

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046043.D
 Acq On : 14 Jul 2020 21:49
 Operator : CG/JU
 Sample : L3181-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Manual Integrations
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mohammad
 7/15/2020 11:01:39 AM

Quant Time: Jul 15 00:57:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	124192	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	501229	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	302752	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	661581	20.00	ng	0.00
76) Chrysene-d12	21.62	240	587940	20.00	ng	0.00
86) Perylene-d12	24.78	264	599880	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	905470	118.23	ng	0.00
7) Phenol-d6	7.17	99	1130149	102.50	ng	0.00
23) Nitrobenzene-d5	9.16	82	854539	98.13	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	357924	127.38	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1495991	77.08	ng	0.00
79) Terphenyl-d14	19.98	244	2020194	76.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	151019	42.743	ng	# 35
3) Pyridine	3.91	79	414263	38.776	ng	98
4) n-Nitrosodimethylamine	3.81	42	186456	51.614	ng	# 94
6) Aniline	7.33	93	343024	24.320	ng	98
8) 2-Chlorophenol	7.57	128	421604	51.141	ng	99
9) Benzaldehyde	7.14	77	136885	19.595	ng	98
10) Phenol	7.20	94	489022	44.215	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	448286	49.015	ng	98
12) 1,3-Dichlorobenzene	7.90	146	442022	46.517	ng	97
13) 1,4-Dichlorobenzene	8.04	146	437479	46.801	ng	99
14) 1,2-Dichlorobenzene	8.36	146	430488	47.850	ng	97
15) Benzyl Alcohol	8.24	79	424271	49.076	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	575413	48.221	ng	98
17) 2-Methylphenol	8.45	107	378624	45.623	ng	98
18) Hexachloroethane	9.09	117	172874	48.064	ng	91
19) n-Nitroso-di-n-propylamine	8.81	70	375582	48.489	ng	99
20) 3+4-Methylphenols	8.77	107	505157	44.662	ng	99
22) Acetophenone	8.82	105	630365	47.076	ng	97
24) Nitrobenzene	9.20	77	533058	55.460	ng	99
25) Isophorone	9.72	82	988211	46.485	ng	99
26) 2-Nitrophenol	9.91	139	209018	66.718	ng	94
27) 2,4-Dimethylphenol	9.97	122	378746	50.053	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	586142	49.100	ng	99
29) 2,4-Dichlorophenol	10.45	162	384580	49.096	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	393944	45.389	ng	97
31) Naphthalene	10.85	128	1260406	46.908	ng	99
32) Benzoic acid	10.07	122	63929	18.465	ng	98
33) 4-Chloroaniline	10.96	127	53780	4.479	ng	96
34) Hexachlorobutadiene	11.15	225	219094	43.233	ng	98
35) Caprolactam	11.73	113	123082m	41.385	ng	
36) 4-Chloro-3-methylphenol	12.08	107	443900	49.755	ng	99
37) 2-Methylnaphthalene	12.45	142	909013	47.590	ng	98
38) 1-Methylnaphthalene	12.67	142	869037	48.210	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	384665	45.073	ng	97

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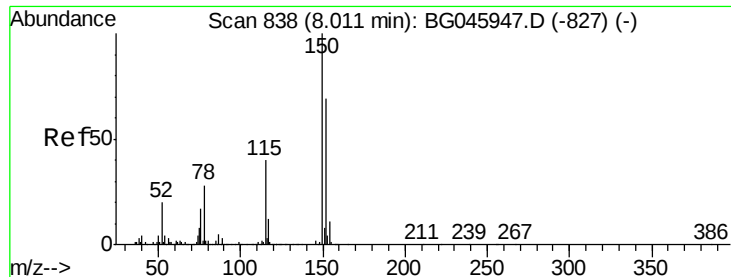
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	456988	90.243	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	289896	50.226	nq	98
44) 2,4,5-Trichlorophenol	13.14	196	307558	47.129	nq	98
46) 1,1'-Biphenyl	13.46	154	1086289	47.697	nq	98
47) 2-Chloronaphthalene	13.50	162	831087	46.250	nq	98
48) 2-Nitroaniline	13.70	65	317332	61.940	nq	98
49) Acenaphthylene	14.35	152	1360977	46.942	nq	99
50) Dimethylphthalate	14.09	163	1089812	47.965	nq	100
51) 2,6-Dinitrotoluene	14.19	165	242060	58.767	nq	94
52) Acenaphthene	14.69	154	907493	49.624	nq	97
53) 3-Nitroaniline	14.52	138	115715	24.747	nq	# 92
54) 2,4-Dinitrophenol	14.72	184	116114	76.655	nq	# 91
55) Dibenzofuran	15.03	168	1255228	46.825	nq	100
56) 4-Nitrophenol	14.84	139	409105	110.519	nq	97
57) 2,4-Dinitrotoluene	14.98	165	337512	63.336	nq	99
58) Fluorene	15.67	166	1047193	47.620	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	281187	55.807	nq	92
60) Diethylphthalate	15.45	149	1124632	47.198	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	496117	45.347	nq	100
62) 4-Nitroaniline	15.68	138	273445	58.230	nq	94
63) Azobenzene	15.96	77	1266409	49.518	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	119825	51.951	nq	97
66) n-Nitrosodiphenylamine	15.88	169	944229	46.057	nq	98
67) 4-Bromophenyl-phenylether	16.56	248	319763	43.276	nq	98
68) Hexachlorobenzene	16.68	284	335634	45.266	nq	95
69) Atrazine	16.83	200	321963	53.117	nq	99
70) Pentachlorophenol	17.02	266	394556	95.709	nq	98
71) Phenanthrene	17.41	178	1630272	46.611	nq	97
72) Anthracene	17.50	178	1664576	46.896	nq	98
73) Carbazole	17.76	167	1642797	46.174	nq	99
74) Di-n-butylphthalate	18.34	149	1953722	45.443	nq	99
75) Fluoranthene	19.42	202	1929651	47.725	nq	97
77) Benzidine	19.59	184	421480	25.072	nq	99
78) Pyrene	19.78	202	1928446	48.052	nq	98
80) Butylbenzylphthalate	20.67	149	921904	48.610	nq	95
81) Benzo(a)anthracene	21.61	228	1770247	45.791	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	355764	24.904	nq	98
83) Chrysene	21.67	228	1701732	46.206	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1294853	47.035	nq	99
85) Di-n-octyl phthalate	22.73	149	2198595	46.021	nq	100
87) Indeno(1,2,3-cd)pyrene	28.36	276	2208536	50.325	nq	99
88) Benzo(b)fluoranthene	23.79	252	1867159	49.031	nq	97
89) Benzo(k)fluoranthene	23.86	252	1829675	50.813	nq	99
90) Benzo(a)pyrene	24.63	252	1752450	48.939	nq	99
91) Dibenzo(a,h)anthracene	28.43	278	1773411	50.102	nq	99
92) Benzo(g,h,i)perylene	29.47	276	1776863	49.883	nq	97

