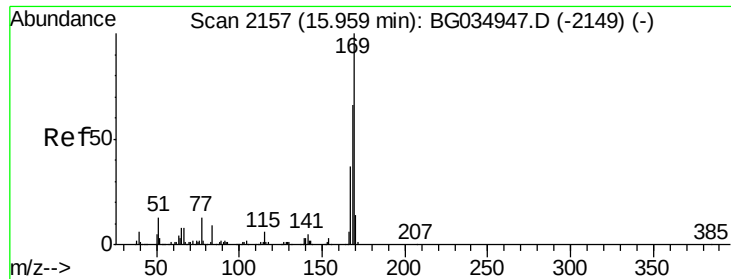
15.80

15.85

15.90

Time-->





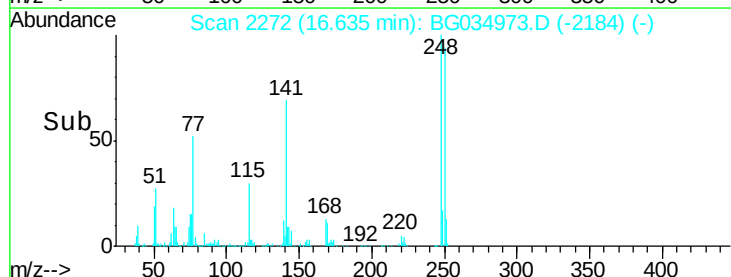
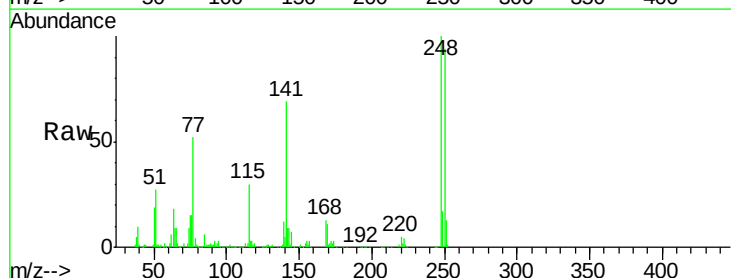
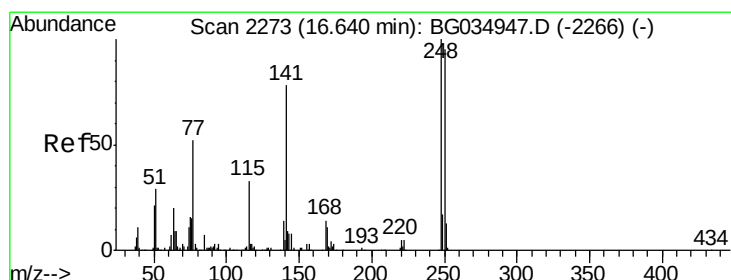
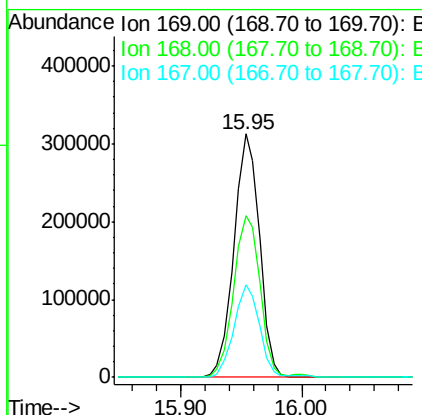
#65
n-Nitrosodiphenylamine
Concen: 41.789 ng
RT: 15.95 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	460285		
168	66.3		55.7	83.5
167	38.0		30.1	45.1

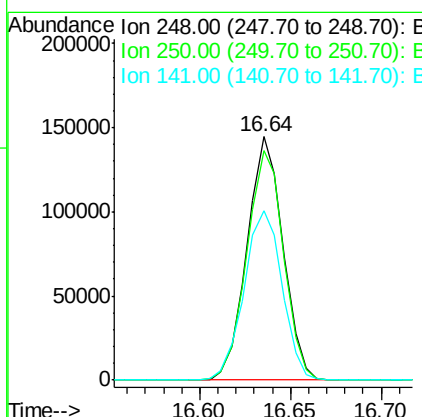
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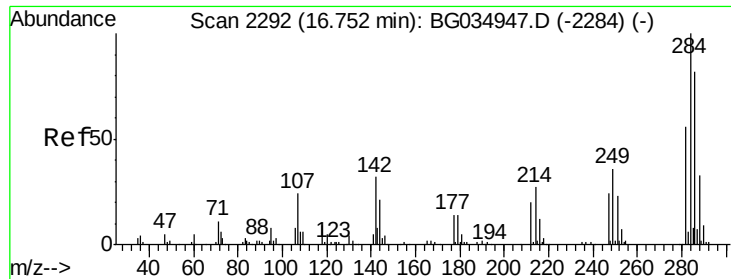
Sohil
6/8/2018 4:45:05 PM



#66
4-Bromophenyl-phenylether
Concen: 45.168 ng
RT: 16.64 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	199502		
250	94.4		77.1	115.7
141	69.4		50.8	76.2





#67

Hexachlorobenzene

Concen: 44.396 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

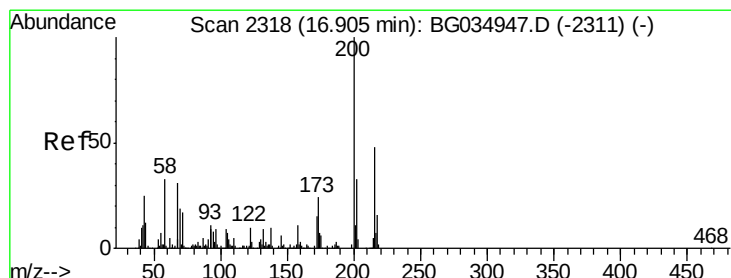
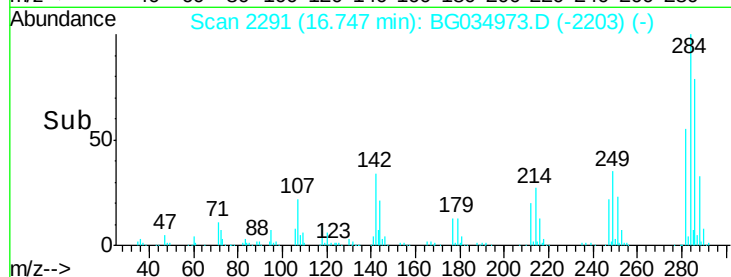
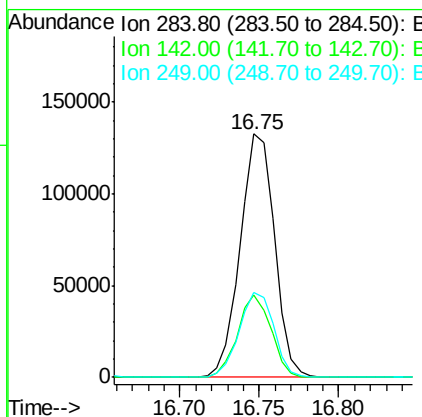
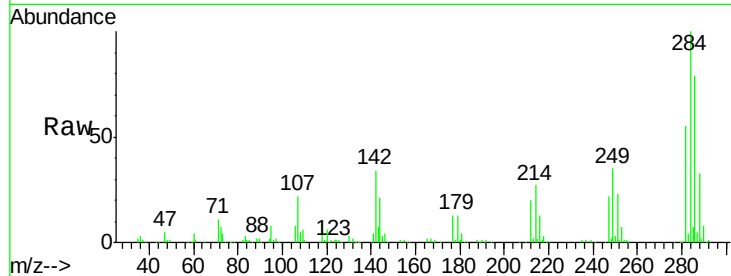
ClientSampleId :

PB110005BS

Tot Ion:	284	Resp:	199587
Ion Ratio		Lower	Upper
284	100		
142	33.7	26.8	40.2
249	35.1	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 45.106 ng

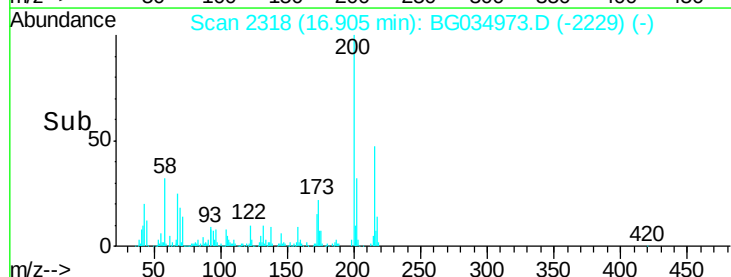
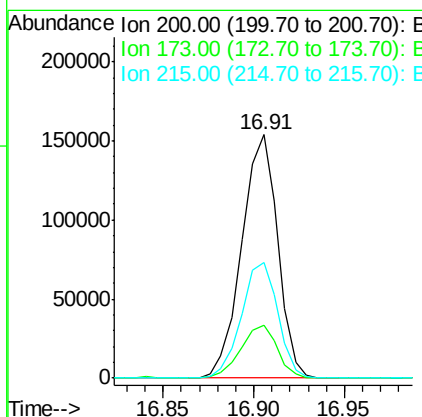
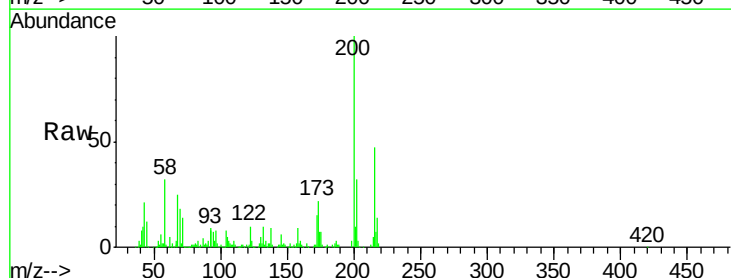
RT: 16.91 min Scan# 2318

