

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037374.D
 Acq On : 17 Oct 2018 00:39
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 10/17/2018 2:59:42 PM

Quant Time: Oct 17 02:16:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66765	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	307235	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	202046	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	477466	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	434450	20.00	ng	-0.02
87) Perylene-d12	25.12	264	465223	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	320354	84.44	ng	0.00
7) Phenol-d6	7.25	99	481469	83.61	ng	0.00
23) Nitrobenzene-d5	9.29	82	437672	93.66	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	184297	93.01	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1039335	77.25	ng	-0.01
79) Terphenyl-d14	20.09	244	1580683	76.40	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	80381	37.726	ng	99
3) Pyridine	3.94	79	203906	40.308	ng	98
4) n-Nitrosodimethylamine	3.86	42	74857	38.105	ng	# 93
6) Aniline	7.44	93	292632	38.822	ng	97
8) 2-Chlorophenol	7.67	128	182819	41.176	ng	98
9) Benzaldehyde	7.25	77	152945	38.579	ng	97
10) Phenol	7.28	94	252610	41.654	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	192931	38.941	ng	99
12) 1,3-Dichlorobenzene	8.00	146	206858	39.631	ng	99
13) 1,4-Dichlorobenzene	8.15	146	208329	39.423	ng	97
14) 1,2-Dichlorobenzene	8.47	146	196742	38.420	ng	98
15) Benzyl Alcohol	8.35	79	182255	40.464	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	350198	35.754	ng	97
17) 2-Methylphenol	8.54	107	165844	40.832	ng	96
18) Hexachloroethane	9.20	117	72279	40.074	ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	166629	38.222	ng	96
20) 3+4-Methylphenols	8.87	107	240715	42.386	ng	98
22) Acetophenone	8.95	105	302496	39.058	ng	# 98
24) Nitrobenzene	9.33	77	229591	45.869	ng	94
25) Isophorone	9.85	82	410785	38.506	ng	96
26) 2-Nitrophenol	10.04	139	104772	54.203	ng	99
27) 2,4-Dimethylphenol	10.09	122	182195	40.859	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	265135	39.724	ng	94
29) 2,4-Dichlorophenol	10.57	162	204997	45.289	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	218317	39.636	ng	97
31) Naphthalene	10.98	128	596241	39.932	ng	99
32) Benzoic acid	10.21	122	130247	52.899	ng	97
33) 4-Chloroaniline	11.10	127	281036	40.123	ng	99
34) Hexachlorobutadiene	11.25	225	130102	38.036	ng	98
35) Caprolactam	11.89	113	87739	47.548	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	232705	43.531	ng	100
37) 2-Methylnaphthalene	12.58	142	438187	40.213	ng	99
38) 1-Methylnaphthalene	12.80	142	424905	39.925	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	257591	39.368	ng	99

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 SSTDC0040EC

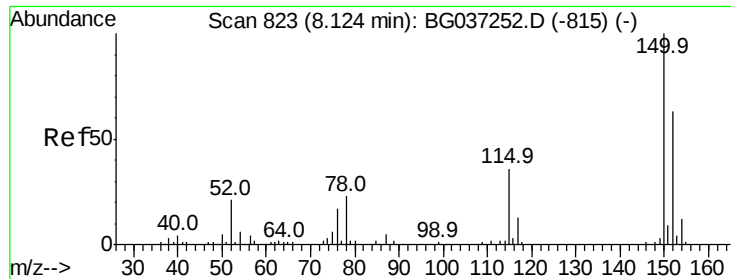
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	119492	44.299	nq	99
43) 2,4,6-Trichlorophenol	13.18	196	179291	47.235	nq	100
44) 2,4,5-Trichlorophenol	13.25	196	191001	46.768	nq	98
46) 1,1'-Biphenyl	13.58	154	660447	39.737	nq	98
47) 2-Chloronaphthalene	13.63	162	500546	39.870	nq	98
48) 2-Nitroaniline	13.83	65	157133	46.411	nq	93
49) Acenaphthylene	14.47	152	761541	39.653	nq	100
50) Dimethylphthalate	14.20	163	629862	39.668	nq	100
51) 2,6-Dinitrotoluene	14.33	165	141065	45.964	nq	94
52) Acenaphthene	14.81	154	465726	39.259	nq	99
53) 3-Nitroaniline	14.66	138	156280	47.042	nq	97
54) 2,4-Dinitrophenol	14.86	184	35237	44.350	nq	94
55) Dibenzofuran	15.14	168	757471	39.351	nq	100
56) 4-Nitrophenol	14.94	139	117670	45.439	nq	100
57) 2,4-Dinitrotoluene	15.10	165	193406	49.374	nq	96
58) Fluorene	15.79	166	568596	39.058	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	165503	45.773	nq	100
60) Diethylphthalate	15.55	149	648883	39.433	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	332754	39.104	nq	99
62) 4-Nitroaniline	15.82	138	161071	46.193	nq	93
63) Azobenzene	16.07	77	604951	38.344	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	80343	53.046	nq	99
66) n-Nitrosodiphenylamine	16.00	169	567613	40.481	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	208666	40.494	nq	98
68) Hexachlorobenzene	16.78	284	214204	40.092	nq	99
69) Atrazine	16.94	200	216239	41.493	nq	99
70) Pentachlorophenol	17.13	266	145605	42.240	nq	94
71) Phenanthrene	17.54	178	952978	39.209	nq	99
72) Anthracene	17.62	178	941338	39.569	nq	97
73) Carbazole	17.90	167	963854	39.323	nq	99
74) Di-n-butylphthalate	18.43	149	1092081	41.569	nq	99
75) Fluoranthene	19.54	202	1097837	38.647	nq	99
77) Benzidine	19.72	184	551871	33.205	nq	99
78) Pyrene	19.90	202	1125875	39.763	nq	98
80) Butylbenzylphthalate	20.77	149	494415	44.880	nq	99
81) Benzo(a)anthracene	21.76	228	1024592	39.378	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	406822	40.532	nq	99
83) Chrysene	21.83	228	983110	39.609	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	692278	43.762	nq	97
85) Di-n-octyl phthalate	22.89	149	1132878	44.122	nq	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1120264	40.720	nq	# 97
88) Benzo(b)fluoranthene	24.05	252	1018642	40.273	nq	99
89) Benzo(k)fluoranthene	24.12	252	987853m	39.580	nq	
90) Benzo(a)pyrene	24.96	252	975550	40.223	nq	99
91) Dibenzo(a,h)anthracene	29.03	278	916714	39.503	nq	99
92) Benzo(g,h,i)perylene	30.16	276	926160	39.960	nq	99

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



#1

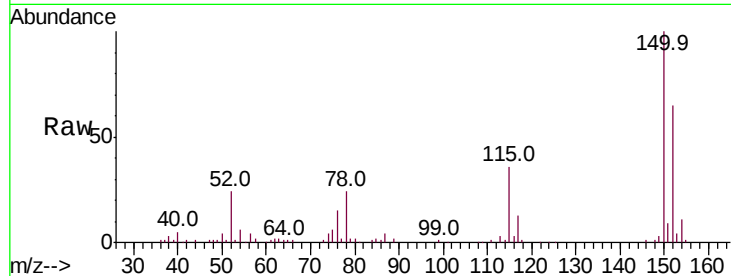
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.0	189.0
115	55.0	45.5	68.3

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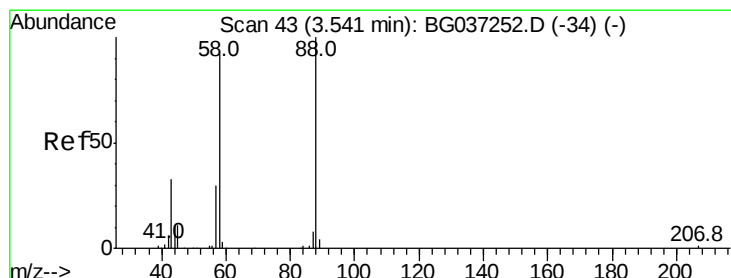
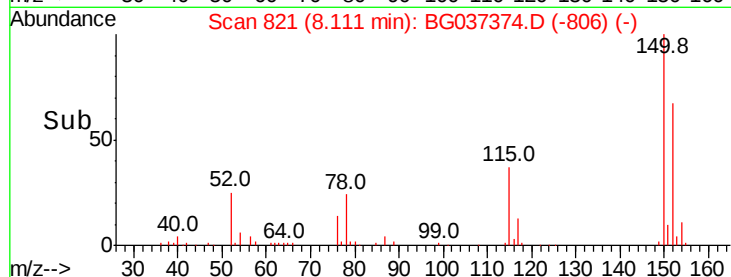
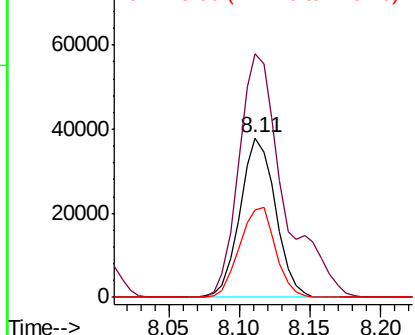


Abundance

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: 37.726 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

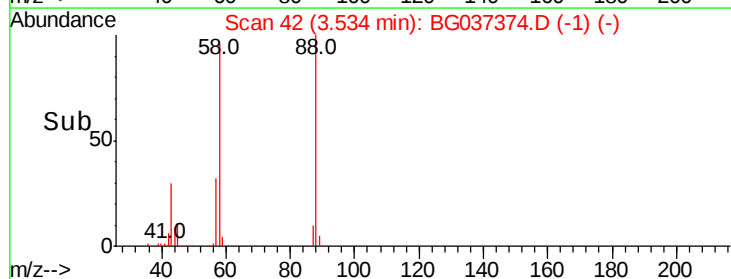
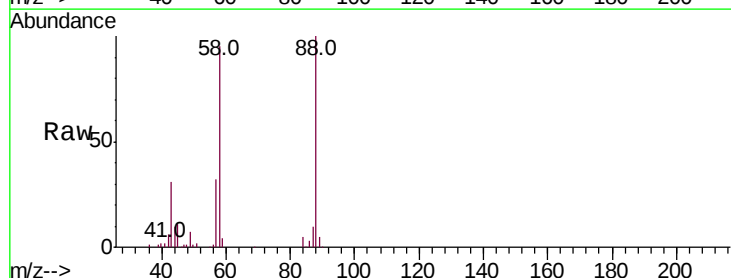
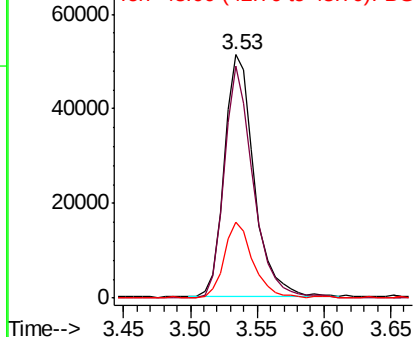
Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.9	74.4	111.6
43	30.3	25.8	38.8

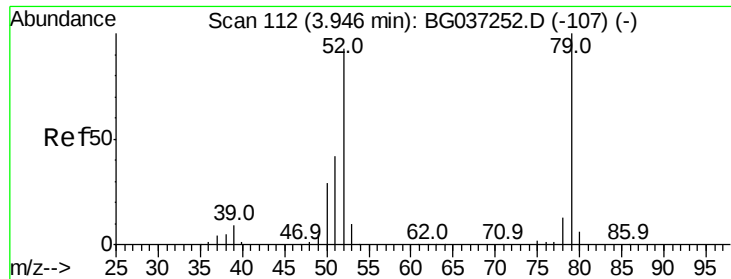
Abundance

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: 40.308 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

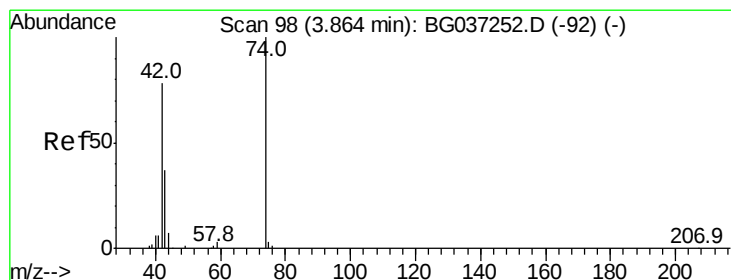
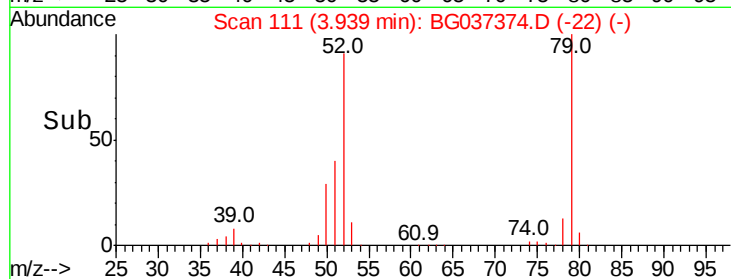
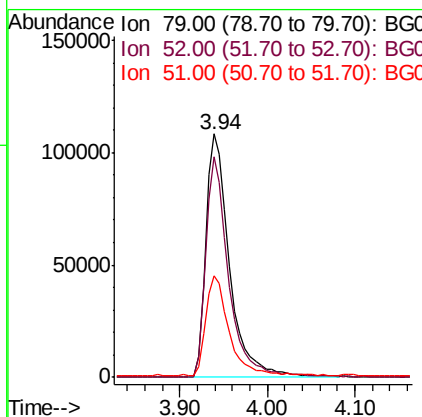
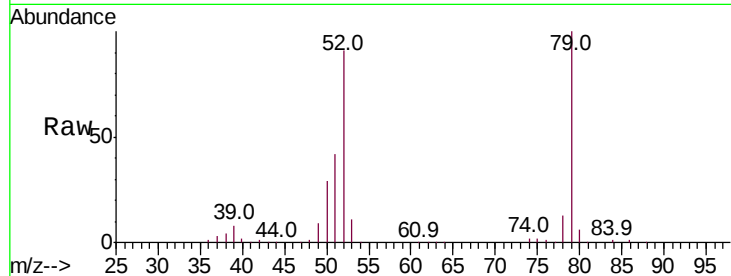
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	203906
Ion	Ratio	Lower	Upper
79	100		
52	90.7	74.2	111.2
51	41.6	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 38.105 ng

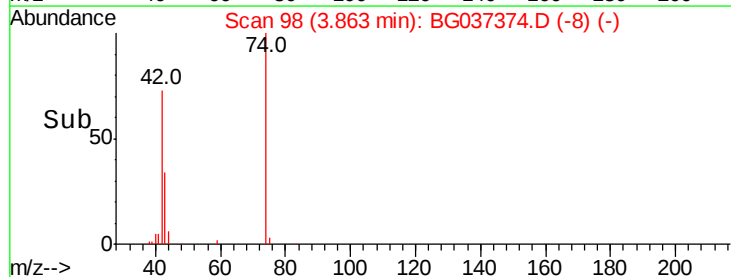
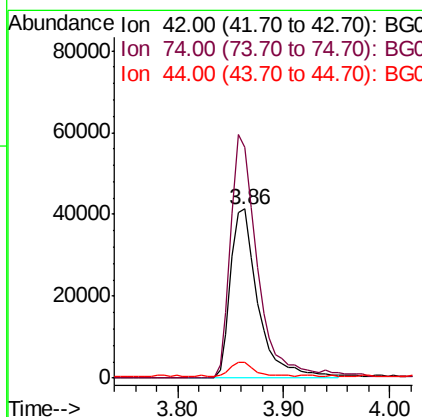
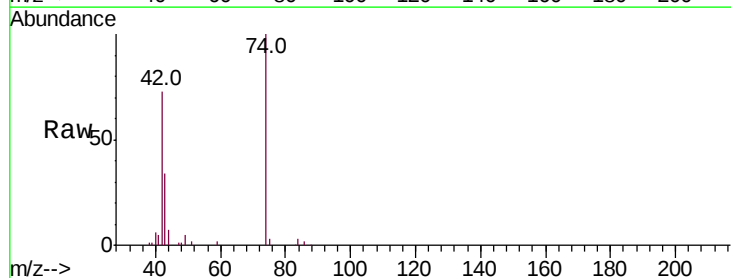
RT: 3.86 min Scan# 98

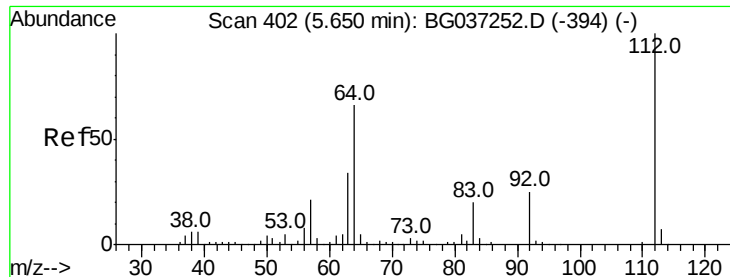
Delta R.T. -0.00 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:	42	Resp:	74857
Ion	Ratio	Lower	Upper
42	100		
74	136.2	102.0	153.0
44	9.4	9.6	14.4#





#5

2-Fluorophenol

Concen: 84.444 ng

RT: 5.65 min Scan# 402

Delta R.T. -0.00 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

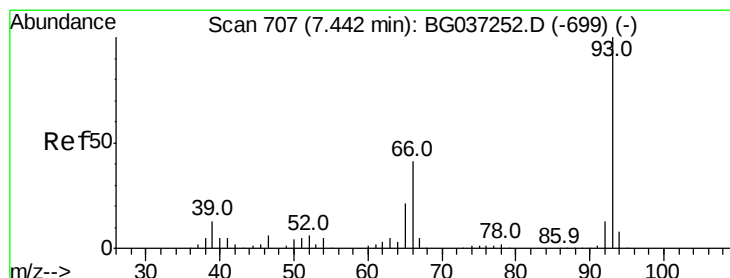
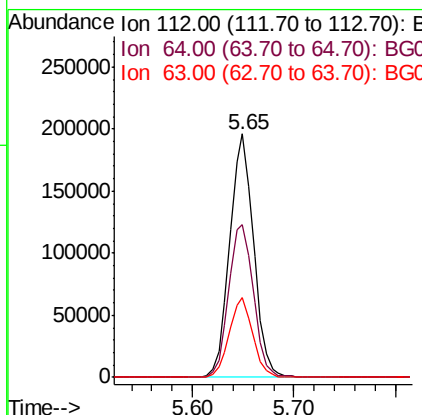
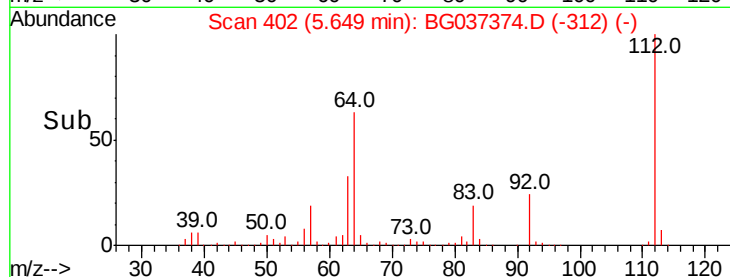
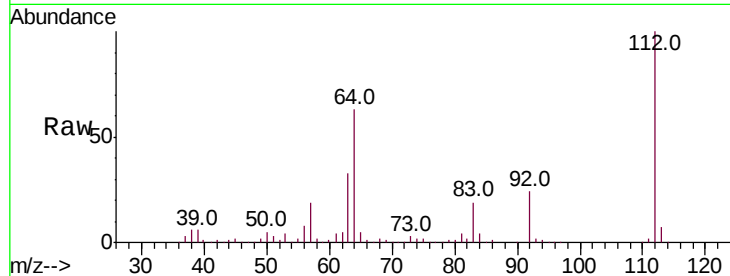
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	320354
Ion Ratio	Lower	Upper	
112	100		
64	63.0	53.1	79.7
63	32.6	27.3	40.9

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#6

Aniline

Concen: 38.822 ng

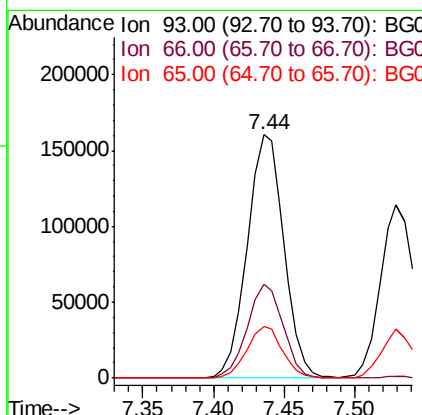
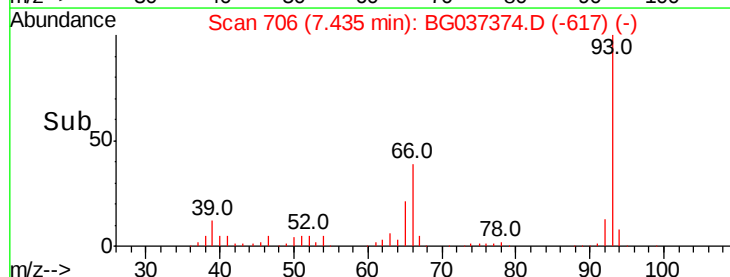
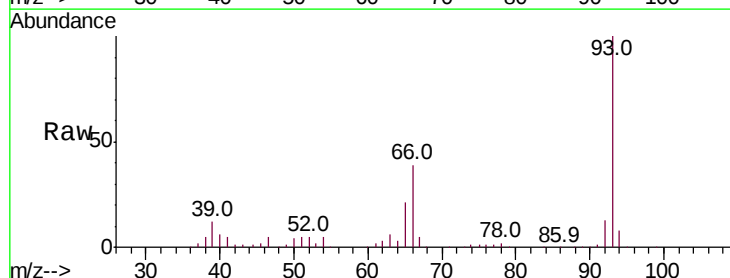
RT: 7.44 min Scan# 706

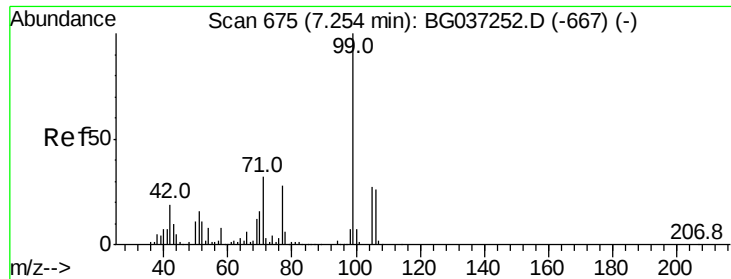
Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:	93	Resp:	292632
Ion Ratio	Lower	Upper	
93	100		
66	38.5	32.8	49.2
65	21.1	16.4	24.6





#7

Phenol-d6

Concen: 83.615 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

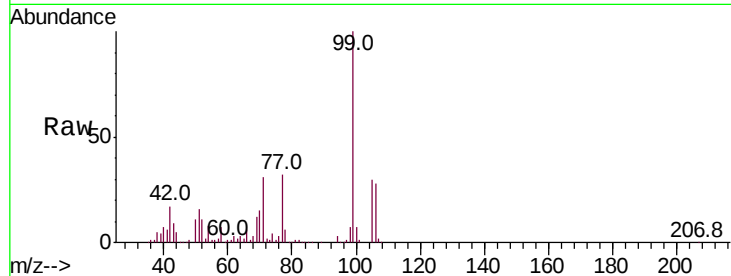
ClientSampleId :

SSTDCCC040EC

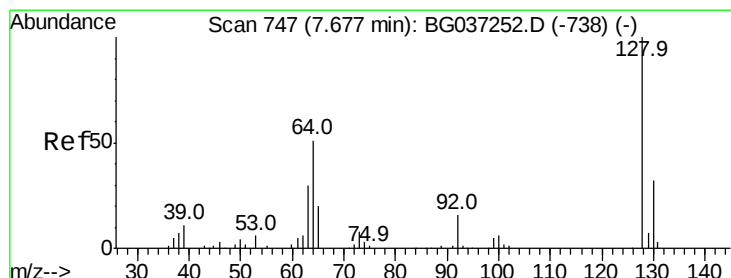
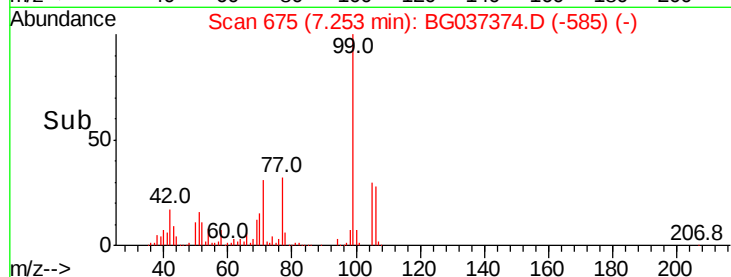
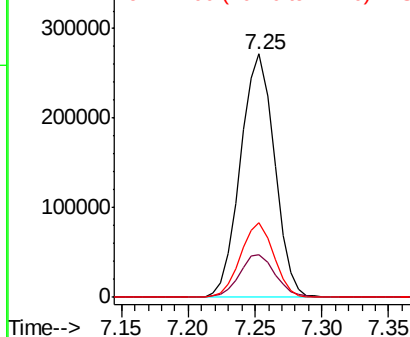
Tot Ion:	99	Resp:	481469
Ion Ratio	Lower	Upper	
99	100		
42	17.4	15.0	22.4
71	30.8	25.5	38.3

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



#8

2-Chlorophenol

Concen: 41.176 ng

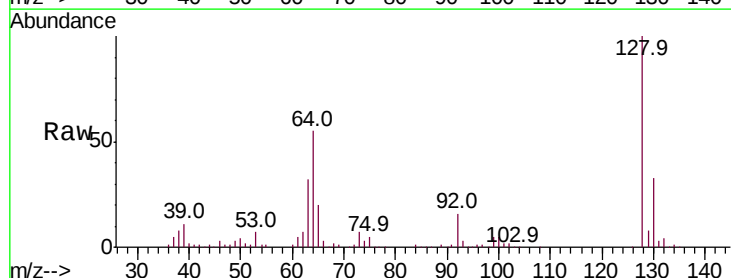
RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

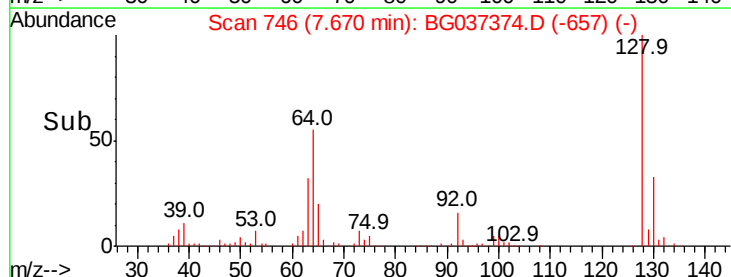
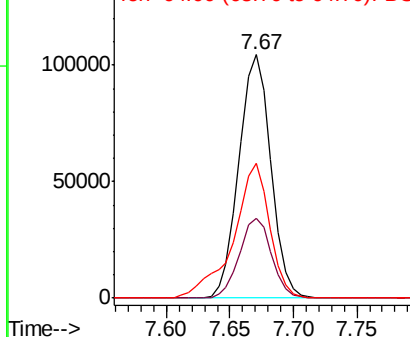
Lab File: BG037374.D

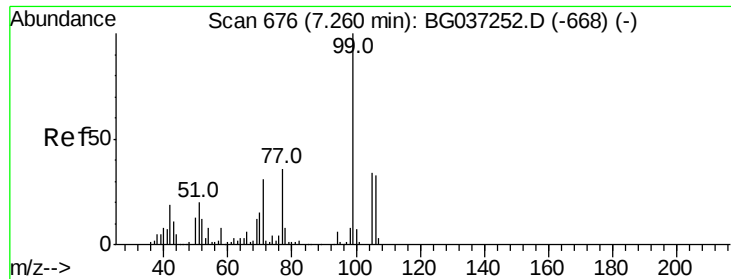
Acq: 17 Oct 2018 00:39

Tgt Ion:	128	Resp:	182819
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	55.1	32.9	72.9



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





#9

Benzaldehyde

Concen: 38.579 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

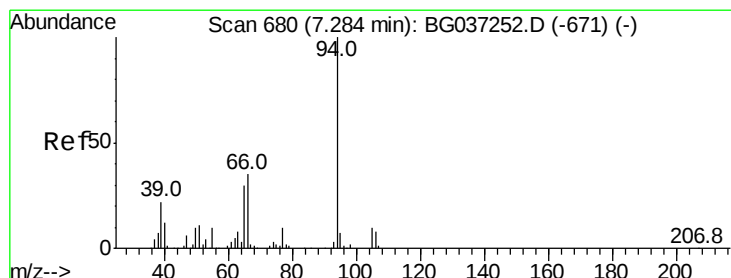
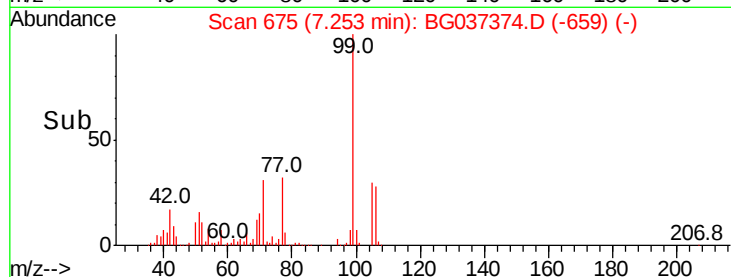
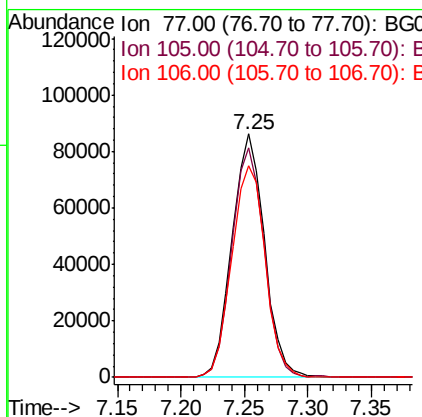
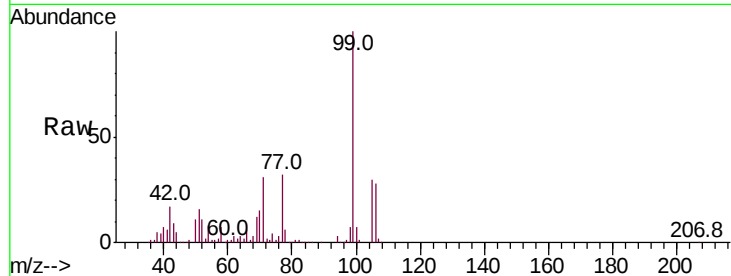
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	152945
Ion Ratio	Lower	Upper	
77	100		
105	94.1	72.6	112.6
106	87.0	71.3	111.3