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



#1

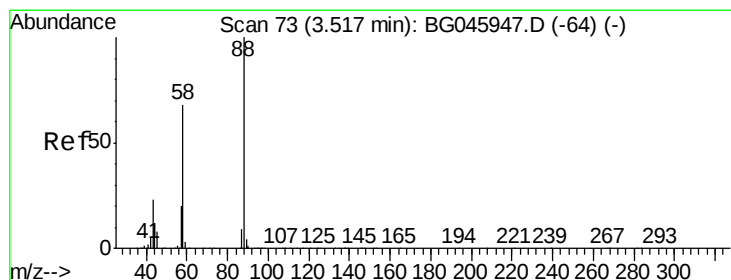
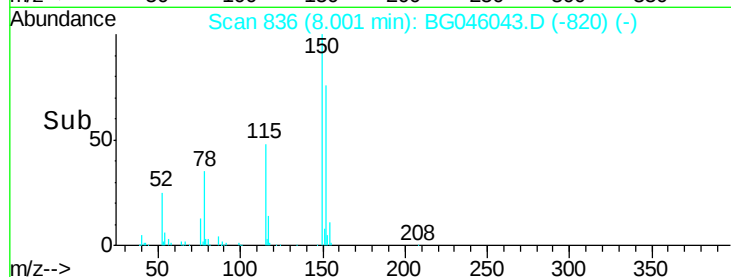
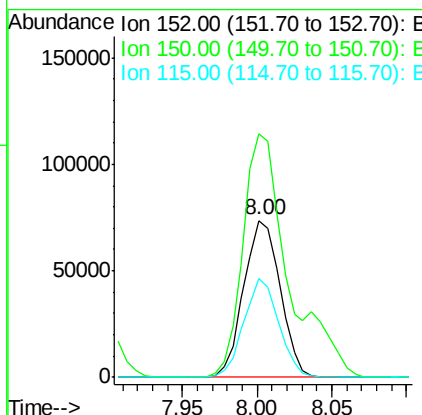
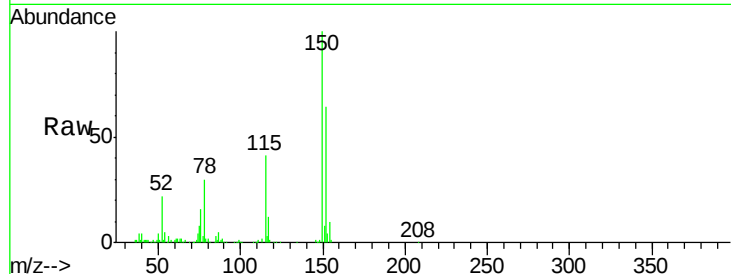
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	116.7	175.1
115	63.5	47.4	71.0

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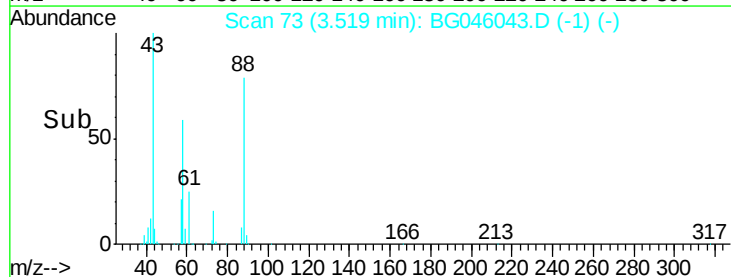
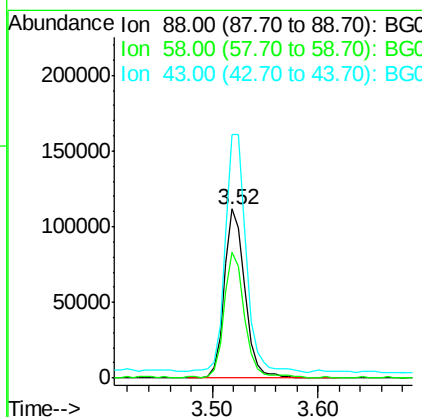
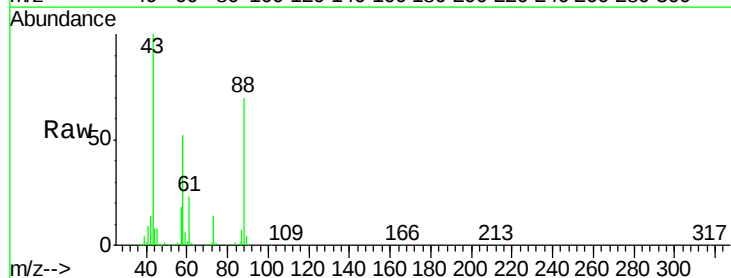
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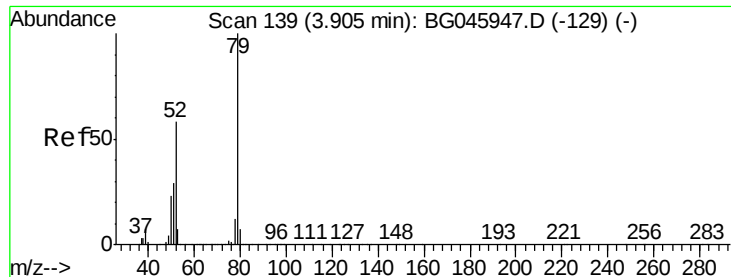


#2

1,4-Dioxane
Concen: 42.743 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	55.2	82.8
43	142.1	19.4	29.0





#3

Pvridine

Concen: 38.776 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.02 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

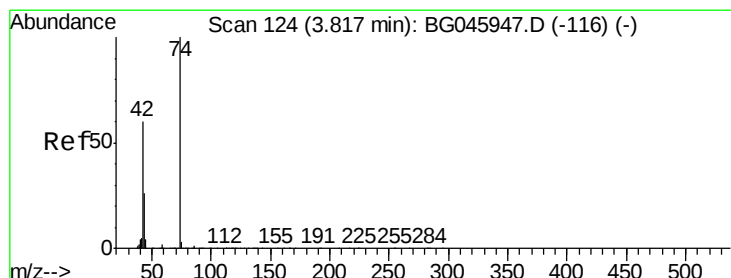
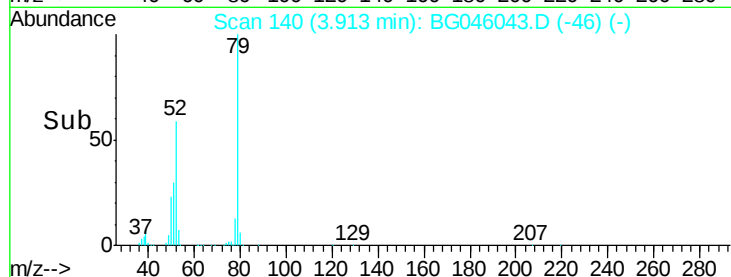
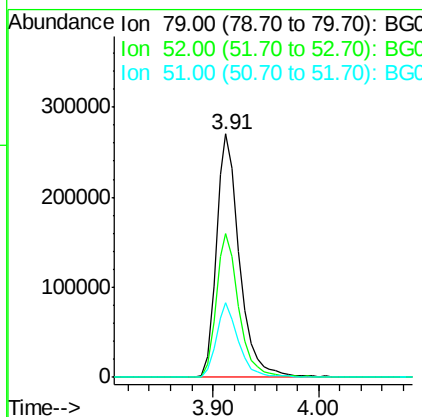
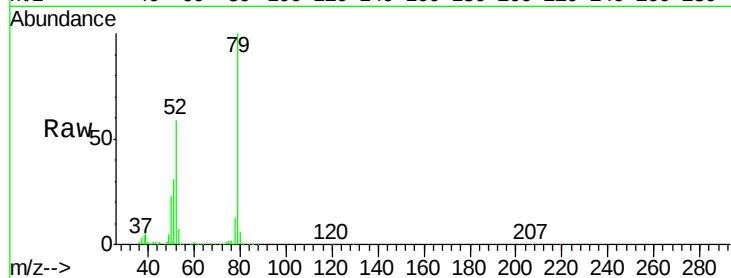
ClientSampleId :

CL-02-070920MS

Tot Ion:	79	Resp:	414263
Ion Ratio	Lower	Upper	
79	100		
52	59.1	46.5	69.7
51	30.7	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 51.614 ng