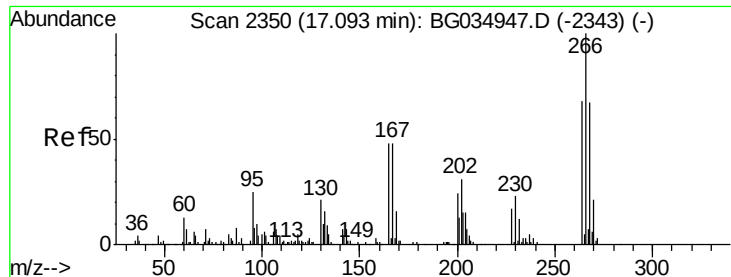
Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	200	Resp:	211870
Ion Ratio		Lower	Upper
200	100		
173	21.9	5.2	45.2
215	47.2	30.4	70.4





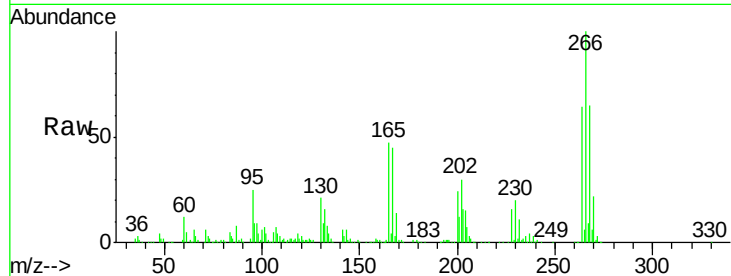
#69
 Pentachlorophenol
 Concen: 81.115 ng
 RT: 17.09 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	63.7	49.6	74.4

Manual Integrations
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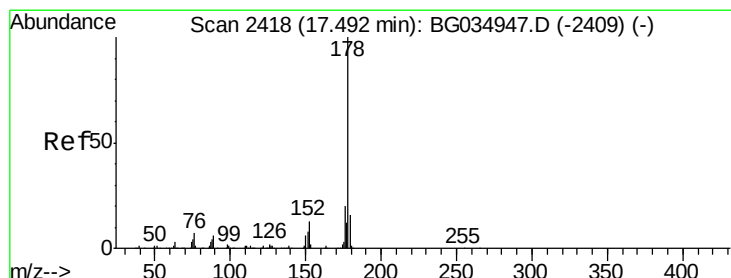
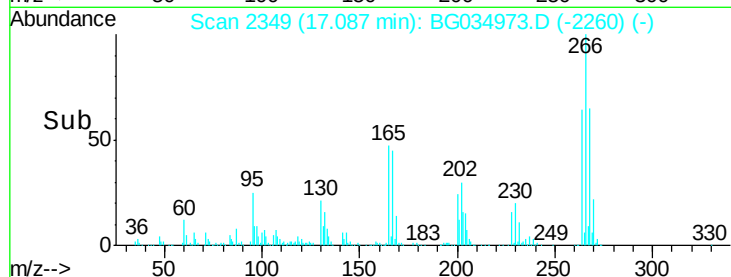
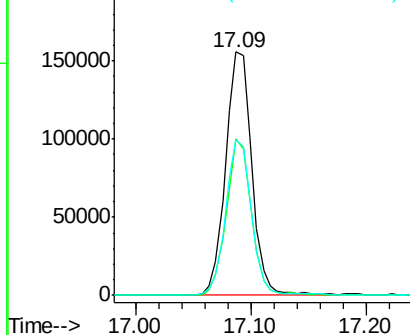


Abundance

Ion 265.70 (265.40 to 266.40): E

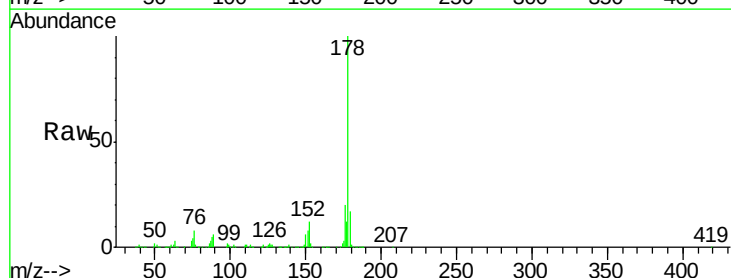
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 44.411 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.8	12.5	18.7

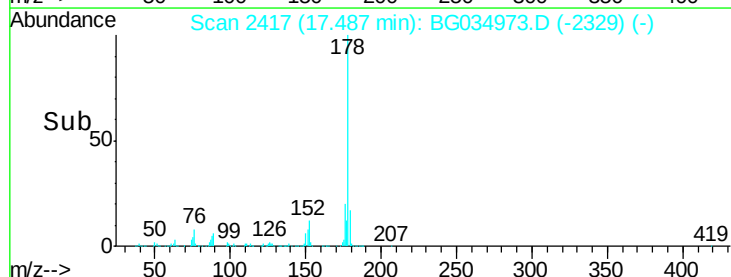
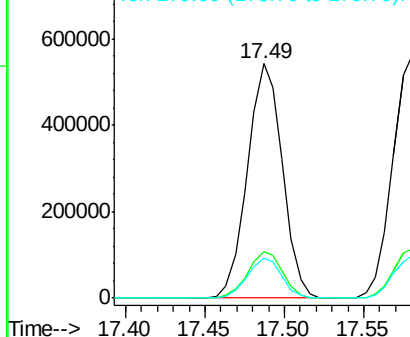


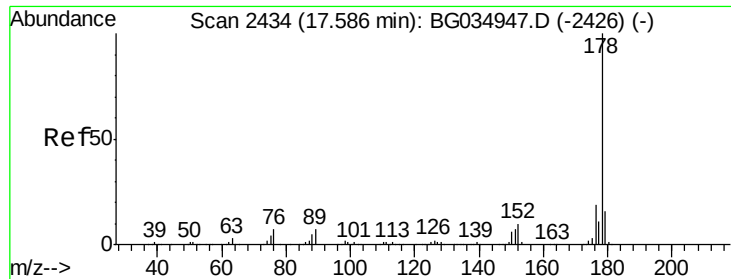
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





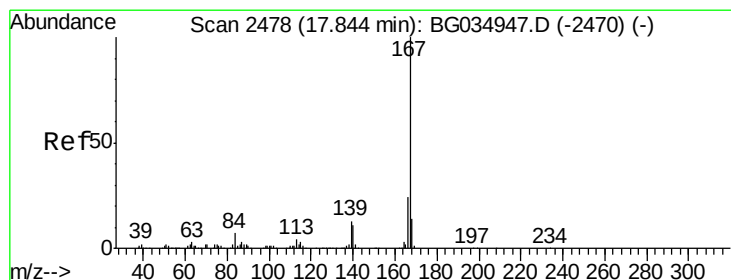
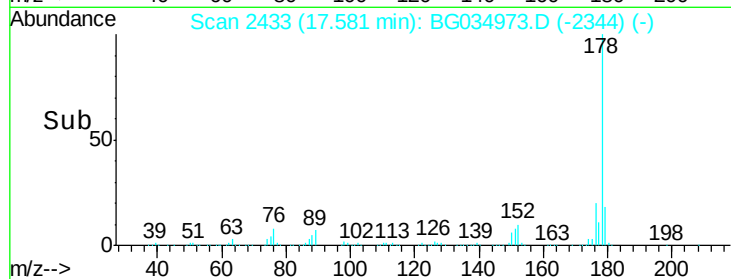
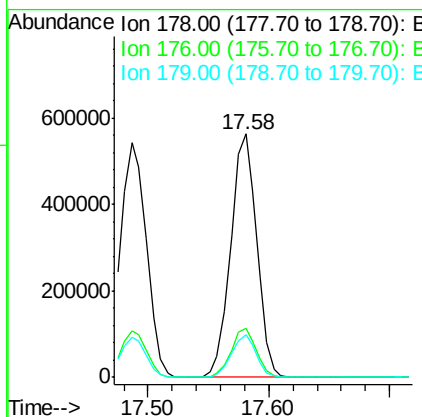
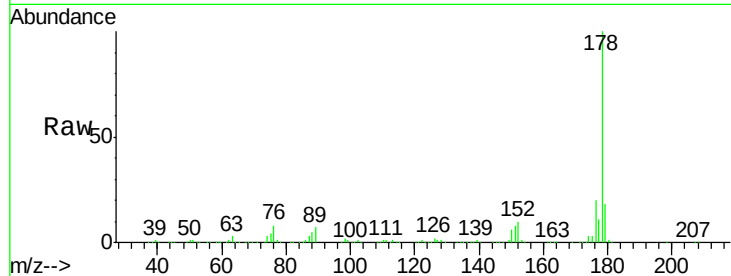
#71
 Anthracene
 Concen: 45.268 ng
 RT: 17.58 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	17.6	12.5	18.7

