

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040956.D
 Acq On : 30 May 2019 18:55
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Manual Integrations
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mohammad
 5/31/2019 8:19:01 AM

Quant Time: May 31 04:23:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	63918	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	271984	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	192836	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	490188	20.00	ng	0.00
76) Chrysene-d12	21.78	240	479070	20.00	ng	0.00
87) Perylene-d12	25.12	264	503620	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	305231	86.11	ng	0.00
7) Phenol-d6	7.27	99	437580	79.93	ng	0.00
23) Nitrobenzene-d5	9.30	82	506136	82.61	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	236158	82.49	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1107461	82.71	ng	0.00
79) Terphenyl-d14	20.09	244	1861770	82.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	63330	39.372	ng	92
3) Pyridine	3.93	79	203239	42.702	ng	96
4) n-Nitrosodimethylamine	3.86	42	102090	46.217	ng	# 89
6) Aniline	7.45	93	307321	42.058	ng	98
8) 2-Chlorophenol	7.68	128	173229	40.992	ng	94
9) Benzaldehyde	7.27	77	142446	43.620	ng	90
10) Phenol	7.30	94	233148	39.721	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	179721	42.207	ng	99
12) 1,3-Dichlorobenzene	8.01	146	218111	43.214	ng	95
13) 1,4-Dichlorobenzene	8.16	146	215920	42.263	ng	96
14) 1,2-Dichlorobenzene	8.48	146	207423	41.815	ng	100
15) Benzyl Alcohol	8.36	79	209836	41.437	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	288082	41.403	ng	97
17) 2-Methylphenol	8.55	107	165845	39.023	ng	96
18) Hexachloroethane	9.21	117	83972	42.645	ng	98
19) n-Nitroso-di-n-propylamine	8.93	70	175264	41.602	ng	98
20) 3+4-Methylphenols	8.89	107	229156	38.926	ng	98
22) Acetophenone	8.95	105	315971	41.414	ng	# 98
24) Nitrobenzene	9.35	77	259255	41.524	ng	96
25) Isophorone	9.86	82	483546	41.472	ng	99
26) 2-Nitrophenol	10.06	139	109364	42.489	ng	99
27) 2,4-Dimethylphenol	10.10	122	168020	39.525	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	259482	41.234	ng	100
29) 2,4-Dichlorophenol	10.59	162	207560	38.450	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	249583	40.642	ng	99
31) Naphthalene	11.00	128	589856	40.393	ng	99
32) Benzoic acid	10.24	122	125168	39.584	ng	96
33) 4-Chloroaniline	11.11	127	271392	40.054	ng	97
34) Hexachlorobutadiene	11.26	225	192727	41.016	ng	98
35) Caprolactam	11.90	113	72242	40.525	ng	98
36) 4-Chloro-3-methylphenol	12.21	107	235555	38.208	ng	97
37) 2-Methylnaphthalene	12.59	142	439598	39.086	ng	98
38) 1-Methylnaphthalene	12.81	142	415671m	39.220	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	321000	41.300	ng	99

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 SSTDCCC040

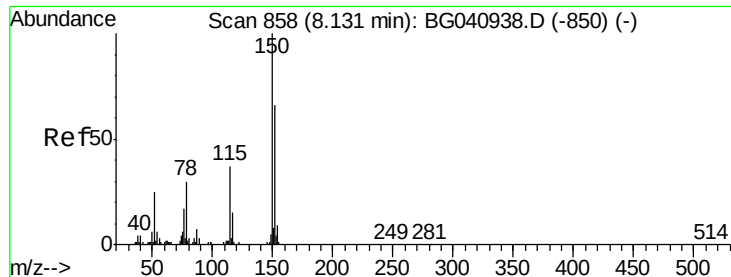
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	193158	49.708	ng	97
43) 2,4,6-Trichlorophenol	13.19	196	207004	41.170	ng	94
44) 2,4,5-Trichlorophenol	13.26	196	210894	39.771	ng	98
46) 1,1'-Biphenyl	13.59	154	579551	40.602	ng	98
47) 2-Chloronaphthalene	13.64	162	502668	41.020	ng	99
48) 2-Nitroaniline	13.85	65	191328	43.522	ng	100
49) Acenaphthylene	14.48	152	749476	40.637	ng	99
50) Dimethylphthalate	14.20	163	675965	41.410	ng	99
51) 2,6-Dinitrotoluene	14.33	165	145770	41.418	ng	97
52) Acenaphthene	14.82	154	448690	40.159	ng	95
53) 3-Nitroaniline	14.67	138	146825	41.719	ng	94
54) 2,4-Dinitrophenol	14.87	184	95564	59.315	ng	96
55) Dibenzofuran	15.15	168	760284	40.441	ng	99
56) 4-Nitrophenol	14.95	139	112789	46.723	ng	91
57) 2,4-Dinitrotoluene	15.12	165	208259	41.890	ng	98
58) Fluorene	15.80	166	601933	40.204	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	213150	40.902	ng	99
60) Diethylphthalate	15.55	149	682521	40.971	ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	395193	40.610	ng	96
62) 4-Nitroaniline	15.83	138	158559	42.556	ng	96
63) Azobenzene	16.08	77	616295	40.704	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	127934	48.579	ng	97
66) n-Nitrosodiphenylamine	16.00	169	553624	40.177	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	260535	39.384	ng	99
68) Hexachlorobenzene	16.79	284	281095	39.904	ng	99
69) Atrazine	16.94	200	231626	43.563	ng	98
70) Pentachlorophenol	17.14	266	163155	45.192	ng	99
71) Phenanthrene	17.54	178	1034620	40.521	ng	98
72) Anthracene	17.63	178	1032005	40.981	ng	99
73) Carbazole	17.90	167	908523	42.046	ng	99
74) Di-n-butylphthalate	18.44	149	1119468	41.685	ng	97
75) Fluoranthene	19.54	202	1310822	41.564	ng	98
77) Benzidine	19.72	184	502173	43.941	ng	97
78) Pyrene	19.90	202	1323223	42.489	ng	99
80) Butylbenzylphthalate	20.77	149	506579	41.799	ng	99
81) Benzo(a)anthracene	21.75	228	1285117	40.299	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	471881	42.071	ng	99
83) Chrysene	21.83	228	1231790	40.364	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	687536	40.299	ng	98
85) Di-n-octyl phthalate	22.87	149	1142477	40.209	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1457169	38.979	ng	100
88) Benzo(b)fluoranthene	24.05	252	1256502	41.134	ng	100
89) Benzo(k)fluoranthene	24.12	252	1225381	40.538	ng	99
90) Benzo(a)pyrene	24.96	252	1195416	41.019	ng	98
91) Dibenzo(a,h)anthracene	29.02	278	1178852	40.482	ng	98
92) Benzo(g,h,i)perylene	30.17	276	1166570	41.234	ng	99

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



#1

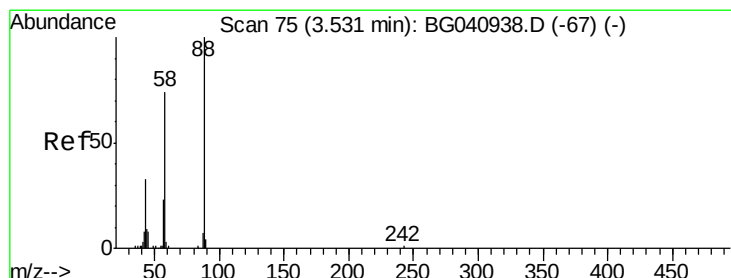
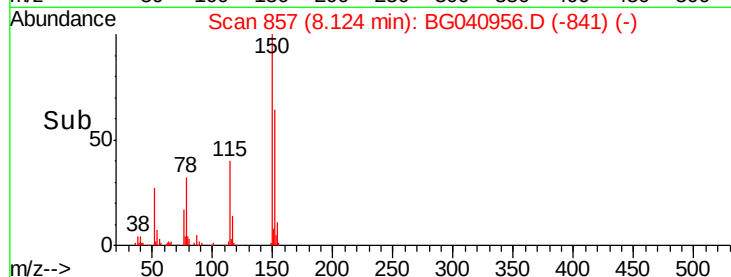
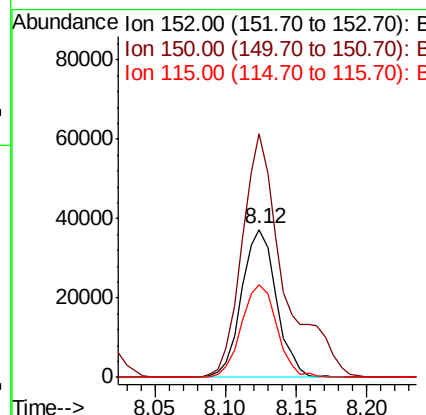
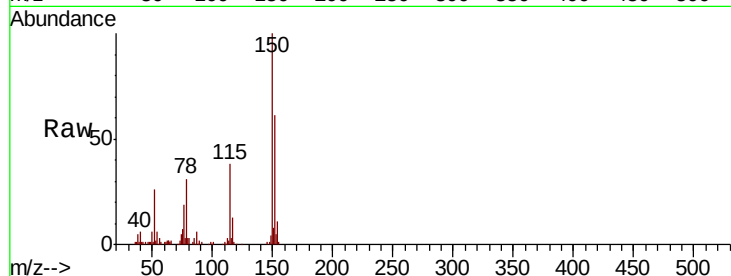
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.8	120.6	180.8
115	63.1	45.1	67.7

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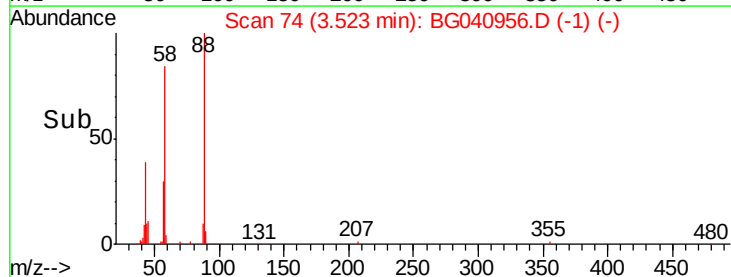
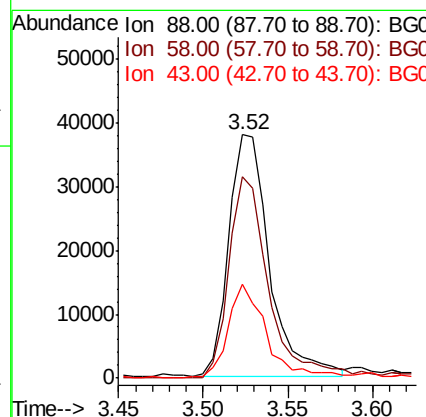
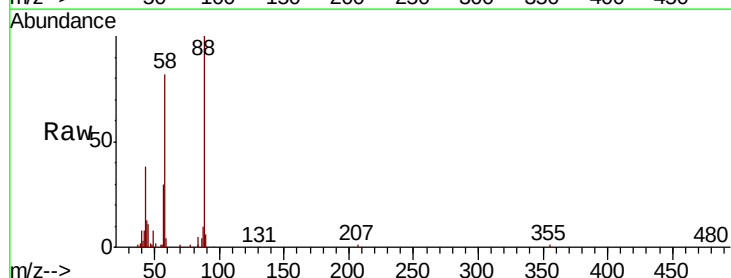
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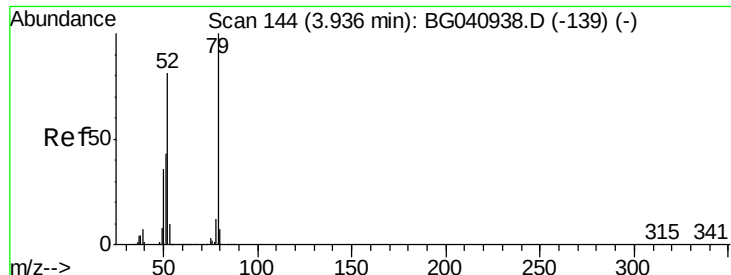


#2

1,4-Dioxane
 Concen: 39.372 ng
 RT: 3.52 min Scan# 74
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.4	59.0	88.6
43	36.7	27.2	40.8





#3

Pvridine

Concen: 42.702 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

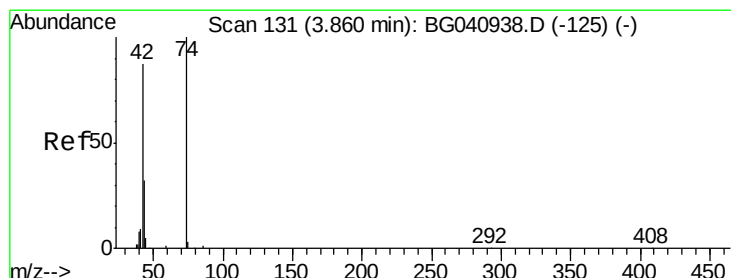
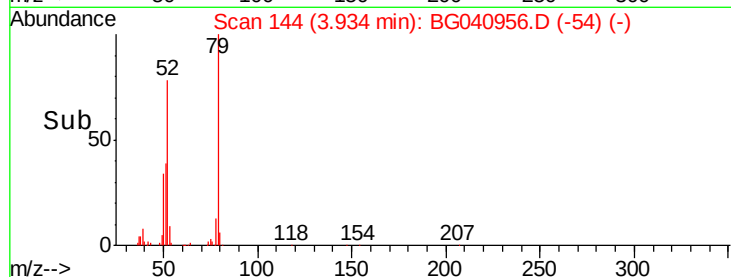
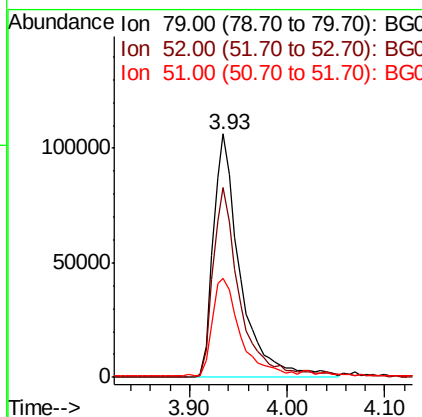
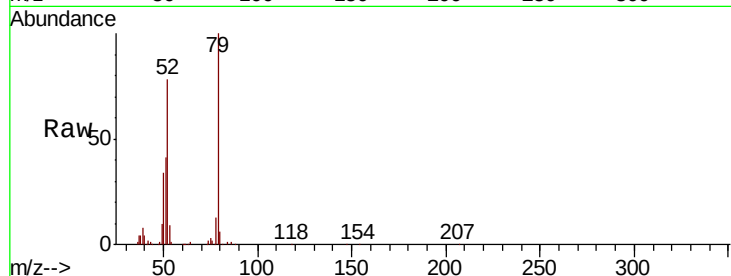
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	203239
Ion Ratio	Lower	Upper	
79	100		
52	78.1	64.8	97.2
51	40.7	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 46.217 ng

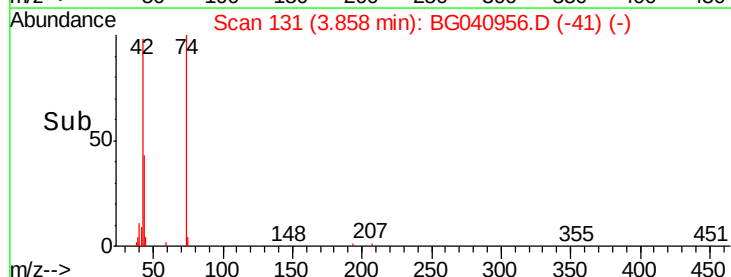
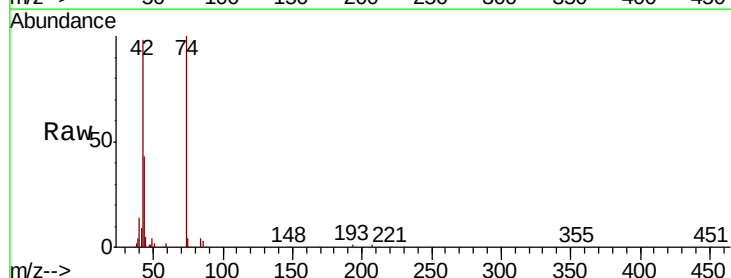
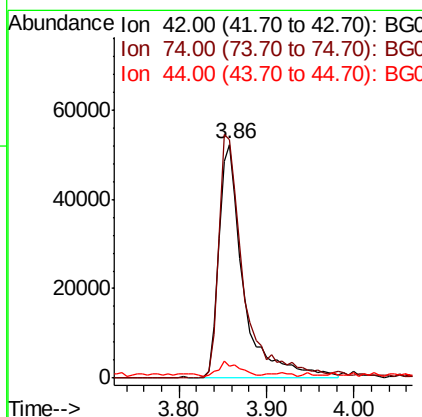
RT: 3.86 min Scan# 131

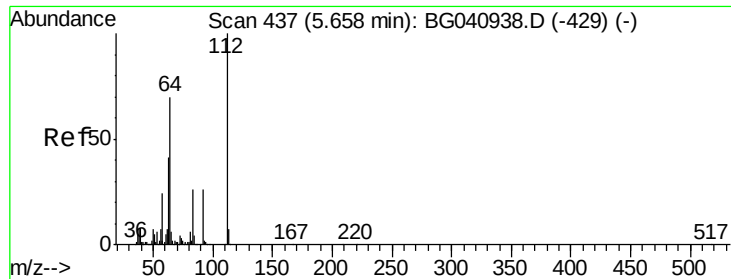
Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	42	Resp:	102090
Ion Ratio	Lower	Upper	
42	100		
74	102.4	91.8	137.6
44	5.2	6.0	9.0#





#5

2-Fluorophenol

Concen: 86.110 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

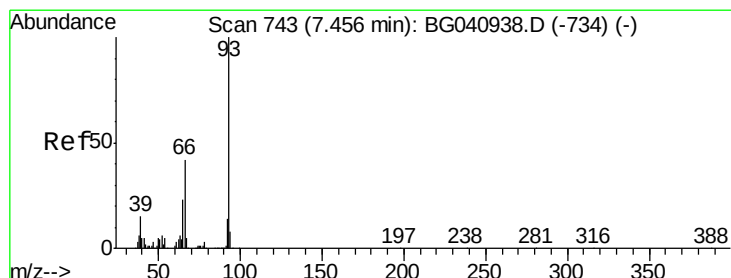
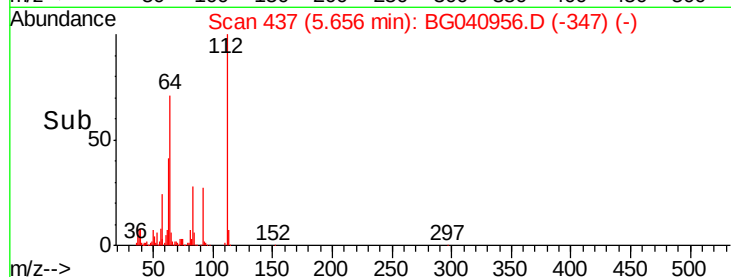
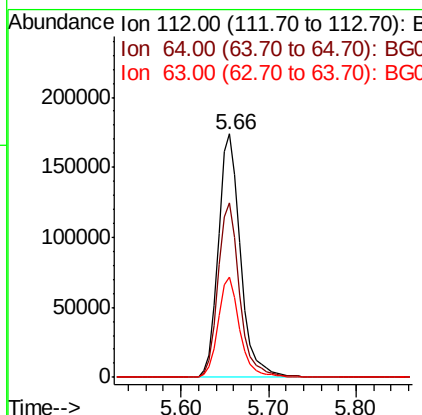
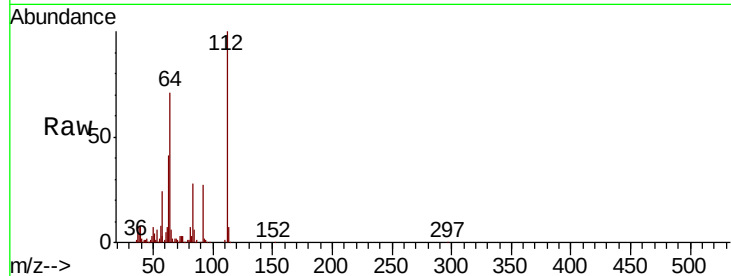
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	305231
Ion Ratio	Lower	Upper	
112	100		
64	71.5	56.2	84.2
63	41.3	32.8	49.2

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#6

Aniline

Concen: 42.058 ng

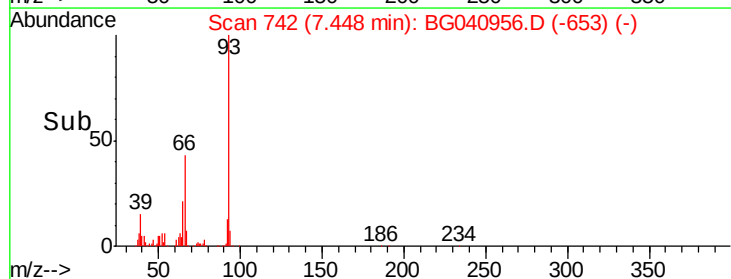
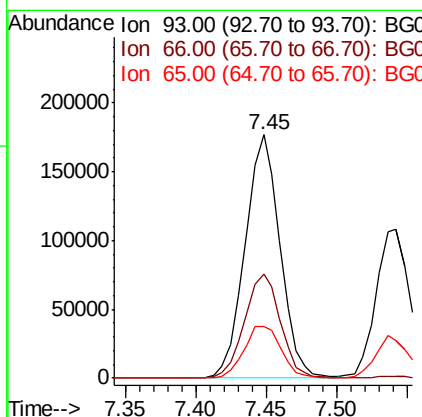
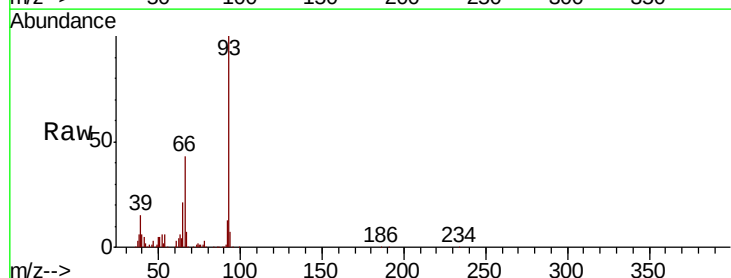
RT: 7.45 min Scan# 742

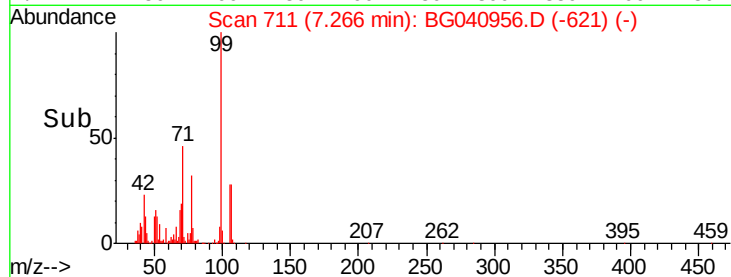
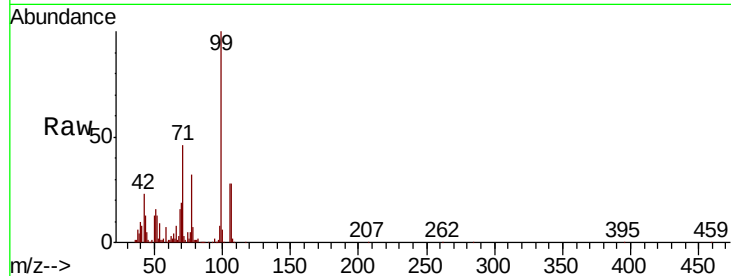
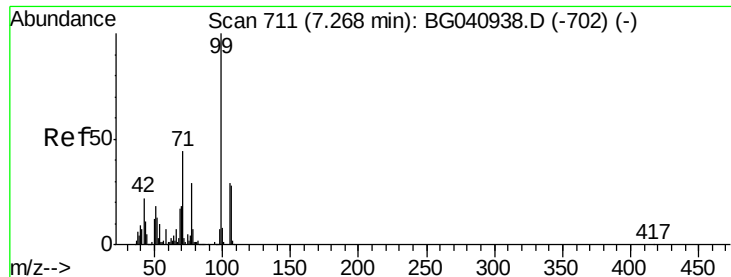
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	93	Resp:	307321
Ion Ratio	Lower	Upper	
93	100		
66	42.8	33.8	50.8
65	21.3	18.3	27.5





#7

Phenol-d6

Concen: 79.932 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tot Ion:	99	Resp:	437580
Ion Ratio	Lower	Upper	
99	100		
42	23.0	17.9	26.9
71	45.6	35.4	53.0

Instrument :

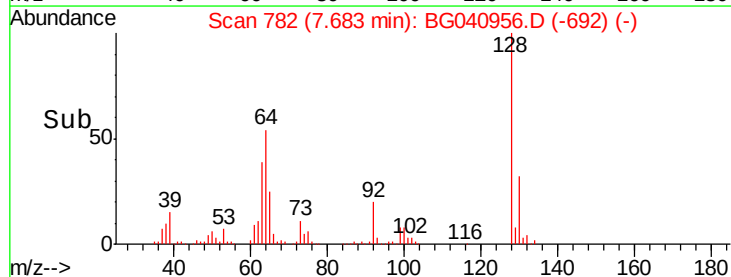
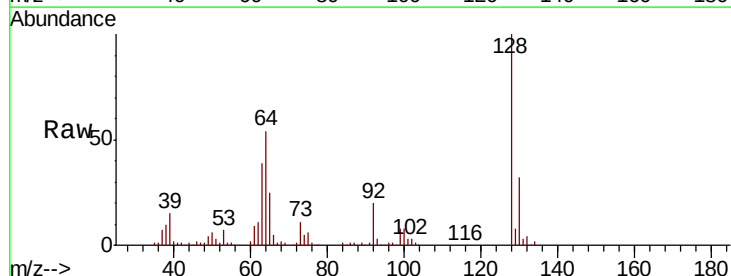
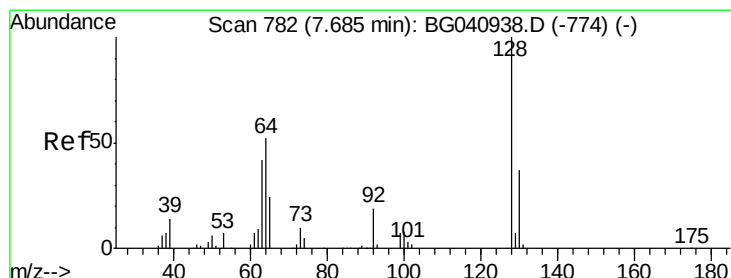
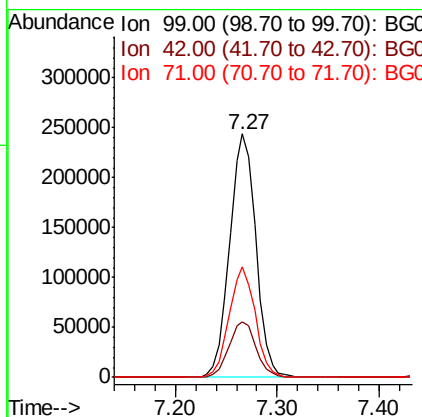
BNA_G

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.992 ng

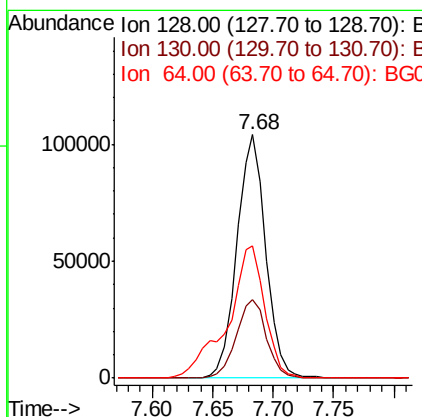
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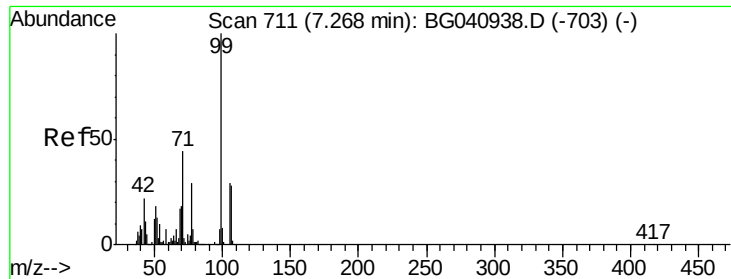
Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	128	Resp:	173229
Ion Ratio	Lower	Upper	
128	100		
130	32.2	16.6	56.6
64	54.1	37.8	77.8





#9

Benzaldehyde

Concen: 43.620 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

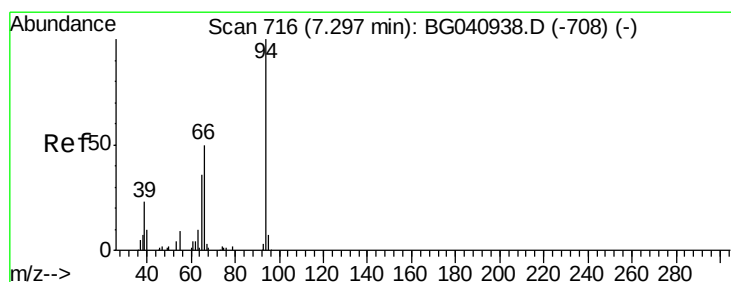
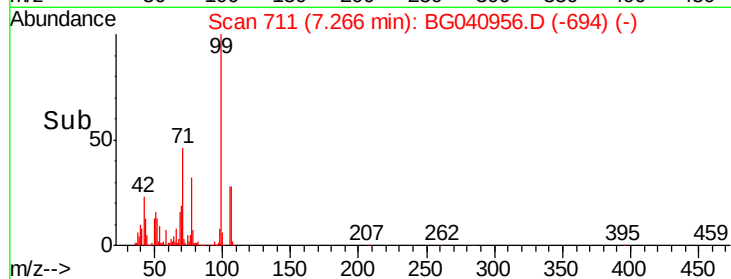
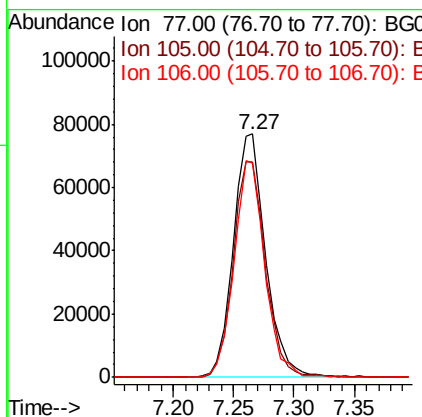
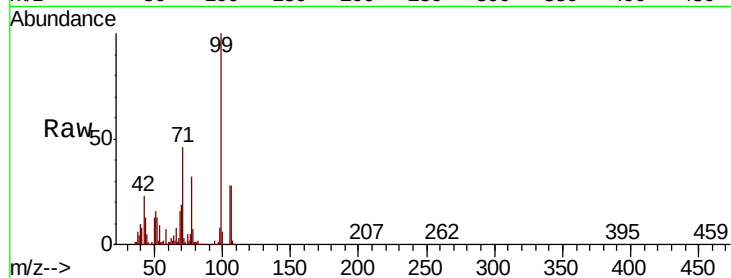
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	142446
Ion	Ratio	Lower	Upper
77	100		
105	88.7	78.9	118.9
106	88.0	76.7	116.7