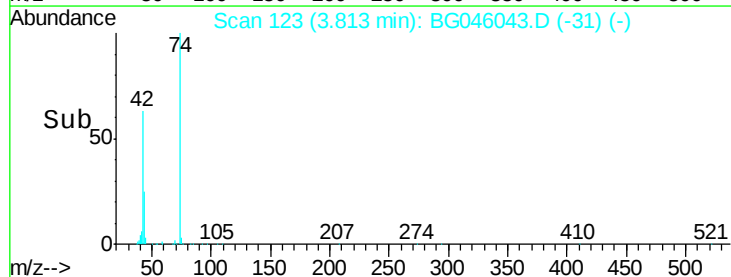
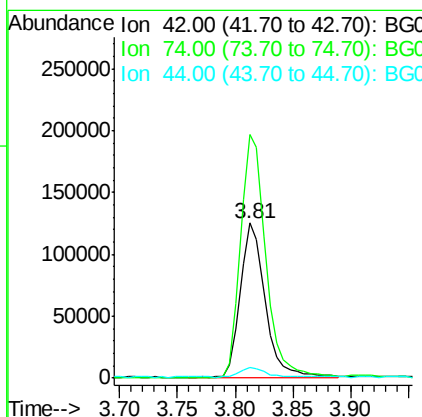
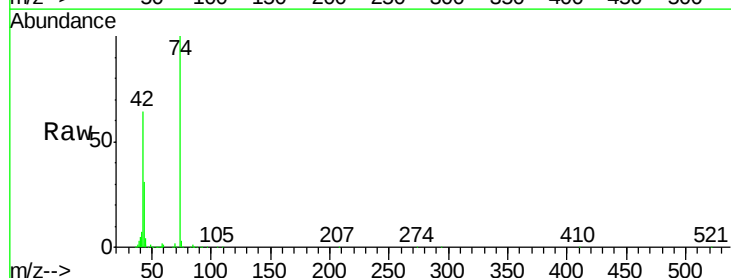
RT: 3.81 min Scan# 123

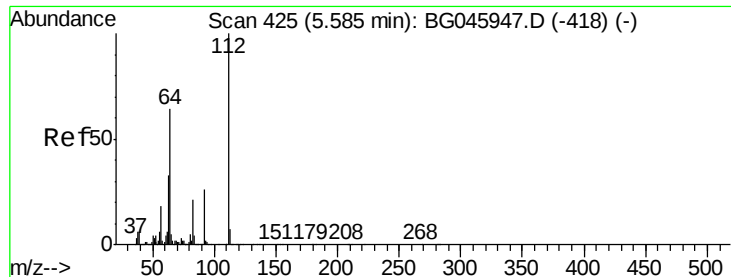
Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	42	Resp:	186456
Ion Ratio	Lower	Upper	
42	100		
74	156.8	131.9	197.9
44	6.9	7.7	11.5#





#5

2-Fluorophenol

Concen: 118.234 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

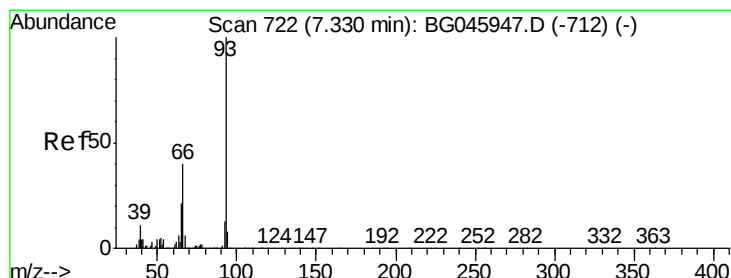
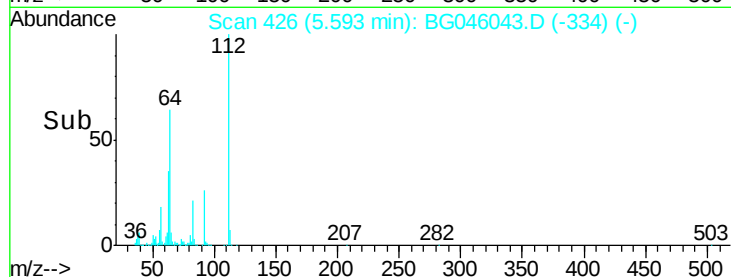
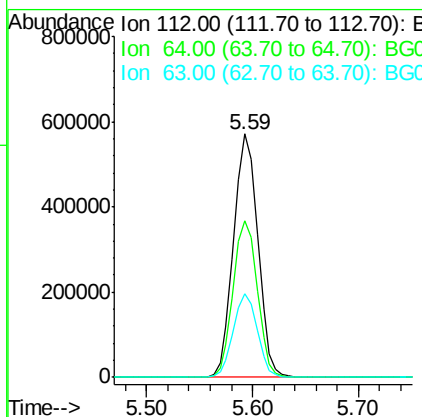
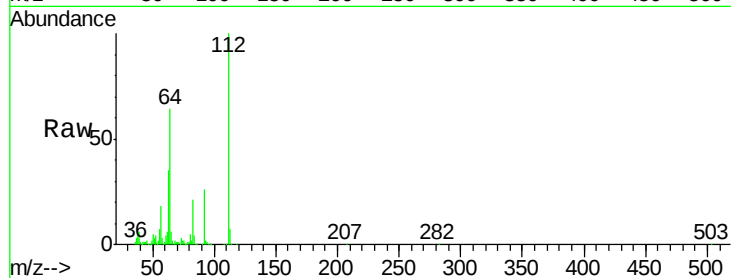
ClientSampleId :

CL-02-070920MS

Tot Ion:	112	Resp:	905470
Ion Ratio	Lower	Upper	
112	100		
64	64.1	51.4	77.2
63	34.6	26.6	40.0

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#6

Aniline

Concen: 24.320 ng

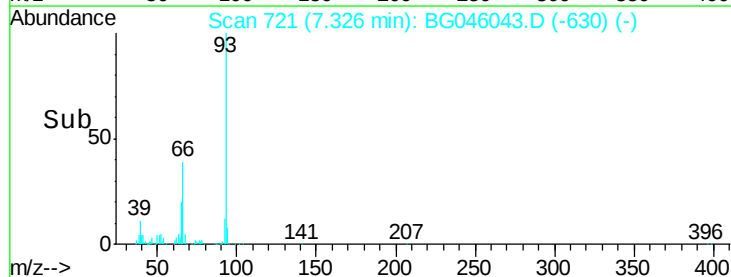
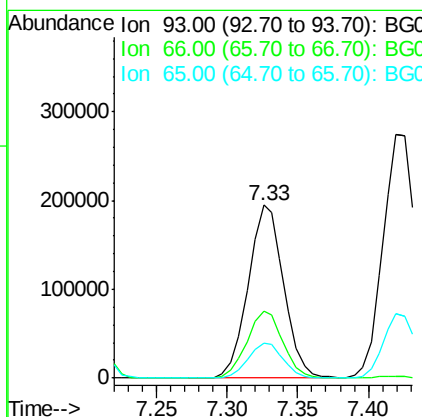
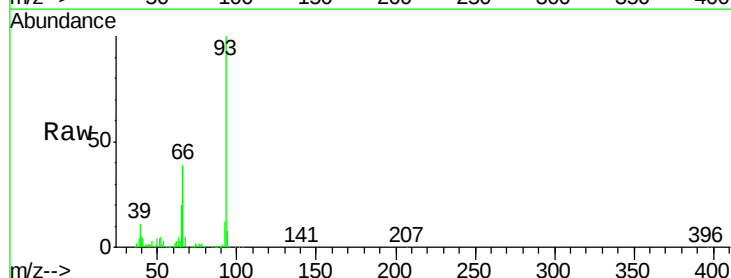
RT: 7.33 min Scan# 721