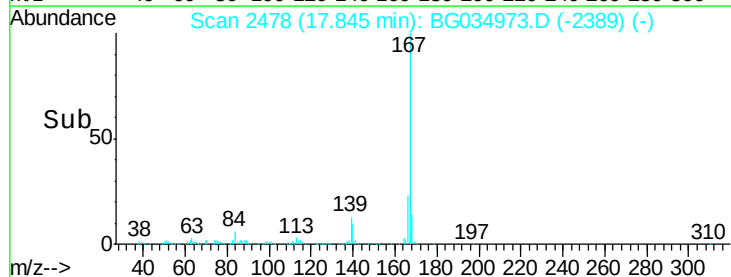
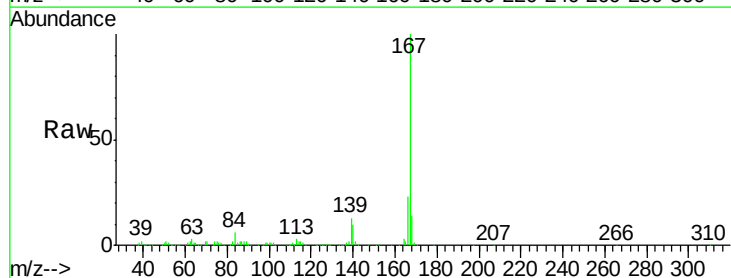
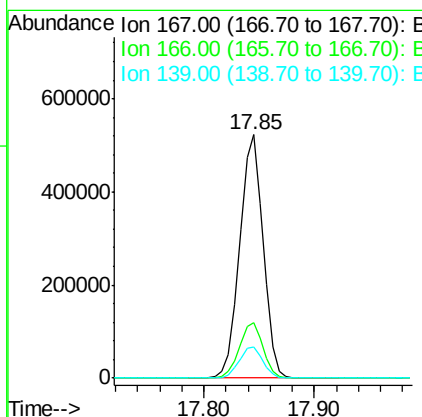
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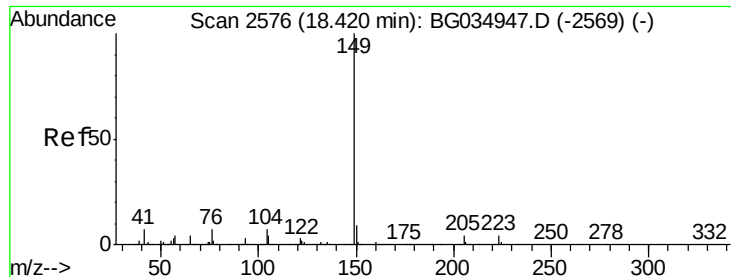
Sohil
 6/8/2018 4:45:05 PM



#72
 Carbazole
 Concen: 45.001 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	12.6	9.4	14.2





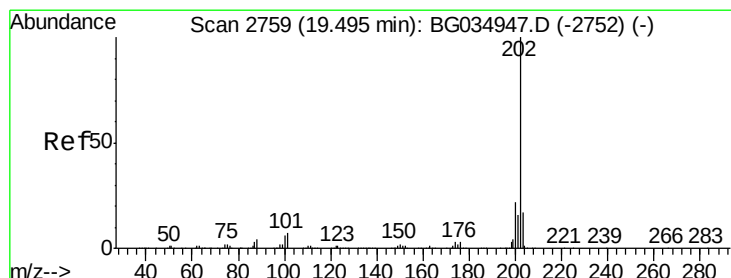
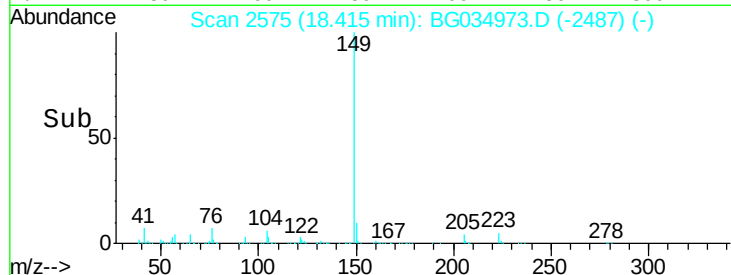
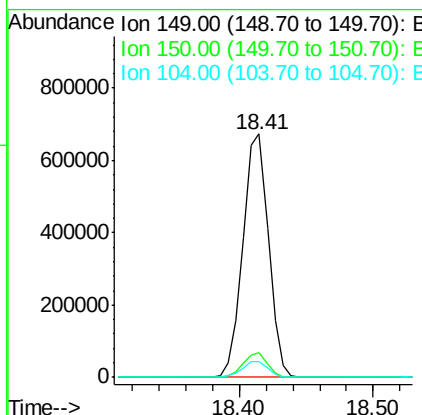
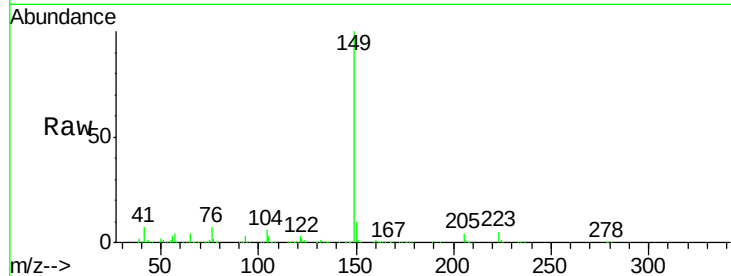
#73
Di-n-butylphthalate
Concen: 42.980 ng
RT: 18.41 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.9	7.8	11.6	
104	6.5	3.9	5.9	

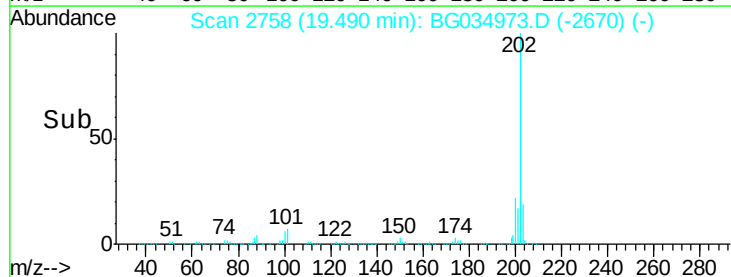
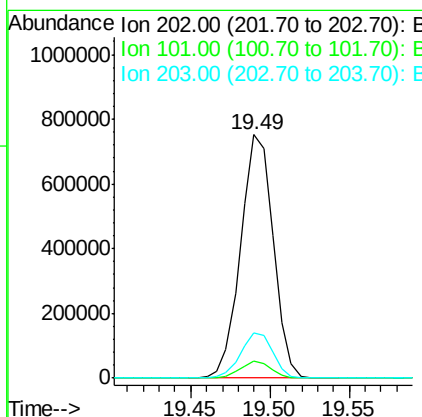
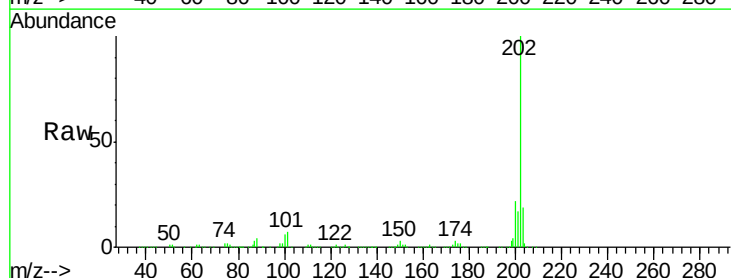
Manual Integrations
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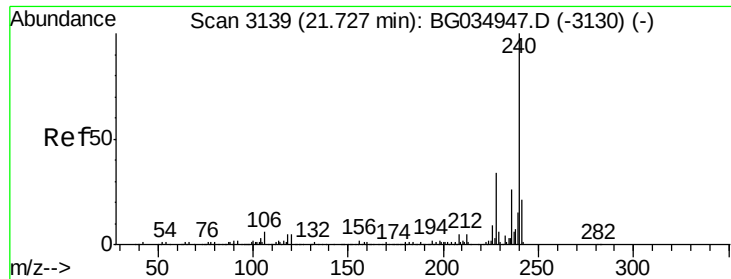
Sohil
6/8/2018 4:45:05 PM