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#10

Phenol

Concen: 39.721 ng

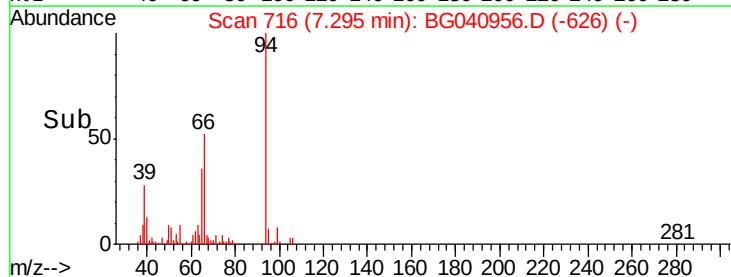
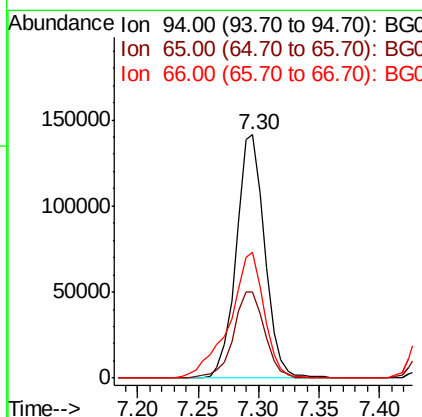
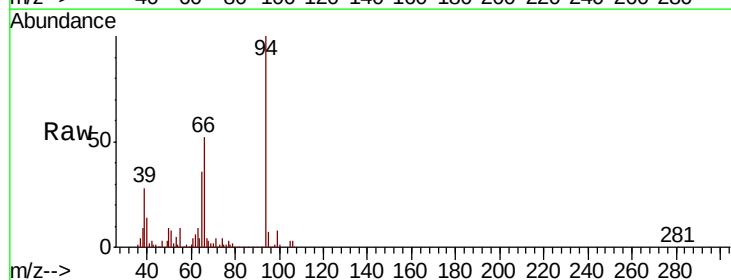
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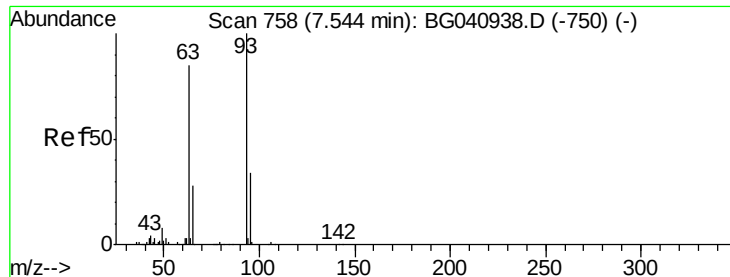
Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	94	Resp:	233148
Ion	Ratio	Lower	Upper
94	100		
65	35.5	17.0	57.0
66	51.9	32.4	72.4





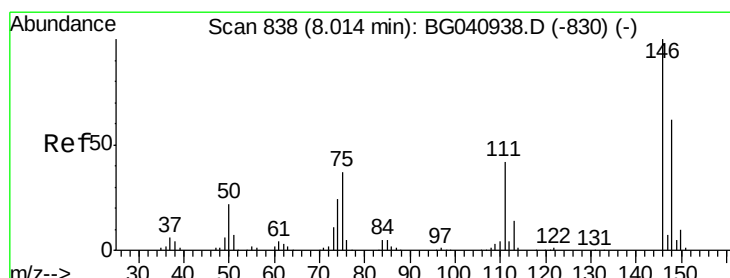
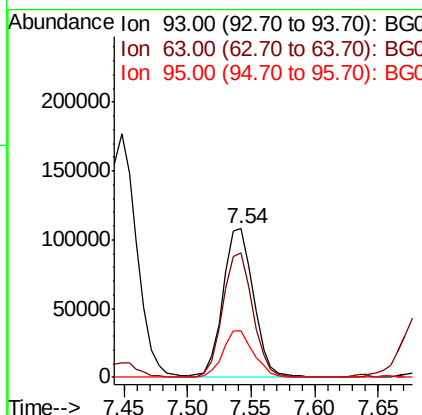
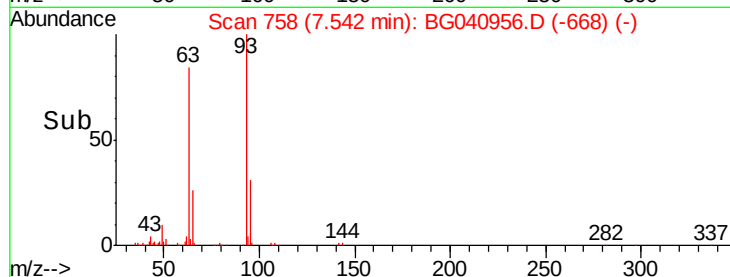
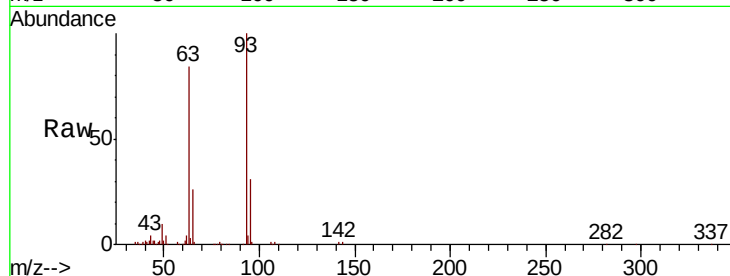
#11
bis(2-Chloroethyl)ether
Concen: 42.207 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	179721
Ion	Ratio	Lower	Upper
93	100		
63	84.3	64.5	104.5
95	31.4	13.3	53.3

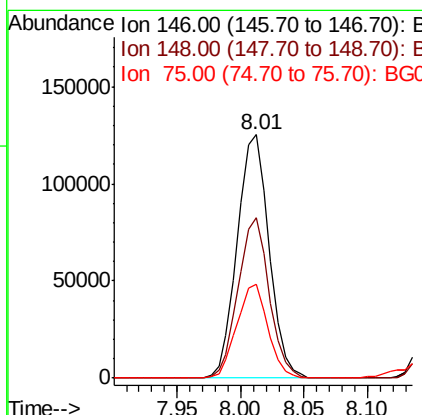
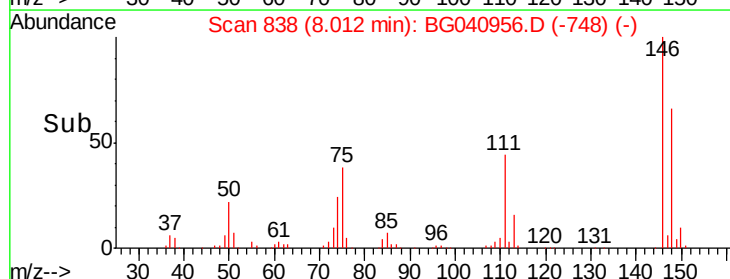
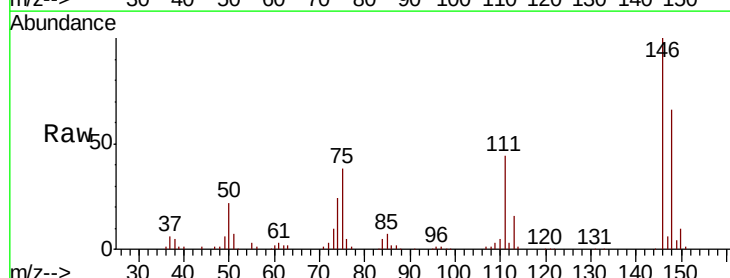
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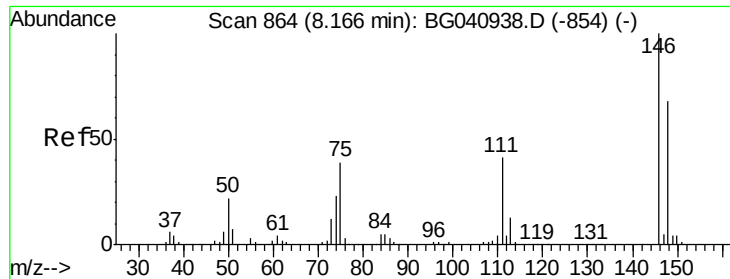
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.214 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion:	146	Resp:	218111
Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.2	73.8
75	38.4	29.4	44.0





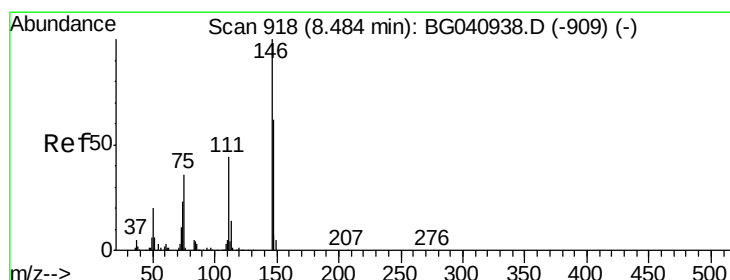
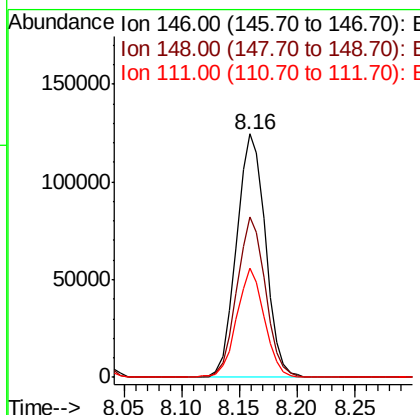
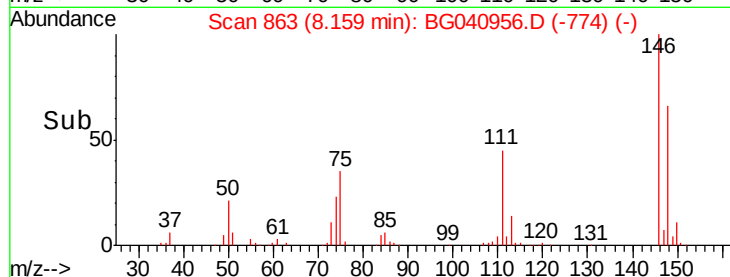
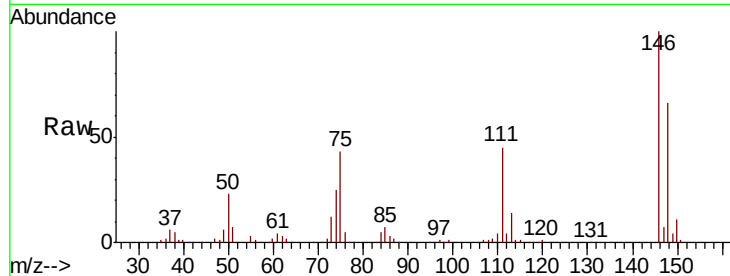
#13
 1,4-Dichlorobenzene
 Concen: 42.263 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	54.2	81.4
111	45.0	32.9	49.3

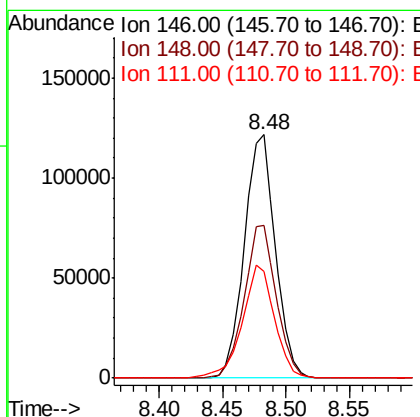
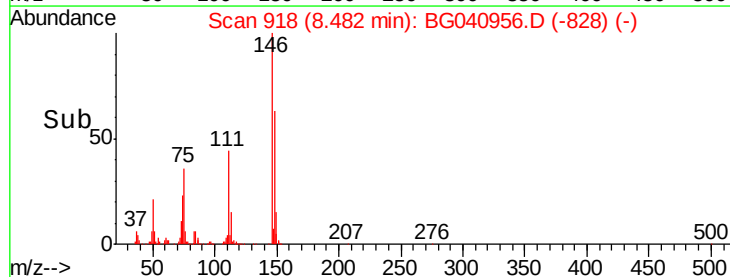
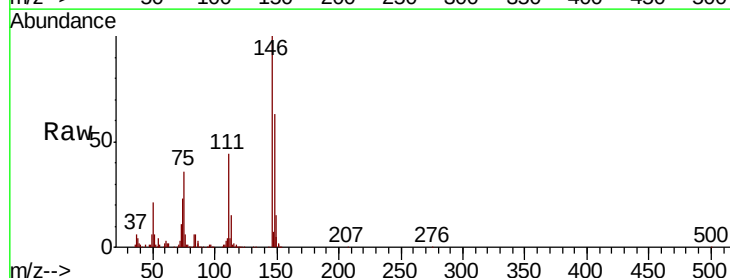
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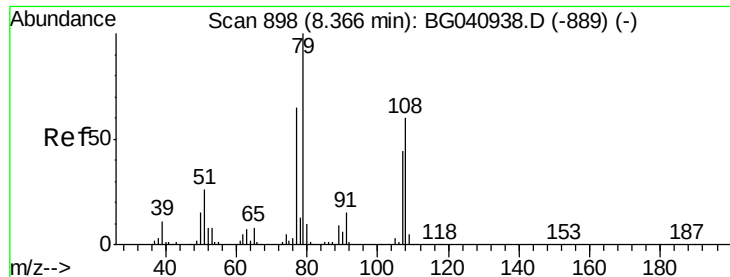
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.815 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.8	74.6
111	43.8	35.0	52.4





#15

Benzyl Alcohol

Concen: 41.437 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

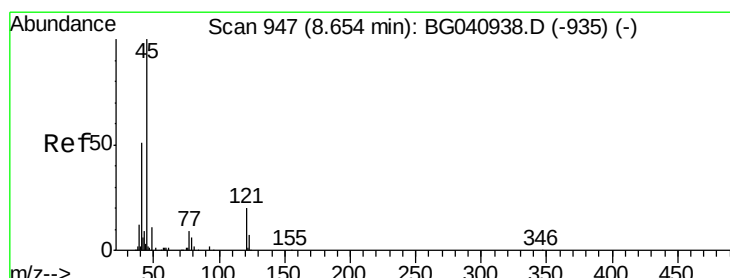
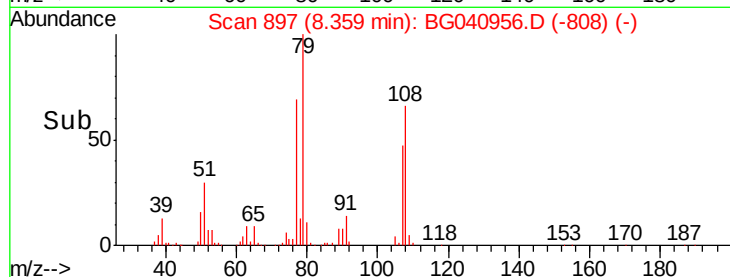
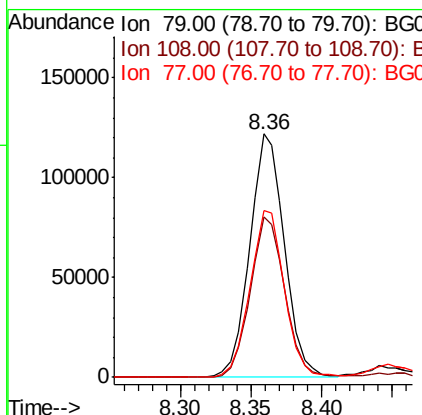
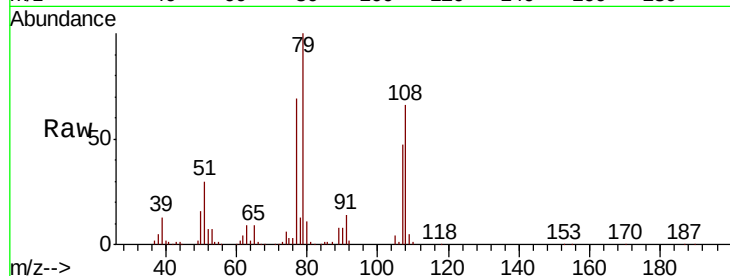
ClientSampleId :

SSTDCCC040

Tot Ion	79	Resp	209836
Ion Ratio	Lower	Upper	
79	100		
108	65.8	48.3	72.5
77	68.7	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.403 ng

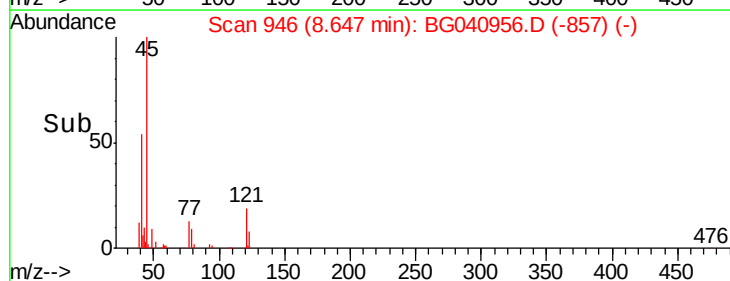
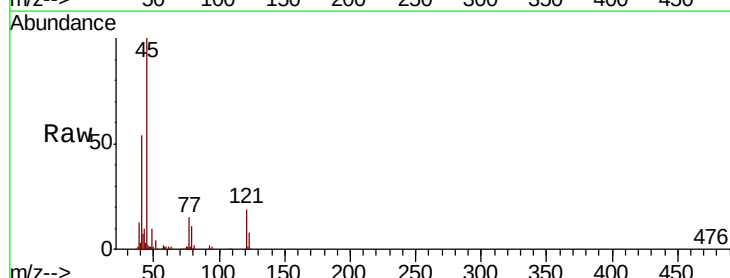
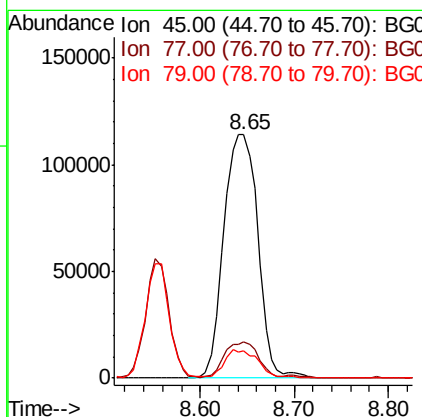
RT: 8.65 min Scan# 946

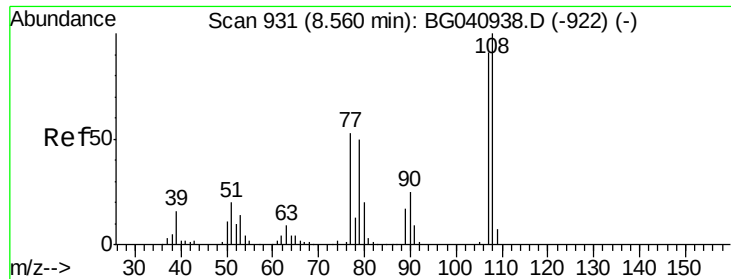
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion	45	Resp	288082
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	33.7
79	11.3	0.0	30.2





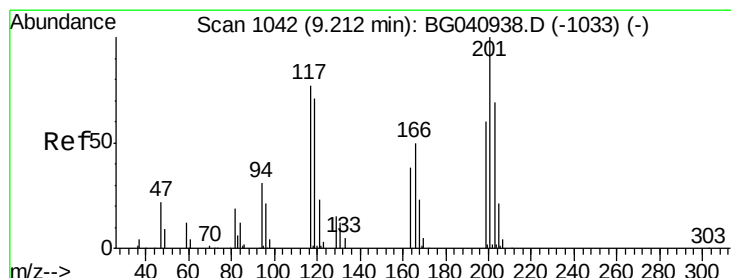
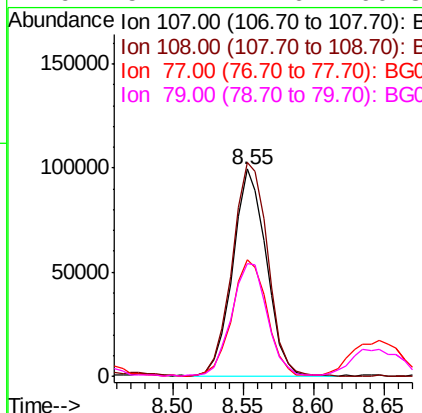
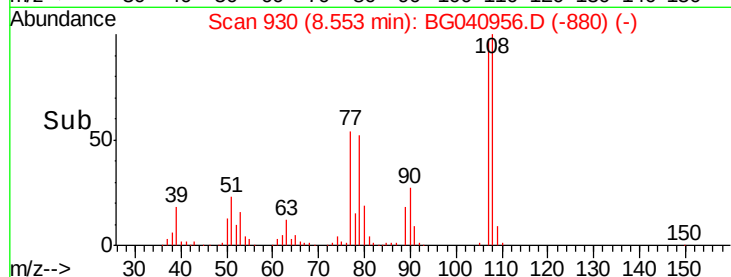
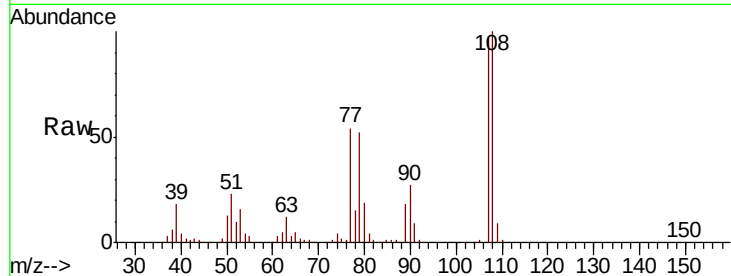
#17
2-Methylphenol
Concen: 39.023 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.1	87.7	131.5	
77	56.1	46.6	70.0	
79	54.1	44.6	66.8	

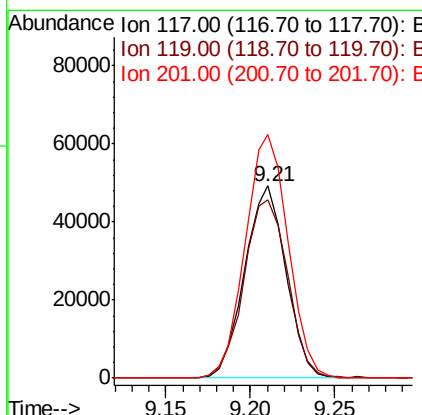
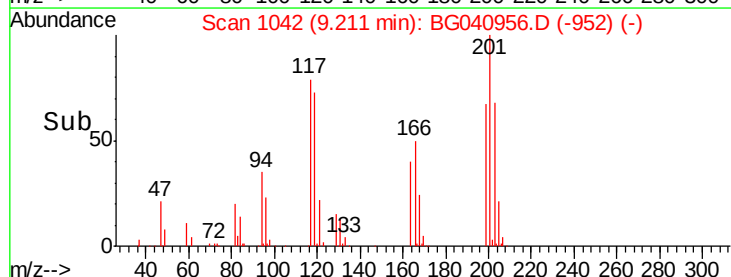
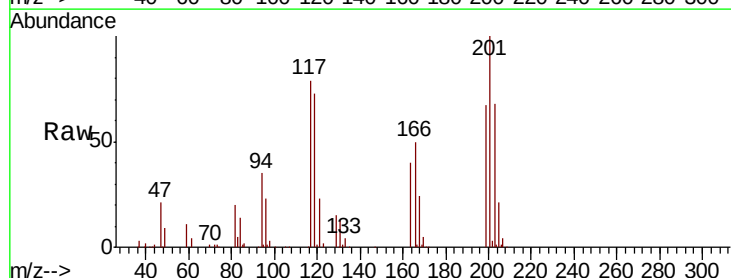
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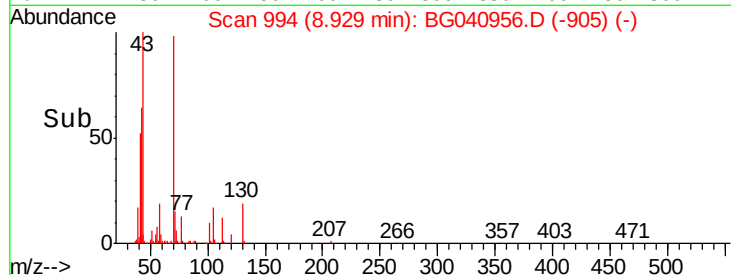
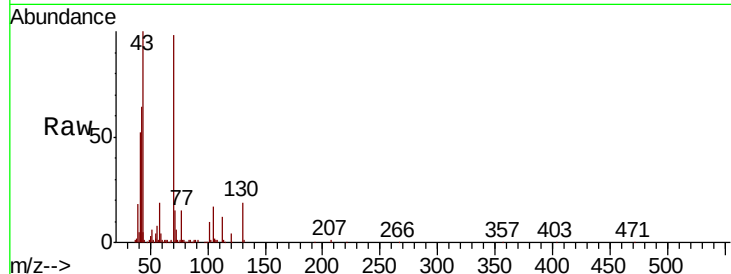
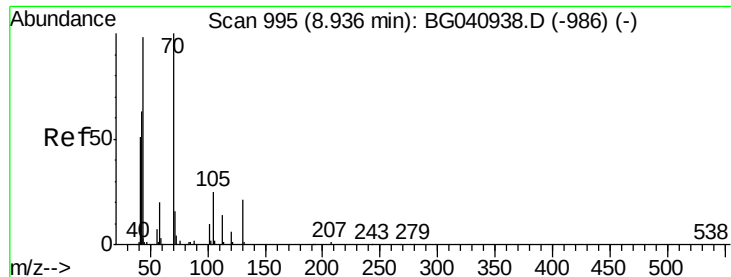
mohammad
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#18
Hexachloroethane
Concen: 42.645 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.4	75.0	112.6	
201	126.6	103.5	155.3	





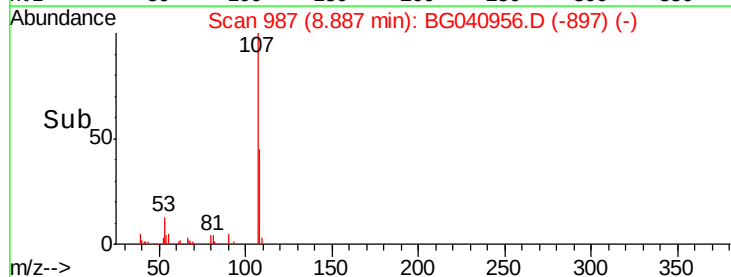
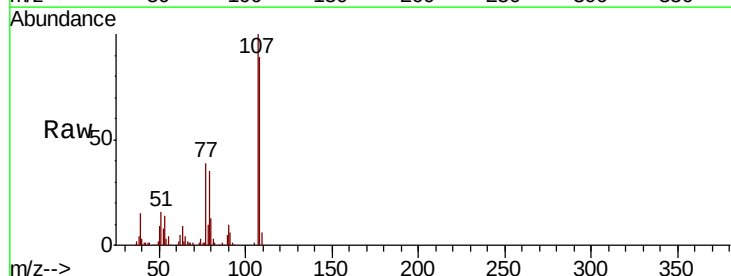
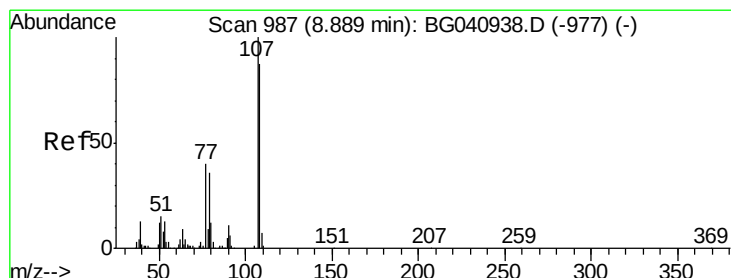
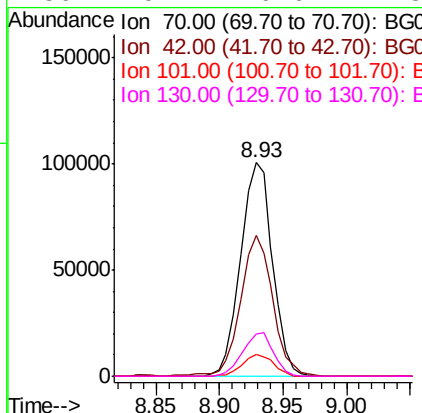
#19
n-Nitroso-di-n-propylamine
Concen: 41.602 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.0	51.5	77.3	
101	10.4	8.1	12.1	
130	19.7	16.6	24.8	

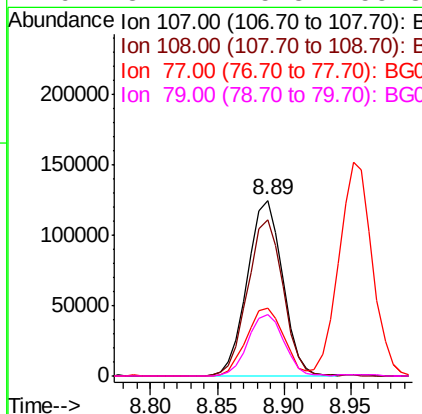
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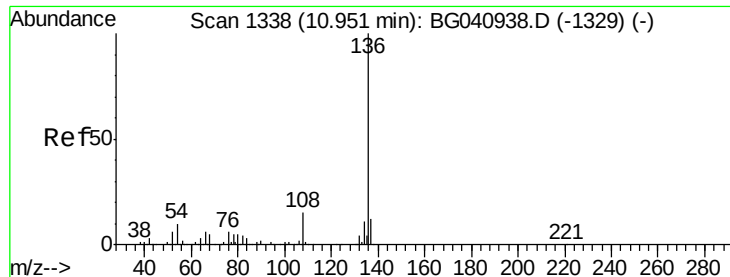
mohammad
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#20
3+4-Methylphenols
Concen: 38.926 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	66.8	106.8	
77	38.7	20.5	60.5	
79	34.7	15.8	55.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

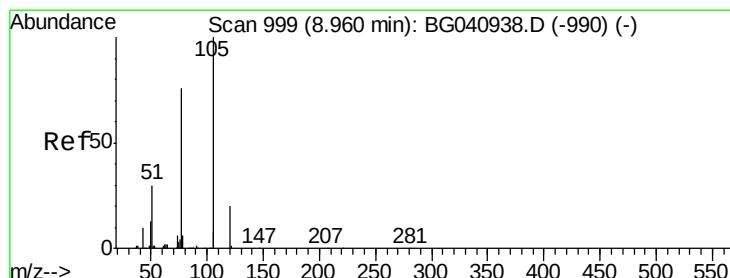
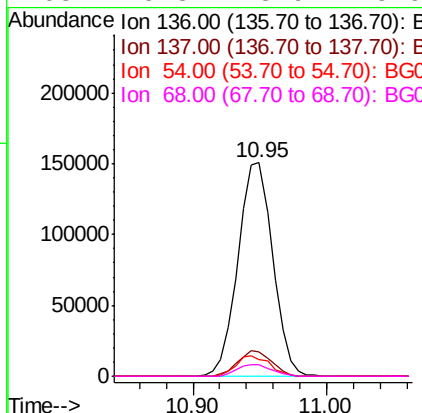
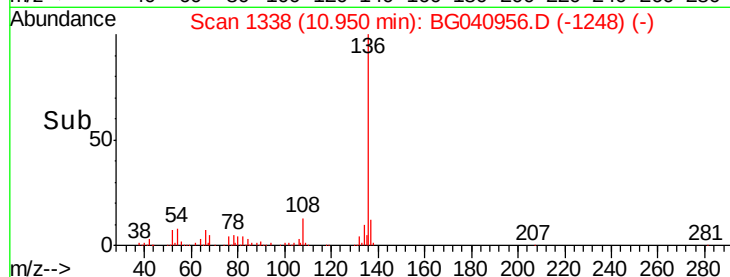
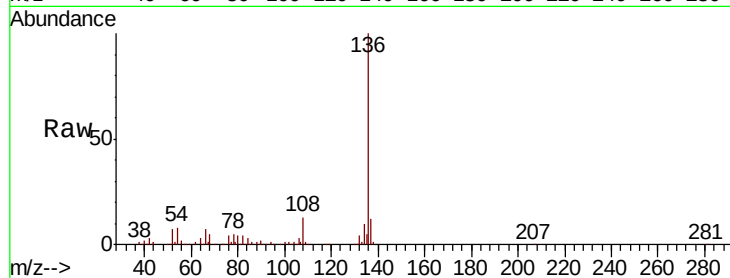
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	271984		
137	11.7		9.5	14.3
54	8.0		7.6	11.4
68	5.3		3.9	5.9