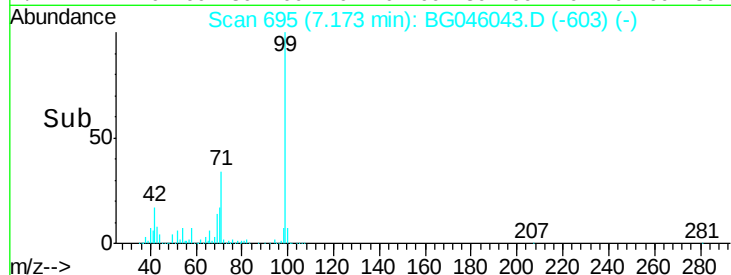
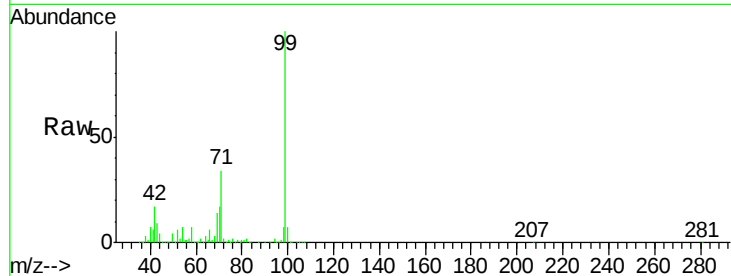
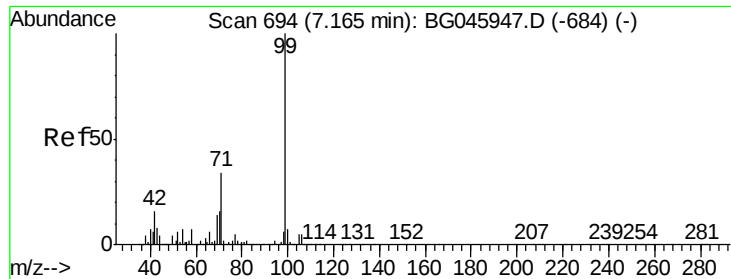
Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	93	Resp:	343024
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.3	48.5
65	20.3	16.6	25.0





#7

Phenol-d6

Concen: 102.501 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tot Ion:	99	Resp:	1130149
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.0	19.4
71	33.8	27.5	41.3

Instrument :

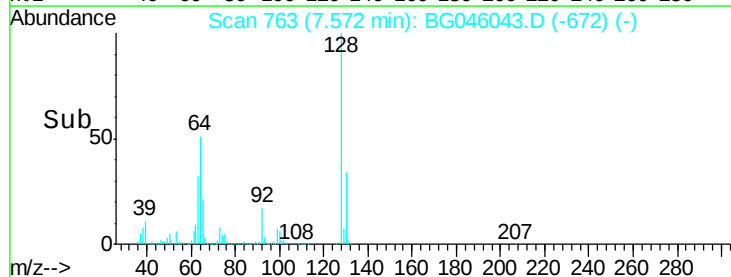
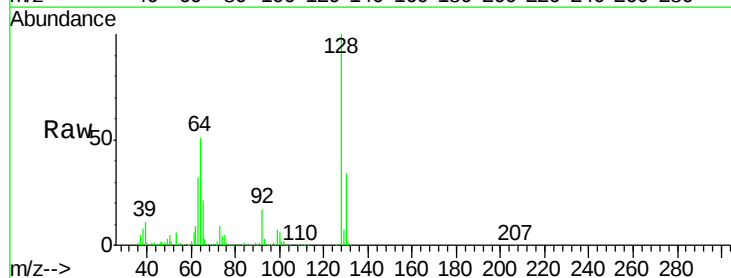
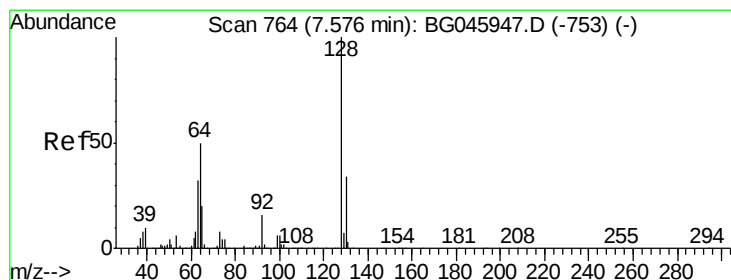
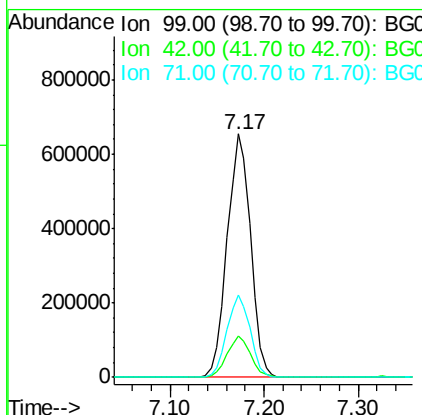
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#8

2-Chlorophenol

Concen: 51.141 ng

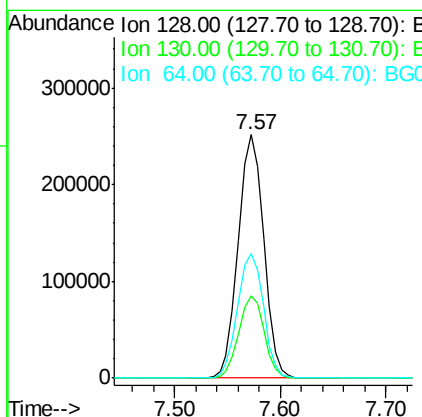
RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	128	Resp:	421604
Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.6	53.6
64	51.3	30.6	70.6





#9

Benzaldehyde

Concen: 19.595 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

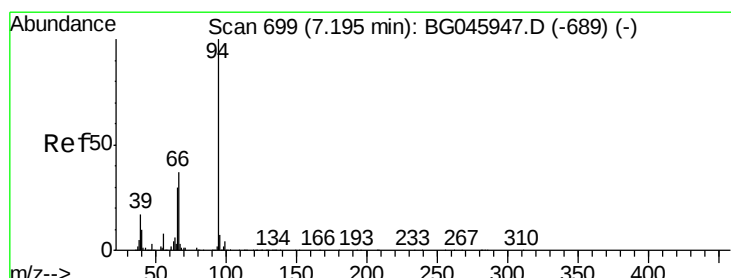
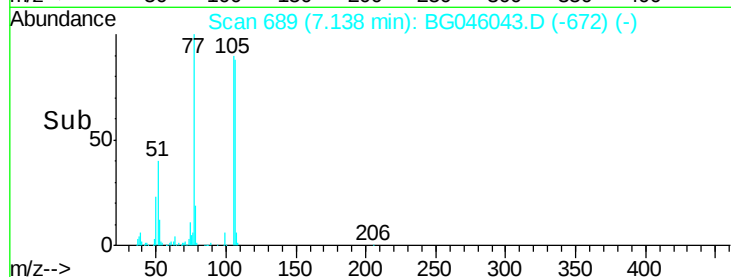
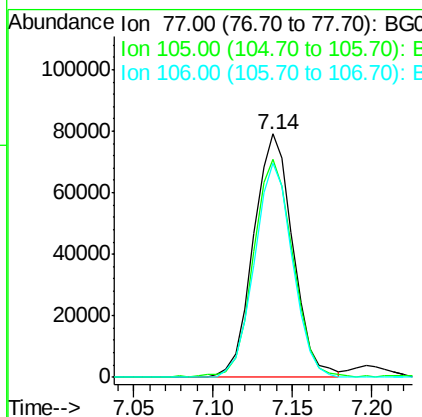
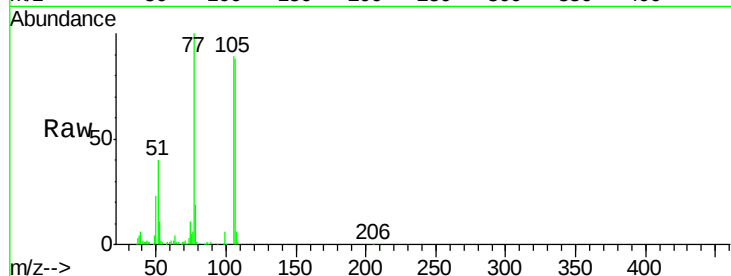
ClientSampleId :

CL-02-070920MS

Tot Ion:	77	Resp:	136885
Ion Ratio	Lower	Upper	
77	100		
105	89.5	66.0	106.0
106	88.2	67.7	107.7