#74
Fluoranthene
Concen: 44.180 ng
RT: 19.49 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

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: 21.72 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

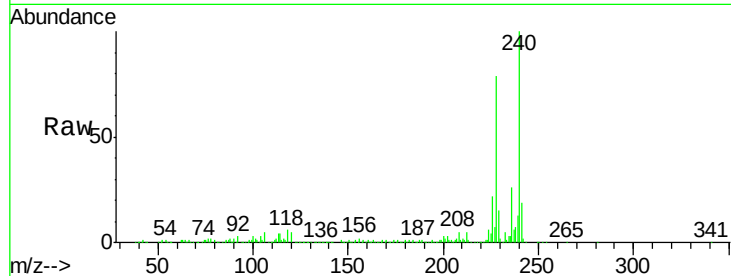
ClientSampleId :

PB110005BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.8	10.2#
236	25.5	20.9	31.3

Manual Integrations
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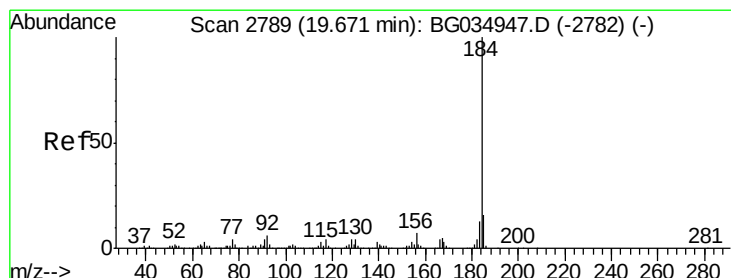
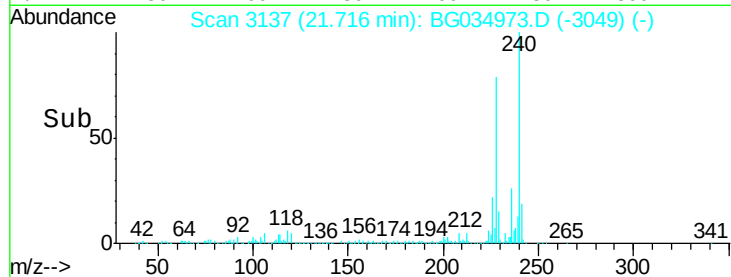
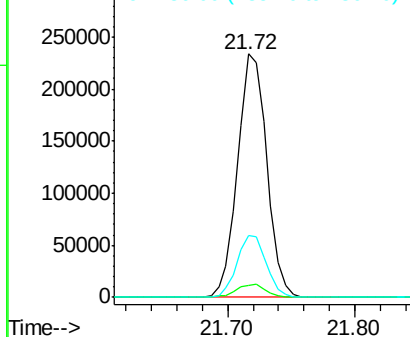


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.781 ng

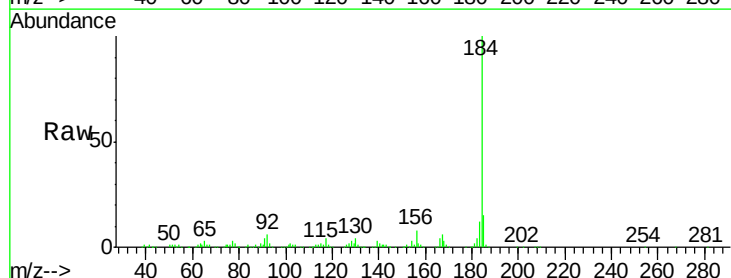
RT: 19.67 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	12.1	10.6	16.0

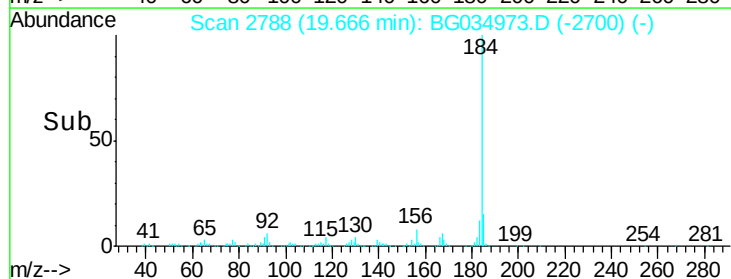
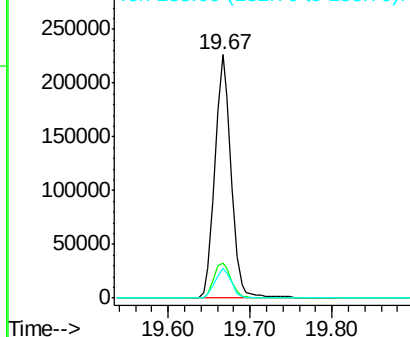


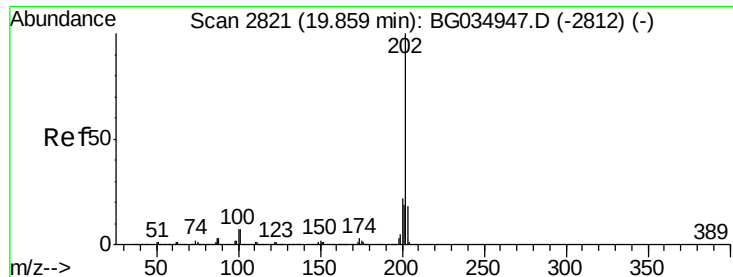
Abundance

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





#77

Pvrene

Concen: 43.681 ng

RT: 19.85 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

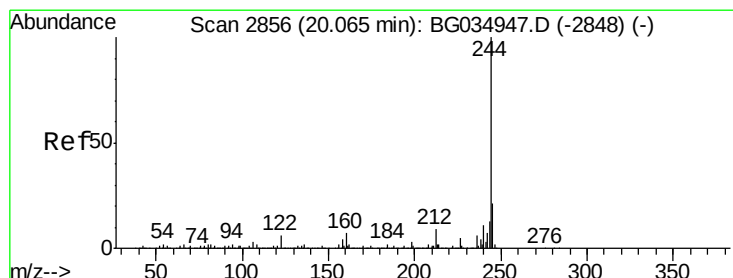
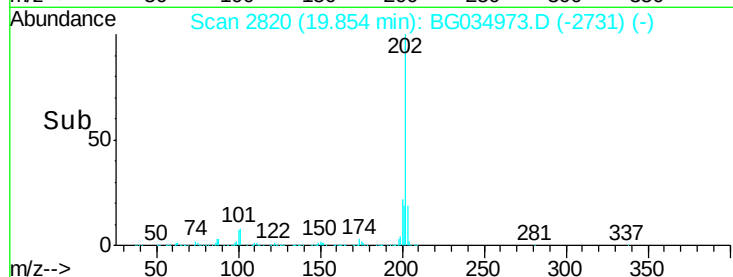
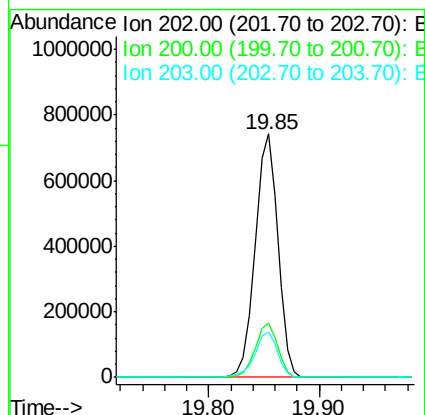
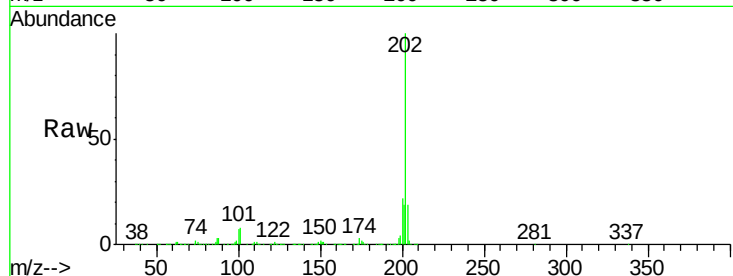
ClientSampleId :

