

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038349.D
 Acq On : 5 Dec 2018 7:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:20 AM

Quant Time: Dec 05 15:58:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	35190	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	159137	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	102845	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	240415	20.00	ng	0.00
76) Chrysene-d12	21.74	240	223994	20.00	ng	0.00
87) Perylene-d12	25.05	264	239099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	163254	82.10	ng	0.00
7) Phenol-d6	7.21	99	299296	104.14	ng	-0.01
23) Nitrobenzene-d5	9.25	82	245792	76.68	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	105349	83.44	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	557671	77.27	ng	0.00
79) Terphenyl-d14	20.06	244	786656	75.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	34473	37.825	ng	94
3) Pyridine	3.91	79	139938m	51.324	ng	
4) n-Nitrosodimethylamine	3.83	42	61190	51.234	ng	# 98
6) Aniline	7.40	93	146754	39.978	ng	98
8) 2-Chlorophenol	7.63	128	96466	41.770	ng	99
9) Benzaldehyde	7.21	77	95913	52.701	ng	98
10) Phenol	7.25	94	132162	43.522	ng	93
11) bis(2-Chloroethyl)ether	7.49	93	100974	40.601	ng	98
12) 1,3-Dichlorobenzene	7.96	146	109043	40.398	ng	96
13) 1,4-Dichlorobenzene	8.11	146	109550	39.226	ng	99
14) 1,2-Dichlorobenzene	8.43	146	104868	40.975	ng	97
15) Benzyl Alcohol	8.31	79	95601	40.459	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	222166	39.274	ng	96
17) 2-Methylphenol	8.51	107	84744	39.832	ng	97
18) Hexachloroethane	9.15	117	40498	40.178	ng	94
19) n-Nitroso-di-n-propylamine	8.88	70	85281	40.631	ng	94
20) 3+4-Methylphenols	8.83	107	119365	39.017	ng	98
22) Acetophenone	8.90	105	155033	40.385	ng	# 94
24) Nitrobenzene	9.29	77	124942	38.366	ng	98
25) Isophorone	9.80	82	213430	37.890	ng	97
26) 2-Nitrophenol	10.00	139	62128	41.174	ng	92
27) 2,4-Dimethylphenol	10.04	122	91577	42.254	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	133838	41.446	ng	98
29) 2,4-Dichlorophenol	10.53	162	103751	41.937	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	115242	39.681	ng	96
31) Naphthalene	10.94	128	305348	40.169	ng	99
32) Benzoic acid	10.20	122	62141	41.142	ng	94
33) 4-Chloroaniline	11.06	127	143209	42.557	ng	98
34) Hexachlorobutadiene	11.20	225	73813	40.626	ng	99
35) Caprolactam	11.85	113	42410	41.453	ng	# 91
36) 4-Chloro-3-methylphenol	12.16	107	126151	45.893	ng	99
37) 2-Methylnaphthalene	12.55	142	280971	51.902	ng	99
38) 1-Methylnaphthalene	12.76	142	277112	53.446	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	141685	40.037	ng	98

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 SSTDC040

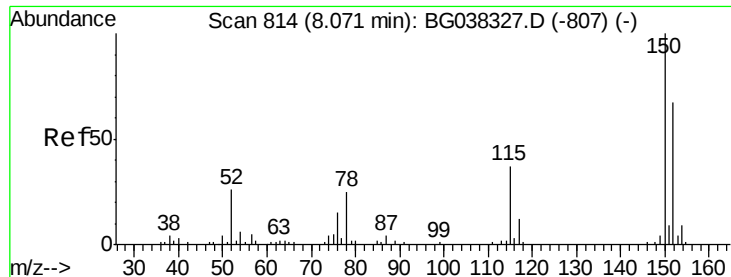
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	80470	41.378	nq	97
43) 2,4,6-Trichlorophenol	13.14	196	91376	39.860	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	97811	40.275	nq	96
46) 1,1'-Biphenyl	13.54	154	332299	38.224	nq	98
47) 2-Chloronaphthalene	13.59	162	253149	38.590	nq	98
48) 2-Nitroaniline	13.80	65	88362	40.150	nq	99
49) Acenaphthylene	14.43	152	390474	39.522	nq	99
50) Dimethylphthalate	14.16	163	325288	39.433	nq	99
51) 2,6-Dinitrotoluene	14.29	165	75036	39.821	nq	98
52) Acenaphthene	14.77	154	231085	38.367	nq	97
53) 3-Nitroaniline	14.63	138	80363	39.599	nq	# 96
54) 2,4-Dinitrophenol	14.83	184	40372	39.084	nq	# 84
55) Dibenzofuran	15.11	168	386216	38.787	nq	97
56) 4-Nitrophenol	14.92	139	61735	38.509	nq	92
57) 2,4-Dinitrotoluene	15.07	165	102573	39.467	nq	95
58) Fluorene	15.76	166	289150	39.416	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85494	40.533	nq	98
60) Diethylphthalate	15.51	149	346029	37.863	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	176619	40.083	nq	99
62) 4-Nitroaniline	15.79	138	80910	40.535	nq	91
63) Azobenzene	16.04	77	309793	38.733	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	66645	42.308	nq	91
66) n-Nitrosodiphenylamine	15.96	169	283404	41.920	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	111510	42.951	nq	97
68) Hexachlorobenzene	16.75	284	114963	42.930	nq	99
69) Atrazine	16.90	200	108428	42.982	nq	99
70) Pentachlorophenol	17.10	266	76620	41.773	nq	94
71) Phenanthrene	17.50	178	486808	40.433	nq	99
72) Anthracene	17.59	178	477521	40.956	nq	100
73) Carbazole	17.86	167	480099	41.488	nq	100
74) Di-n-butylphthalate	18.39	149	547937	40.531	nq	99
75) Fluoranthene	19.50	202	567376	40.335	nq	99
77) Benzidine	19.69	184	297139	39.311	nq	99
78) Pyrene	19.87	202	572745	36.545	nq	100
80) Butylbenzylphthalate	20.74	149	245400	38.931	nq	98
81) Benzo(a)anthracene	21.72	228	535363	38.888	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	211477	39.488	nq	99
83) Chrysene	21.79	228	506034	38.843	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	345055	38.621	nq	98
85) Di-n-octyl phthalate	22.82	149	571749	37.321	nq	97
86) Indeno(1,2,3-cd)pyrene	28.85	276	587706	39.694	nq	99
88) Benzo(b)fluoranthene	23.99	252	583973	43.226	nq	98
89) Benzo(k)fluoranthene	24.06	252	548548	40.768	nq	98
90) Benzo(a)pyrene	24.89	252	501374	38.260	nq	# 97
91) Dibenzo(a,h)anthracene	28.91	278	490272	39.446	nq	97
92) Benzo(g,h,i)perylene	30.04	276	482560	39.133	nq	97

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



#1

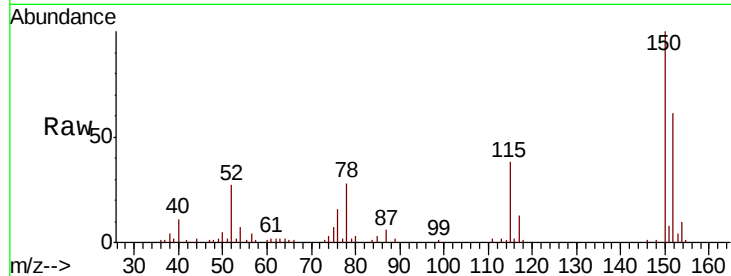
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.1	126.0	189.0
115	62.6	45.5	68.3

Manual Integrations
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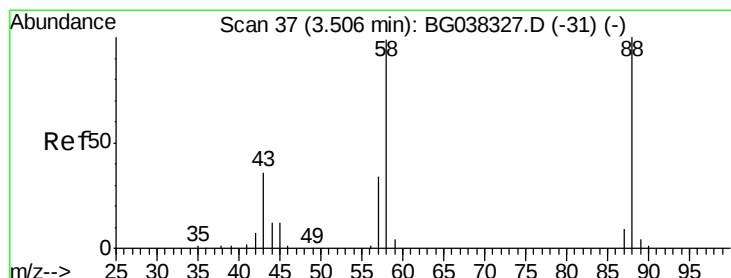
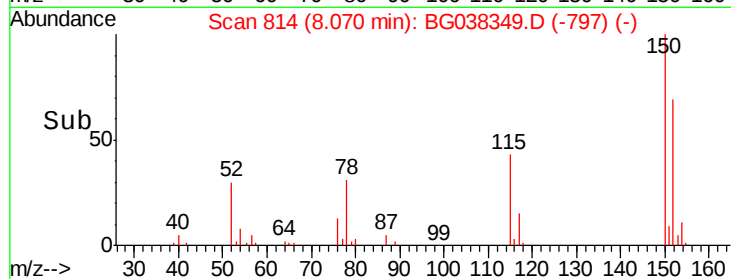
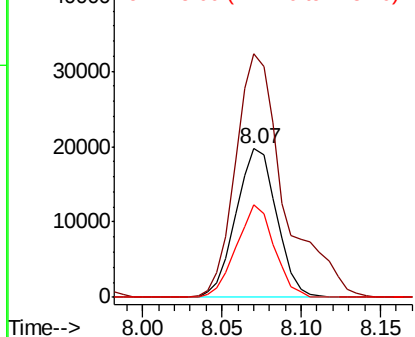


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

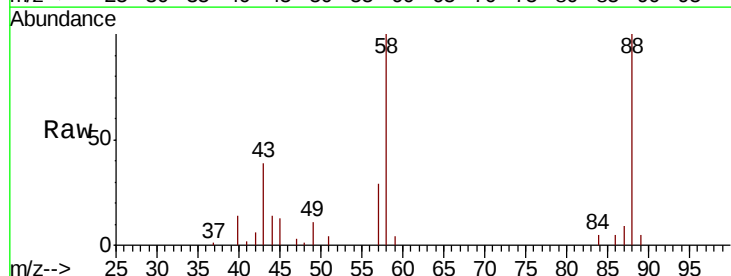
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.825 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.1	74.4	111.6
43	36.9	25.8	38.8

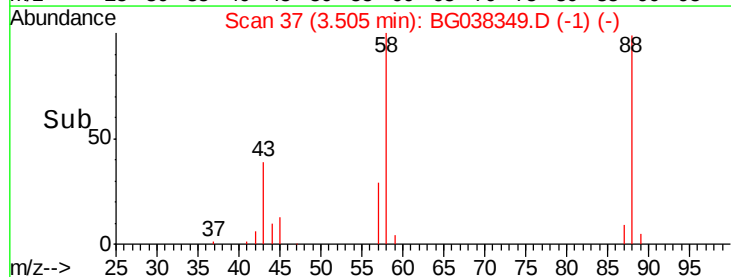
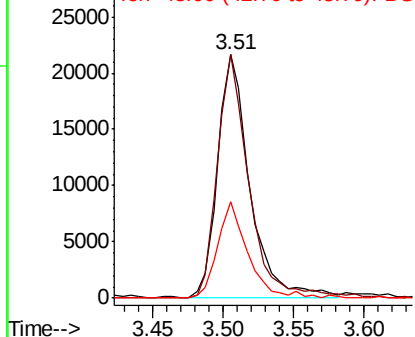


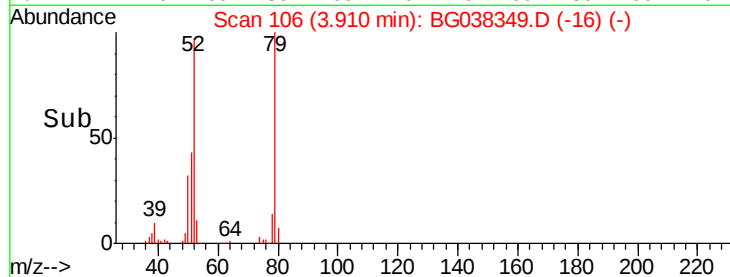
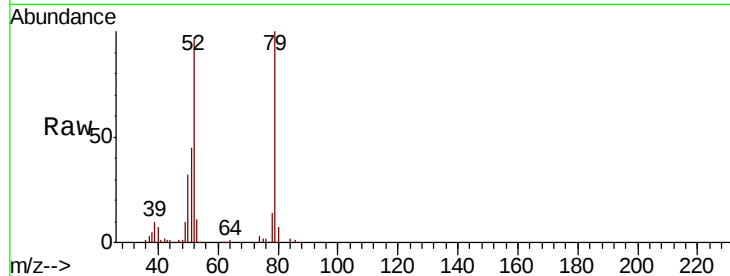
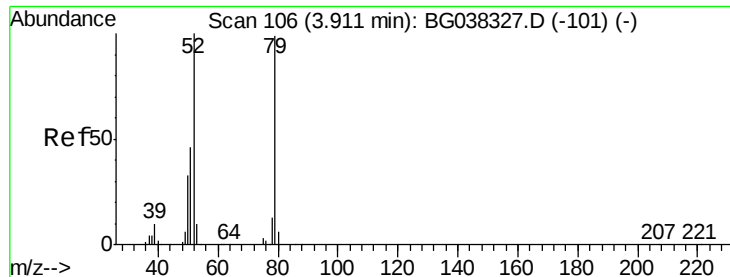
Abundance

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: 51.324 ng/ml

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tot Ion:	79	Resp:	139938
Ion Ratio	Lower	Upper	
79	100		
52	96.8	74.2	111.2
51	44.7	34.6	51.8

Instrument :

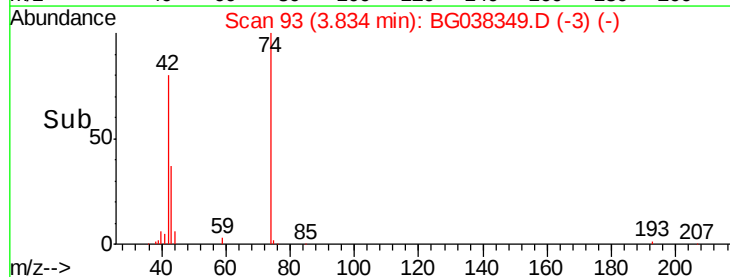
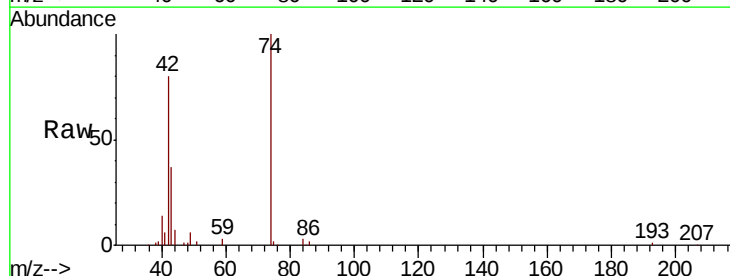
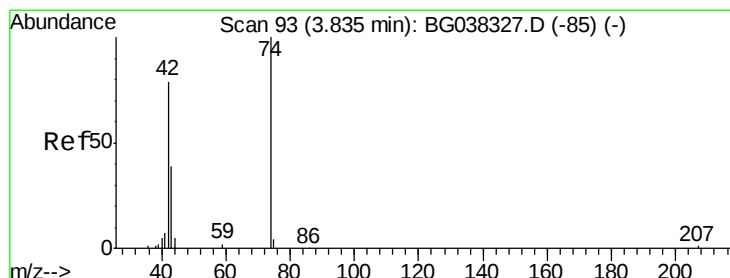
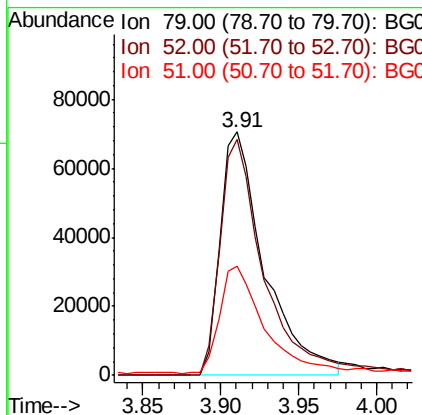
BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 51.234 ng/ml

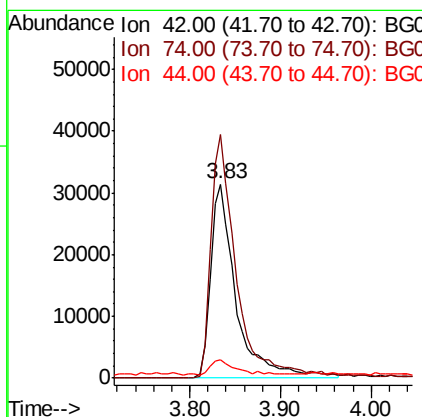
RT: 3.83 min Scan# 93

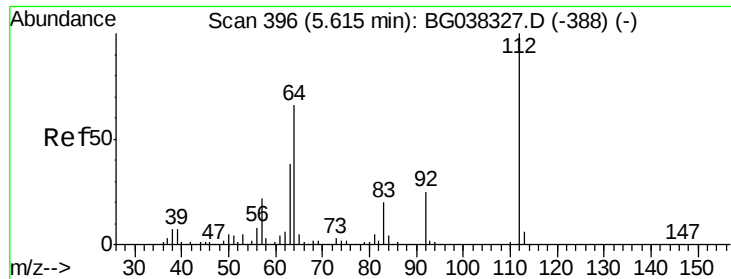
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	42	Resp:	61190
Ion Ratio	Lower	Upper	
42	100		
74	125.3	102.0	153.0
44	9.4	9.6	14.4#





#5

2-Fluorophenol

Concen: 82.098 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

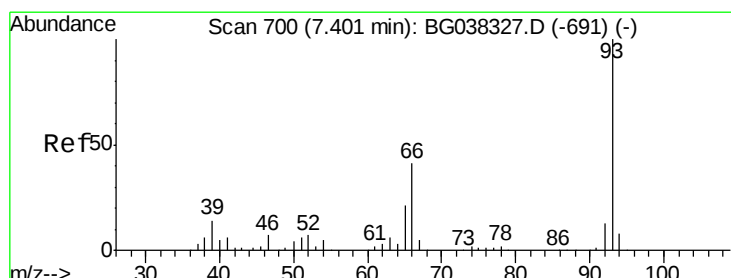
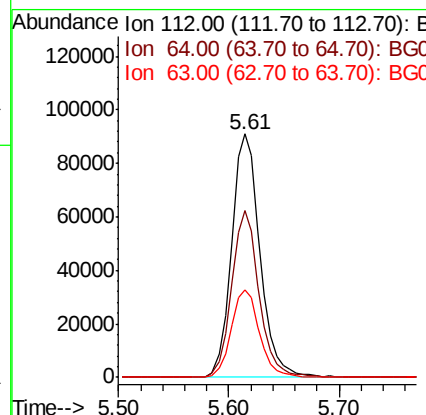
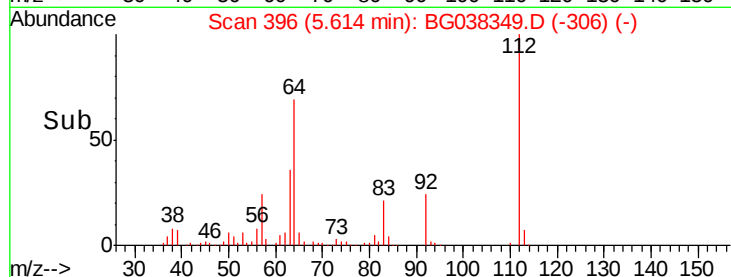
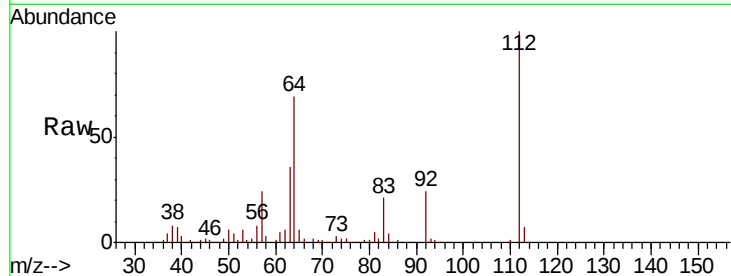
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	163254
Ion Ratio	Lower	Upper	
112	100		
64	68.7	53.1	79.7
63	36.0	27.3	40.9

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#6

Aniline

Concen: 39.978 ng

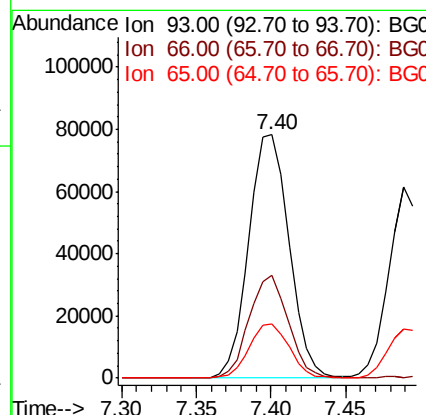
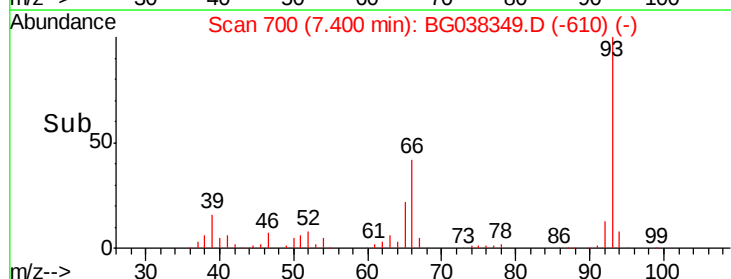
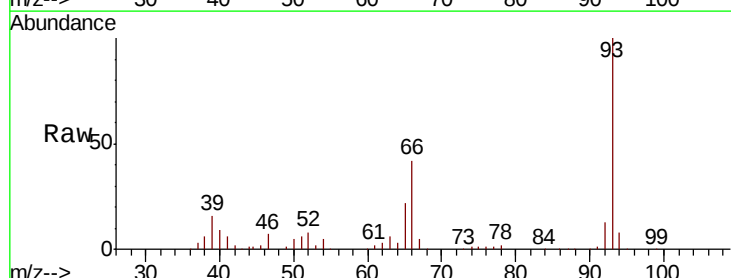
RT: 7.40 min Scan# 700

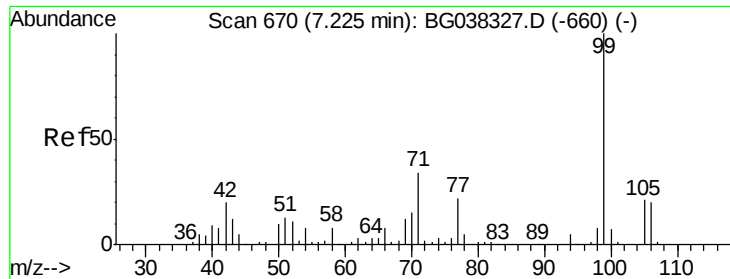
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	93	Resp:	146754
Ion Ratio	Lower	Upper	
93	100		
66	42.0	32.8	49.2
65	22.4	16.4	24.6





#7

Phenol-d6

Concen: 104.135 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

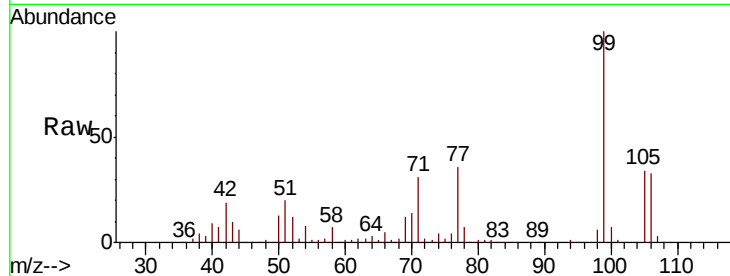
ClientSampleId :

SSTDCCC040

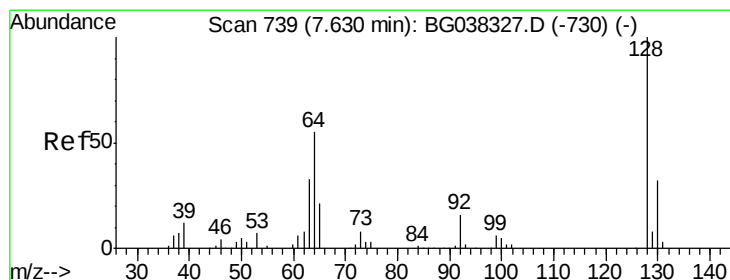
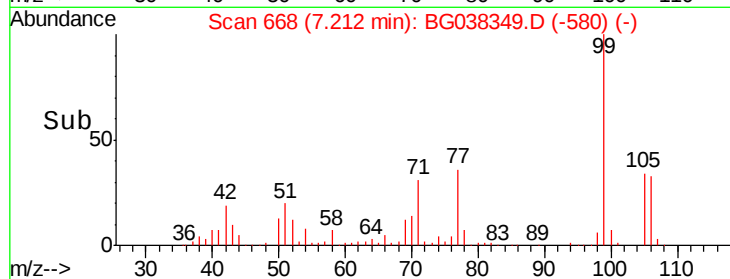
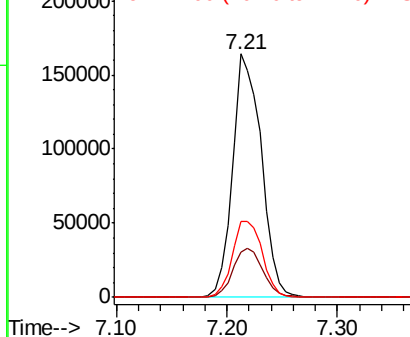
Tot Ion:	99	Resp:	299296
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.0	22.4
71	31.0	25.5	38.3

Manual Integrations
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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: 41.770 ng

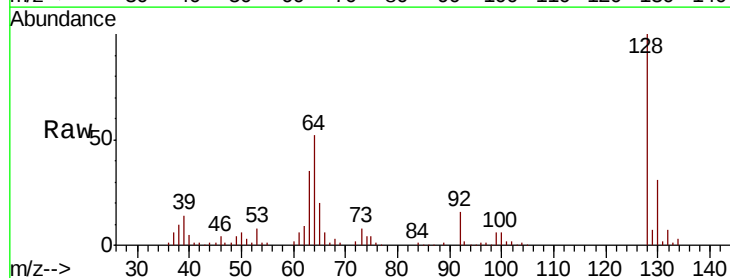
RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

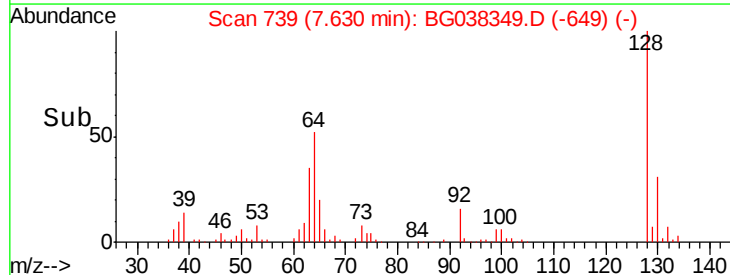
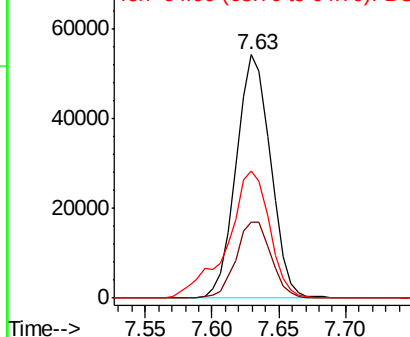
Lab File: BG038349.D

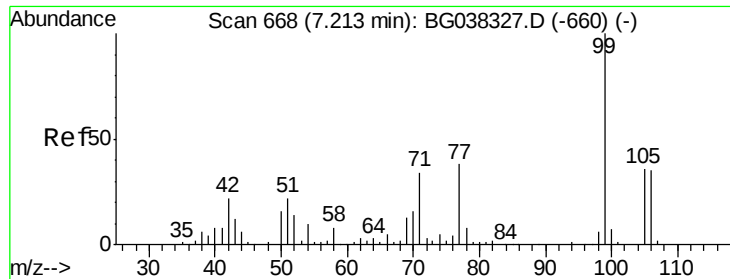
Acq: 5 Dec 2018 7:45

Tgt Ion:	128	Resp:	96466
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.0	52.0
64	52.4	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: 52.701 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

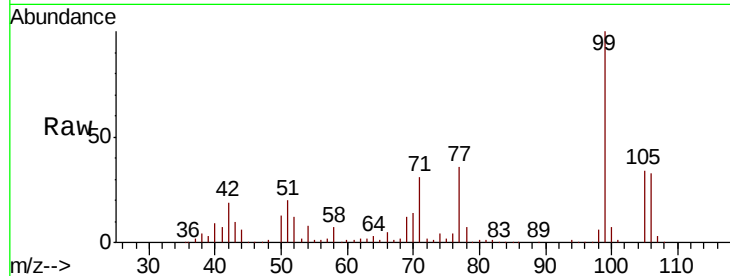
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.3	72.6	112.6
106	93.1	71.3	111.3

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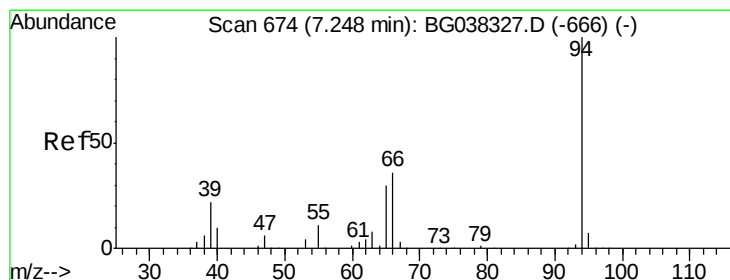
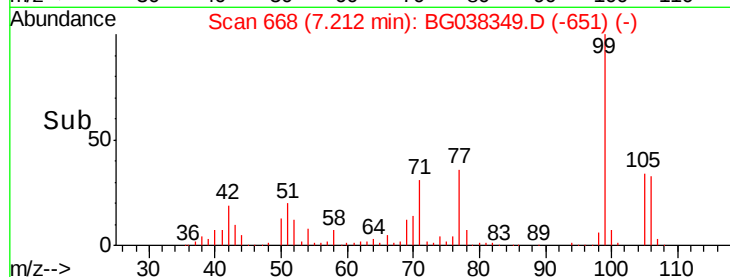
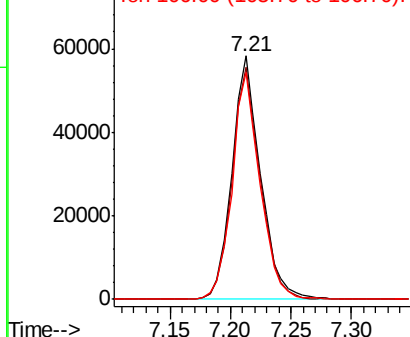


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.522 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