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#10

Phenol

Concen: 44.215 ng

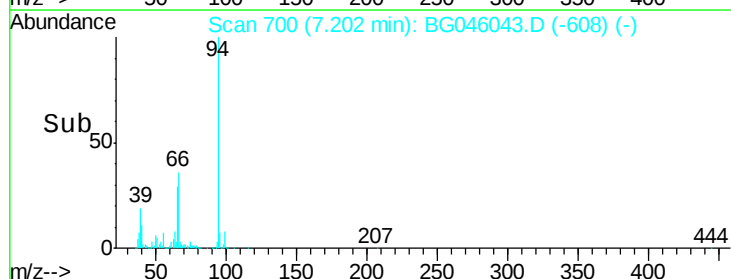
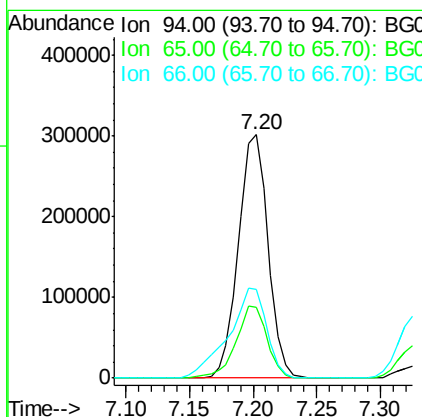
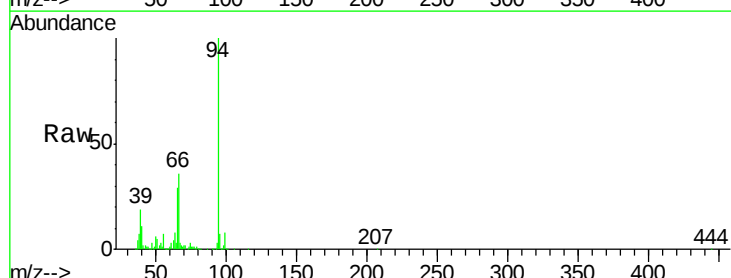
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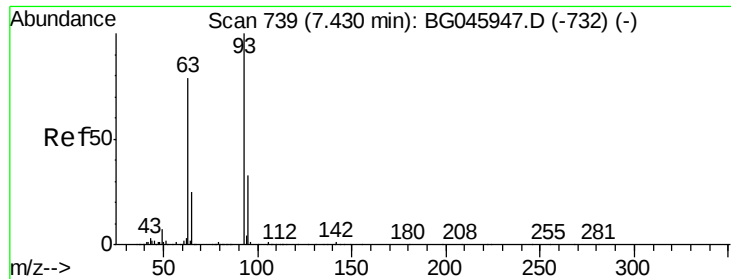
Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	94	Resp:	489022
Ion Ratio	Lower	Upper	
94	100		
65	29.3	10.6	50.6
66	36.4	17.1	57.1





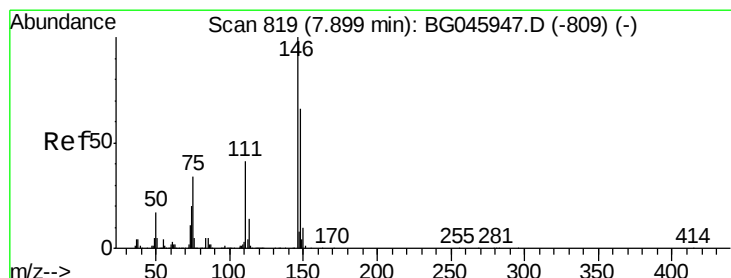
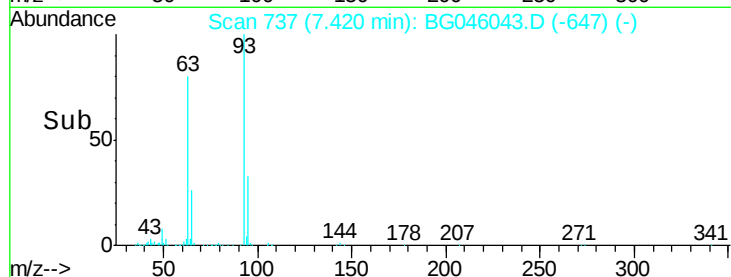
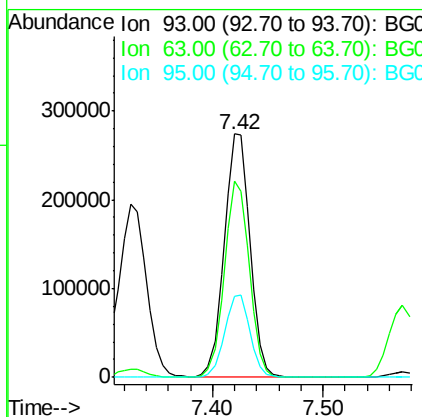
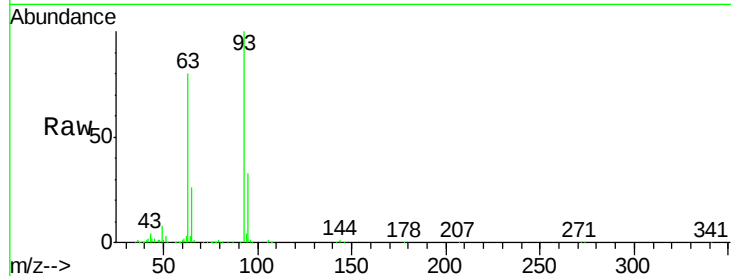
#11
bis(2-Chloroethyl)ether
Concen: 49.015 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	448286		
63	80.4		58.6	98.6
95	33.2		13.3	53.3

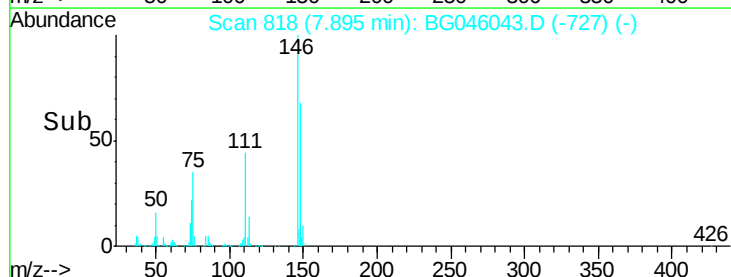
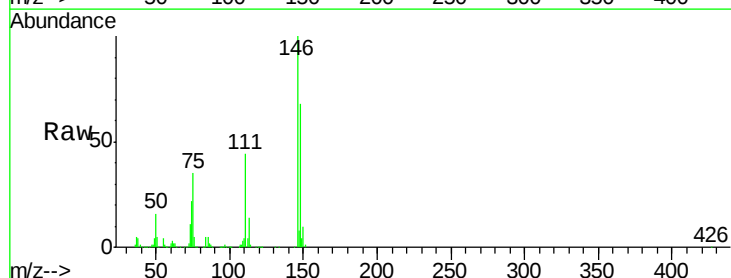
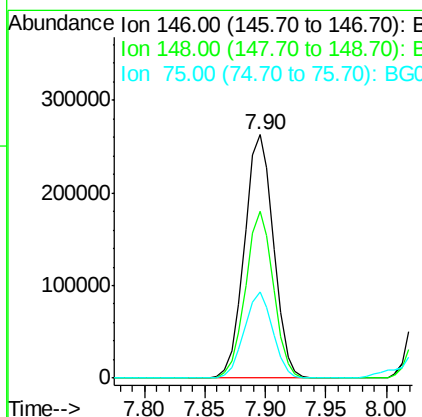
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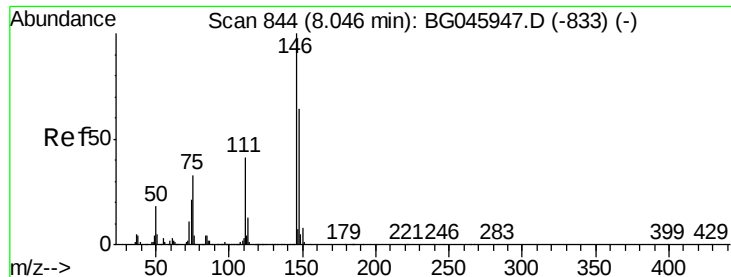
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.517 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	442022		
148	68.4		52.8	79.2
75	35.2		27.2	40.8