PB110005BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	18.7	13.9	20.9

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#78

Terphenyl-d14

Concen: 88.494 ng

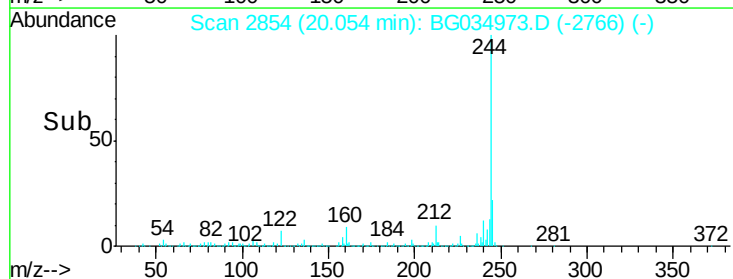
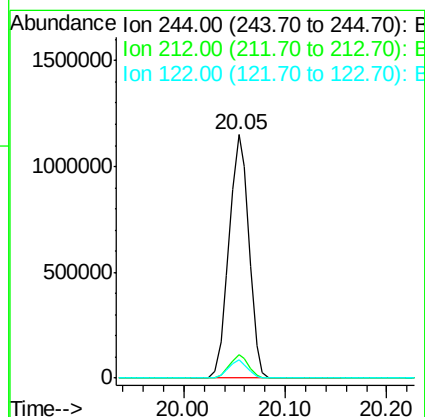
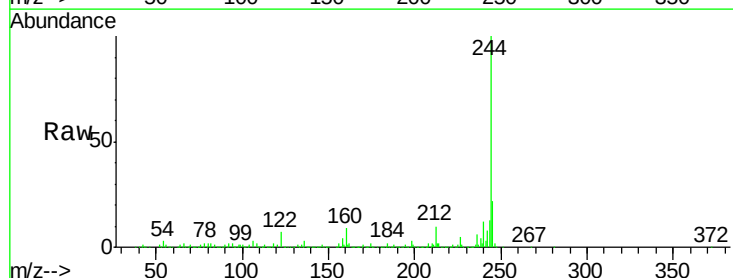
RT: 20.05 min Scan# 2854

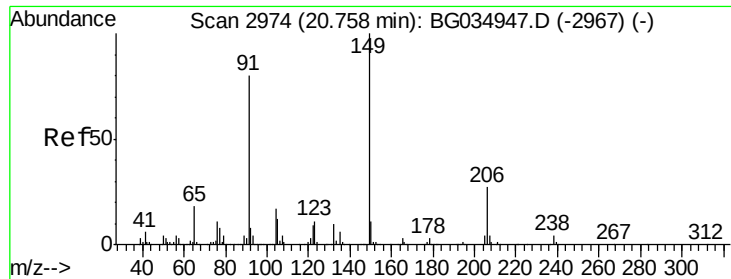
Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	7.4	7.0	10.4





#79

Butylbenzylphthalate

Concen: 45.698 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

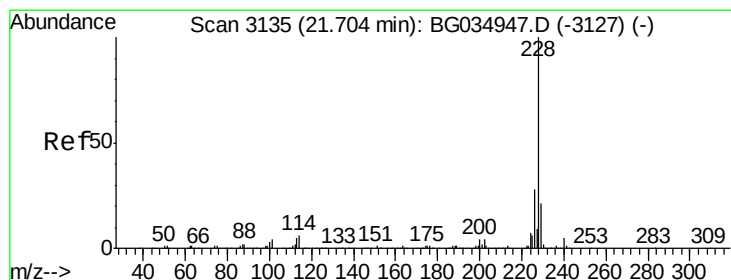
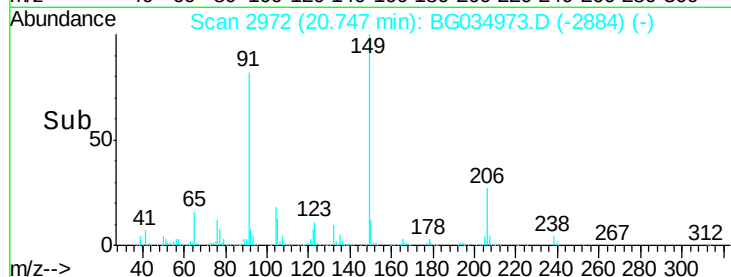
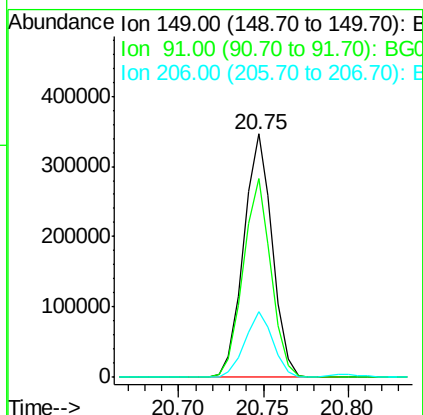
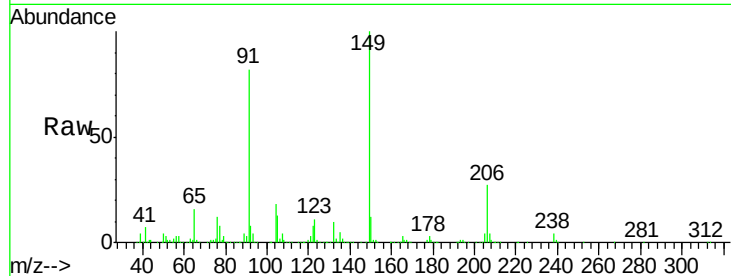
ClientSampleId :

PB110005BS

Tot Ion:	149	Resp:	407272
Ion Ratio	Lower	Upper	
149	100		
91	81.5	62.2	93.2
206	26.7	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 45.049 ng

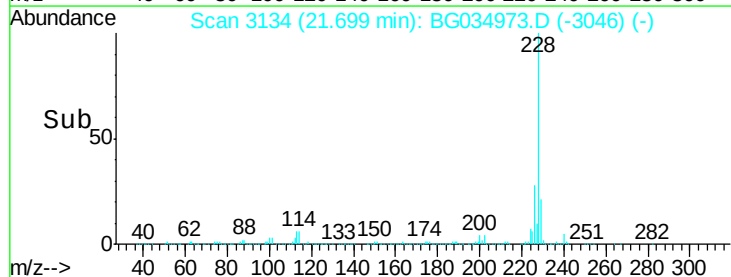
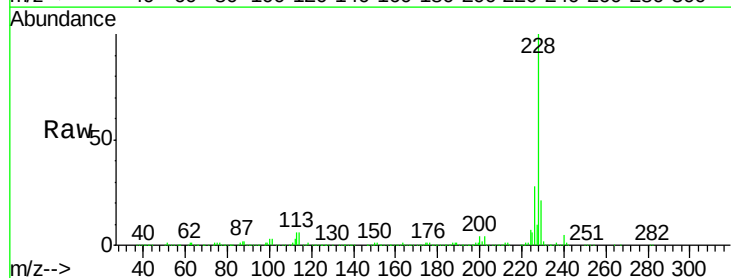
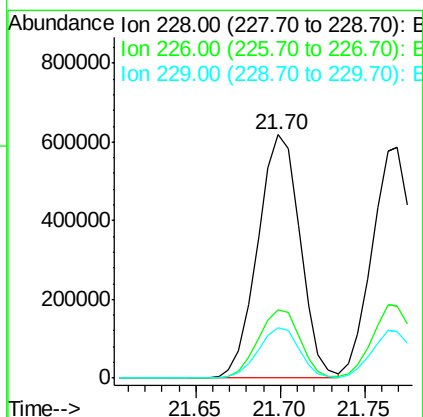
RT: 21.70 min Scan# 3134

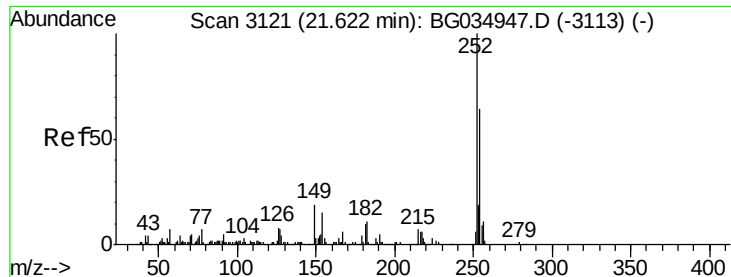
Delta R.T. -0.01 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:	228	Resp:	1071757
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.7	34.1
229	20.5	16.2	24.2