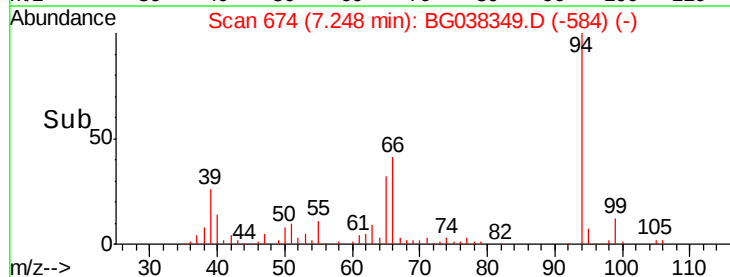
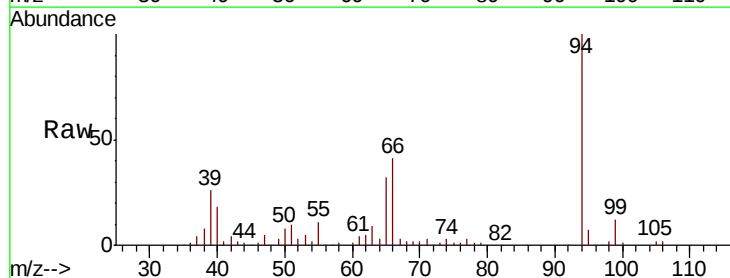
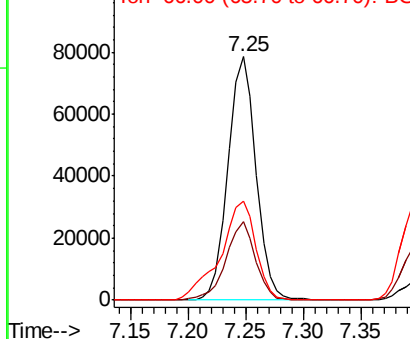
Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	9.7	49.7
66	40.8	15.9	55.9

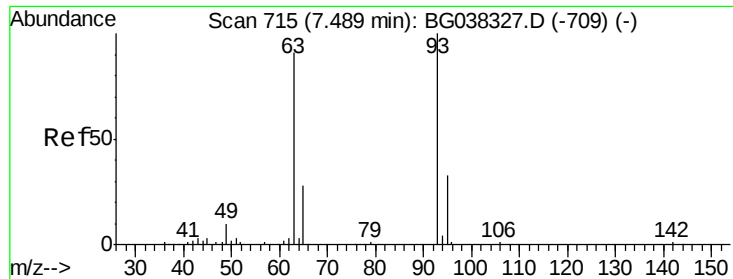
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

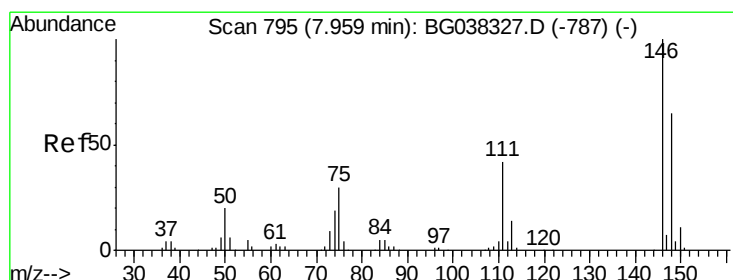
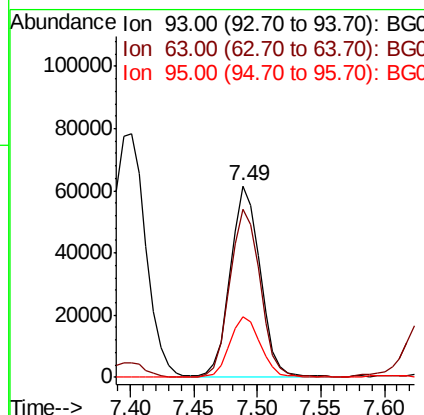
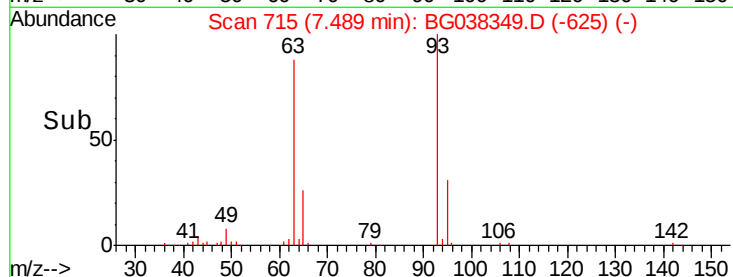
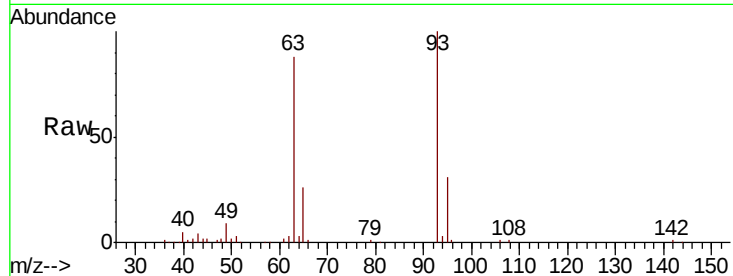
bis(2-Chloroethyl)ether
Concen: 40.601 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.5	109.5
95	31.4	12.6	52.6

Manual Integrations
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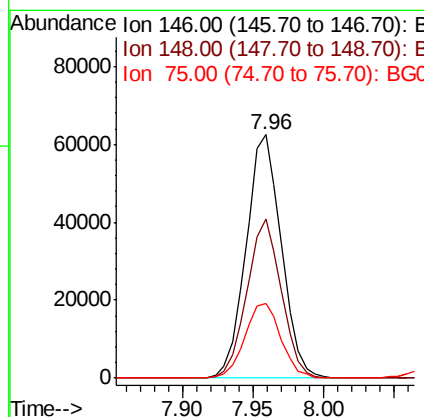
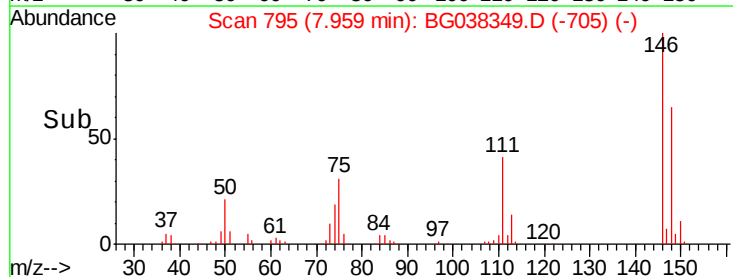
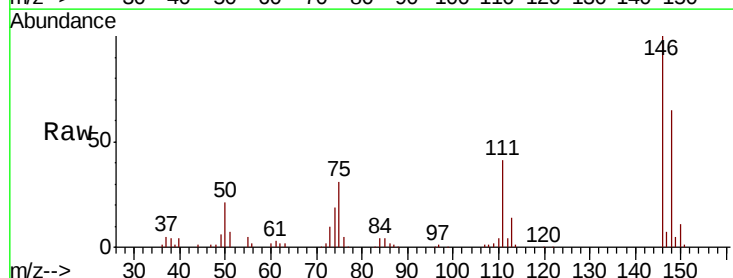
mohammad
12/6/2018 10:33:20 AM

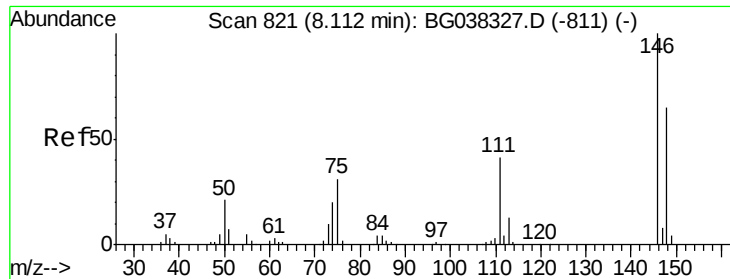


#12

1,3-Dichlorobenzene
Concen: 40.398 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.8	74.8
75	30.9	23.2	34.8





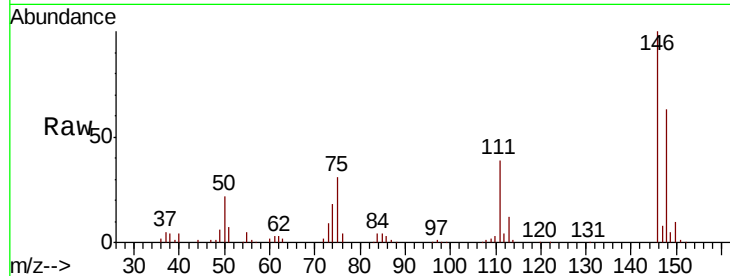
#13
 1,4-Dichlorobenzene
 Concen: 39.226 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
111	38.7	32.4	48.6

Manual Integrations
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 12/6/2018 10:33:20 AM

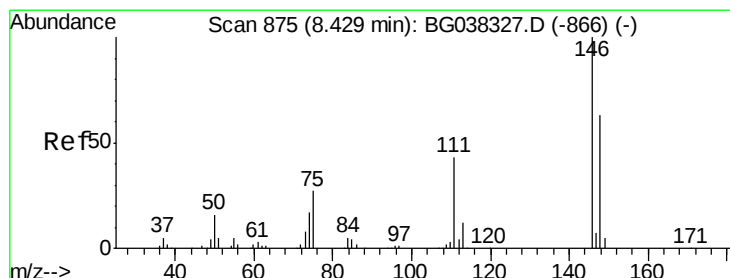
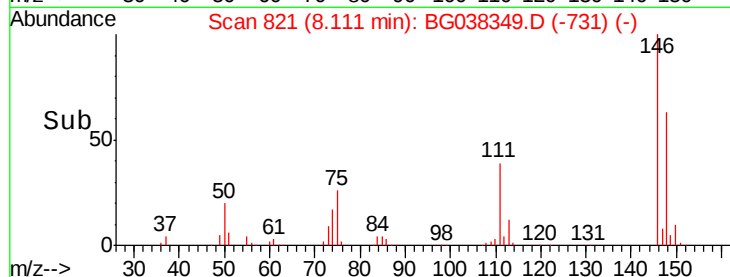
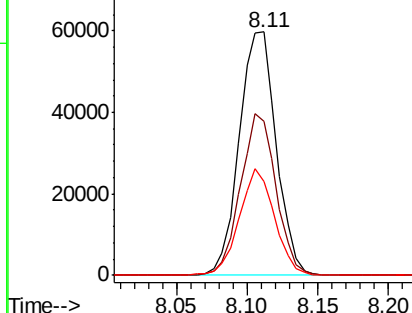


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.975 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

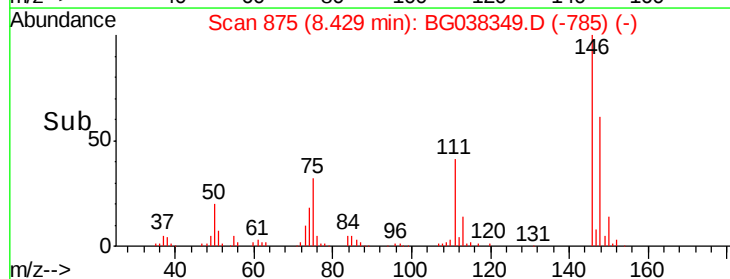
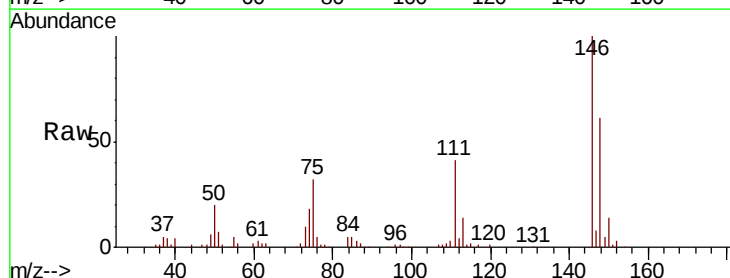
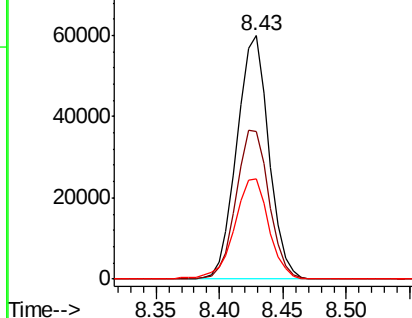
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.7	50.4	75.6
111	41.4	34.6	51.8

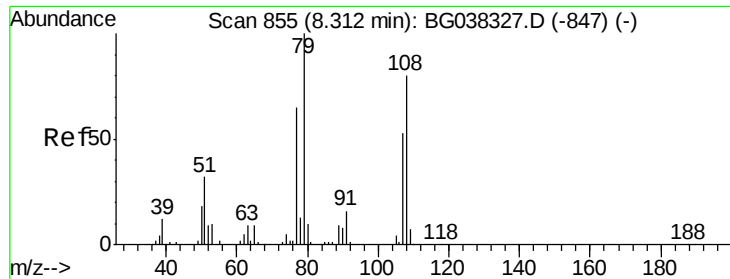
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





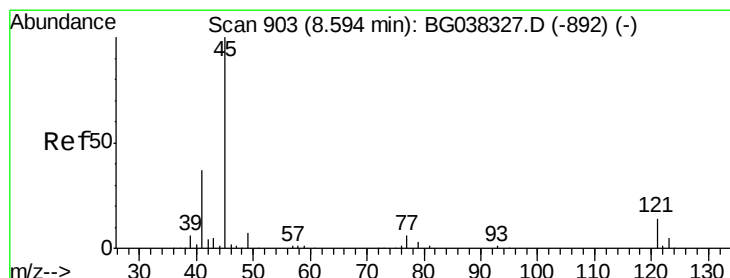
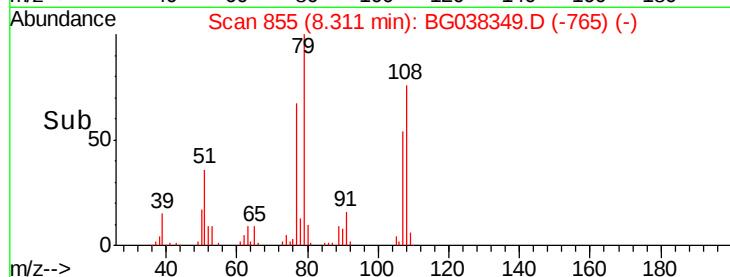
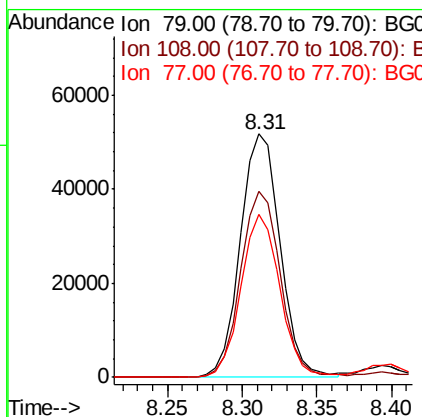
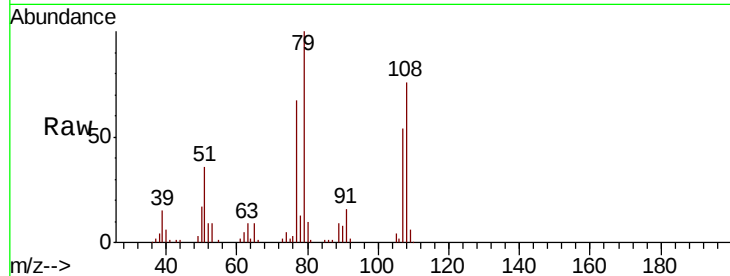
#15
Benzyl Alcohol
Concen: 40.459 ng
RT: 8.31 min Scan# 855
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	65.8	98.8
77	67.1	52.9	79.3

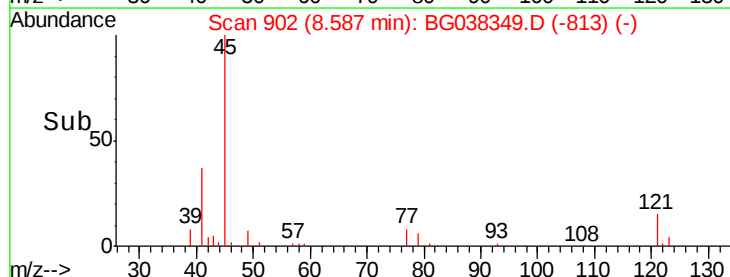
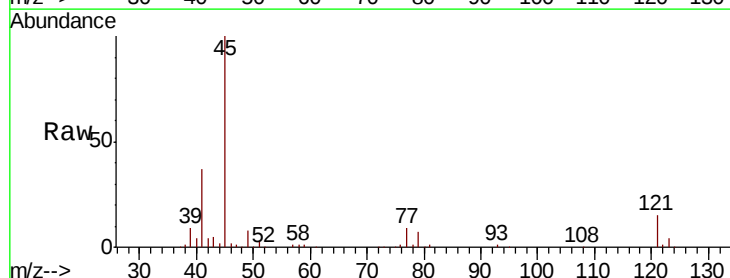
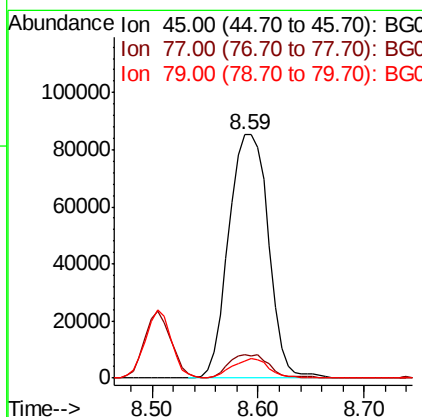
Manual Integrations
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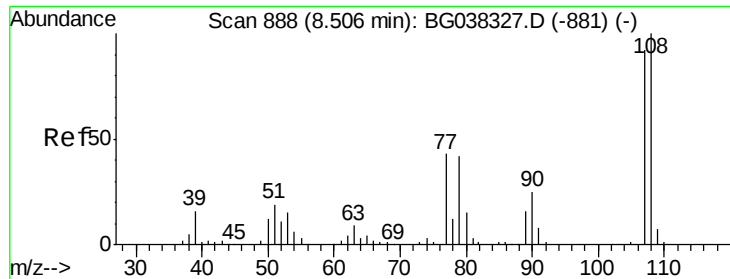
mohammad
12/6/2018 10:33:20 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.274 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	30.0
79	6.9	0.0	29.0





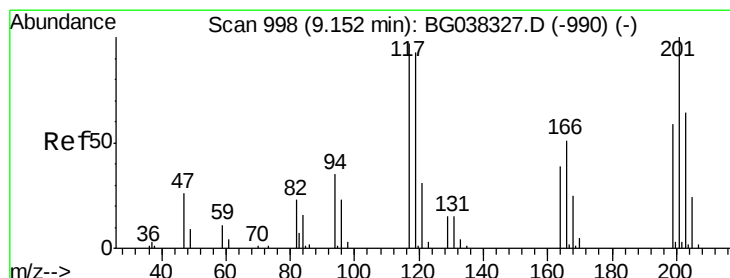
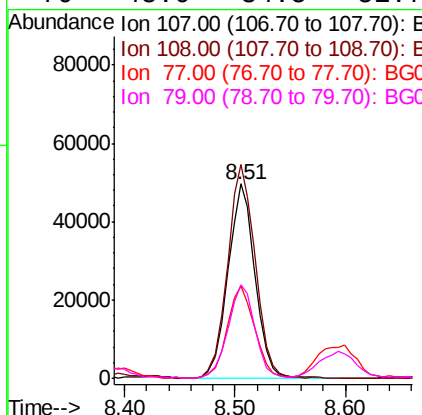
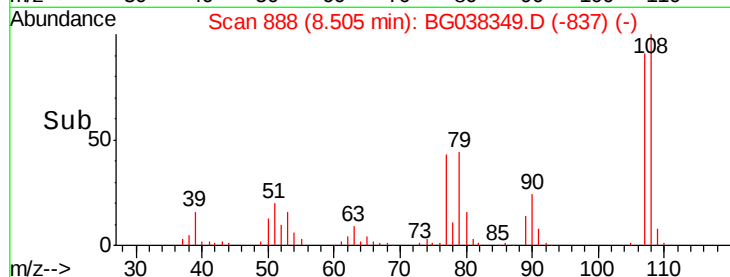
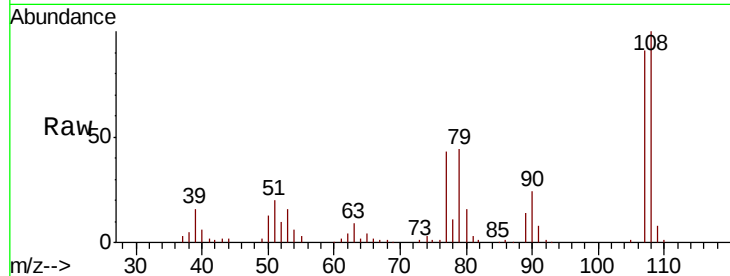
#17
2-Methylphenol
Concen: 39.832 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	84744
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.9	131.9
77	47.6	35.1	52.7
79	48.0	34.5	51.7

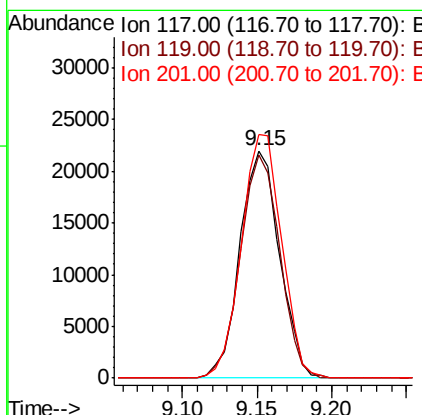
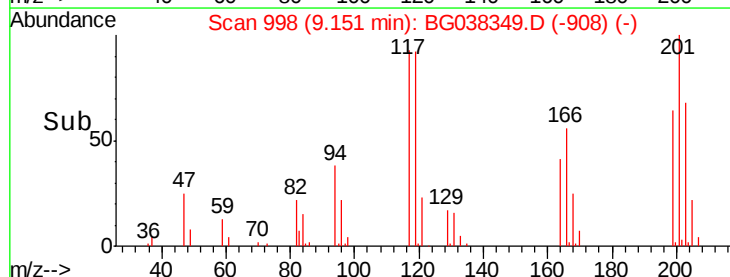
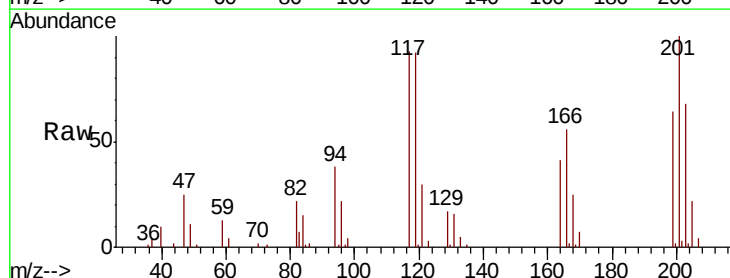
Manual Integrations
APPROVED

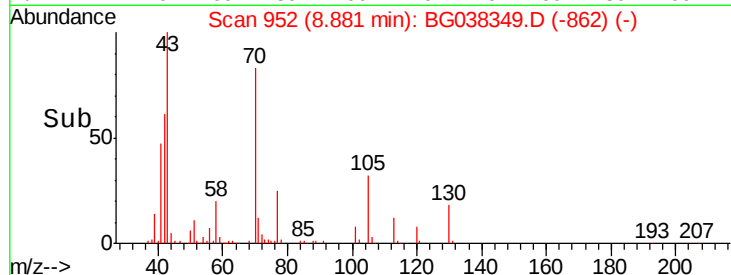
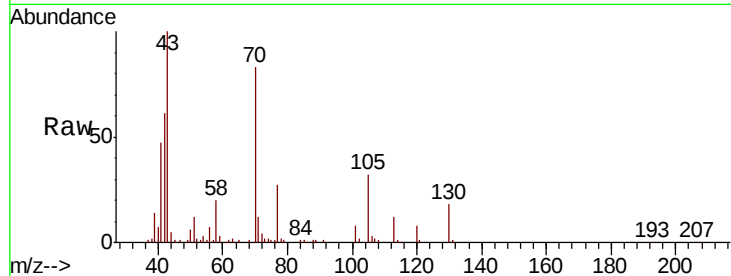
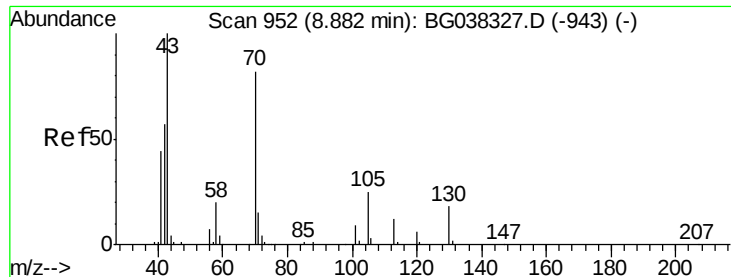
mohammad
12/6/2018 10:33:20 AM



#18
Hexachloroethane
Concen: 40.178 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:	117	Resp:	40498
Ion	Ratio	Lower	Upper
117	100		
119	98.0	74.6	111.8
201	107.1	80.8	121.2





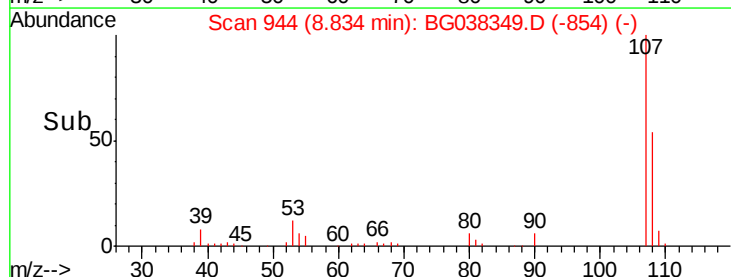
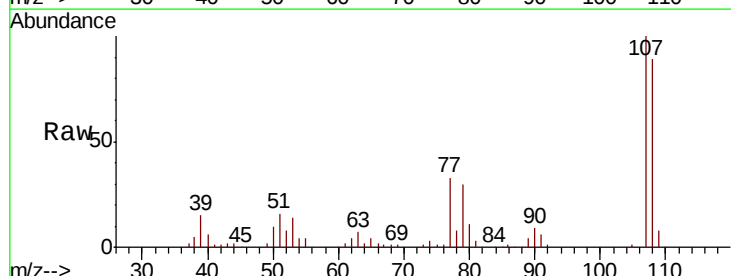
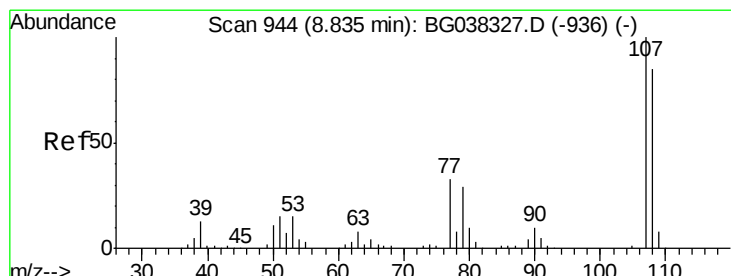
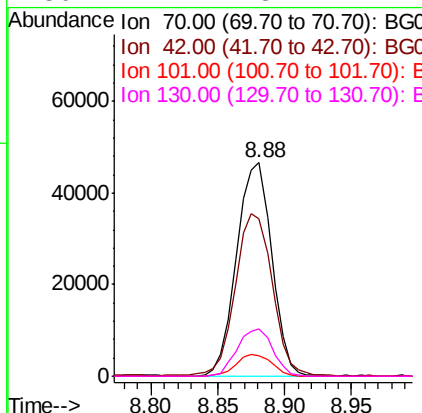
#19
n-Nitroso-di-n-propylamine
Concen: 40.631 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.0	53.9	80.9	
101	9.8	8.2	12.2	
130	22.1	18.2	27.4	

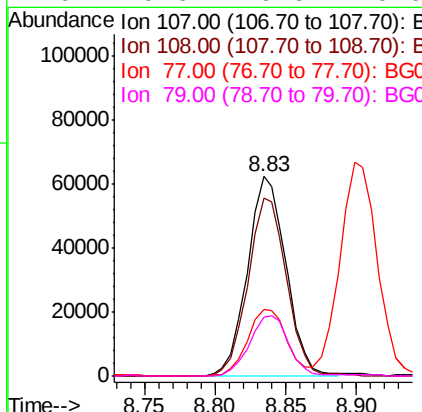
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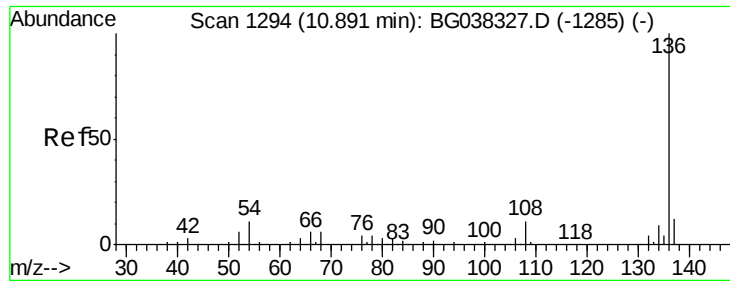
mohammad
12/6/2018 10:33:20 AM



#20
3+4-Methylphenols
Concen: 39.017 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	69.9	109.9	
77	33.1	11.2	51.2	
79	29.6	6.6	46.6	





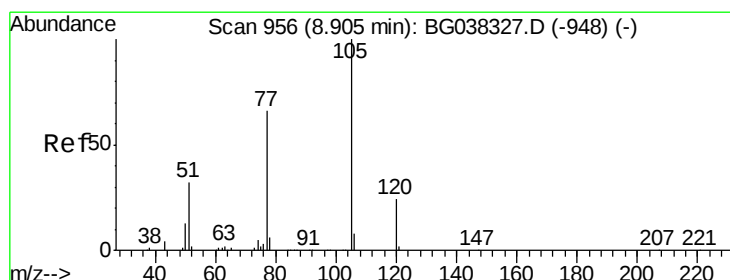
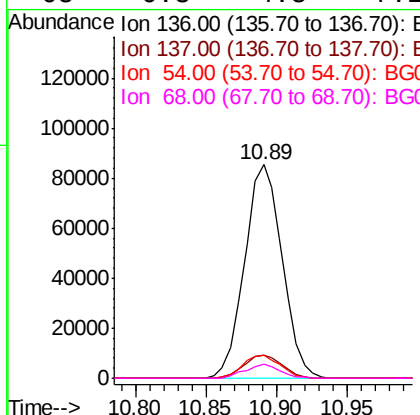
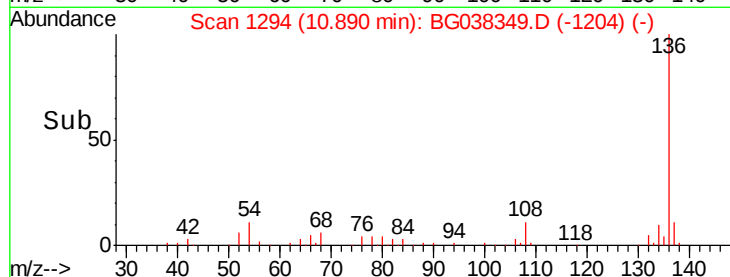
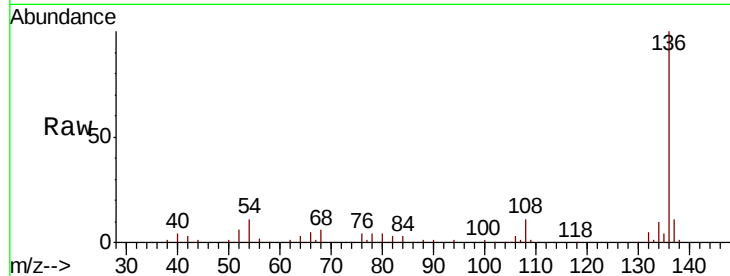
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.6	14.4	
54	11.1	7.9	11.9	
68	6.3	4.8	7.2	