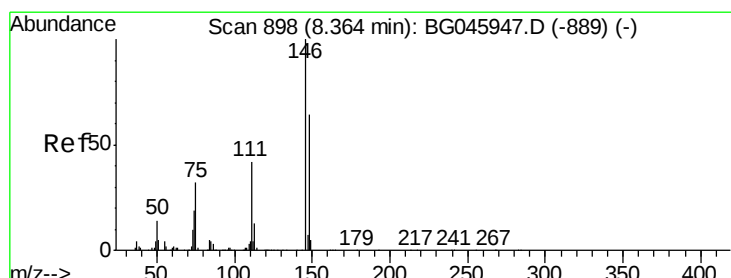
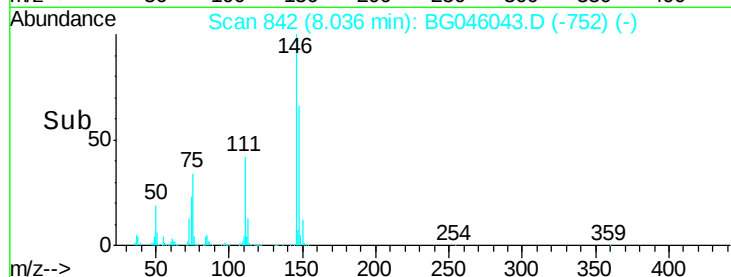
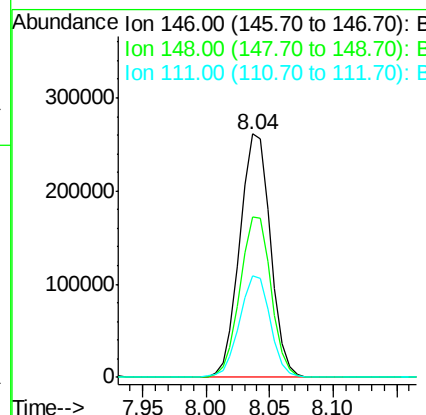
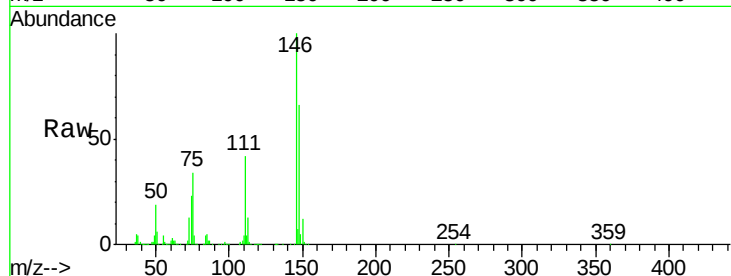
#13
1,4-Dichlorobenzene
Concen: 46.801 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.7	77.5
111	41.8	33.3	49.9

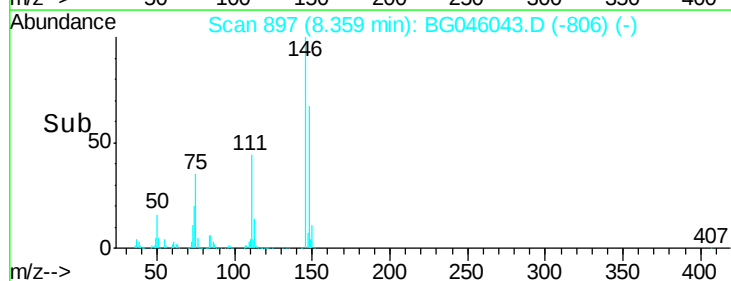
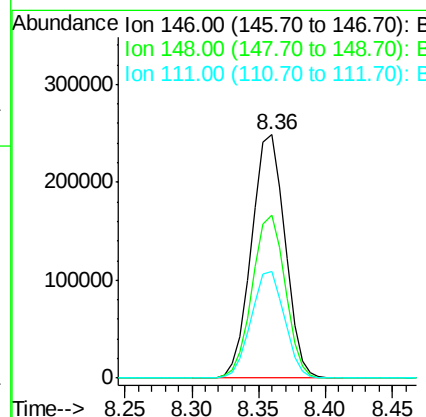
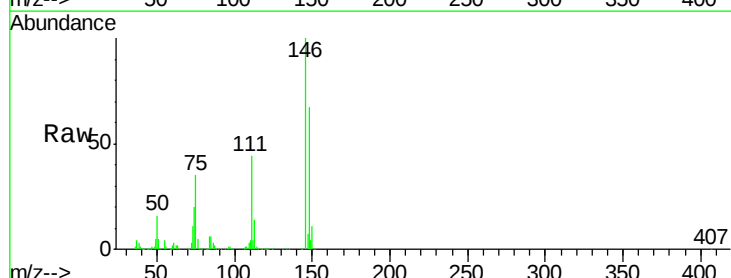
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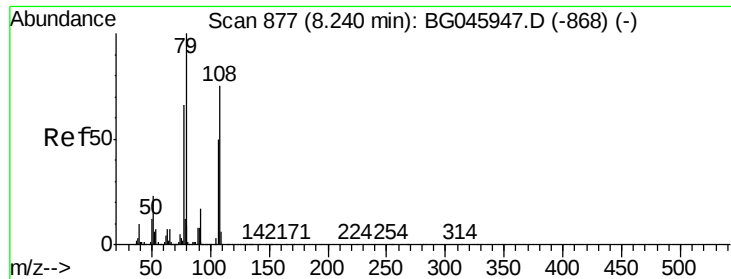
mohammad
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#14
1,2-Dichlorobenzene
Concen: 47.850 ng
RT: 8.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.6	77.4
111	44.0	34.0	51.0





#15

Benzyl Alcohol

Concen: 49.076 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

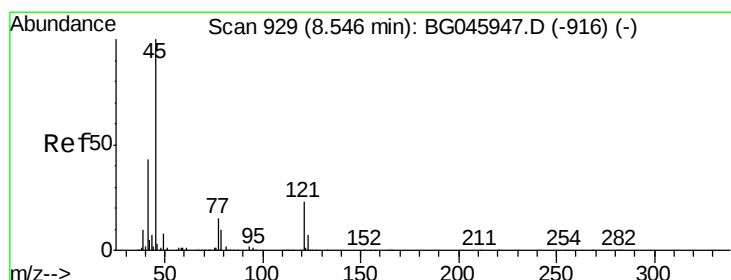
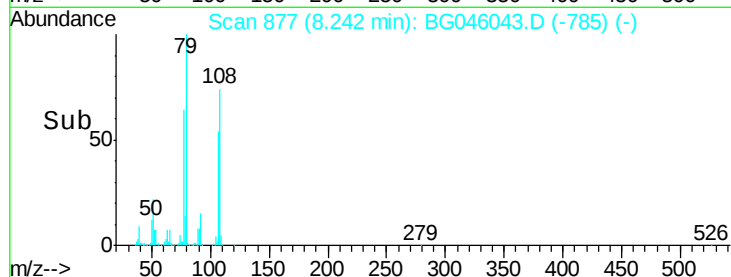
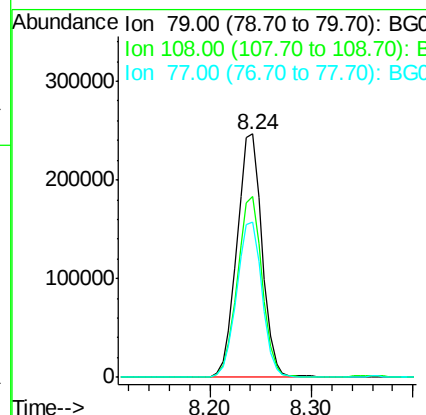
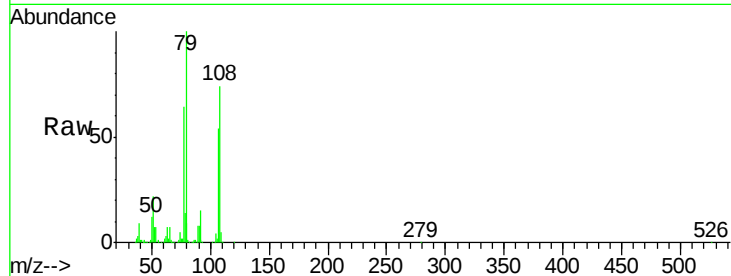
ClientSampleId :