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#10

Phenol

Concen: 41.654 ng

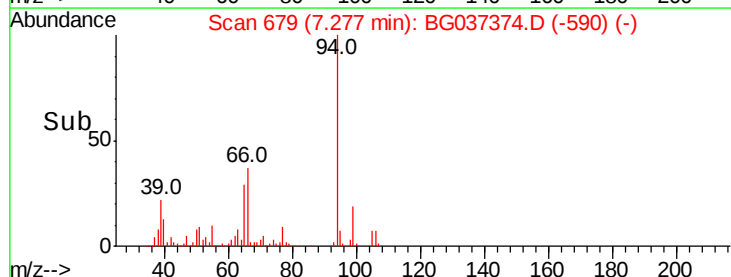
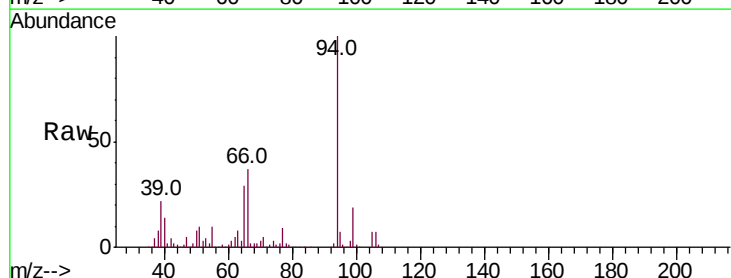
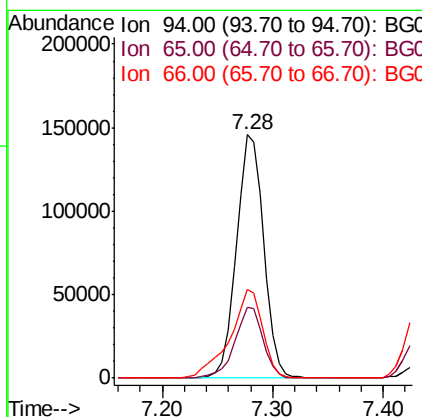
RT: 7.28 min Scan# 679

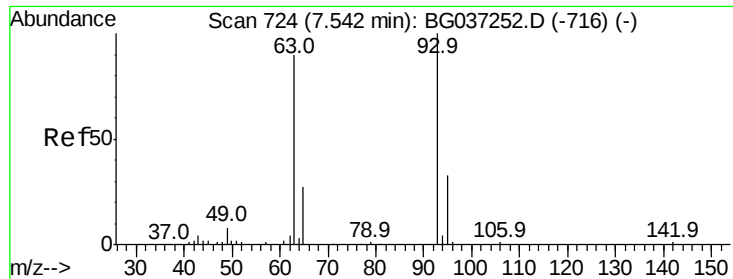
Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:	94	Resp:	252610
Ion Ratio	Lower	Upper	
94	100		
65	28.9	9.7	49.7
66	36.6	15.9	55.9





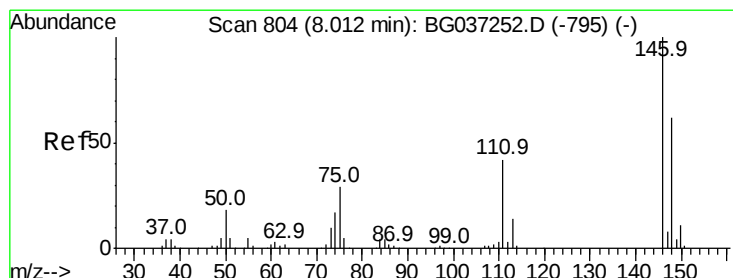
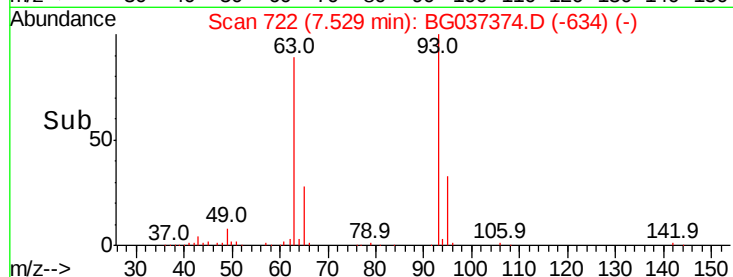
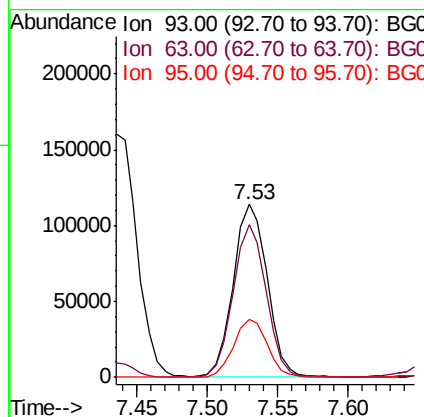
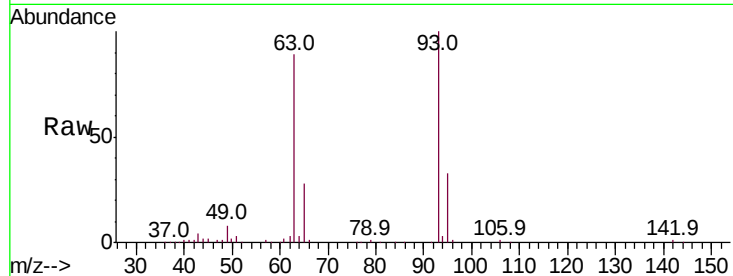
#11
bis(2-Chloroethyl)ether
Concen: 38.941 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	69.5	109.5
95	33.4	12.6	52.6

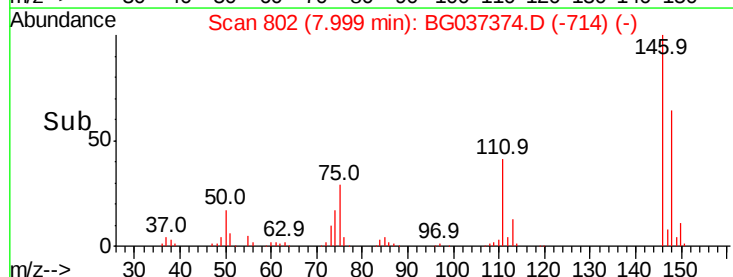
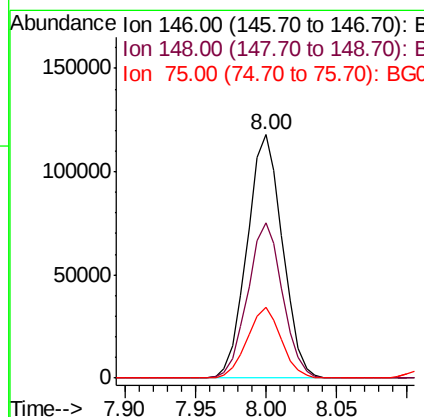
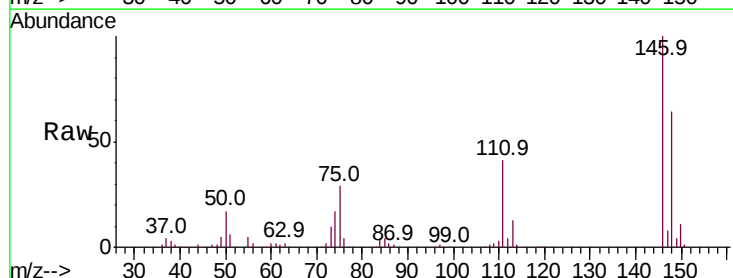
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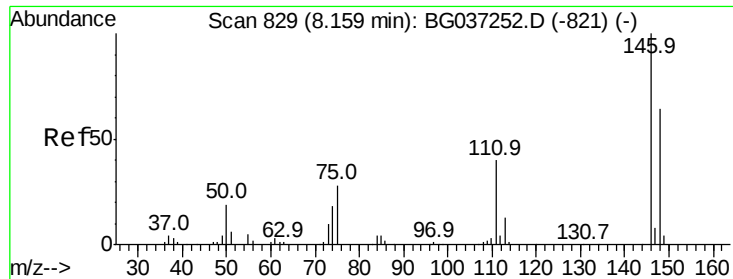
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.631 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.8	74.8
75	29.0	23.2	34.8





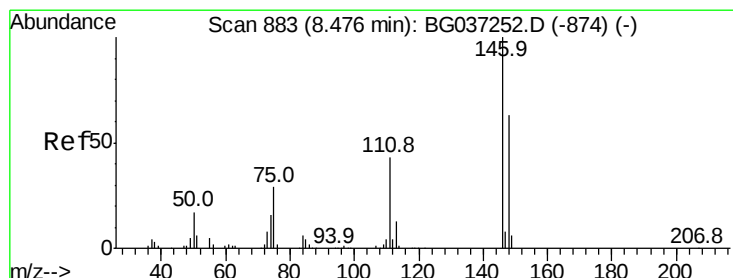
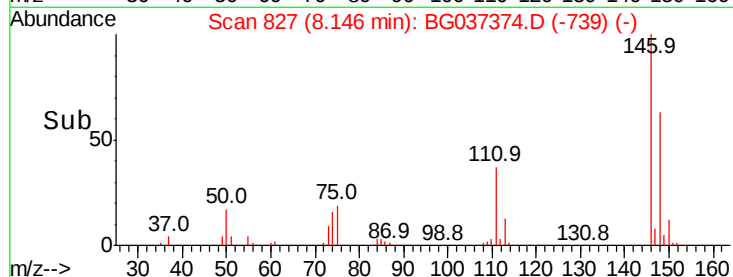
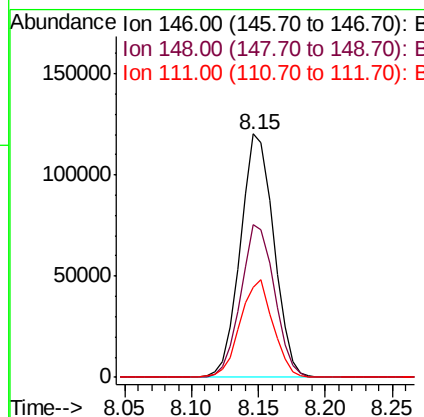
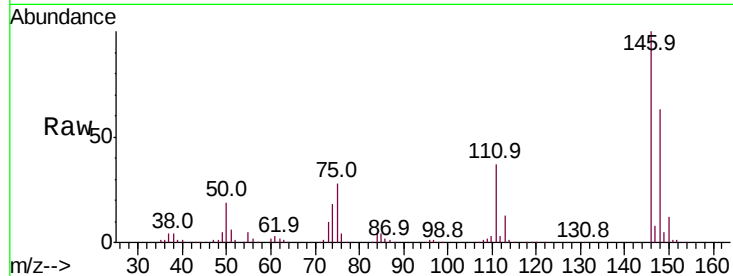
#13
 1,4-Dichlorobenzene
 Concen: 39.423 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	37.1	32.4	48.6

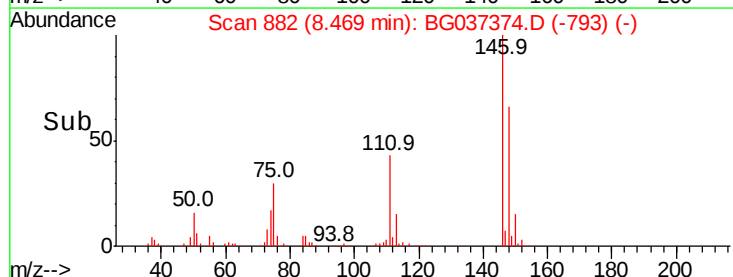
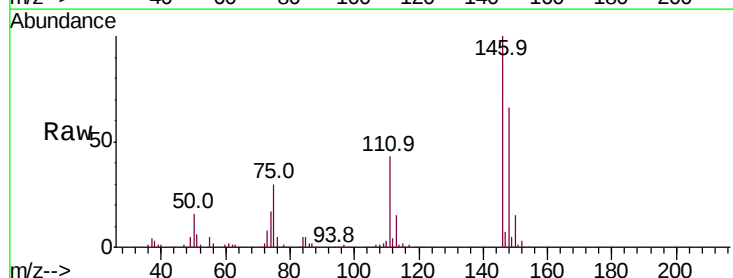
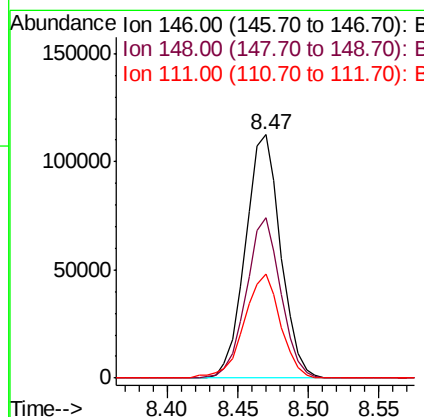
Manual Integrations
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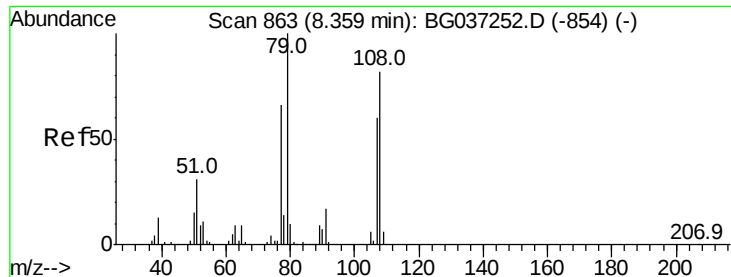
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.420 ng
 RT: 8.47 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.4	75.6
111	42.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 40.464 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

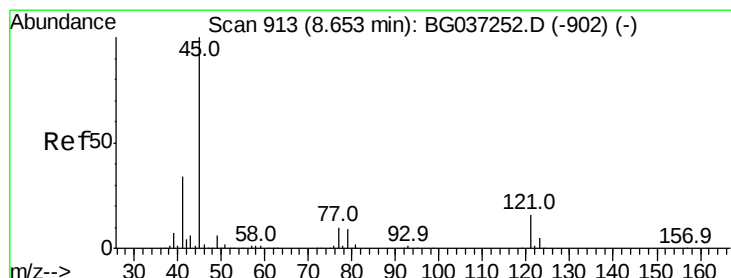
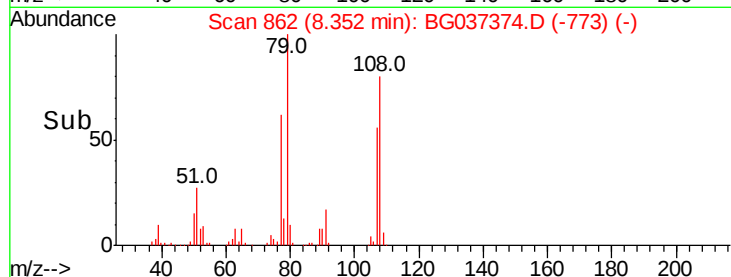
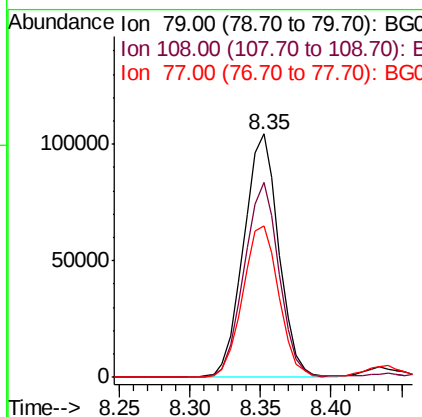
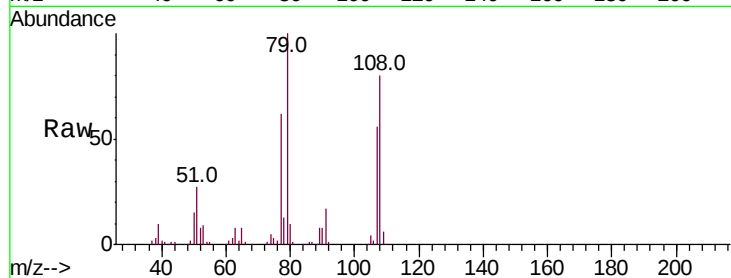
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	182255
Ion Ratio	Lower	Upper	
79	100		
108	80.0	65.8	98.8
77	62.1	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.754 ng

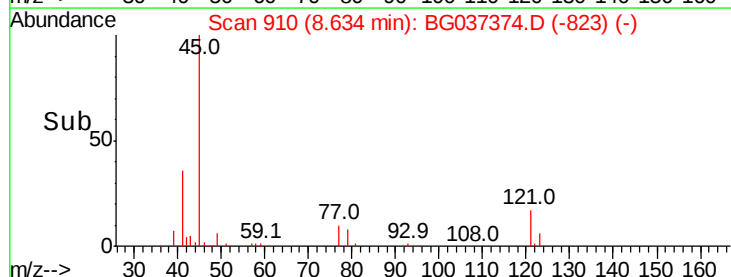
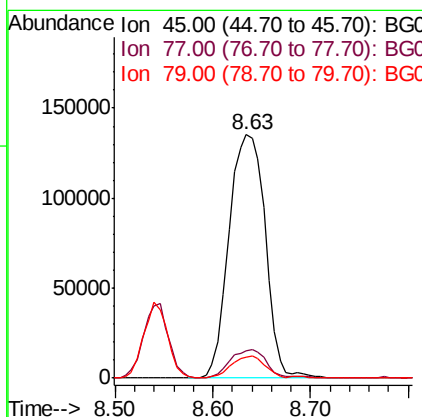
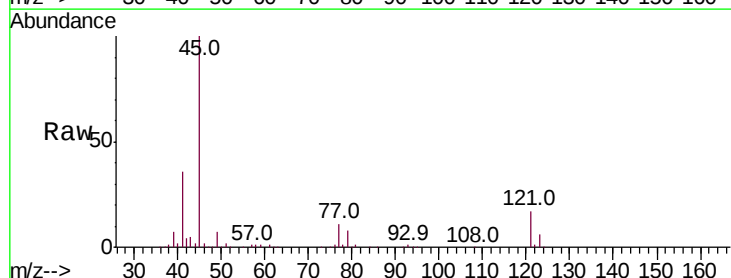
RT: 8.63 min Scan# 910

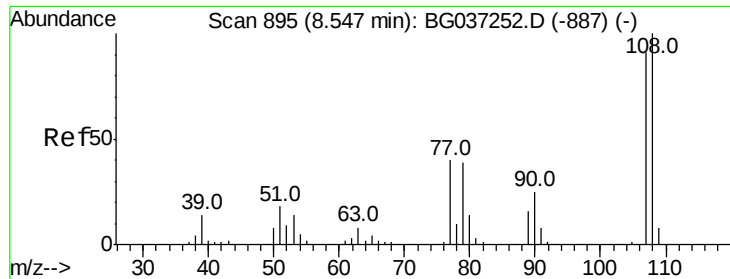
Delta R.T. -0.02 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:	45	Resp:	350198
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	30.0
79	8.4	0.0	29.0





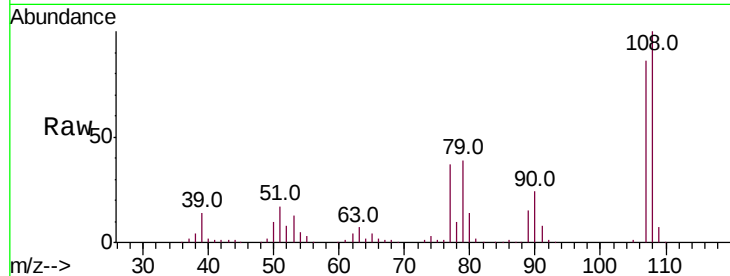
#17
2-Methylphenol
Concen: 40.832 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	87.9	131.9
77	43.1	35.1	52.7
79	44.6	34.5	51.7

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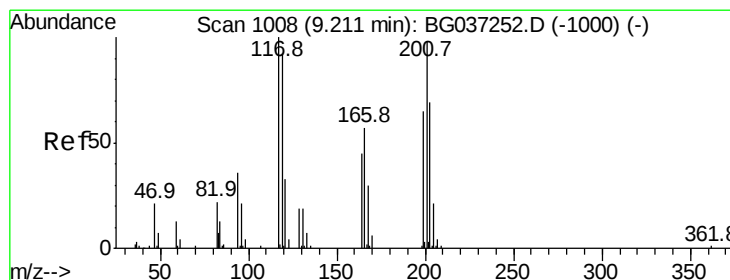
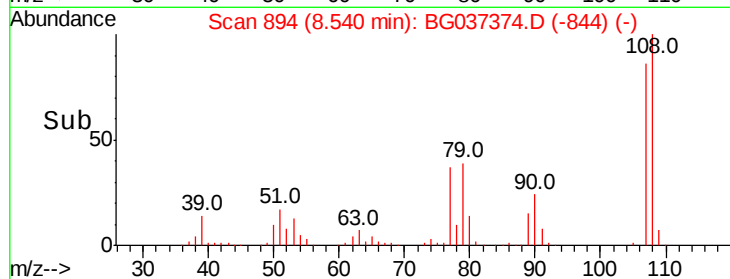
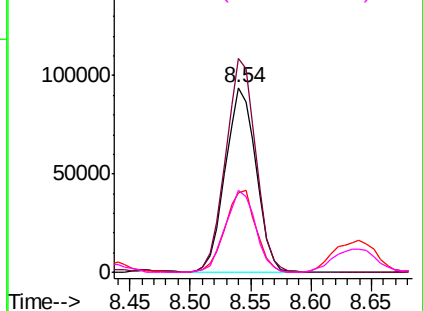
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.074 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

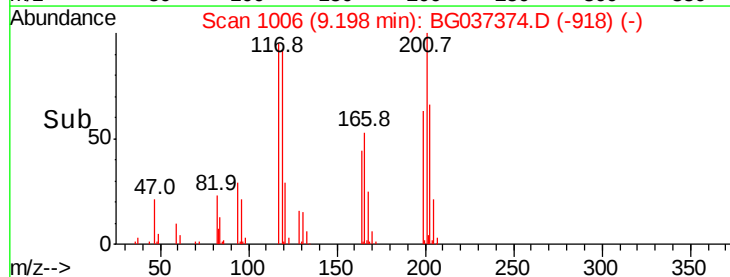
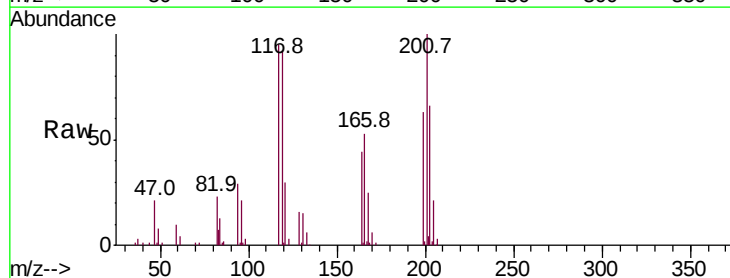
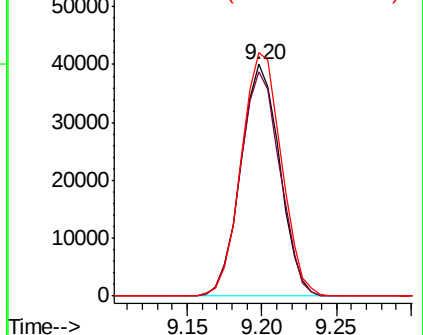
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	74.6	111.8
201	109.0	80.8	121.2

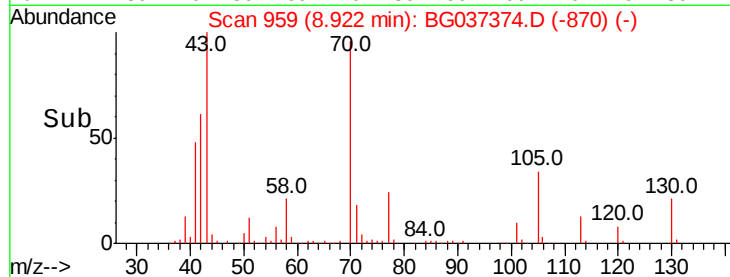
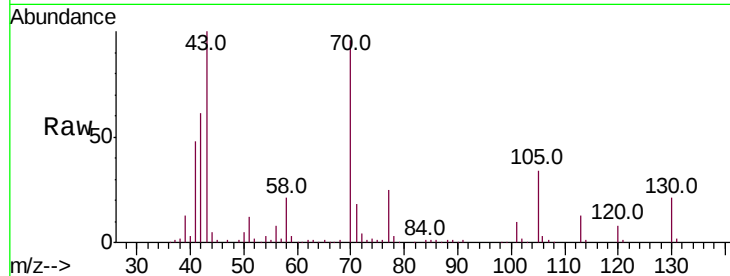
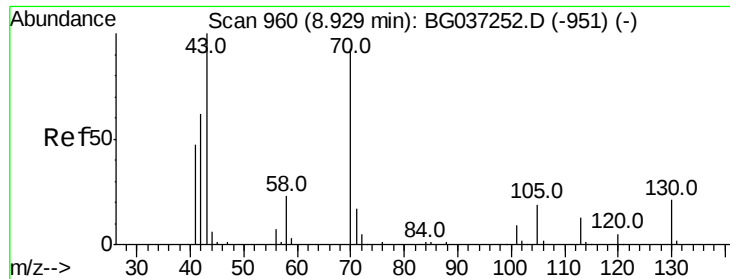
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





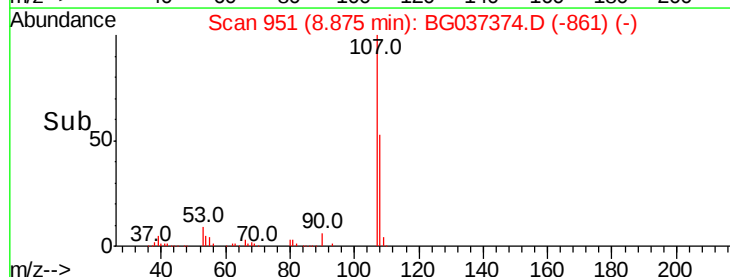
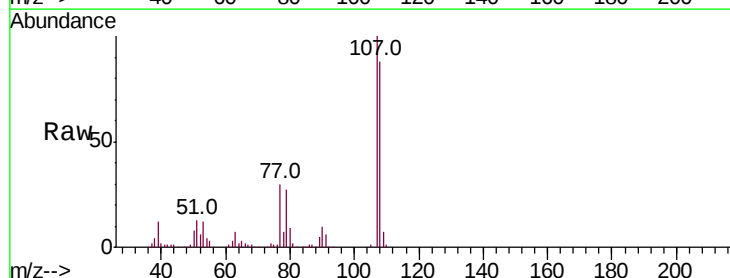
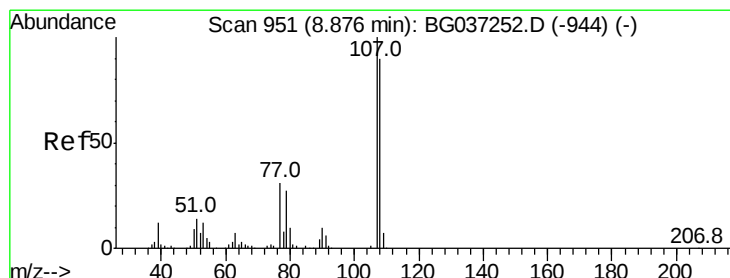
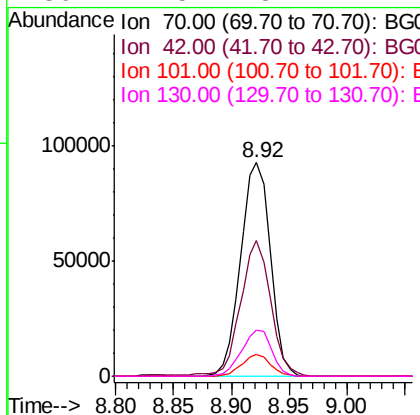
#19
n-Nitroso-di-n-propylamine
Concen: 38.222 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	53.9	80.9	
101	10.3	8.2	12.2	
130	21.5	18.2	27.4	

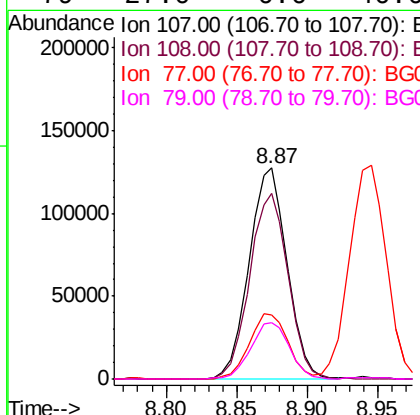
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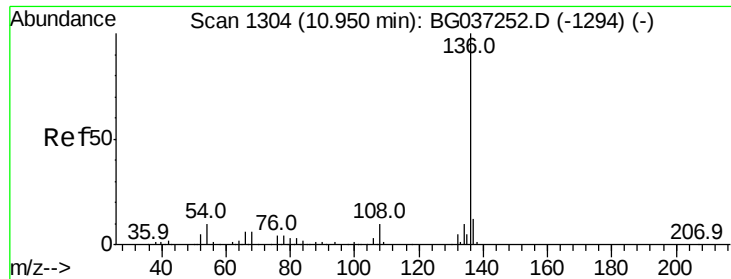
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#20
3+4-Methylphenols
Concen: 42.386 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	69.9	109.9	
77	30.3	11.2	51.2	
79	27.0	6.6	46.6	





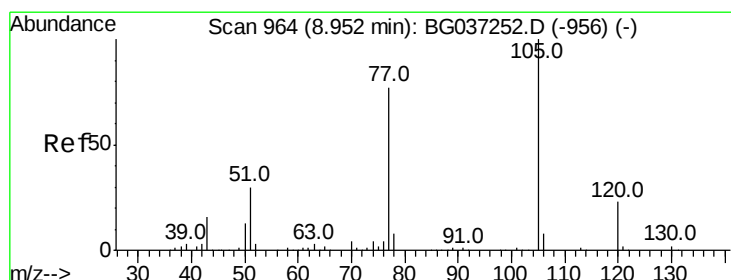
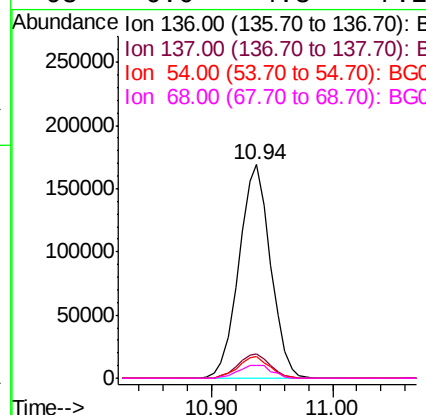
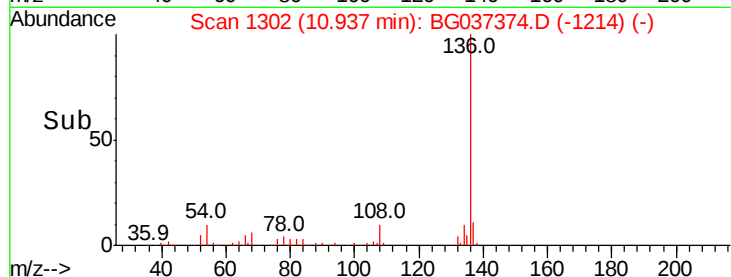
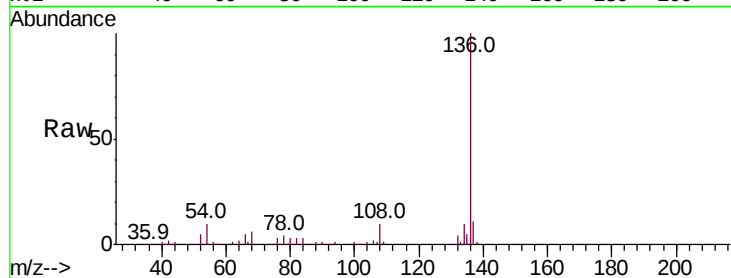
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.6	14.4	
54	10.2	7.9	11.9	
68	6.0	4.8	7.2	