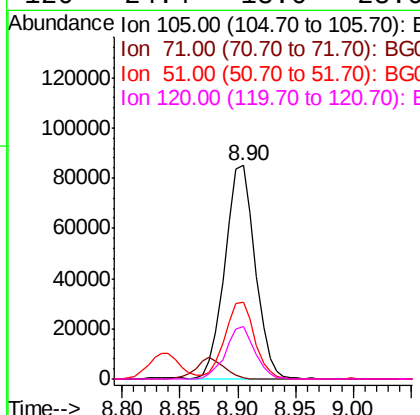
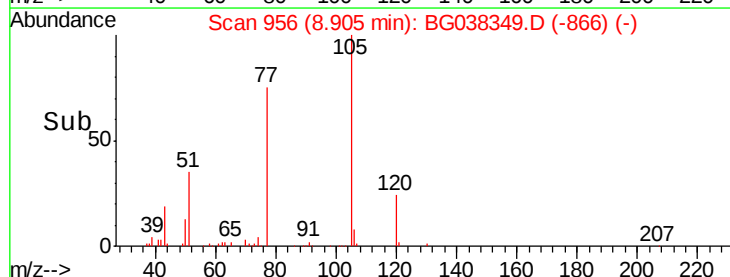
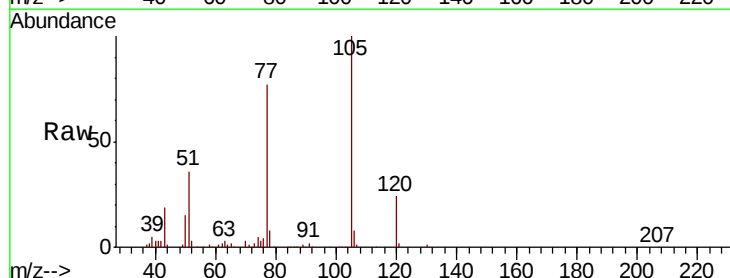
Manual Integrations
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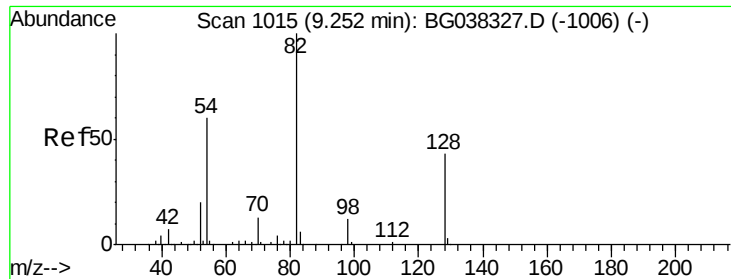
mohammad
12/6/2018 10:33:20 AM



#22
Acetophenone
Concen: 40.385 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	1.2	1.8#	
51	35.8	25.0	37.6	
120	24.4	18.6	28.0	





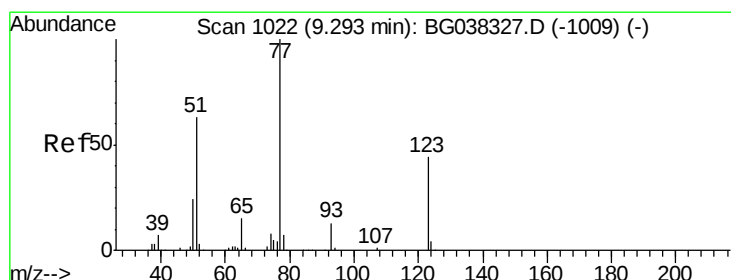
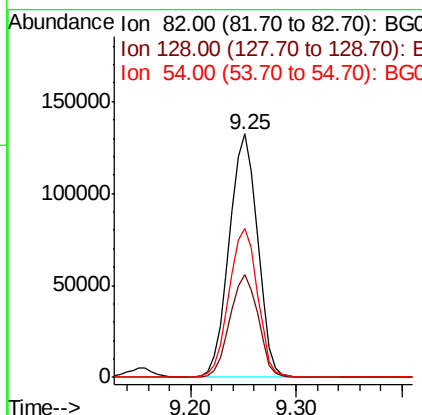
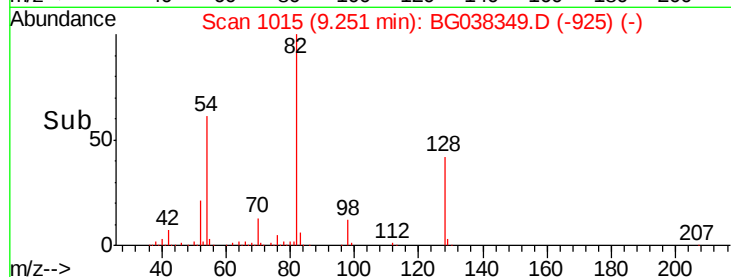
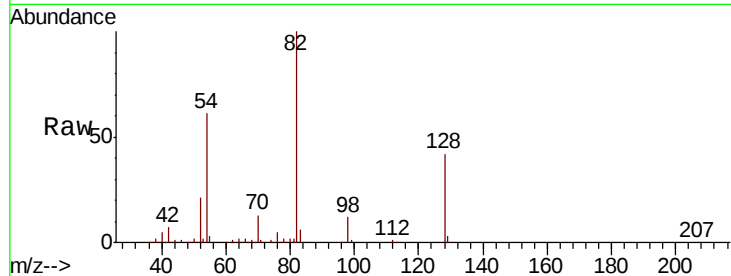
#23
Nitrobenzene-d5
Concen: 76.683 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	245792		
128	42.1	34.6	51.8	
54	61.2	45.3	67.9	

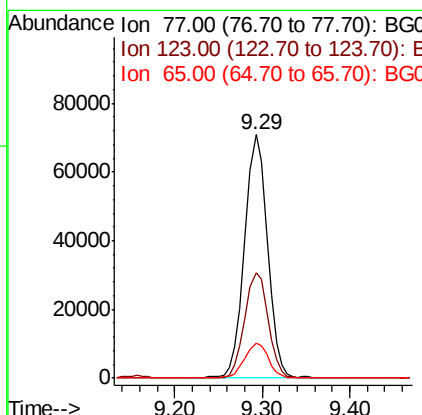
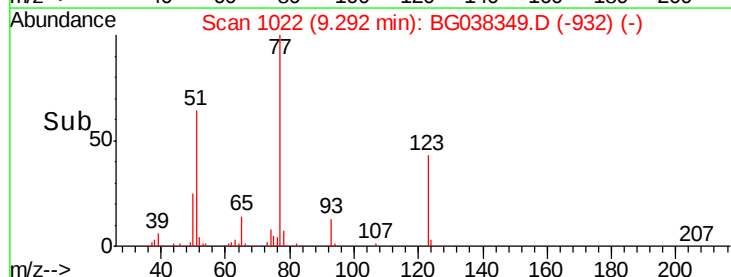
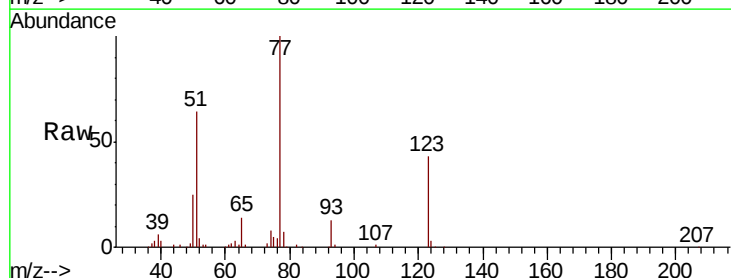
Manual Integrations
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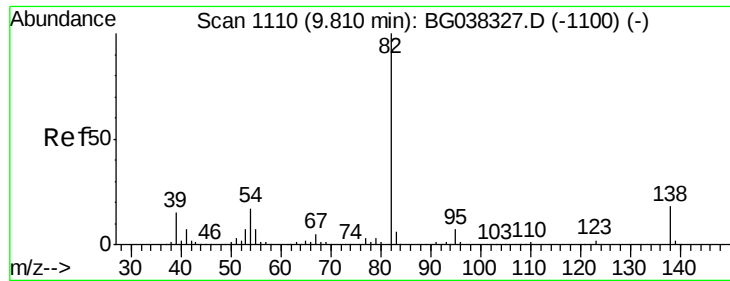
mohammad
12/6/2018 10:33:20 AM



#24
Nitrobenzene
Concen: 38.366 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	124942		
123	43.3	33.6	50.4	
65	14.3	11.3	16.9	





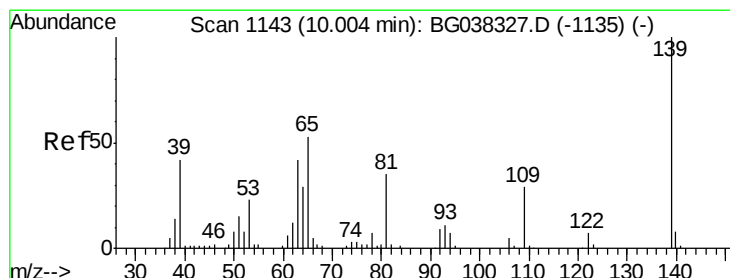
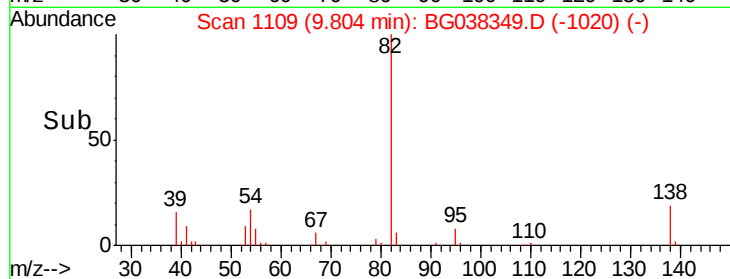
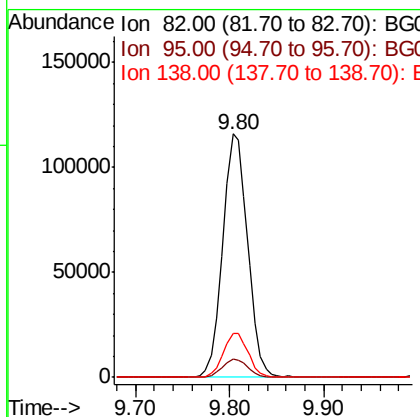
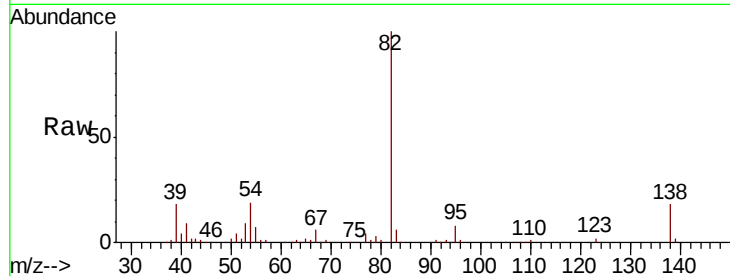
#25
Isophorone
Concen: 37.890 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.3	7.9
138	18.1	13.3	19.9

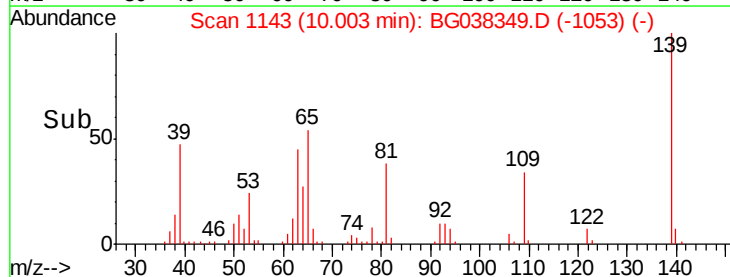
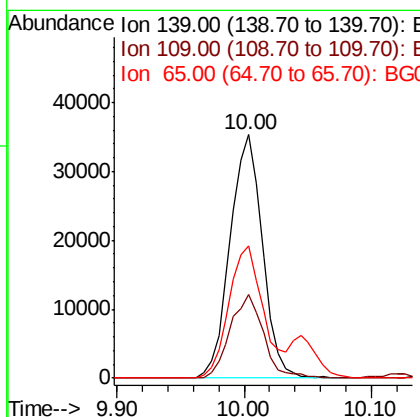
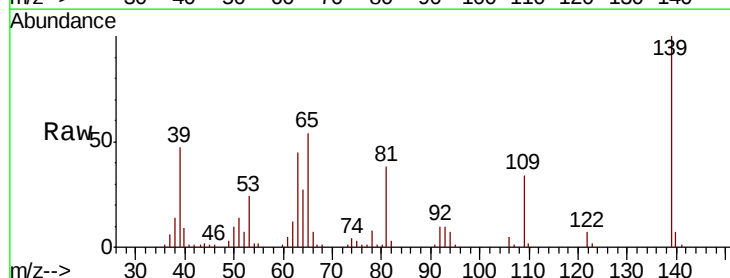
Manual Integrations
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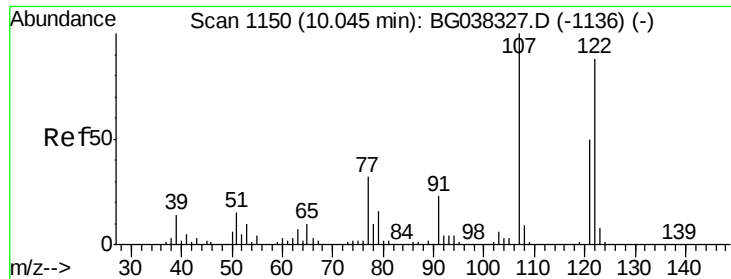
mohammad
12/6/2018 10:33:20 AM



#26
2-Nitrophenol
Concen: 41.174 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.2	23.3	34.9
65	54.4	39.8	59.8





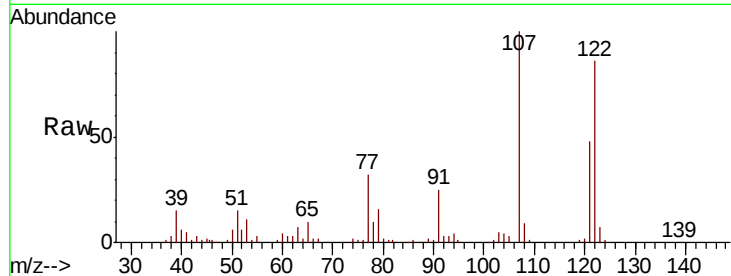
#27
2,4-Dimethylphenol
Concen: 42.254 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	94.2	141.2
121	56.3	47.3	70.9

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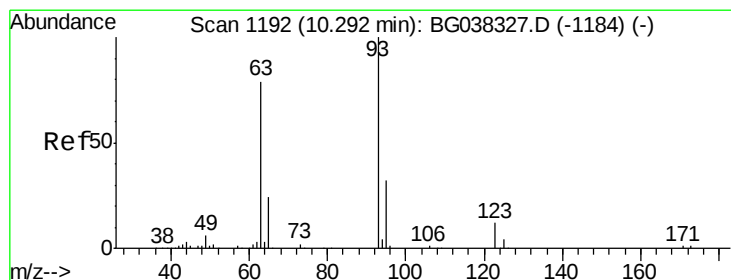
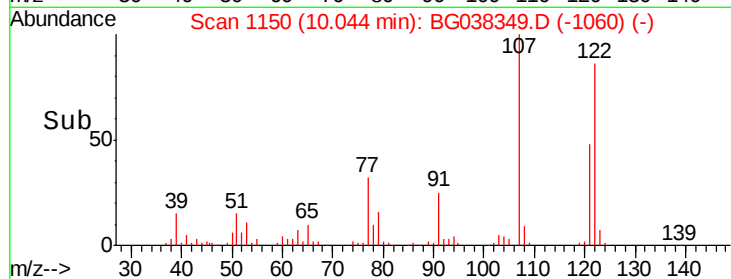
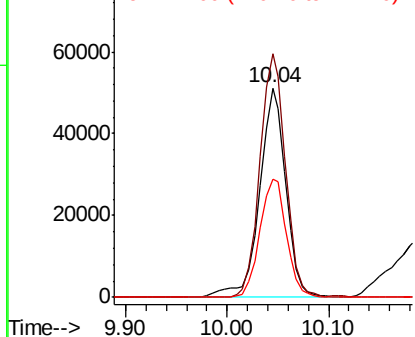


Abundance

Ion 122.00 (121.70 to 122.70): E

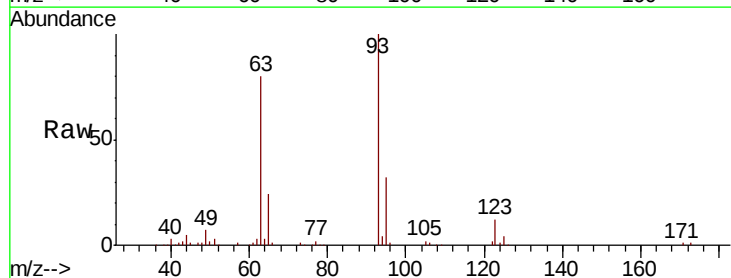
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.446 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.6	37.0
123	12.1	9.1	13.7

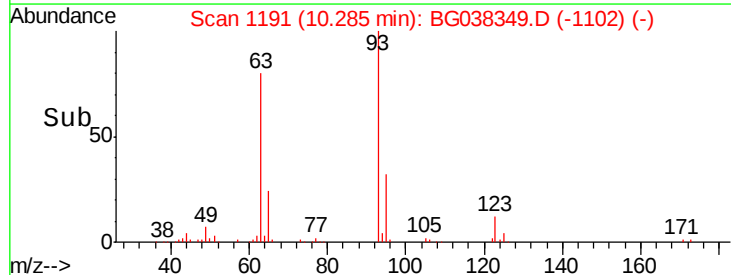
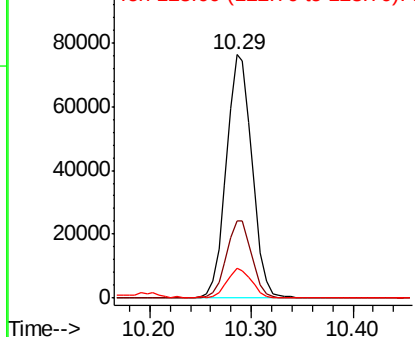


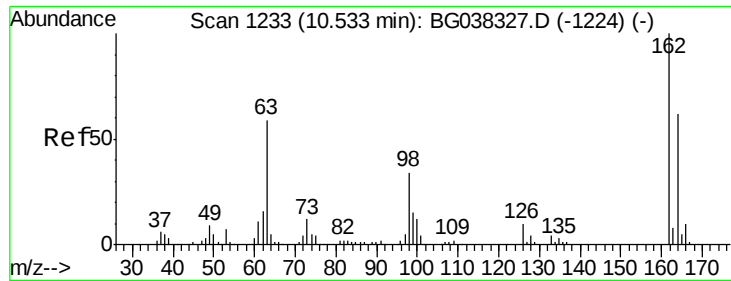
Abundance

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





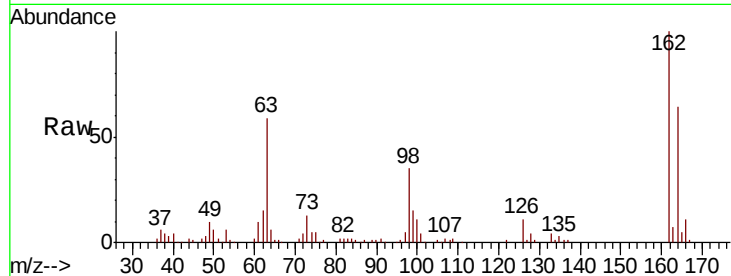
#29
 2,4-Dichlorophenol
 Concen: 41.937 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	43.2	83.2
98	34.6	16.0	56.0

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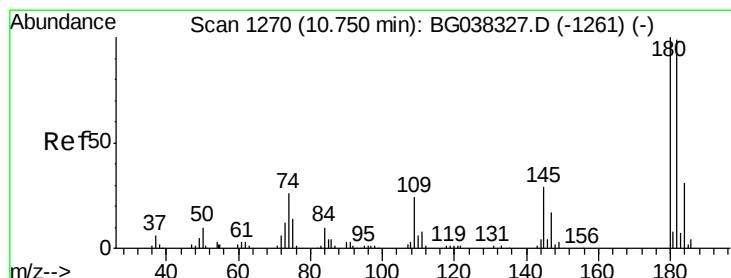
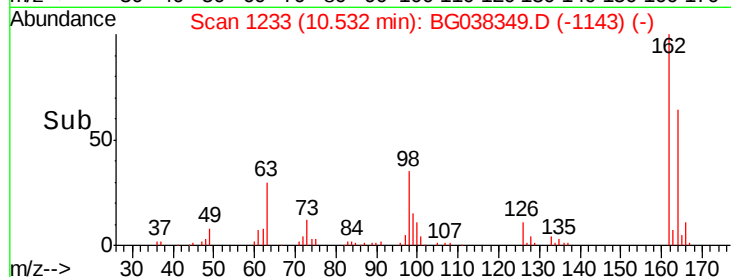
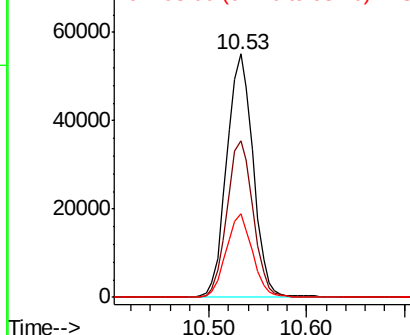


Abundance

Ion 162.00 (161.70 to 162.70): E

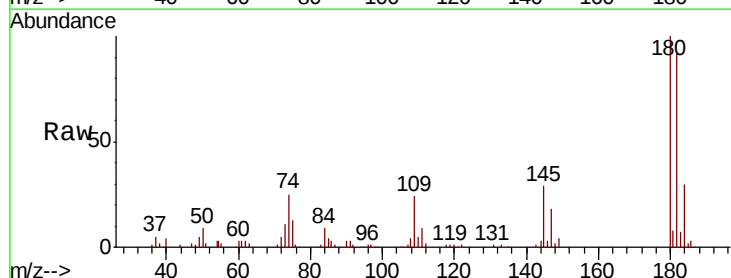
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.681 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.6	77.7	116.5
145	29.5	23.3	34.9

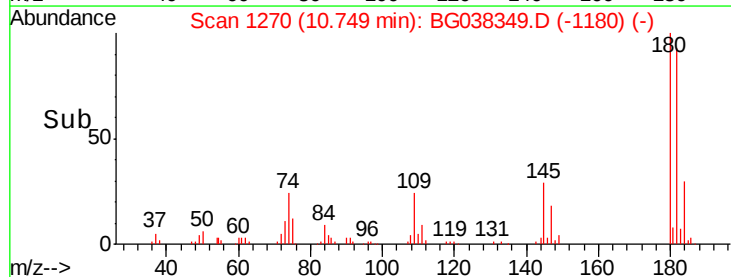
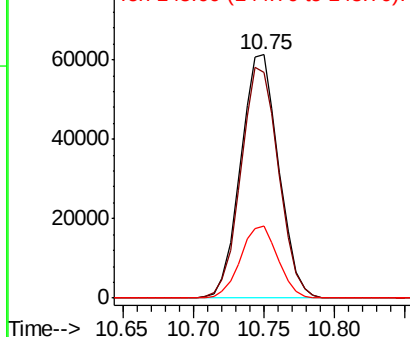


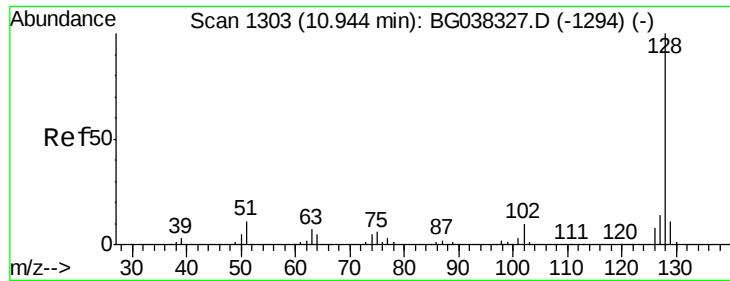
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





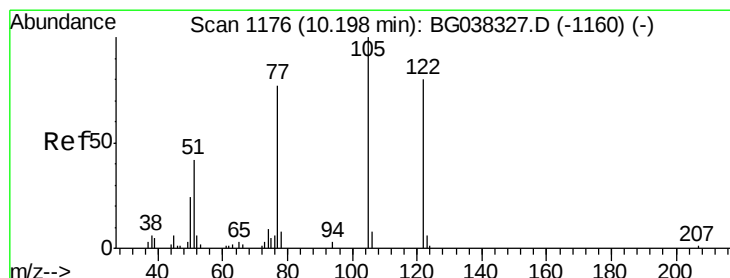
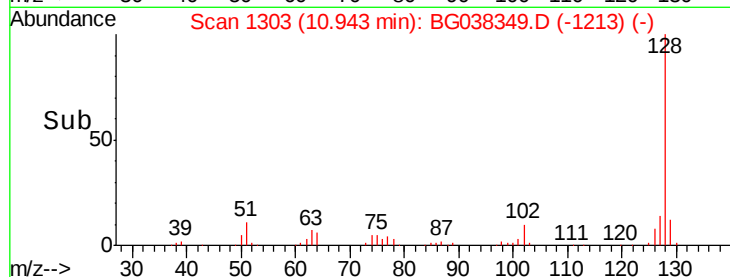
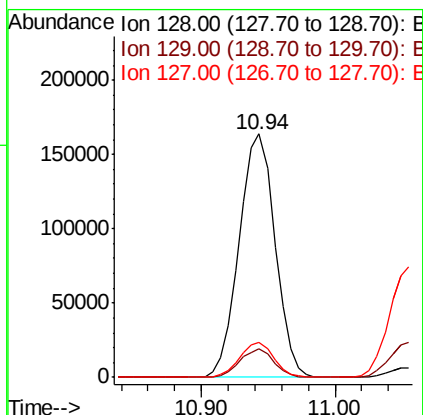
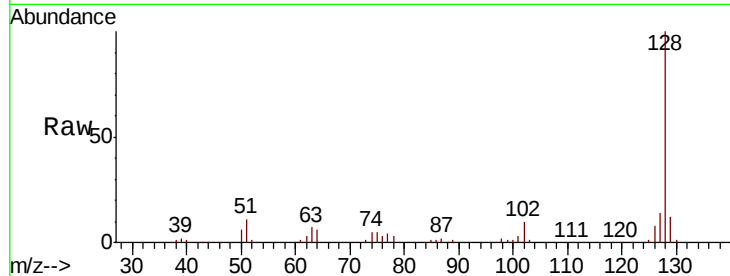
#31
Naphthalene
Concen: 40.169 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	14.2	11.1	16.7

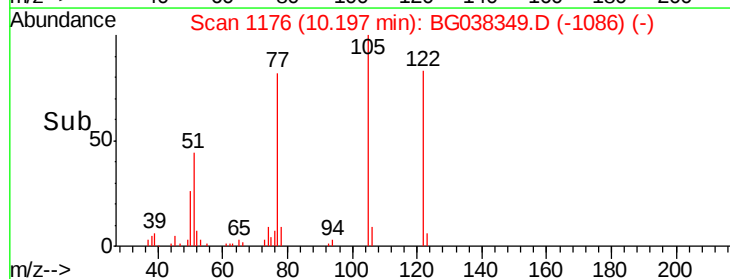
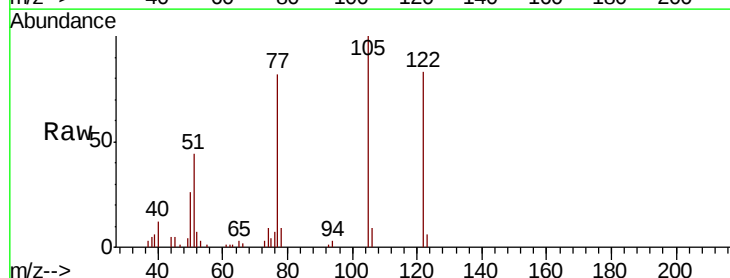
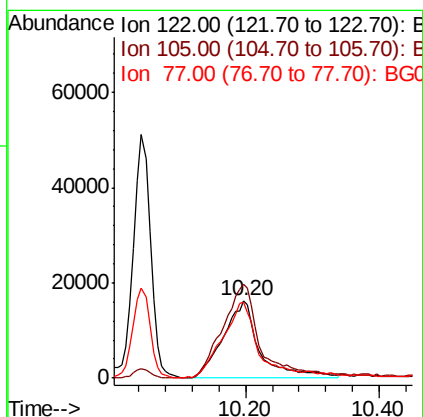
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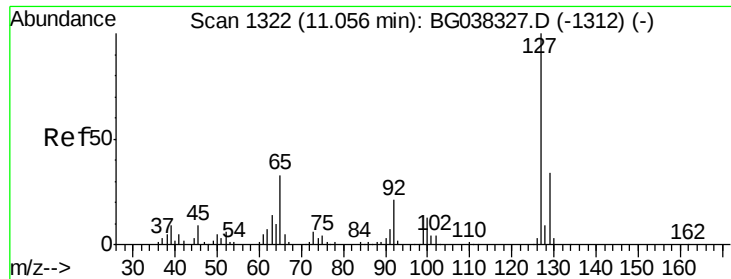
mohammad
12/6/2018 10:33:20 AM



#32
Benzoic acid
Concen: 41.142 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	106.7	146.7
77	98.4	72.2	112.2





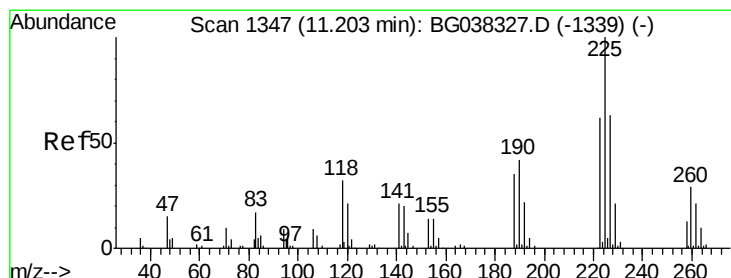
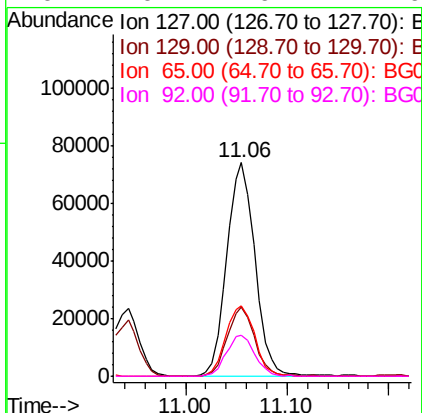
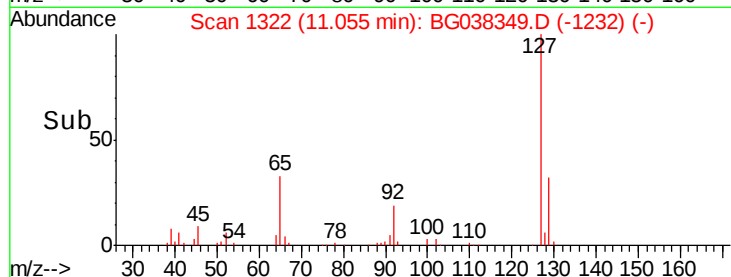
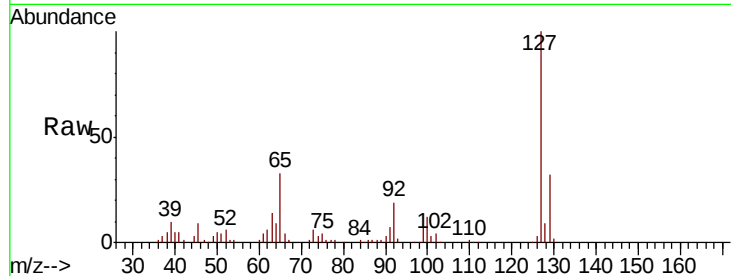
#33
4-Chloroaniline
Concen: 42.557 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.1	40.7
65	33.2	26.6	39.8
92	19.4	16.4	24.6