CL-02-070920MS

Tot Ion:	79	Resp:	424271
Ion Ratio	Lower	Upper	
79	100		
108	74.5	60.2	90.4
77	64.0	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.221 ng

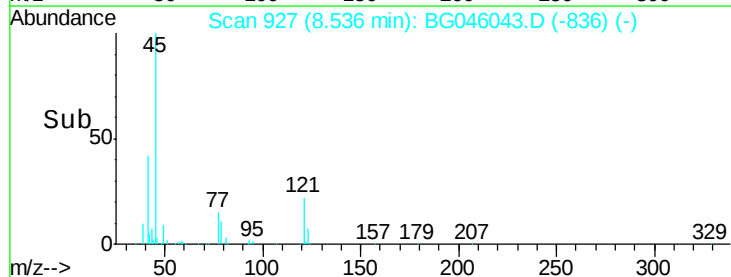
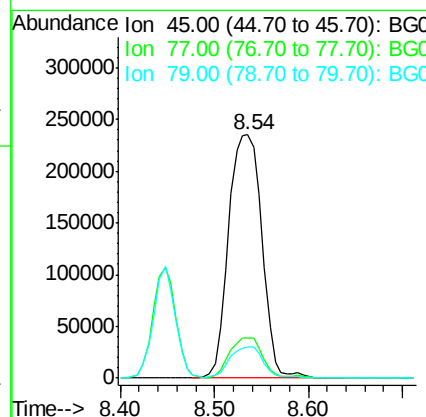
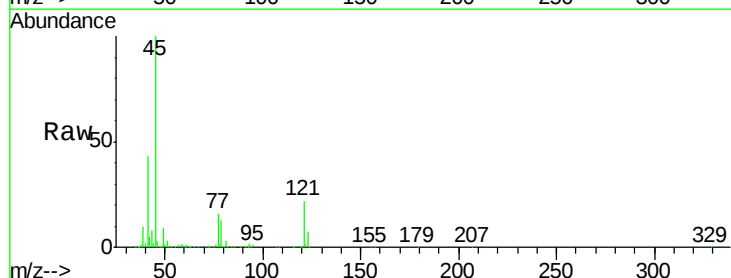
RT: 8.54 min Scan# 927

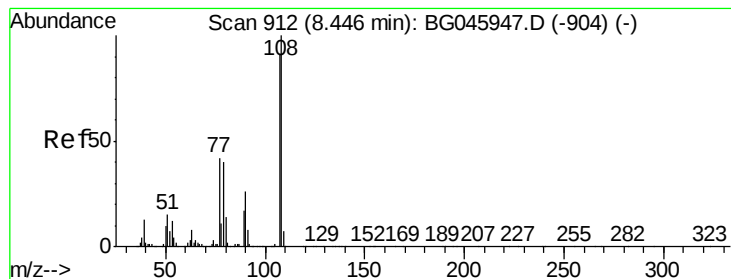
Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	45	Resp:	575413
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	37.6
79	12.6	0.0	32.6





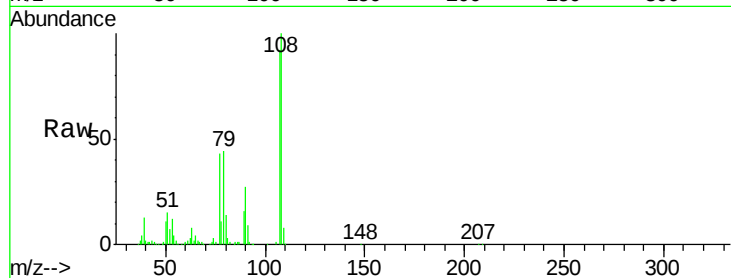
#17
2-Methylphenol
Concen: 45.623 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

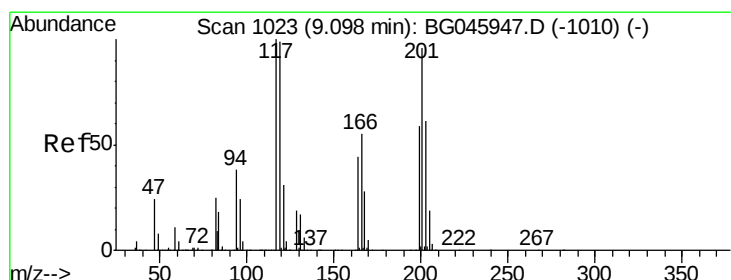
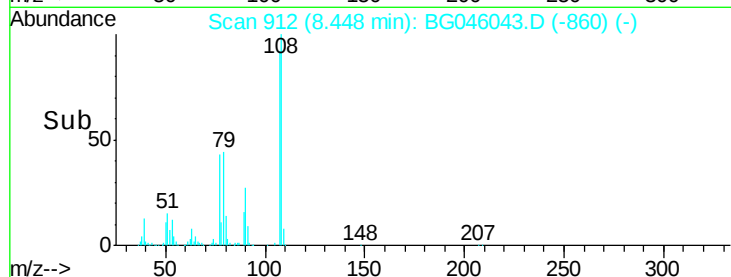
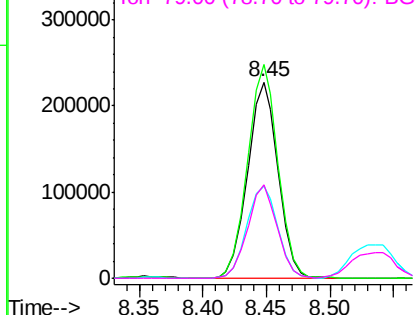
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.9	88.2	132.4	
77	47.0	37.0	55.4	
79	47.5	35.4	53.0	

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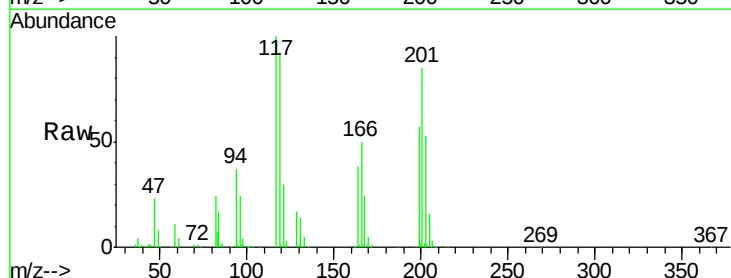


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

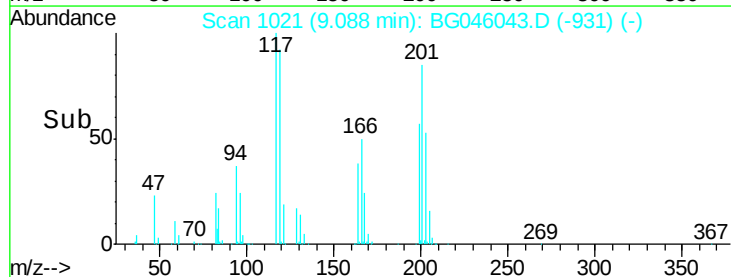
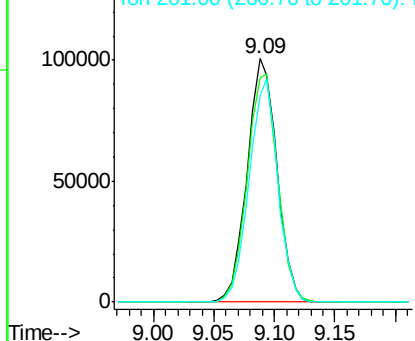