Manual Integrations
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#22

Acetophenone

Concen: 41.414 ng

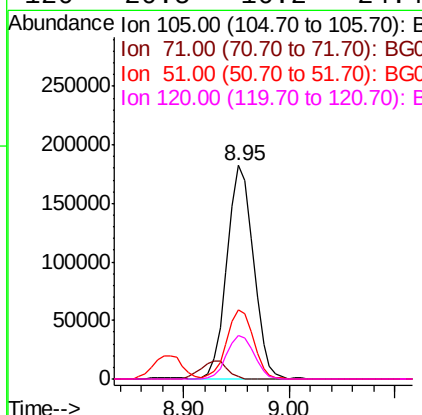
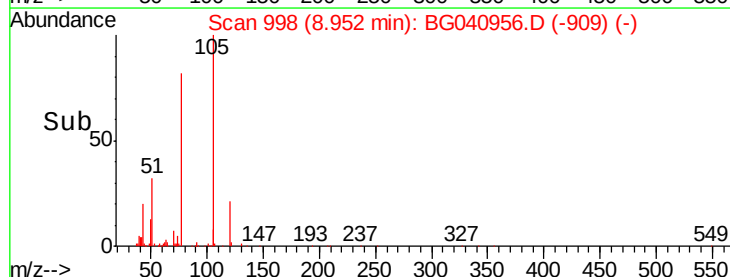
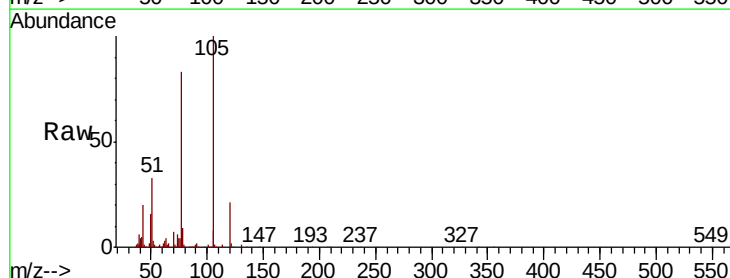
RT: 8.95 min Scan# 998

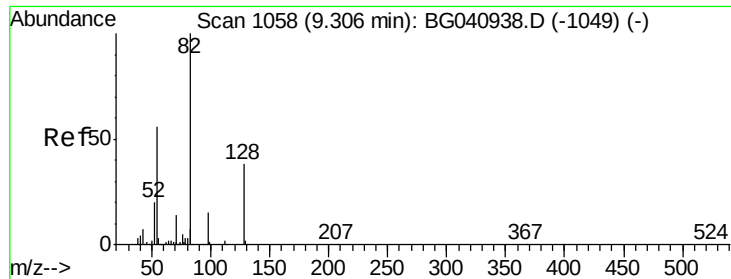
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	315971		
71	1.2		0.4	0.6#
51	32.5		27.0	40.6
120	20.5		16.2	24.4





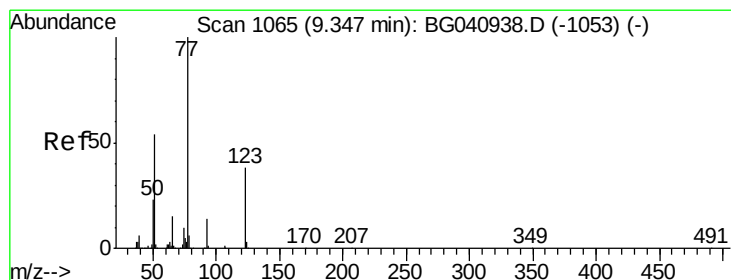
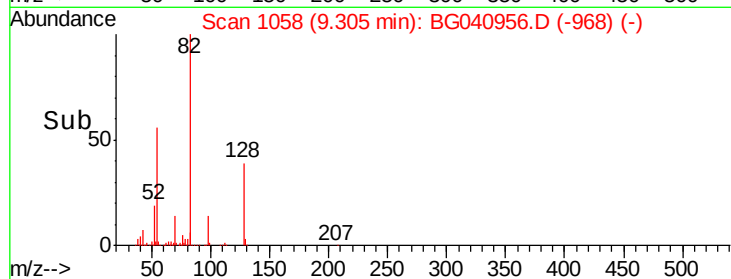
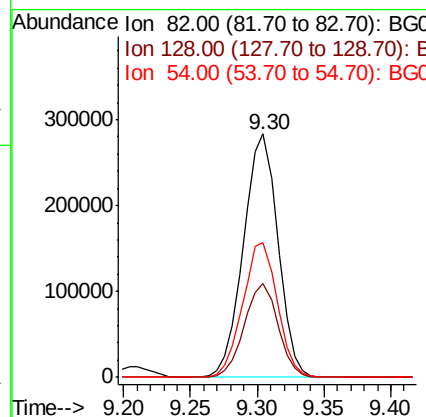
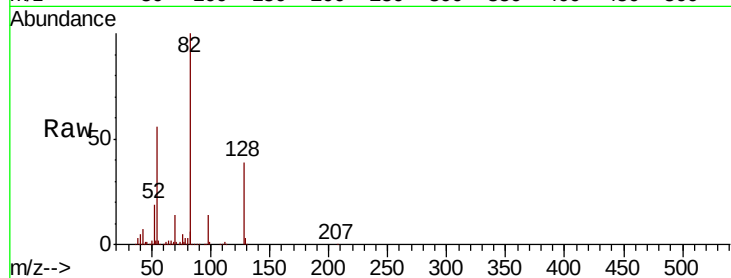
#23
 Nitrobenzene-d5
 Concen: 82.612 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	55.6	44.6	66.8

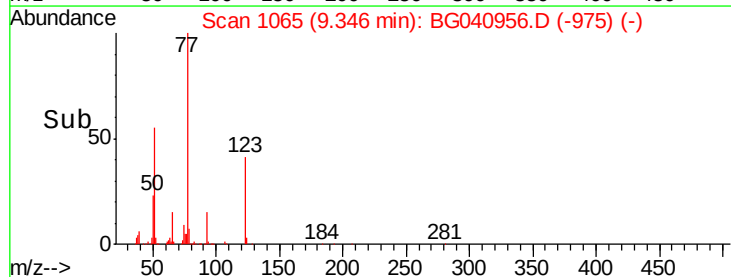
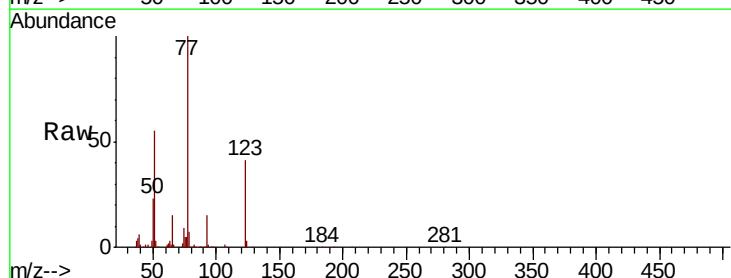
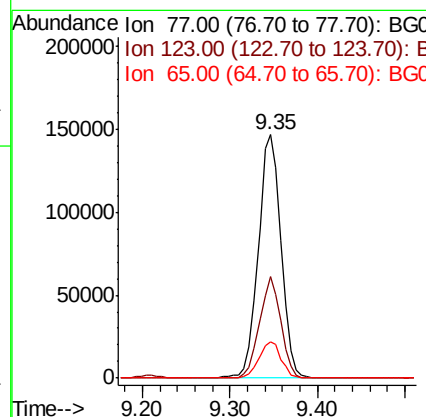
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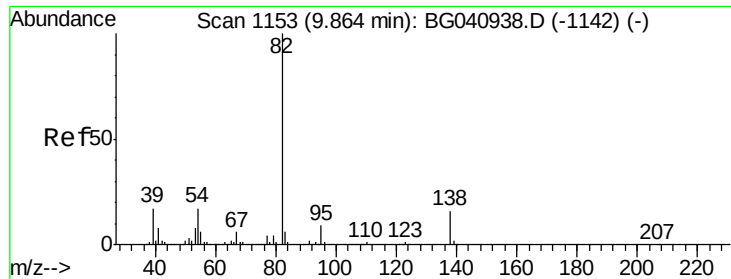
mohammad
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#24
 Nitrobenzene
 Concen: 41.524 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	30.6	46.0
65	14.8	12.3	18.5





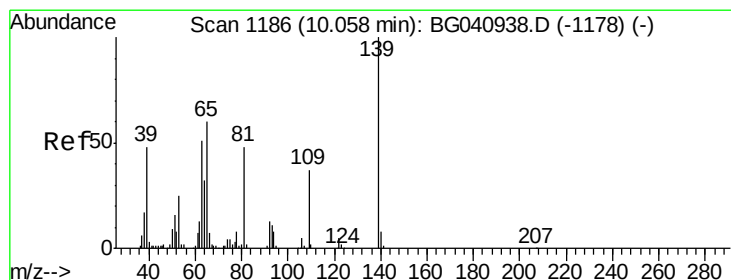
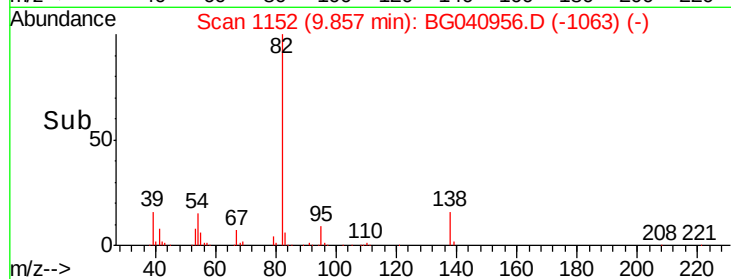
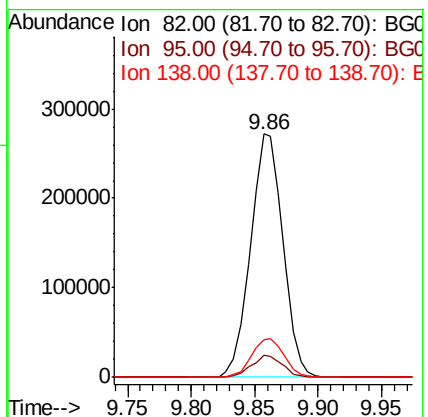
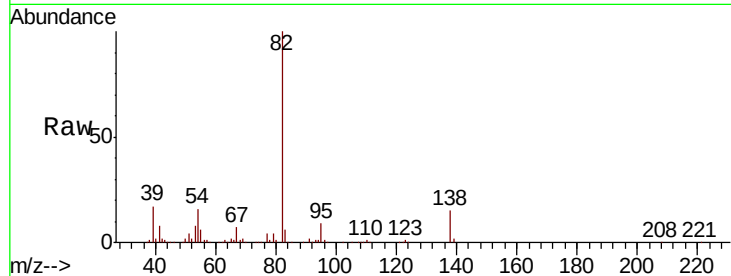
#25
Isophorone
Concen: 41.472 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.9	7.0	10.4	
138	15.4	12.6	19.0	

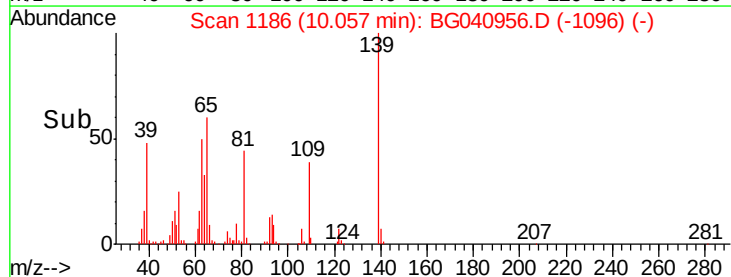
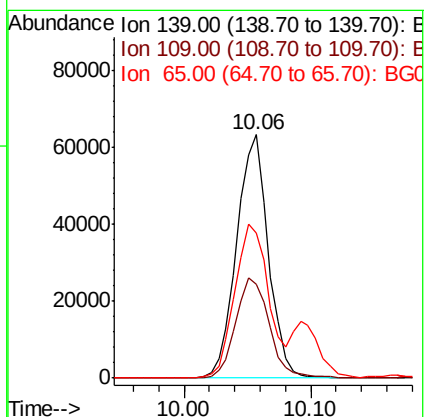
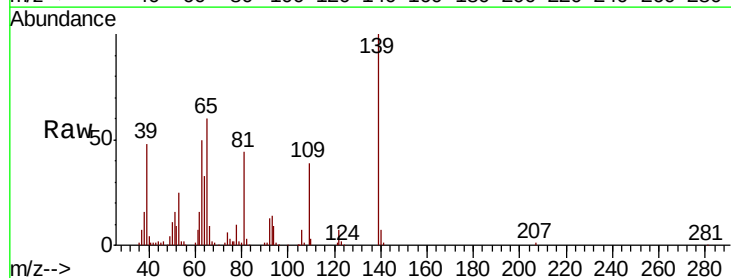
Manual Integrations
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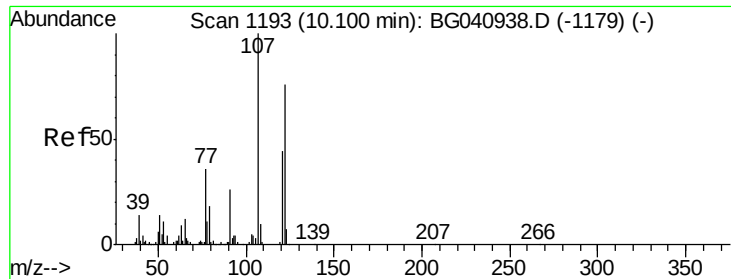
mohammad
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#26
2-Nitrophenol
Concen: 42.489 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.8	29.8	44.6	
65	59.8	47.8	71.6	





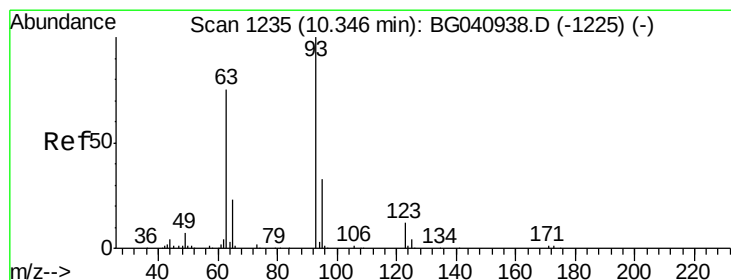
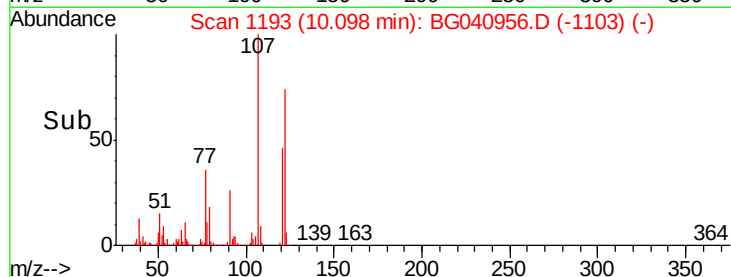
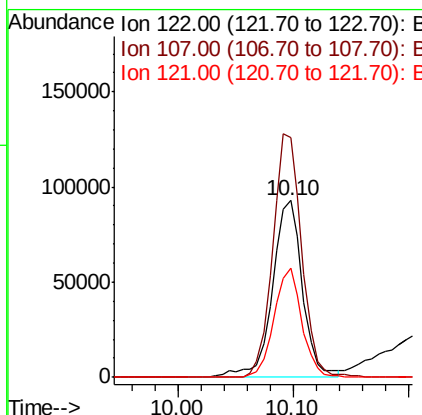
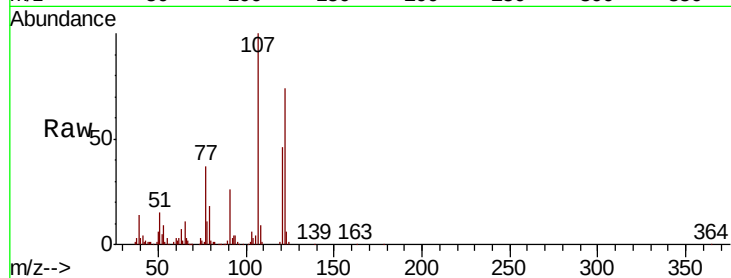
#27
 2,4-Dimethylphenol
 Concen: 39.525 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.4	105.9	158.9
121	61.9	46.2	69.4

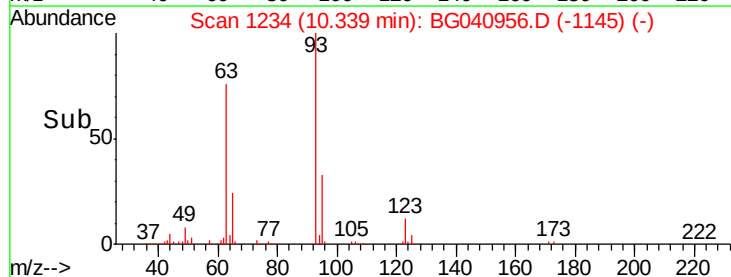
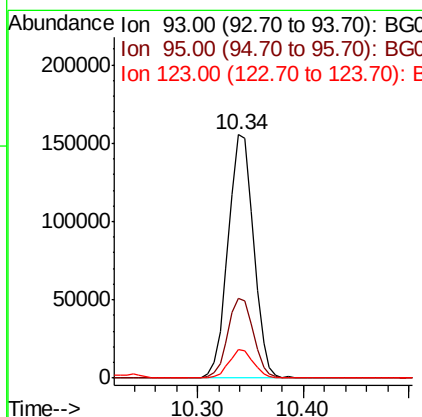
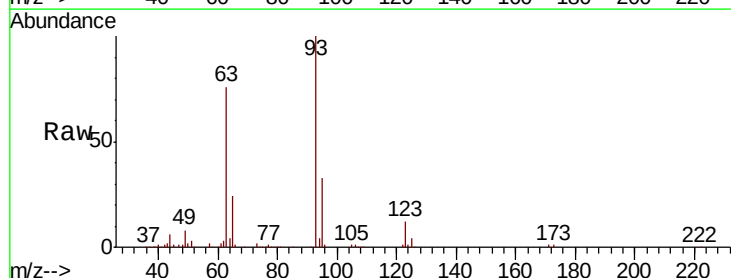
Manual Integrations
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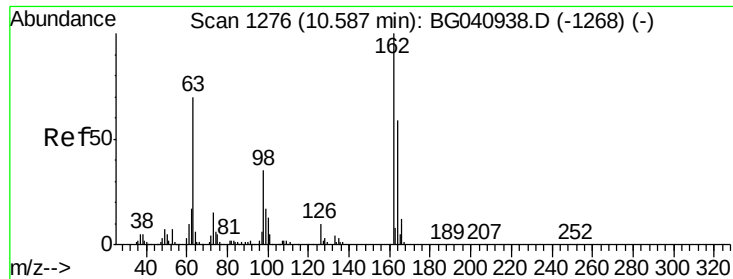
mohammad
 5/31/2019 8:19:01 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.234 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.7	9.5	14.3





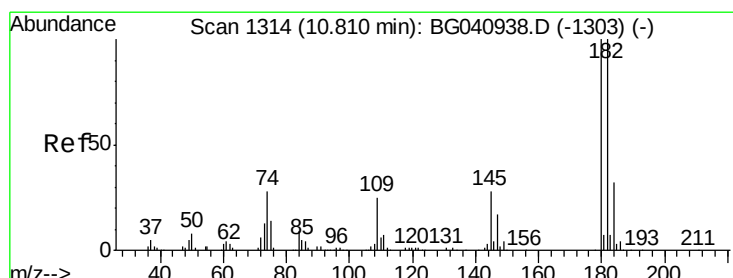
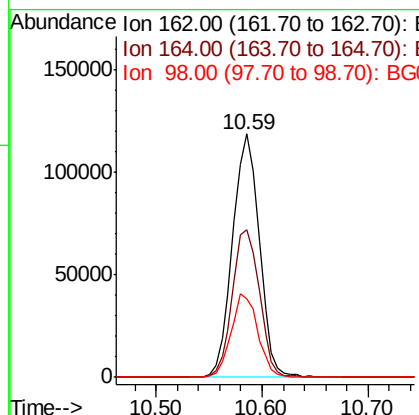
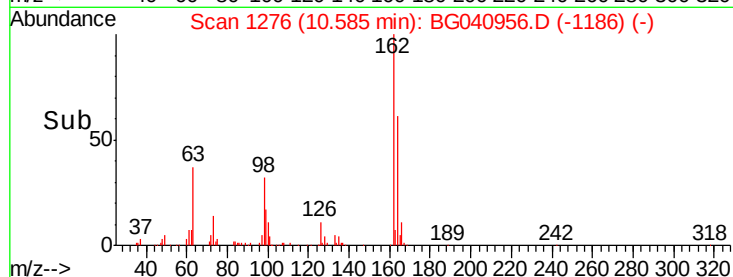
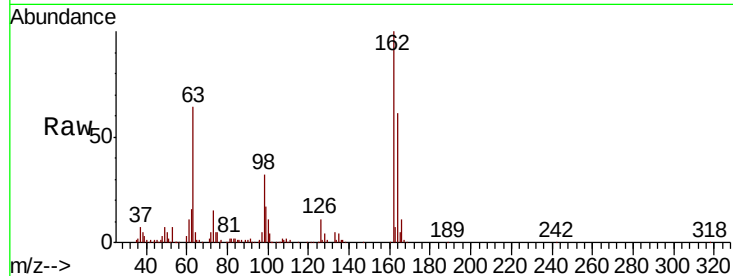
#29
2,4-Dichlorophenol
Concen: 38.450 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		207560		
164	60.5	39.4	79.4		
98	32.4	15.3	55.3		

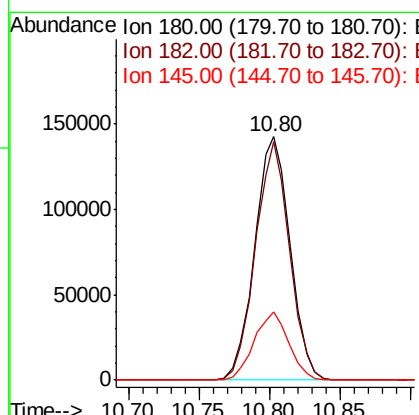
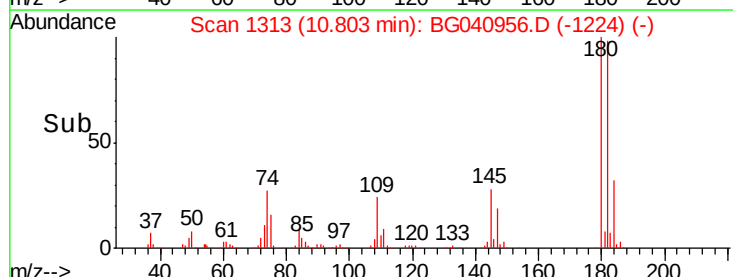
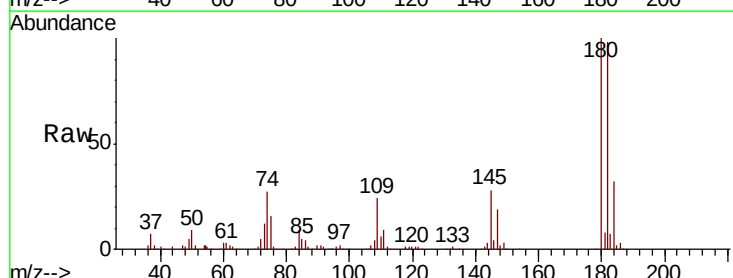
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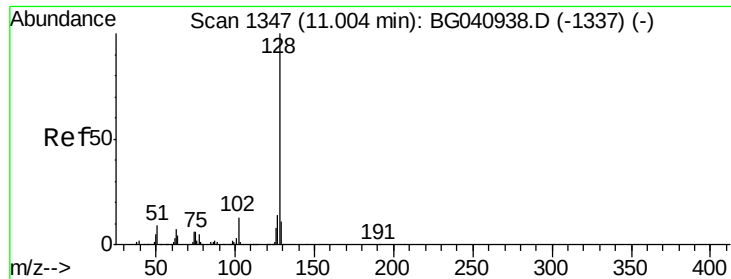
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.642 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		249583		
182	97.7	79.7	119.5		
145	28.2	22.6	34.0		





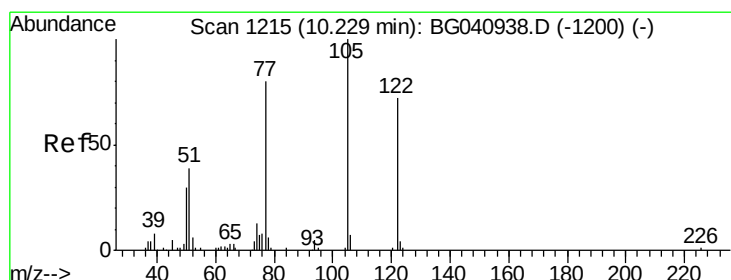
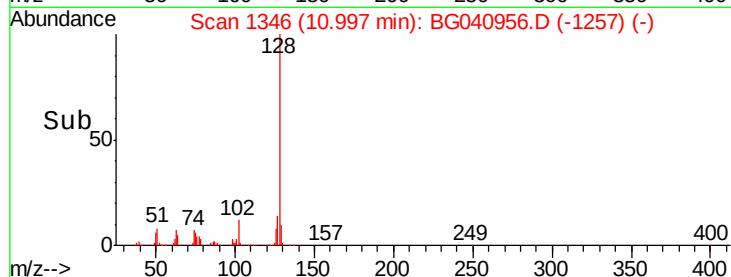
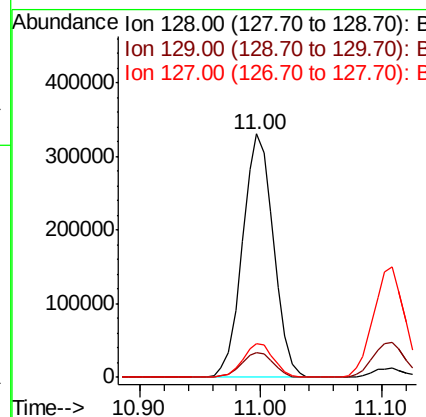
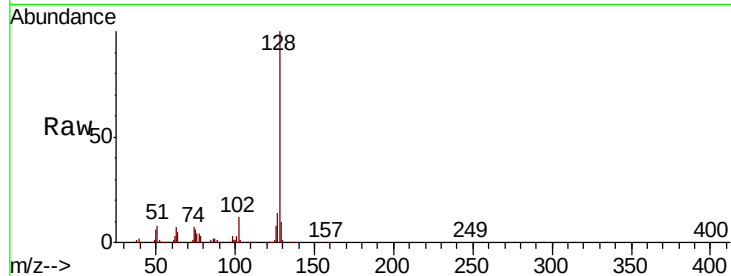
#31
Naphthalene
Concen: 40.393 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	13.9	11.4	17.2

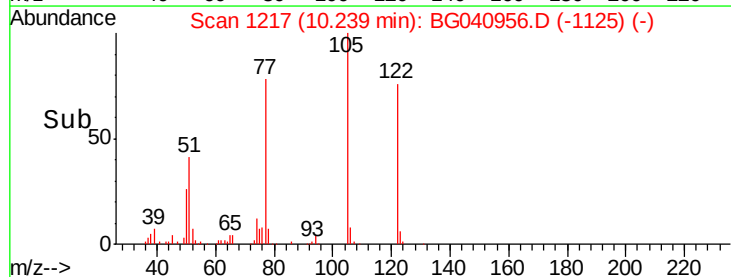
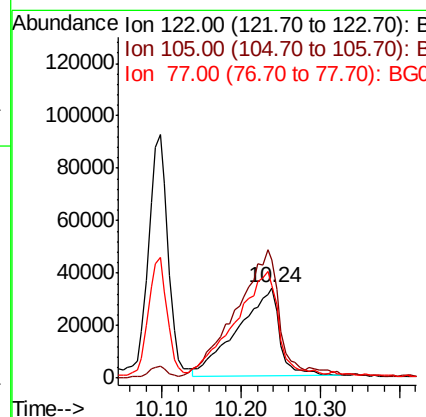
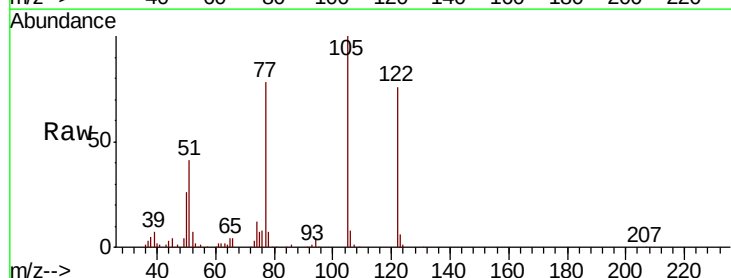
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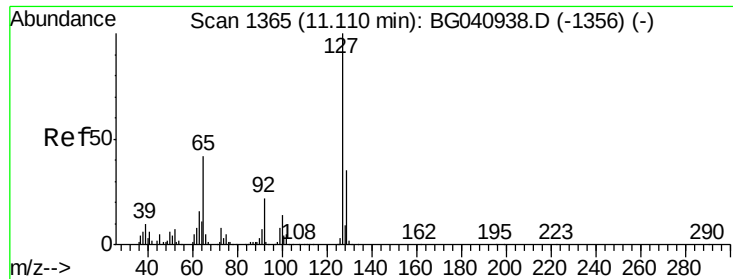
mohammad
5/31/2019 8:19:01 AM



#32
Benzoic acid
Concen: 39.584 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	114.8	154.8
77	103.0	89.9	129.9