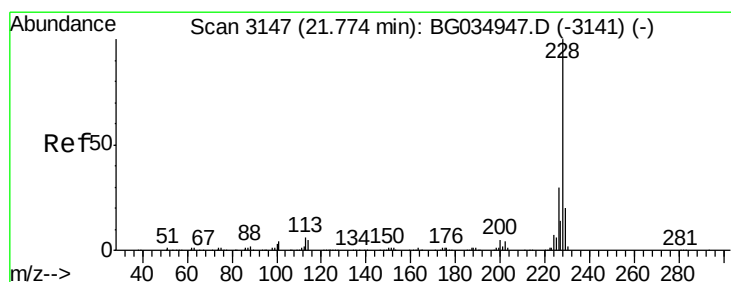
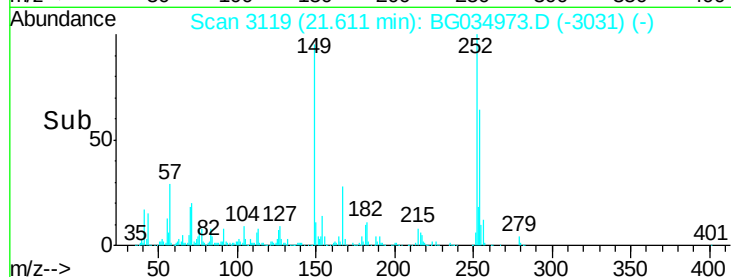
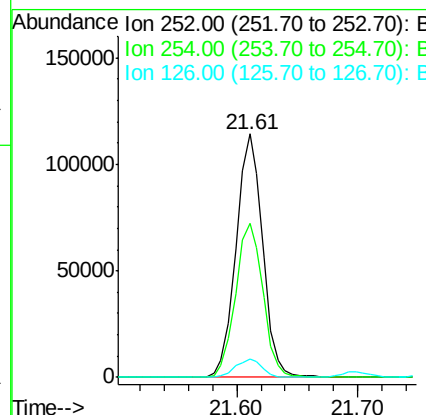
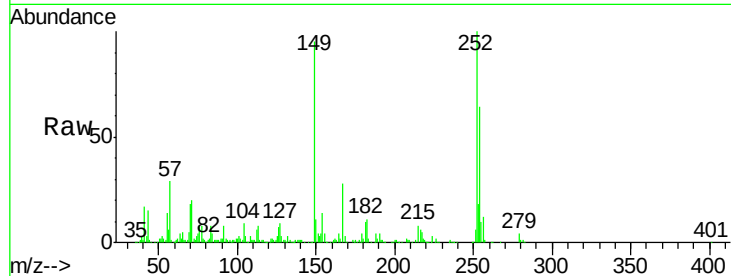
#81
 3,3'-Dichlorobenzidine
 Concen: 19.566 ng
 RT: 21.61 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	7.3	7.4	11.2#

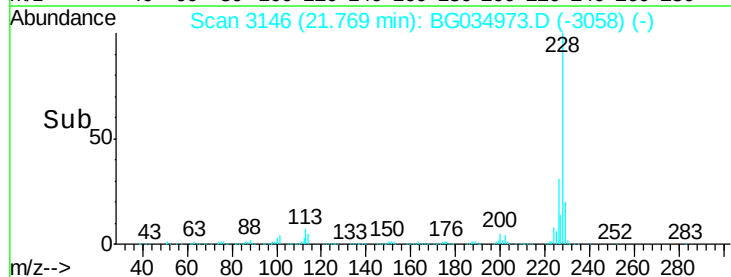
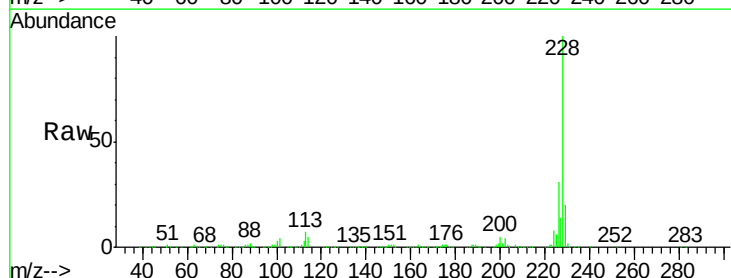
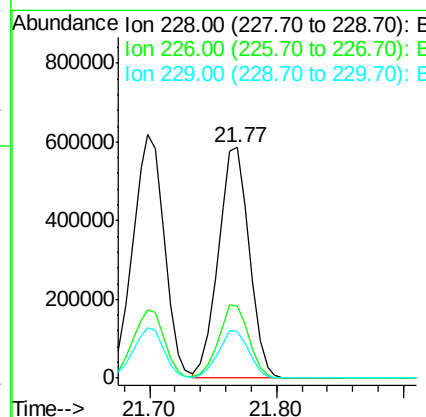
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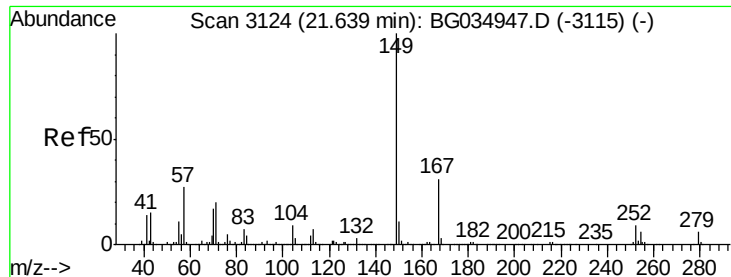
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#82
 Chrysene
 Concen: 45.421 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.4	15.0	22.4





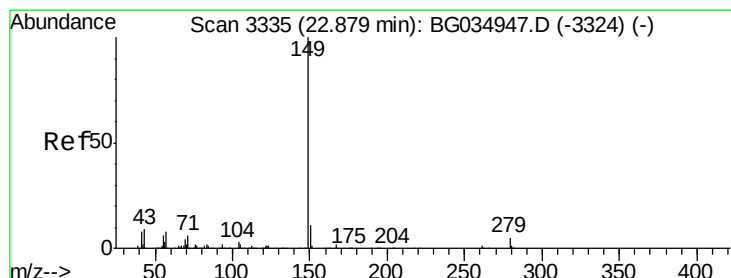
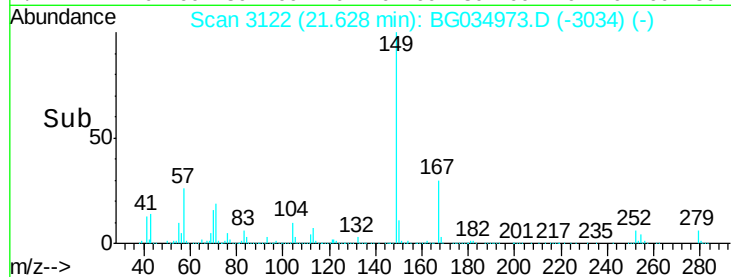
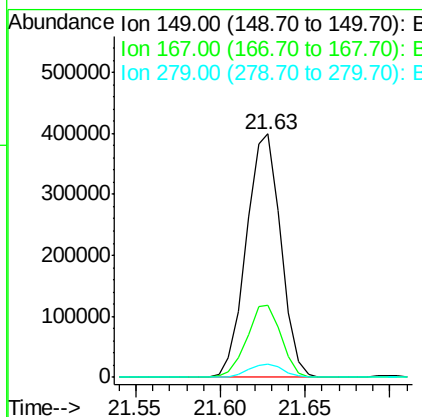
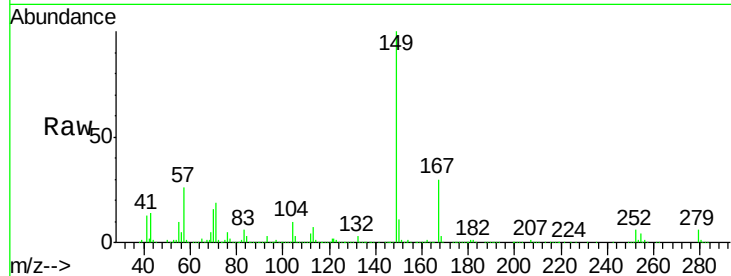
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.921 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.3	36.5
279	5.7	4.0	6.0

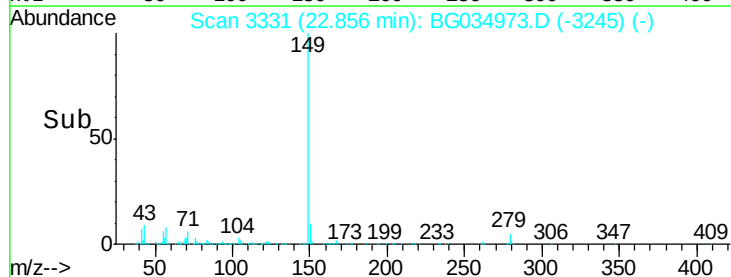
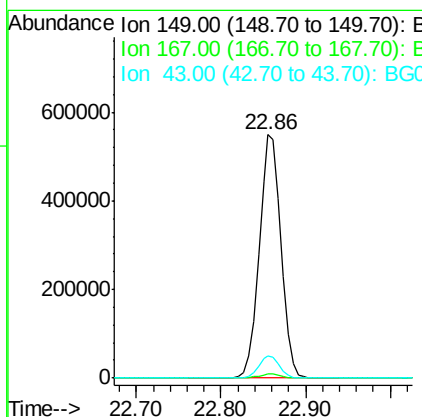
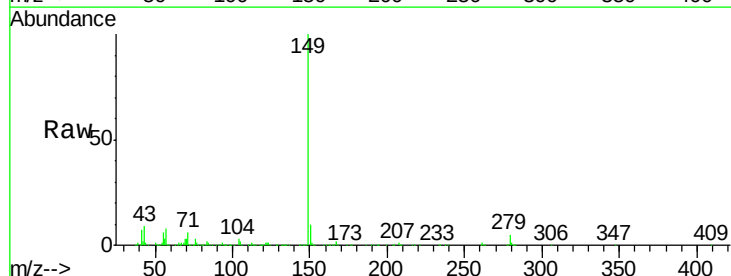
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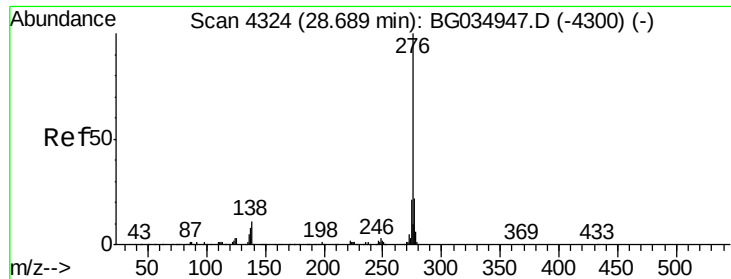
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#84
 Di-n-octyl phthalate
 Concen: 45.456 ng
 RT: 22.86 min Scan# 3331
 Delta R.T. -0.02 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.7	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.289 ng