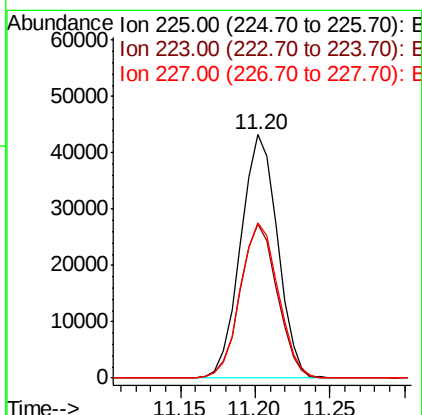
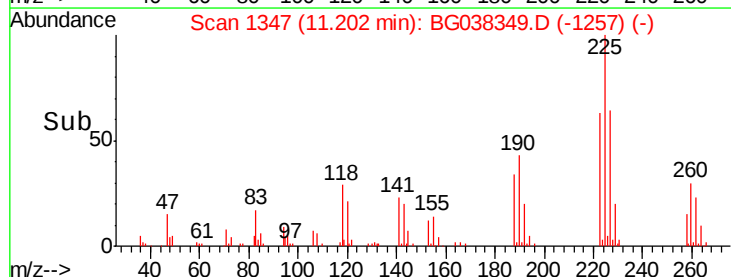
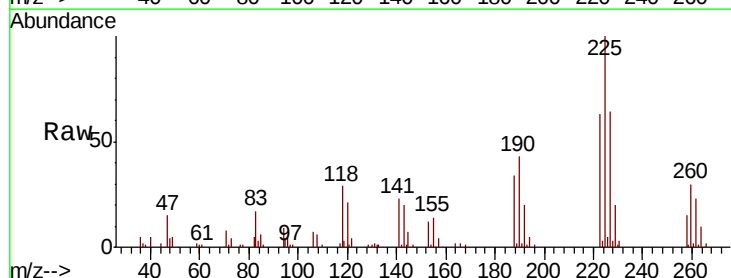
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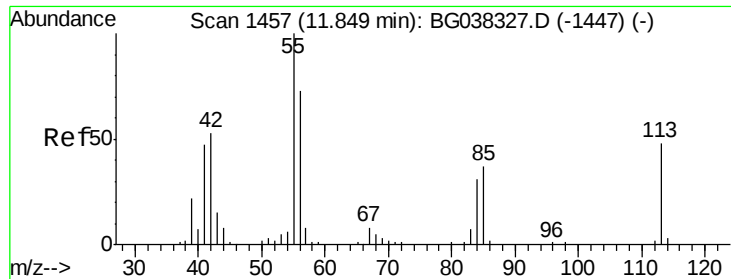
mohammad
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#34
Hexachlorobutadiene
Concen: 40.626 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	48.2	72.4
227	63.0	51.6	77.4





#35

Caprolactam

Concen: 41.453 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 42410

Ion Ratio Lower Upper

113 100

55 216.6 176.6 216.6#

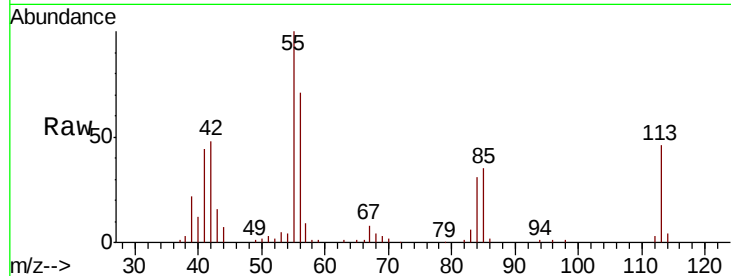
56 153.4 128.3 168.3

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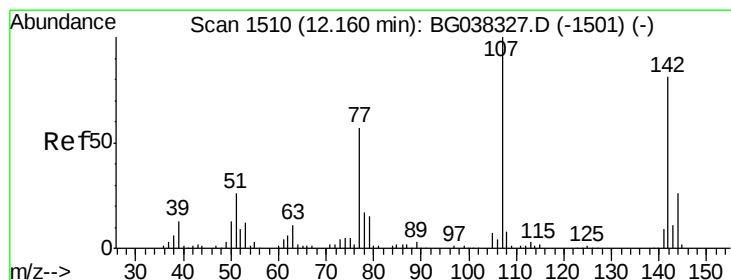
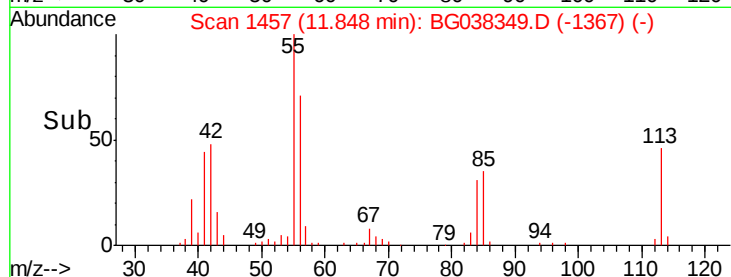
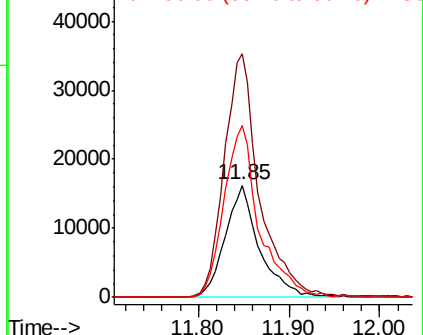
12/6/2018 10:33:20 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038327.D (-1447) (-)

Ion 56.00 (55.70 to 56.70): BG038327.D (-1447) (-)



#36

4-Chloro-3-methylphenol

Concen: 45.893 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

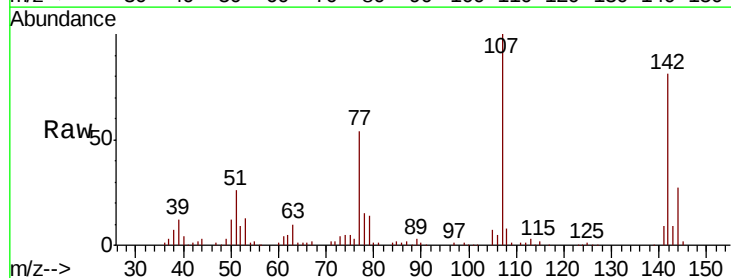
Tgt Ion:107 Resp: 126151

Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

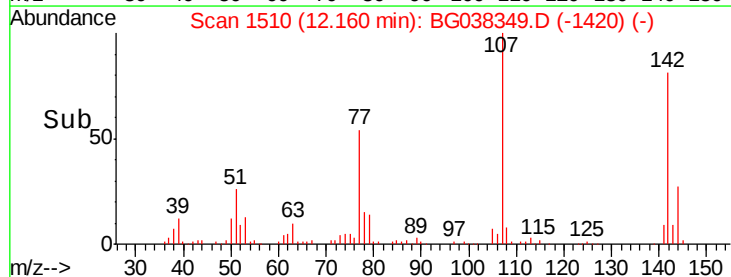
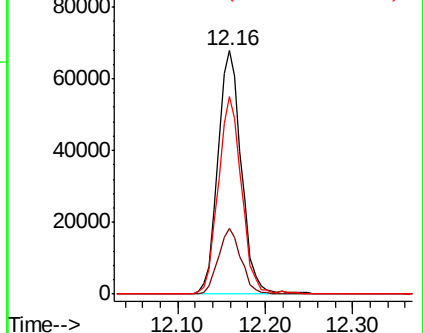
142 80.9 64.4 96.6

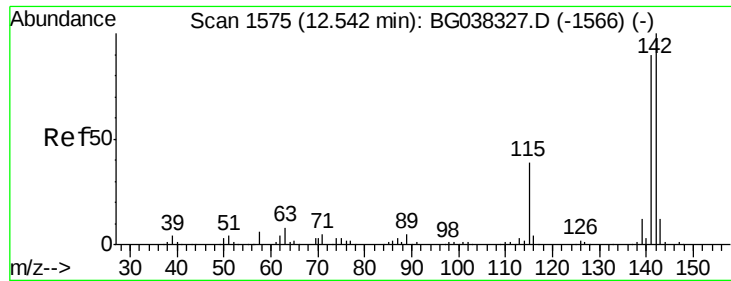


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





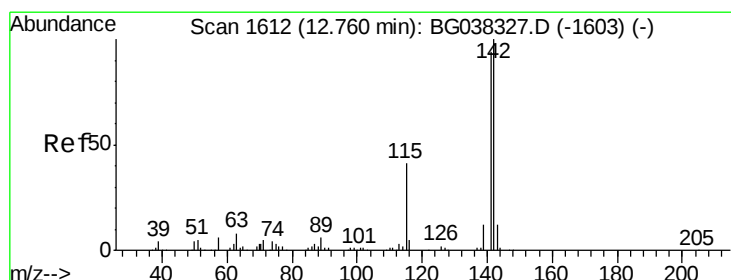
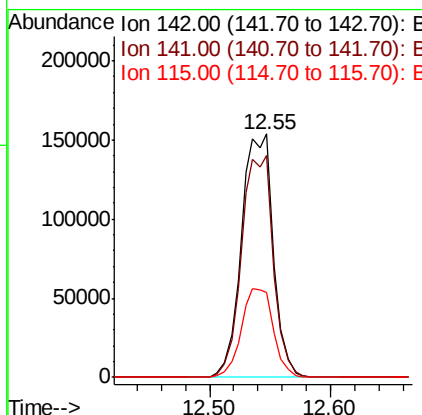
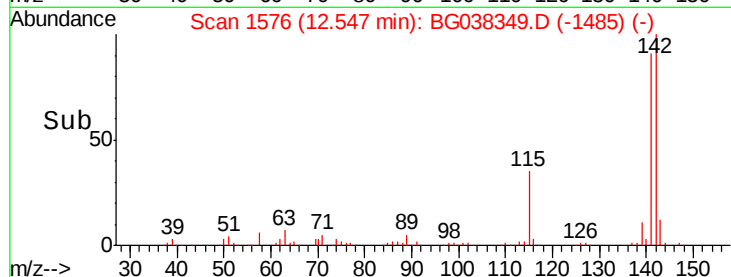
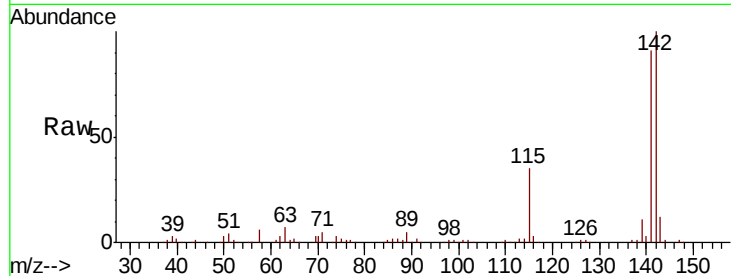
#37
2-Methylnaphthalene
Concen: 51.902 ng
RT: 12.55 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	34.9	27.8	41.8

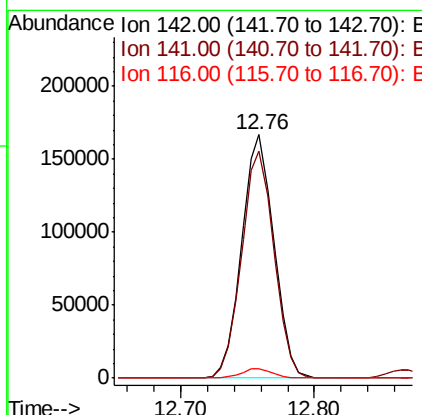
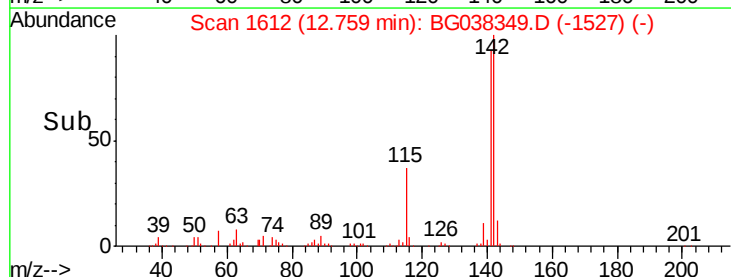
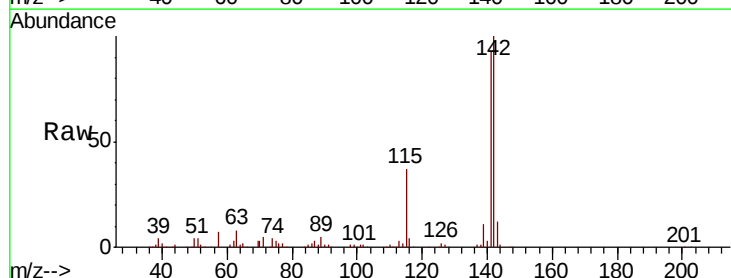
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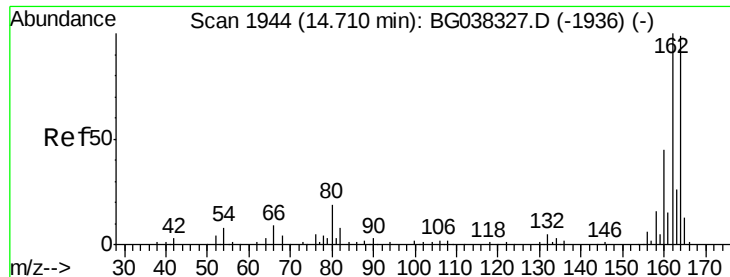
mohammad
12/6/2018 10:33:20 AM



#38
1-Methylnaphthalene
Concen: 53.446 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 102845

Ion Ratio Lower Upper

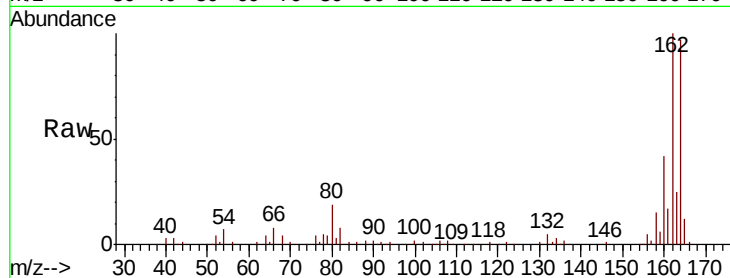
164 100

162 103.3 81.3 121.9

160 43.7 36.3 54.5

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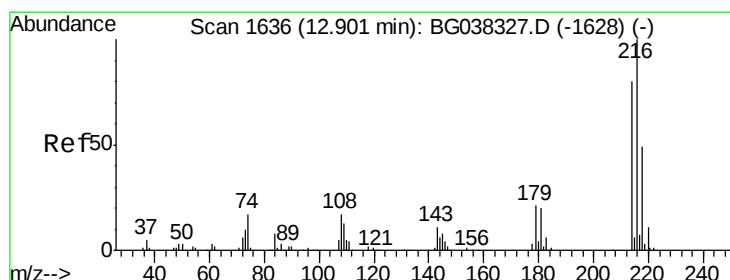
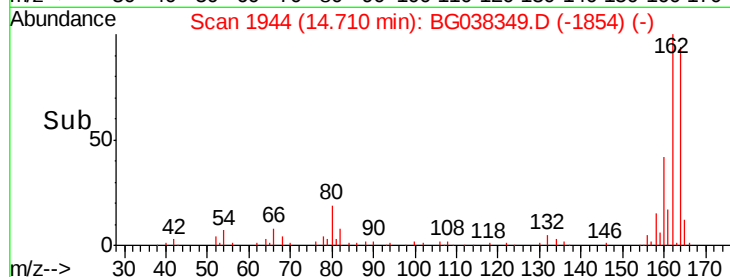
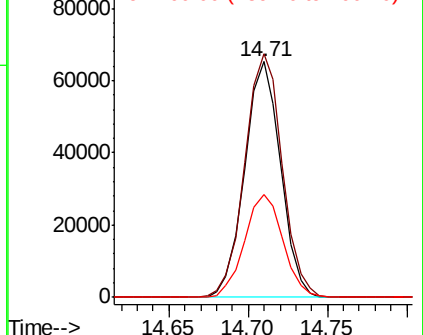


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.037 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:216 Resp: 141685

Ion Ratio Lower Upper

216 100

214 80.9 63.8 95.6

179 20.6 17.4 26.0

108 18.1 13.9 20.9

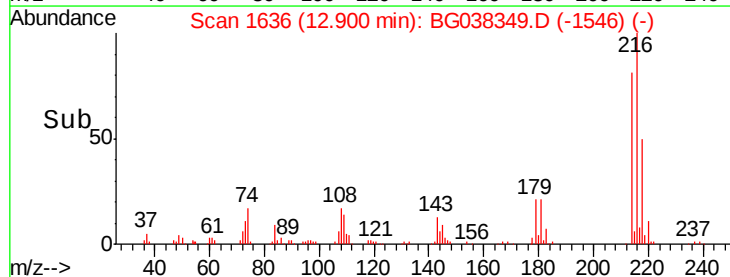
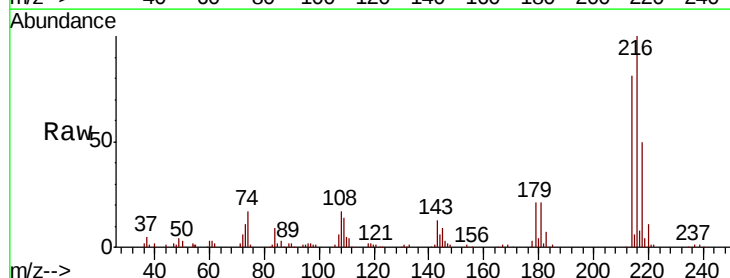
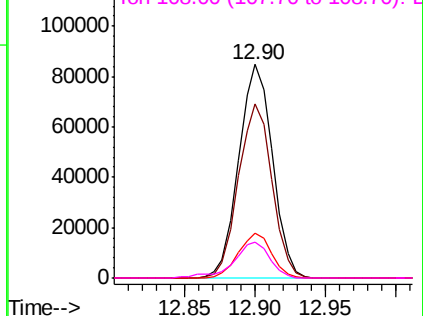
Abundance

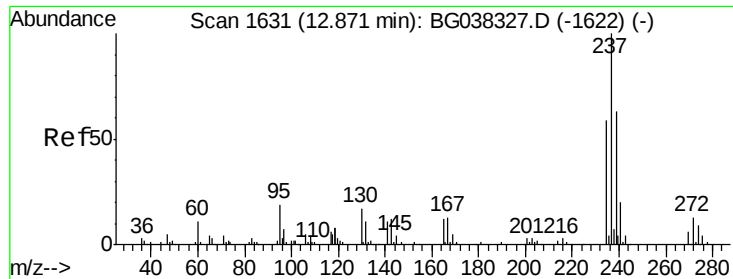
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.378 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

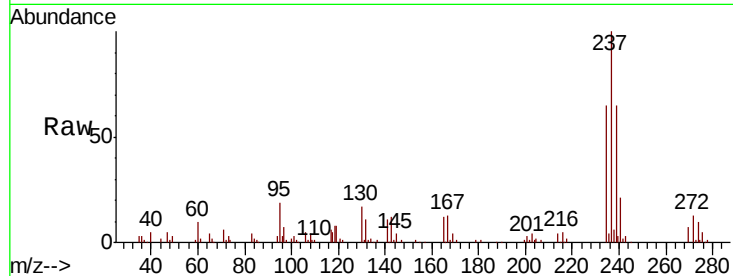
ClientSampleId :

SSTDCCC040

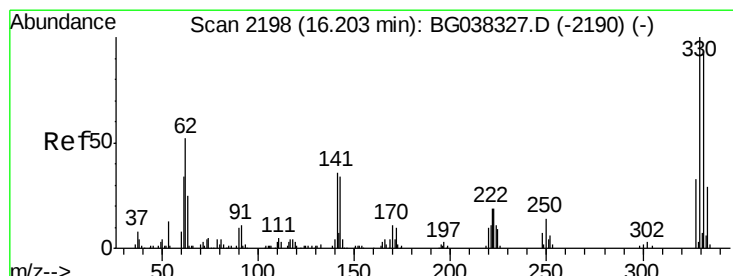
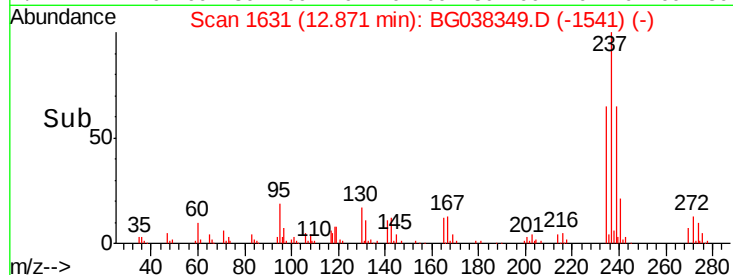
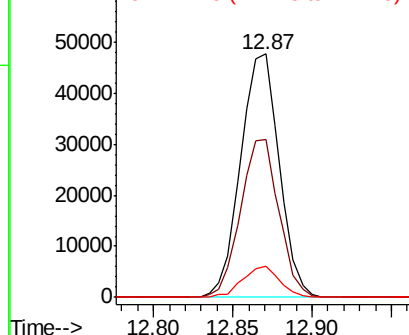
Tot Ion:	237	Resp:	80470
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.5	82.5
272	12.9	0.0	31.6

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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: 83.442 ng

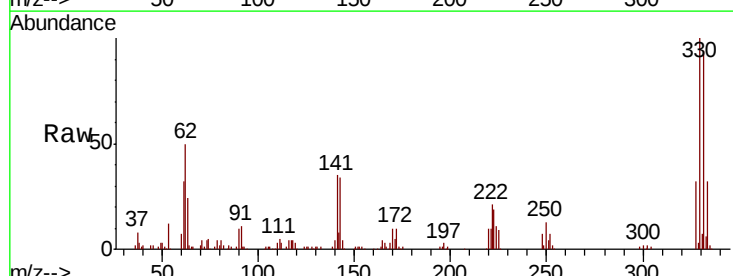
RT: 16.20 min Scan# 2198

Delta R.T. -0.00 min

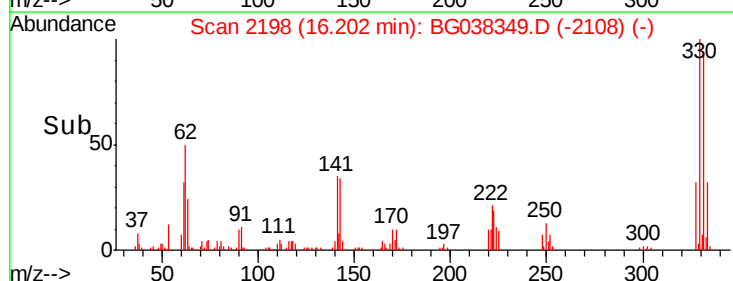
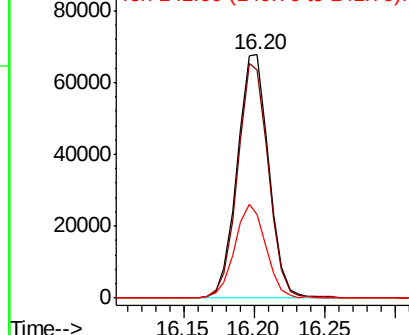
Lab File: BG038349.D

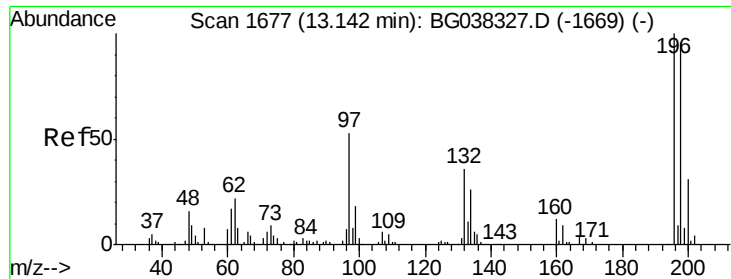
Acq: 5 Dec 2018 7:45

Tgt Ion:	330	Resp:	105349
Ion Ratio	Lower	Upper	
330	100		
332	94.4	78.4	117.6
141	38.1	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





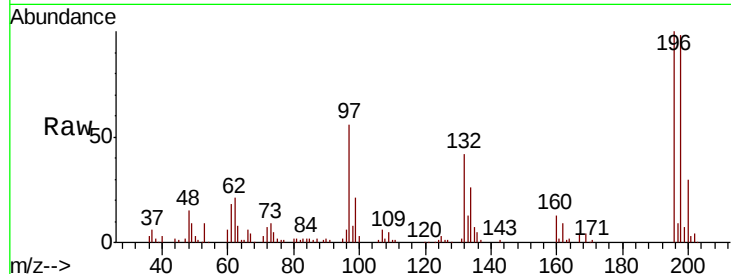
#43
 2,4,6-Trichlorophenol
 Concen: 39.860 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	91376		
198	97.6	76.4	114.6	
200	30.5	24.9	37.3	

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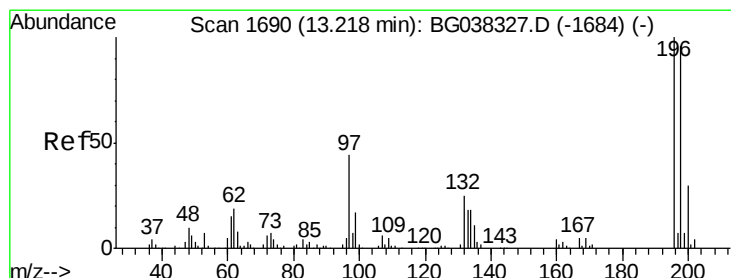
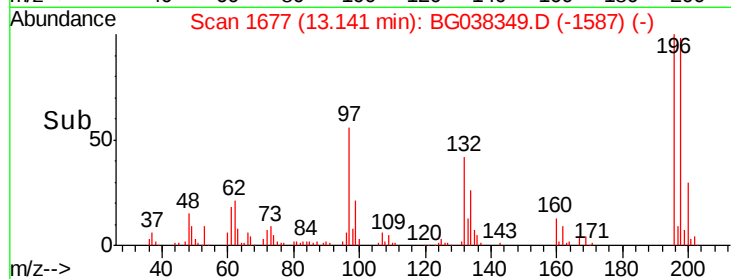
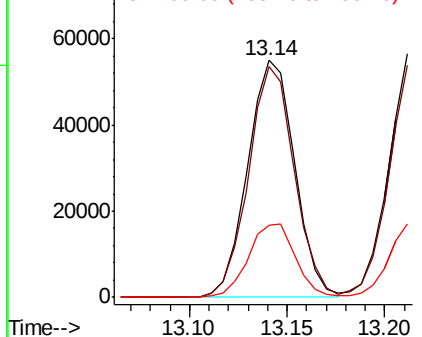


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.275 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	97811		
198	95.4	74.2	111.2	
97	48.4	34.1	51.1	
132	24.5	20.2	30.4	

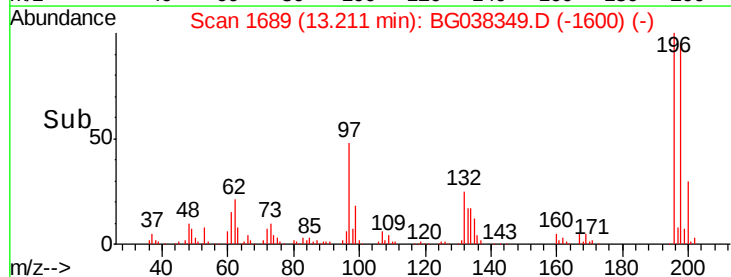
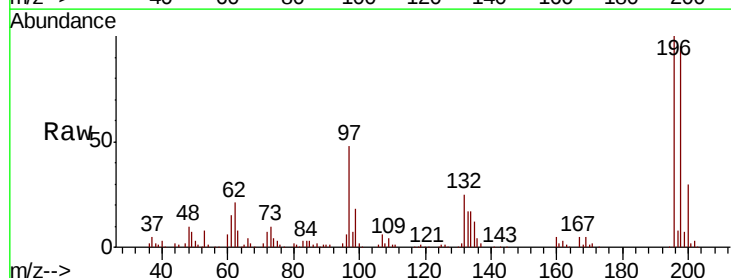
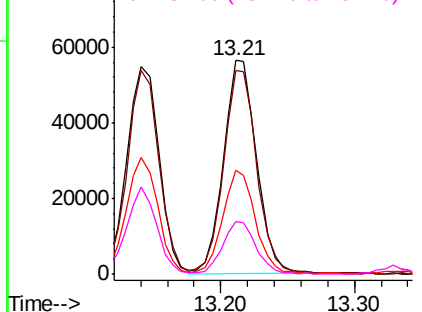
Abundance

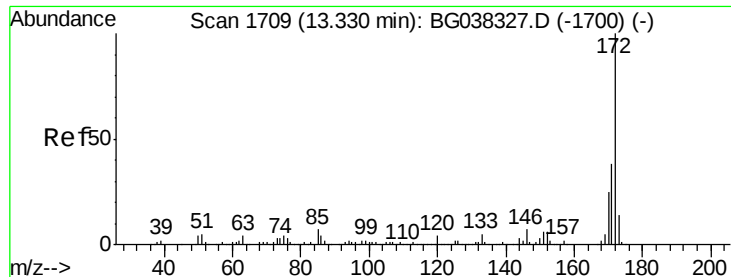
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