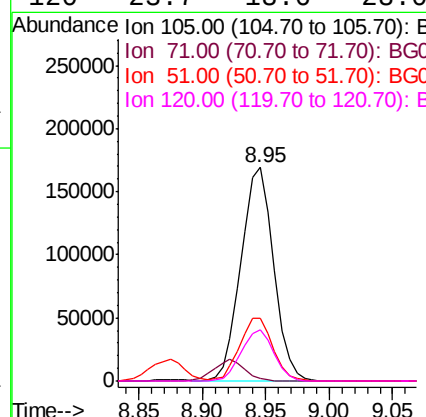
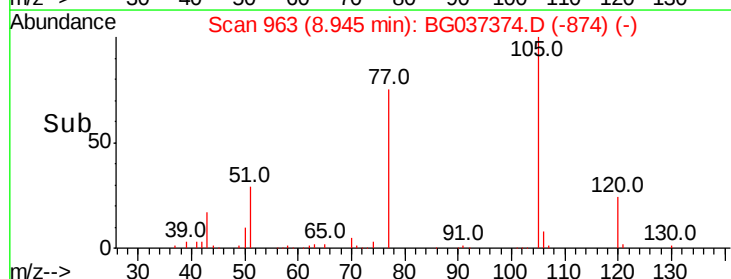
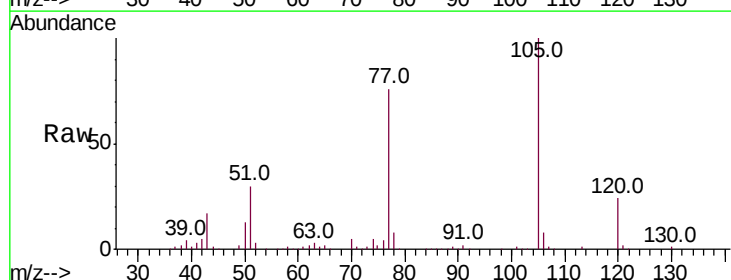
Manual Integrations
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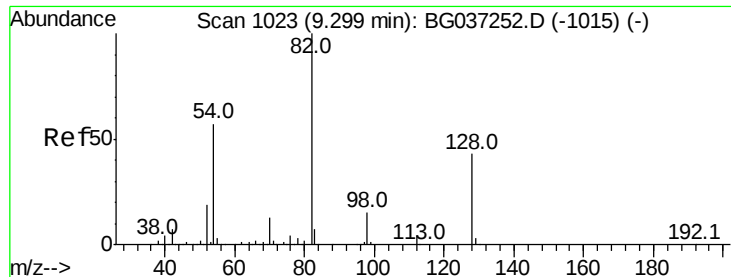
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#22
Acetophenone
Concen: 39.058 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	1.2	1.8#	
51	29.6	25.0	37.6	
120	23.7	18.6	28.0	





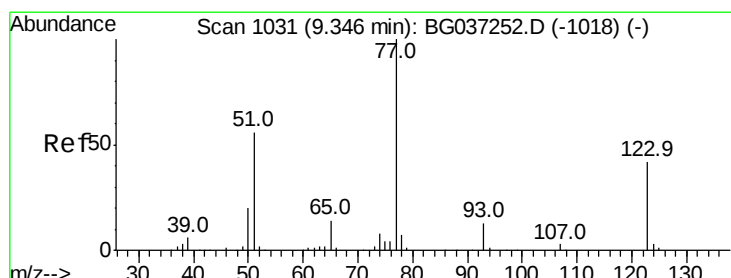
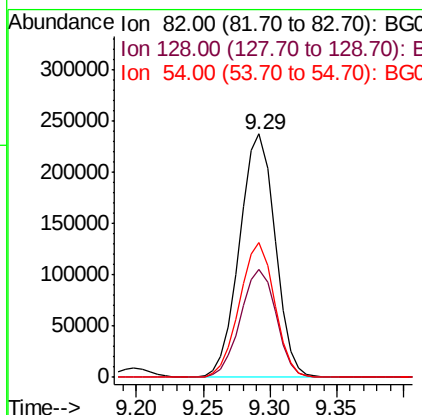
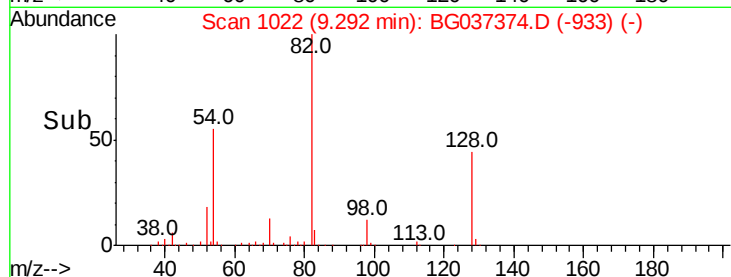
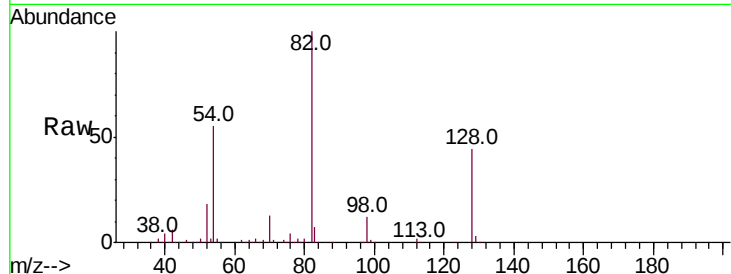
#23
Nitrobenzene-d5
Concen: 93.657 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	55.1	45.3	67.9

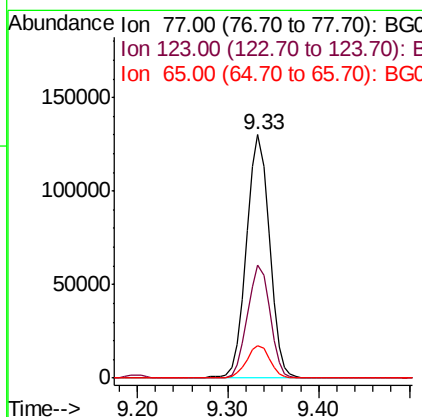
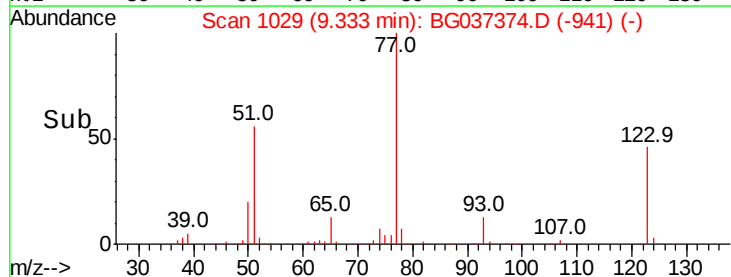
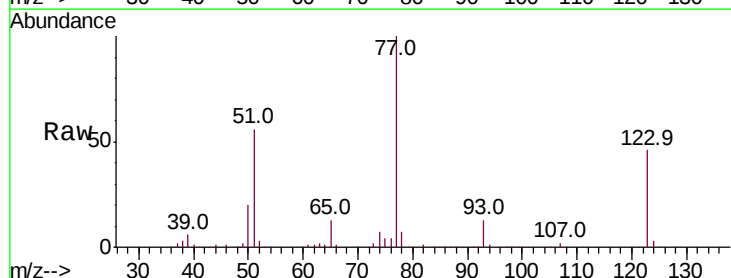
Manual Integrations
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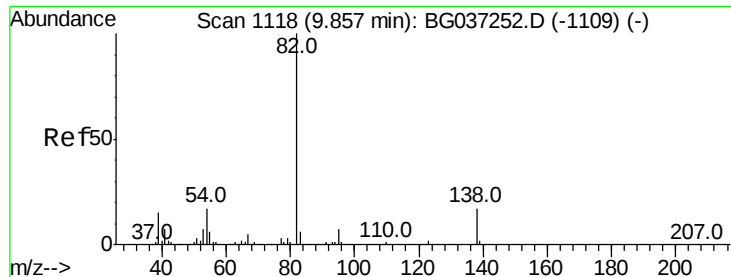
Sohil
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#24
Nitrobenzene
Concen: 45.869 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	33.6	50.4
65	13.2	11.3	16.9





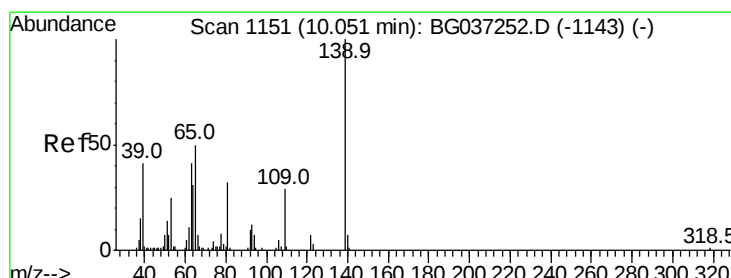
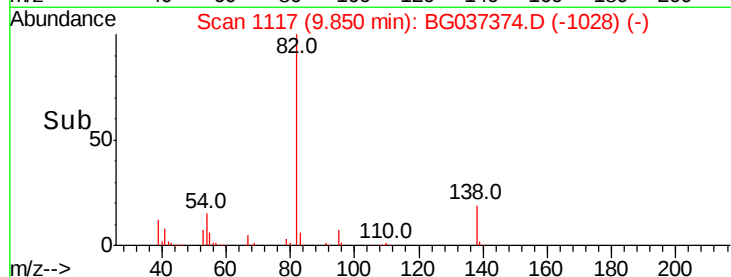
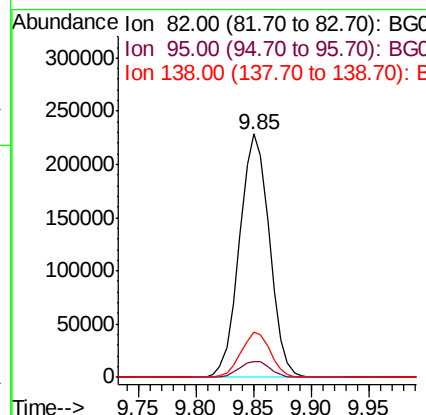
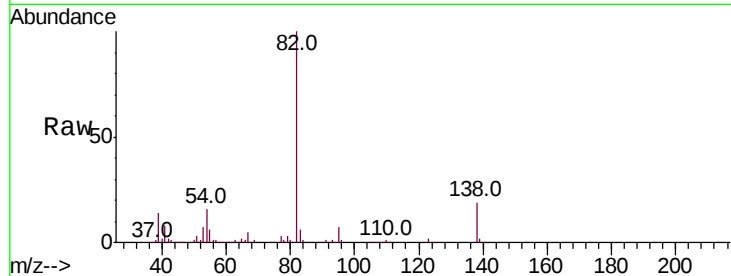
#25
Isophorone
Concen: 38.506 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.8	13.3	19.9

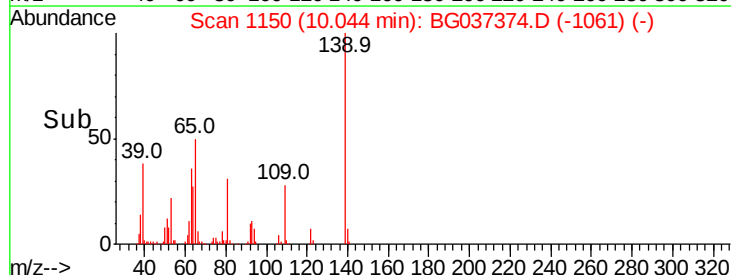
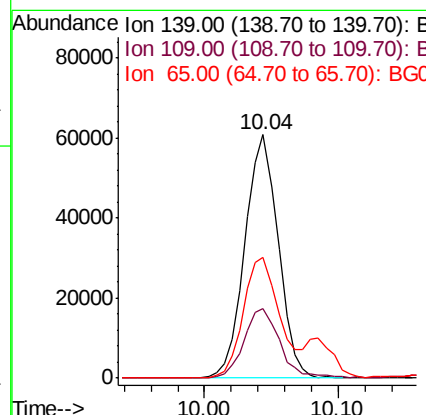
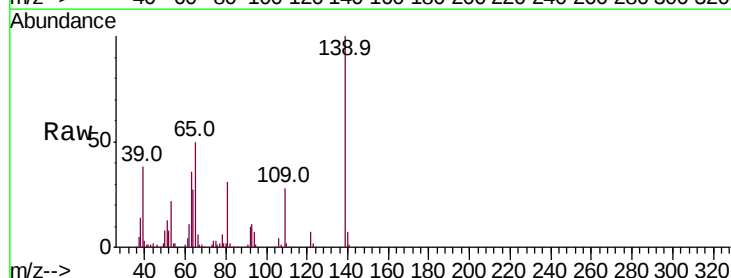
Manual Integrations
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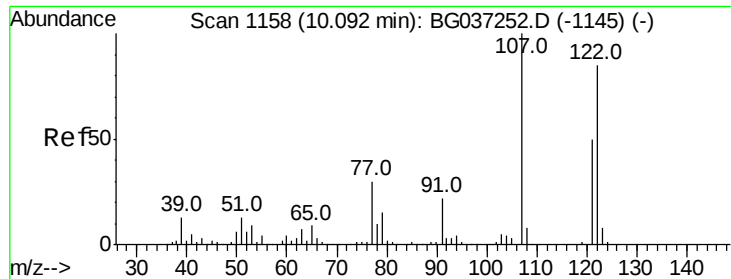
Sohil
10/17/2018 2:59:42 PM



#26
2-Nitrophenol
Concen: 54.203 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.3	34.9
65	49.5	39.8	59.8





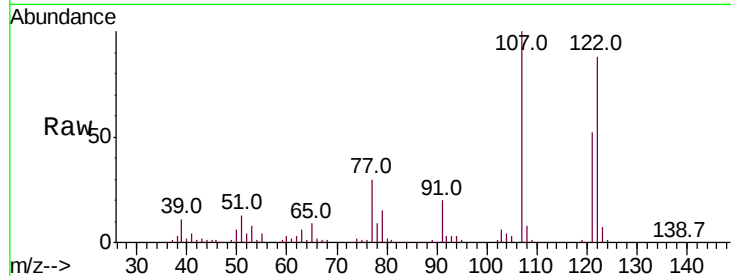
#27
 2,4-Dimethylphenol
 Concen: 40.859 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		182195		
107	114.0	94.2	141.2		
121	59.2	47.3	70.9		

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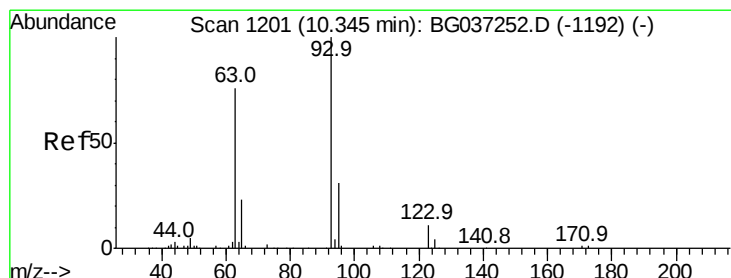
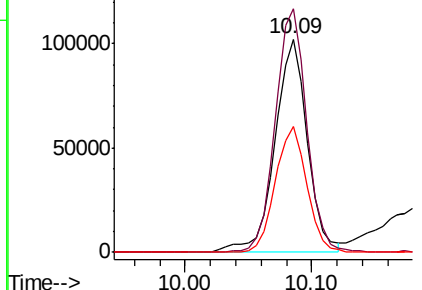
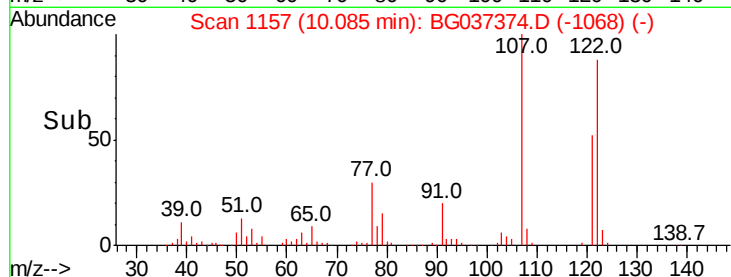


Abundance

Ion 122.00 (121.70 to 122.70): E

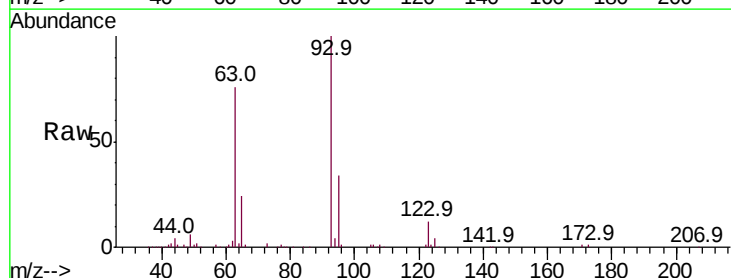
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.724 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		265135		
95	34.5	24.6	37.0		
123	12.3	9.1	13.7		

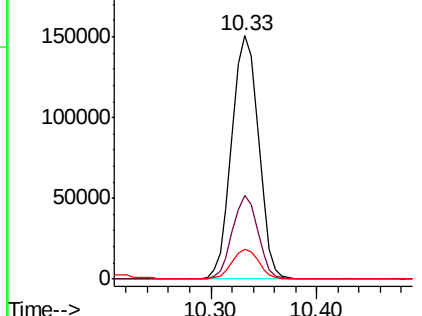
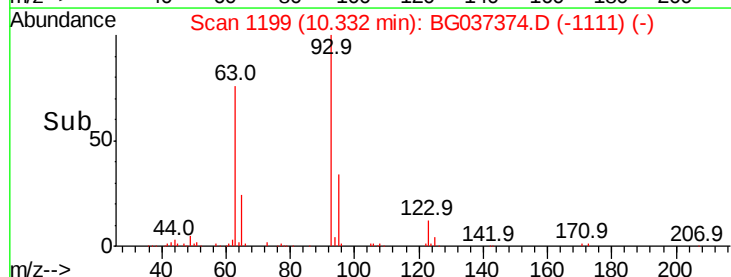


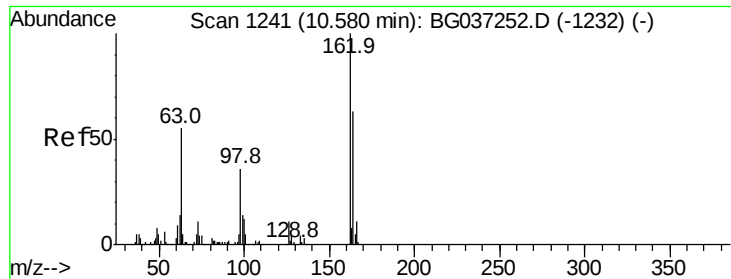
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





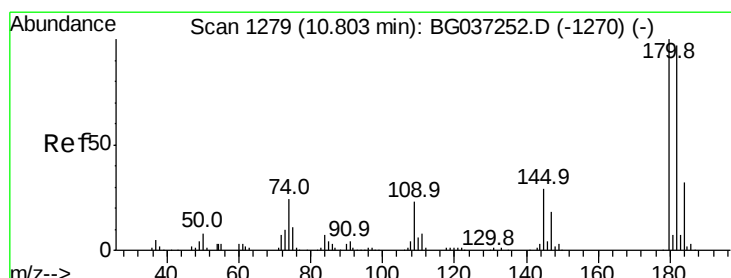
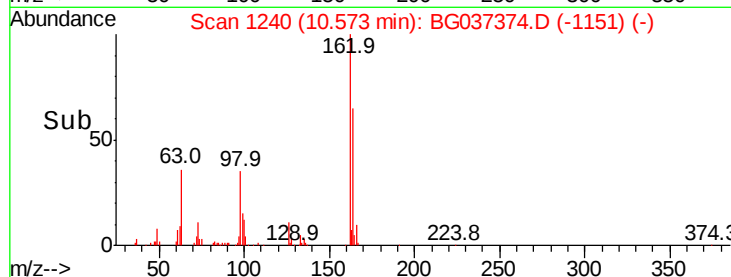
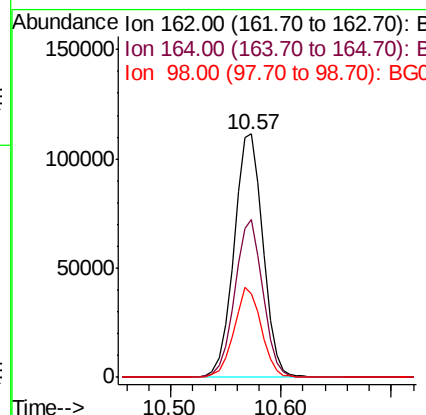
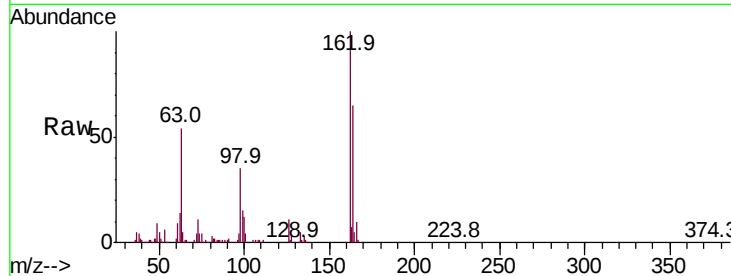
#29
2,4-Dichlorophenol
Concen: 45.289 ng
RT: 10.57 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	204997		
164	64.8	43.2	83.2	
98	34.5	16.0	56.0	

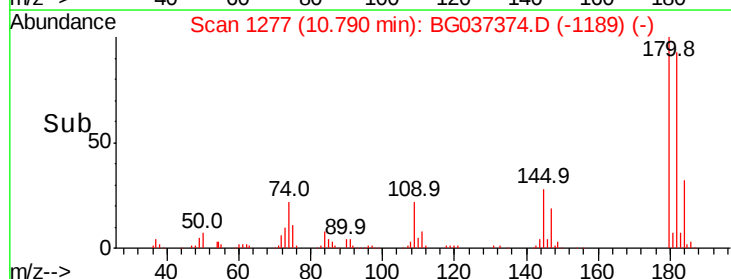
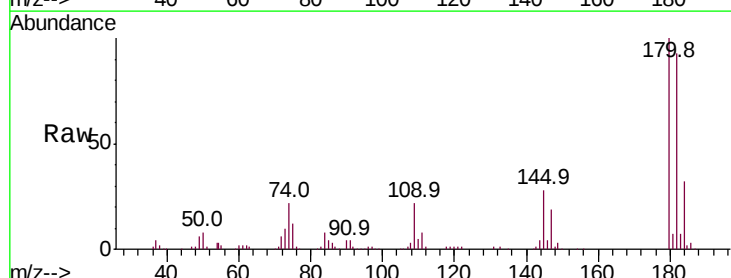
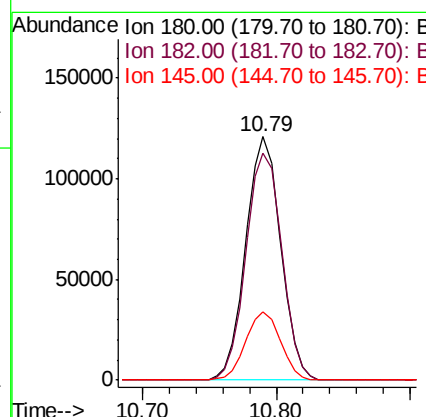
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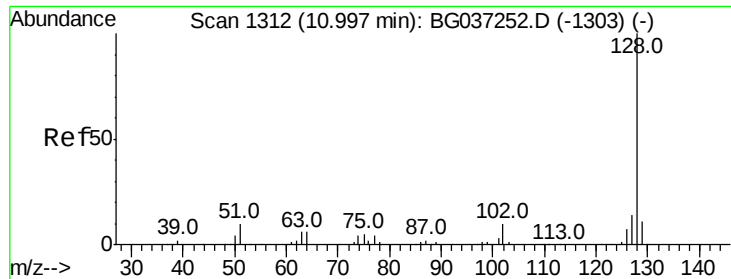
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.636 ng
RT: 10.79 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	218317		
182	93.1	77.7	116.5	
145	28.3	23.3	34.9	





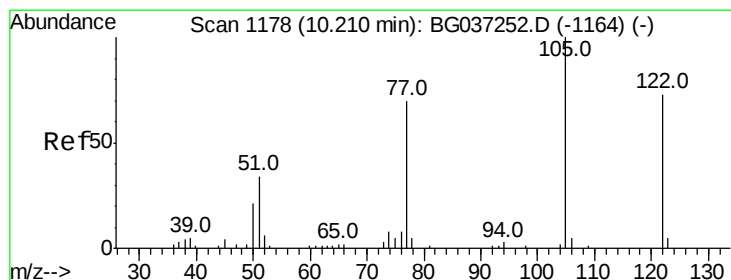
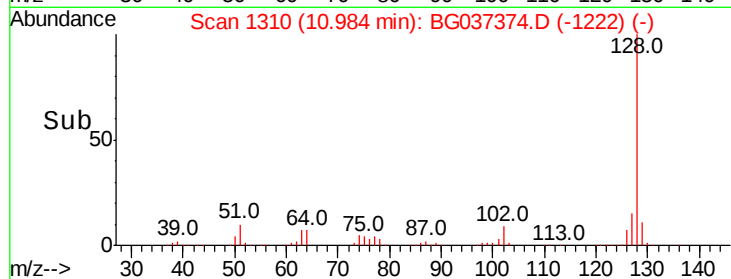
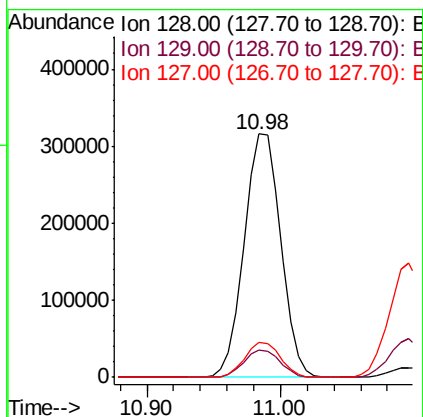
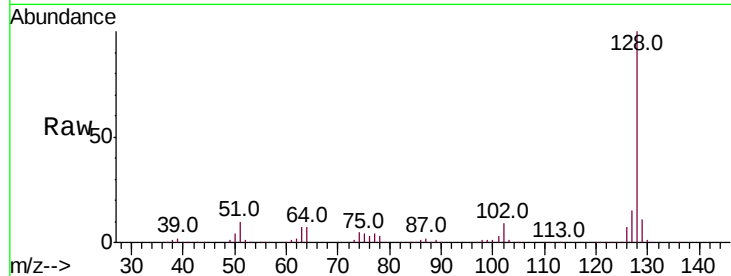
#31
Naphthalene
Concen: 39.932 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.5	11.1	16.7

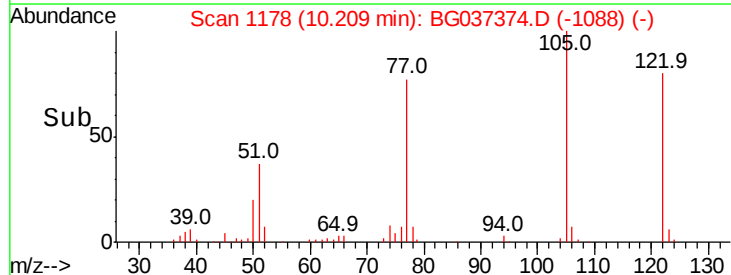
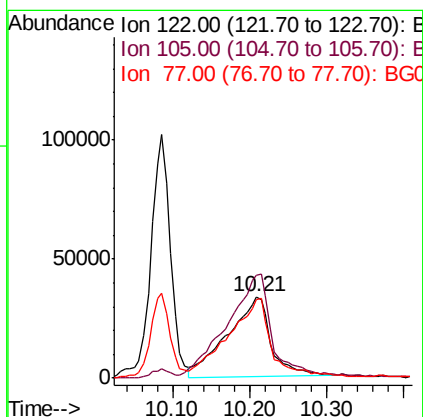
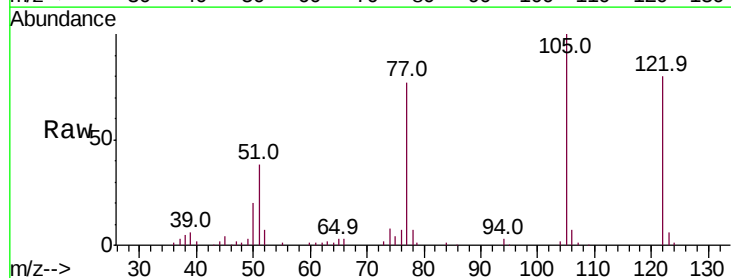
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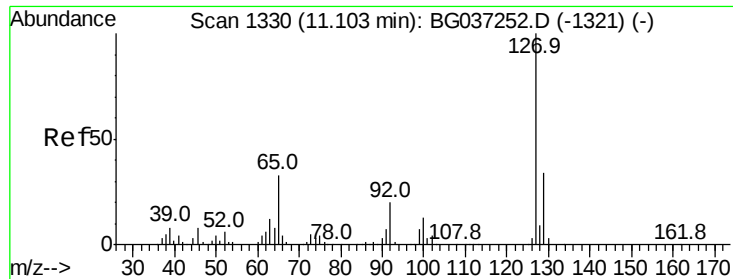
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#32
Benzoic acid
Concen: 52.899 ng
RT: 10.21 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	106.7	146.7
77	96.9	72.2	112.2





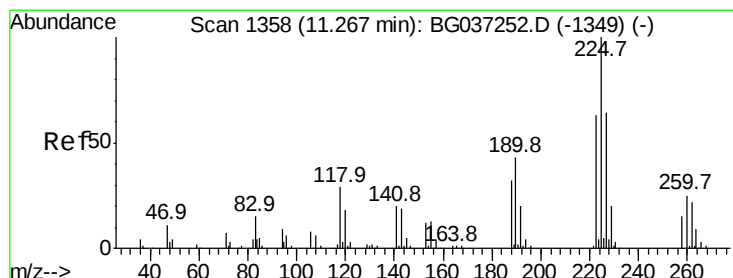
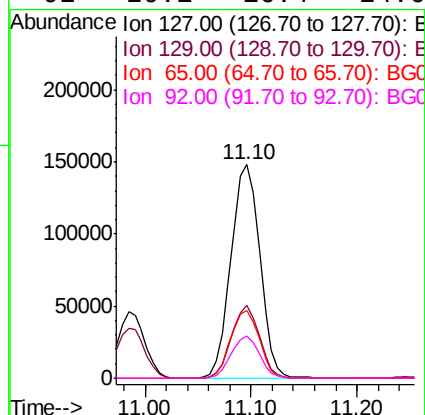
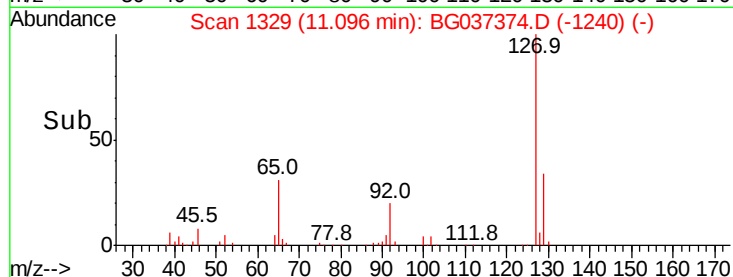
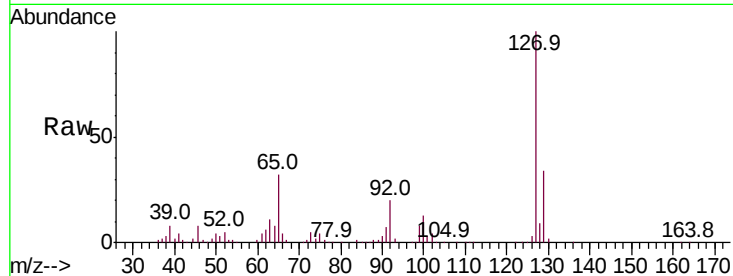
#33
4-Chloroaniline
Concen: 40.123 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	34.1	27.1	40.7
65	31.5	26.6	39.8
92	20.1	16.4	24.6