RT: 28.67 min Scan# 4321

Delta R.T. -0.04 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampled :

PB110005BS

Tot Ion:276 Resp: 1206403

Ion Ratio Lower Upper

276 100

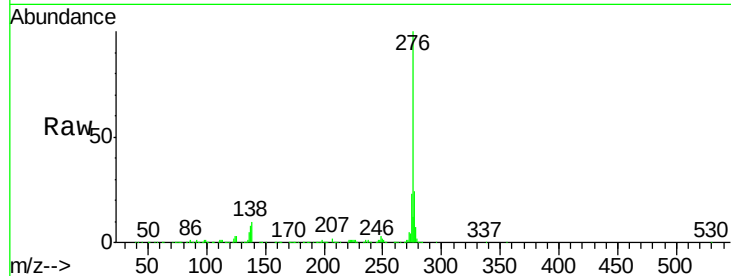
138 9.8 16.0 24.0#

277 21.5 20.0 30.0

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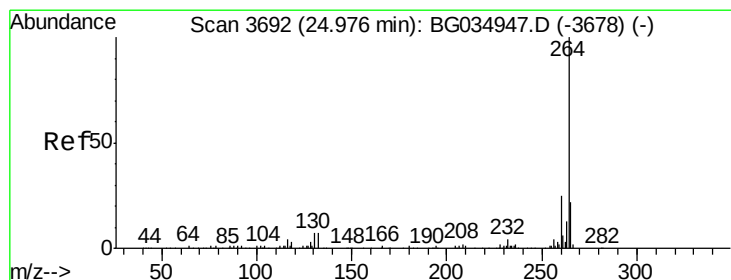
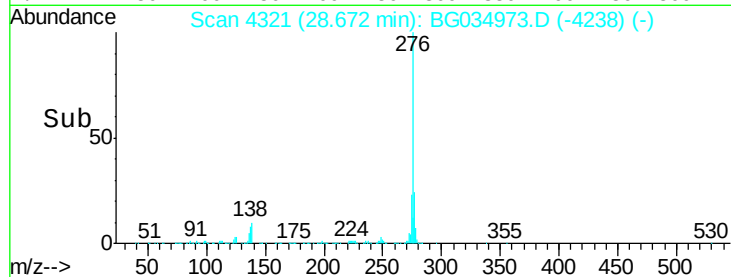
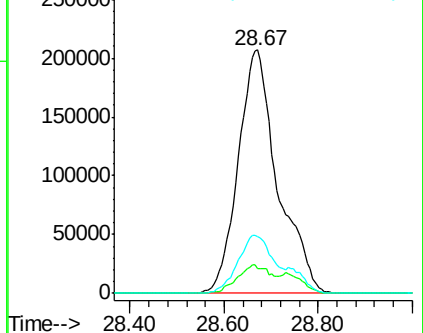
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

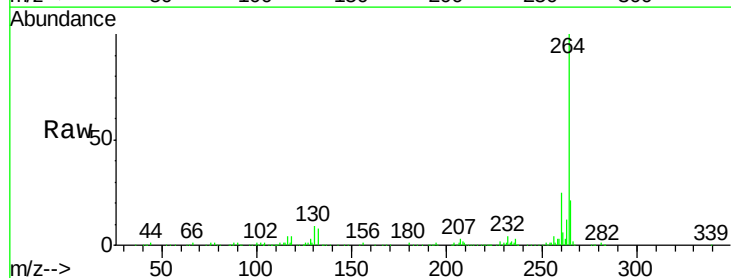
Tgt Ion:264 Resp: 373269

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

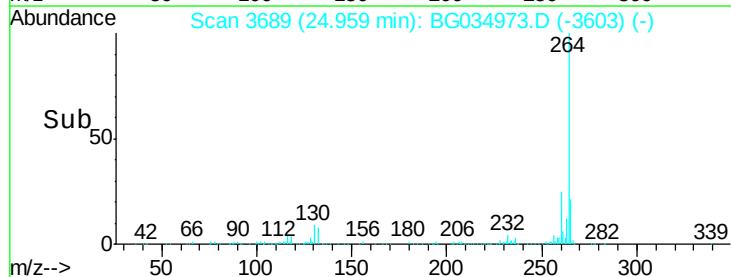
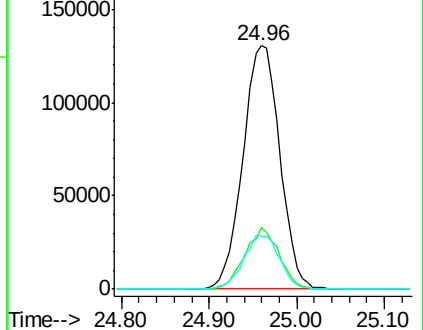
265 21.5 17.7 26.5

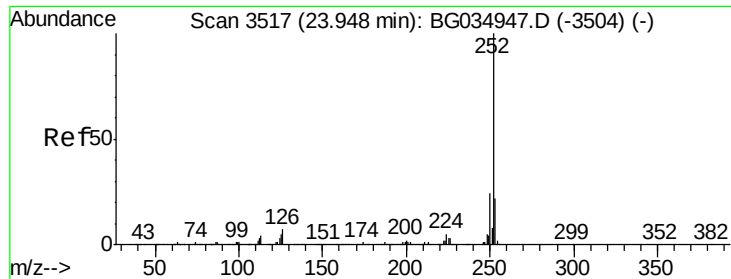


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.619 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Instrument :

BNA_G

ClientSampled :

PB110005BS

Tot Ion:252 Resp: 1071620

Ion Ratio Lower Upper

252 100

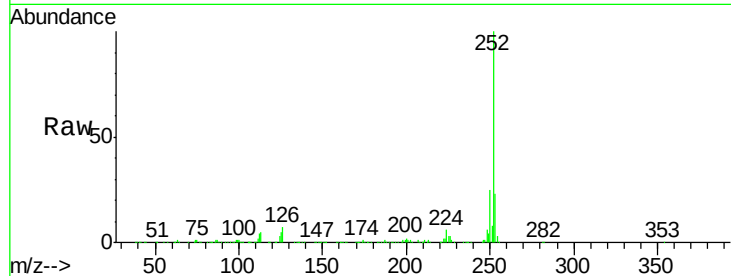
253 22.6 18.2 27.4

125 5.4 7.2 10.8#

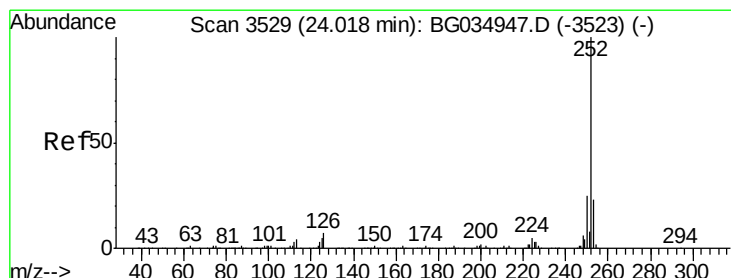
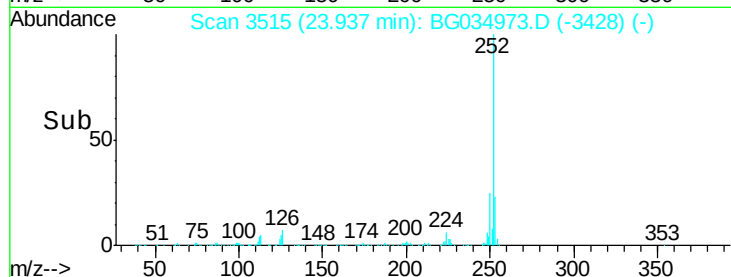
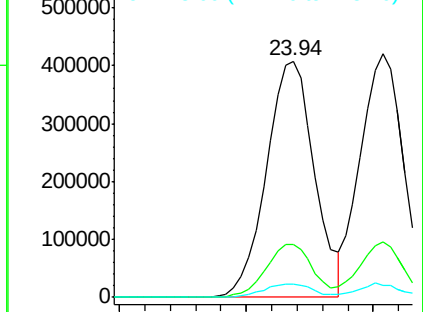
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.913 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.02 min