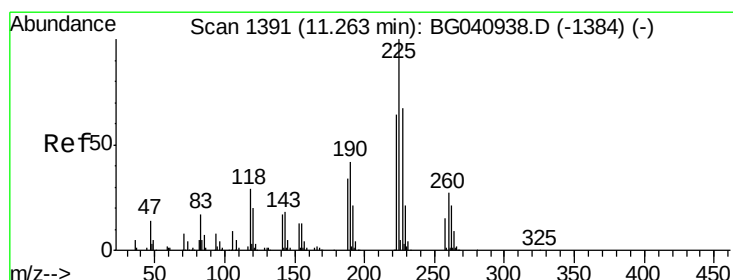
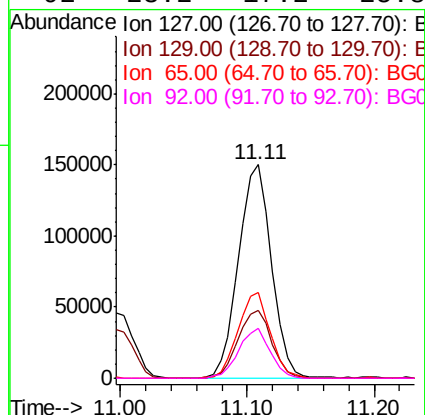
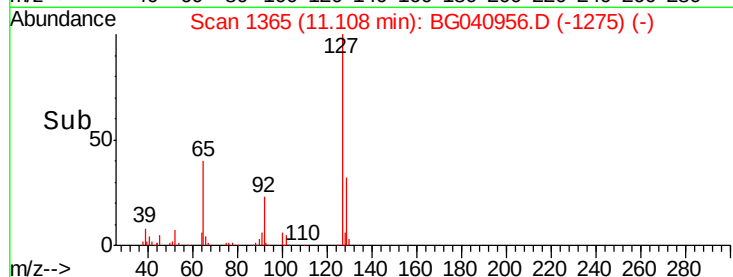
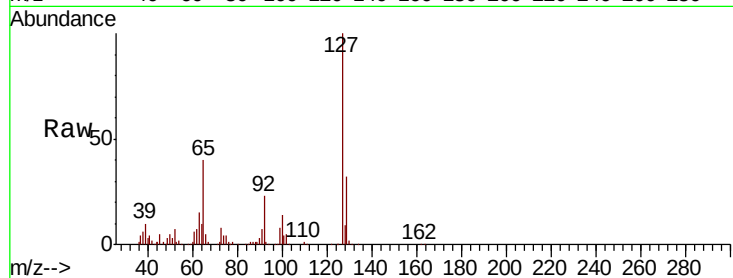
#33
4-Chloroaniline
Concen: 40.054 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		271392		
129	32.1		27.7	41.5	
65	40.1		33.2	49.8	
92	23.2		17.2	25.8	

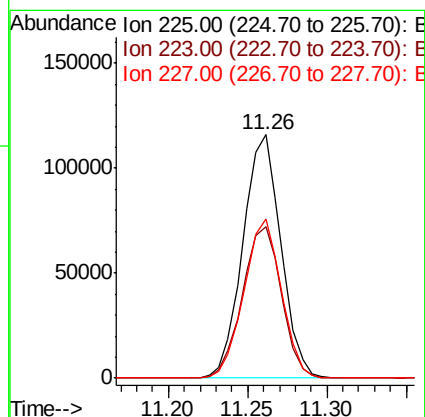
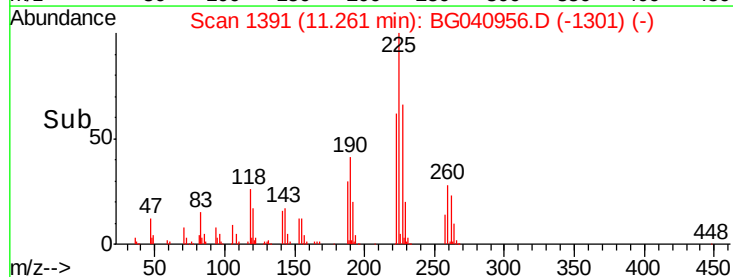
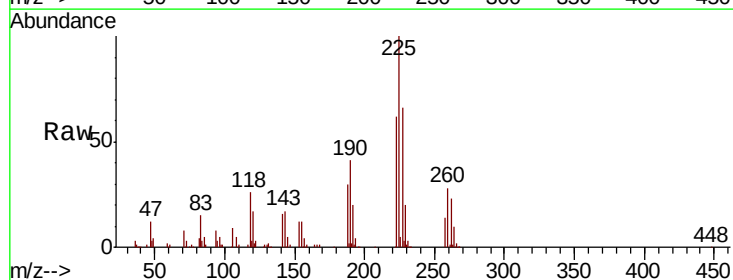
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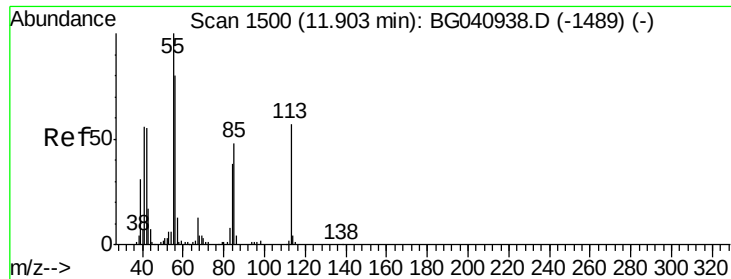
mohammad
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#34
Hexachlorobutadiene
Concen: 41.016 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		192727		
223	62.4		48.8	73.2	
227	65.6		51.4	77.0	





#35

Caprolactam

Concen: 40.525 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

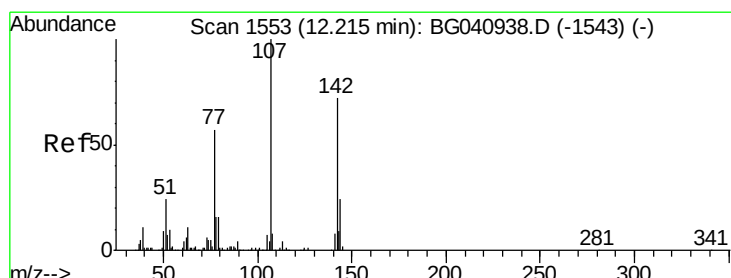
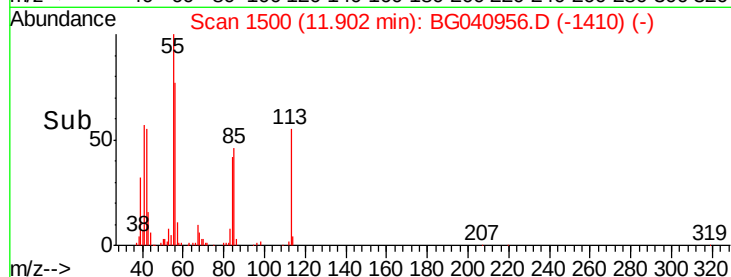
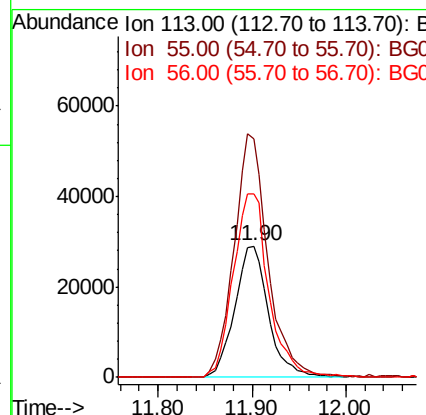
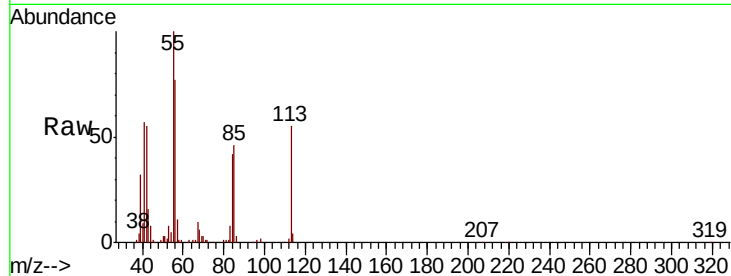
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.6	155.9	195.9
56	139.6	119.9	159.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 38.208 ng

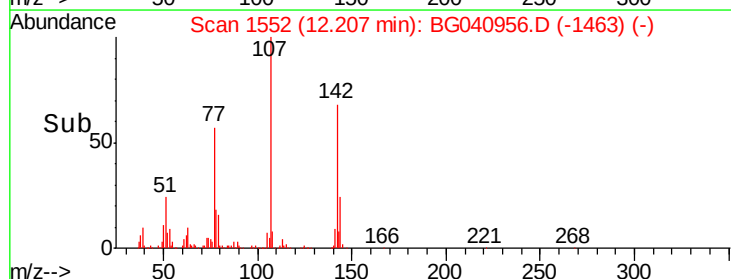
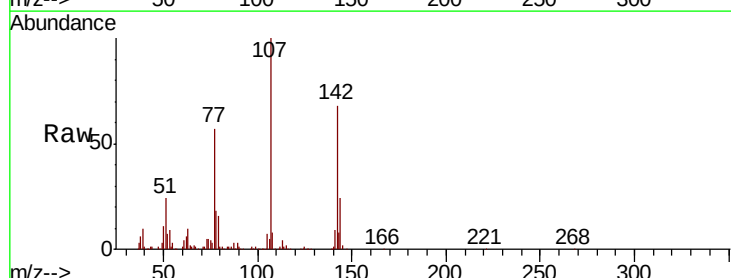
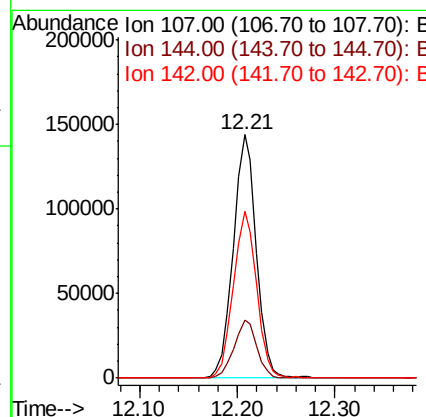
RT: 12.21 min Scan# 1552

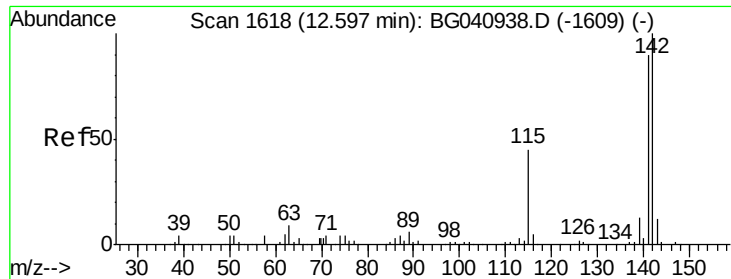
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	19.4	29.0
142	68.4	57.3	85.9





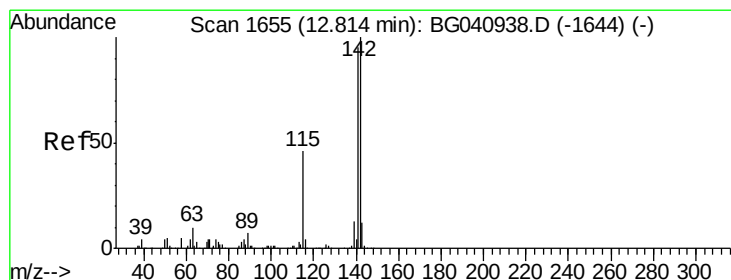
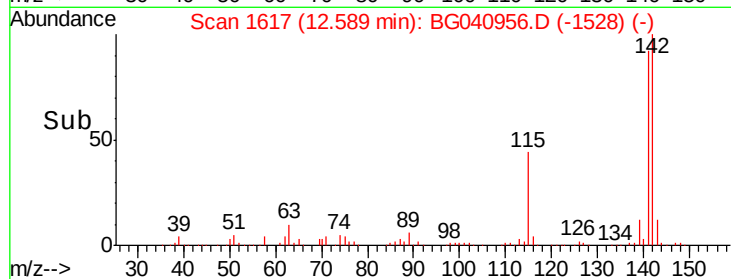
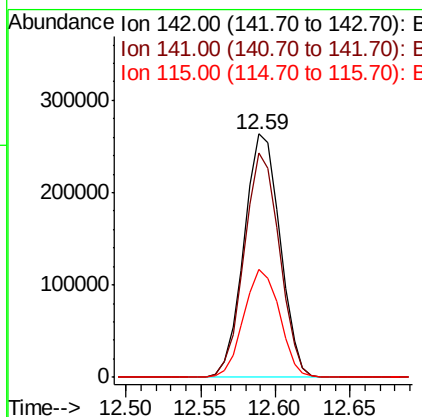
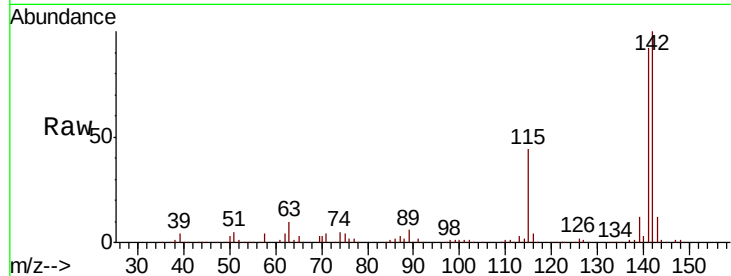
#37
2-Methylnaphthalene
Concen: 39.086 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.4
115	44.3	36.2	54.4

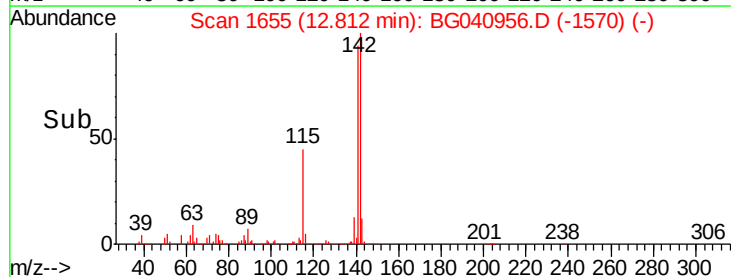
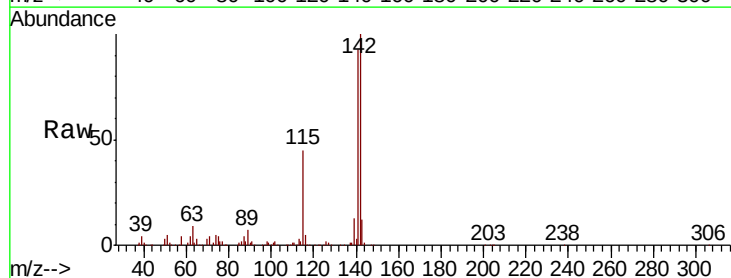
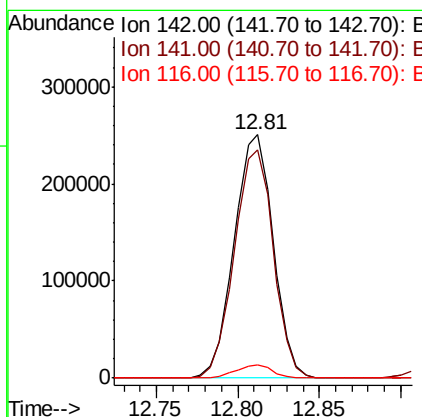
Manual Integrations
APPROVED

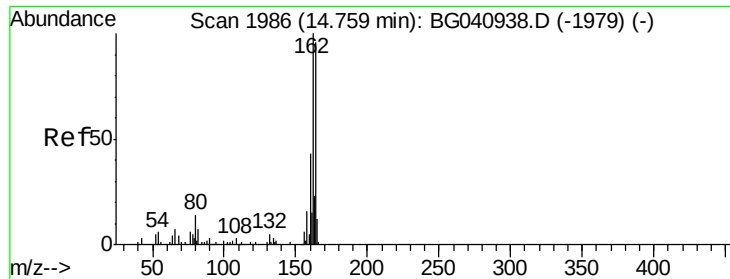
mohammad
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#38
1-Methylnaphthalene
Concen: 39.220 ng m
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.7	113.5
116	5.2	3.4	5.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

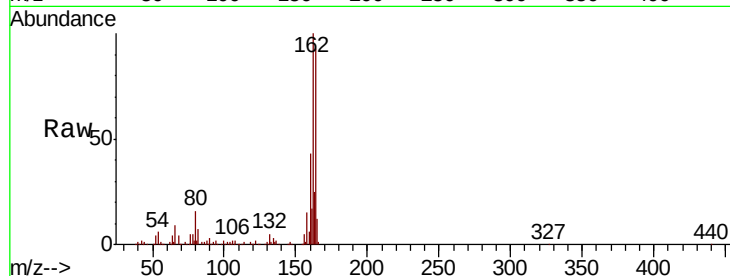
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	192836
Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.0	124.4
160	45.6	35.6	53.4

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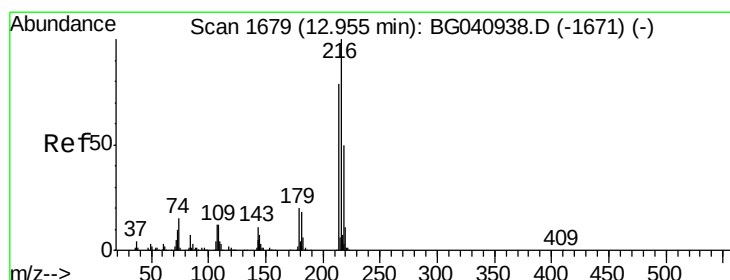
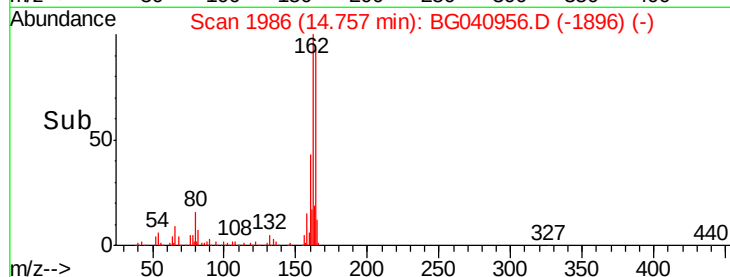
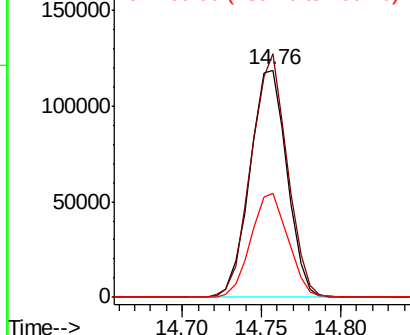


Abundance

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: 41.300 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	216	Resp:	321000
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	19.2	15.2	22.8
108	15.1	11.4	17.2

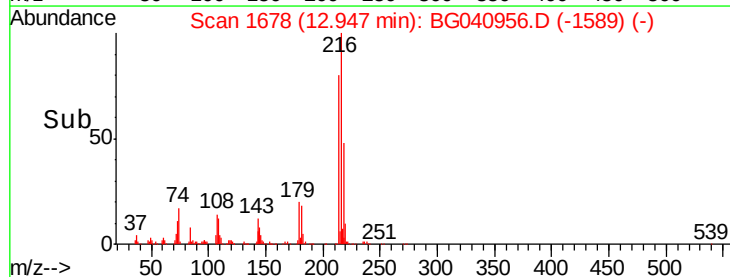
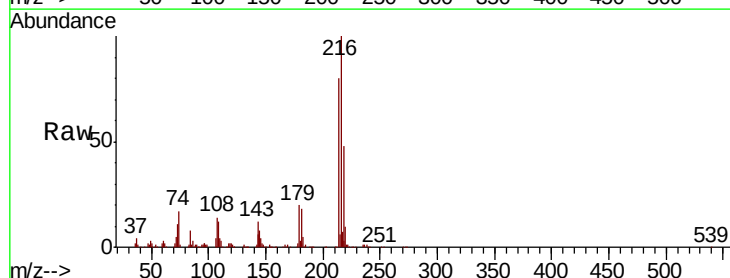
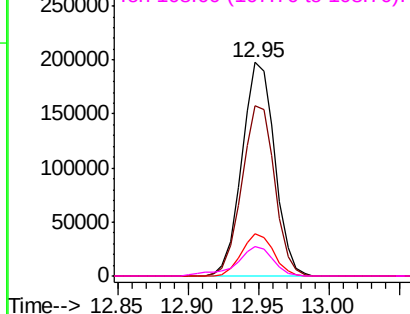
Abundance

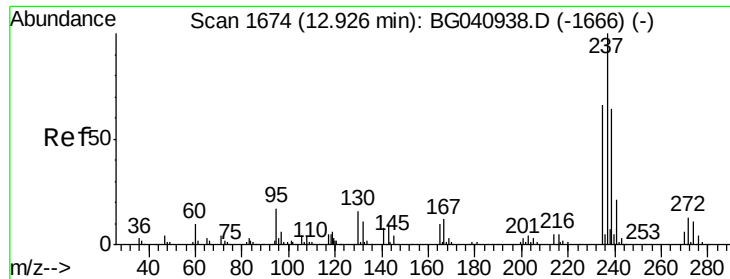
Ion 216.00 (215.70 to 216.70): E

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





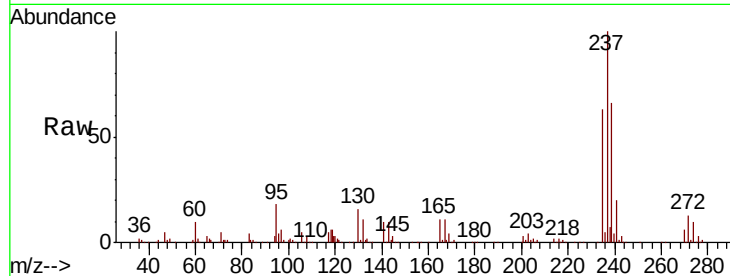
#41
Hexachlorocyclopentadiene
Concen: 49.708 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100	193158		
235	63.1	45.5	85.5	
272	13.0	0.0	32.9	

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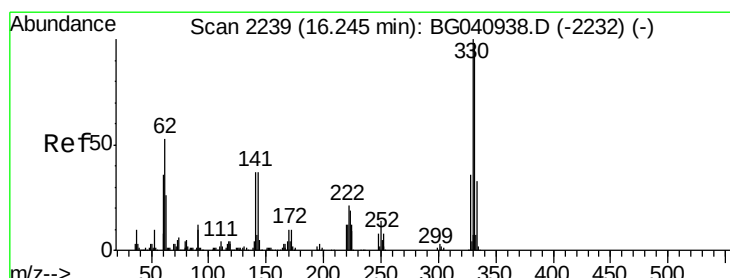
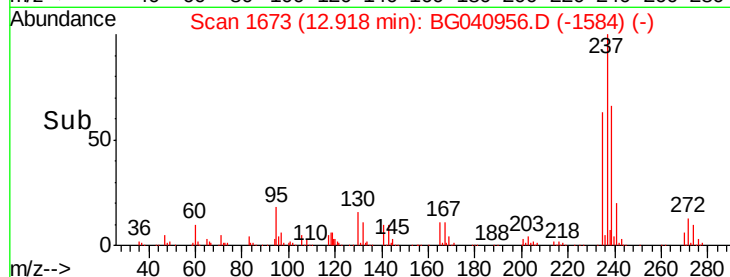
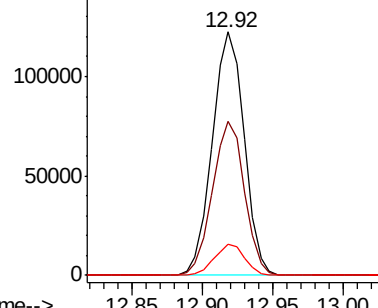


Abundance

Ion 236.80 (236.50 to 237.50): E

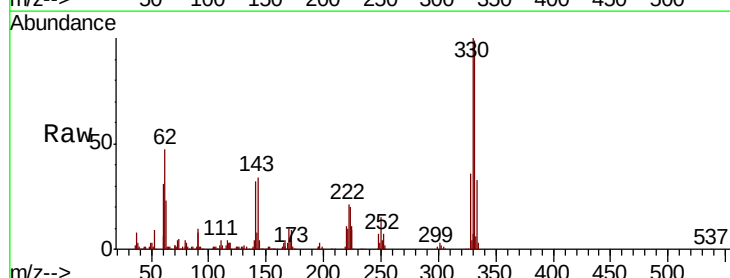
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 82.492 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	236158		
332	98.0	78.5	117.7	
141	35.9	28.7	43.1	

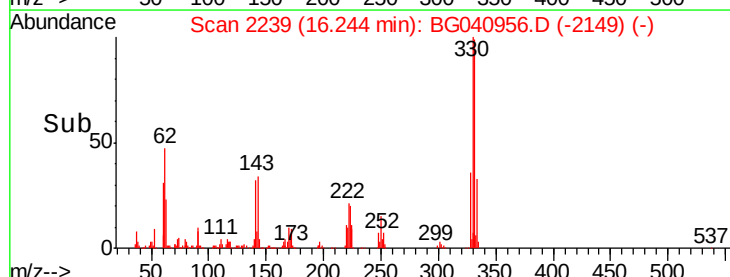
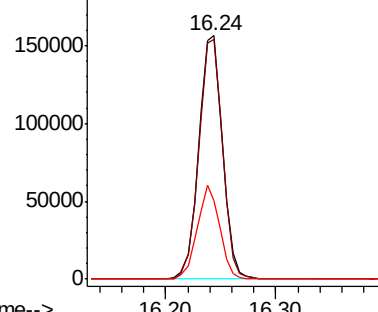


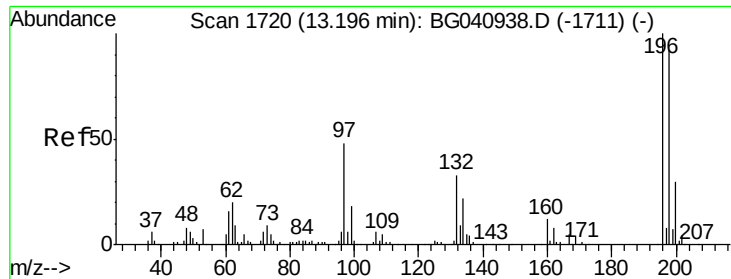
Abundance

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





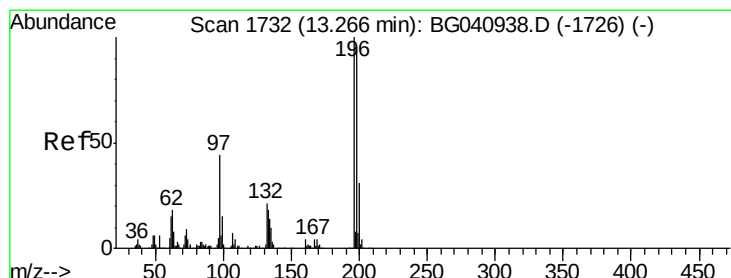
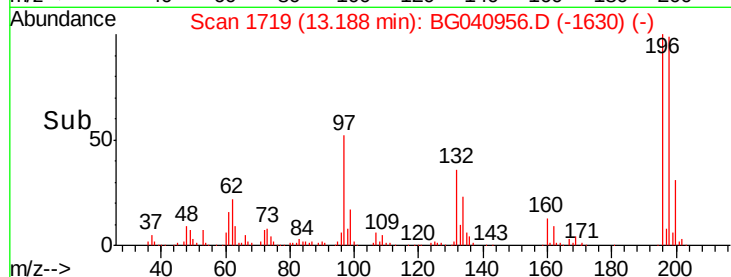
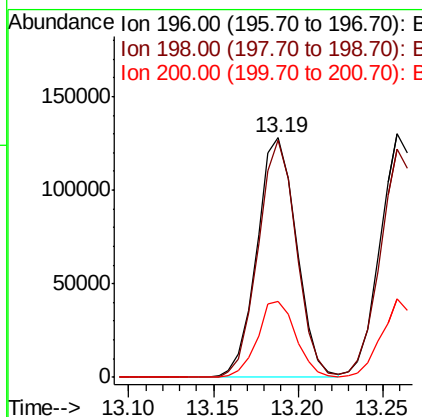
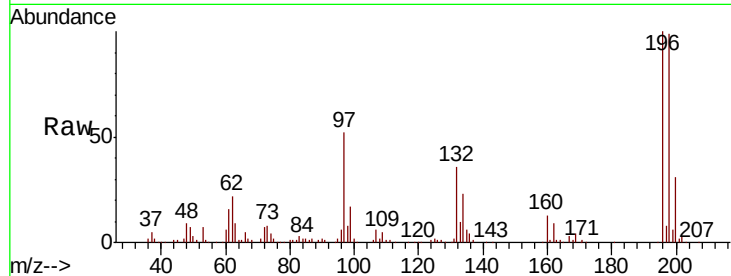
#43
 2,4,6-Trichlorophenol
 Concen: 41.170 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207004		
198	98.9	73.8	110.6	
200	31.5	24.1	36.1	

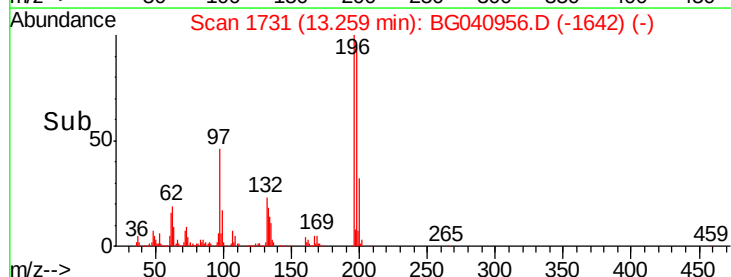
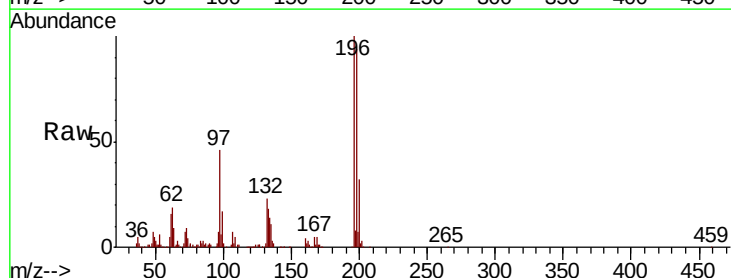
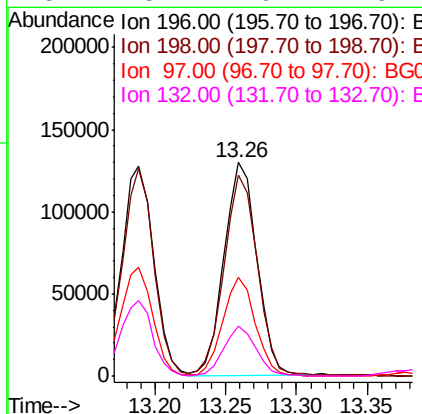
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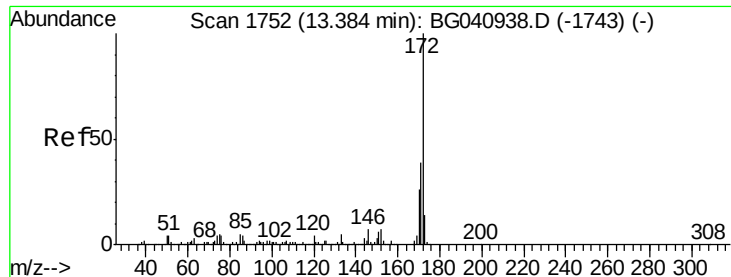
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.771 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210894		
198	94.0	75.1	112.7	
97	46.4	35.6	53.4	
132	23.4	16.7	25.1	