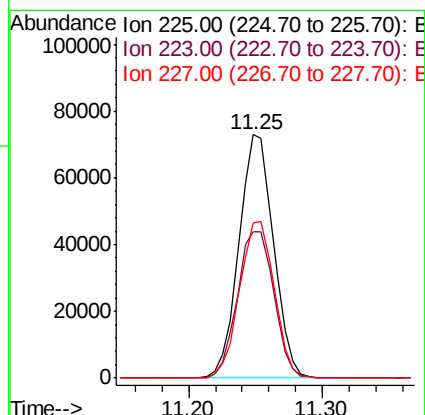
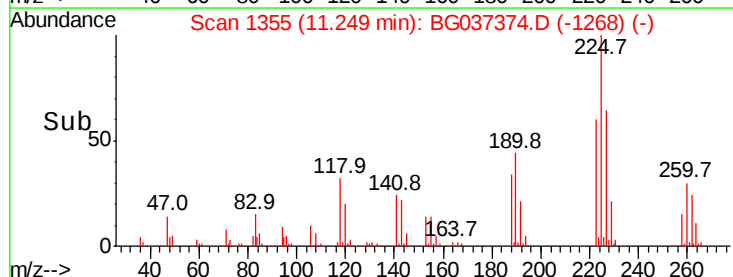
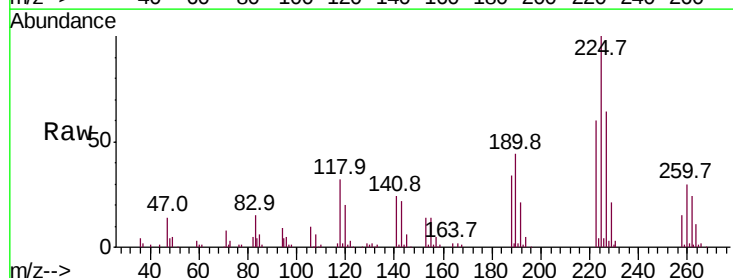
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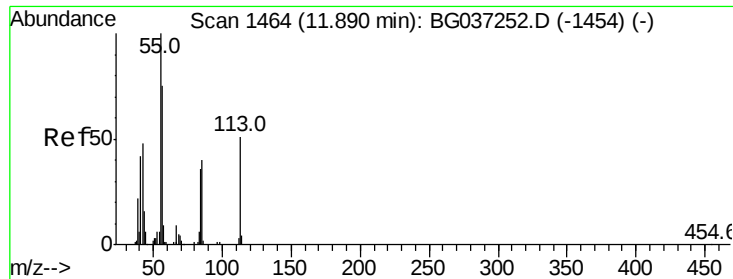
Sohil
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#34
Hexachlorobutadiene
Concen: 38.036 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	57.9	48.2	72.4
227	64.2	51.6	77.4





#35

Caprolactam

Concen: 47.548 ng

RT: 11.89 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

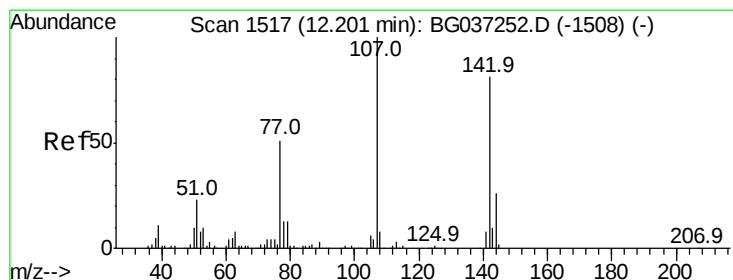
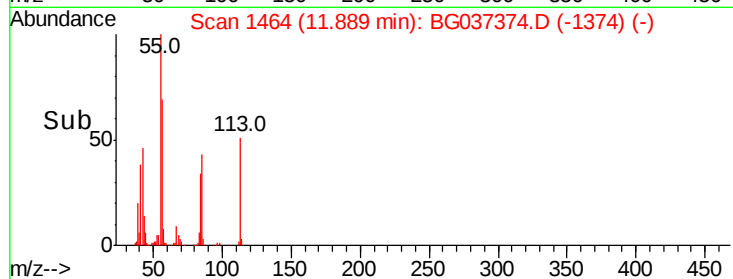
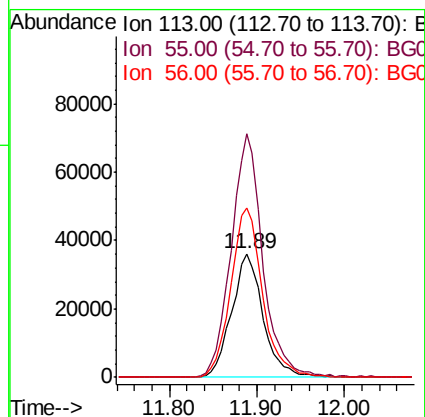
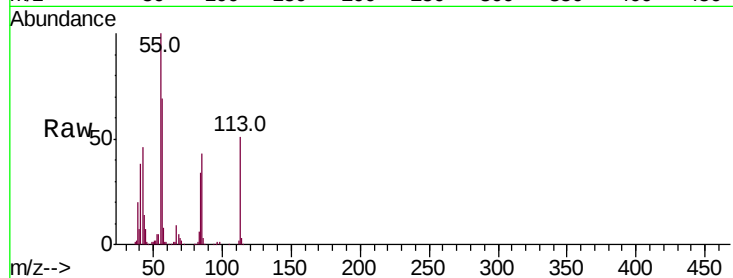
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	87739
Ion	Ratio	Lower	Upper
113	100		
55	196.5	176.6	216.6
56	136.3	128.3	168.3

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#36

4-Chloro-3-methylphenol

Concen: 43.531 ng

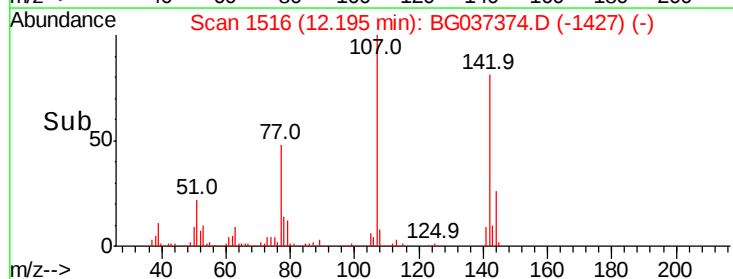
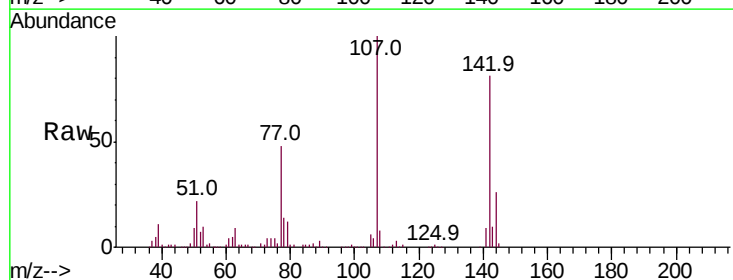
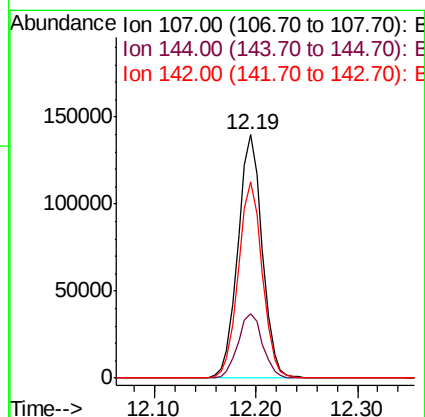
RT: 12.19 min Scan# 1516

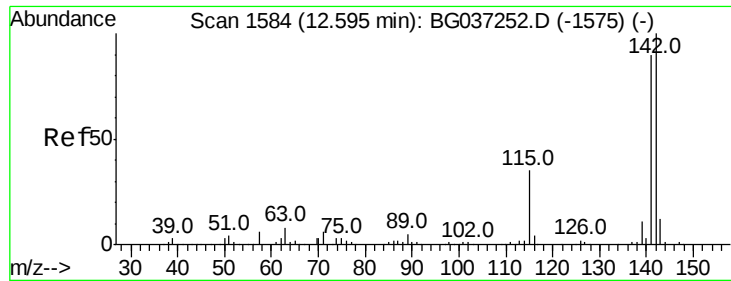
Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:	107	Resp:	232705
Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.7	31.1
142	80.8	64.4	96.6





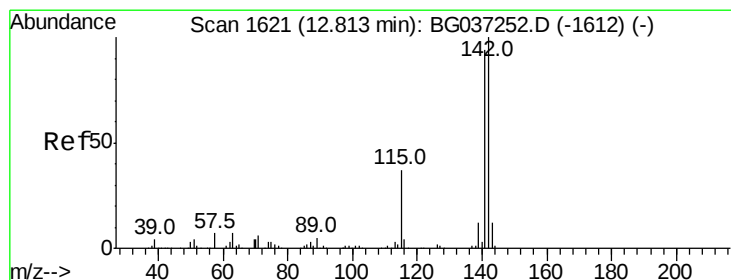
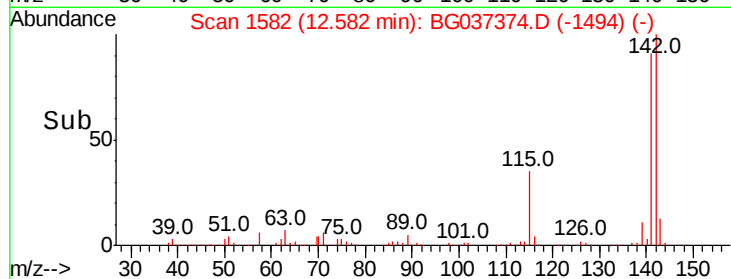
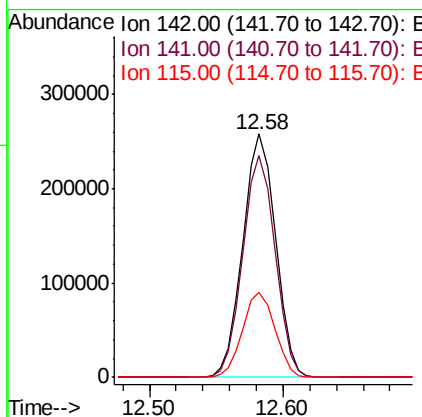
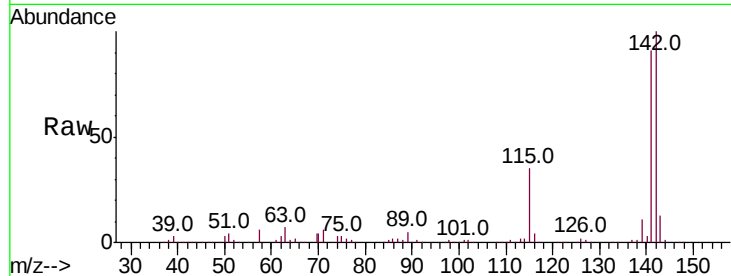
#37
 2-Methylnaphthalene
 Concen: 40.213 ng
 RT: 12.58 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	35.1	27.8	41.8

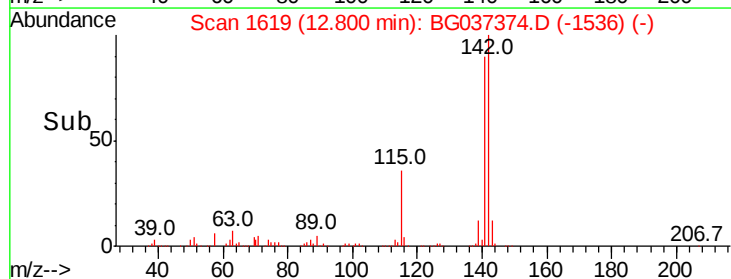
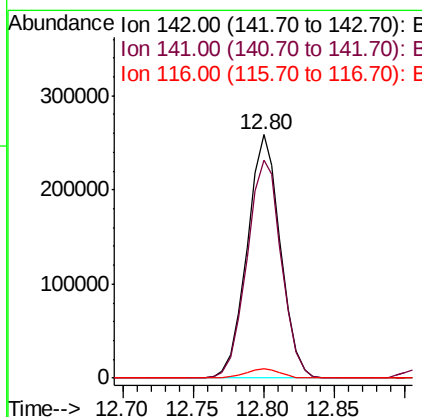
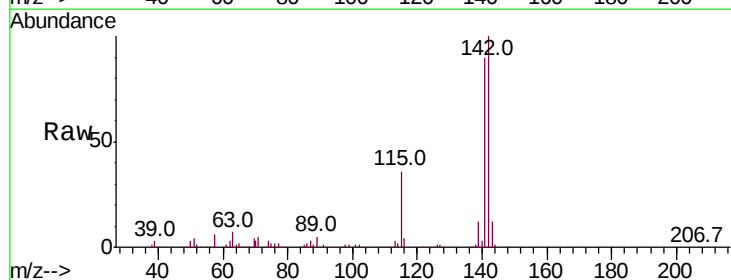
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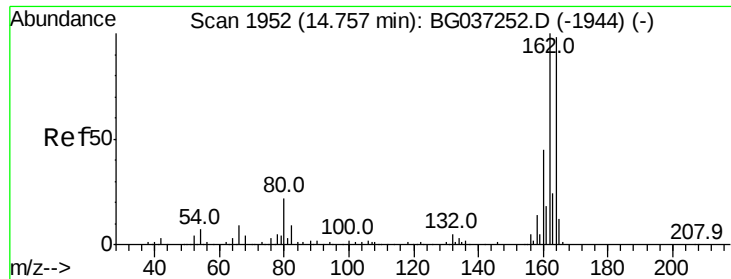
Sohil
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#38
 1-Methylnaphthalene
 Concen: 39.925 ng
 RT: 12.80 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	75.2	112.8
116	3.8	3.3	4.9





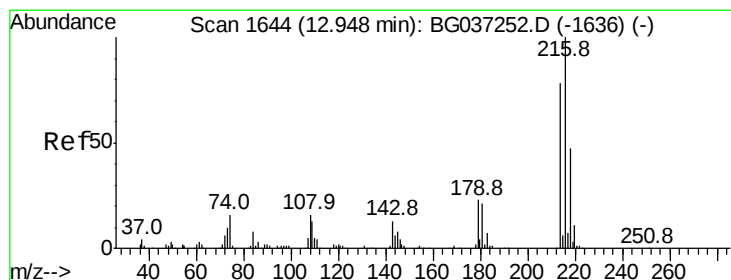
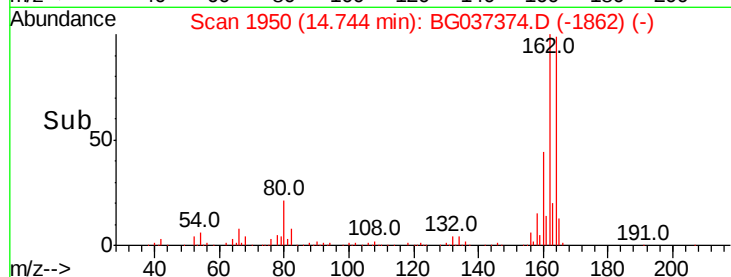
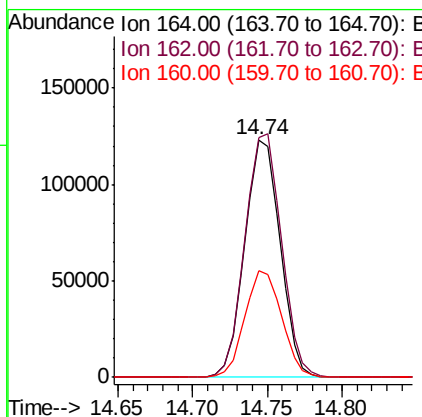
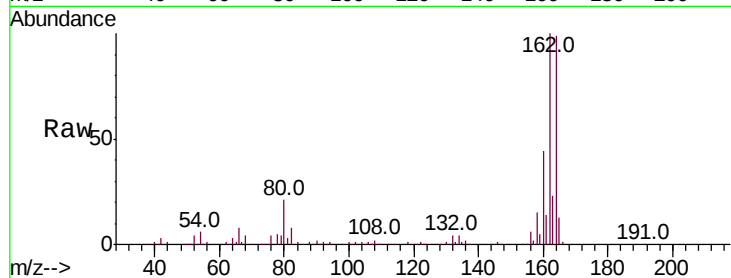
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.3	121.9
160	44.8	36.3	54.5

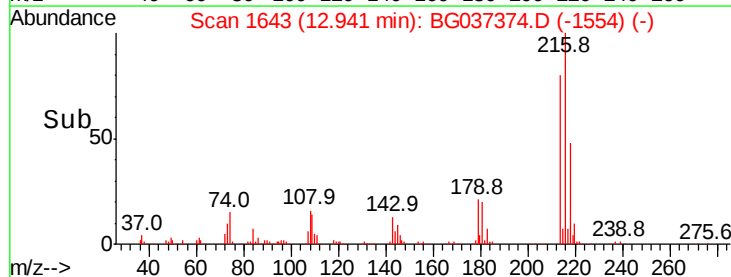
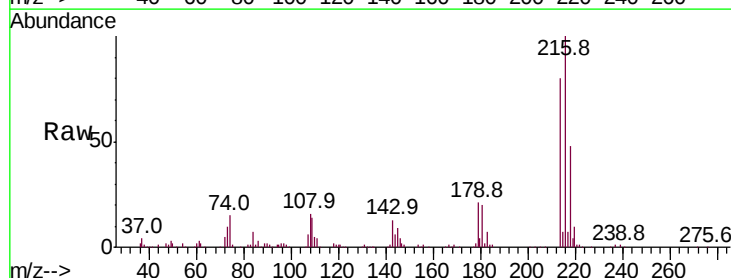
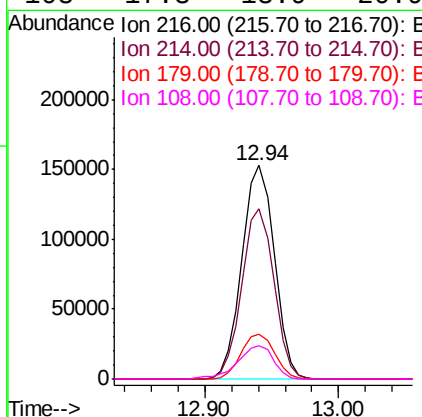
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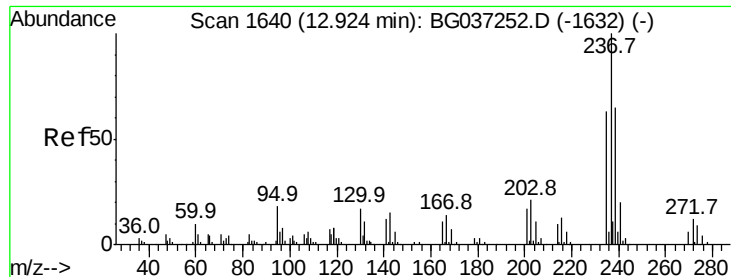
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.368 ng
RT: 12.94 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	21.6	17.4	26.0
108	17.3	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 44.299 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

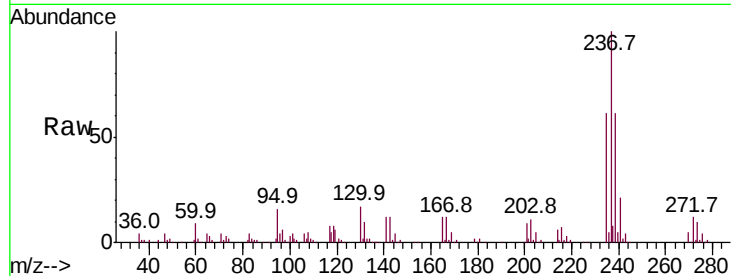
ClientSampleId :

SSTDCCC040EC

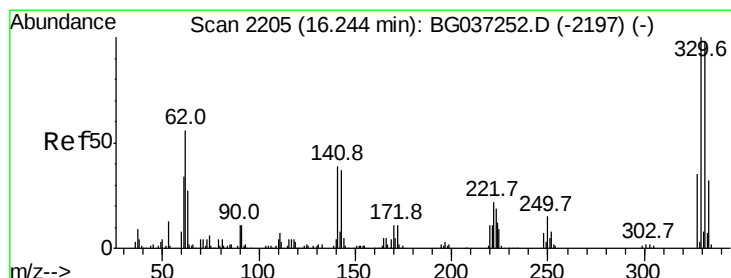
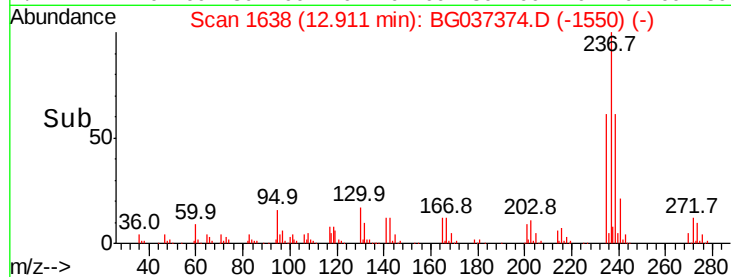
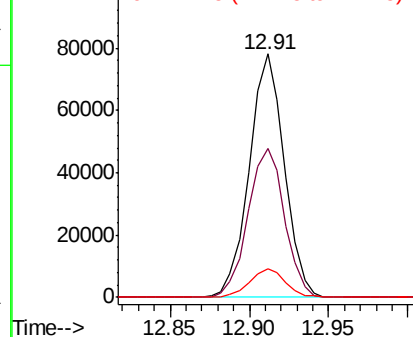
Tot Ion:	237	Resp:	119492
Ion Ratio	Lower	Upper	
237	100		
235	61.2	42.5	82.5
272	11.7	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 93.009 ng

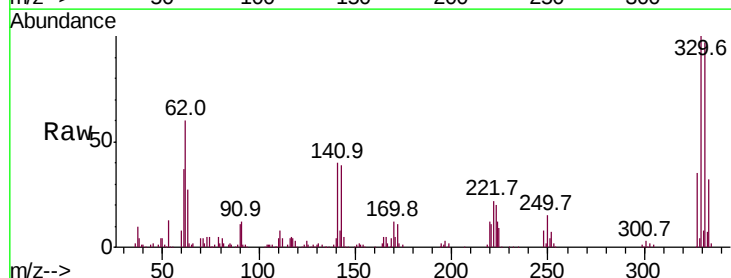
RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

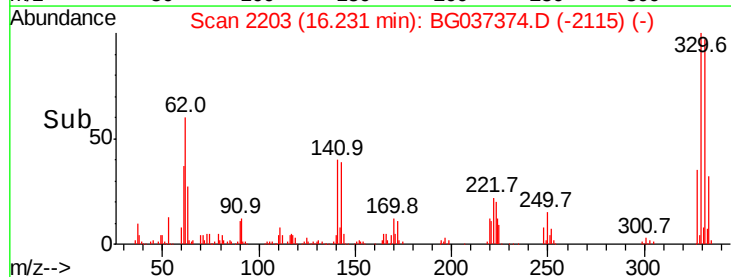
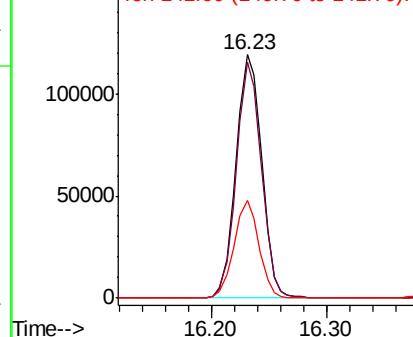
Lab File: BG037374.D

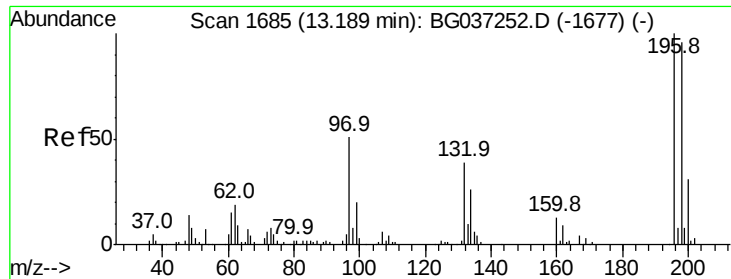
Acq: 17 Oct 2018 00:39

Tgt Ion:	330	Resp:	184297
Ion Ratio	Lower	Upper	
330	100		
332	94.4	78.4	117.6
141	38.8	32.2	48.2



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





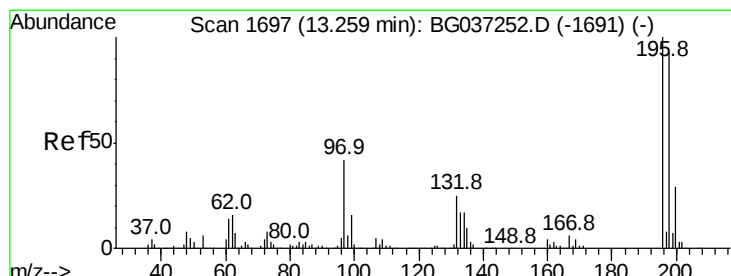
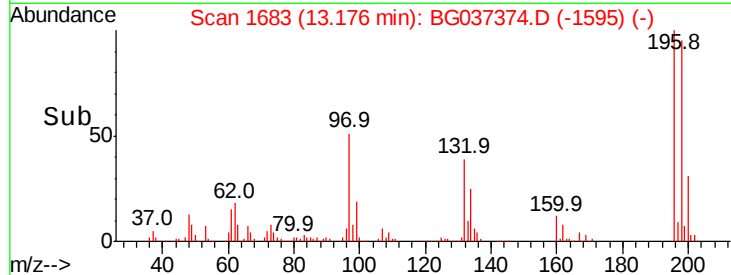
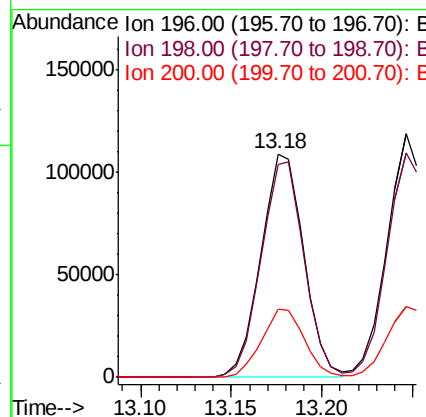
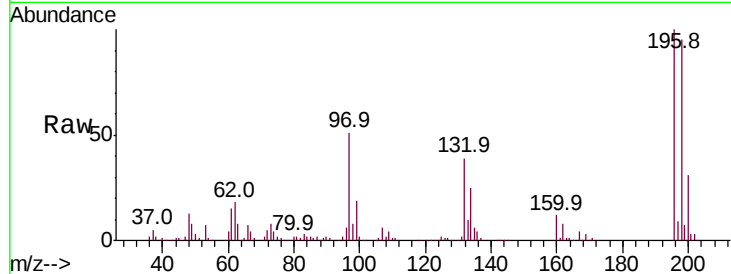
#43
 2,4,6-Trichlorophenol
 Concen: 47.235 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	179291		
198	95.3	76.4	114.6	
200	30.6	24.9	37.3	

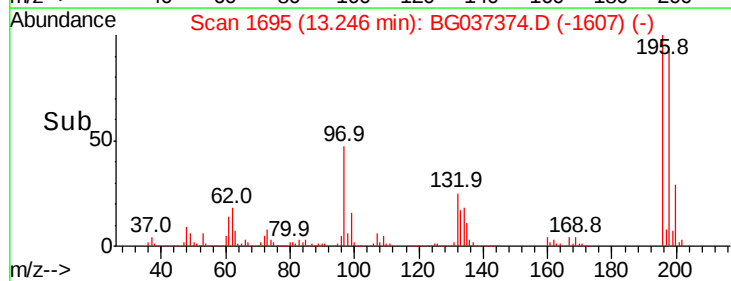
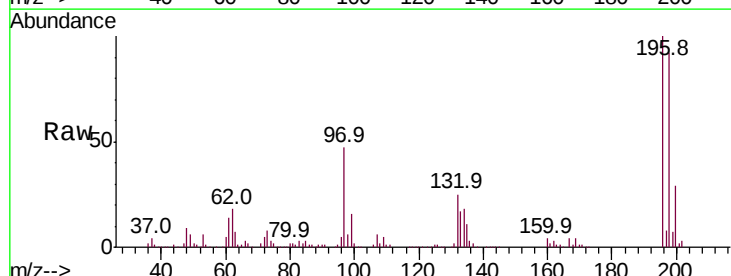
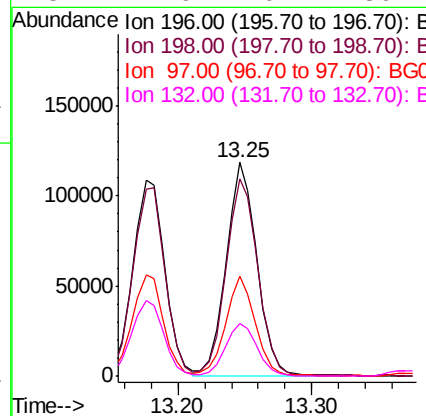
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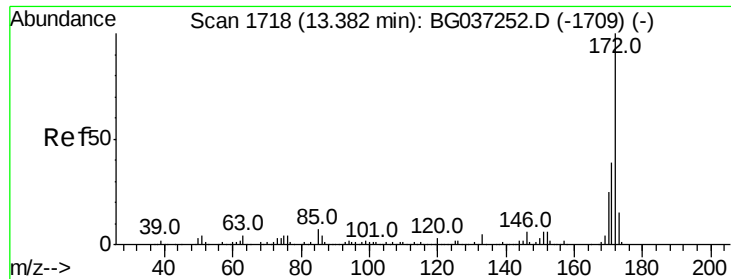
Sohil
 10/17/2018 2:59:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.768 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191001		
198	92.0	74.2	111.2	
97	46.7	34.1	51.1	
132	24.9	20.2	30.4	