Lab File: BG034973.D

Acq: 8 Jun 2018 5:14

Tgt Ion:252 Resp: 987430

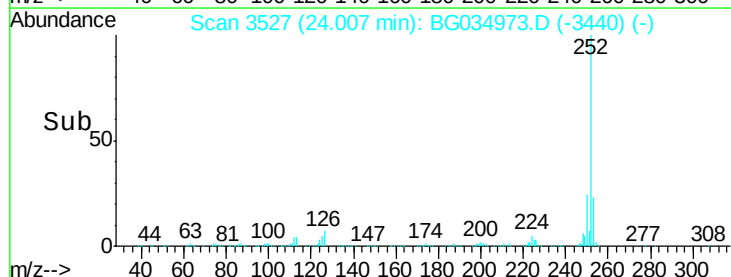
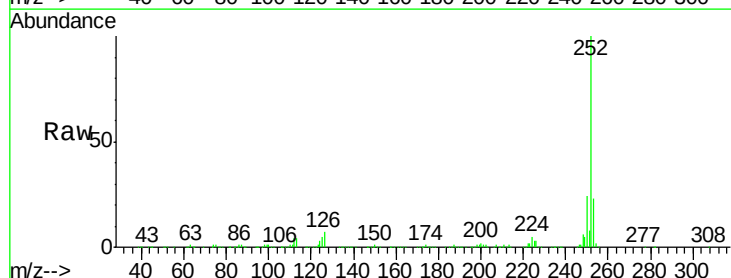
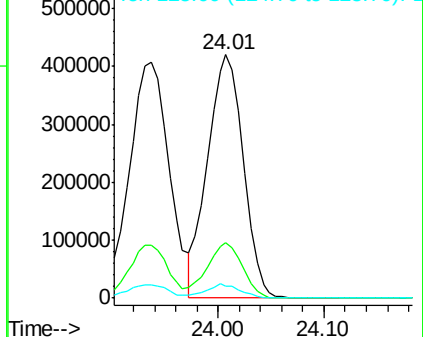
Ion Ratio Lower Upper

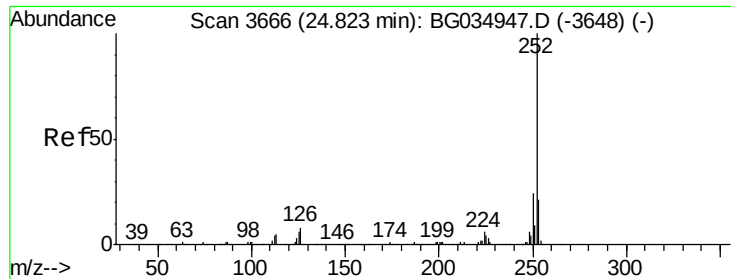
252 100

253 22.7 17.4 26.2

125 4.8 6.6 9.8#

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





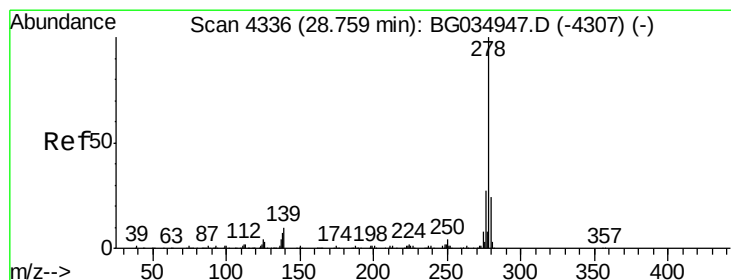
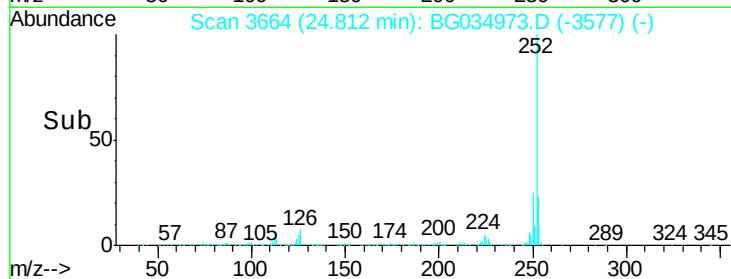
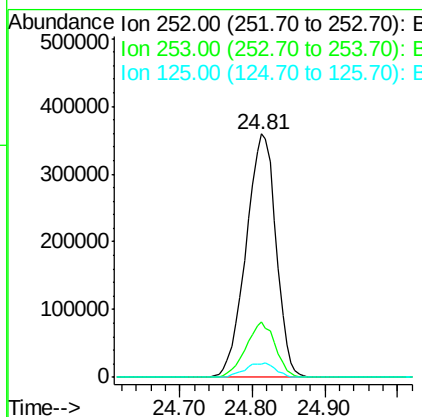
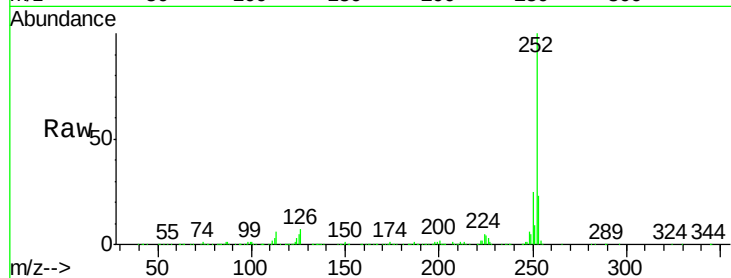
#89
Benzo(a)pyrene
Concen: 47.514 ng
RT: 24.81 min Scan# 3664
Delta R.T. -0.02 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Instrument :
BNA_G
ClientSampleId :
PB110005BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	5.4	7.3	10.9

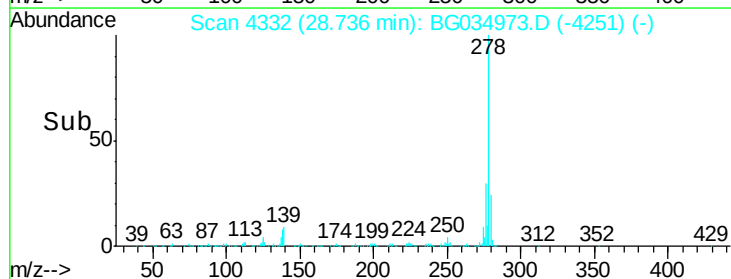
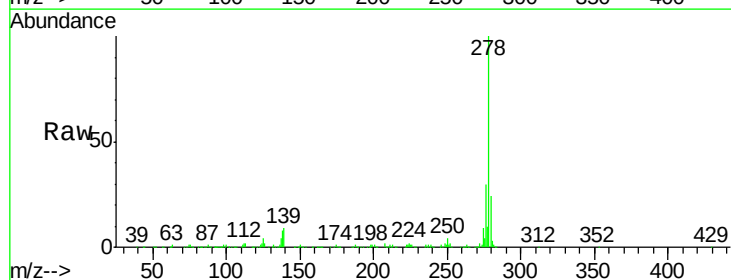
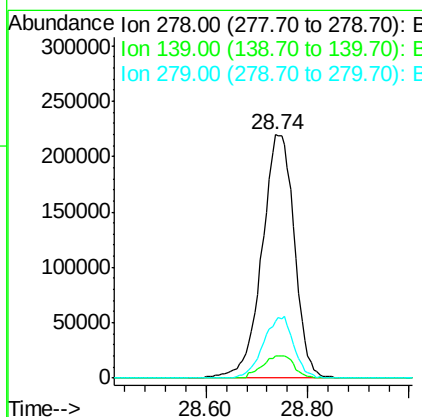
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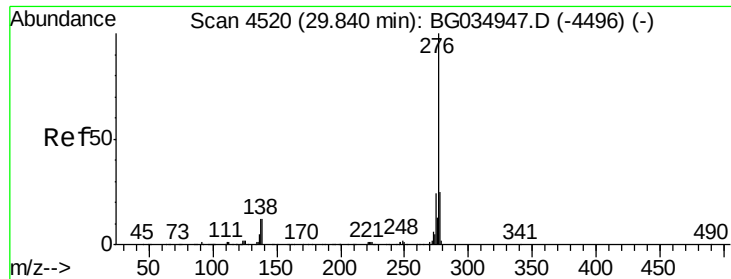
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#90
Dibenzo(a,h)anthracene
Concen: 45.607 ng
RT: 28.74 min Scan# 4332
Delta R.T. -0.05 min
Lab File: BG034973.D
Acq: 8 Jun 2018 5:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.9	9.8	14.6
279	23.5	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.642 ng
 RT: 29.82 min Scan# 4517
 Delta R.T. -0.04 min
 Lab File: BG034973.D
 Acq: 8 Jun 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 PB110005BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	13.2	13.9	20.9

Manual Integrations
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