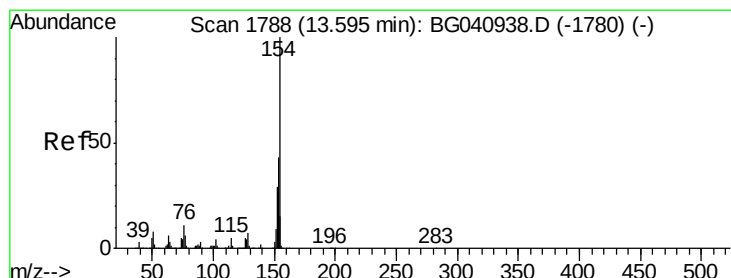
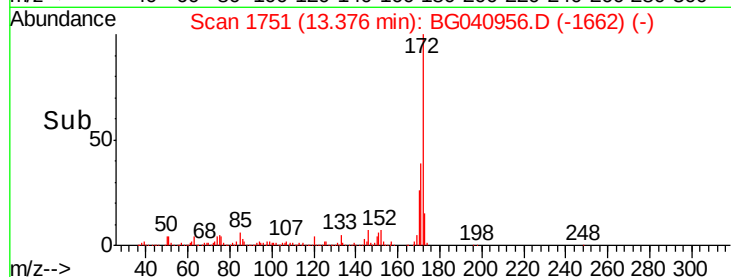
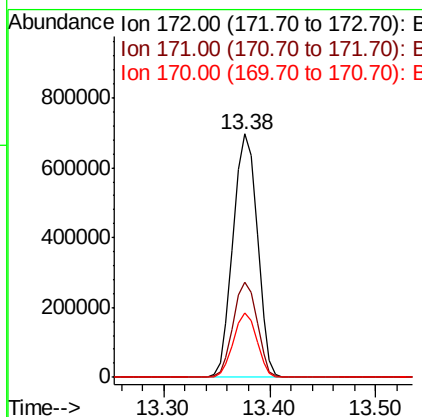
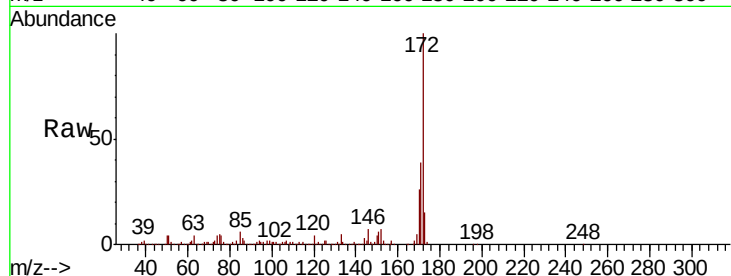
#45
2-Fluorobiphenyl
Concen: 82.706 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.1	46.7
170	26.5	20.5	30.7

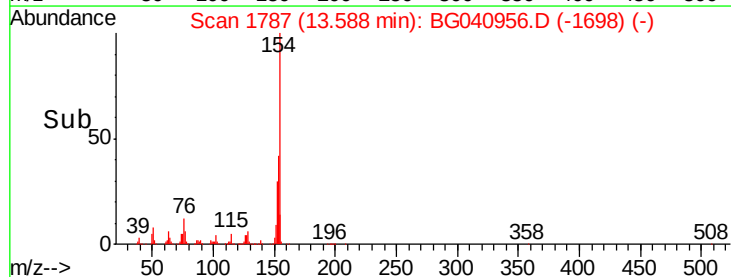
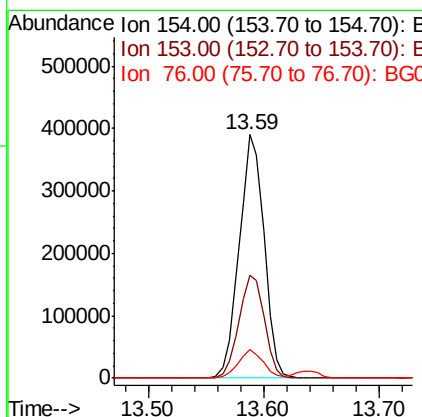
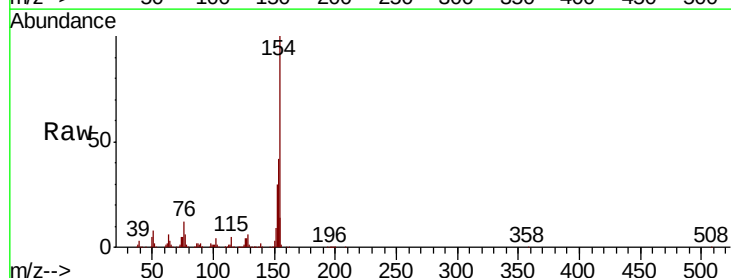
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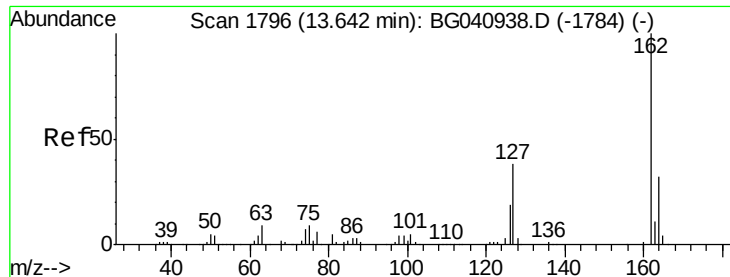
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#46
1,1'-Biphenyl
Concen: 40.602 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	23.3	63.3
76	11.7	0.0	31.1





#47

2-Chloronaphthalene

Concen: 41.020 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

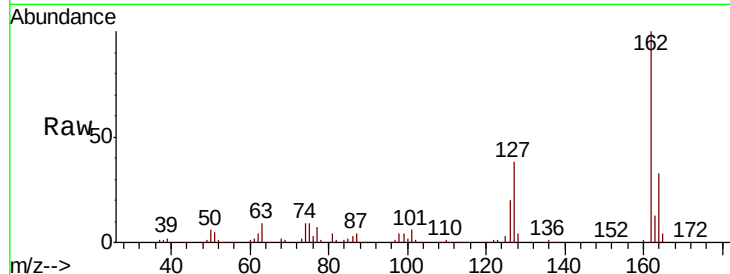
ClientSampleId :

SSTDCCC040

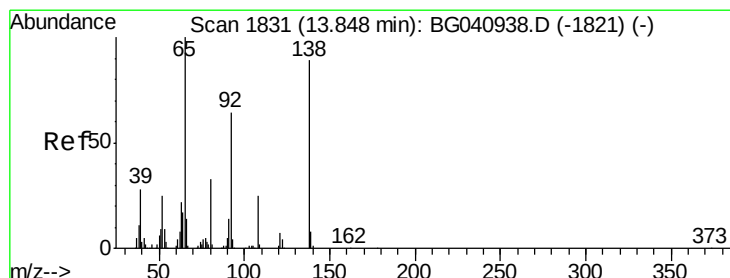
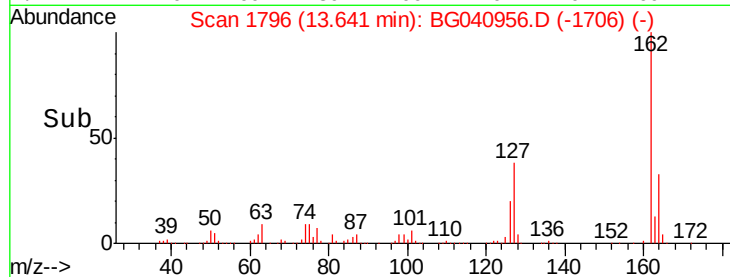
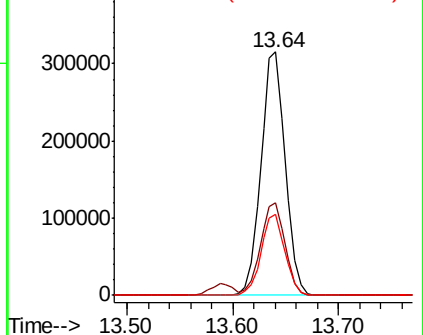
Tot Ion:	162	Resp:	502668
Ion Ratio	Lower	Upper	
162	100		
127	37.9	30.5	45.7
164	33.5	25.8	38.6

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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: 43.522 ng

RT: 13.85 min Scan# 1831

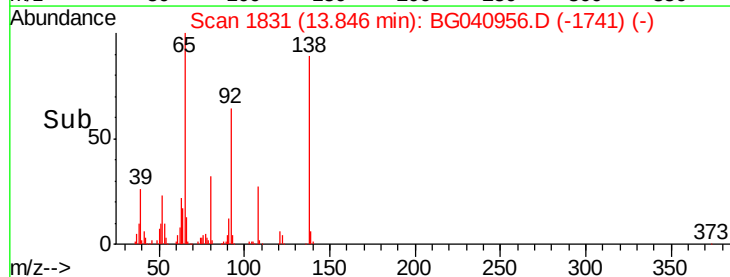
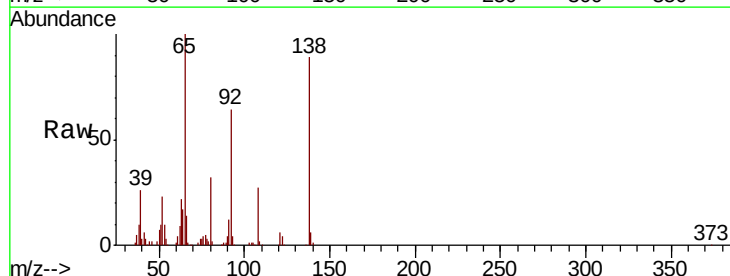
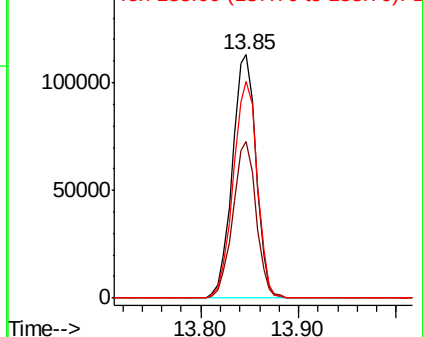
Delta R.T. -0.00 min

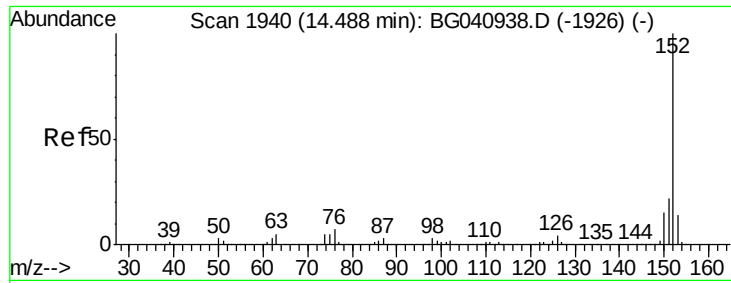
Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	65	Resp:	191328
Ion Ratio	Lower	Upper	
65	100		
92	64.4	51.0	76.6
138	89.0	71.2	106.8

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: 40.637 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

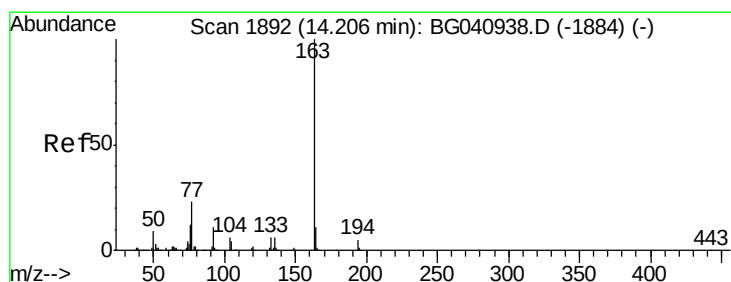
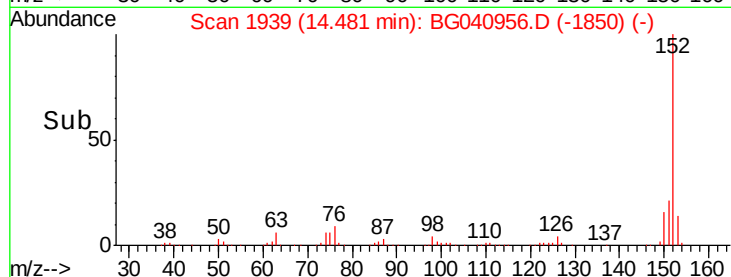
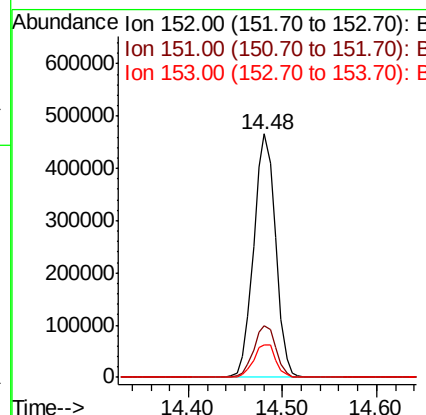
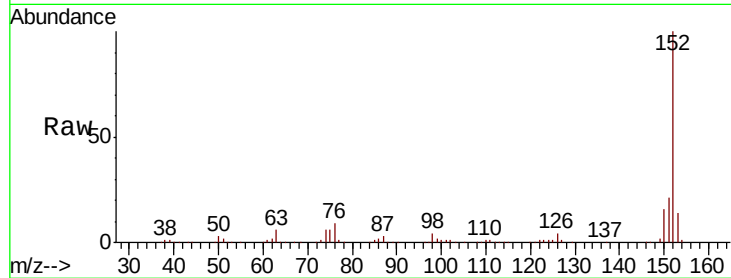
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		749476		
151	21.4	17.4	26.0		
153	13.6	11.0	16.4		

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#50

Dimethylphthalate

Concen: 41.410 ng

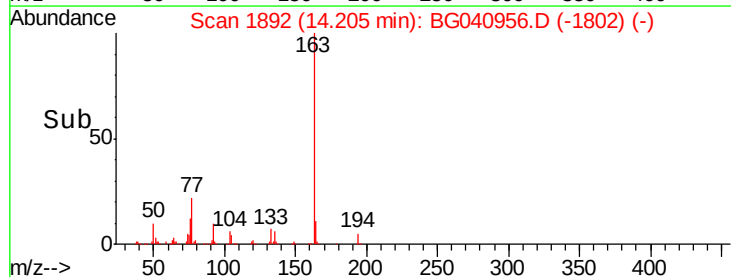
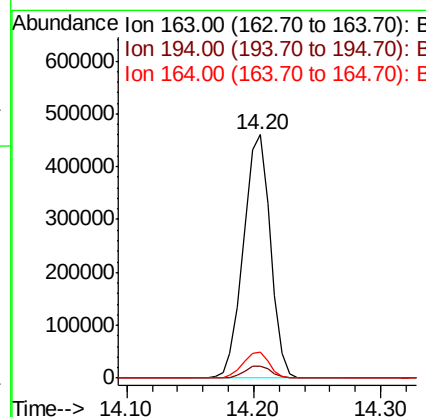
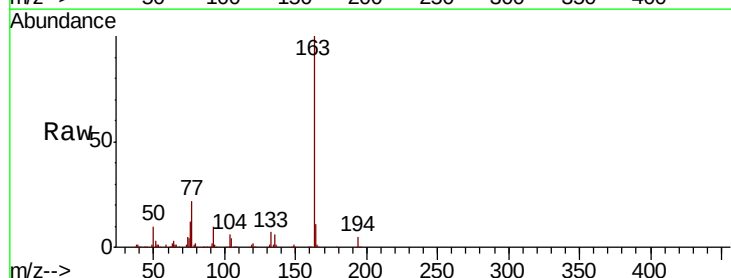
RT: 14.20 min Scan# 1892

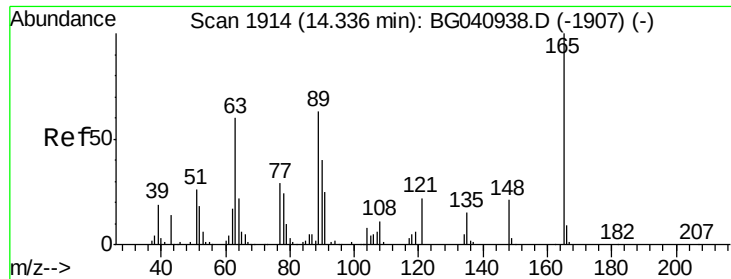
Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		675965		
194	5.0	3.8	5.8		
164	10.5	8.7	13.1		





#51

2,6-Dinitrotoluene

Concen: 41.418 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

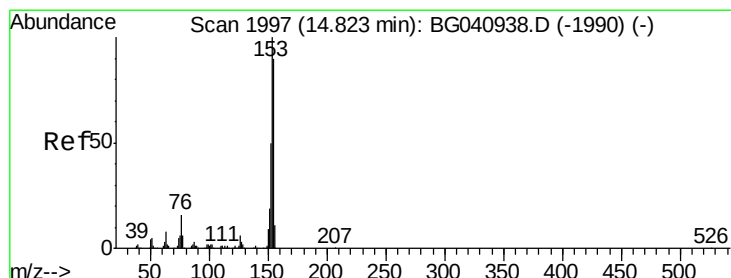
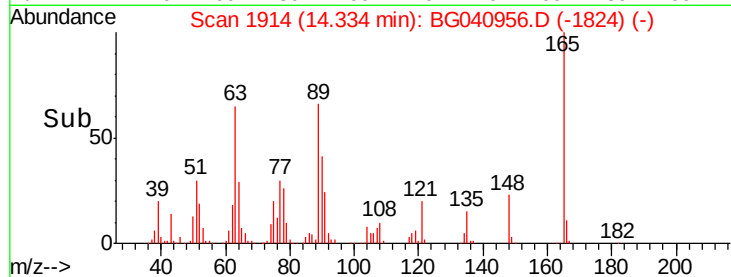
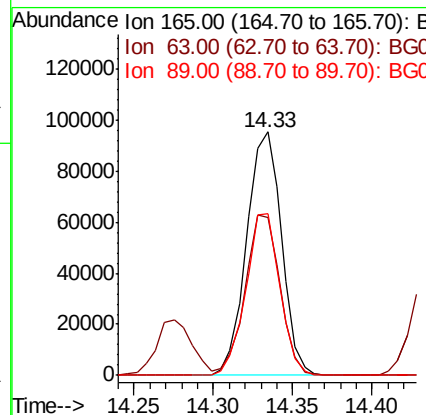
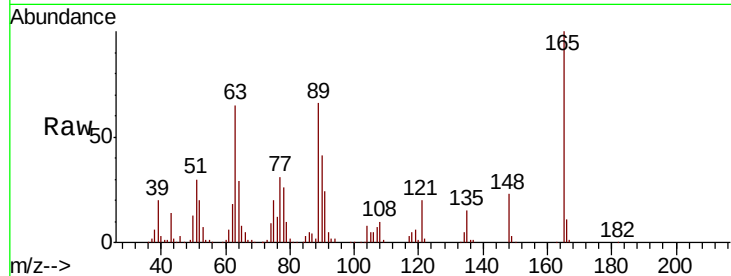
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	145770
Ion Ratio	Lower	Upper	
165	100		
63	65.0	53.6	80.4
89	66.3	50.4	75.6

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#52

Acenaphthene

Concen: 40.159 ng

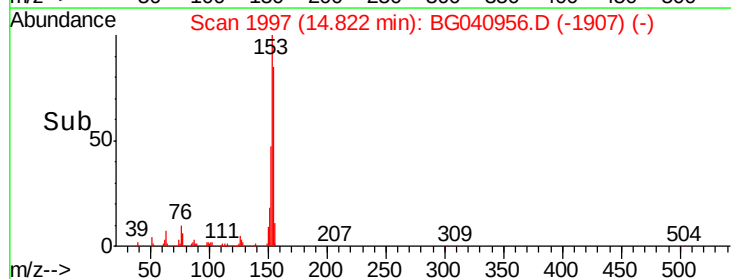
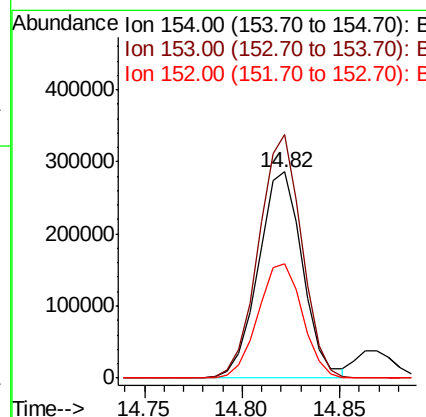
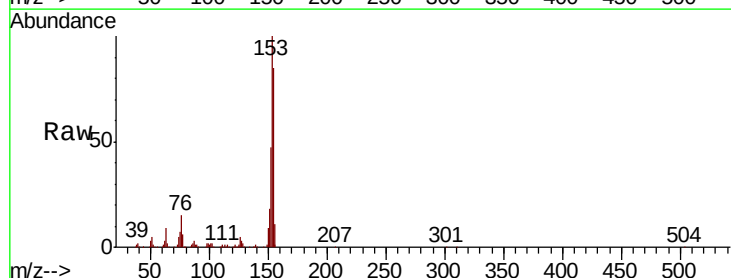
RT: 14.82 min Scan# 1997

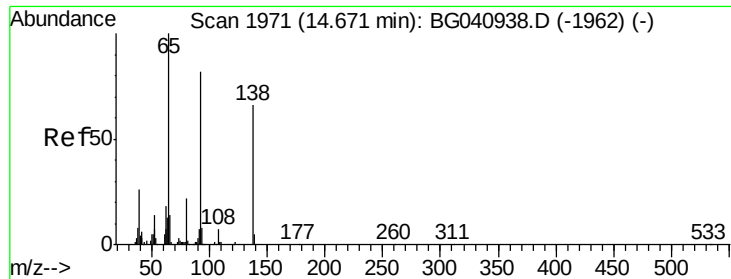
Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	154	Resp:	448690
Ion Ratio	Lower	Upper	
154	100		
153	118.1	88.6	133.0
152	55.7	44.2	66.4





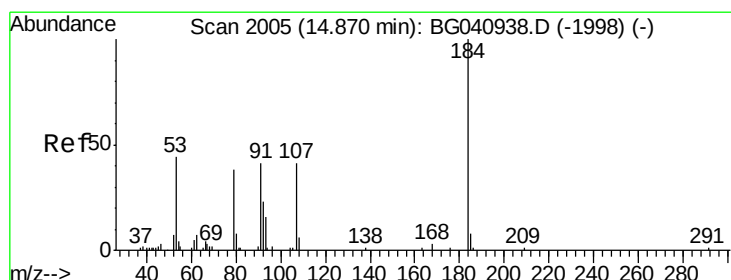
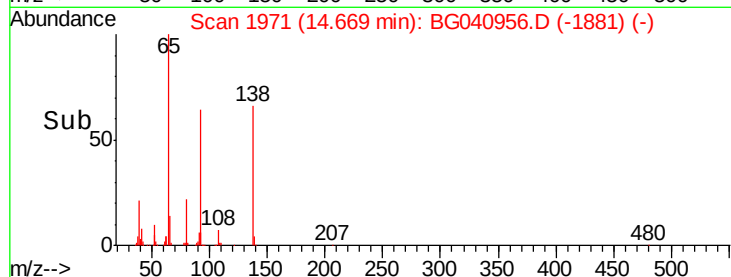
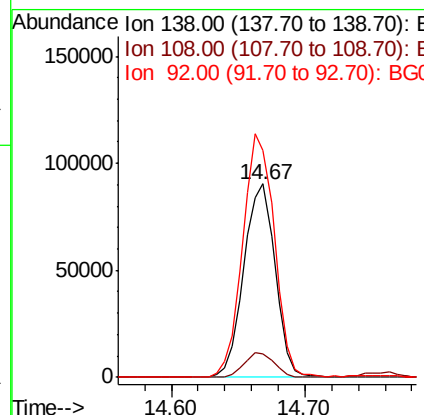
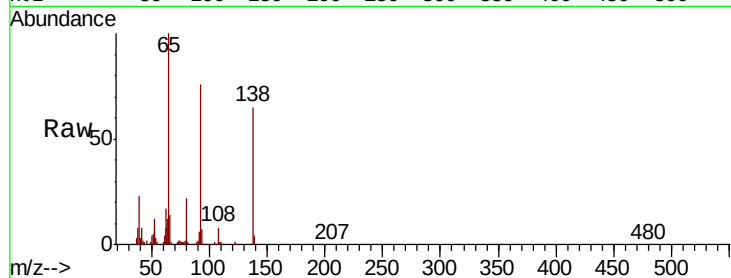
#53
3-Nitroaniline
Concen: 41.719 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.5	12.7
92	117.3	99.0	148.6

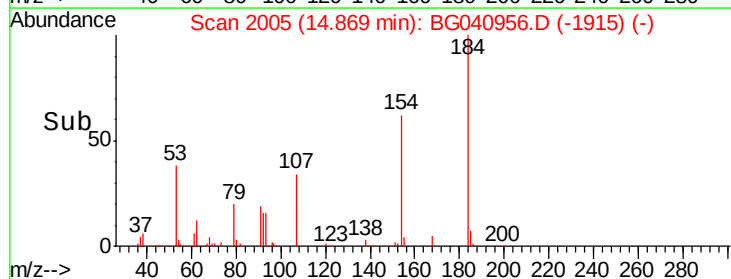
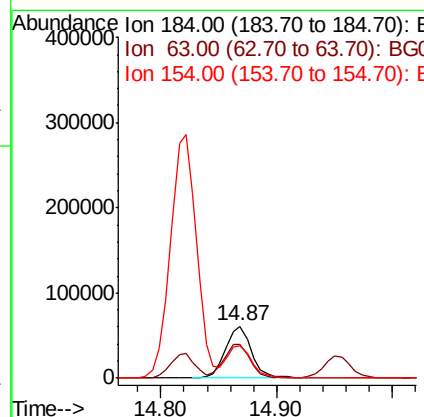
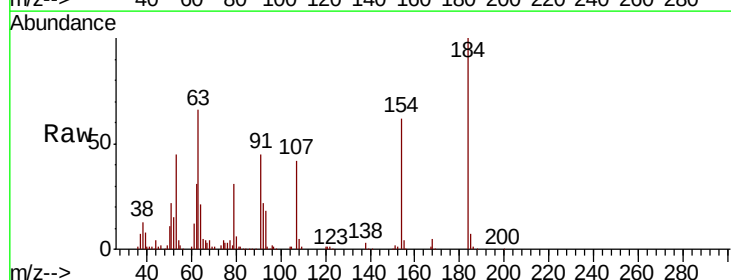
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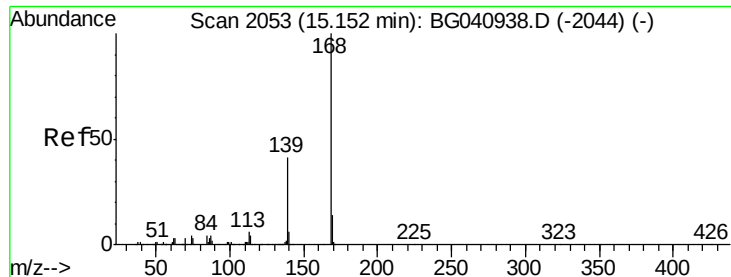
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#54
2,4-Dinitrophenol
Concen: 59.315 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.8	49.8	74.6
154	62.4	52.2	78.4





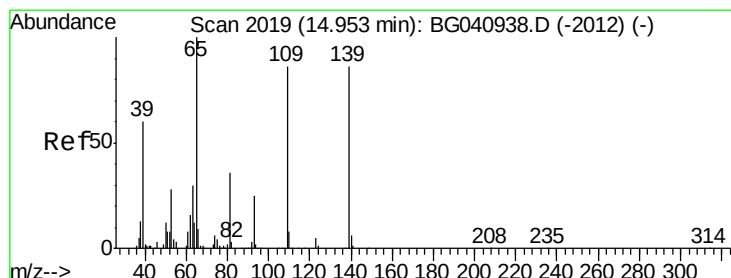
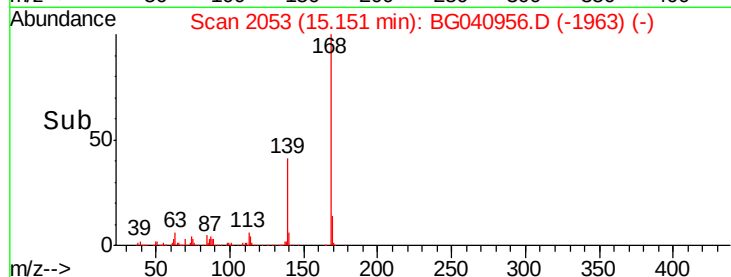
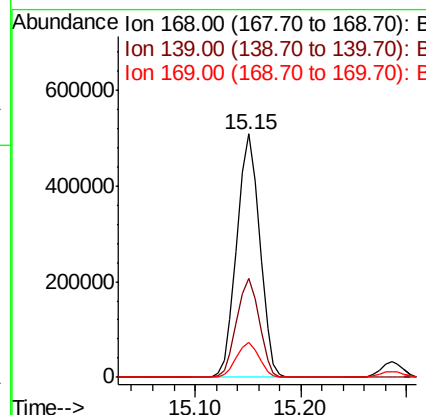
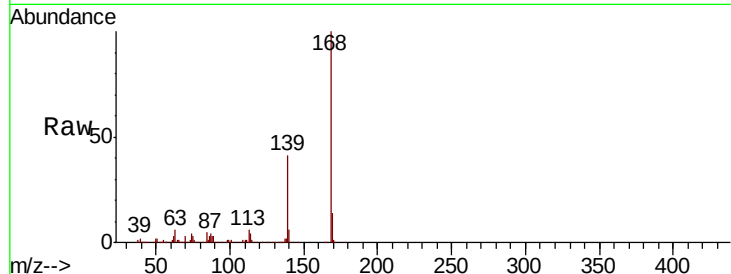
#55
Dibenzenofuran
Concen: 40.441 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.8	49.2
169	14.3	11.3	16.9

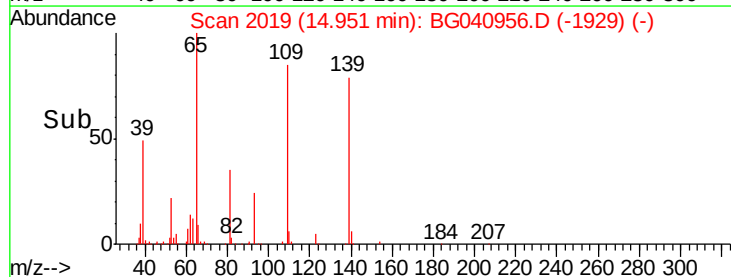
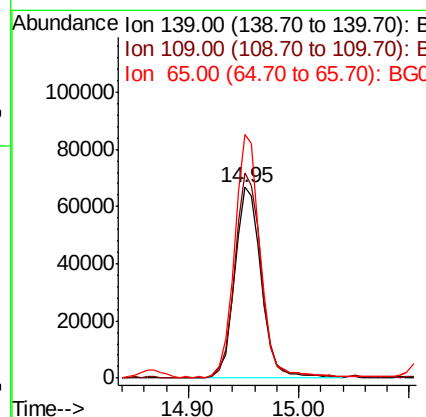
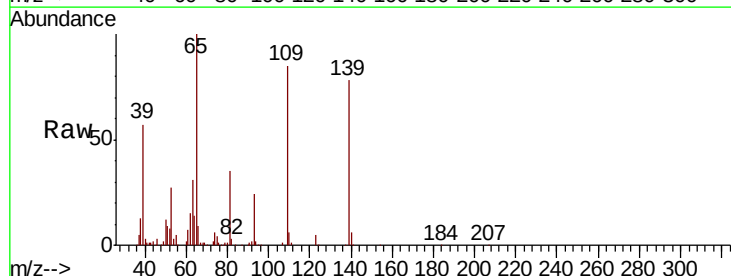
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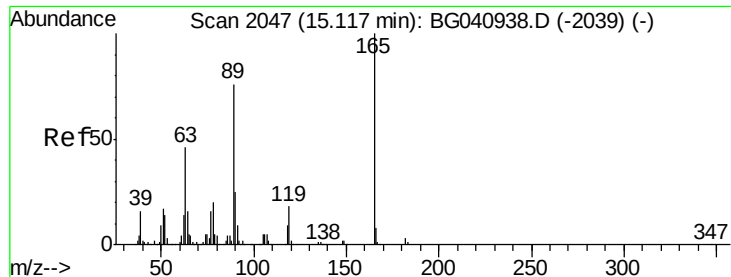
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#56
4-Nitrophenol
Concen: 46.723 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.7	79.6	119.6
65	127.4	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 41.890 ng