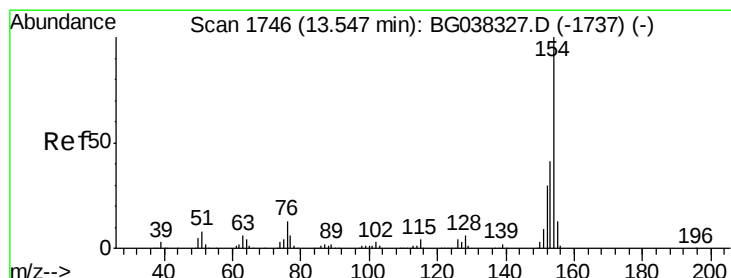
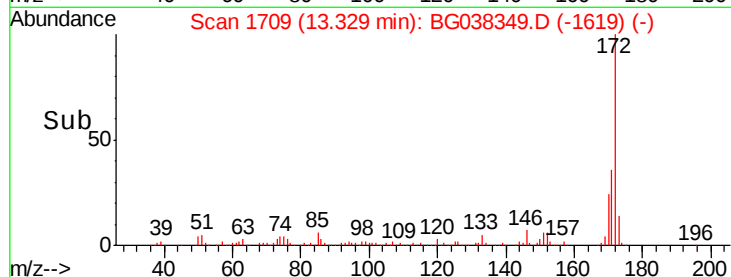
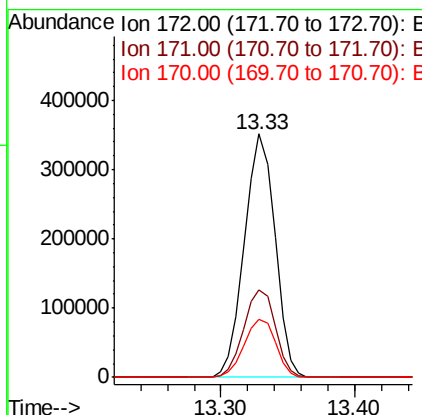
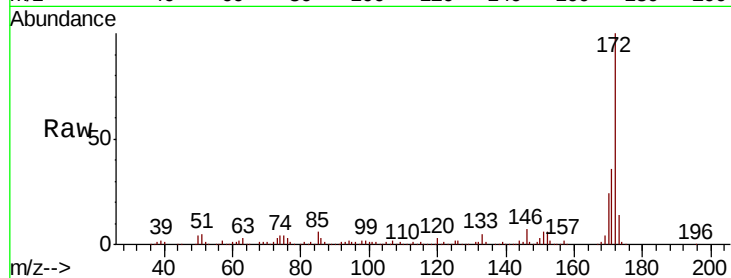
#45
2-Fluorobiphenyl
Concen: 77.265 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.0	46.4
170	23.8	20.2	30.2

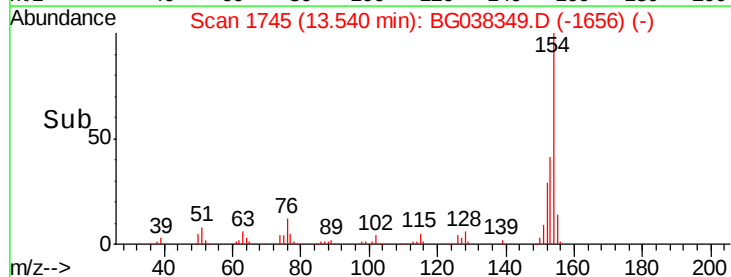
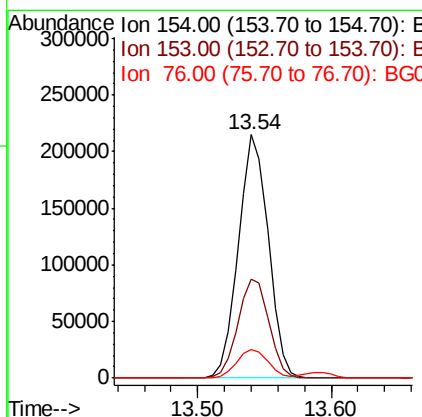
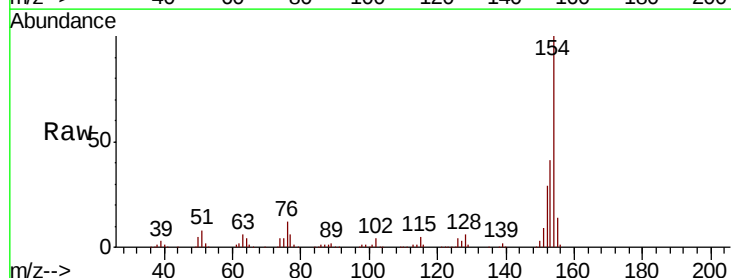
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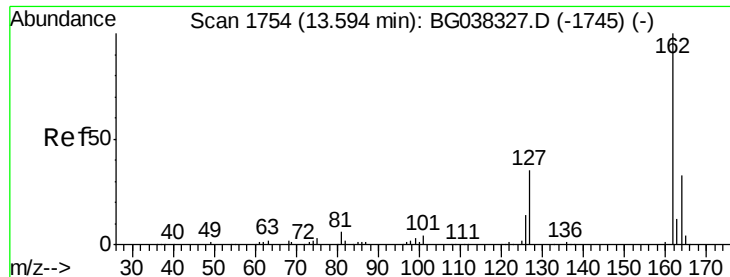
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#46
1,1'-Biphenyl
Concen: 38.224 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.1	62.1
76	11.7	0.0	33.2





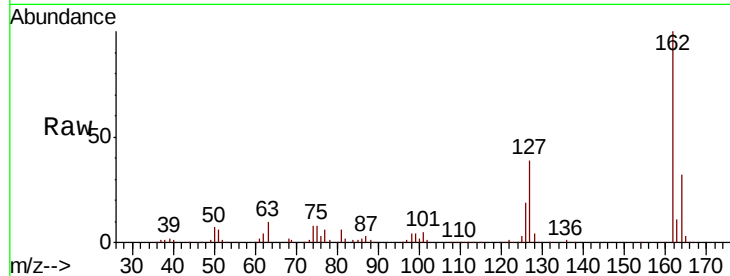
#47
 2-Chloronaphthalene
 Concen: 38.590 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

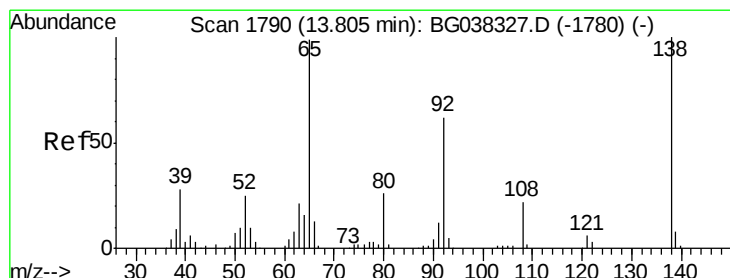
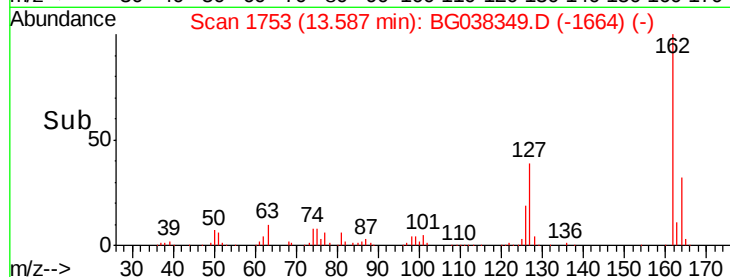
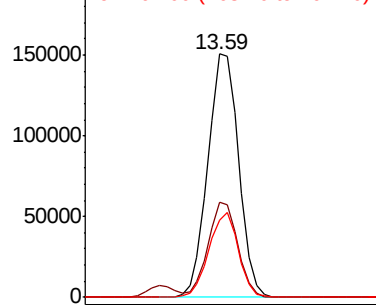
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.5	45.7
164	31.8	26.4	39.6

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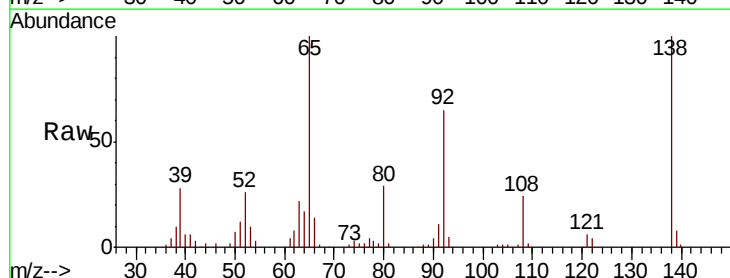


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

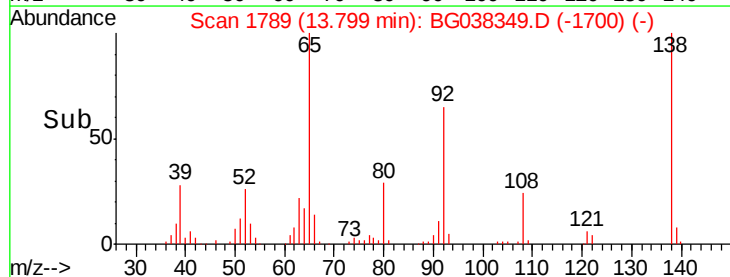
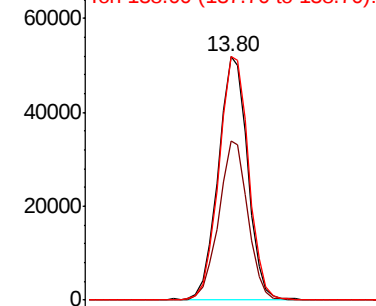


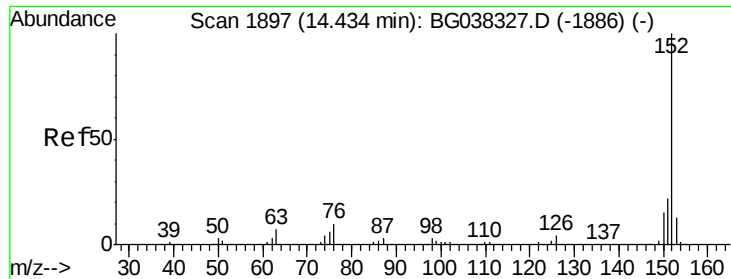
#48
 2-Nitroaniline
 Concen: 40.150 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.2	79.8
138	99.8	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.522 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

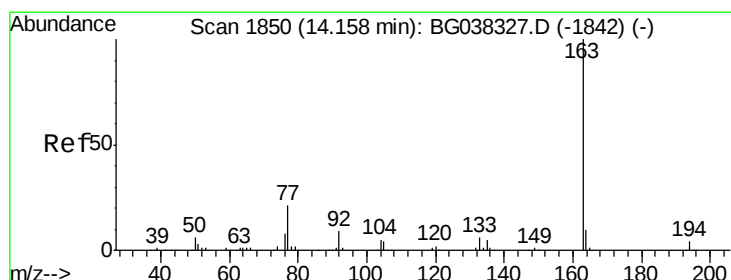
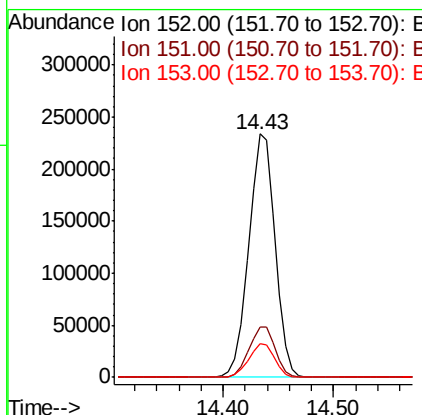
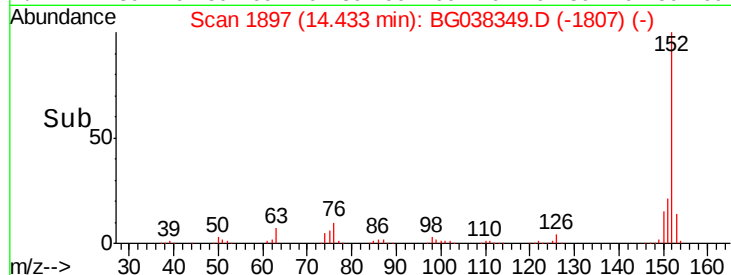
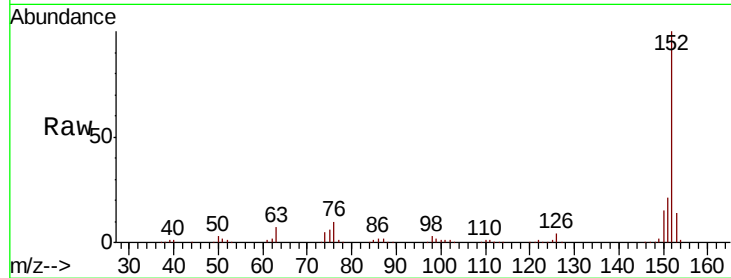
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	390474
Ion Ratio		Lower	Upper
152	100		
151	20.8	17.1	25.7
153	13.7	11.1	16.7

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#50

Dimethylphthalate

Concen: 39.433 ng

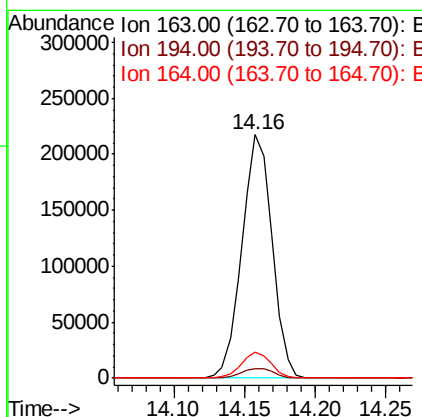
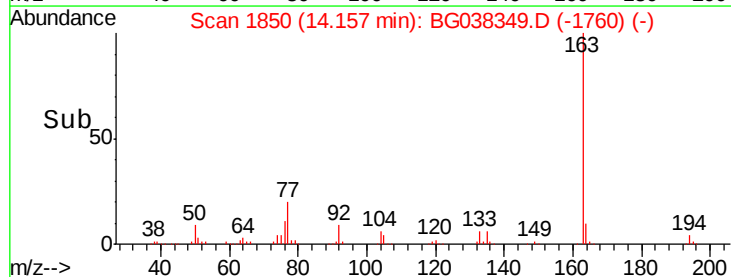
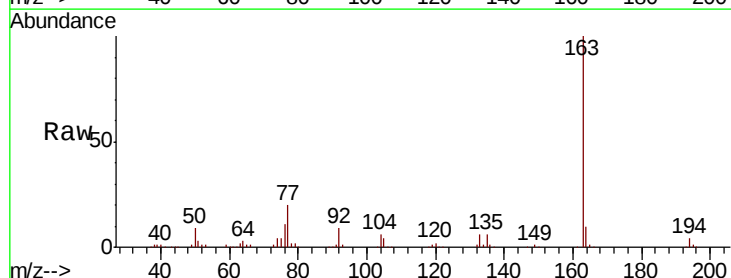
RT: 14.16 min Scan# 1850

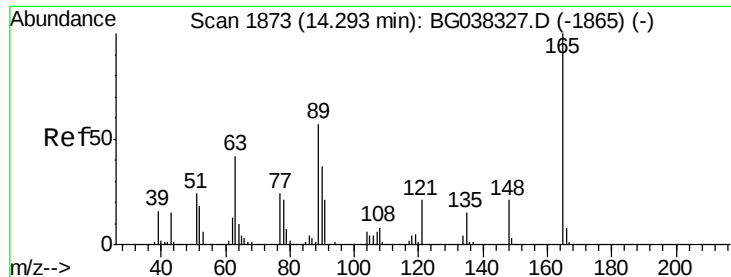
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	163	Resp:	325288
Ion Ratio		Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.4	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 39.821 ng

RT: 14.29 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

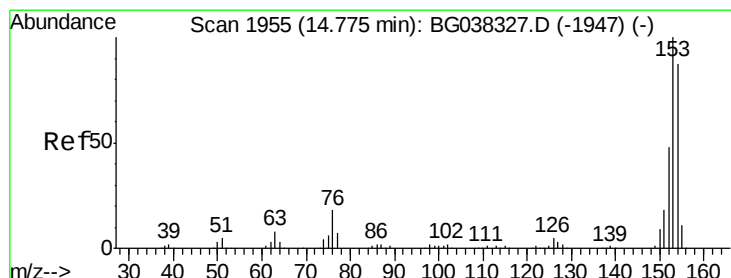
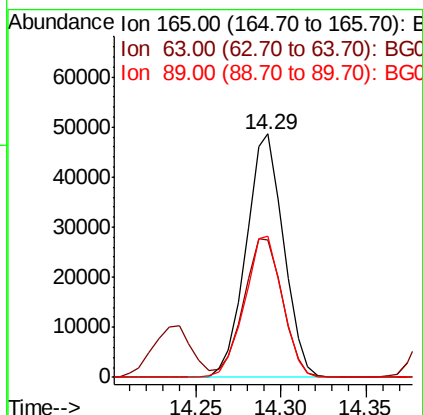
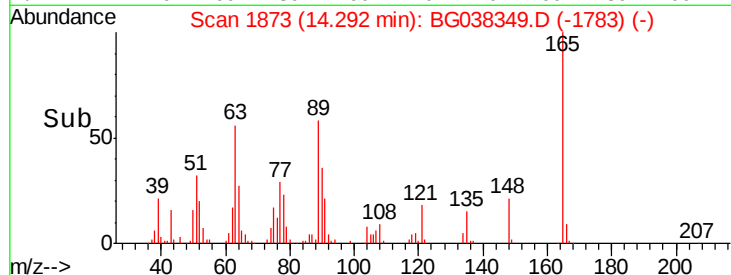
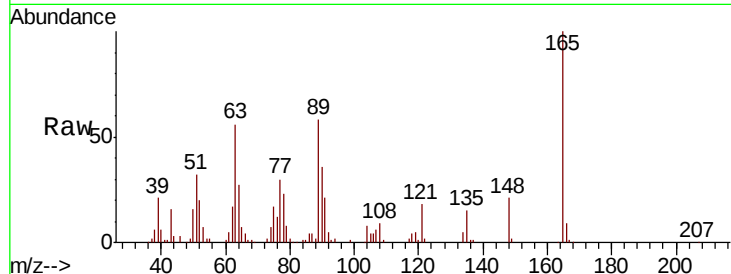
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	75036
Ion Ratio	Lower	Upper	
165	100		
63	56.3	43.4	65.2
89	57.9	45.8	68.6

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#52

Acenaphthene

Concen: 38.367 ng

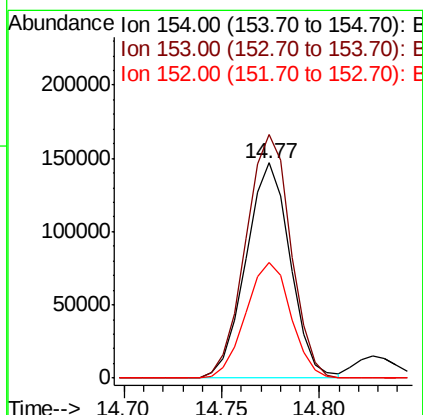
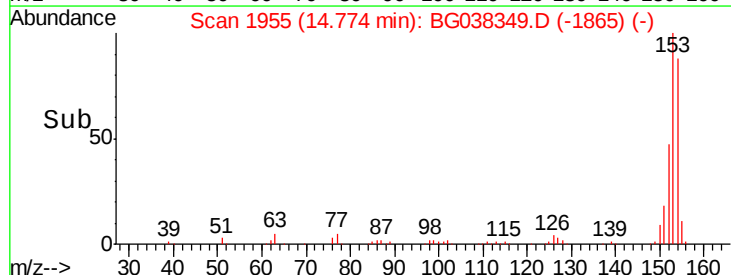
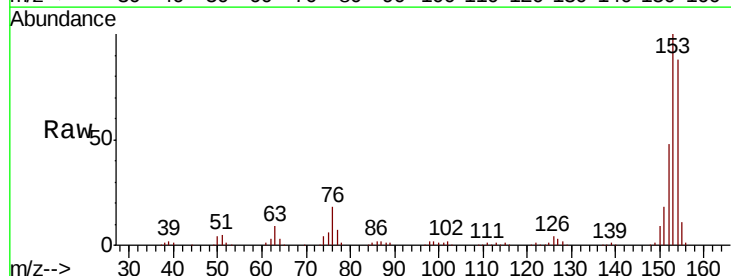
RT: 14.77 min Scan# 1955

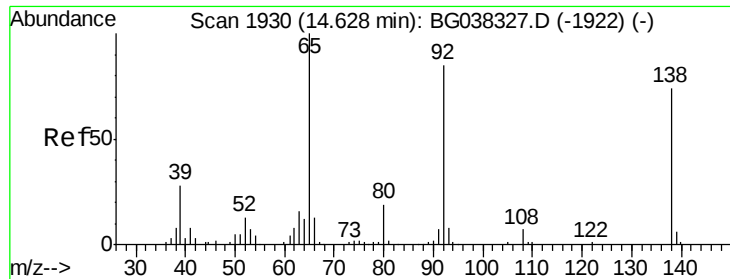
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	154	Resp:	231085
Ion Ratio	Lower	Upper	
154	100		
153	113.3	93.4	140.0
152	53.9	44.7	67.1





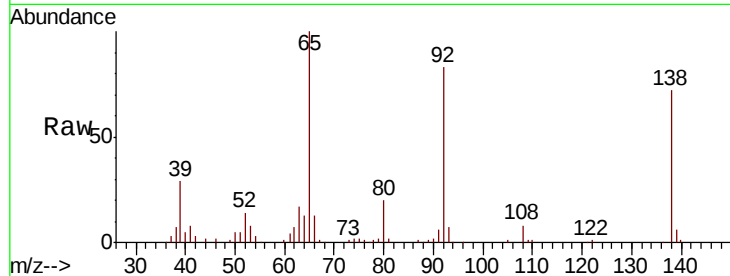
#53
3-Nitroaniline
Concen: 39.599 ng
RT: 14.63 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	11.0	16.6#
92	115.0	95.2	142.8

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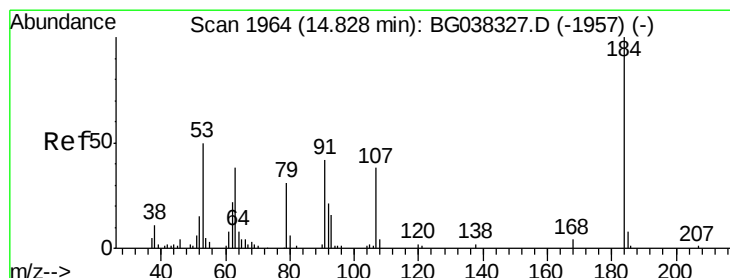
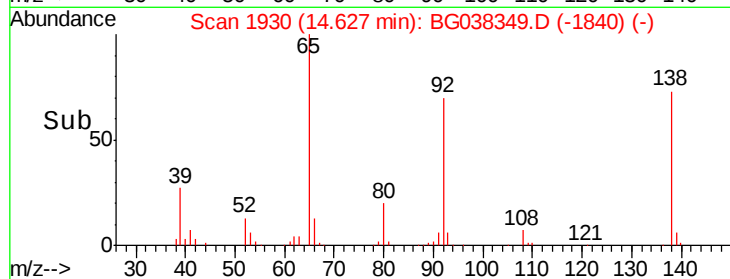
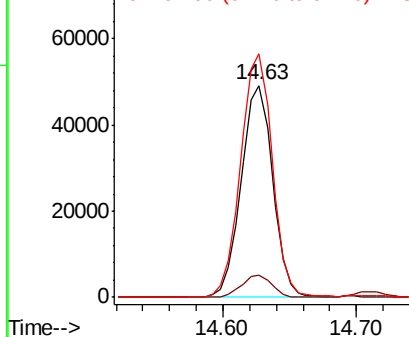


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 39.084 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

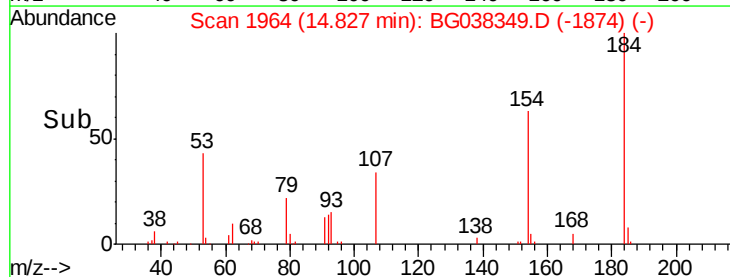
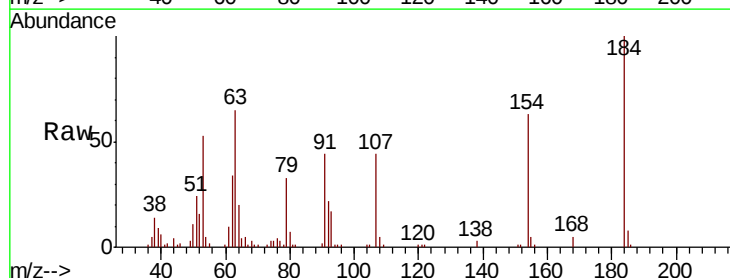
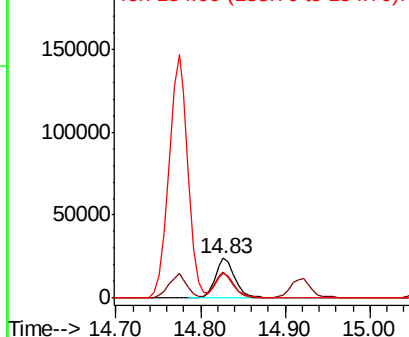
Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	42.6	63.8#
154	63.2	41.8	62.6#

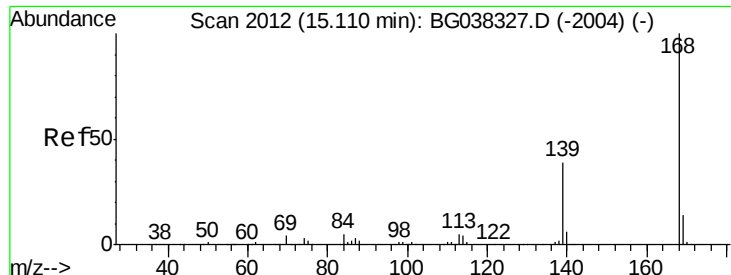
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





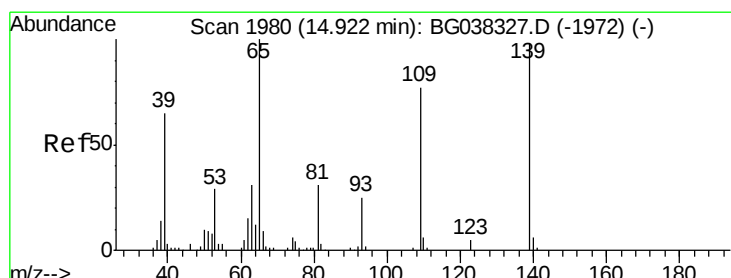
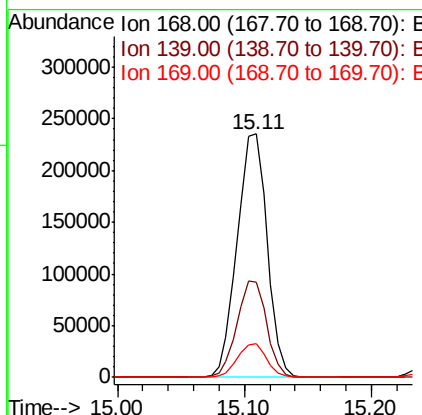
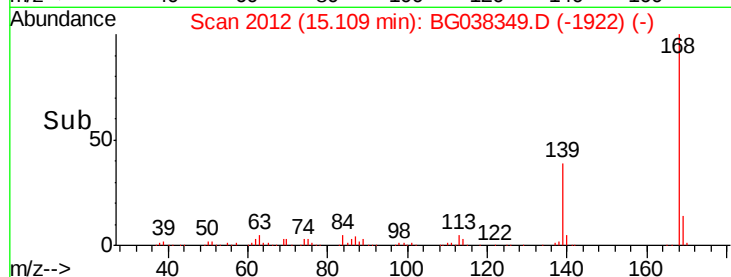
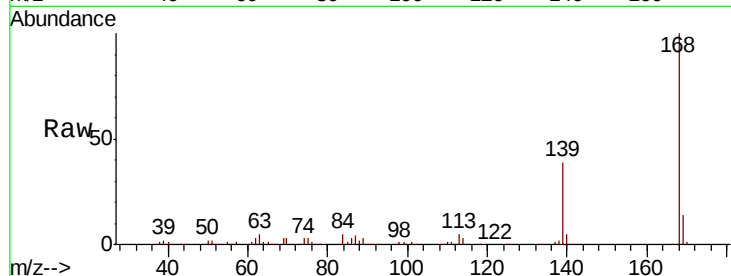
#55
Dibenzenofuran
Concen: 38.787 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	29.4	44.0	
169	13.9	11.0	16.6	

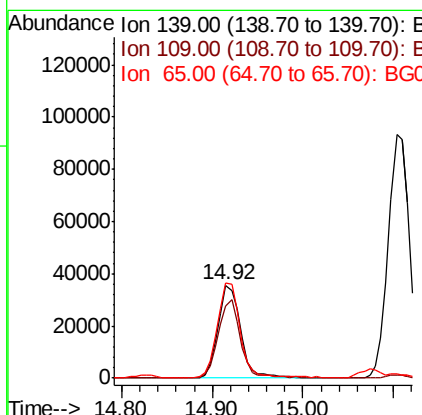
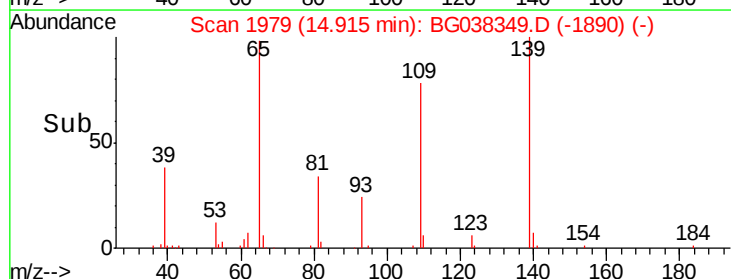
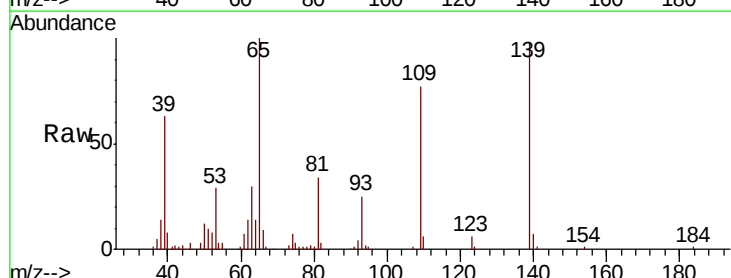
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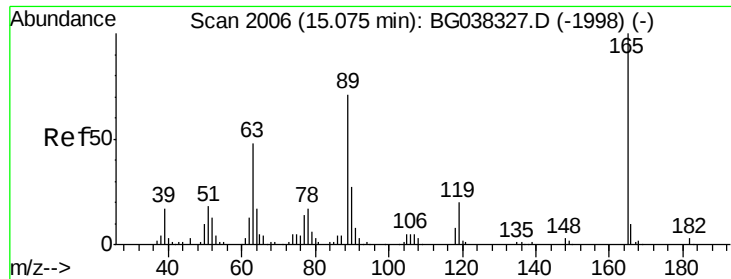
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#56
4-Nitrophenol
Concen: 38.509 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.4	49.5	89.5	
65	102.0	76.8	116.8	