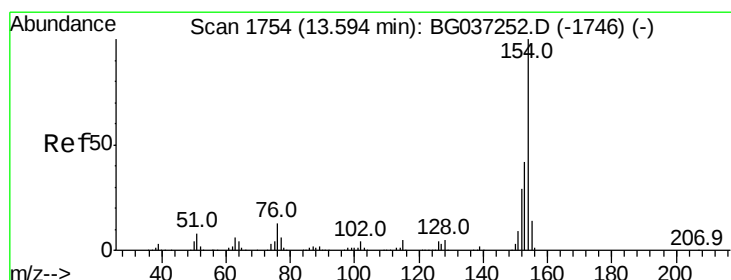
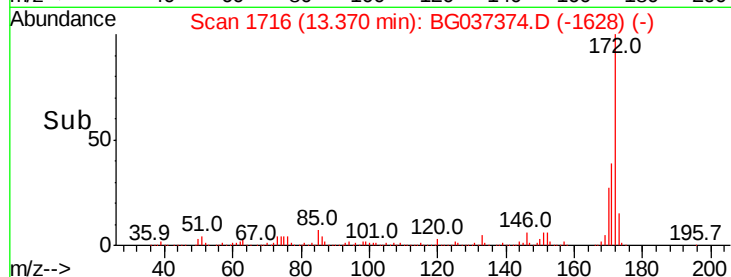
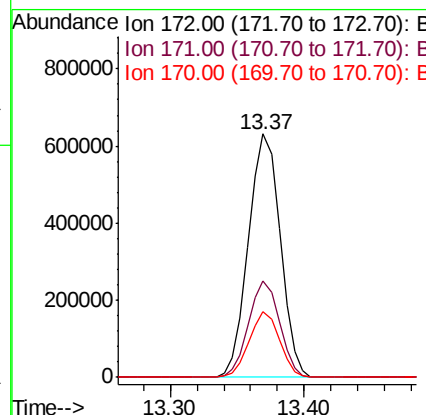
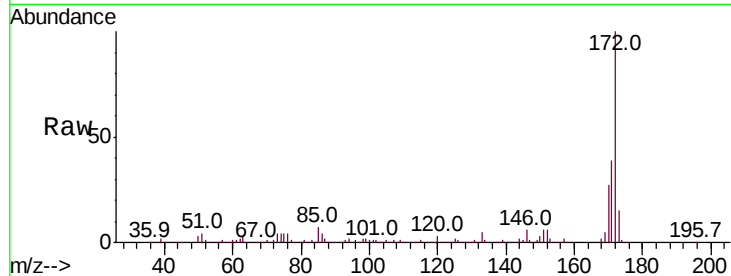
#45
 2-Fluorobiphenyl
 Concen: 77.252 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.0	46.4
170	26.9	20.2	30.2

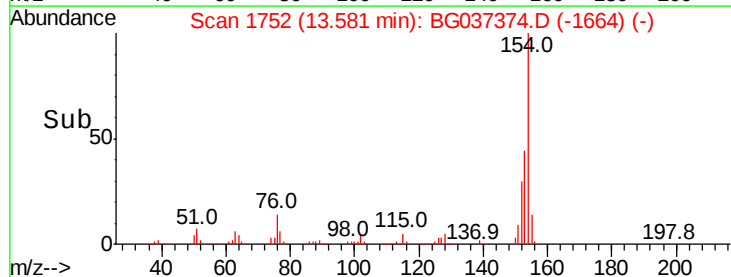
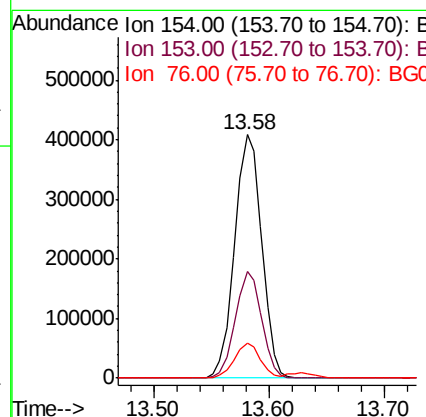
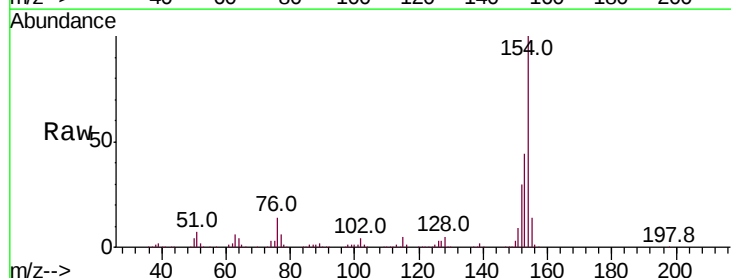
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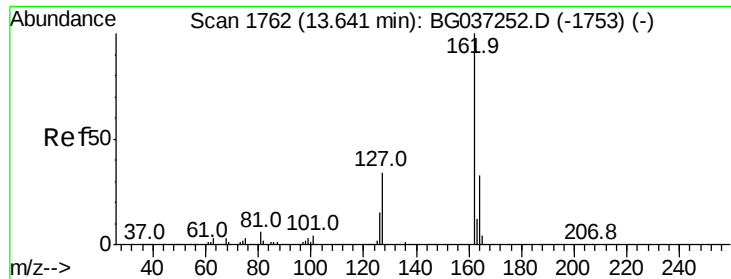
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#46
 1,1'-Biphenyl
 Concen: 39.737 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	22.1	62.1
76	14.2	0.0	33.2





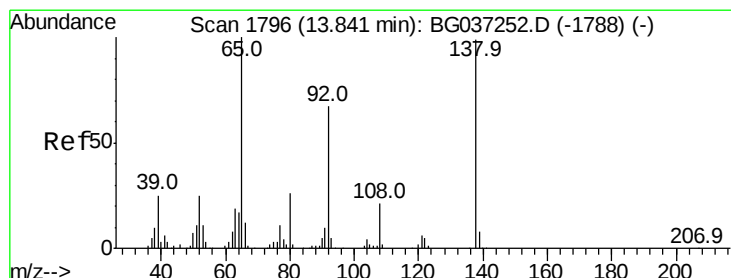
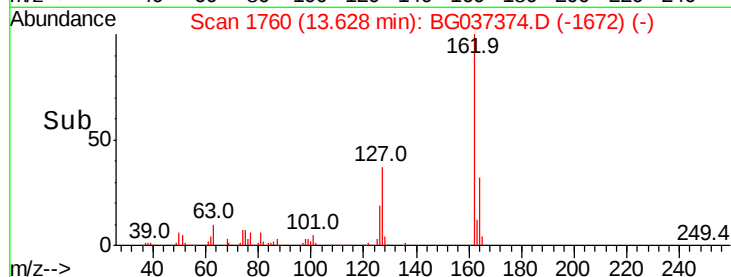
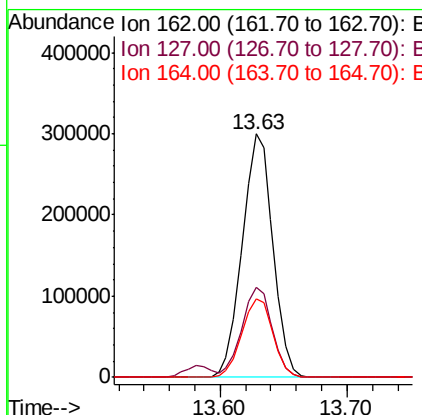
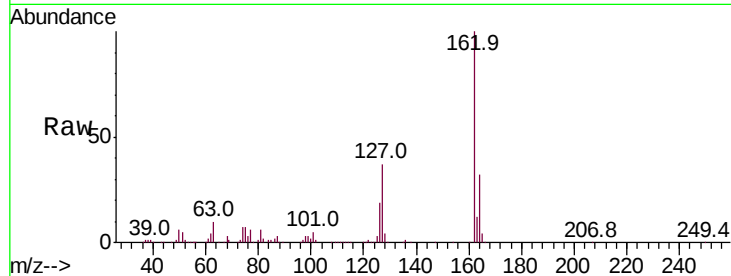
#47
2-Chloronaphthalene
Concen: 39.870 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.5	45.7
164	32.4	26.4	39.6

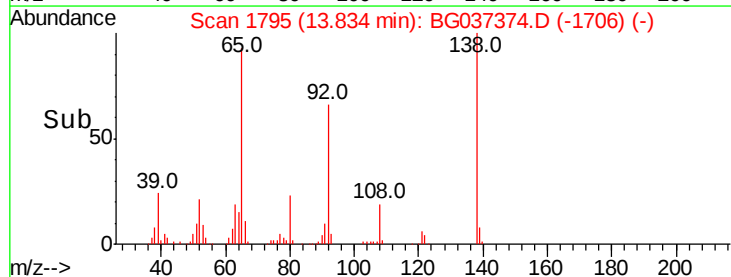
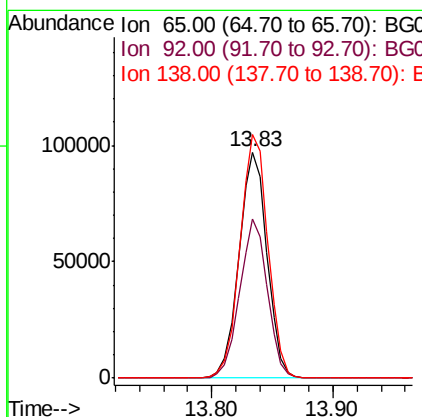
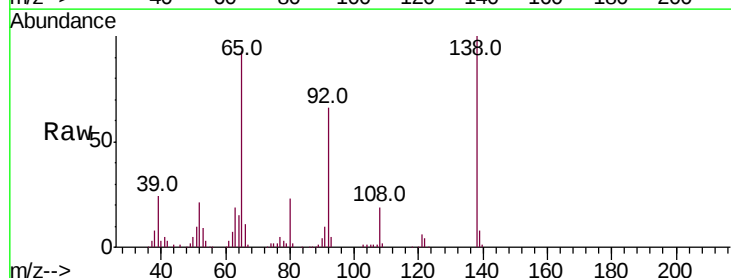
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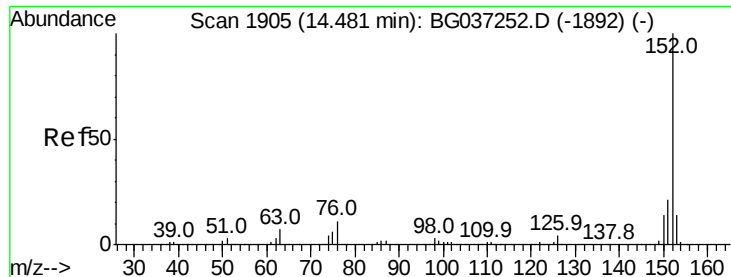
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#48
2-Nitroaniline
Concen: 46.411 ng
RT: 13.83 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.2	79.8
138	107.8	79.3	118.9





#49

Acenaphthylene

Concen: 39.653 ng

RT: 14.47 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

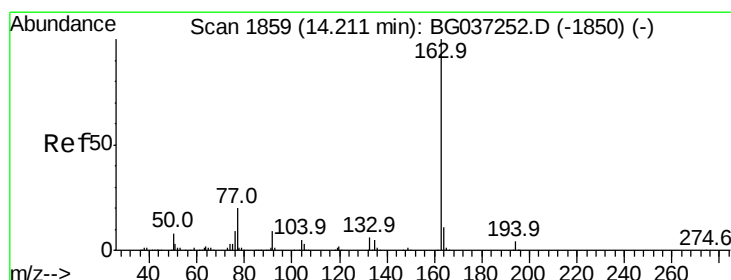
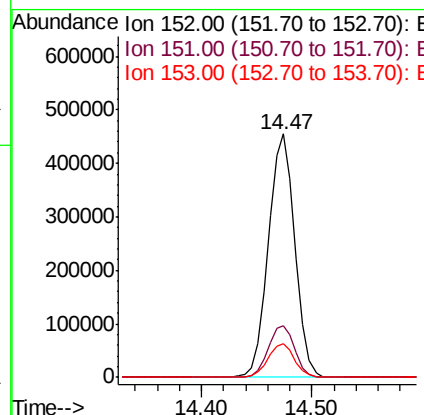
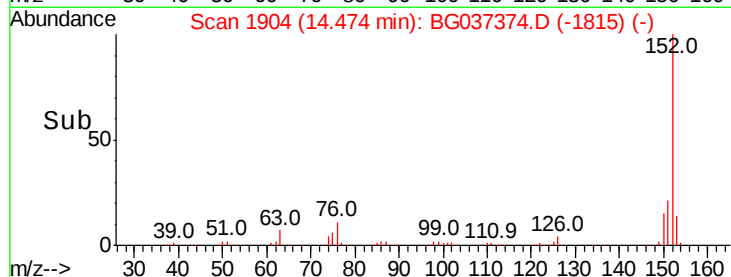
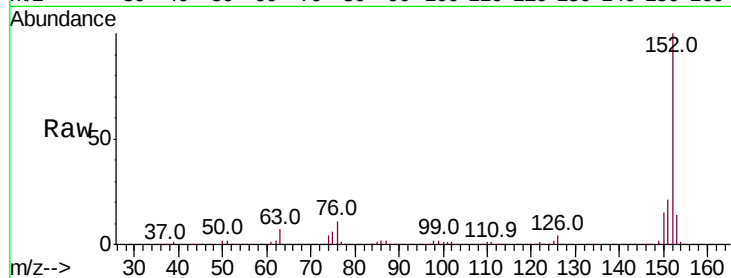
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	761541
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	13.8	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.668 ng

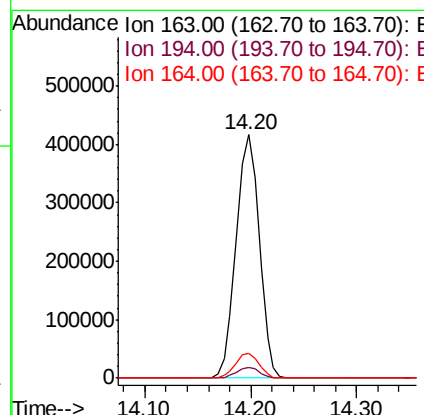
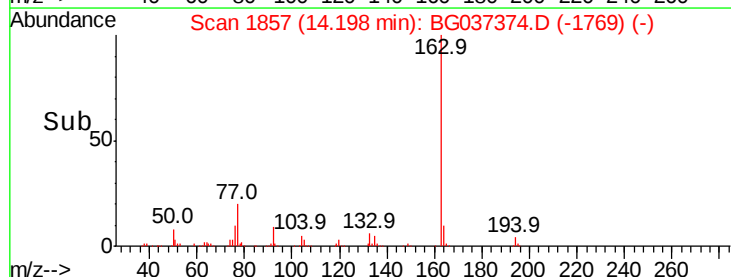
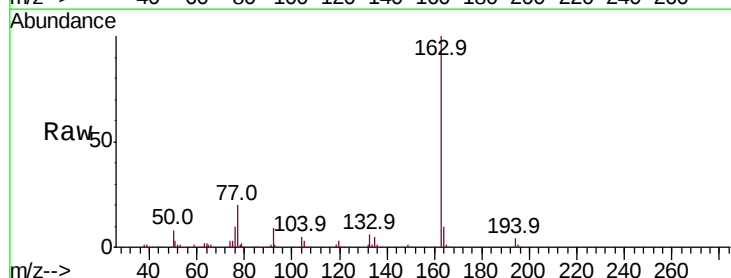
RT: 14.20 min Scan# 1857

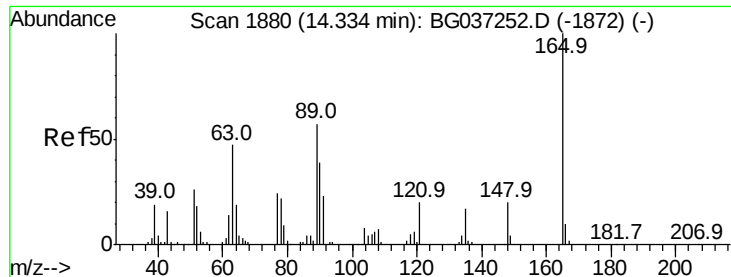
Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:	163	Resp:	629862
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.4	8.5	12.7





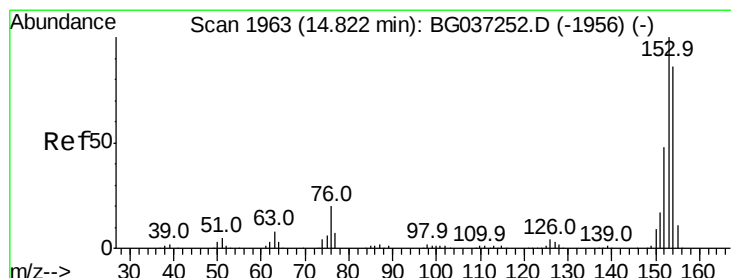
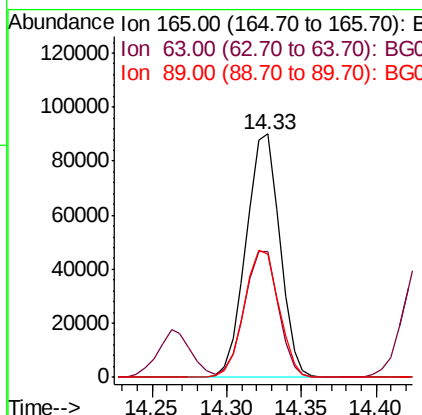
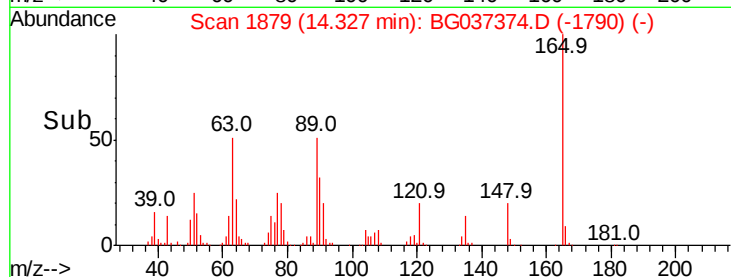
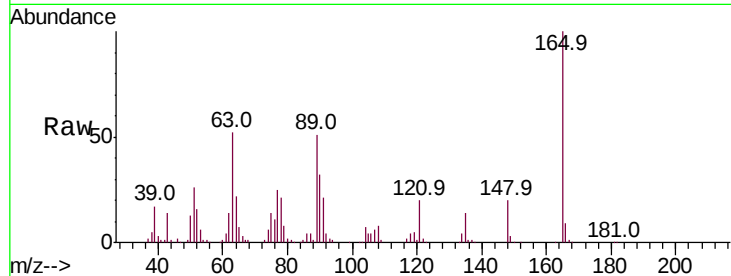
#51
2,6-Dinitrotoluene
Concen: 45.964 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.8	43.4	65.2
89	50.9	45.8	68.6

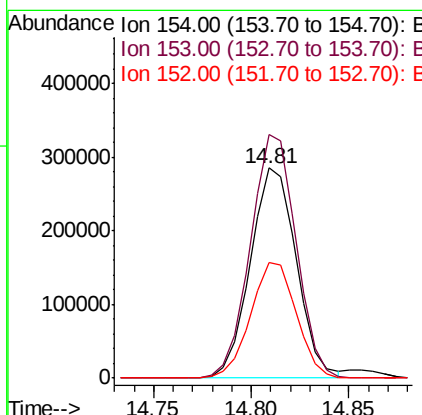
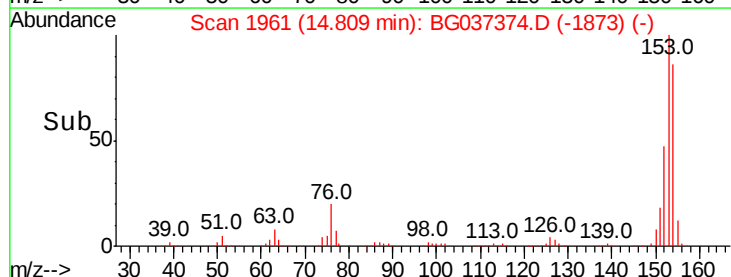
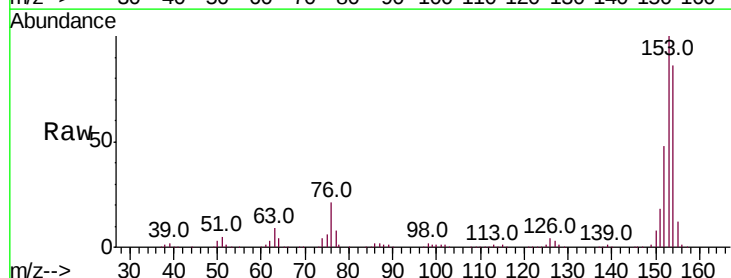
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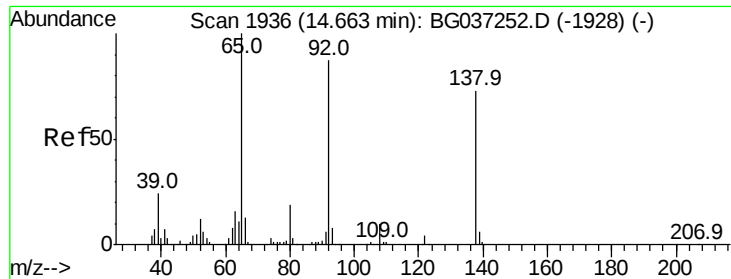
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#52
Acenaphthene
Concen: 39.259 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.8	93.4	140.0
152	55.0	44.7	67.1





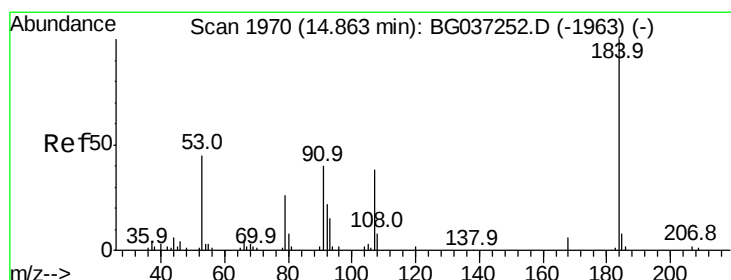
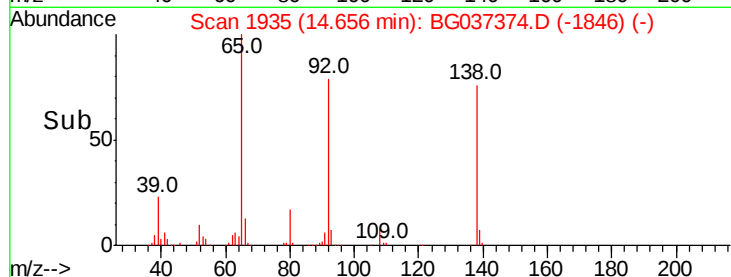
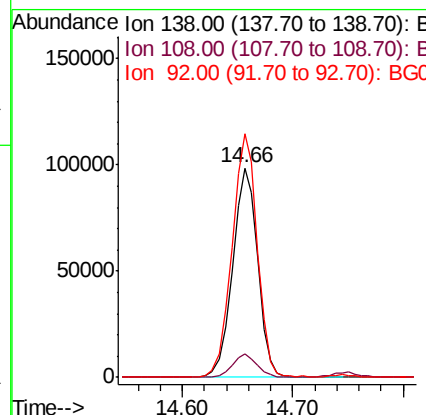
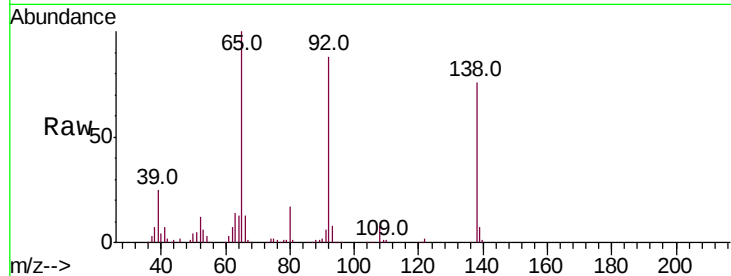
#53
3-Nitroaniline
Concen: 47.042 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	11.0	16.6
92	116.4	95.2	142.8

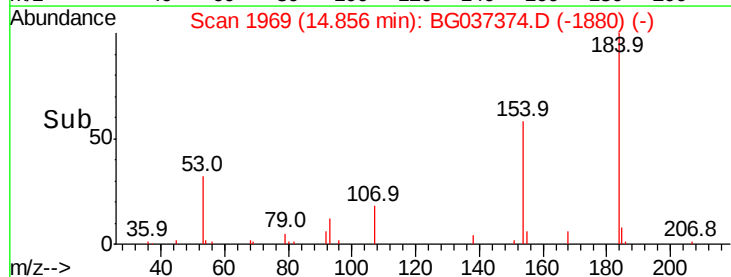
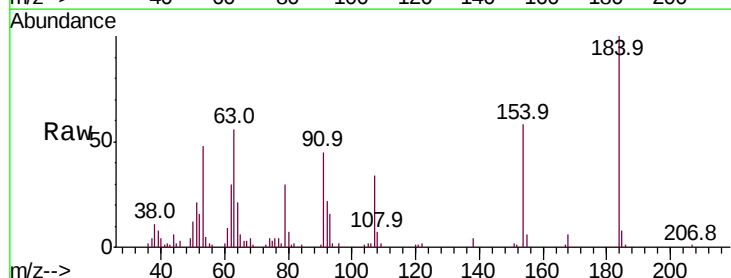
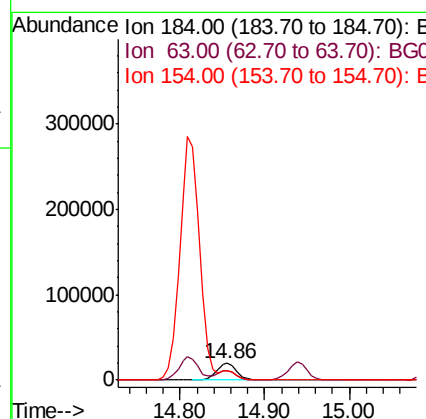
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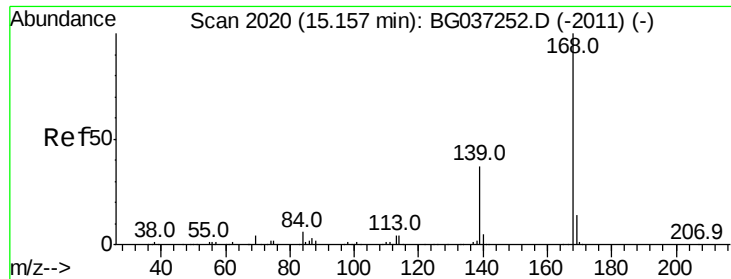
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#54
2,4-Dinitrophenol
Concen: 44.350 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	42.6	63.8
154	57.8	41.8	62.6





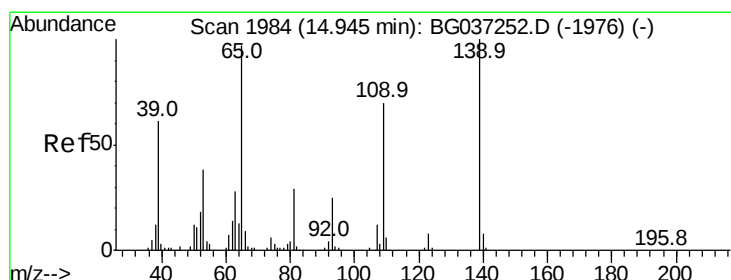
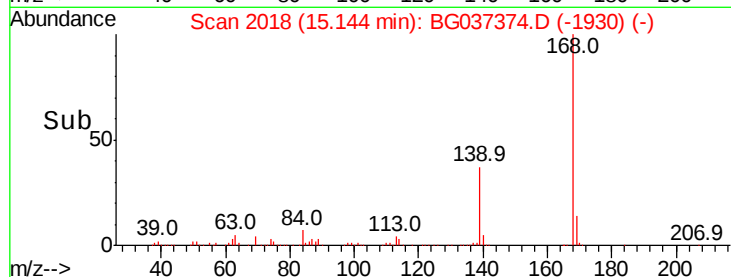
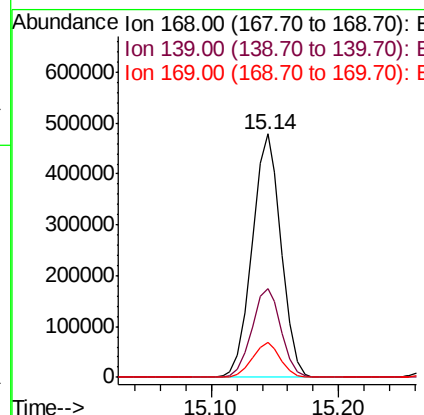
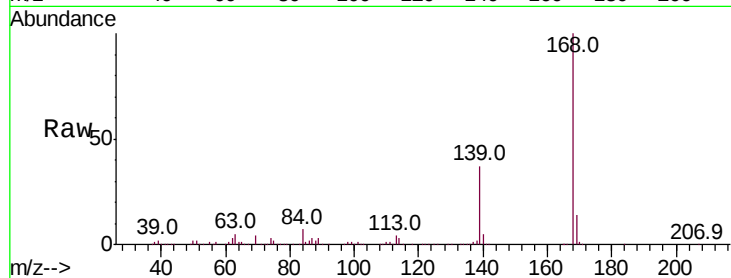
#55
Dibenzofuran
Concen: 39.351 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.4	44.0
169	14.2	11.0	16.6

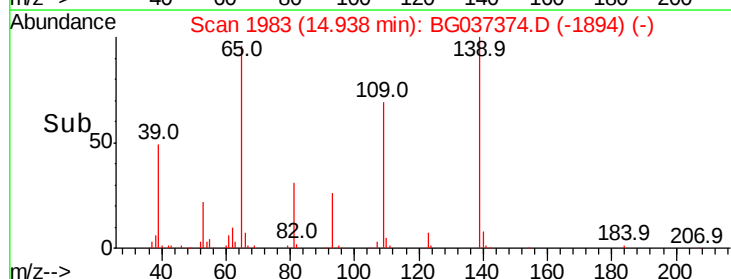
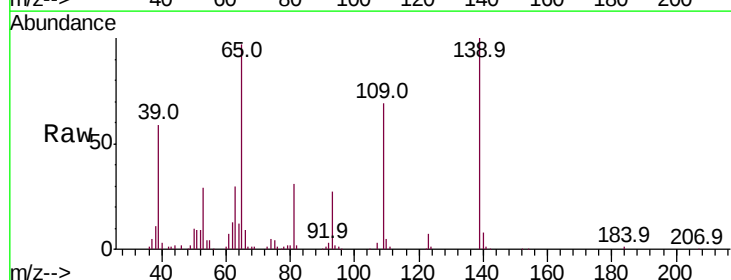
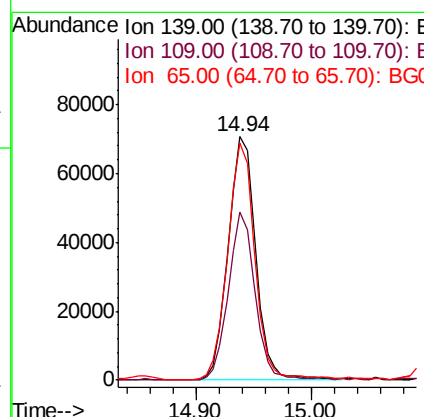
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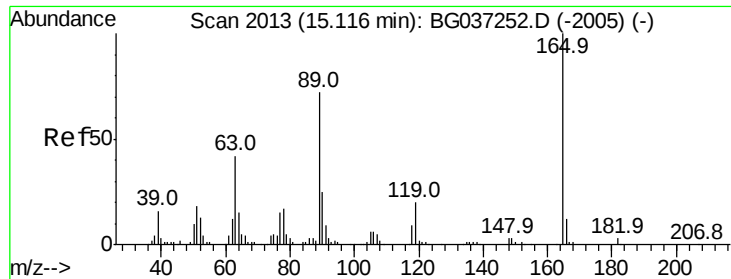
Sohil
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#56
4-Nitrophenol
Concen: 45.439 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.1	49.5	89.5
65	97.2	76.8	116.8