RT: 15.12 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

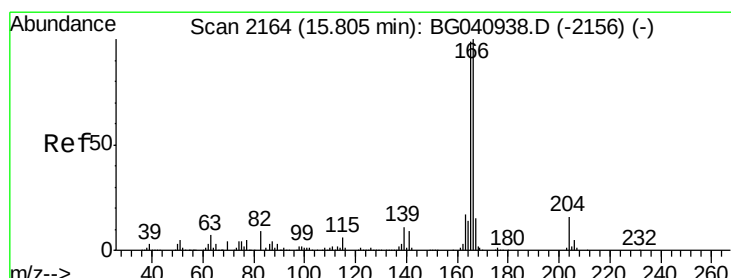
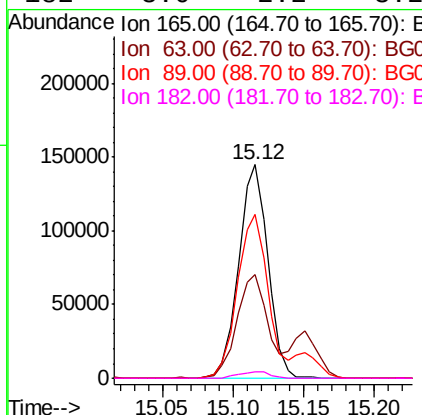
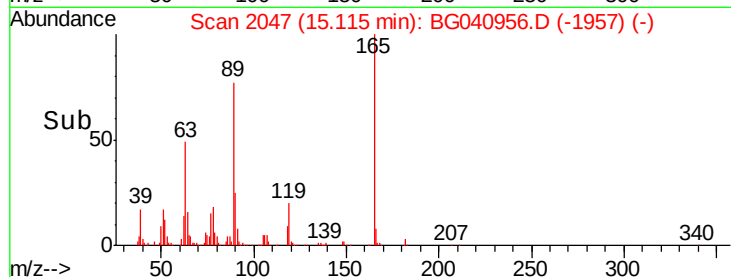
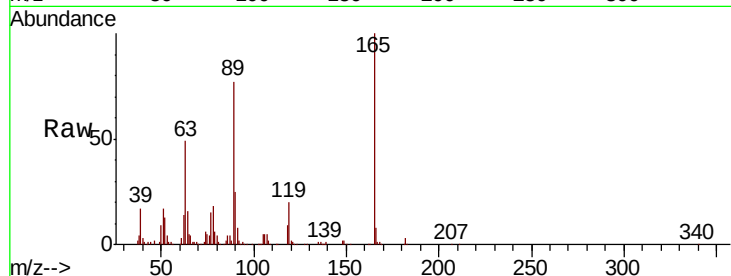
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		208259		
63	48.6	37.3	55.9		
89	76.8	61.0	91.6		
182	3.0	2.2	3.2		

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#58

Fluorene

Concen: 40.204 ng

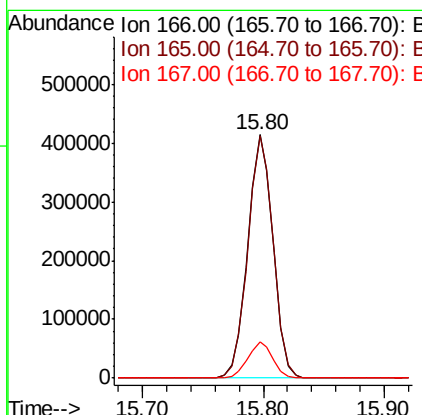
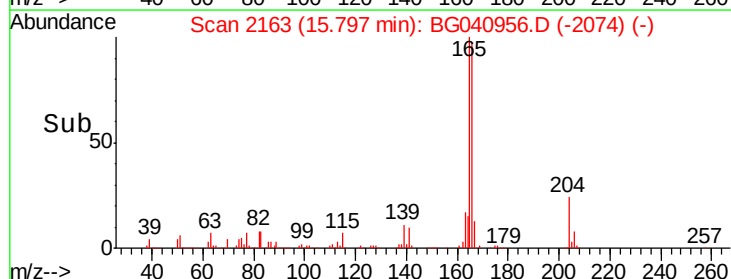
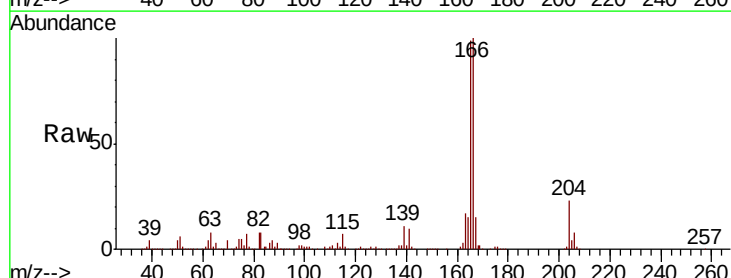
RT: 15.80 min Scan# 2163

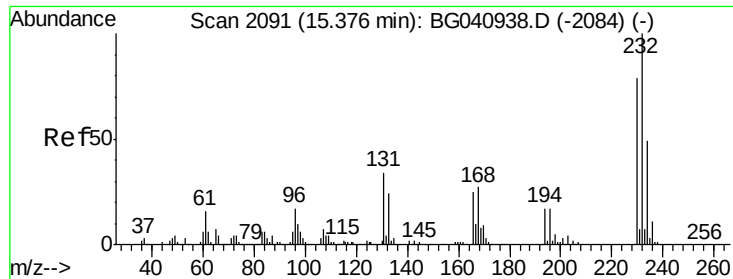
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		601933		
165	99.3	79.2	118.8		
167	14.8	11.8	17.6		





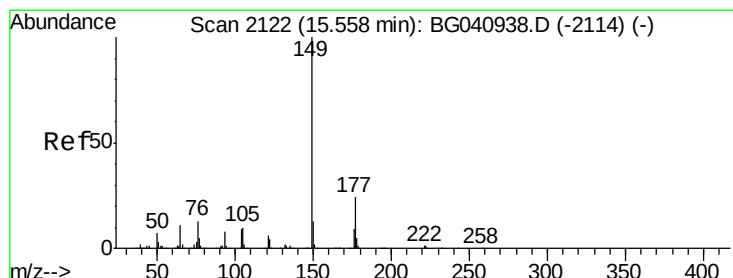
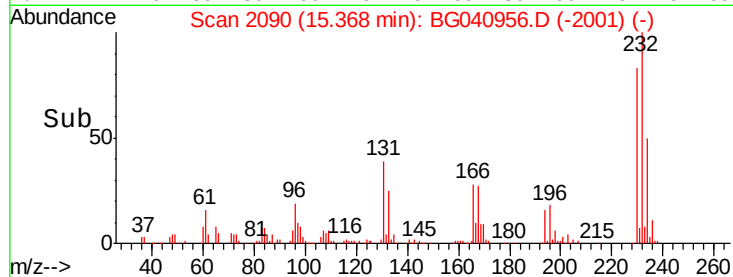
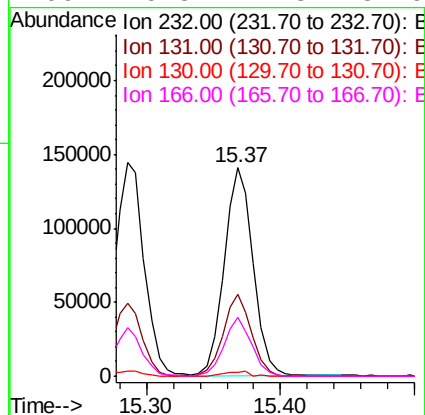
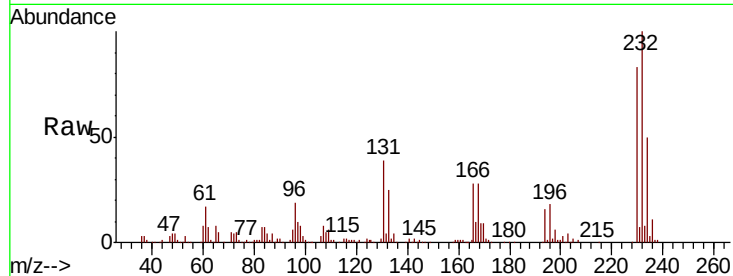
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.902 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	213150		
131	38.6	30.3	45.5	
130	2.1	1.8	2.8	
166	26.8	21.3	31.9	

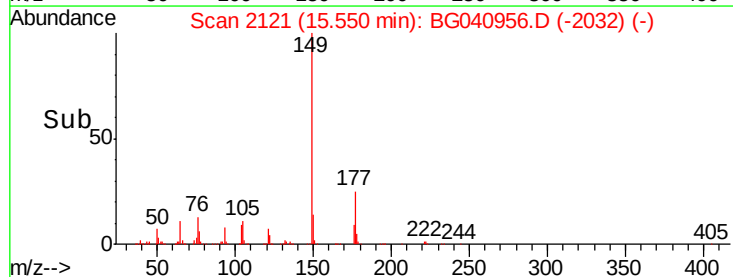
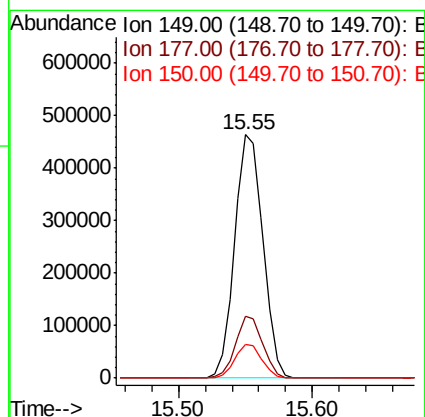
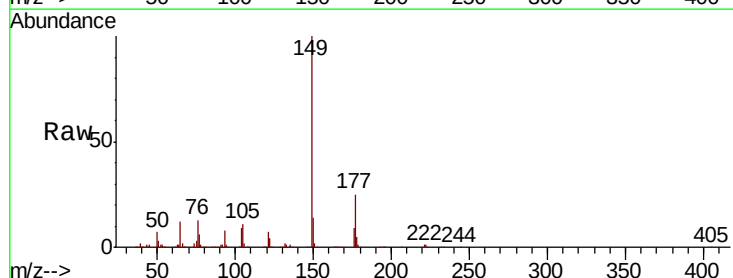
Manual Integrations
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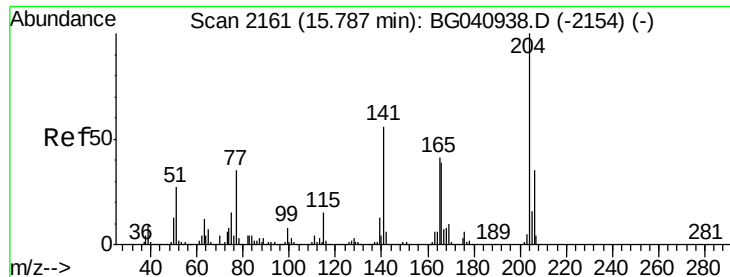
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#60
 Diethylphthalate
 Concen: 40.971 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	682521		
177	25.3	19.4	29.0	
150	13.9	10.3	15.5	





#61

4-Chlorophenyl-phenylether

Concen: 40.610 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

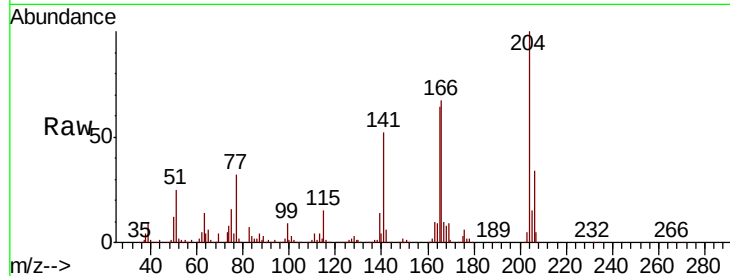
ClientSampleId :

SSTDCCC040

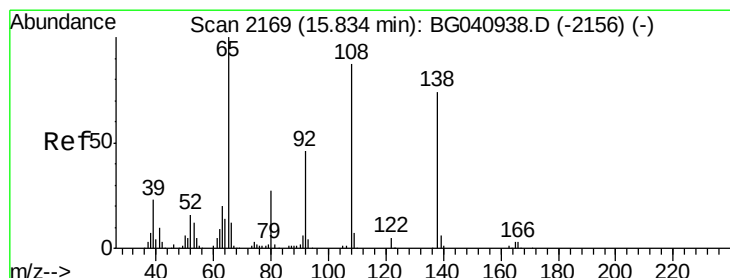
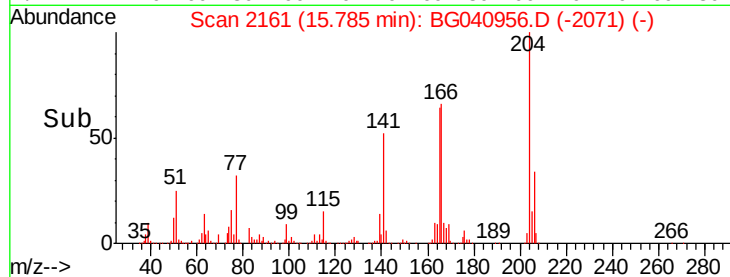
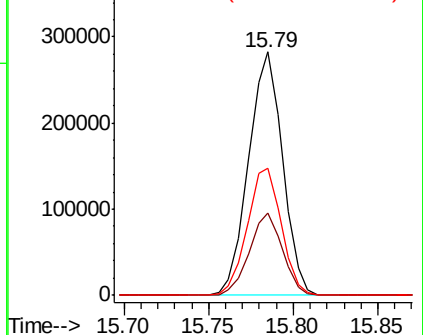
Tot Ion:	204	Resp:	395193
Ion Ratio		Lower	Upper
204	100		
206	33.8	27.6	41.4
141	52.2	45.1	67.7

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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 42.556 ng

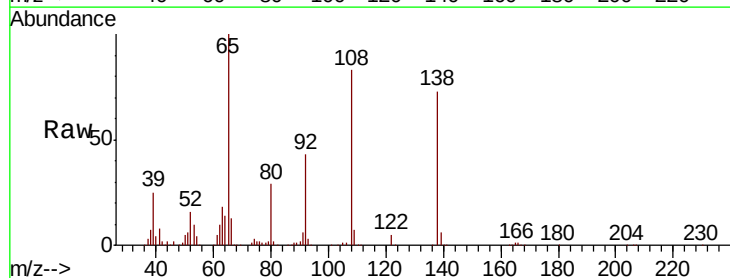
RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

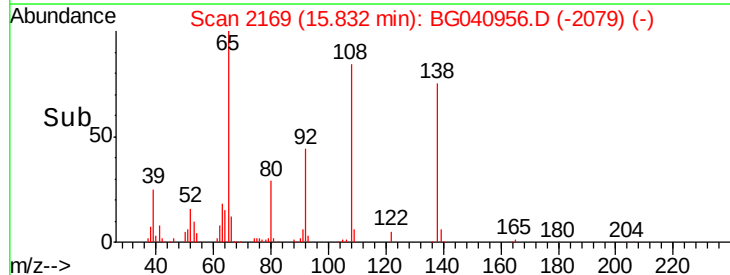
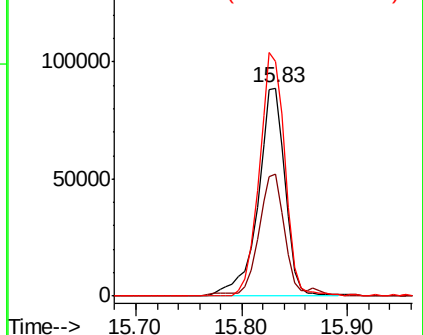
Lab File: BG040956.D

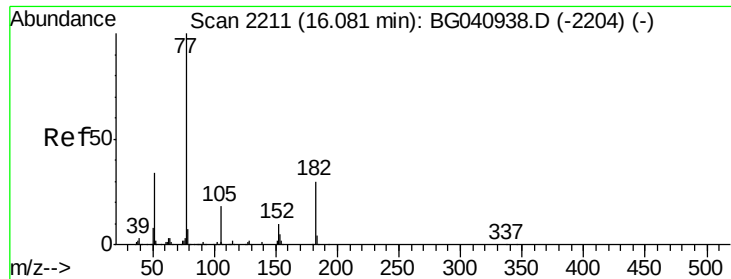
Acq: 30 May 2019 18:55

Tgt Ion:	138	Resp:	158559
Ion Ratio		Lower	Upper
138	100		
92	58.8	42.4	82.4
108	112.7	96.9	136.9



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





#63

Azobenzene

Concen: 40.704 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

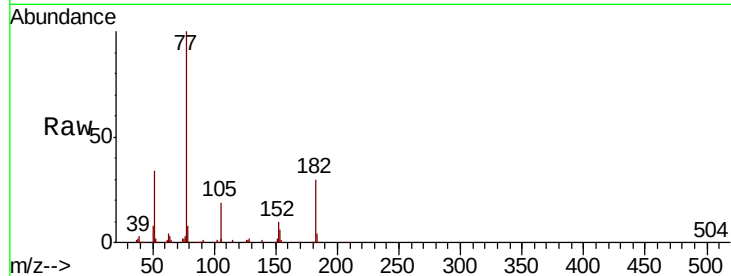
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.2	9.6	49.6	
105	19.4	0.0	37.5	
51	34.1	13.7	53.7	

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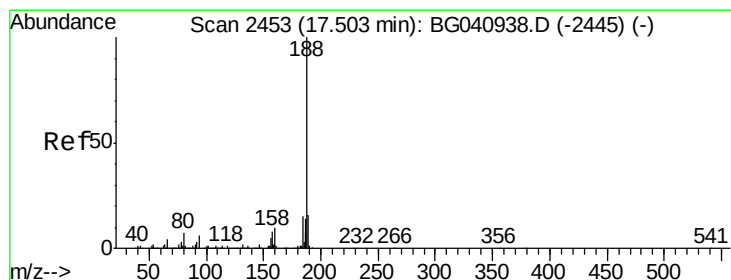
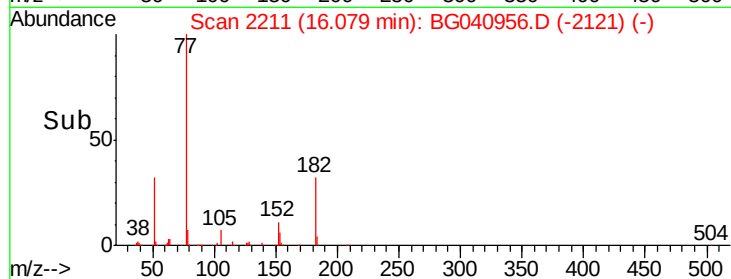
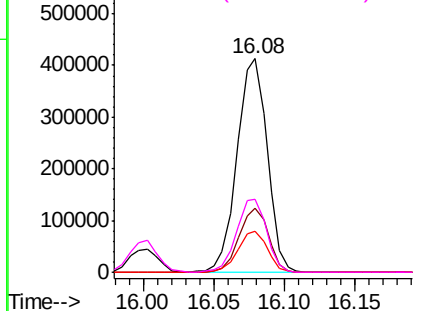
Abundance

Ion 77.00 (76.70 to 77.70): BG040938.D (-2204) (-)

Ion 182.00 (181.70 to 182.70): BG040938.D (-2204) (-)

Ion 105.00 (104.70 to 105.70): BG040938.D (-2204) (-)

Ion 51.00 (50.70 to 51.70): BG040938.D (-2204) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

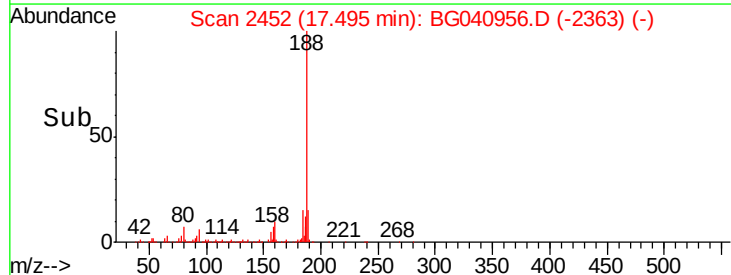
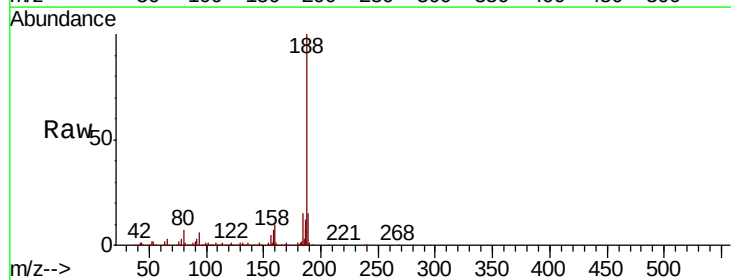
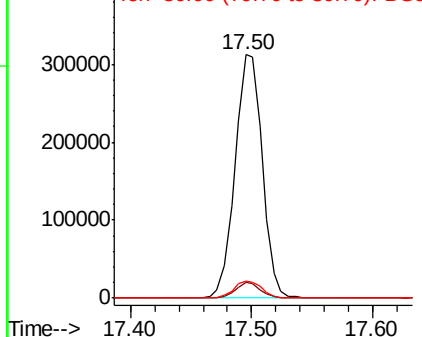
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.3	4.7	7.1	
80	6.9	5.8	8.8	

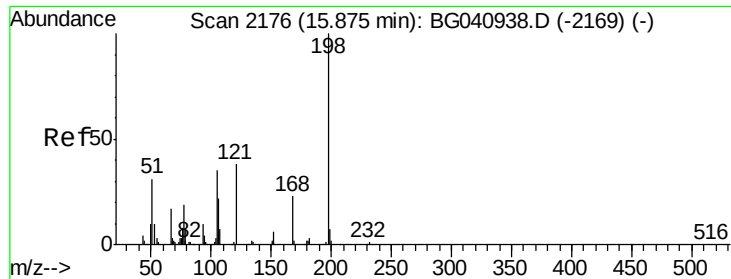
Abundance

Ion 188.00 (187.70 to 188.70): BG040938.D (-2445) (-)

Ion 94.00 (93.70 to 94.70): BG040938.D (-2445) (-)

Ion 80.00 (79.70 to 80.70): BG040938.D (-2445) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 48.579 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

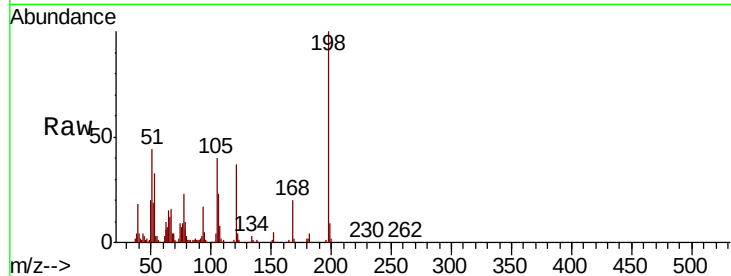
ClientSampleId :

SSTDCCC040

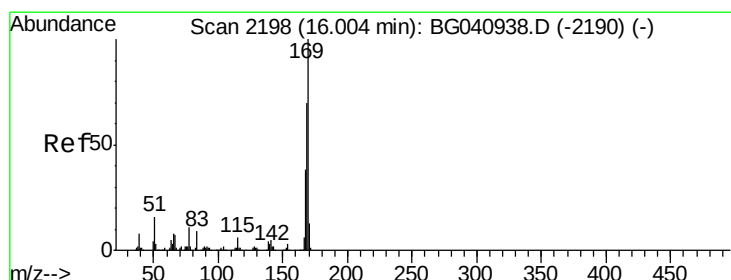
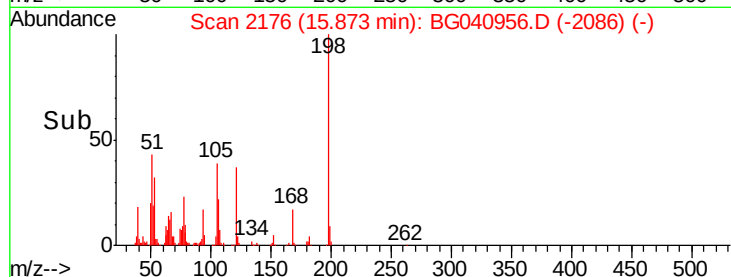
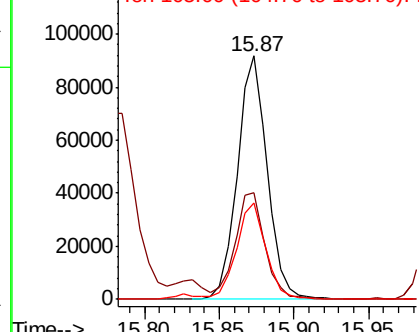
Tot Ion:	198	Resp:	127934
Ion Ratio	Lower	Upper	
198	100		
51	43.7	21.6	61.6
105	39.5	17.5	57.5

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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: 40.177 ng

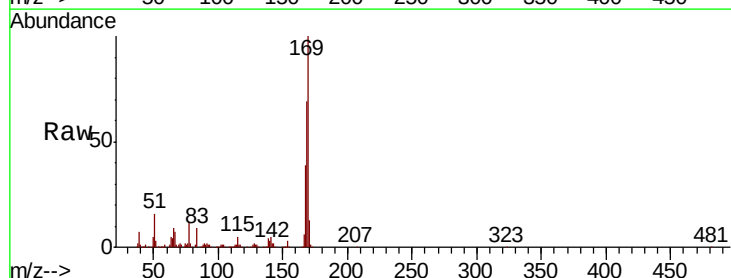
RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

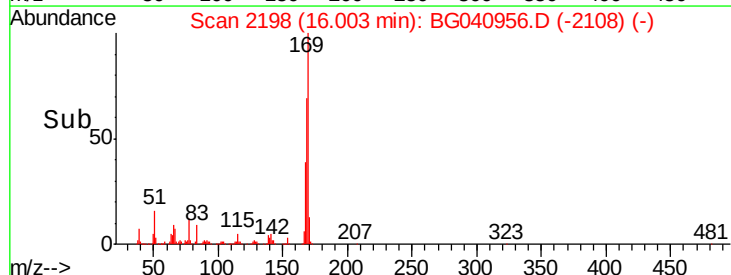
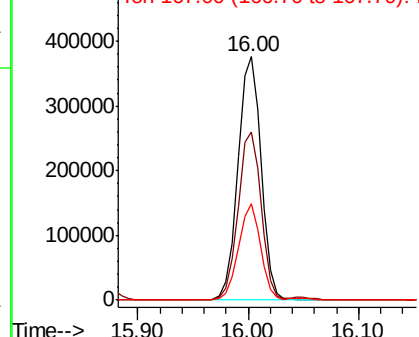
Lab File: BG040956.D

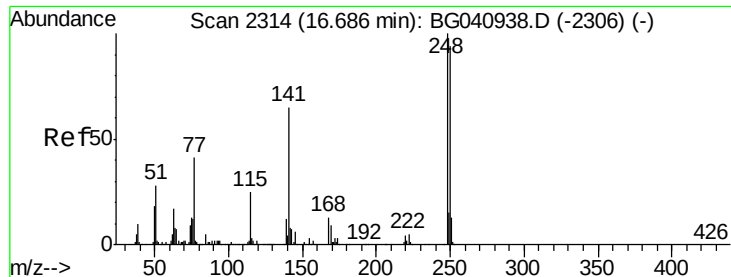
Acq: 30 May 2019 18:55

Tgt Ion:	169	Resp:	553624
Ion Ratio	Lower	Upper	
169	100		
168	69.3	55.7	83.5
167	39.4	30.2	45.2



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





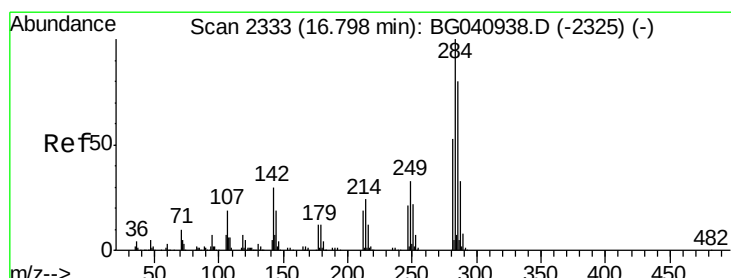
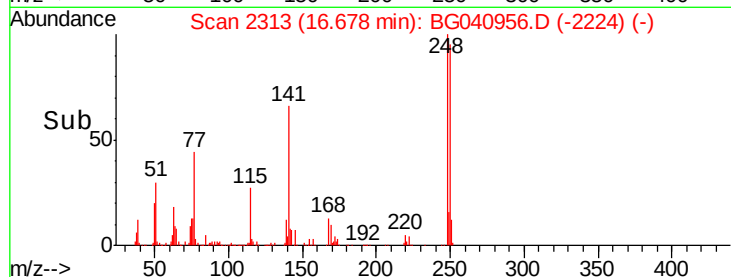
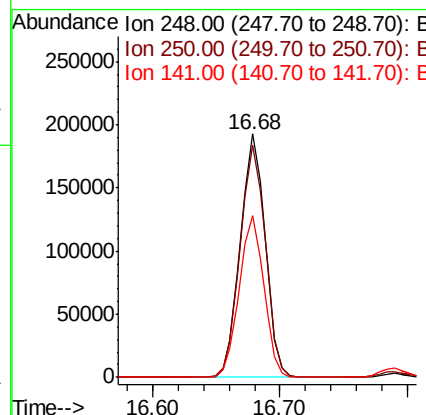
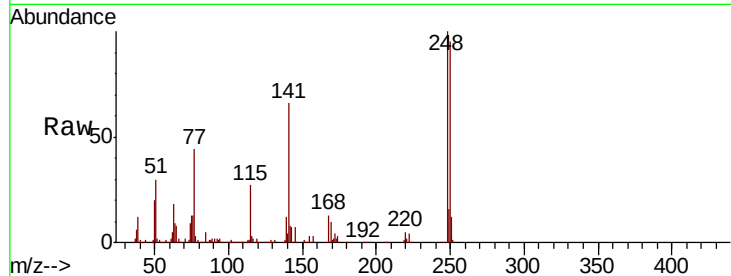
#67
4-Bromophenyl-phenylether
Concen: 39.384 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	75.0	112.4
141	66.2	52.4	78.6