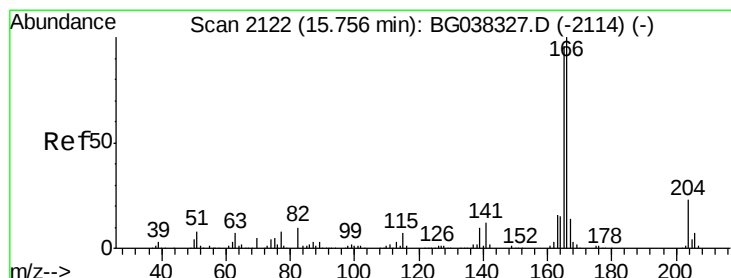
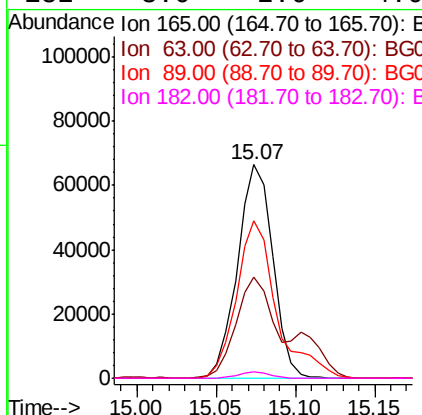
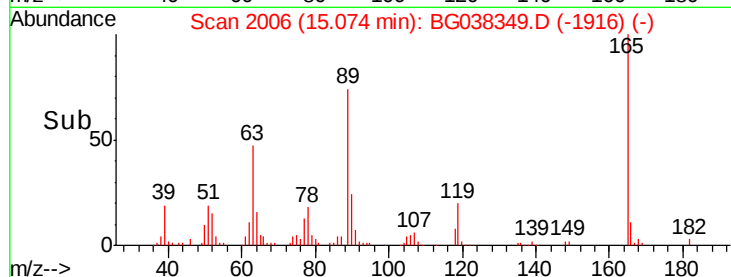
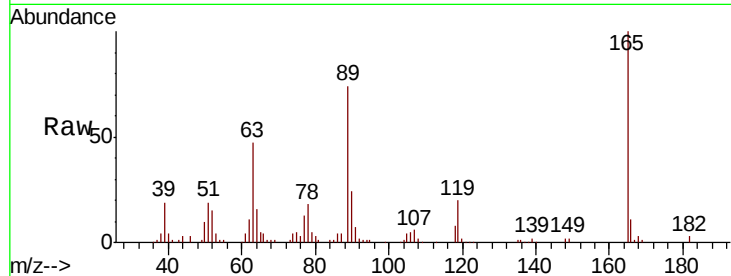
#57
2,4-Dinitrotoluene
Concen: 39.467 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	47.5		33.4	50.0	
89	73.6		57.2	85.8	
182	3.0		2.6	4.0	

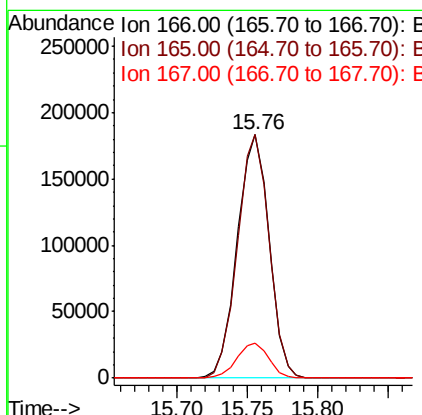
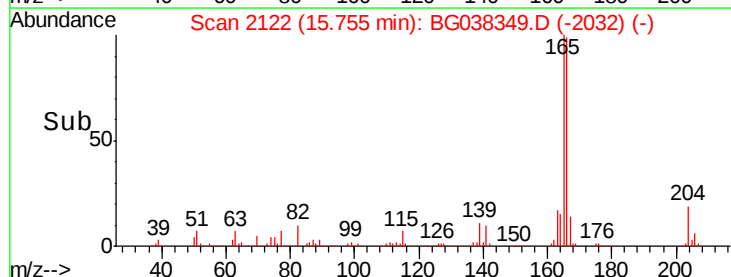
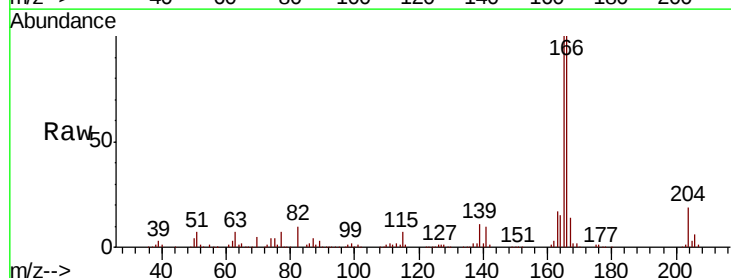
Manual Integrations
APPROVED

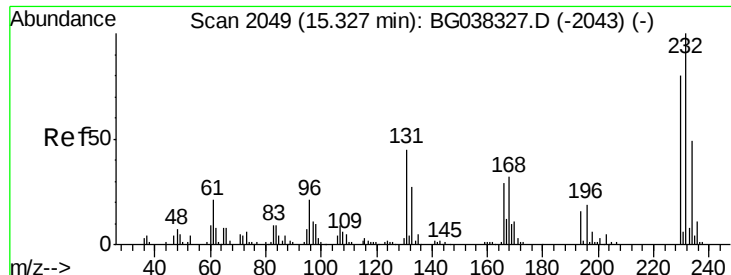
mohammad
12/6/2018 10:33:20 AM



#58
Fluorene
Concen: 39.416 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.0		79.0	118.6	
167	14.4		11.3	16.9	





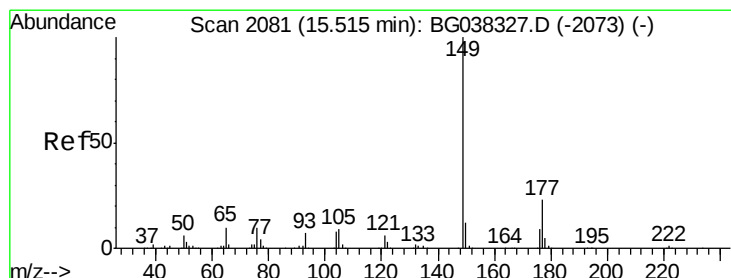
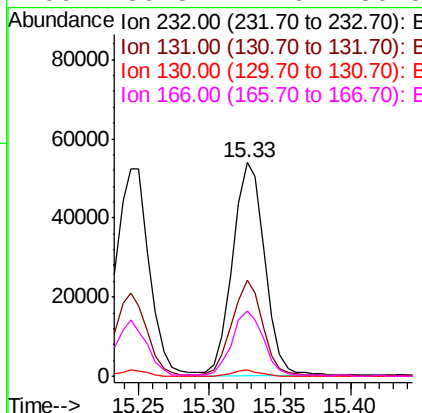
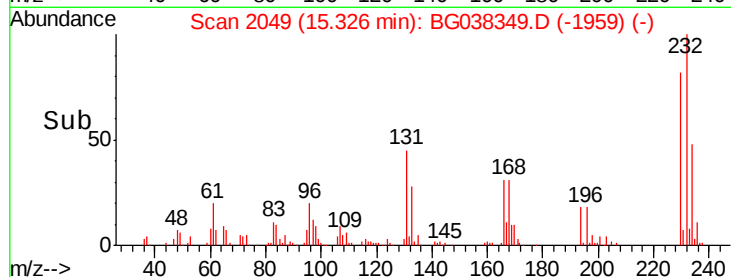
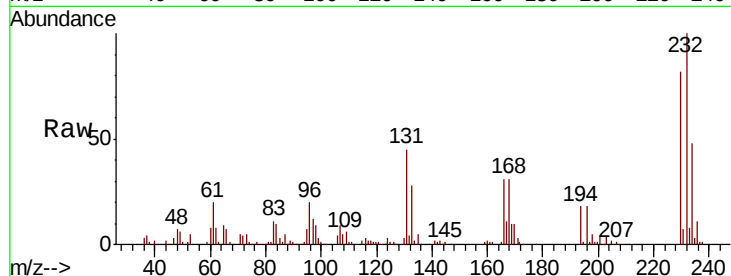
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.533 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	232	Resp:	85494
Ion Ratio	Lower	Upper	
232	100		
131	44.1	33.7	50.5
130	2.5	2.1	3.1
166	30.8	24.6	36.8

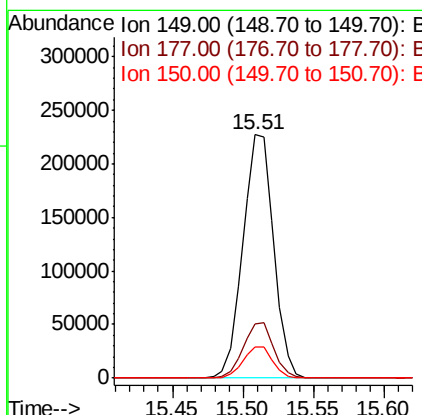
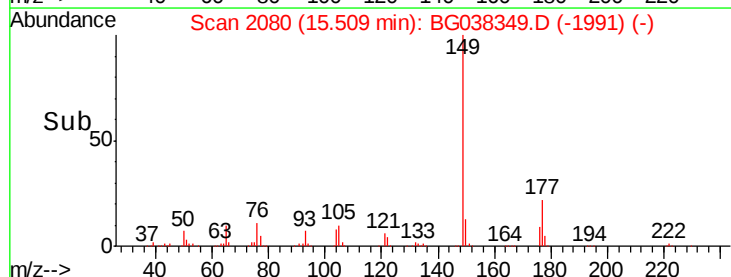
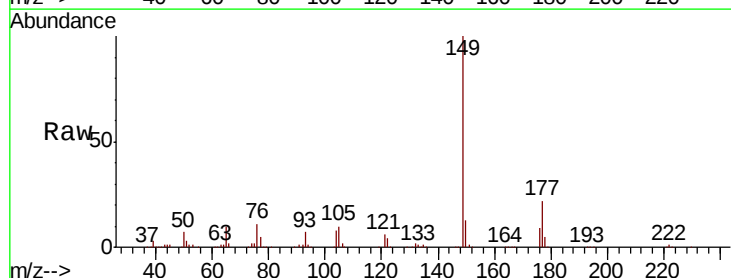
Manual Integrations
APPROVED

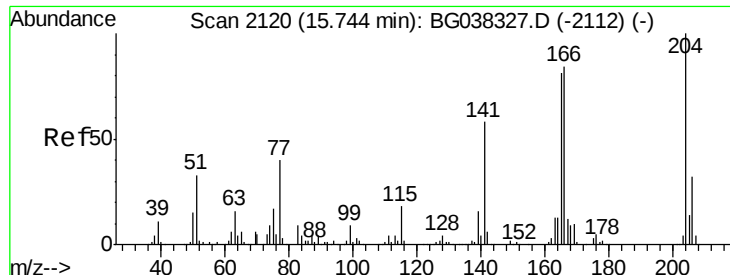
mohammad
12/6/2018 10:33:20 AM



#60
Diethylphthalate
Concen: 37.863 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion:	149	Resp:	346029
Ion Ratio	Lower	Upper	
149	100		
177	22.5	18.3	27.5
150	13.0	10.0	15.0





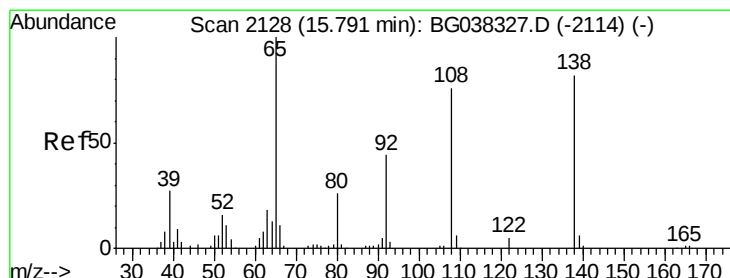
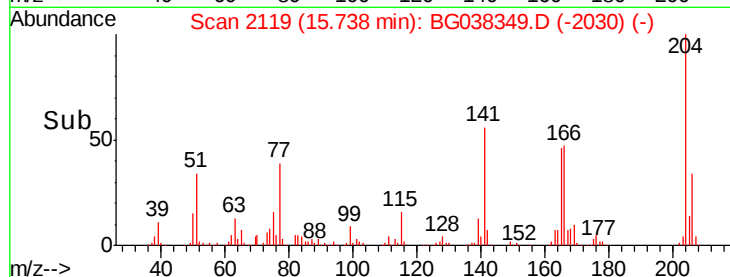
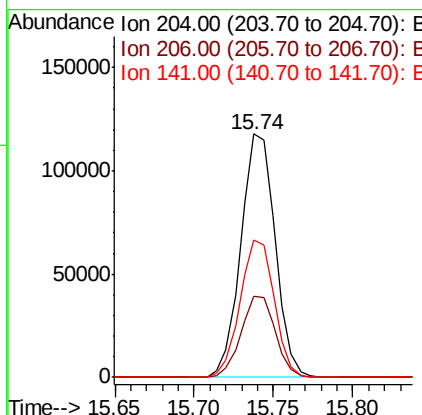
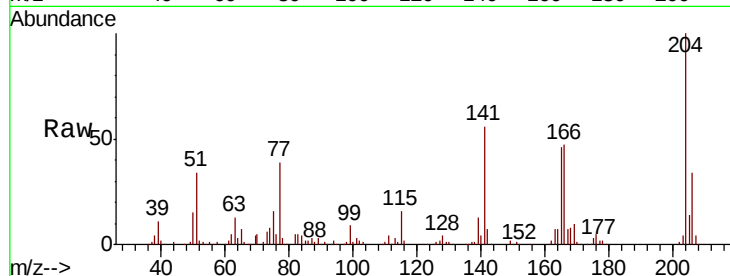
#61
4-Chlorophenyl-phenylether
Concen: 40.083 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	56.2	45.4	68.2

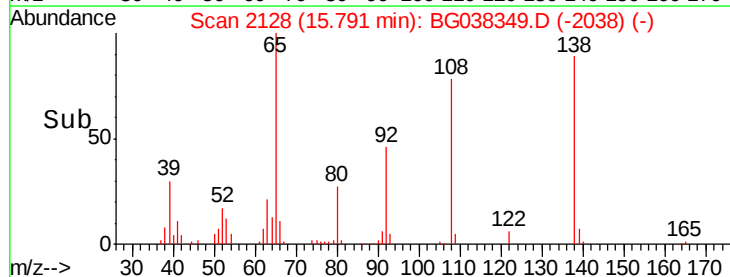
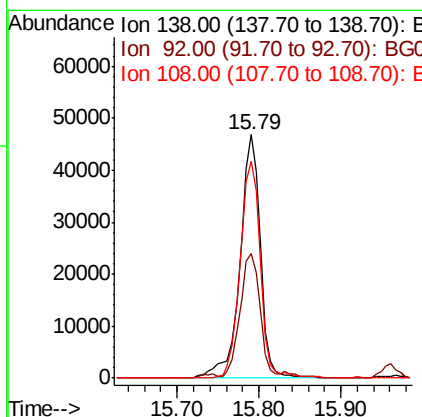
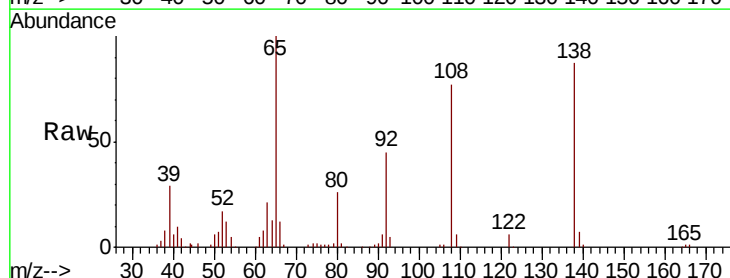
Manual Integrations
APPROVED

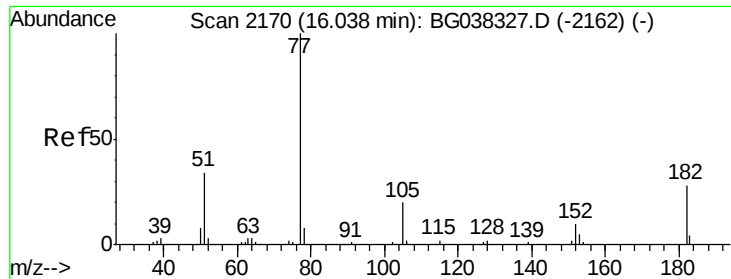
mohammad
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#62
4-Nitroaniline
Concen: 40.535 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	36.4	76.4
108	89.1	60.1	100.1





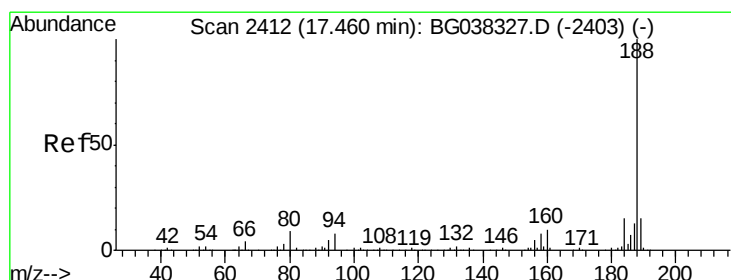
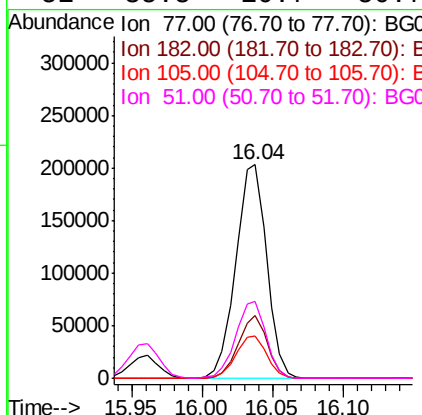
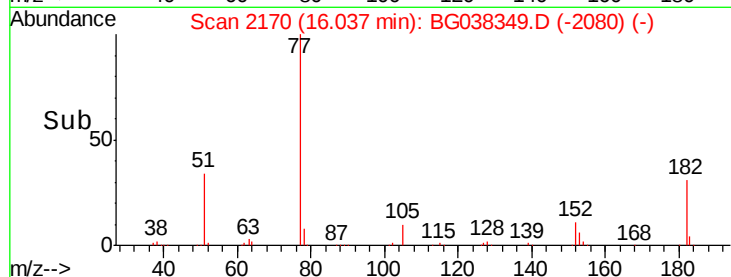
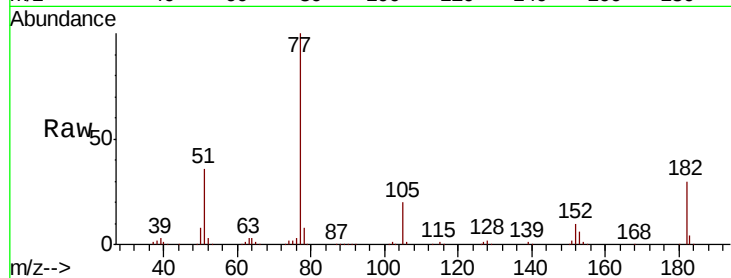
#63
Azobenzene
Concen: 38.733 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	8.0	48.0
105	19.8	1.3	41.3
51	35.8	10.7	50.7

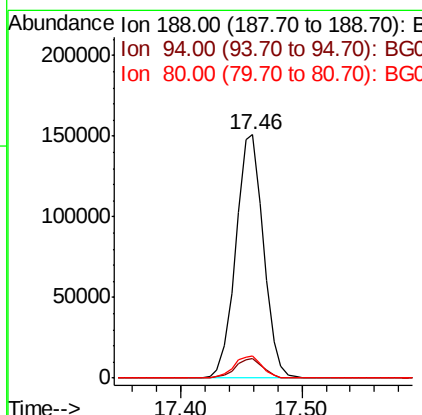
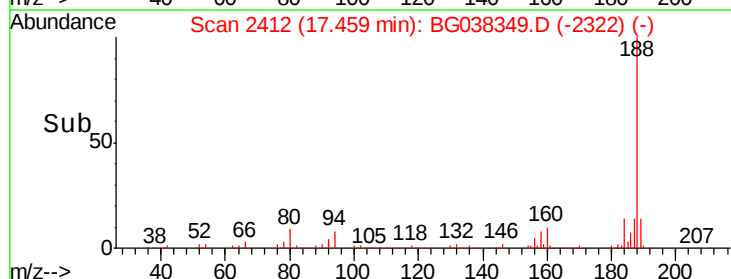
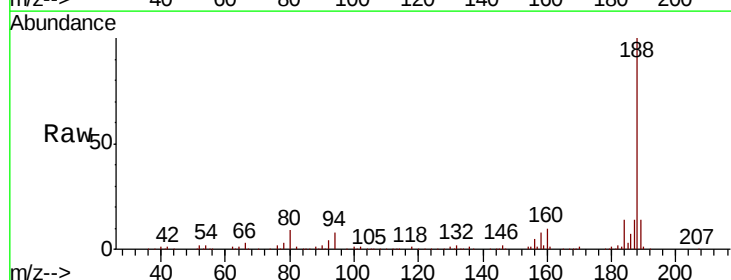
Manual Integrations
APPROVED

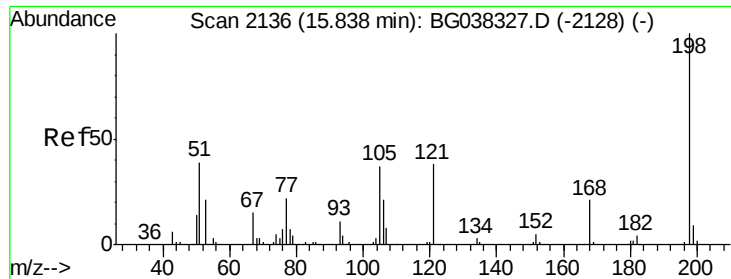
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.9	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 42.308 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 66645

Ion Ratio Lower Upper

198 100

51 53.1 22.7 62.7

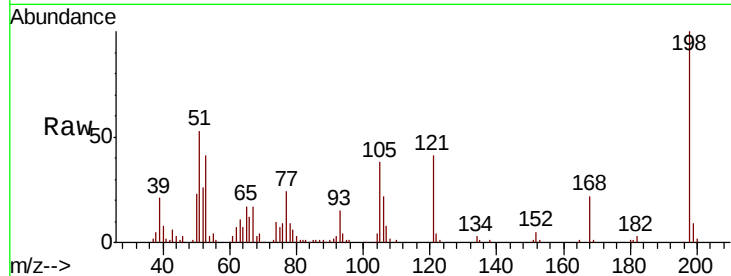
105 38.4 19.7 59.7

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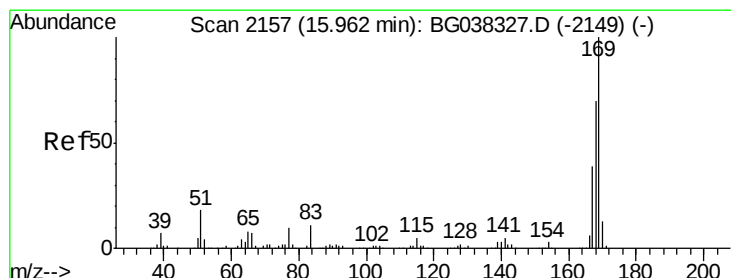
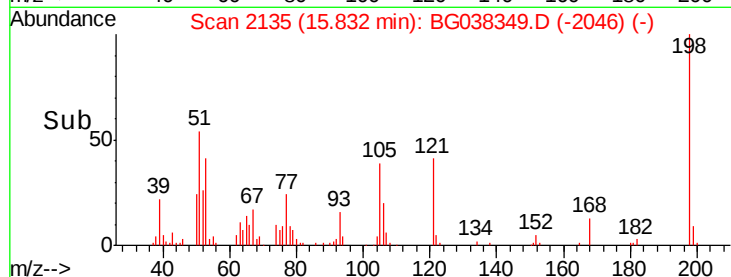
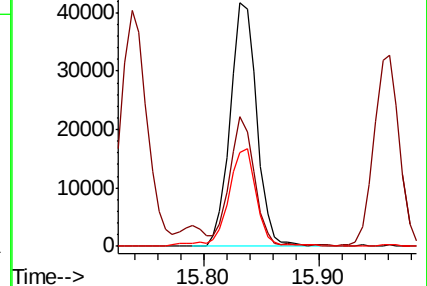
12/6/2018 10:33:20 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.920 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

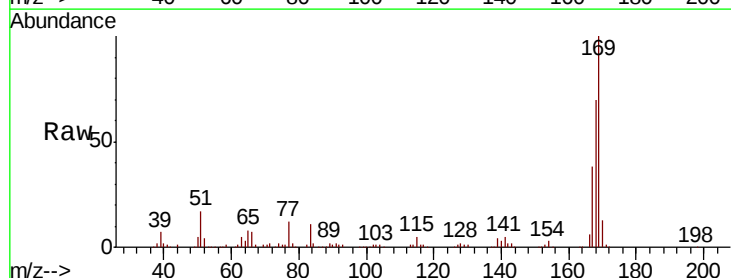
Tgt Ion:169 Resp: 283404

Ion Ratio Lower Upper

169 100

168 69.7 55.7 83.5

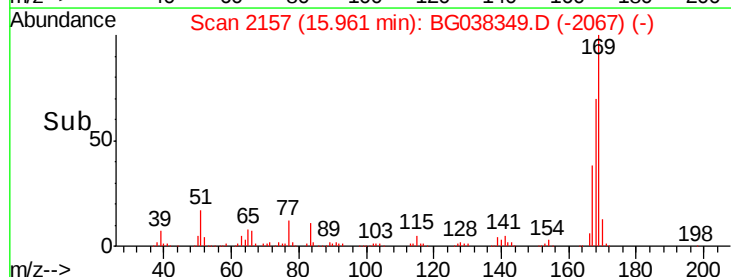
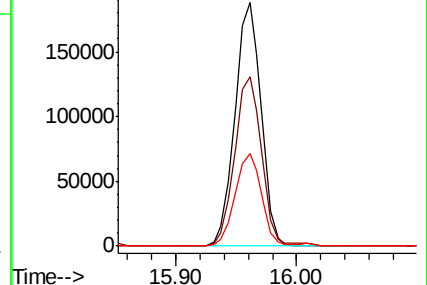
167 38.0 31.3 46.9

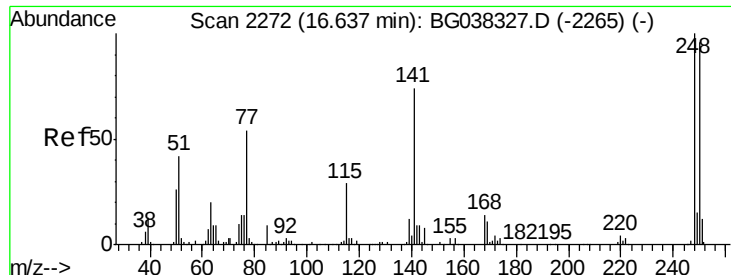


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.951 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

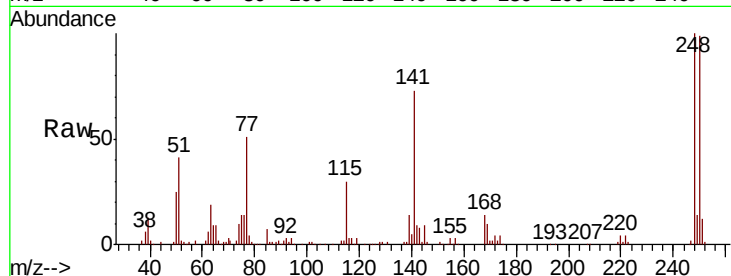
ClientSampled :

SSTDCCC040

Tot Ion:	248	Resp:	111510
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.0	115.6
141	72.6	55.5	83.3

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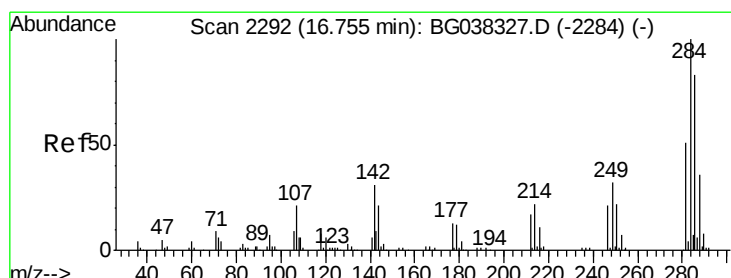
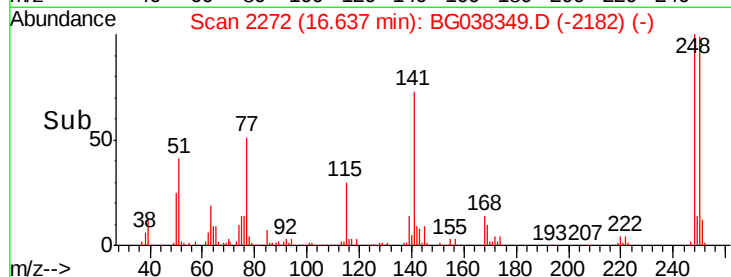
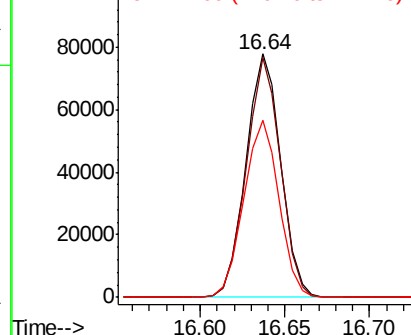


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.930 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

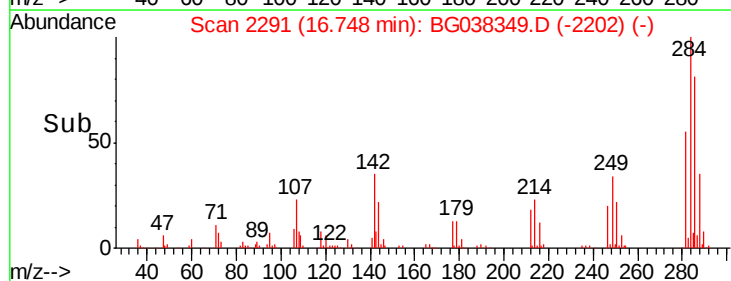
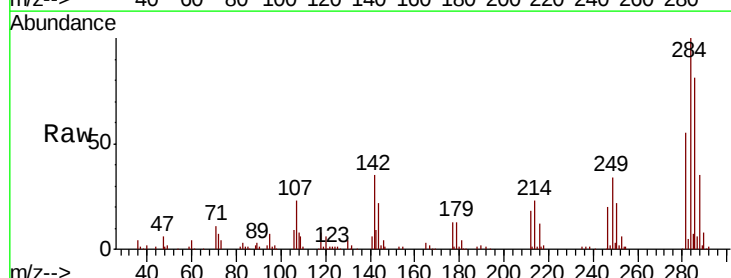
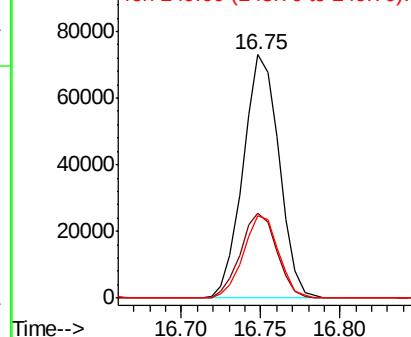
Tgt Ion:	284	Resp:	114963
Ion Ratio	Lower	Upper	
284	100		
142	35.0	28.1	42.1
249	36.4	29.8	44.8