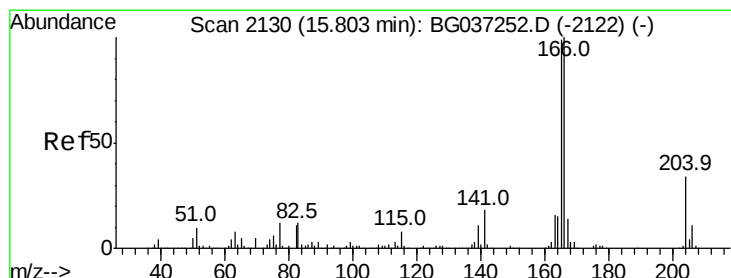
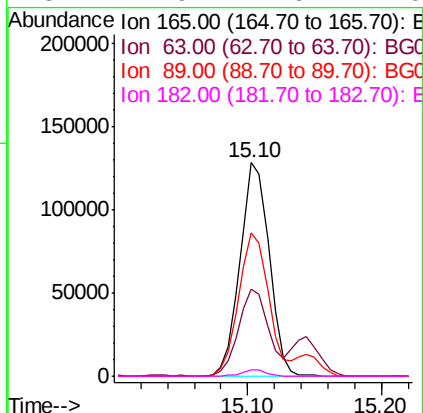
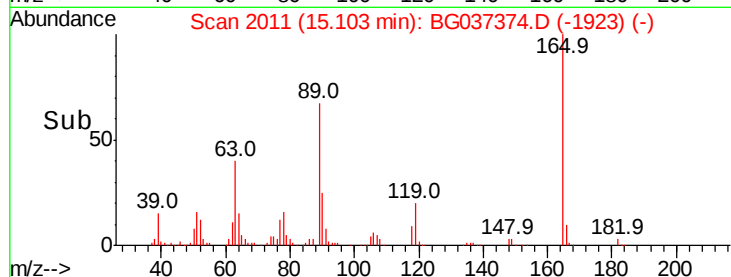
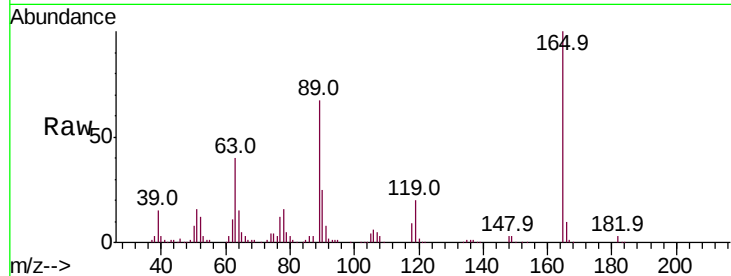
#57
2,4-Dinitrotoluene
Concen: 49.374 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	193406		
63	40.5	33.4	50.0	
89	67.4	57.2	85.8	
182	2.9	2.6	4.0	

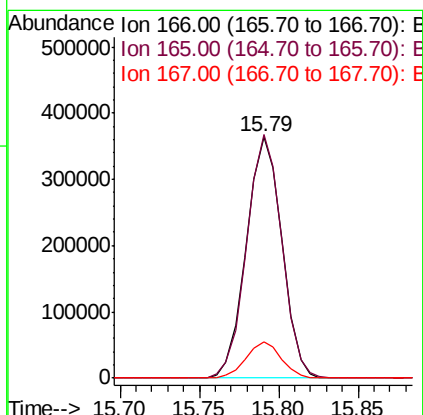
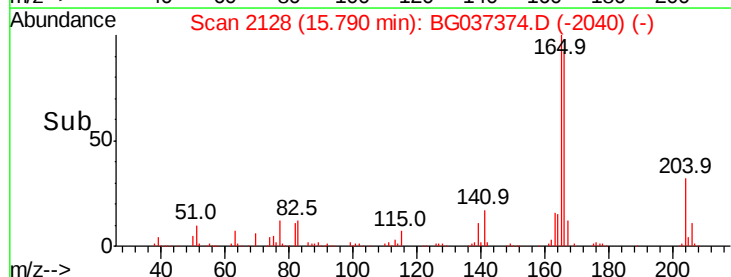
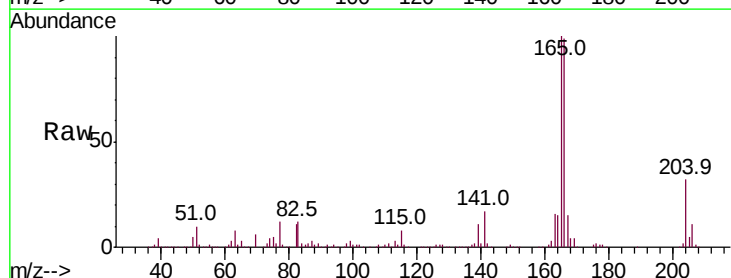
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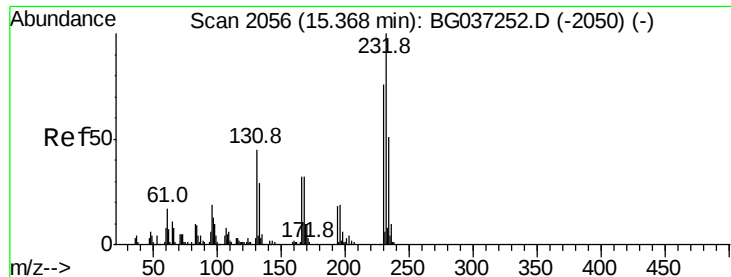
Sohil
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#58
Fluorene
Concen: 39.058 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	568596		
165	100.8	79.0	118.6	
167	14.7	11.3	16.9	





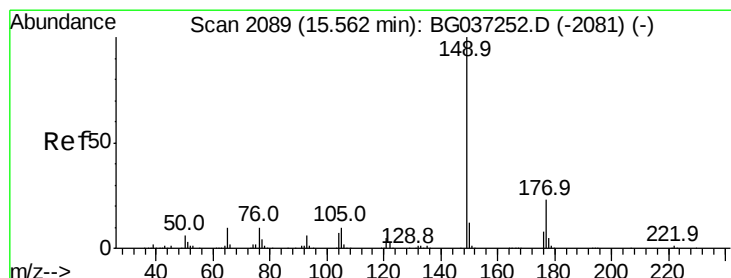
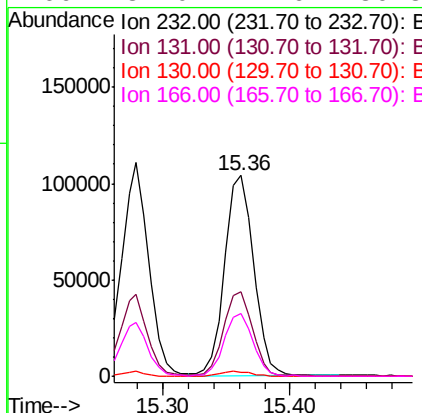
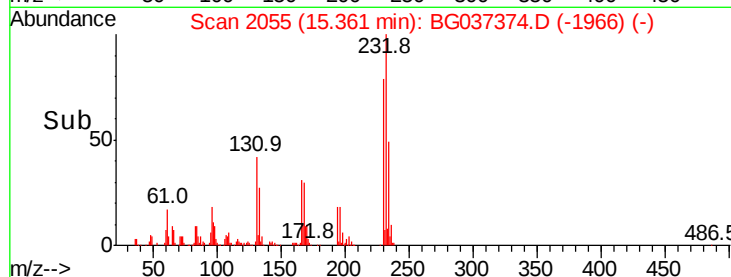
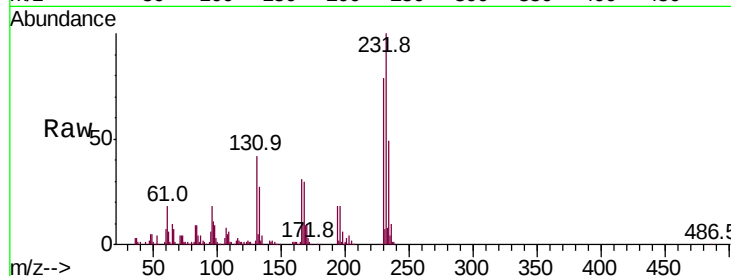
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.773 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.7	50.5
130	2.5	2.1	3.1
166	31.0	24.6	36.8

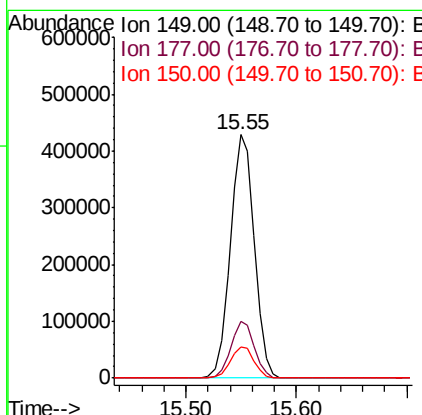
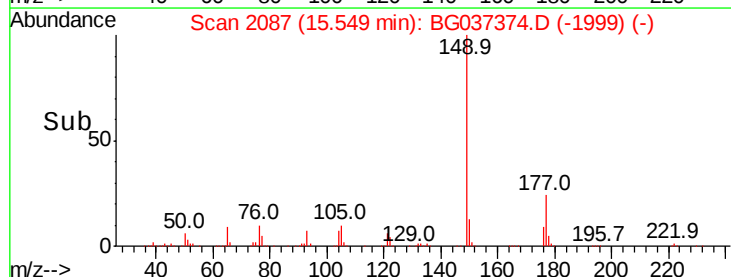
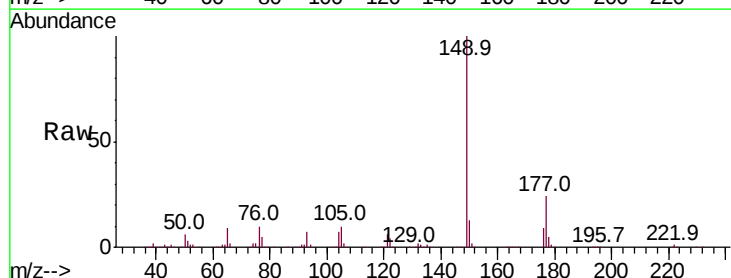
Manual Integrations
 APPROVED

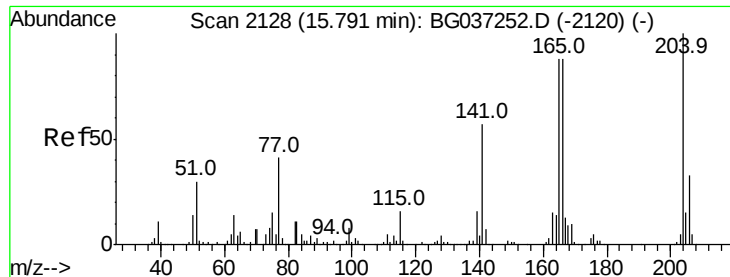
Sohil
 10/17/2018 2:59:42 PM



#60
 Diethylphthalate
 Concen: 39.433 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.7	10.0	15.0





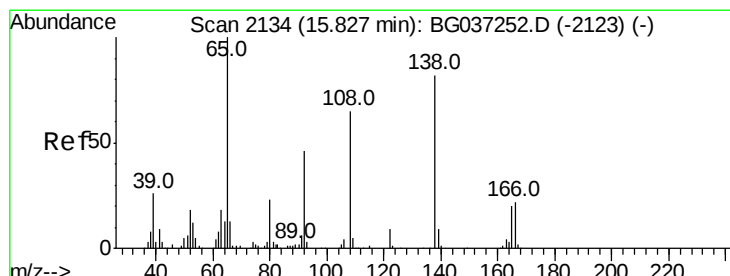
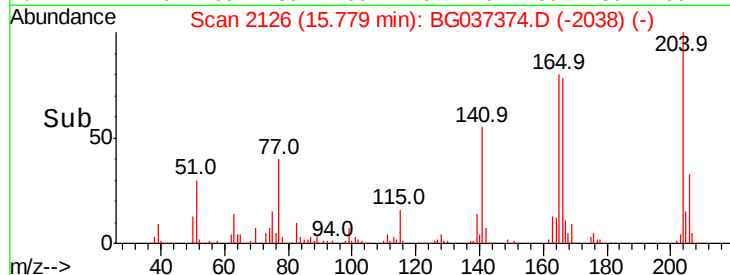
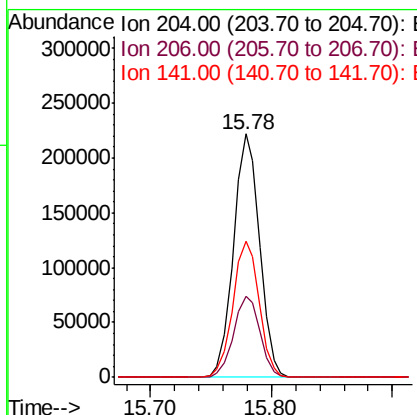
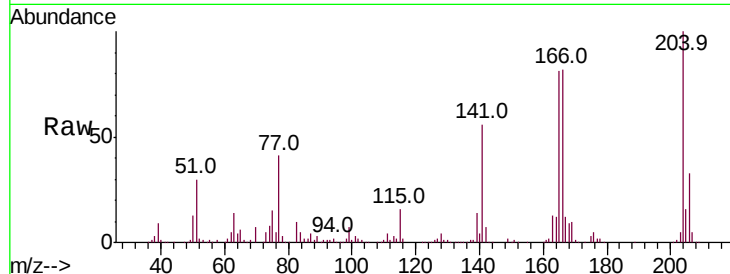
#61
 4-Chlorophenyl-phenylether
 Concen: 39.104 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	204	Resp:	332754
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.6	39.8
141	55.7	45.4	68.2

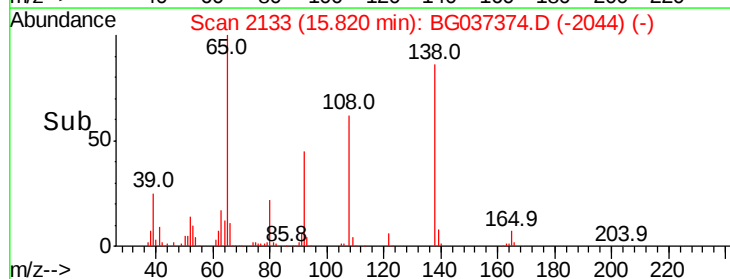
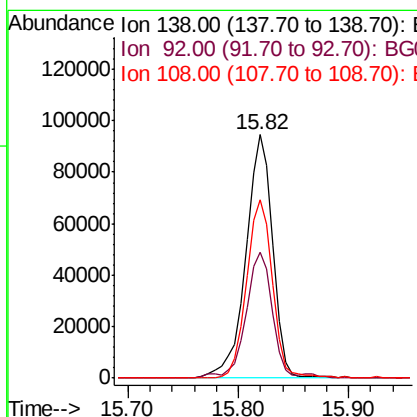
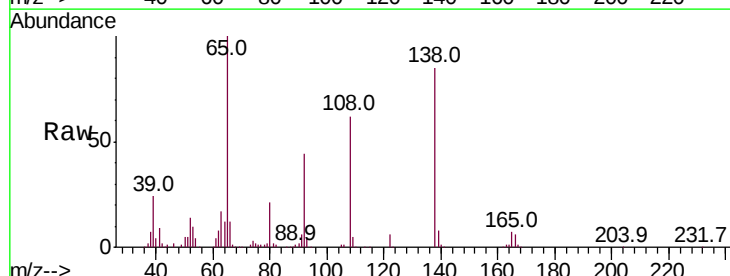
Manual Integrations
 APPROVED

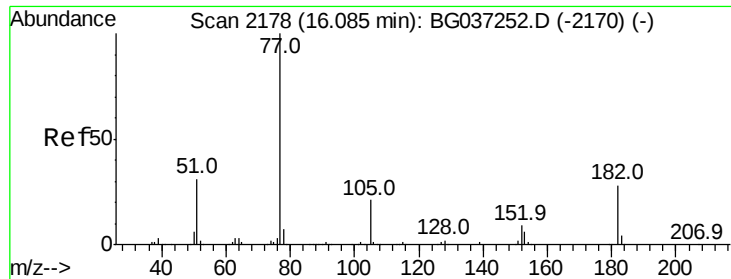
Sohil
 10/17/2018 2:59:42 PM



#62
 4-Nitroaniline
 Concen: 46.193 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Tgt Ion:	138	Resp:	161071
Ion Ratio	Lower	Upper	
138	100		
92	51.5	36.4	76.4
108	73.1	60.1	100.1





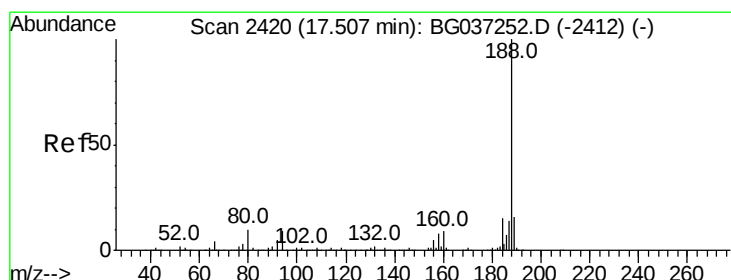
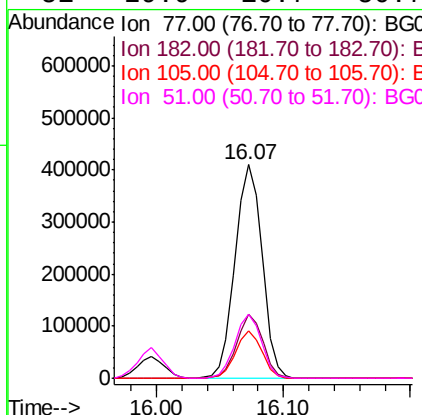
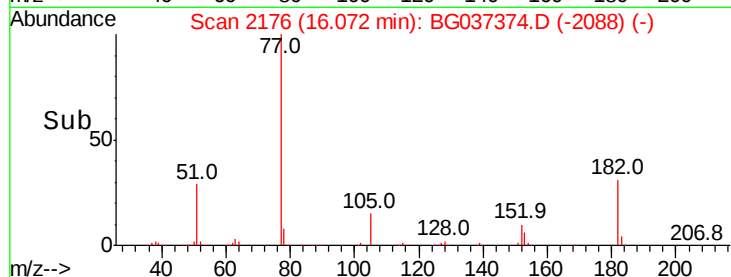
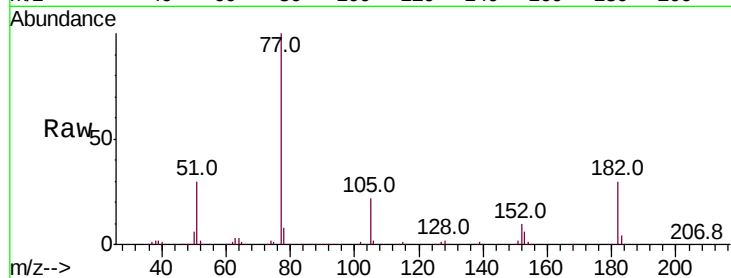
#63
Azobenzene
Concen: 38.344 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	8.0	48.0
105	22.4	1.3	41.3
51	29.9	10.7	50.7

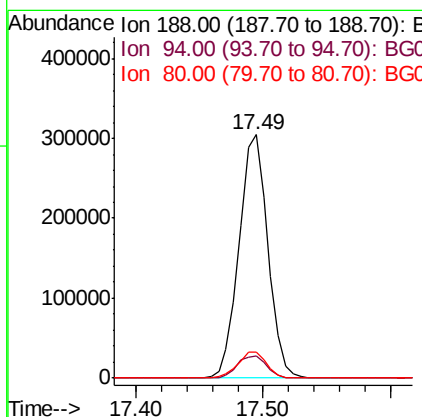
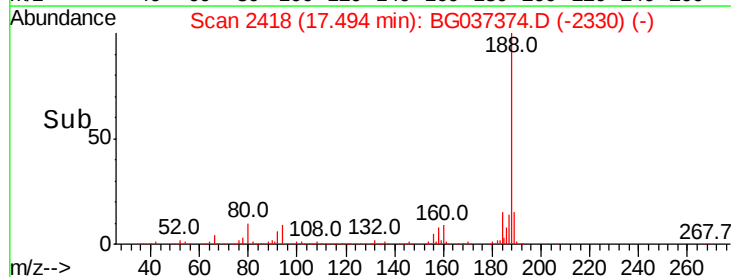
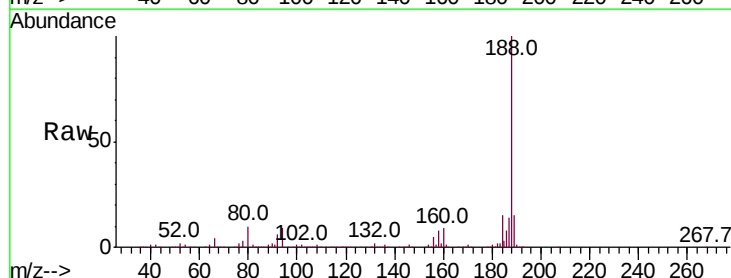
Manual Integrations
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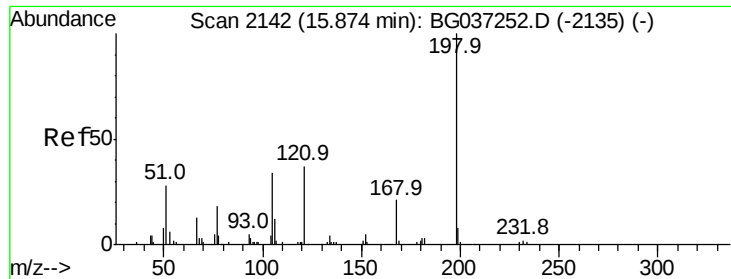
Sohil
10/17/2018 2:59:42 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.5	7.7	11.5





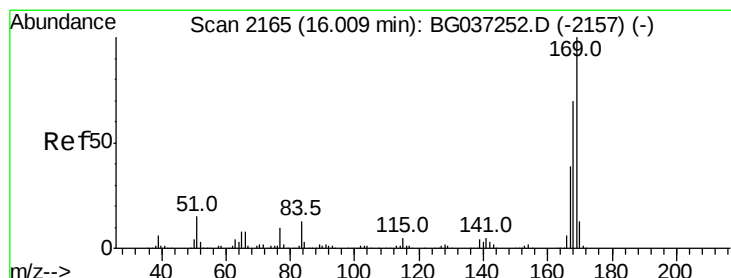
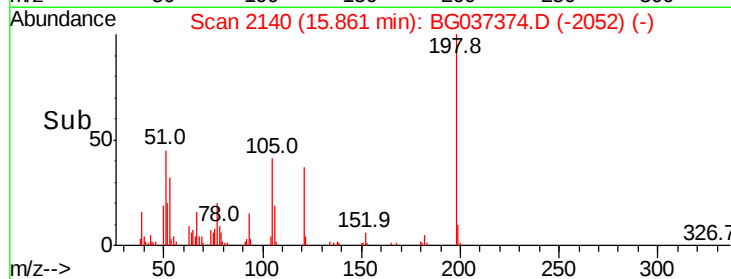
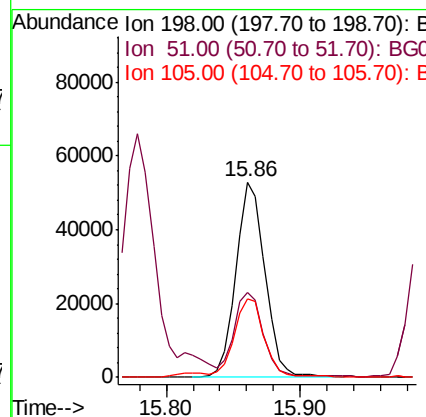
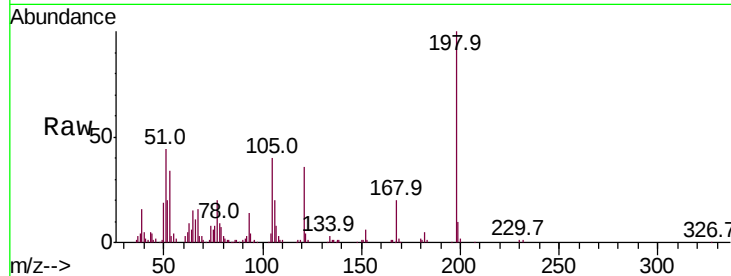
#65
4,6-Dinitro-2-methylphenol
Concen: 53.046 ng
RT: 15.86 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.7	22.7	62.7
105	40.0	19.7	59.7

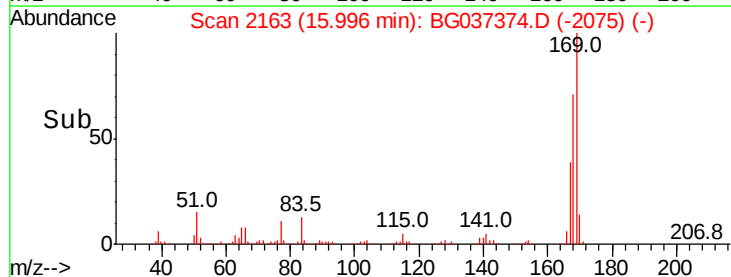
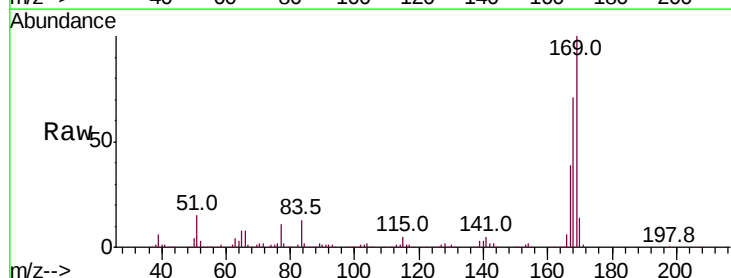
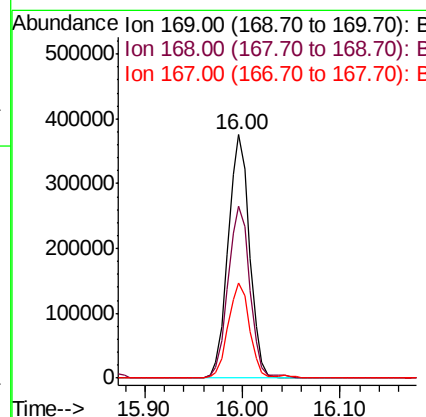
Manual Integrations
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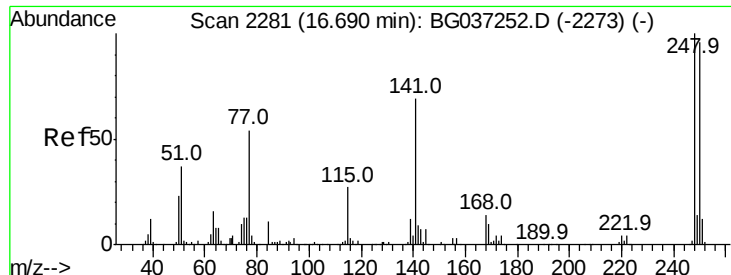
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 40.481 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.6	55.7	83.5
167	38.8	31.3	46.9





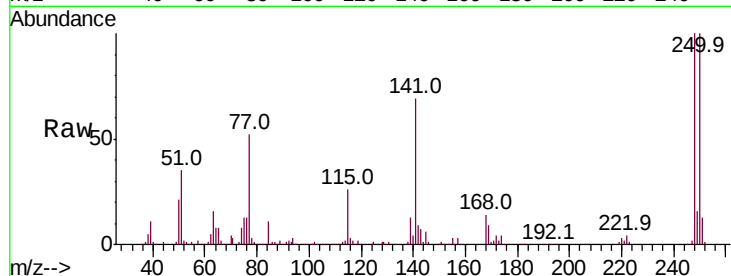
#67
4-Bromophenyl-phenylether
Concen: 40.494 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
248	100	208666		
250	99.5		77.0	115.6
141	68.9		55.5	83.3

Manual Integrations
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Sohil
10/17/2018 2:59:42 PM

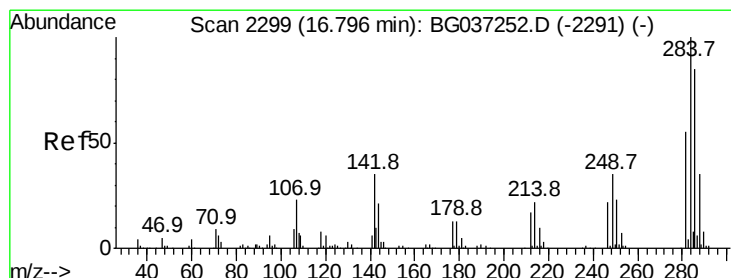
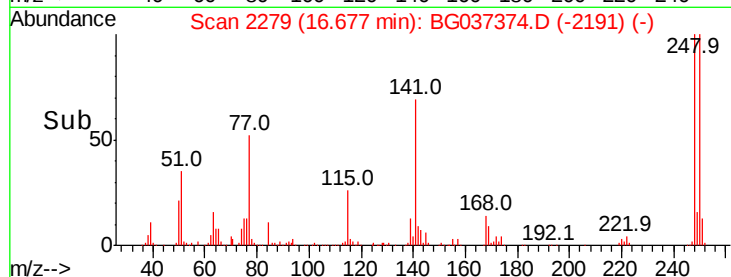
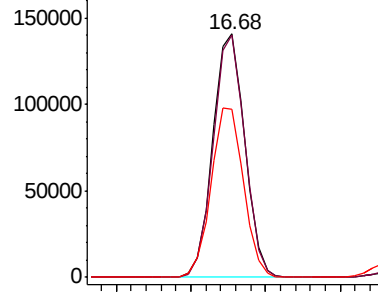


Abundance

Ion 248.00 (247.70 to 248.70): E

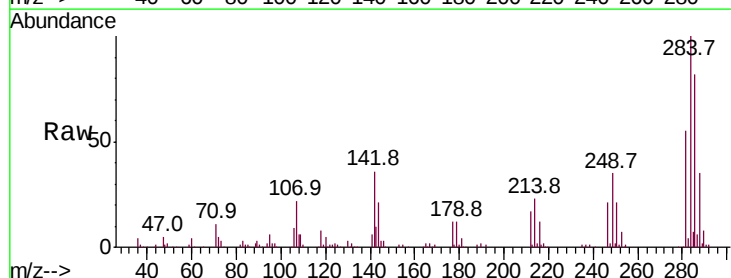
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.092 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	214204		
142	36.2		28.1	42.1
249	37.6		29.8	44.8

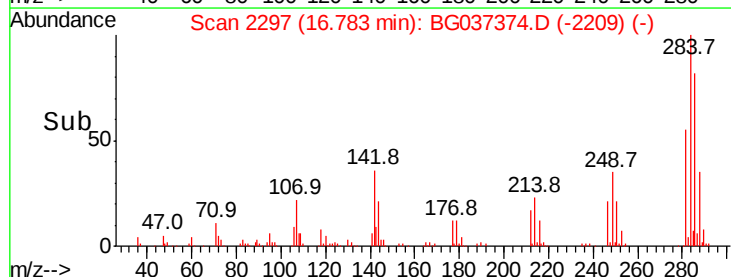
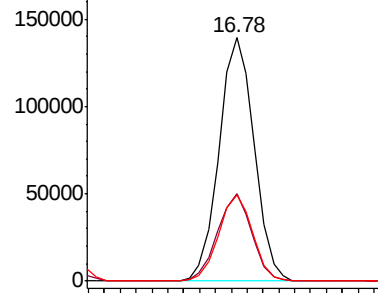