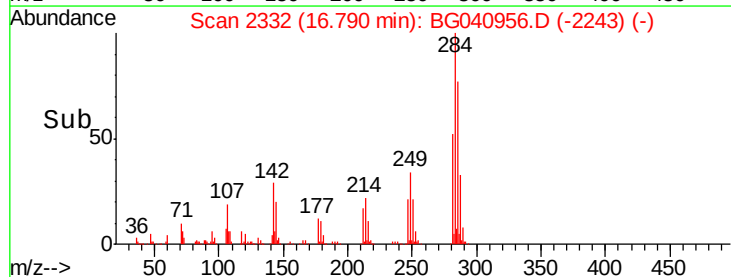
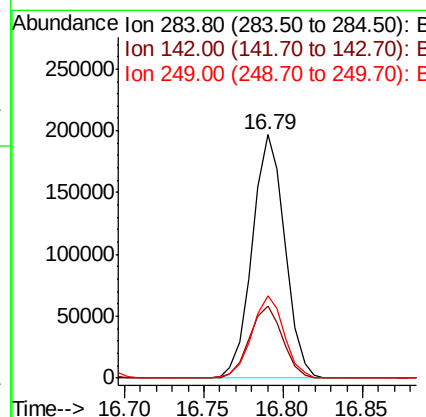
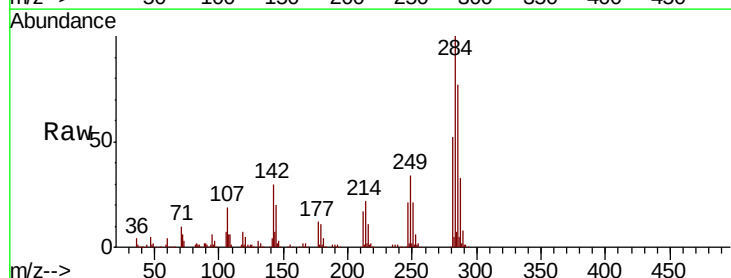
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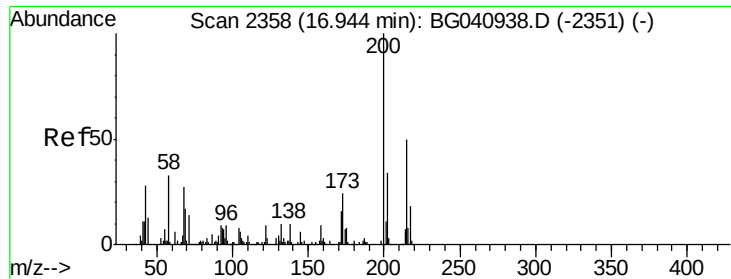
mohammad
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#68
Hexachlorobenzene
Concen: 39.904 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	23.9	35.9
249	34.0	26.8	40.2





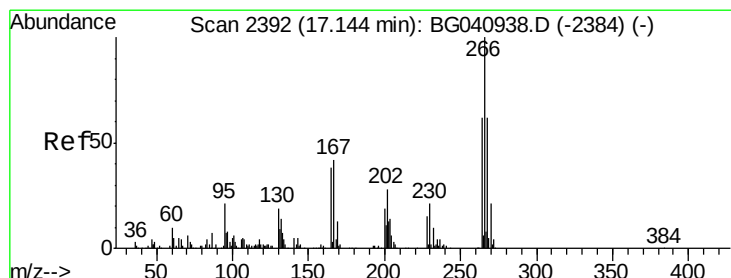
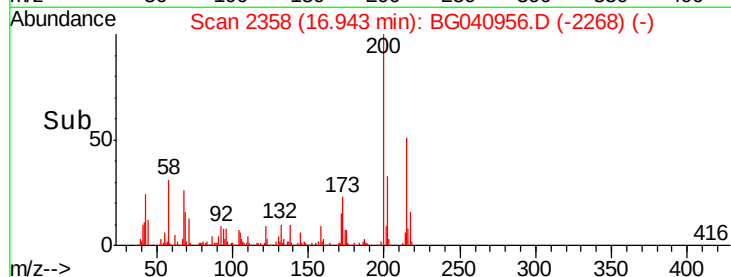
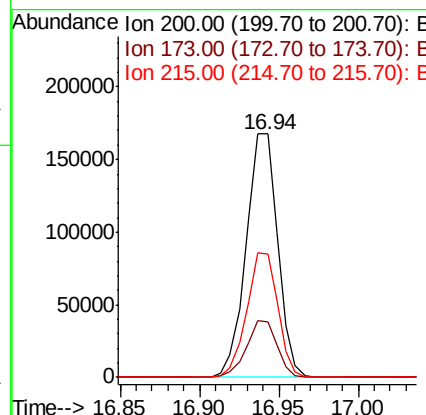
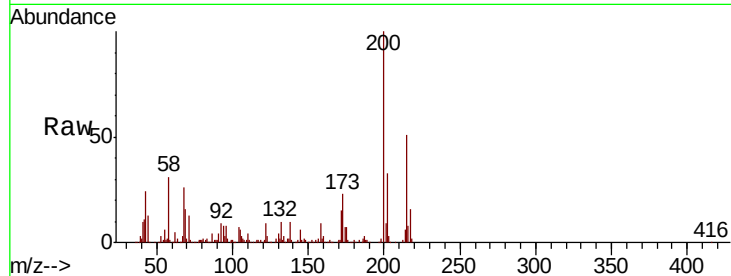
#69
Atrazine
Concen: 43.563 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	231626		
173	22.7	3.6	43.6	
215	50.6	29.6	69.6	

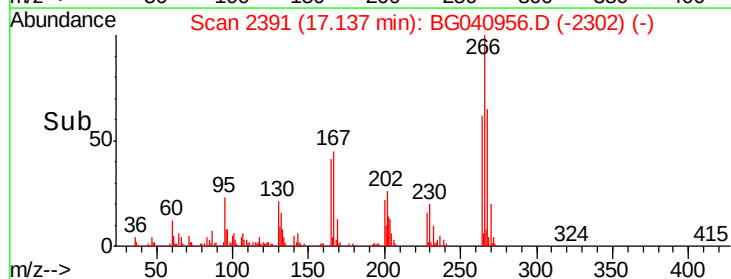
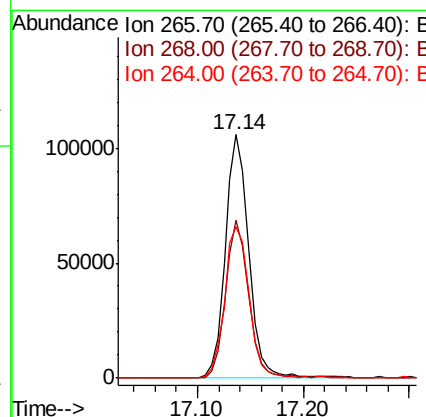
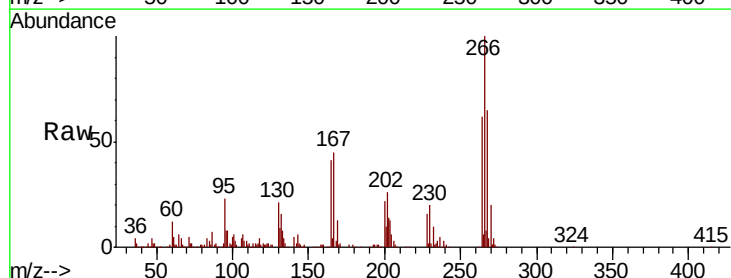
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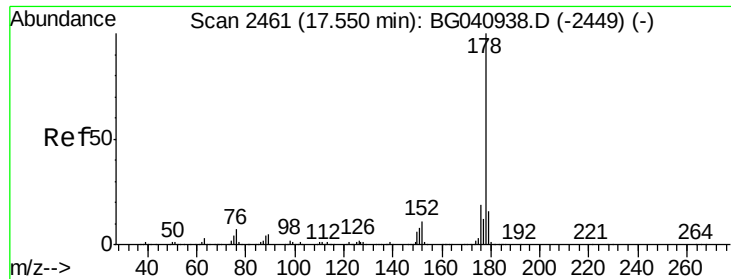
mohammad
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#70
Pentachlorophenol
Concen: 45.192 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	163155		
268	64.6	53.1	79.7	
264	62.3	49.9	74.9	





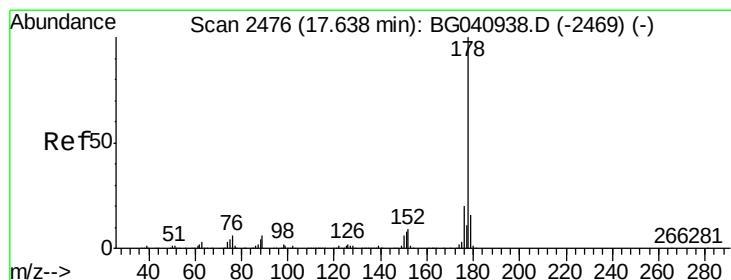
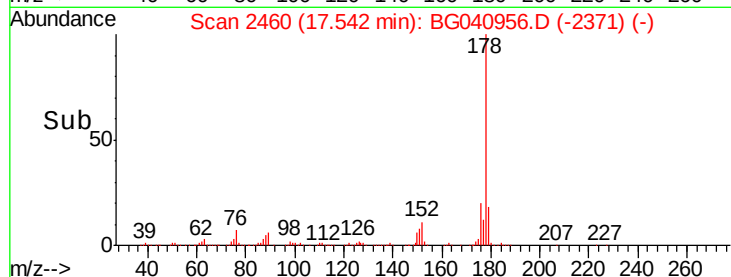
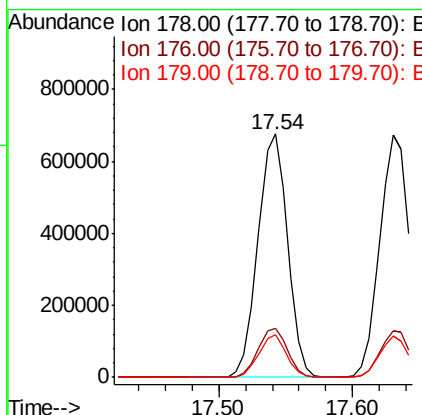
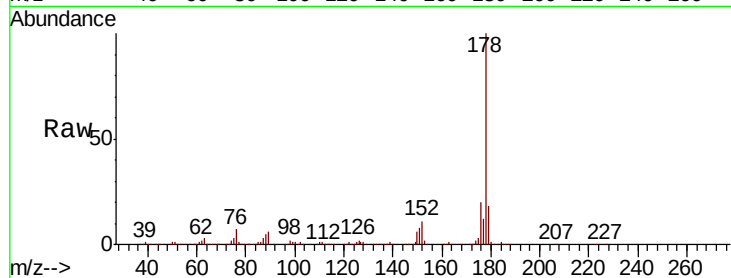
#71
Phenanthrene
Concen: 40.521 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.0	15.5	23.3	
179	17.5	12.7	19.1	

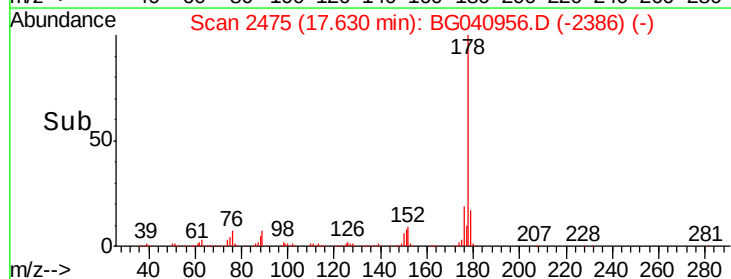
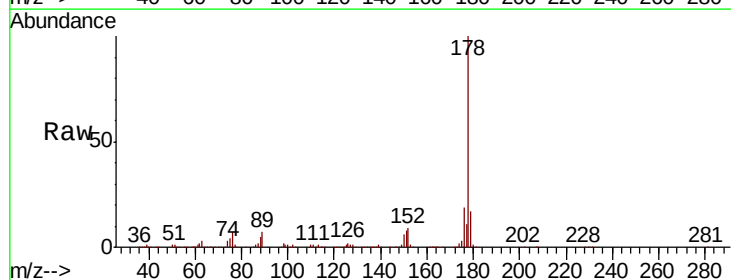
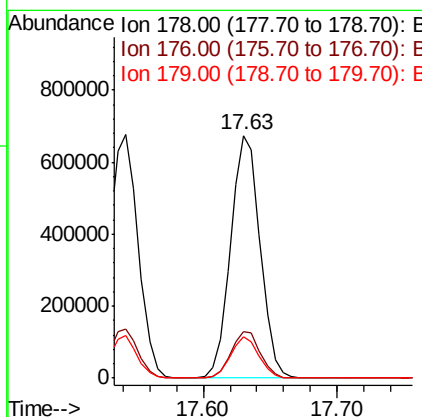
Manual Integrations
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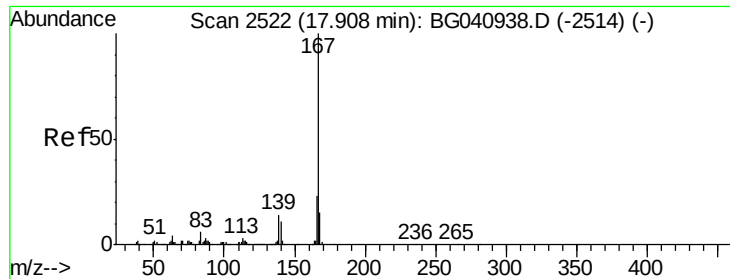
mohammad
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#72
Anthracene
Concen: 40.981 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.1	15.6	23.4	
179	16.8	13.0	19.4	





#73

Carbazole

Concen: 42.046 ng

RT: 17.90 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

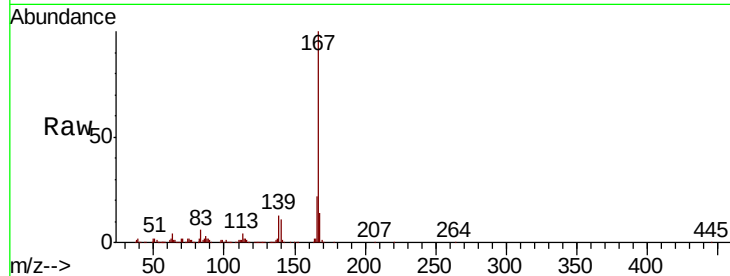
ClientSampleId :

SSTDCCC040

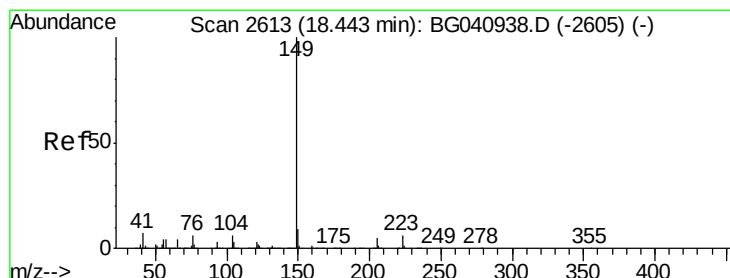
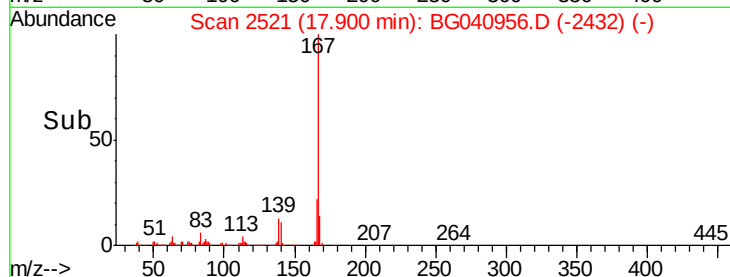
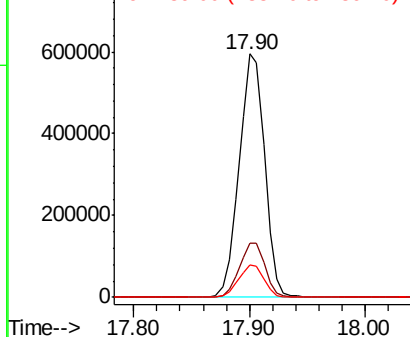
Tot Ion:	167	Resp:	908523
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.2	27.4
139	13.4	10.8	16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
800000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.685 ng

RT: 18.44 min Scan# 2612

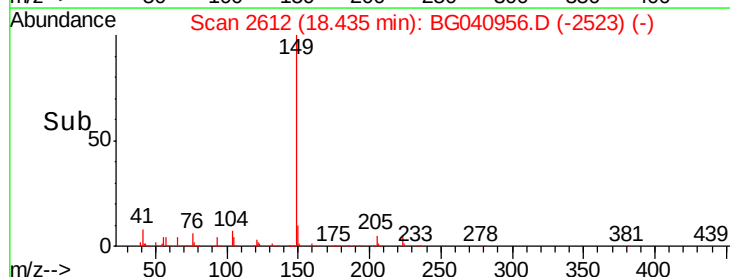
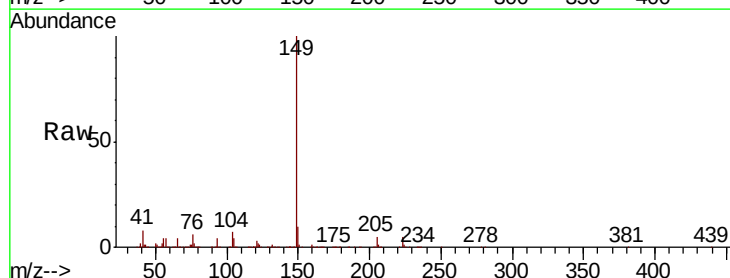
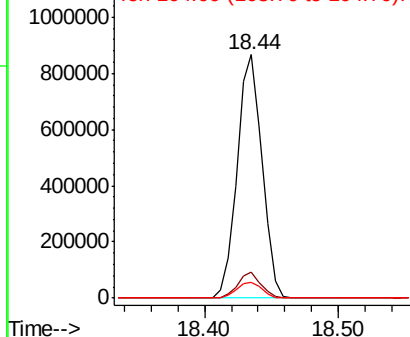
Delta R.T. -0.01 min

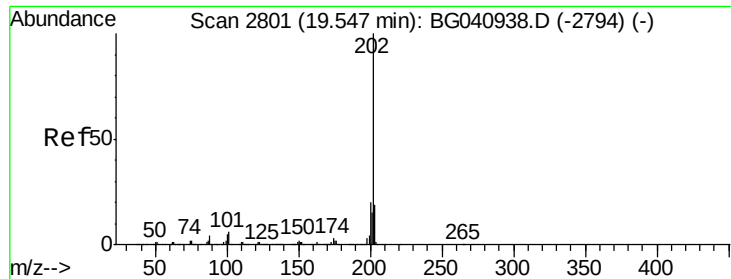
Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	149	Resp:	1119468
Ion Ratio	Lower	Upper	
149	100		
150	10.5	7.4	11.2
104	6.7	5.0	7.4

Abundance Ion 149.00 (148.70 to 149.70): E
1200000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.564 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

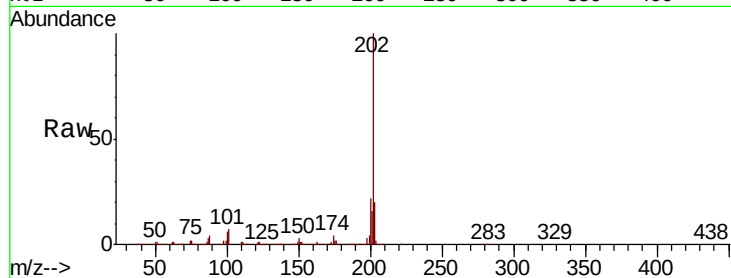
ClientSampleId :

SSTDCCC040

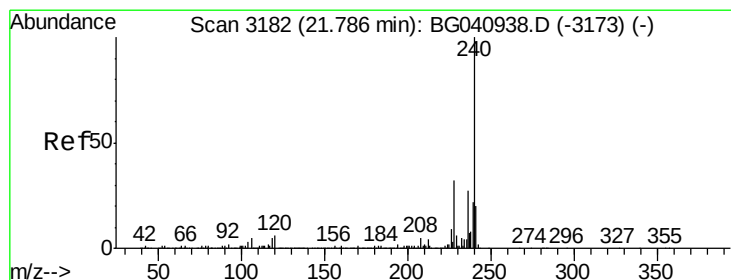
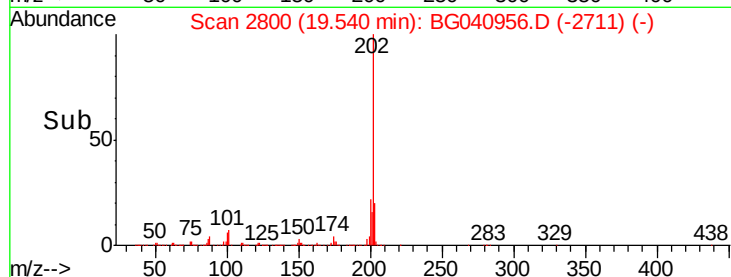
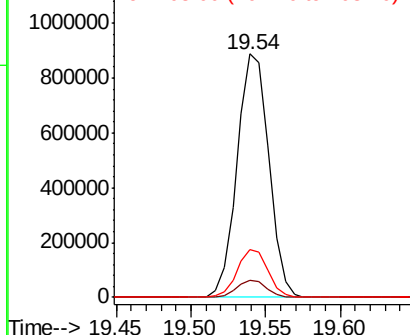
Tot Ion:	202	Resp:	1310822
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.2
203	19.6	0.0	38.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

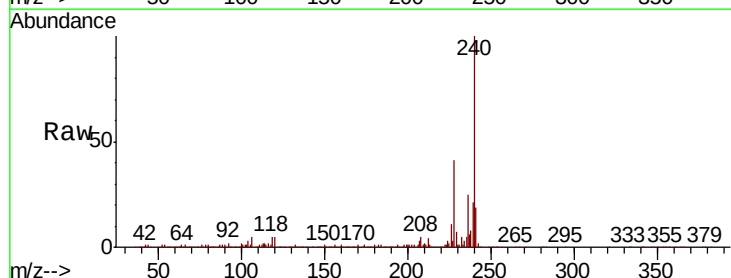
RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

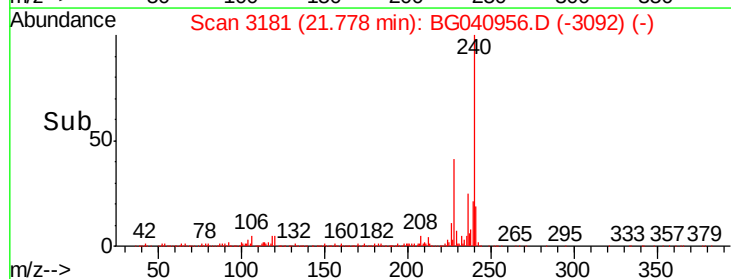
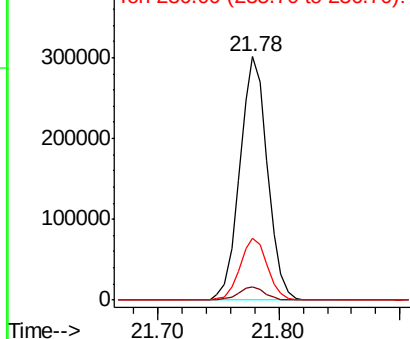
Lab File: BG040956.D

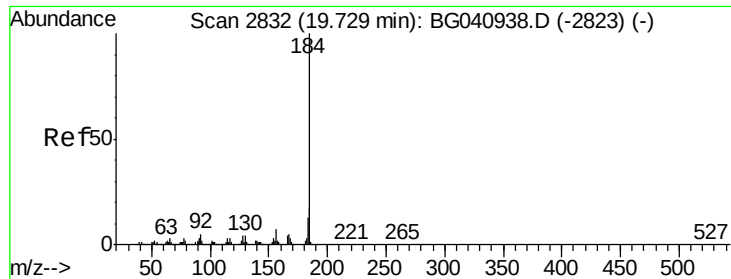
Acq: 30 May 2019 18:55

Tgt Ion:	240	Resp:	479070
Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.5	6.7
236	25.2	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.941 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

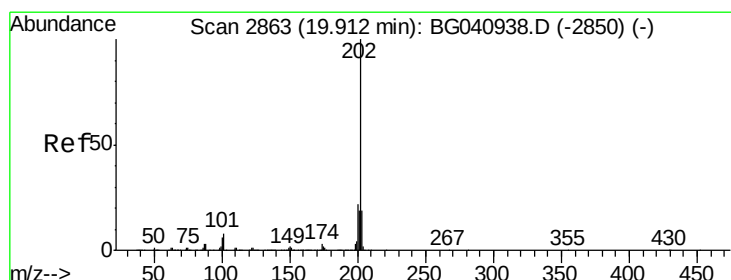
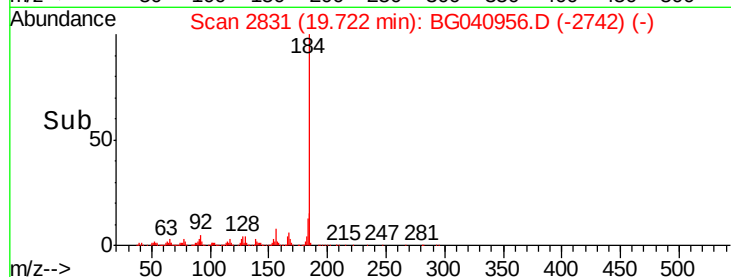
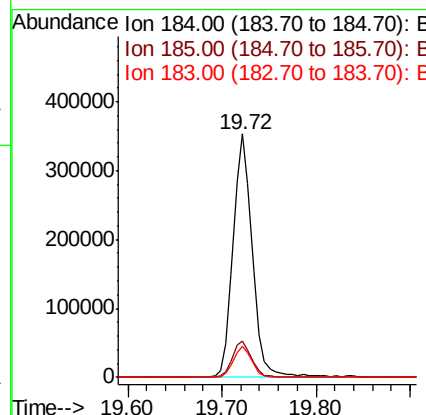
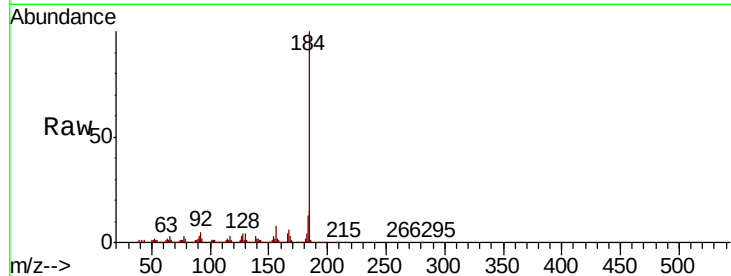
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	502173
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.3	19.9
183	12.6	10.7	16.1

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#78

Pyrene

Concen: 42.489 ng

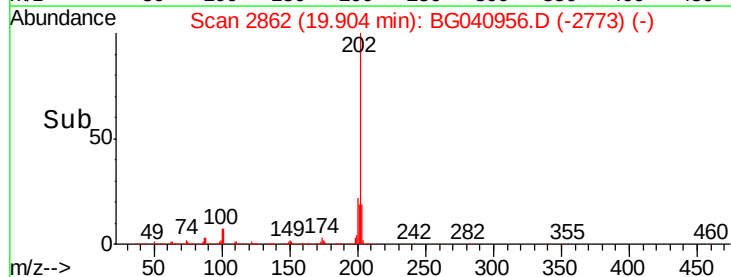
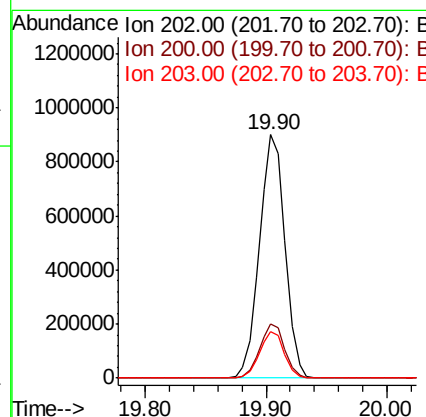
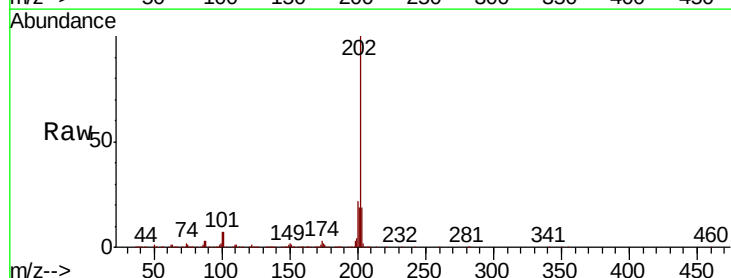
RT: 19.90 min Scan# 2862

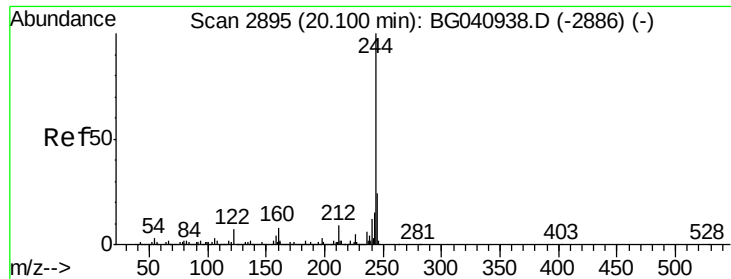
Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	202	Resp:	1323223
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.5	26.3
203	18.9	15.6	23.4





#79

Terphenyl-d14

Concen: 82.479 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1861770

Ion Ratio Lower Upper

244 100

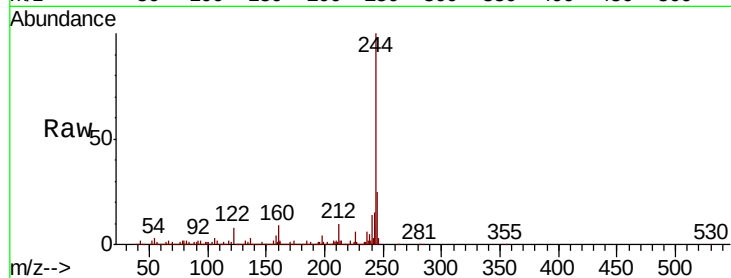
212 9.9 7.0 10.4

122 7.9 5.4 8.0

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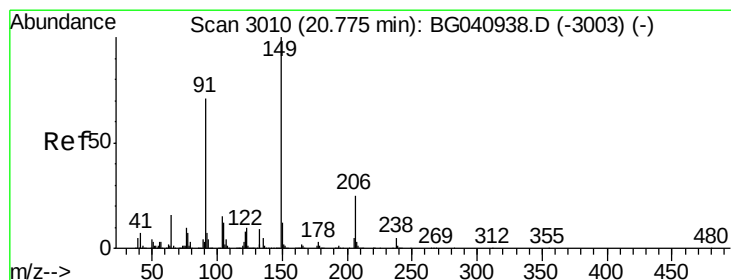
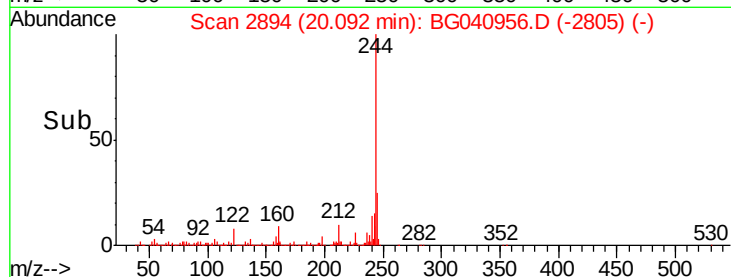
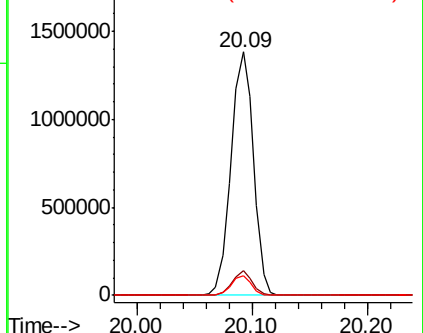
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.799 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