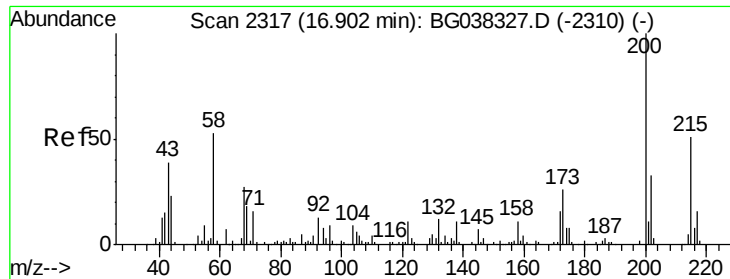
Abundance

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





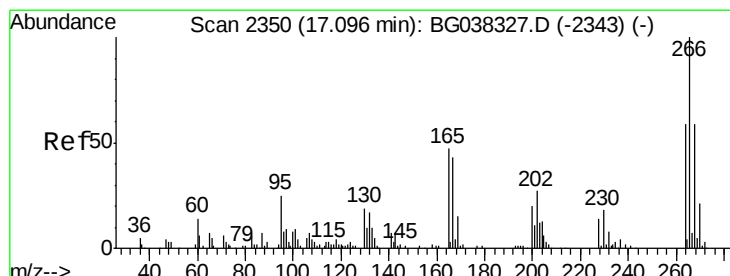
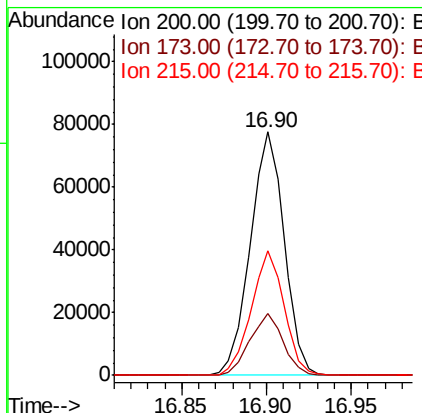
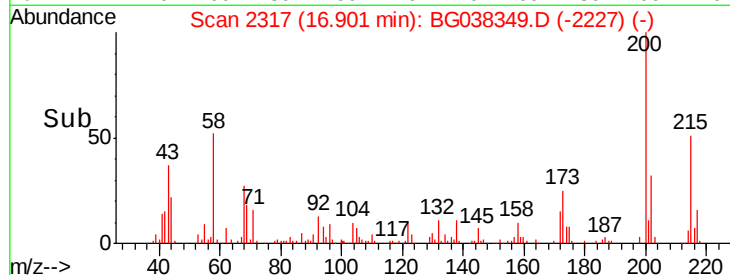
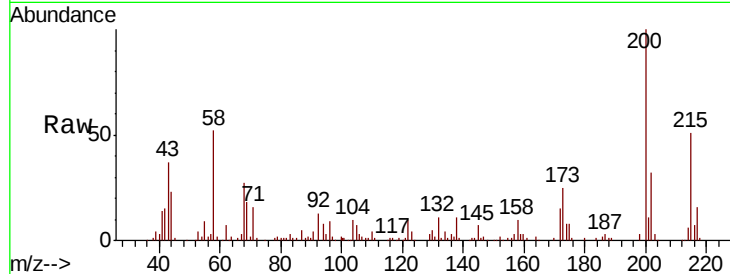
#69
 Atrazine
 Concen: 42.982 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.5	6.1	46.1
215	51.2	30.8	70.8

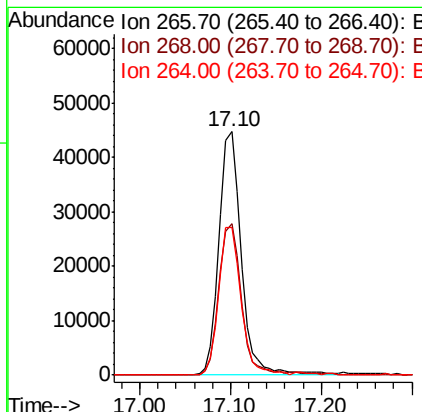
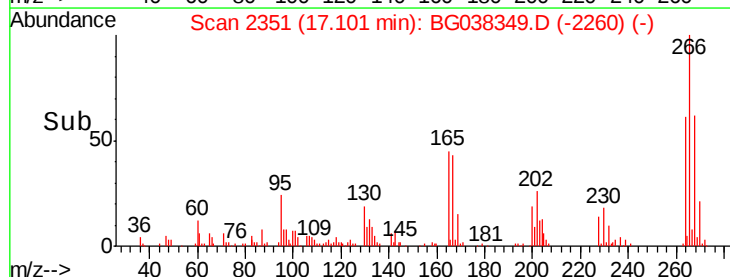
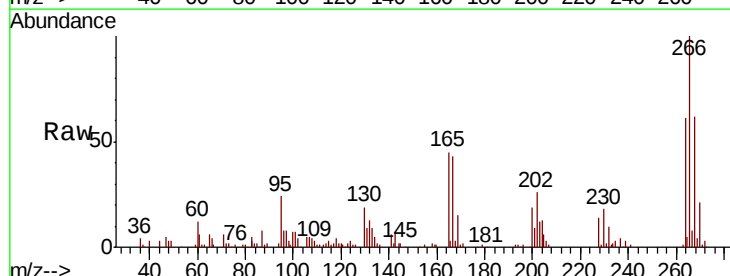
Manual Integrations
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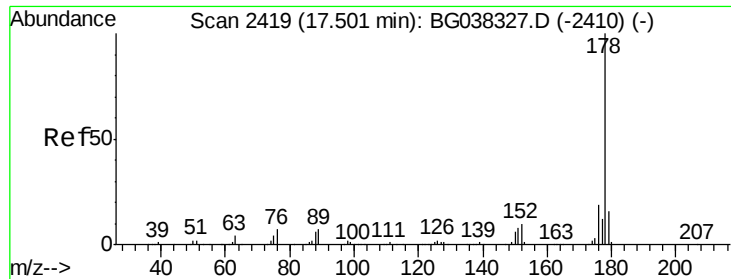
mohammad
 12/6/2018 10:33:20 AM



#70
 Pentachlorophenol
 Concen: 41.773 ng
 RT: 17.10 min Scan# 2351
 Delta R.T. 0.01 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.6	55.0	82.6
264	65.9	58.9	88.3





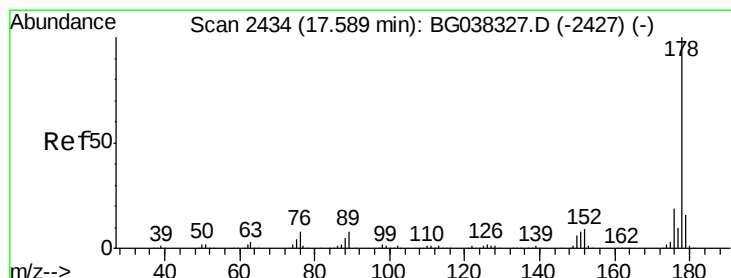
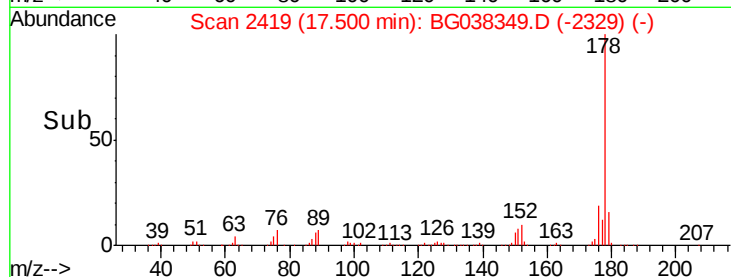
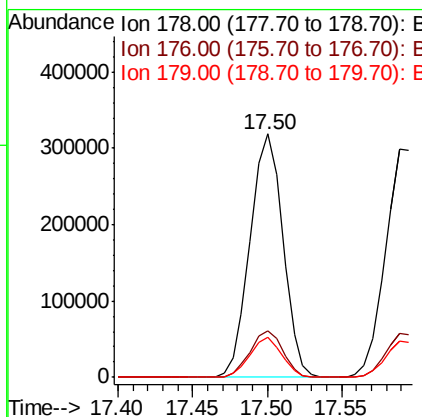
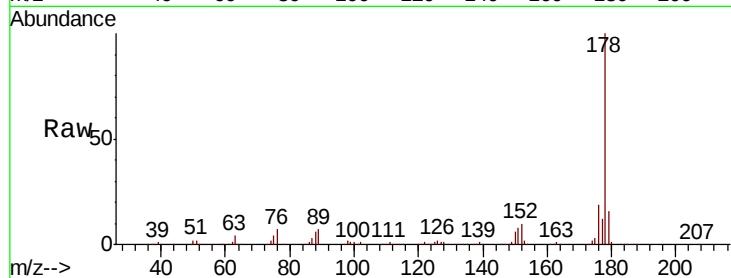
#71
Phenanthrene
Concen: 40.433 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	16.2	13.0	19.4

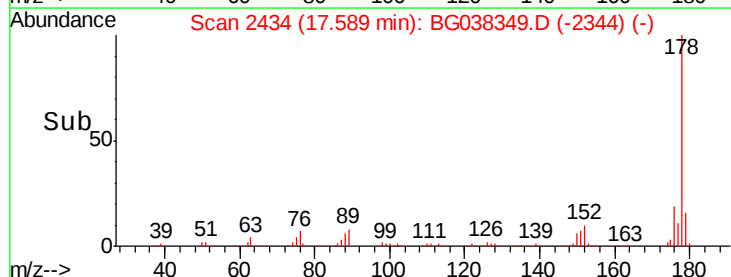
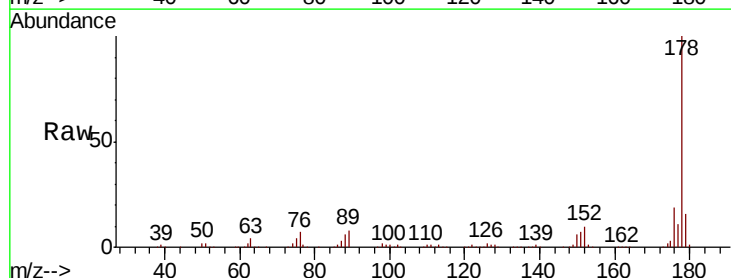
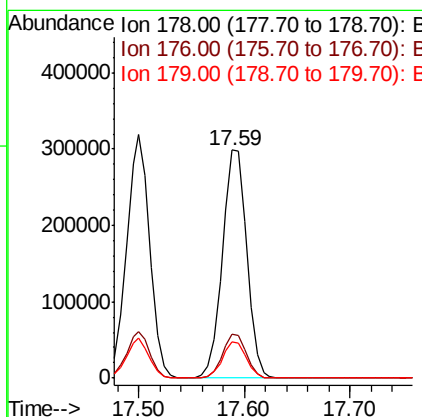
Manual Integrations
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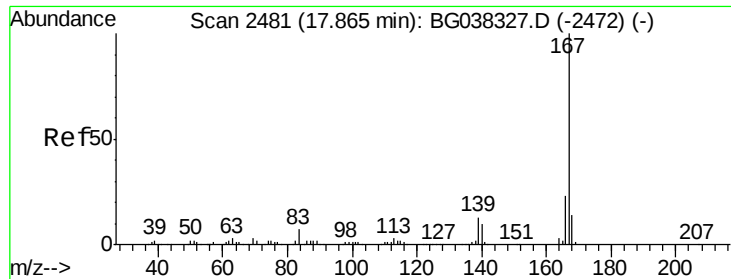
mohammad
12/6/2018 10:33:20 AM



#72
Anthracene
Concen: 40.956 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	16.1	12.8	19.2





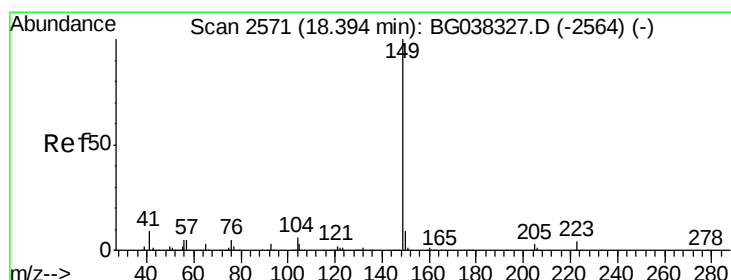
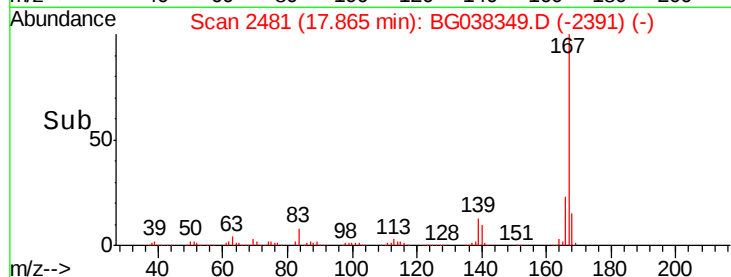
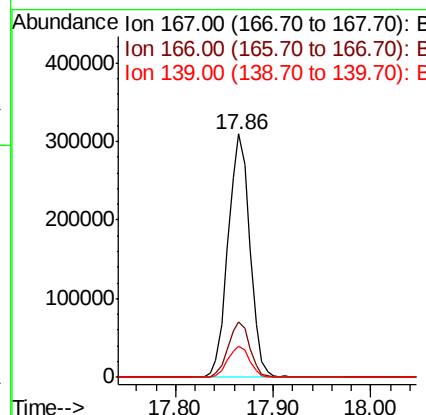
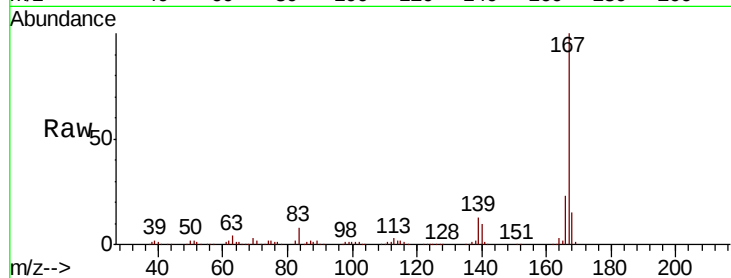
#73
 Carbazole
 Concen: 41.488 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	12.9	10.5	15.7

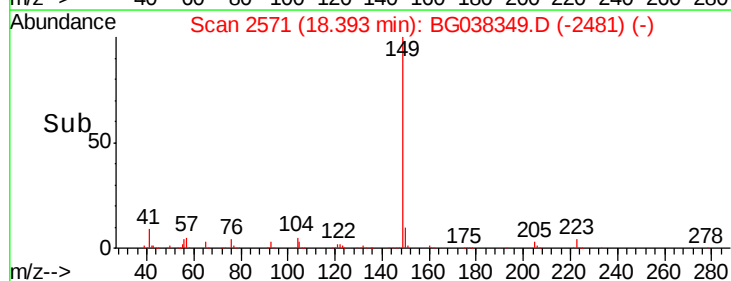
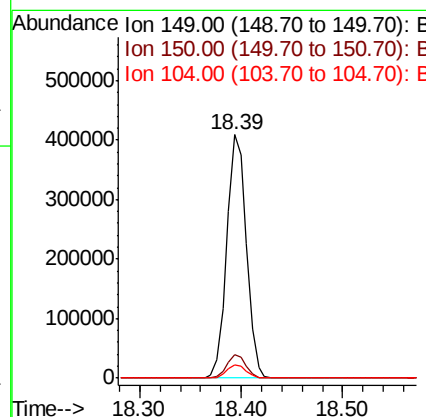
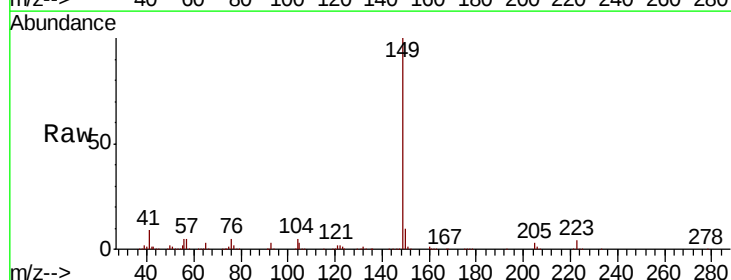
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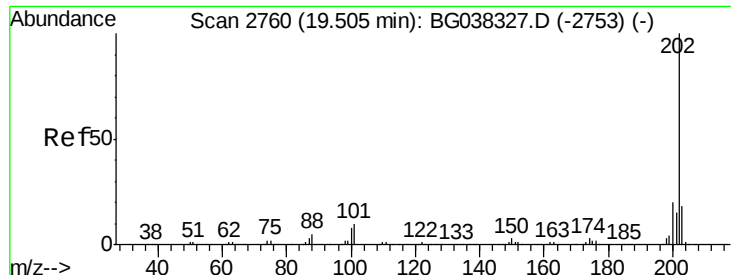
mohammad
 12/6/2018 10:33:20 AM



#74
 Di-n-butylphthalate
 Concen: 40.531 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.5	4.0	6.0





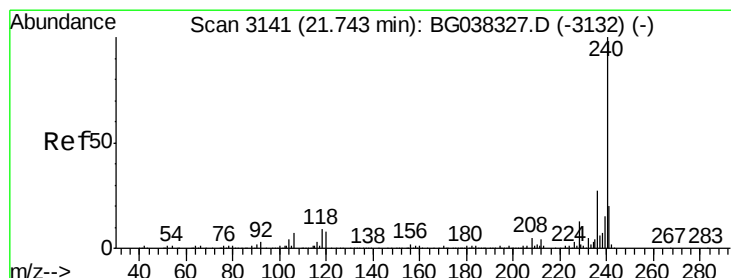
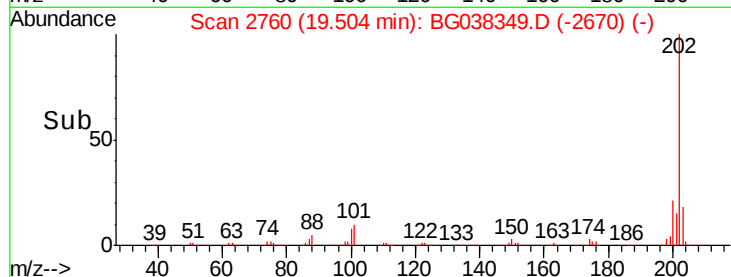
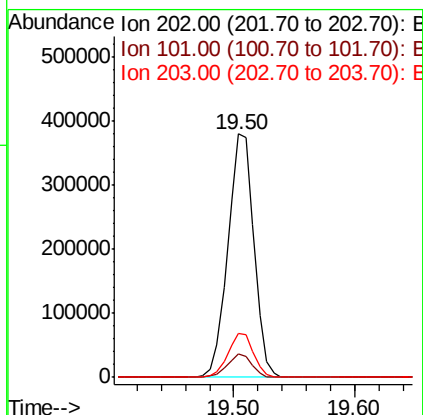
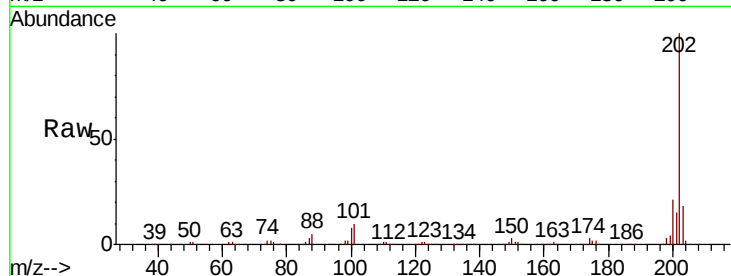
#75
 Fluoranthene
 Concen: 40.335 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.7
203	18.2	0.0	38.5

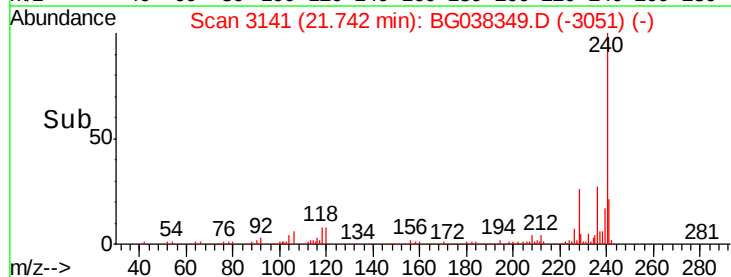
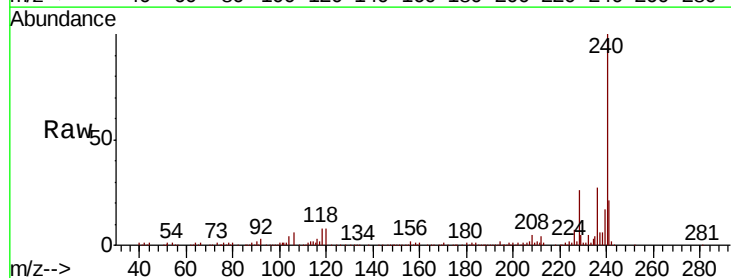
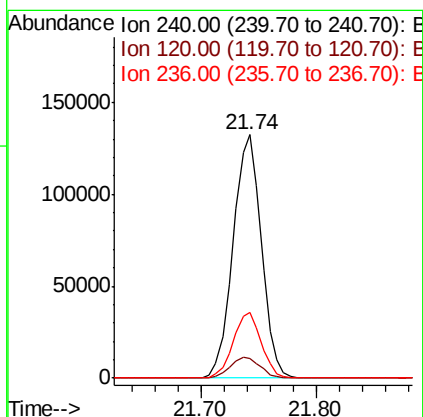
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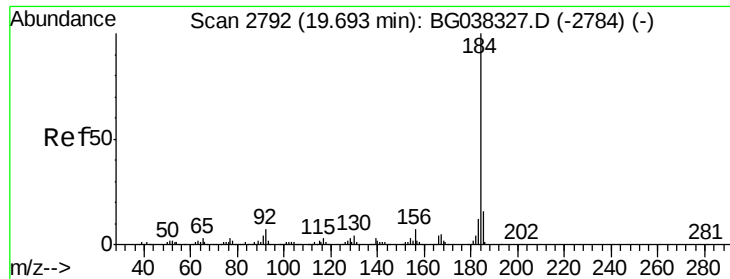
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.0	8.1	12.1#
236	26.8	21.4	32.0





#77

Benzidine

Concen: 39.311 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

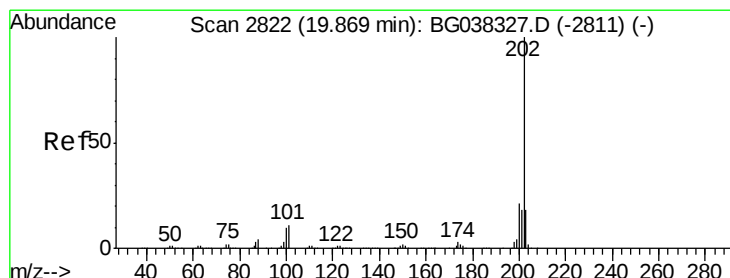
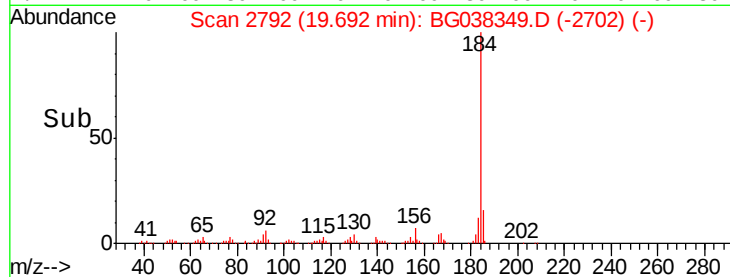
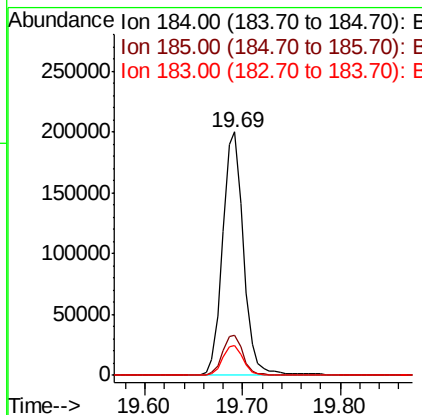
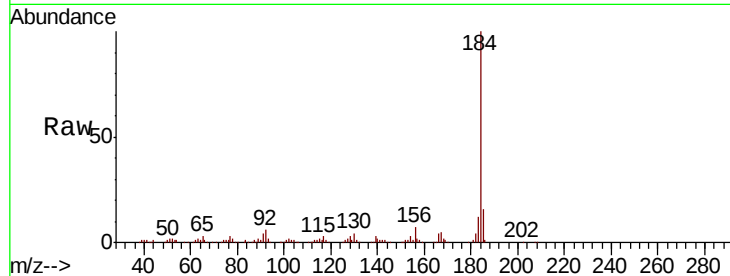
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	297139
Ion Ratio	Lower	Upper	
184	100		
185	16.4	12.6	18.8
183	12.1	10.2	15.2

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#78

Pyrene

Concen: 36.545 ng

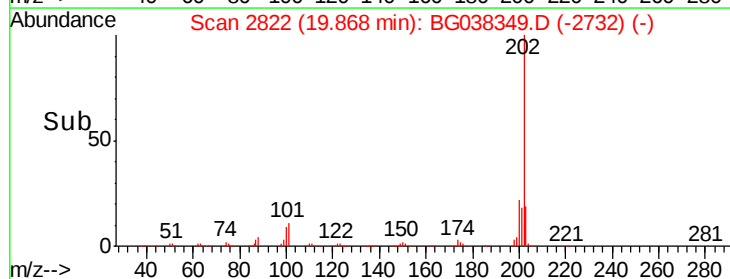
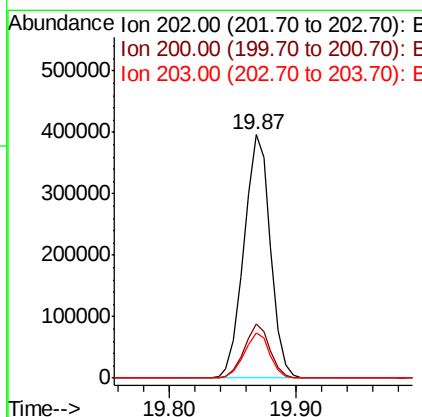
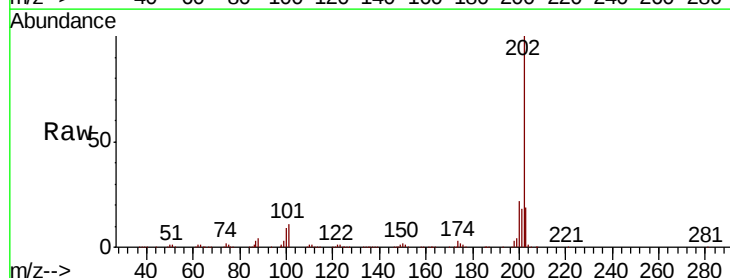
RT: 19.87 min Scan# 2822

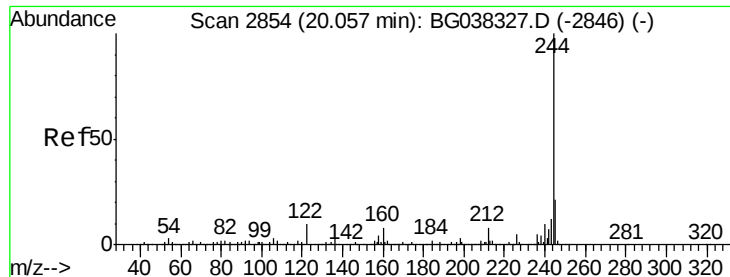
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	202	Resp:	572745
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.8	26.6
203	18.7	15.2	22.8





#79

Terphenyl-d14

Concen: 75.235 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

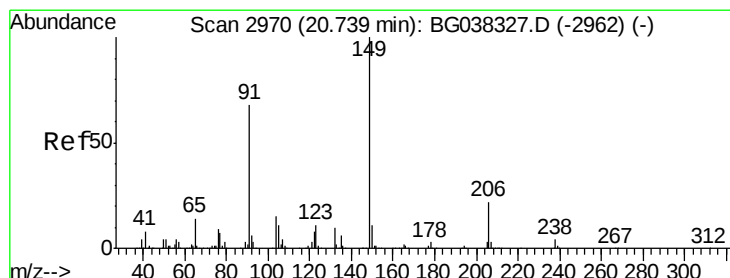
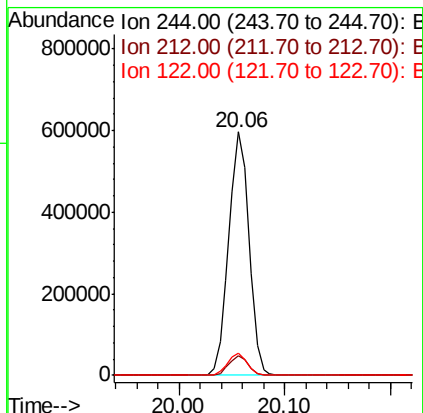
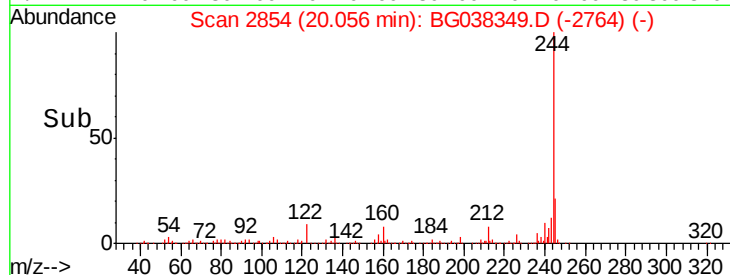
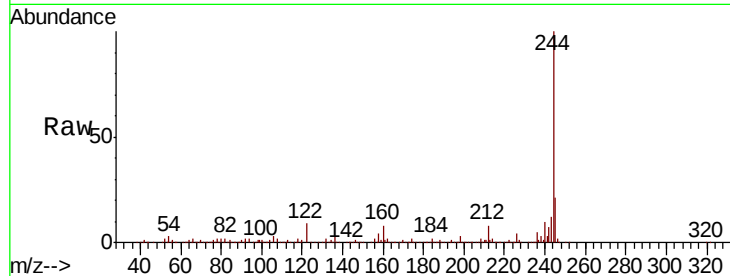
ClientSampleId :

SSTDCCC040

Tot Ion:	244	Resp:	786656
Ion Ratio		Lower	Upper
244	100		
212	7.9	6.5	9.7
122	8.9	9.0	13.4#