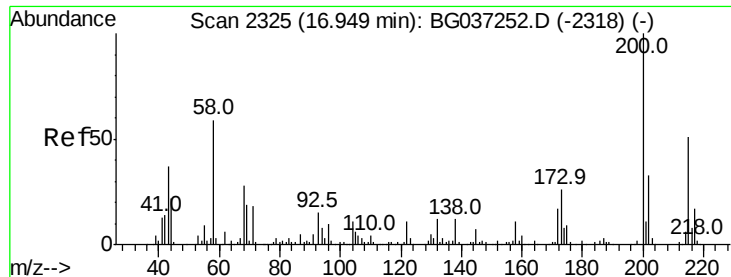
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





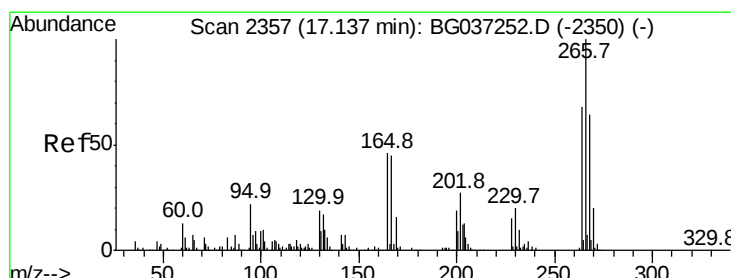
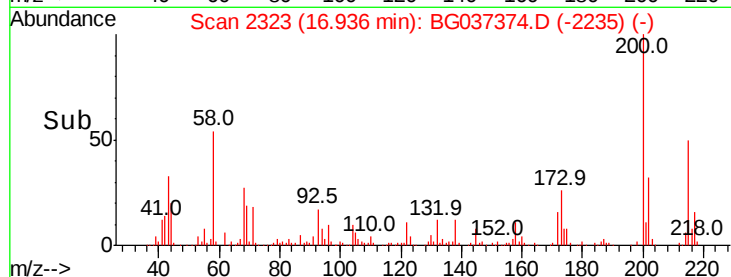
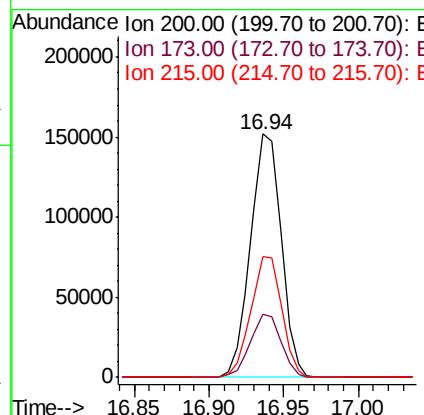
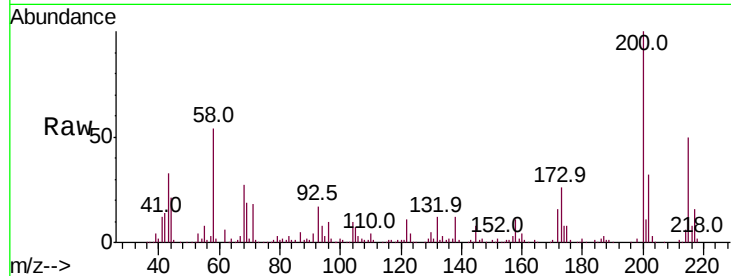
#69
Atrazine
Concen: 41.493 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.1	46.1
215	49.6	30.8	70.8

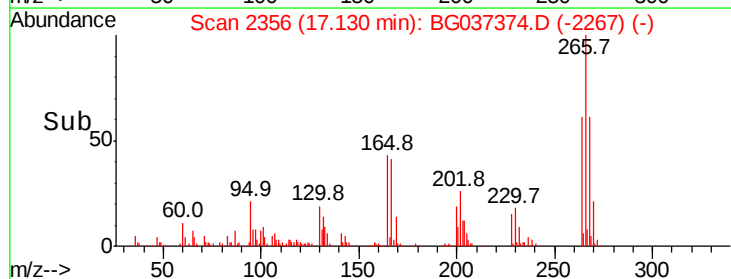
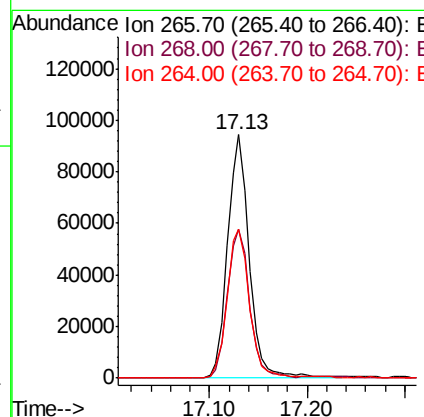
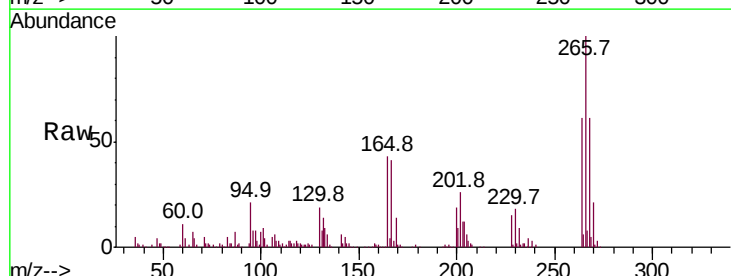
Manual Integrations
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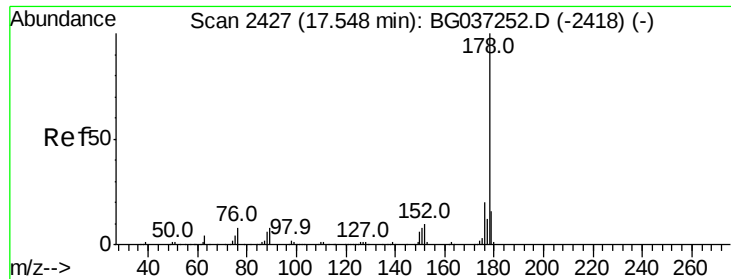
Sohil
10/17/2018 2:59:42 PM



#70
Pentachlorophenol
Concen: 42.240 ng
RT: 17.13 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	55.0	82.6
264	66.9	58.9	88.3





#71

Phenanthrene

Concen: 39.209 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 952978

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

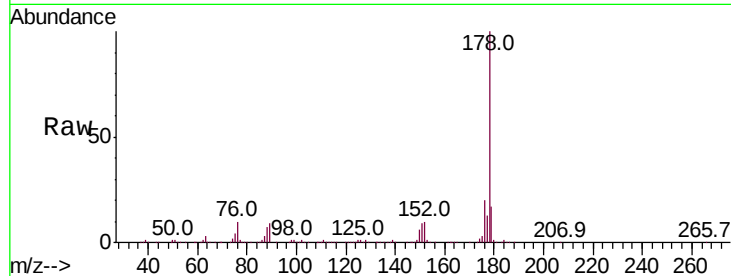
179 17.0 13.0 19.4

Manual Integrations

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Sohil

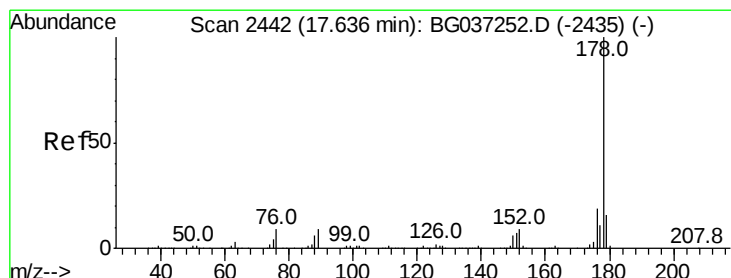
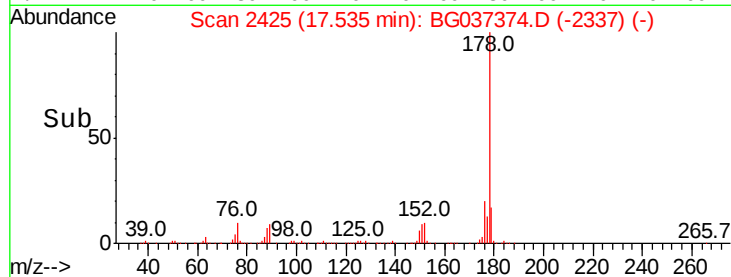
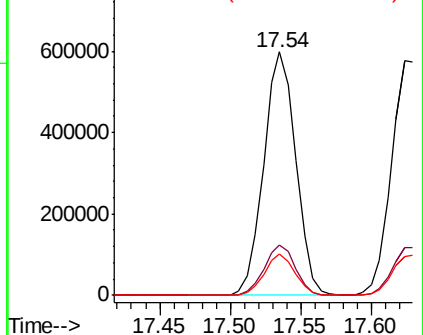
10/17/2018 2:59:42 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.569 ng

RT: 17.62 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:178 Resp: 941338

Ion Ratio Lower Upper

178 100

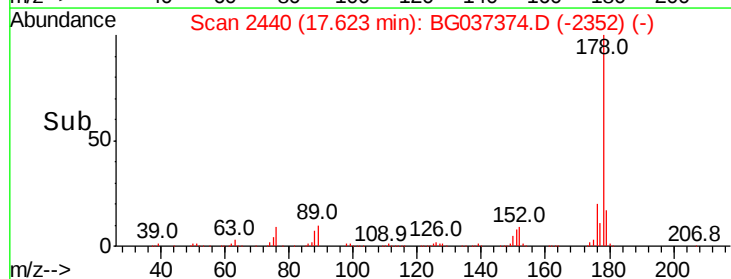
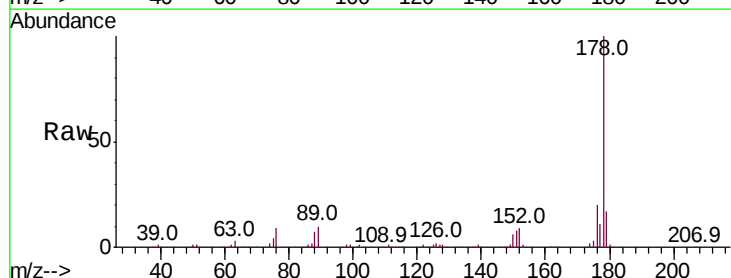
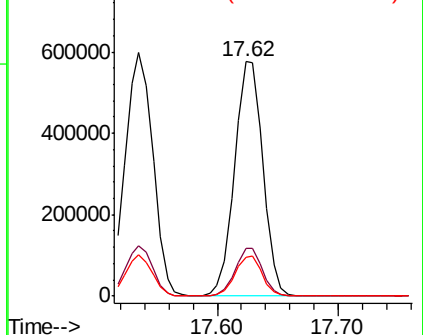
176 20.3 15.0 22.4

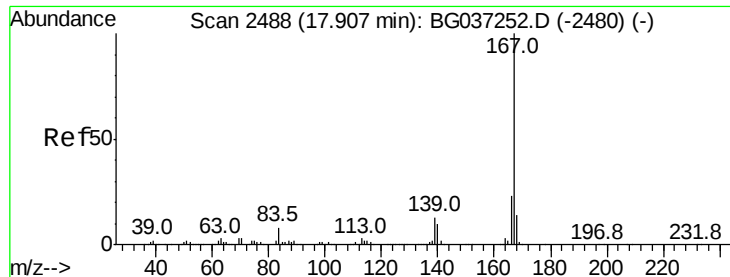
179 16.7 12.8 19.2

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





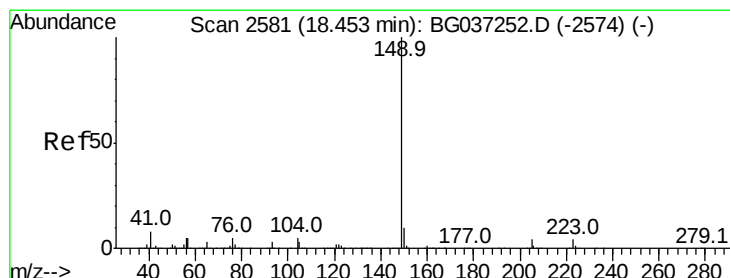
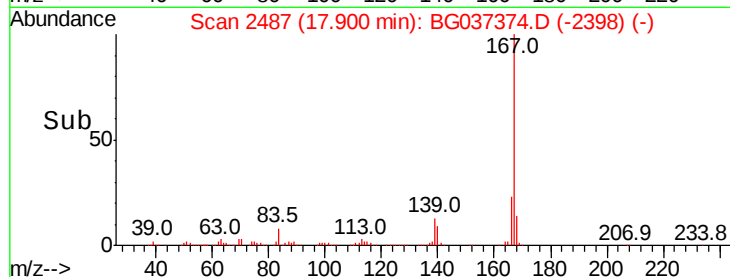
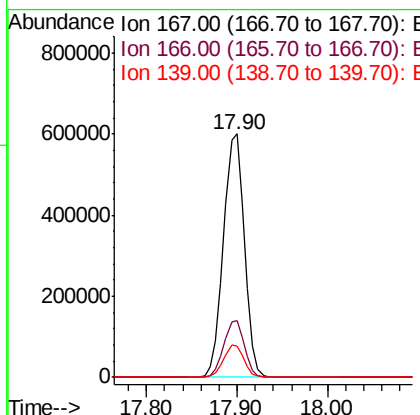
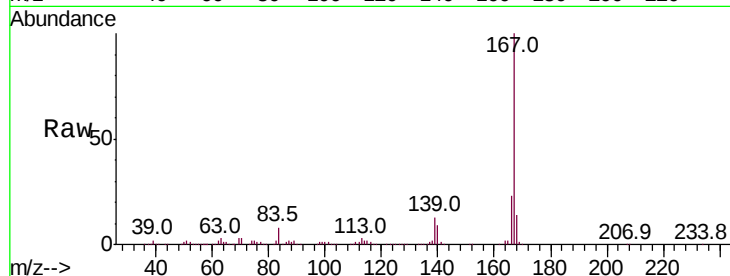
#73
 Carbazole
 Concen: 39.323 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.3	27.5
139	12.9	10.5	15.7

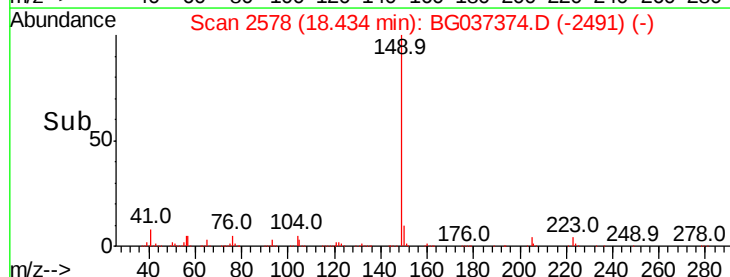
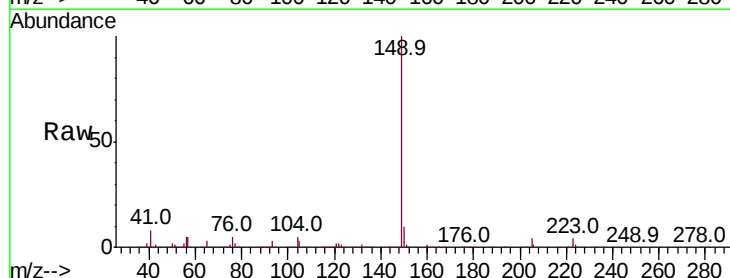
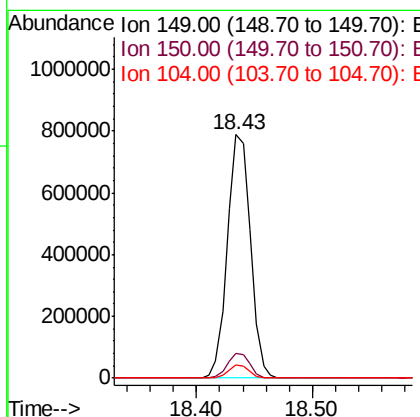
Manual Integrations
 APPROVED

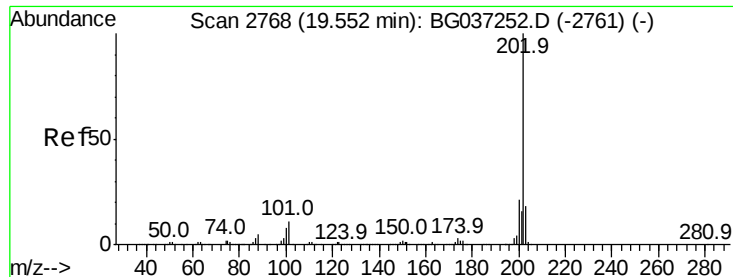
Sohil
 10/17/2018 2:59:42 PM



#74
 Di-n-butylphthalate
 Concen: 41.569 ng
 RT: 18.43 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037374.D
 Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 38.647 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

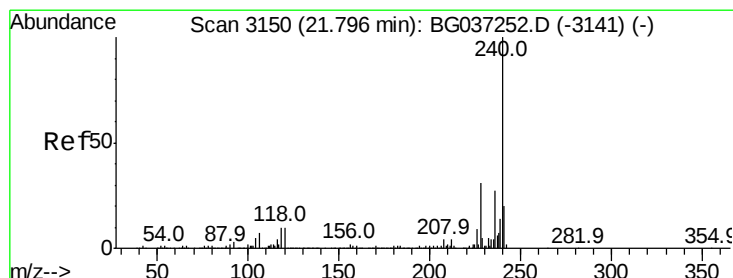
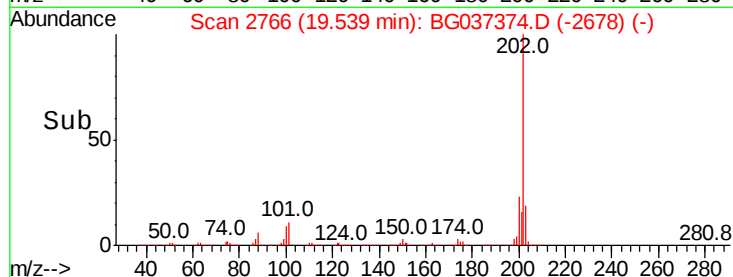
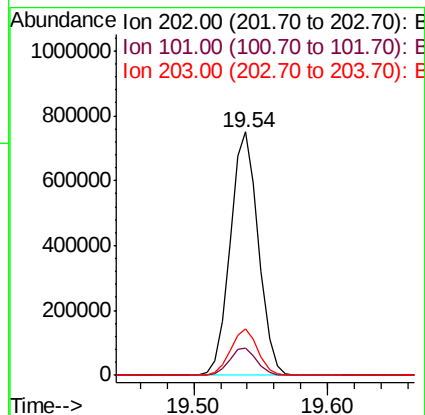
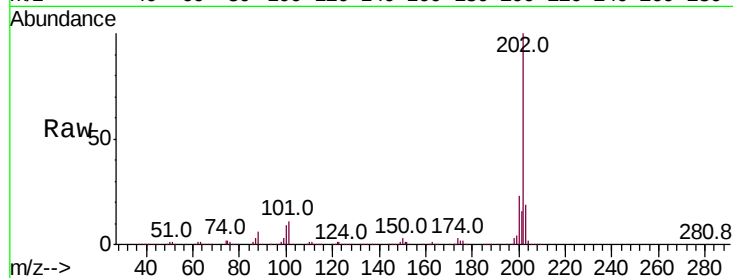
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1097837
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	30.7
203	18.9	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

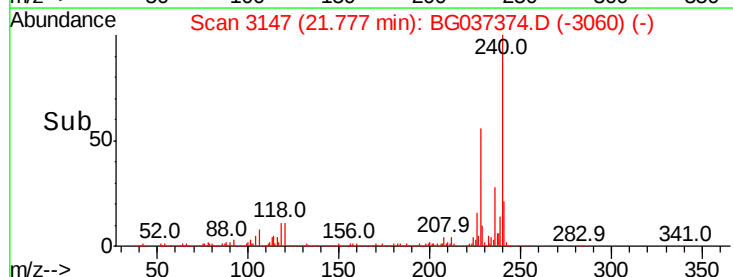
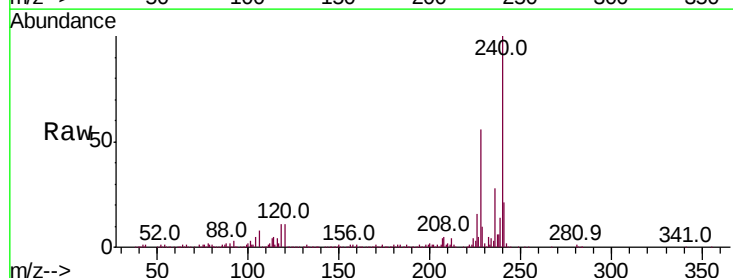
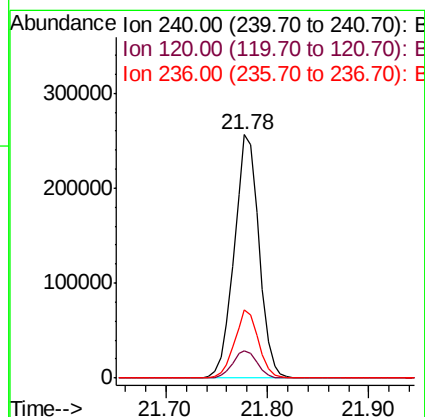
RT: 21.78 min Scan# 3147

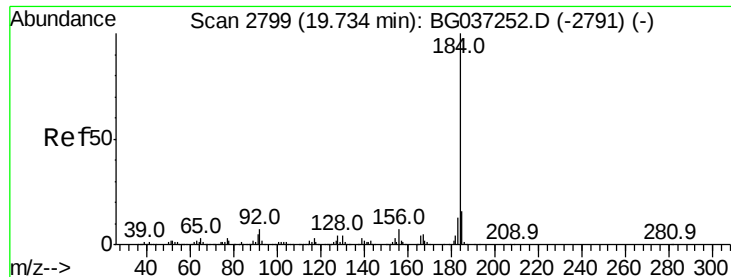
Delta R.T. -0.02 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:	240	Resp:	434450
Ion Ratio	Lower	Upper	
240	100		
120	11.4	8.1	12.1
236	28.2	21.4	32.0





#77

Benzidine

Concen: 33.205 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

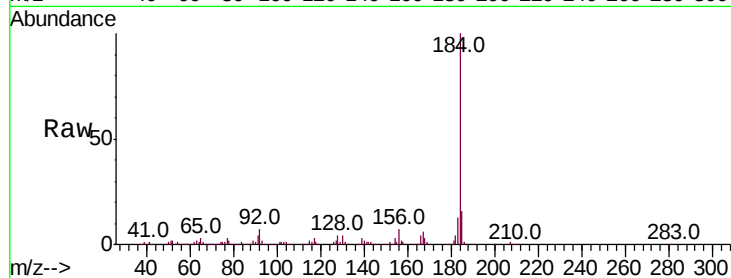
ClientSampleId :

SSTDCCC040EC

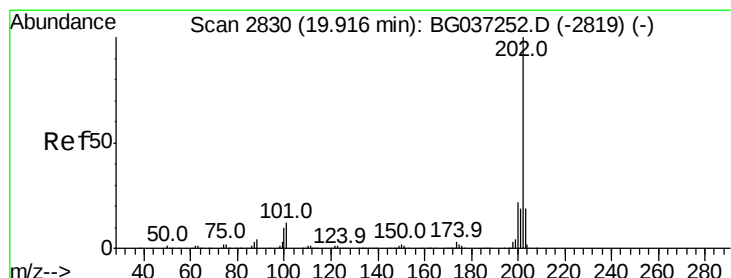
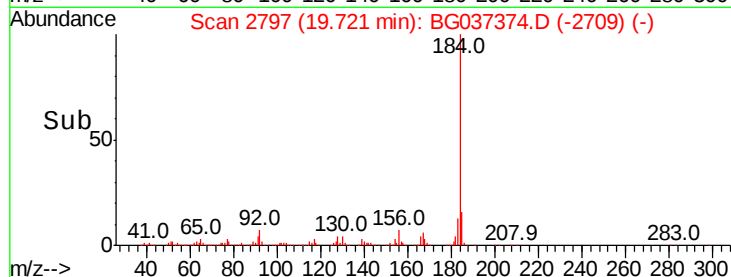
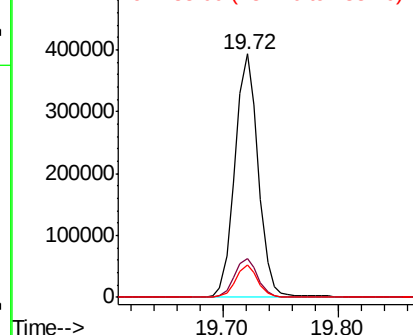
Tot Ion:	184	Resp:	551871
Ion Ratio	Lower	Upper	
184	100		
185	16.2	12.6	18.8
183	13.2	10.2	15.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.763 ng

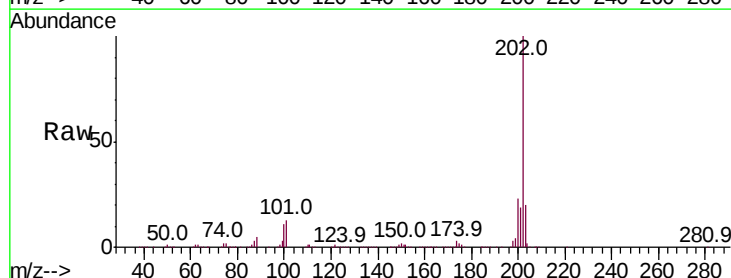
RT: 19.90 min Scan# 2828

Delta R.T. -0.01 min

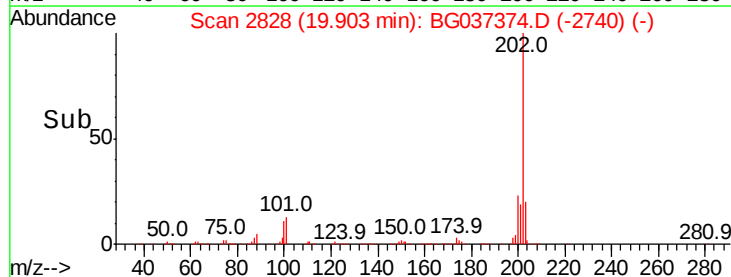
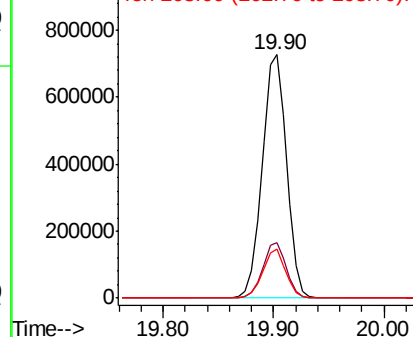
Lab File: BG037374.D

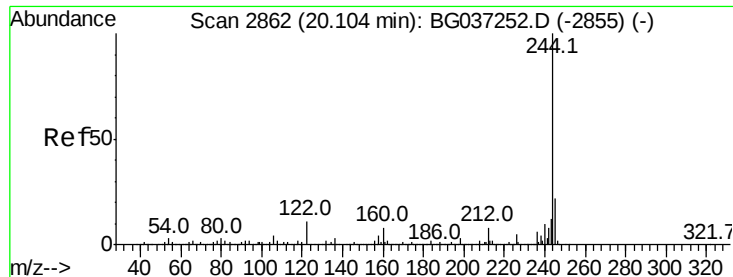
Acq: 17 Oct 2018 00:39

Tgt Ion:	202	Resp:	1125875
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.6
203	20.0	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





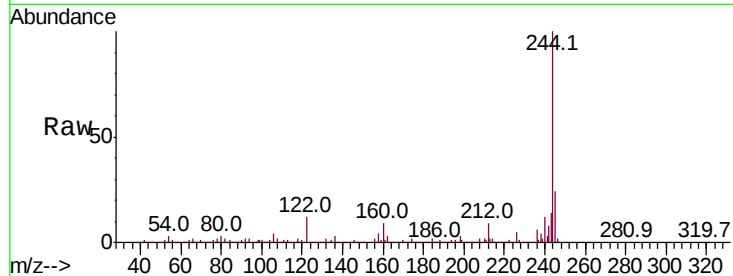
#79
Terphenyl-d14
Concen: 76.396 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

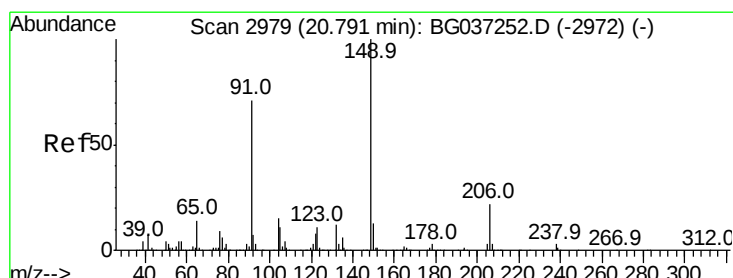
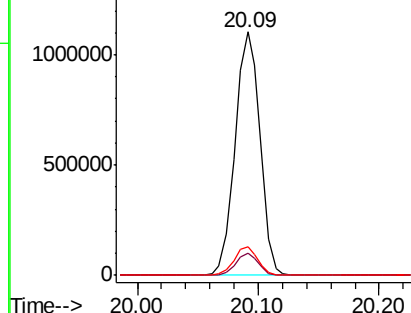
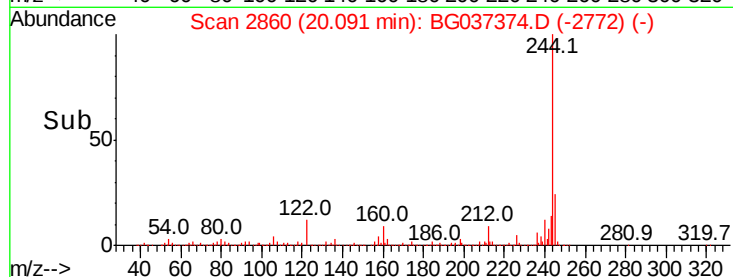
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.5	9.7
122	11.9	9.0	13.4

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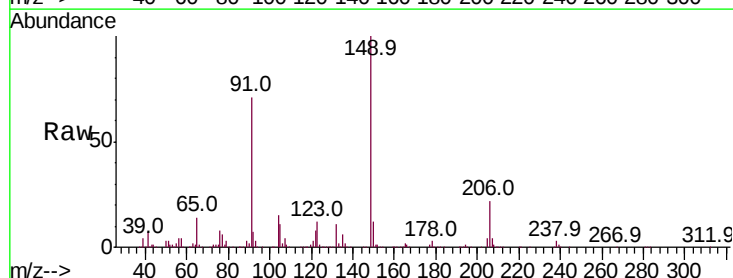


Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

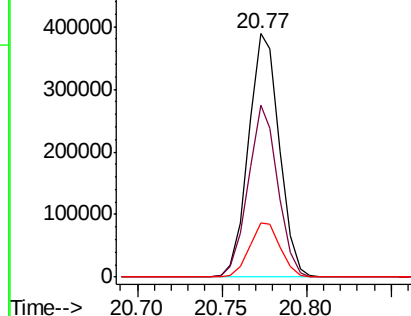
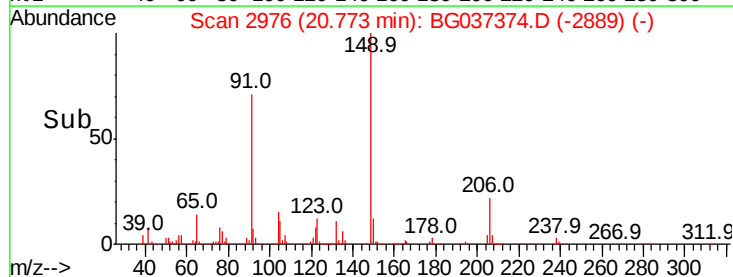


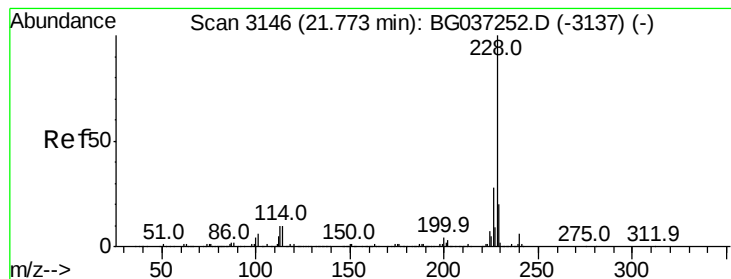
#80
Butylbenzylphthalate
Concen: 44.880 ng
RT: 20.77 min Scan# 2976
Delta R.T. -0.02 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.0	85.4
206	22.4	17.8	26.6



Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.378 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1024592

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

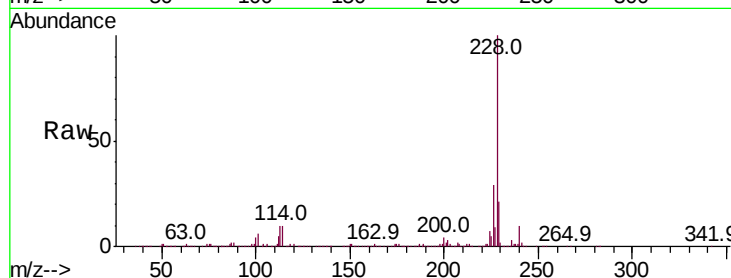
229 20.9 16.3 24.5

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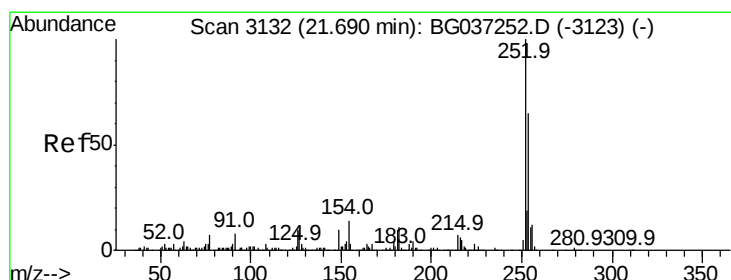
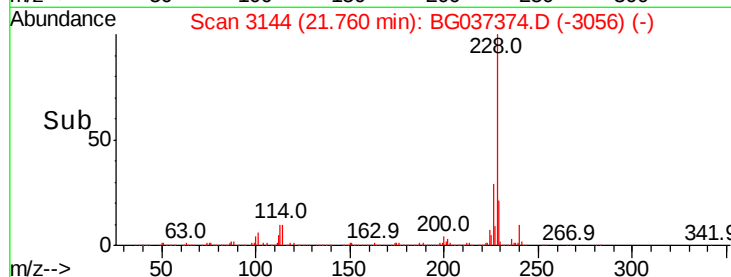
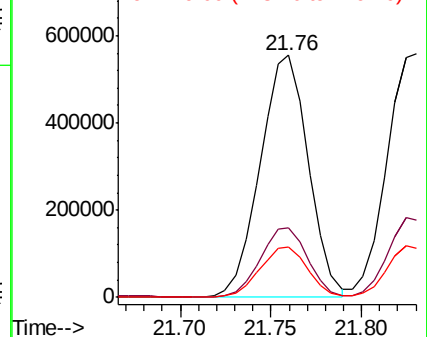
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.532 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

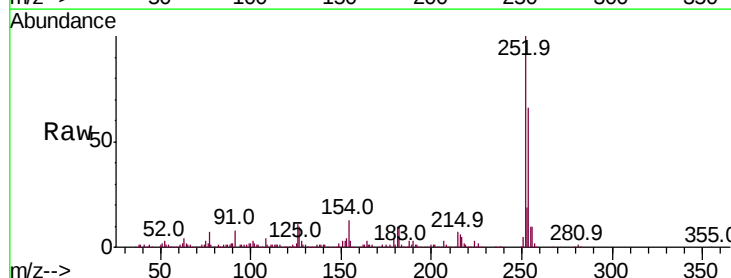
Tgt Ion:252 Resp: 406822

Ion Ratio Lower Upper

252 100

254 66.0 52.0 78.0

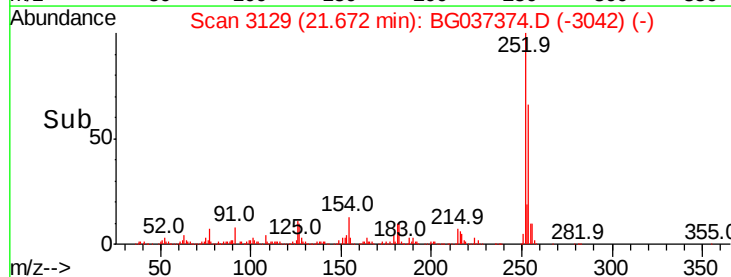
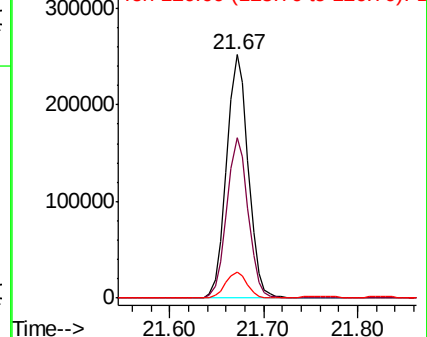
126 10.5 8.2 12.4

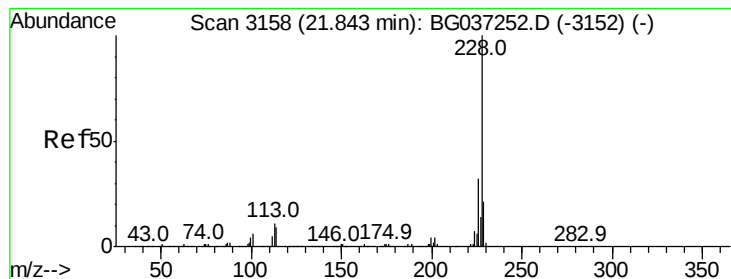


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.609 ng

RT: 21.83 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

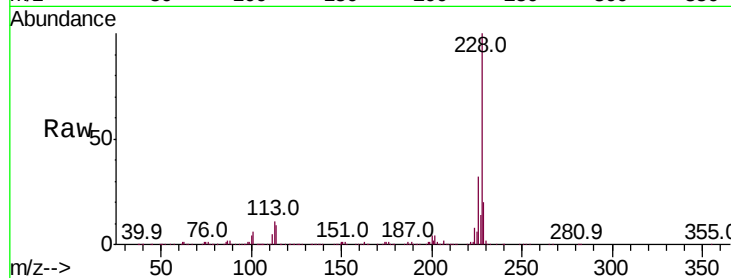
ClientSampleId :

SSTDCCC040EC

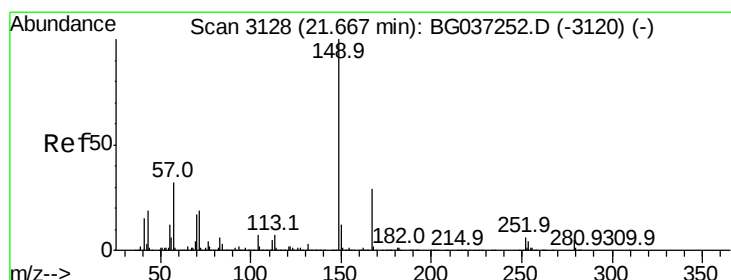
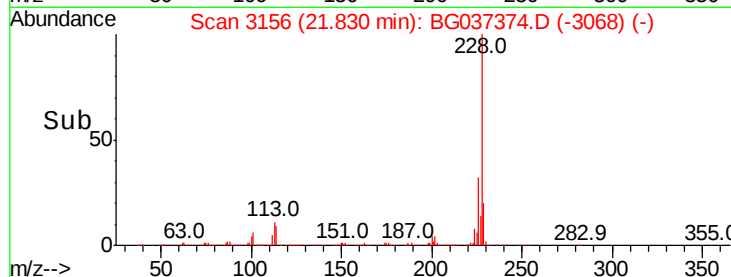
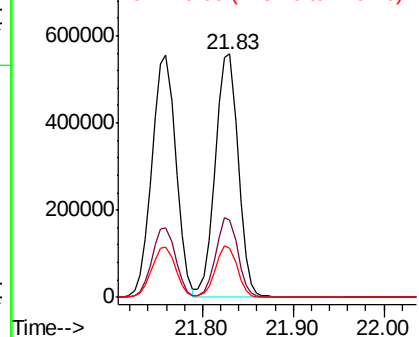
Tot Ion:	228	Resp:	983110
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.7	38.5
229	20.1	16.5	24.7

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.762 ng

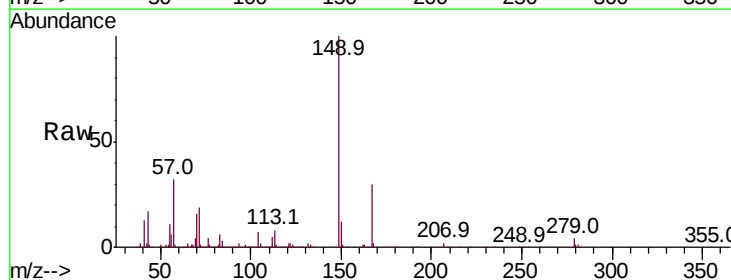
RT: 21.64 min Scan# 3123

Delta R.T. -0.03 min

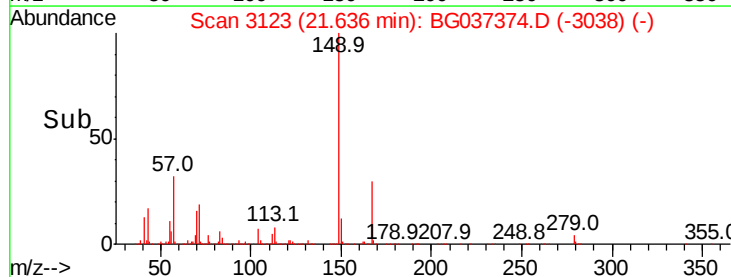
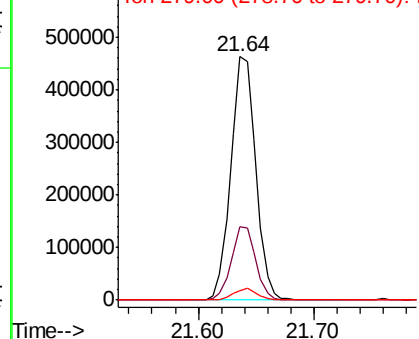
Lab File: BG037374.D

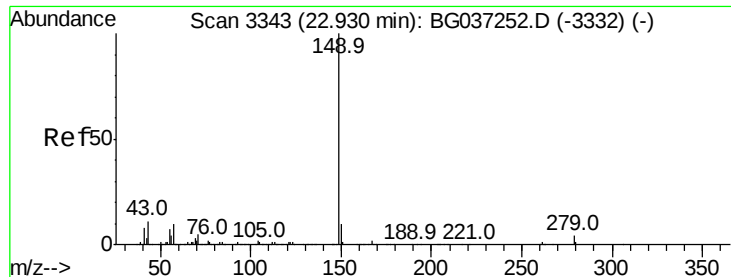
Acq: 17 Oct 2018 00:39

Tgt Ion:	149	Resp:	692278
Ion Ratio	Lower	Upper	
149	100		
167	30.1	23.0	34.4
279	4.0	3.6	5.4



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





#85

Di-n-octyl phthalate

Concen: 44.122 ng

RT: 22.89 min Scan# 3337

Delta R.T. -0.04 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1132878

Ion Ratio Lower Upper

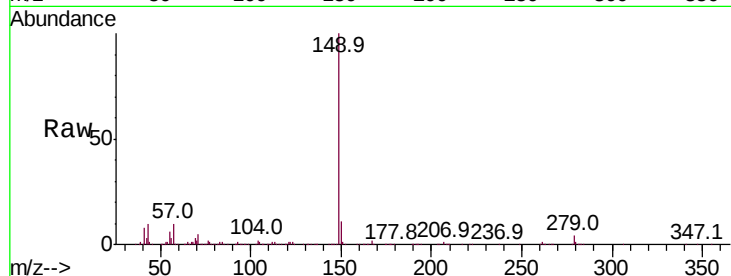
149 100

167 1.7 1.3 1.9

43 10.3 8.7 13.1

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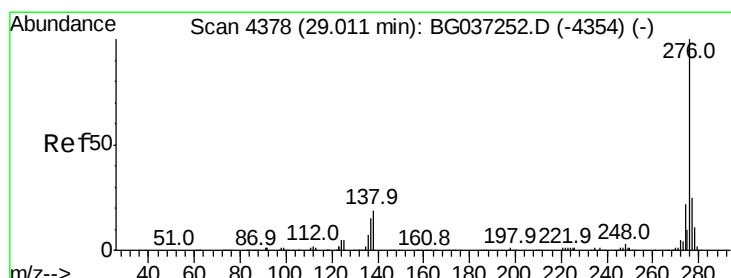
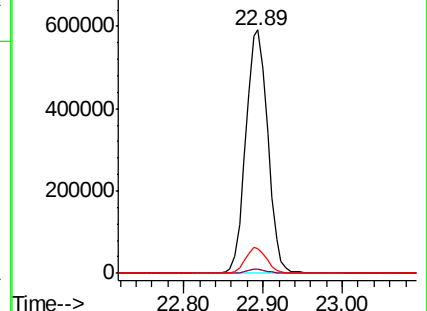
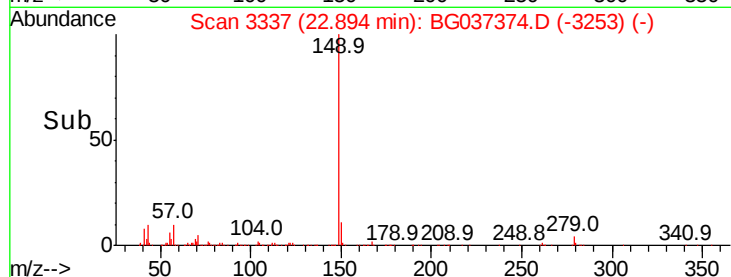
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.720 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.05 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

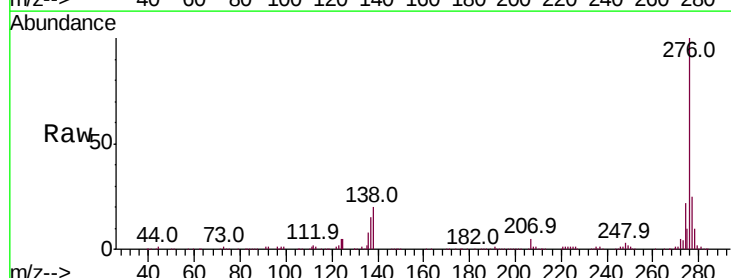
Tgt Ion:276 Resp: 1120264

Ion Ratio Lower Upper

276 100

138 18.4 12.0 18.0#

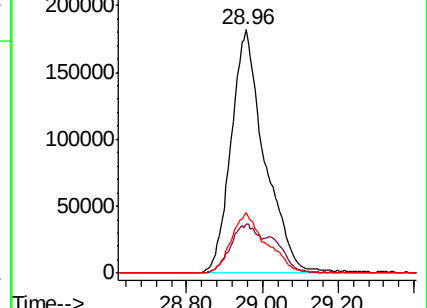
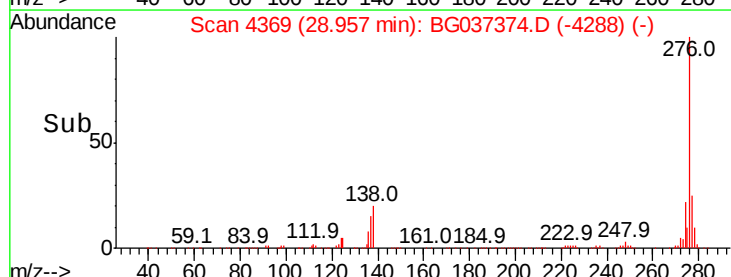
277 25.9 20.6 30.8

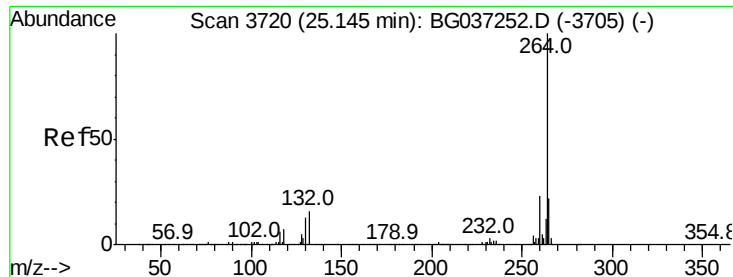


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Instrument :

BNA_G

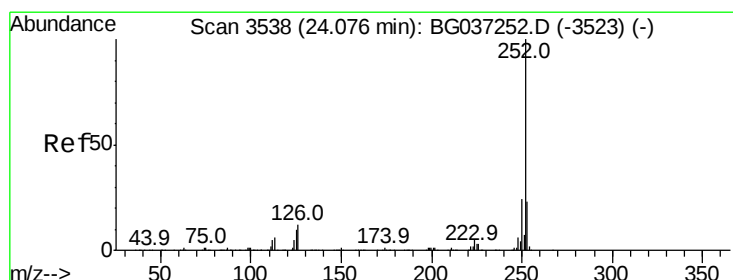
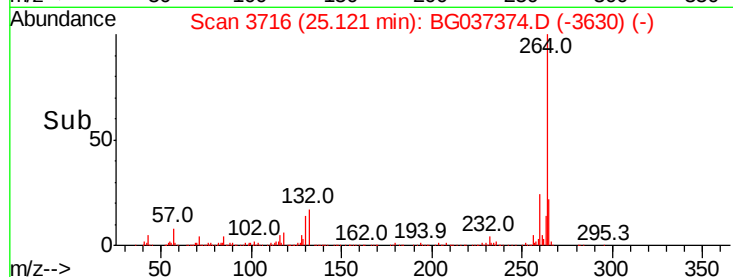
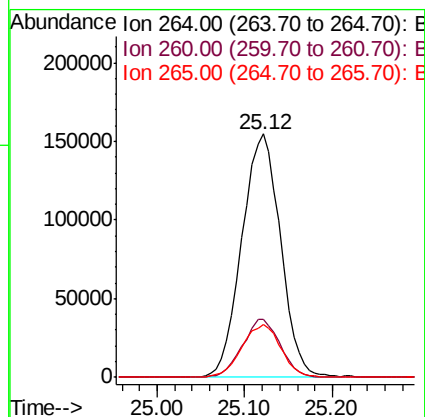
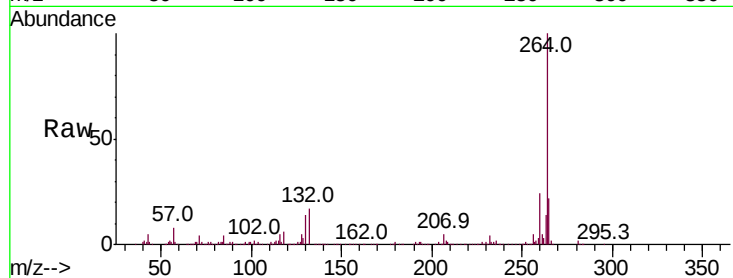
ClientSampleId :

SSTDCCC040EC

Tot Ion:	264	Resp:	465223
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.4
265	21.7	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 40.273 ng

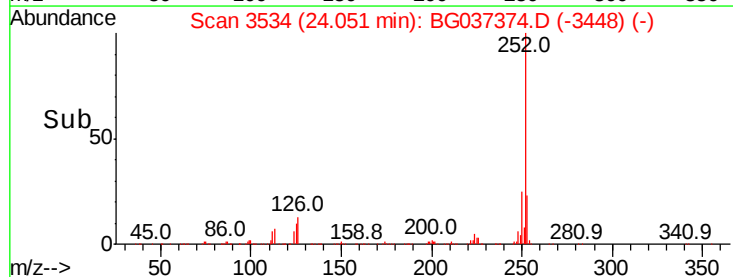
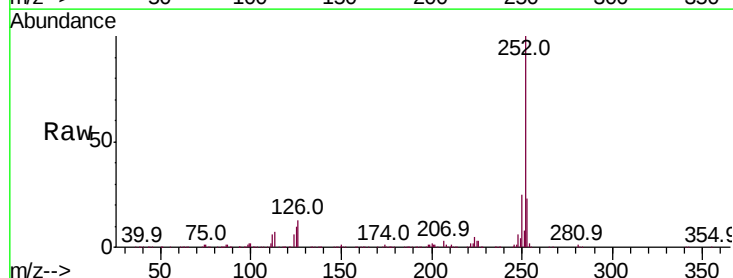
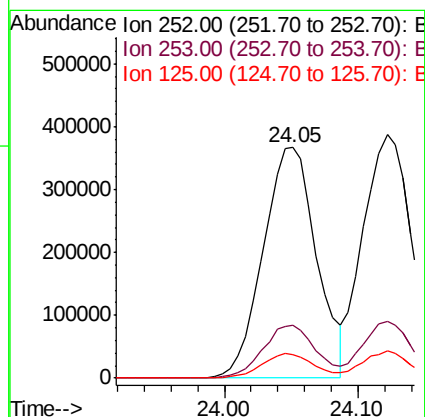
RT: 24.05 min Scan# 3534

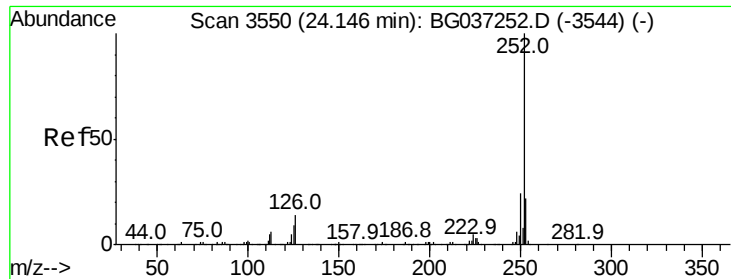
Delta R.T. -0.02 min

Lab File: BG037374.D

Acq: 17 Oct 2018 00:39

Tgt Ion:	252	Resp:	1018642
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	10.4	7.8	11.6





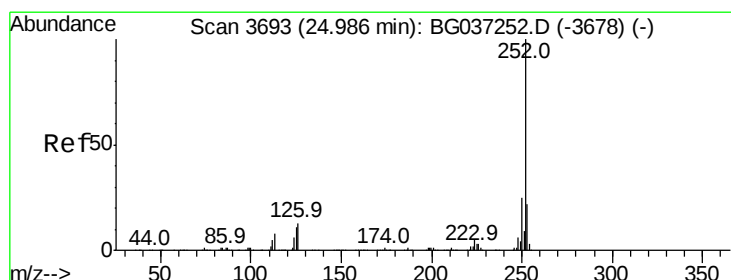
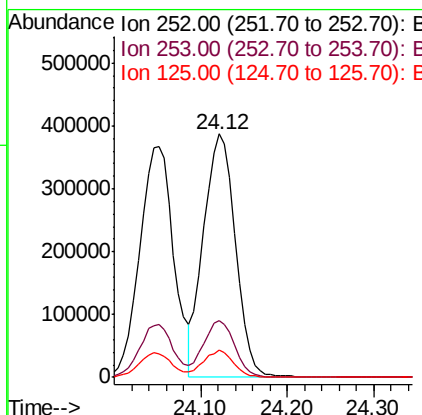
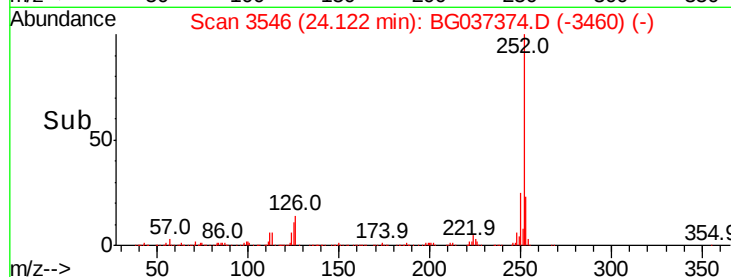
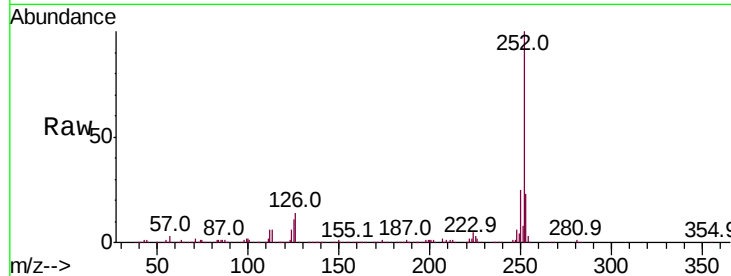
#89
Benzo(k)fluoranthene
Concen: 39.580 ng m
RT: 24.12 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	11.1	7.4	11.0

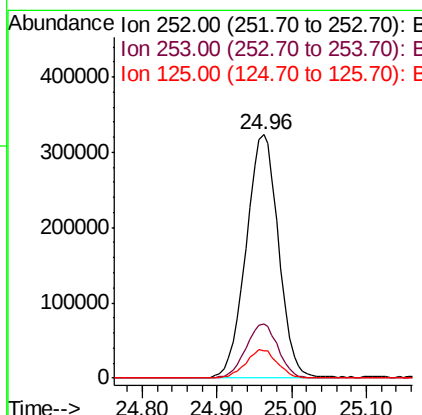
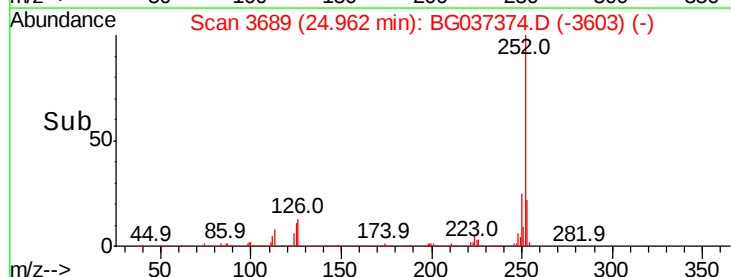
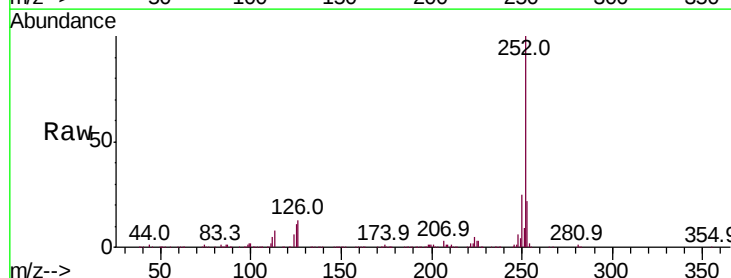
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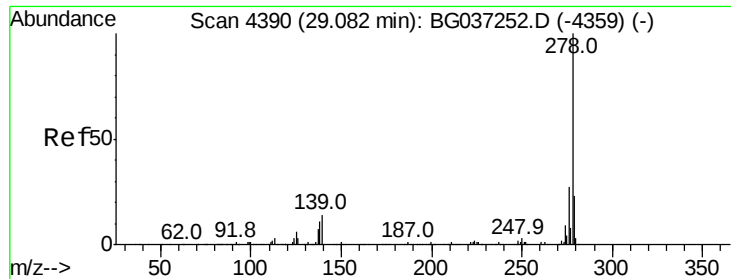
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#90
Benzo(a)pyrene
Concen: 40.223 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.1	9.0	13.6





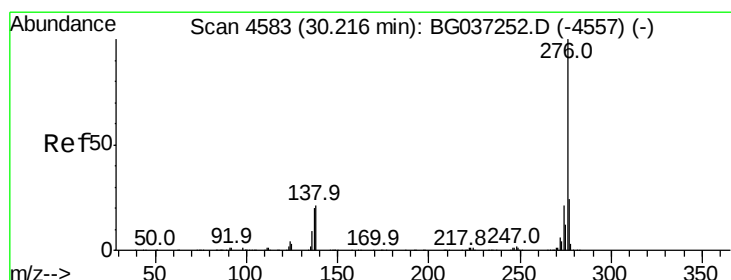
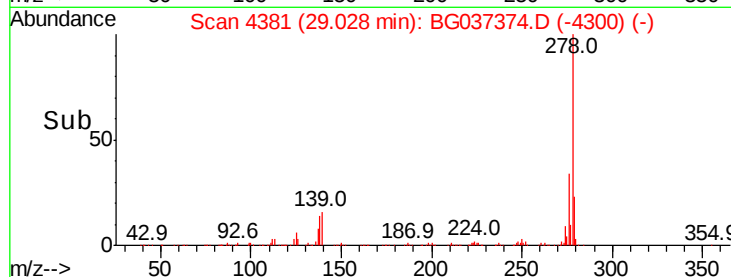
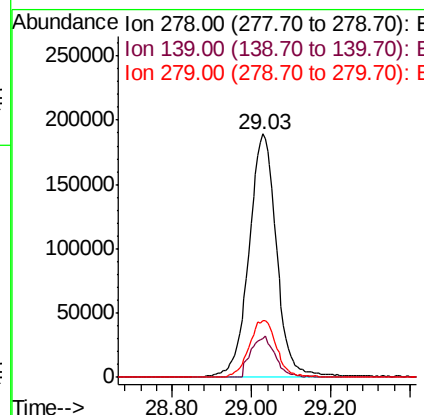
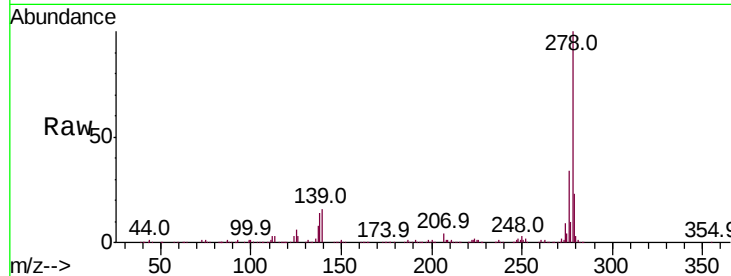
#91
Dibenzo(a,h)anthracene
Concen: 39.503 ng
RT: 29.03 min Scan# 4381
Delta R.T. -0.05 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.5	17.3
279	23.1	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/17/2018 2:59:42 PM



#92
Benzo(g,h,i)perylene
Concen: 39.960 ng
RT: 30.16 min Scan# 4574
Delta R.T. -0.05 min
Lab File: BG037374.D
Acq: 17 Oct 2018 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.1	17.2	25.8