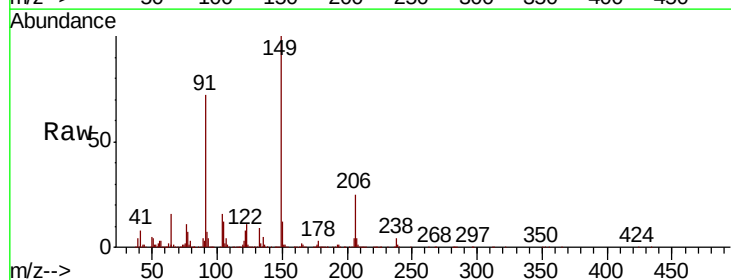
Tgt Ion:149 Resp: 506579

Ion Ratio Lower Upper

149 100

91 71.5 56.5 84.7

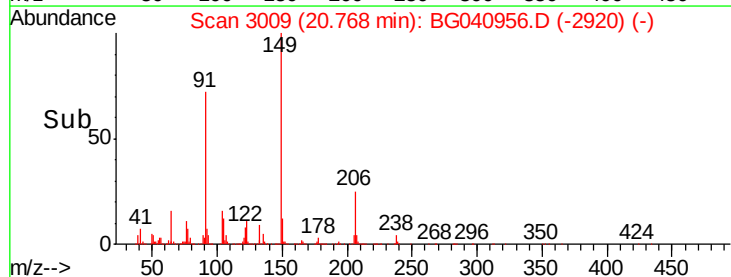
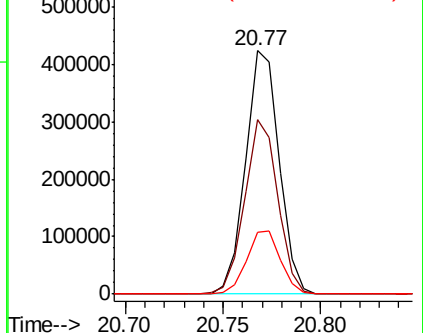
206 25.3 20.3 30.5

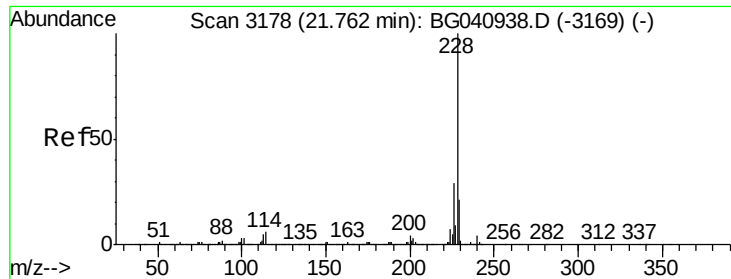


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.299 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

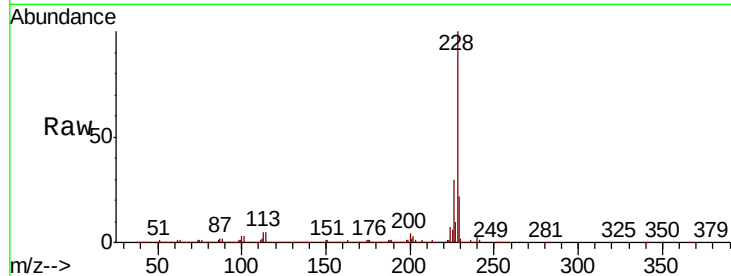
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1285117
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	21.6	16.7	25.1

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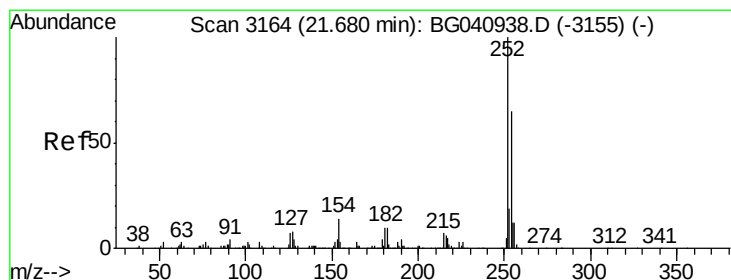
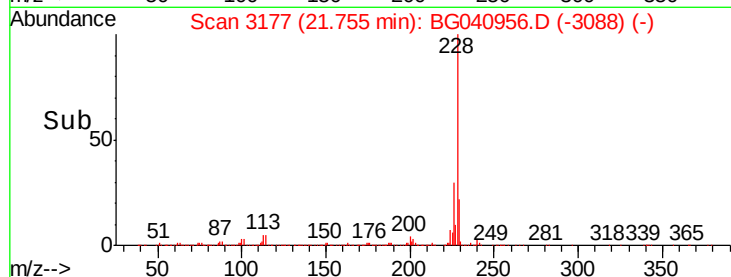
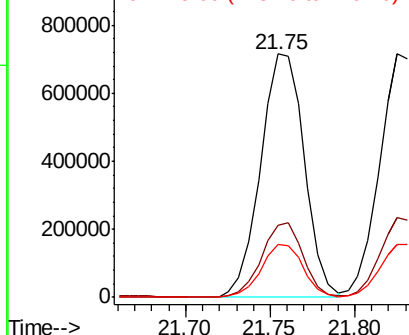


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.071 ng

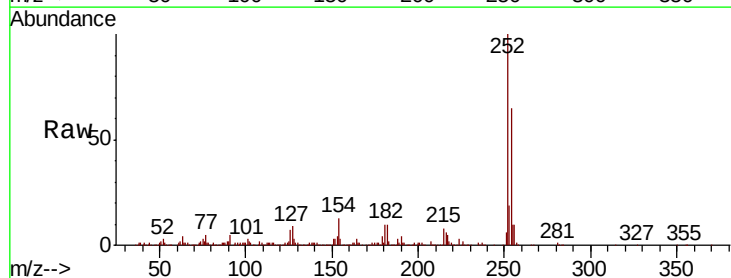
RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	252	Resp:	471881
Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	7.0	5.5	8.3

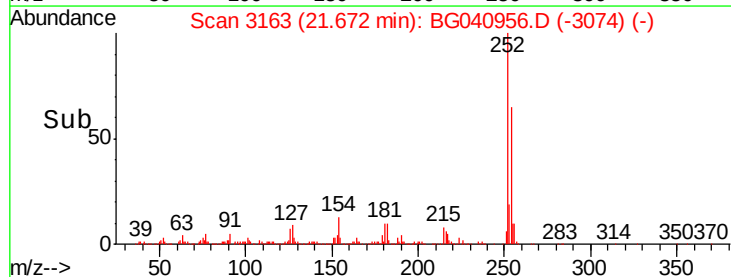
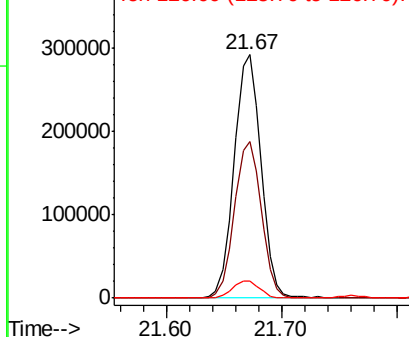


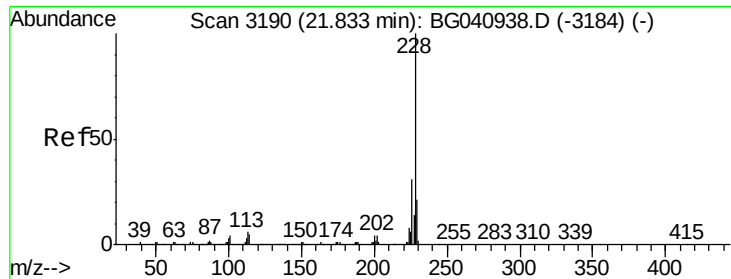
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





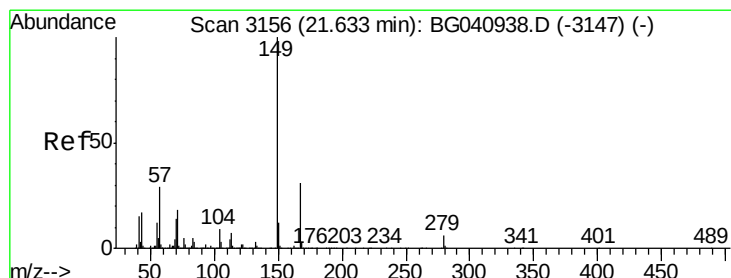
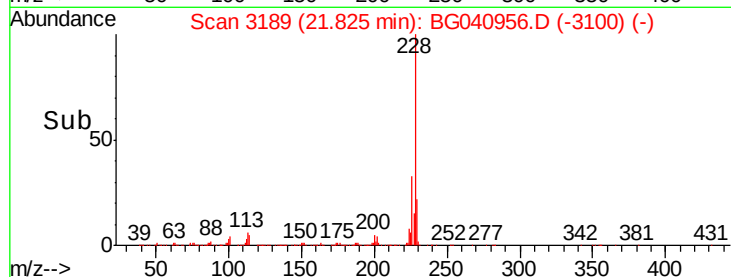
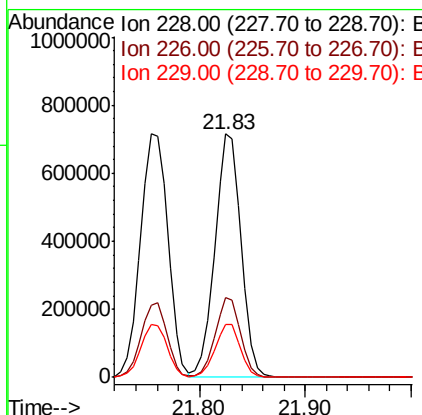
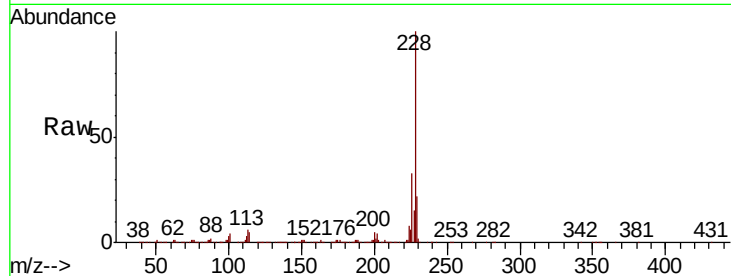
#83
 Chrysene
 Concen: 40.364 ng
 RT: 21.83 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.6	37.0
229	21.6	16.6	24.8

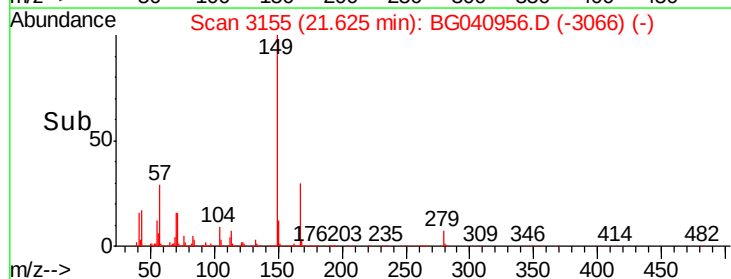
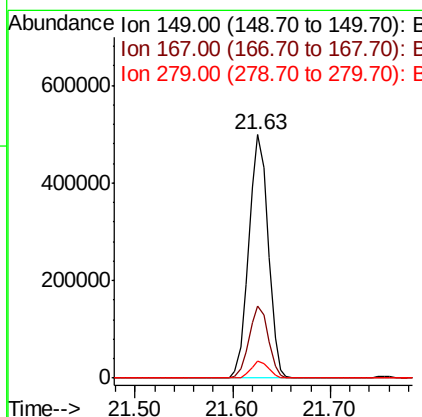
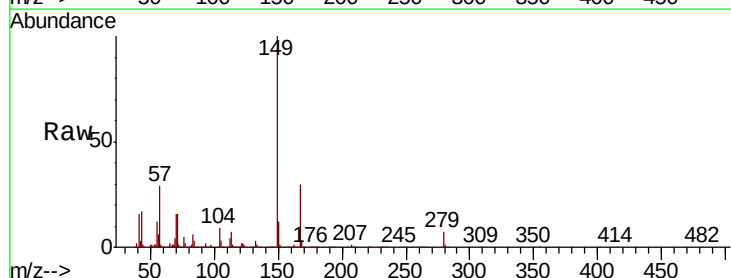
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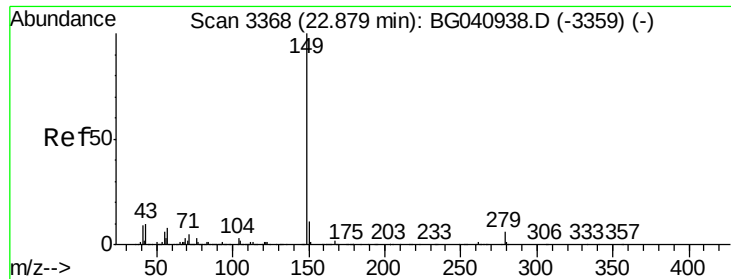
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.299 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG040956.D
 Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.6	37.0
279	6.8	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 40.209 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1142477

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

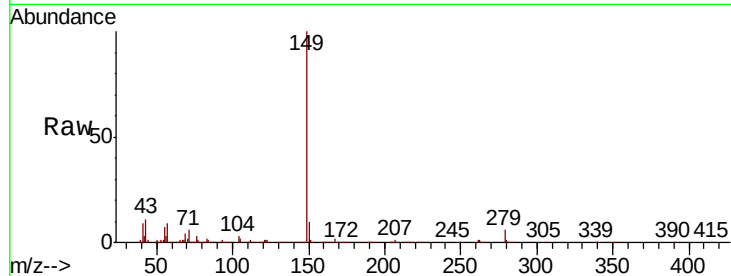
43 10.6 8.1 12.1

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.87

800000

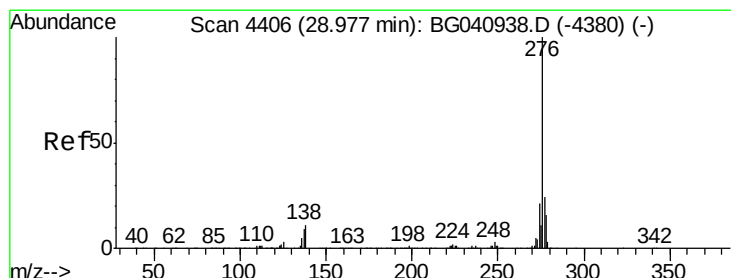
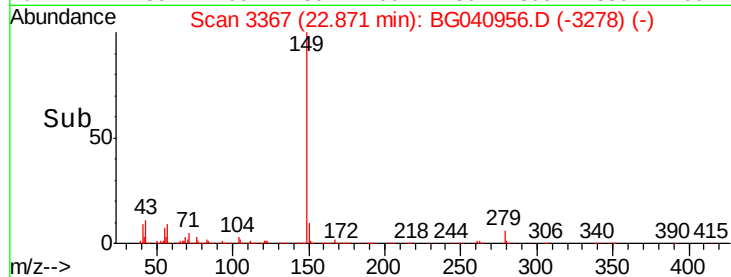
600000

400000

200000

0

Time--> 22.70 22.80 22.90 23.00



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.979 ng

RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

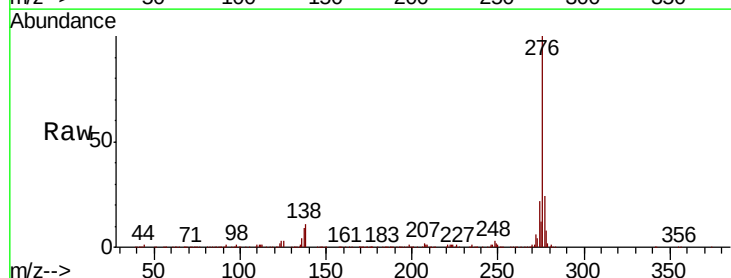
Tgt Ion:276 Resp: 1457169

Ion Ratio Lower Upper

276 100

138 7.2 5.7 8.5

277 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.95

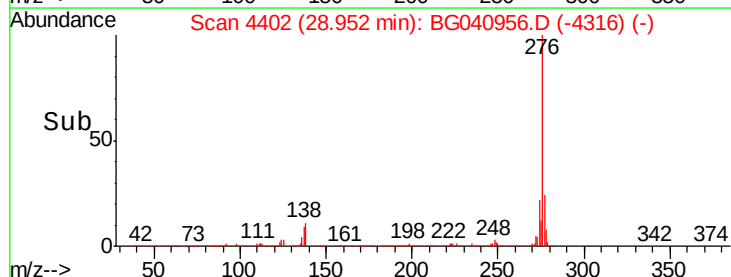
300000

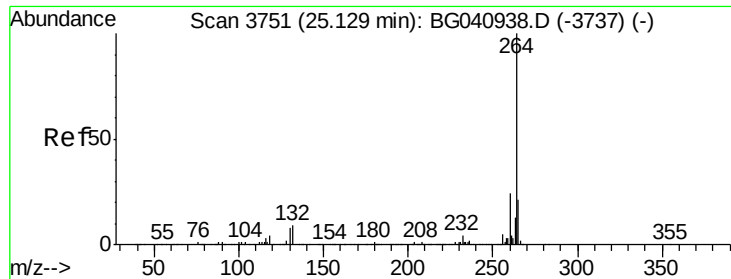
200000

100000

0

Time--> 28.80 29.00 29.20





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040956.D

Acq: 30 May 2019 18:55

Instrument :

BNA_G

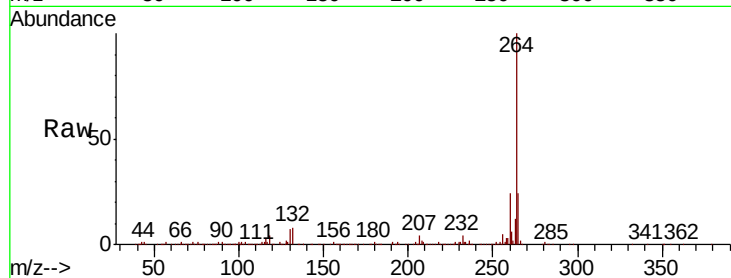
ClientSampleId :

SSTDCCC040

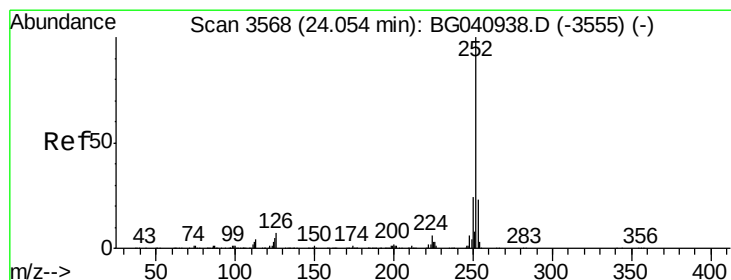
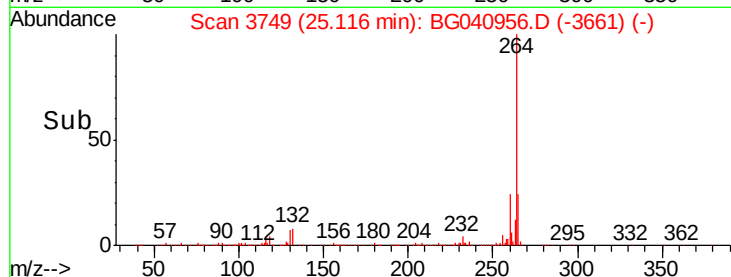
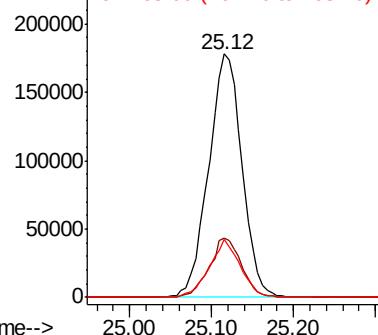
Tot Ion:	264	Resp:	503620
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.0	28.4
265	23.7	17.0	25.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.134 ng

RT: 24.05 min Scan# 3567

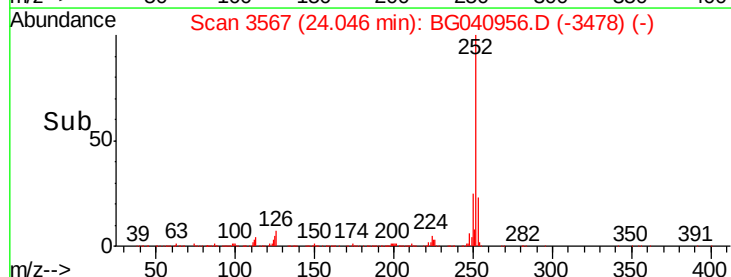
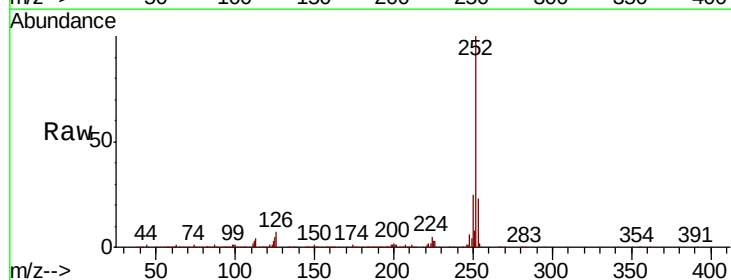
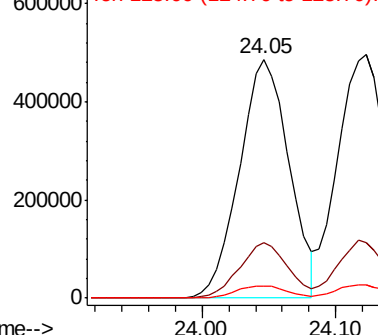
Delta R.T. -0.01 min

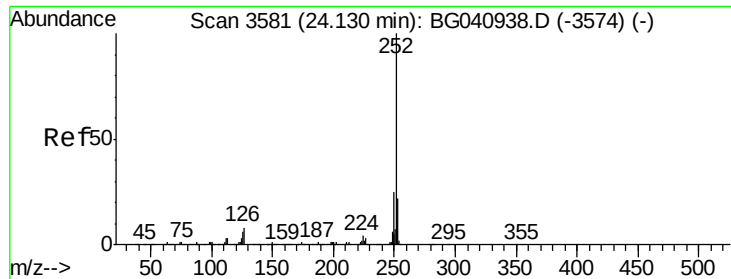
Lab File: BG040956.D

Acq: 30 May 2019 18:55

Tgt Ion:	252	Resp:	1256502
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.4	27.6
125	4.9	4.3	6.5

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





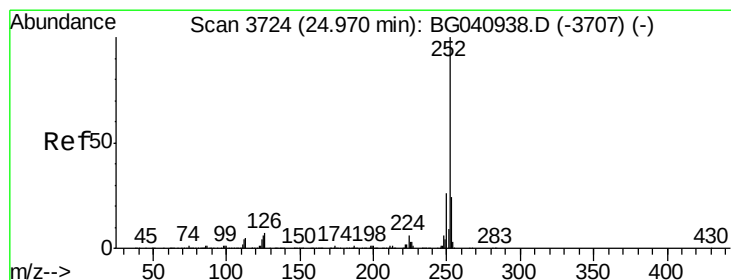
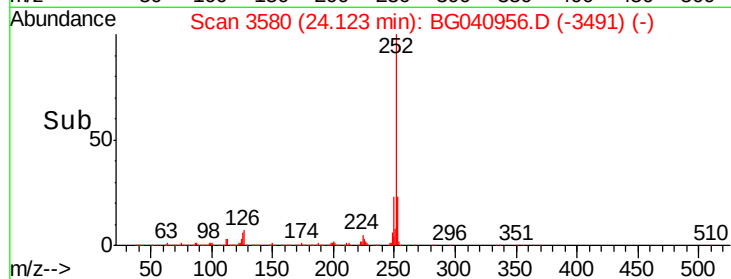
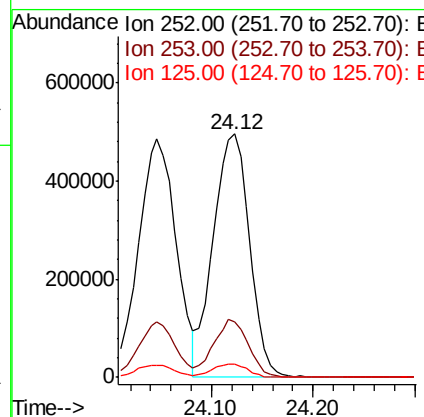
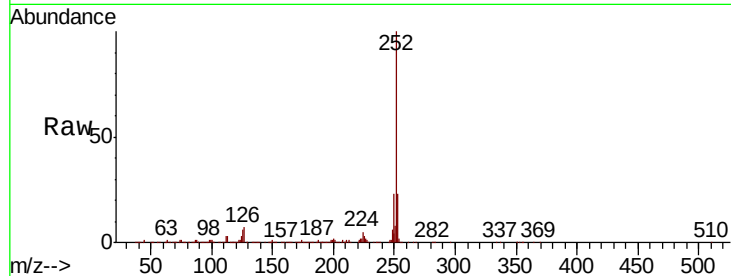
#89
Benzo(k)fluoranthene
Concen: 40.538 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.6	4.7	7.1

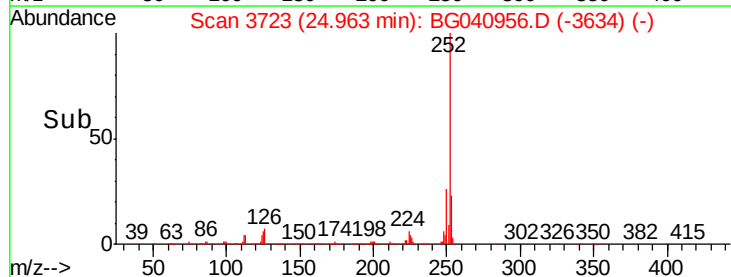
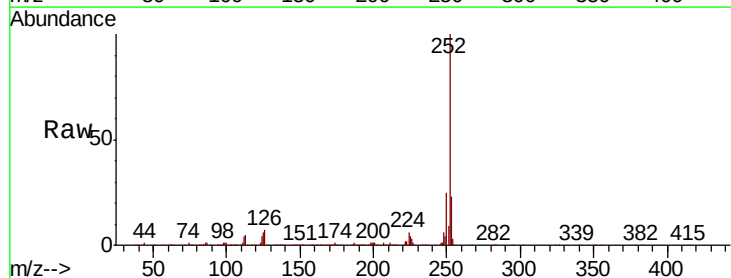
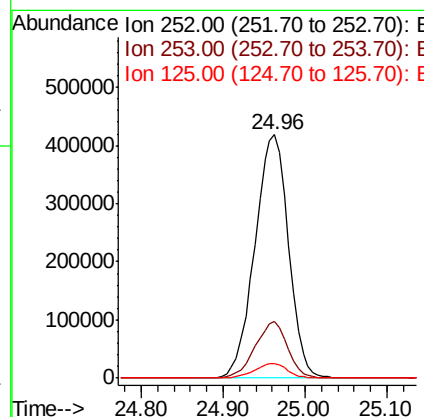
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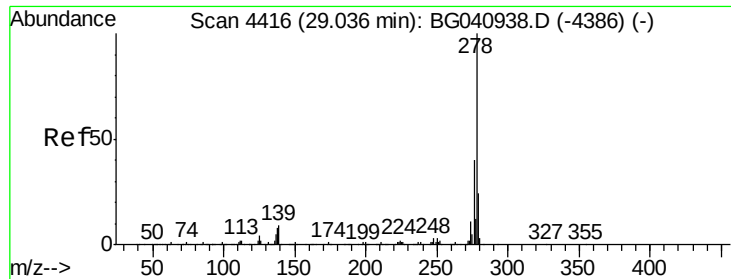
mohammad
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#90
Benzo(a)pyrene
Concen: 41.019 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.5	29.3
125	5.8	5.1	7.7





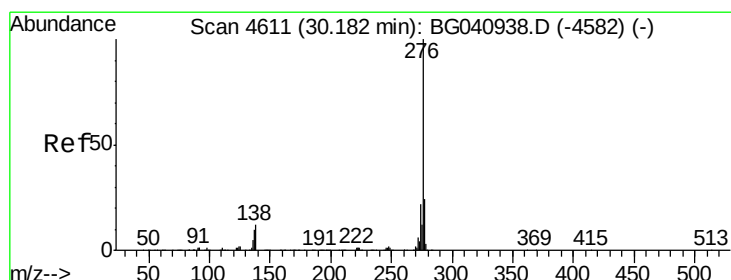
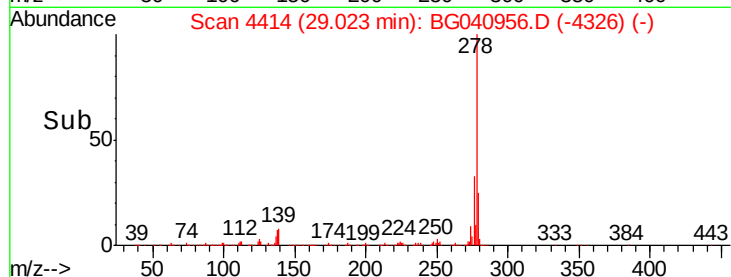
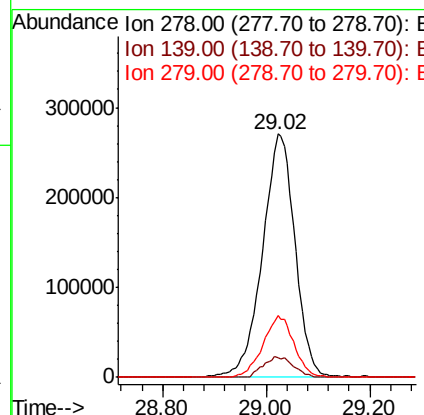
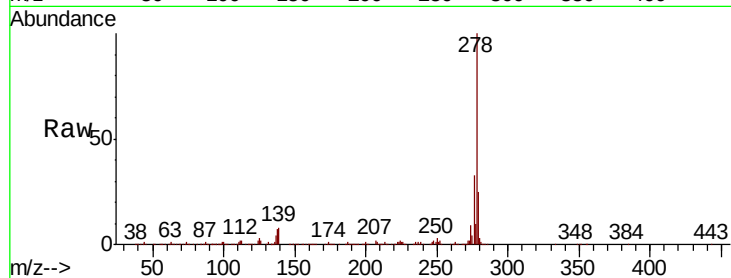
#91
Dibenzo(a,h)anthracene
Concen: 40.482 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.1	7.1	10.7
279	25.4	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 41.234 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG040956.D
Acq: 30 May 2019 18:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	11.2	9.7	14.5