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#80

Butylbenzylphthalate

Concen: 38.931 ng

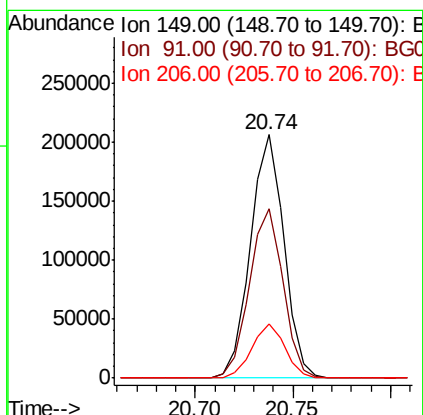
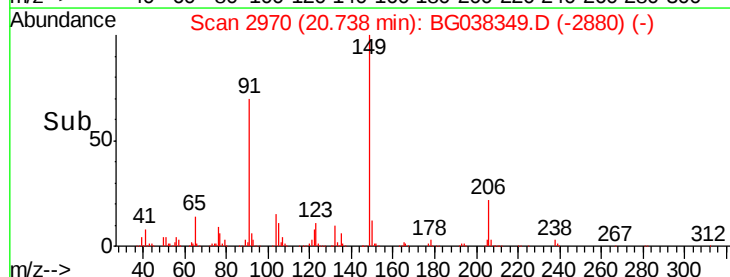
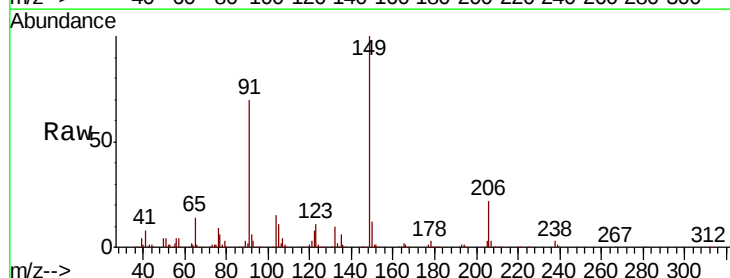
RT: 20.74 min Scan# 2970

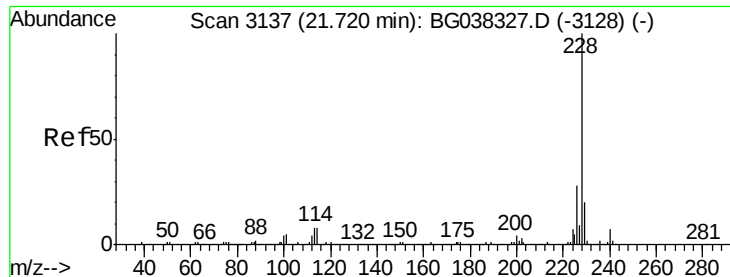
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	149	Resp:	245400
Ion Ratio		Lower	Upper
149	100		
91	69.7	57.0	85.4
206	22.4	17.8	26.6





#81

Benzo(a)anthracene

Concen: 38.888 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

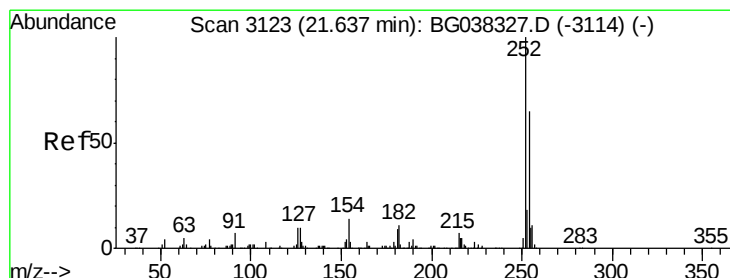
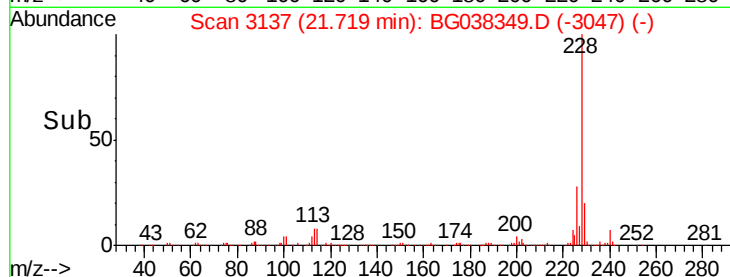
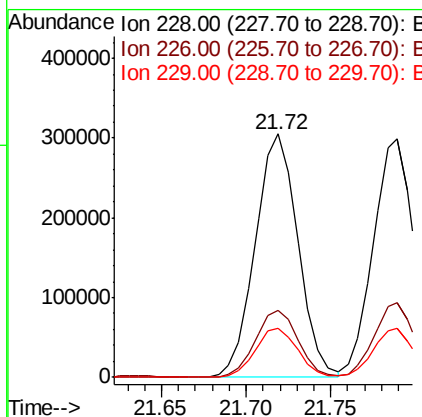
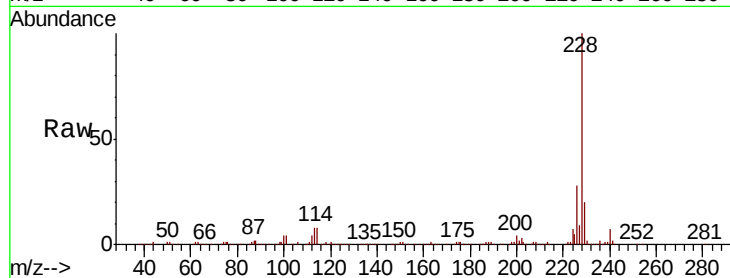
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	535363
Ion Ratio		Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.4	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 39.488 ng

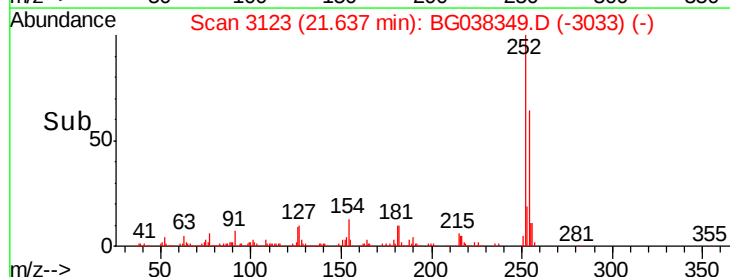
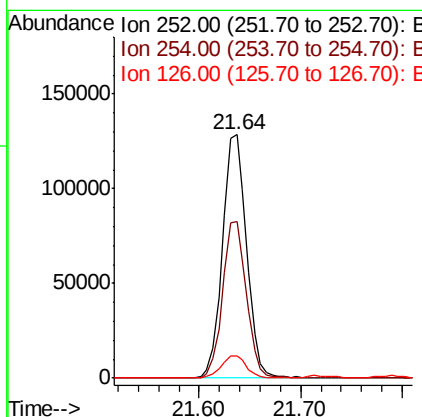
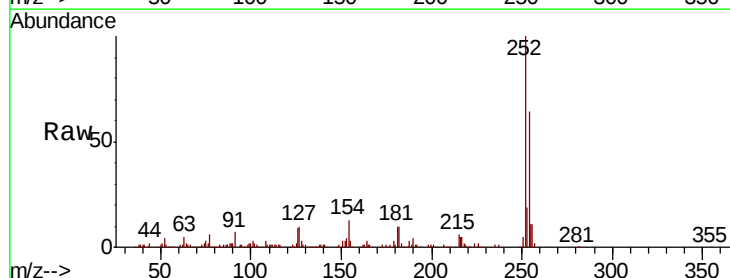
RT: 21.64 min Scan# 3123

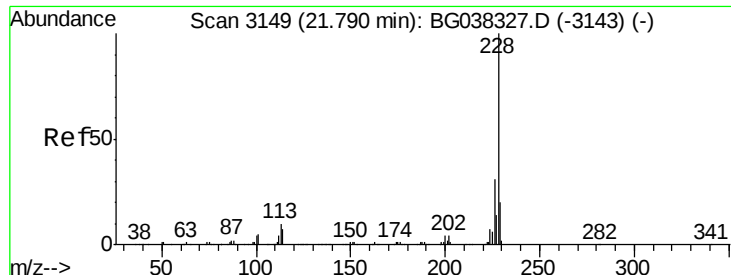
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	252	Resp:	211477
Ion Ratio		Lower	Upper
252	100		
254	64.3	52.0	78.0
126	9.3	8.2	12.4





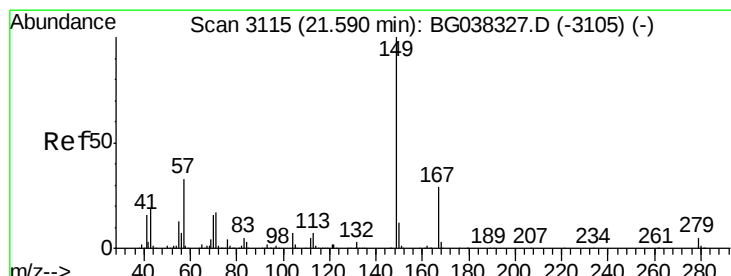
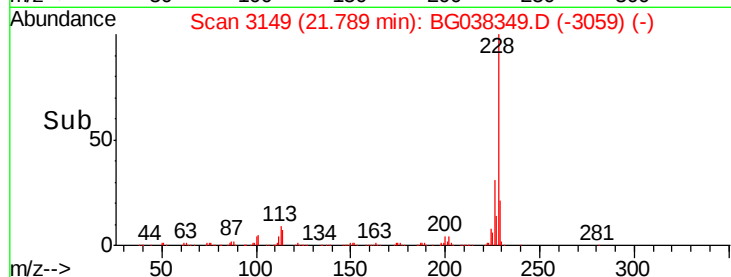
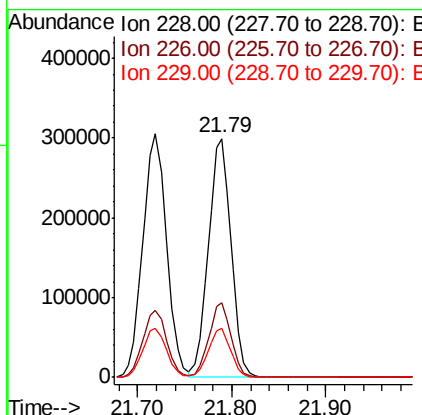
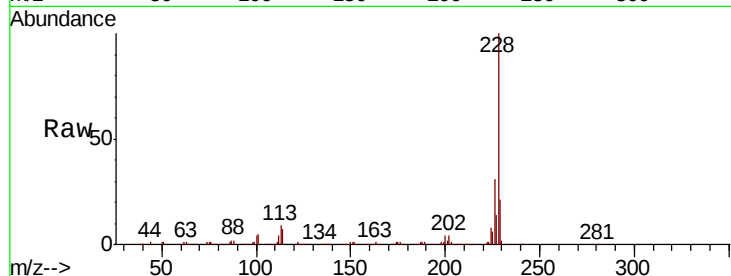
#83
 Chrvsene
 Concen: 38.843 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	228	Resp:	506034
Ion Ratio		Lower	Upper
228	100		
226	31.1	25.7	38.5
229	20.6	16.5	24.7

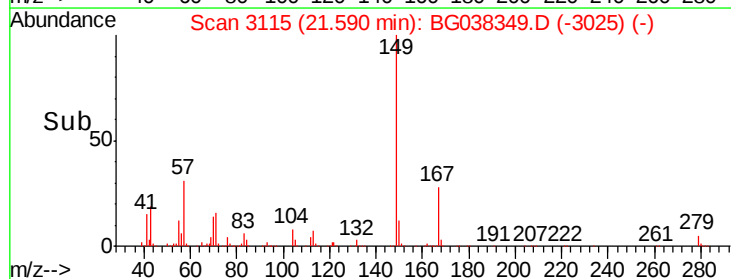
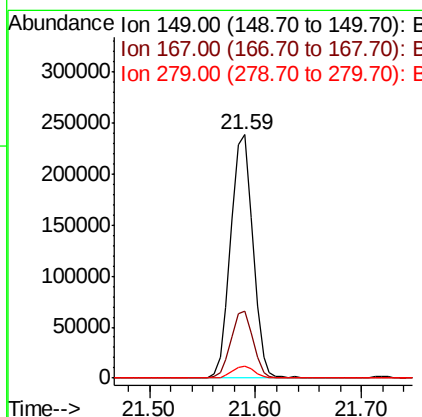
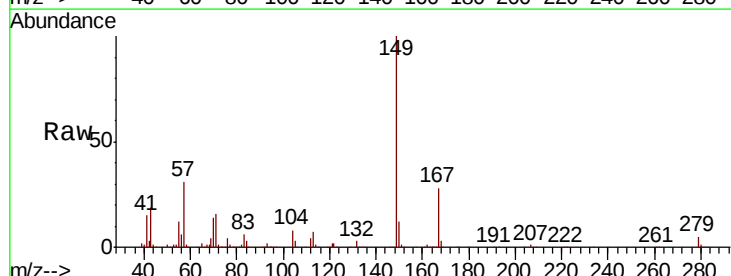
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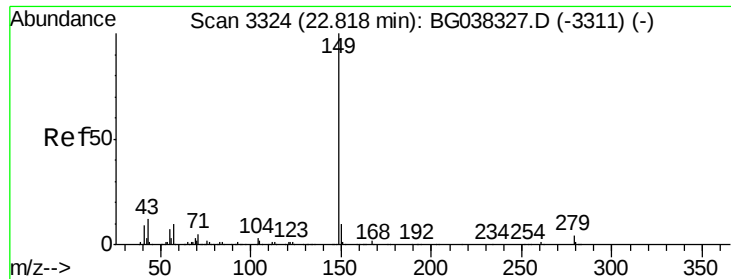
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.621 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.00 min
 Lab File: BG038349.D
 Acq: 5 Dec 2018 7:45

Tgt Ion:	149	Resp:	345055
Ion Ratio		Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.8	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 37.321 ng

RT: 22.82 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

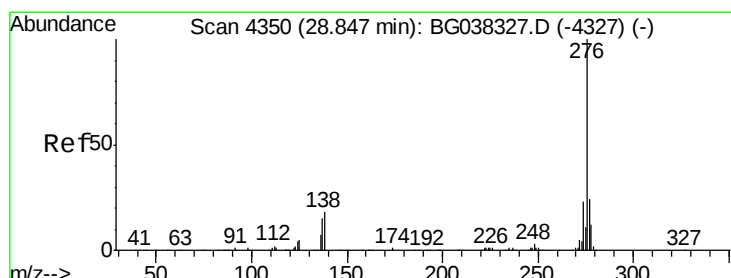
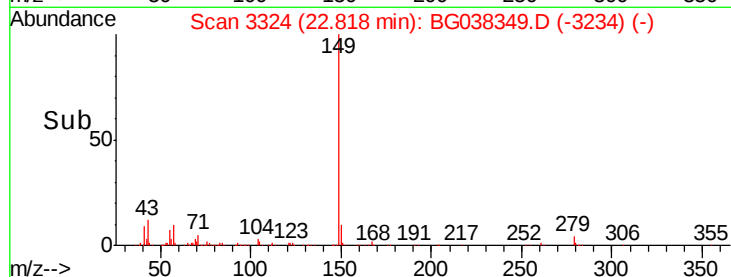
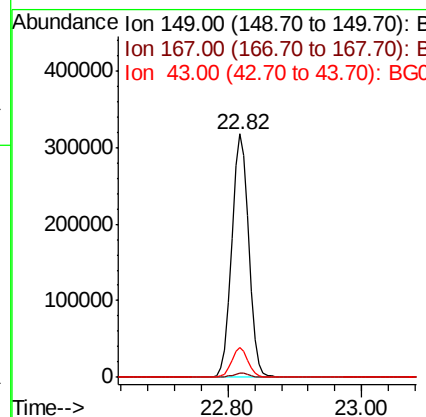
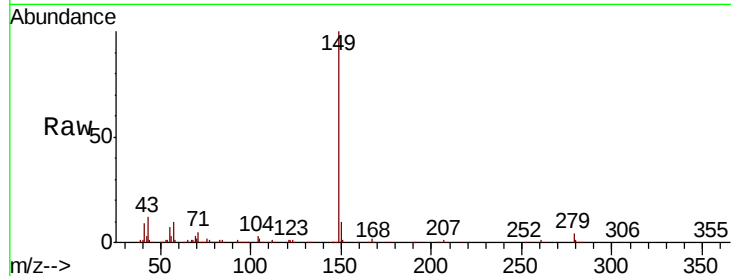
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	571749
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	12.0	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.694 ng

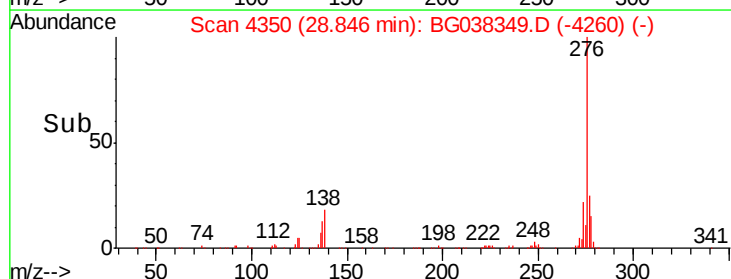
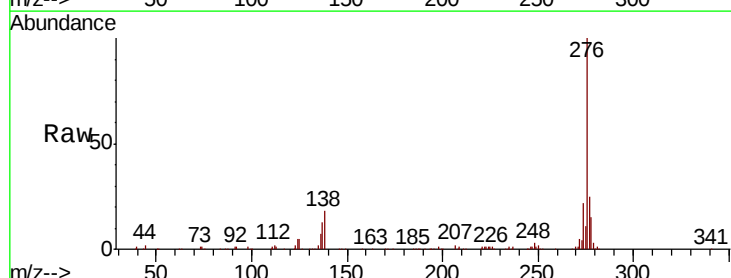
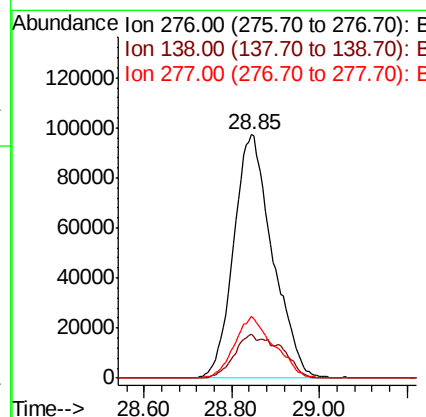
RT: 28.85 min Scan# 4350

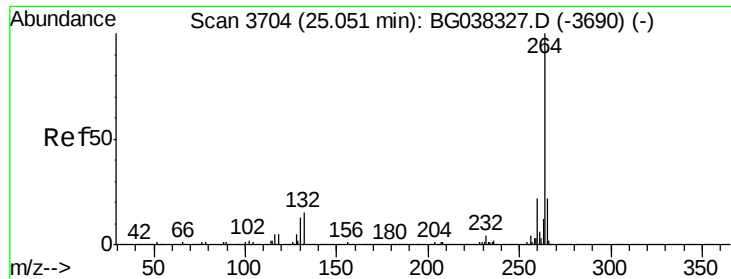
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	276	Resp:	587706
Ion Ratio	Lower	Upper	
276	100		
138	15.7	12.0	18.0
277	25.5	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

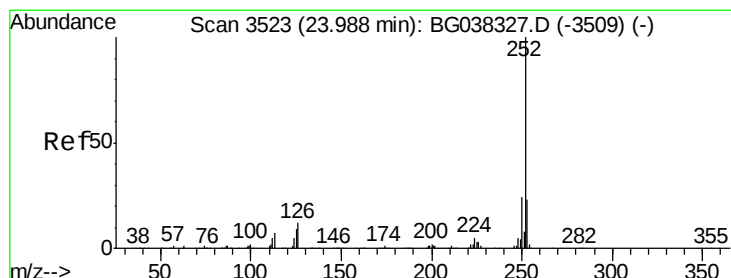
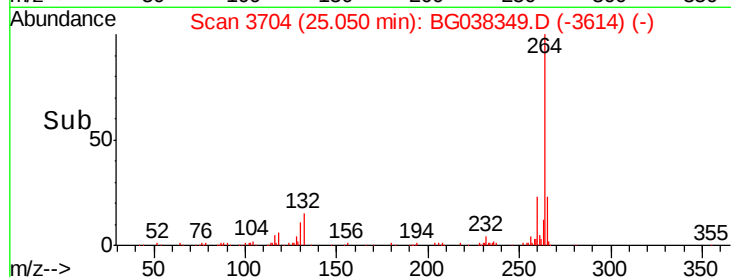
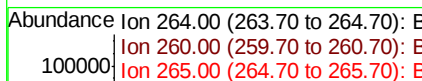
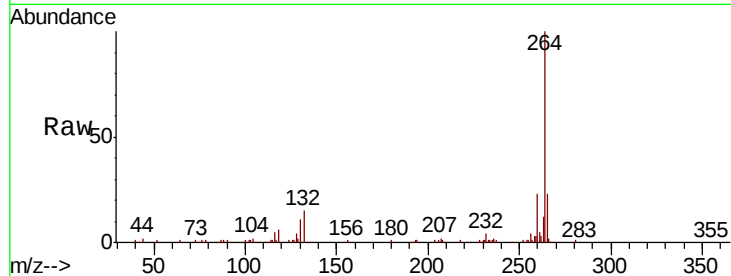
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	239099
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.4
265	22.5	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 43.226 ng

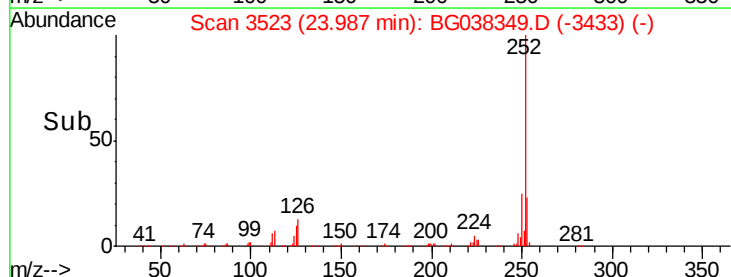
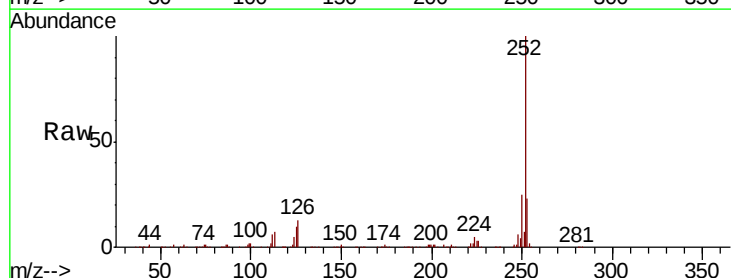
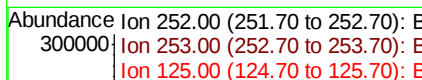
RT: 23.99 min Scan# 3523

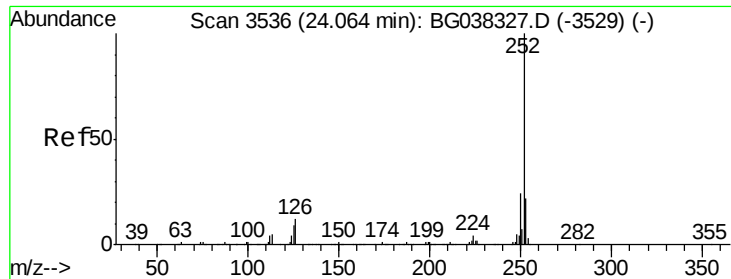
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	252	Resp:	583973
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.2
125	10.3	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 40.768 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Instrument :

BNA_G

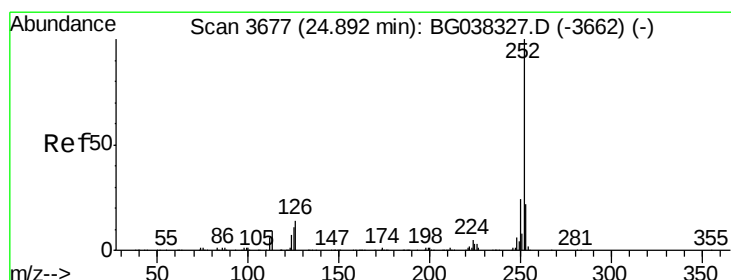
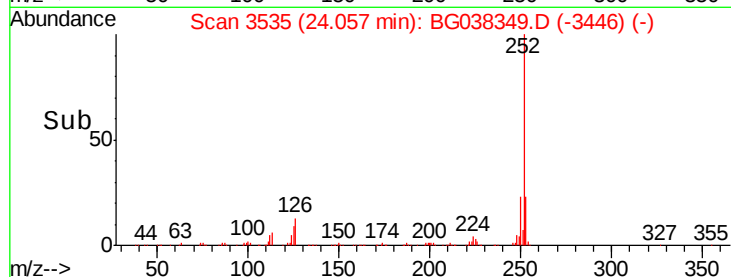
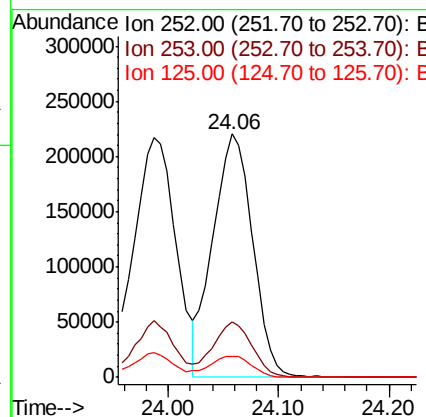
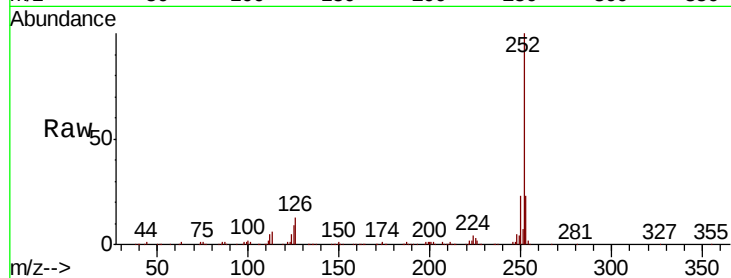
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	548548
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.2
125	8.8	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 38.260 ng

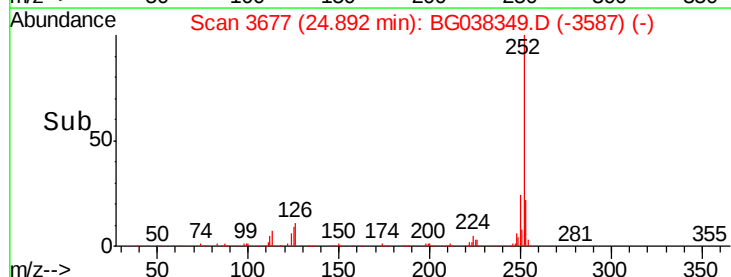
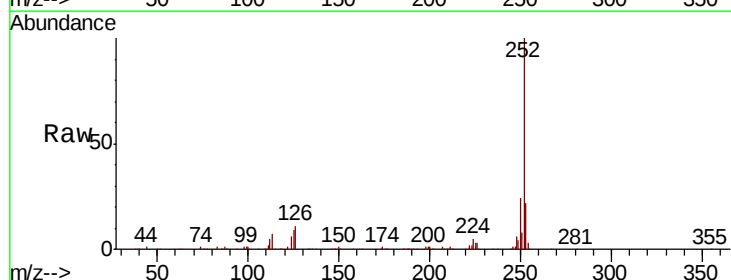
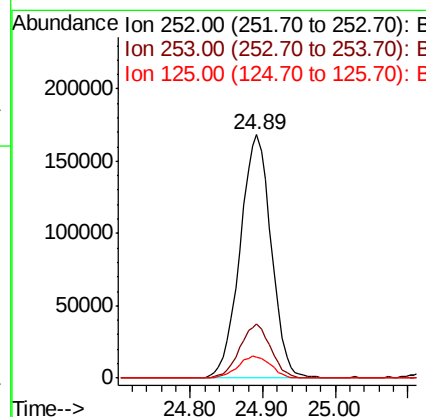
RT: 24.89 min Scan# 3677

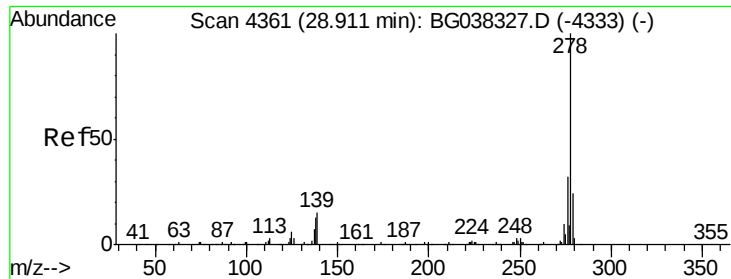
Delta R.T. -0.00 min

Lab File: BG038349.D

Acq: 5 Dec 2018 7:45

Tgt Ion:	252	Resp:	501374
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	8.7	9.0	13.6#





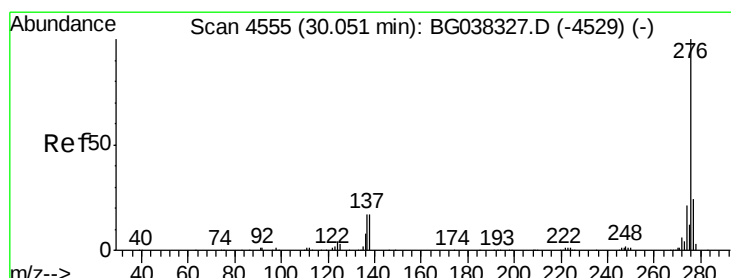
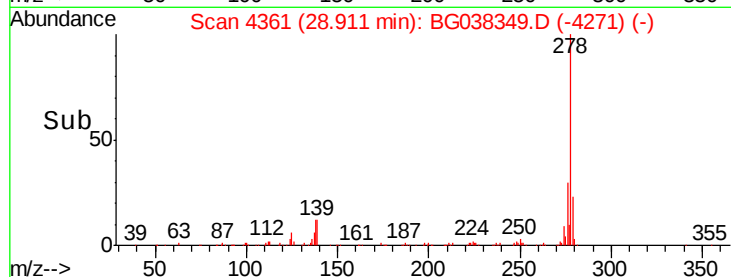
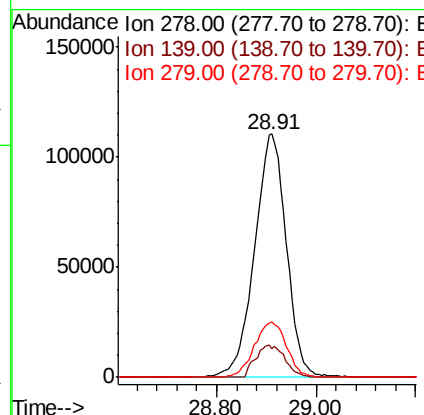
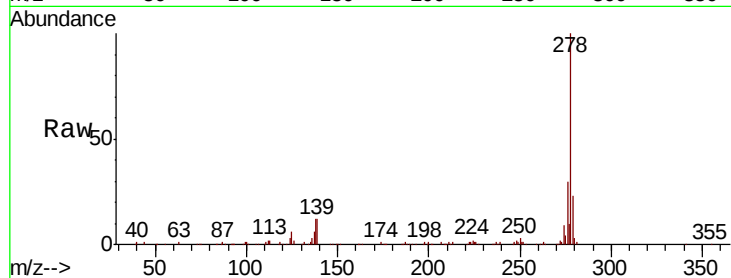
#91
Dibenzo(a,h)anthracene
Concen: 39.446 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.7	11.5	17.3
279	22.9	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:20 AM



#92
Benzo(g,h,i)perylene
Concen: 39.133 ng
RT: 30.04 min Scan# 4554
Delta R.T. -0.01 min
Lab File: BG038349.D
Acq: 5 Dec 2018 7:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	18.6	17.2	25.8