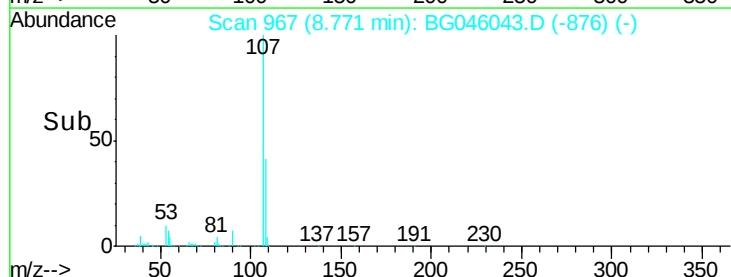
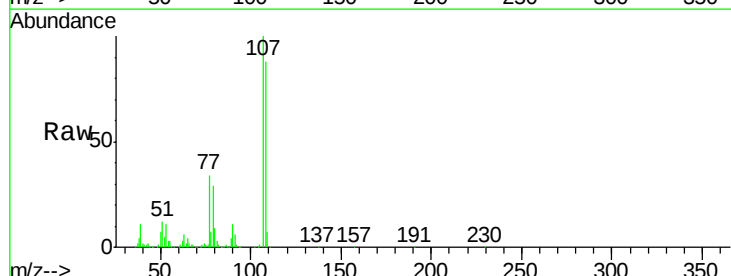
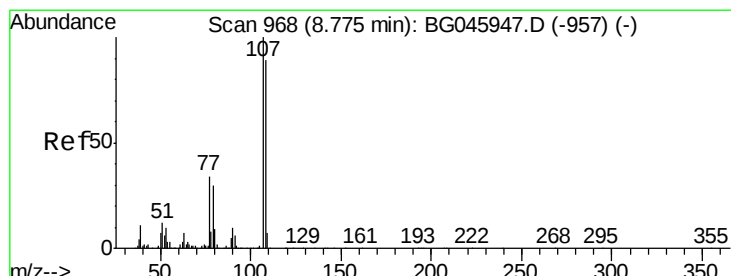
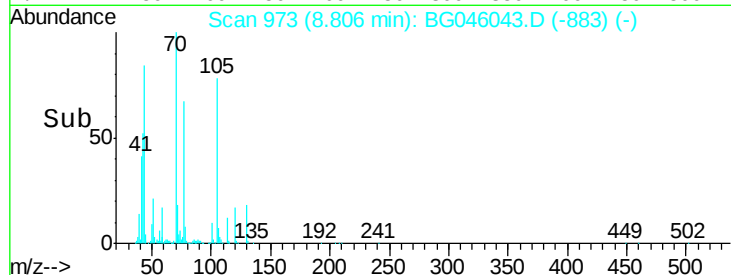
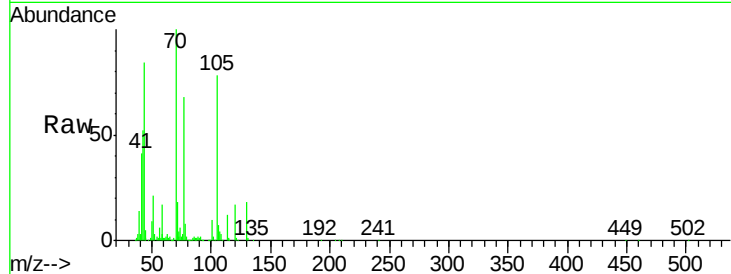
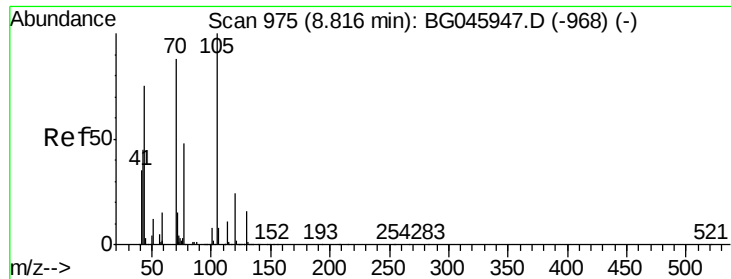
#18
Hexachloroethane
Concen: 48.064 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.1	79.5	119.3	
201	84.8	77.0	115.4	



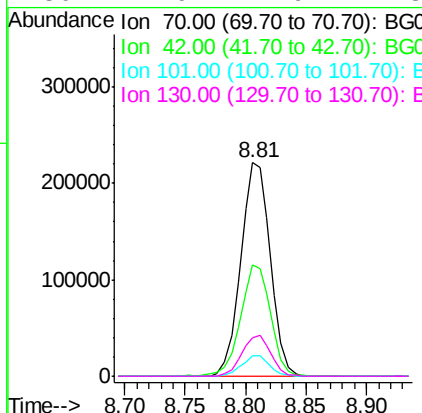
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 48.489 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.2	41.4	62.0	
101	9.8	7.1	10.7	
130	17.9	14.9	22.3	



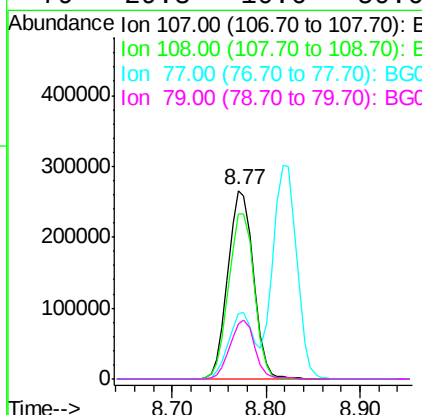
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

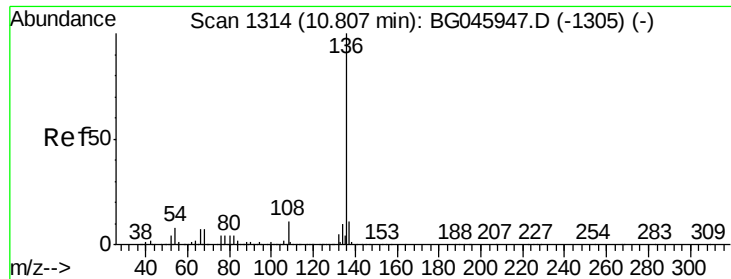
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#20
3+4-Methylphenols
Concen: 44.662 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	68.7	108.7	
77	34.4	14.6	54.6	
79	29.3	10.6	50.6	





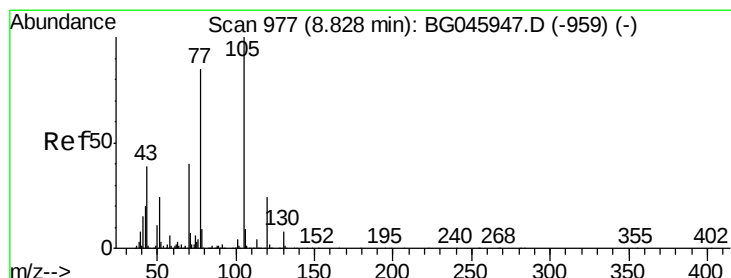
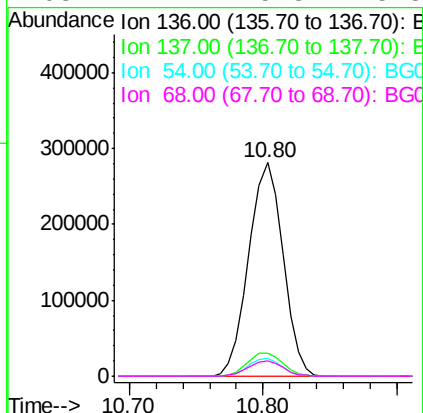
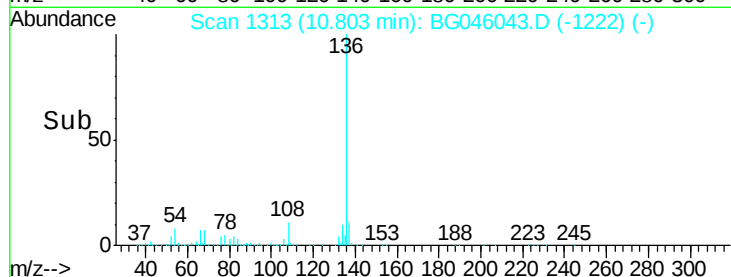
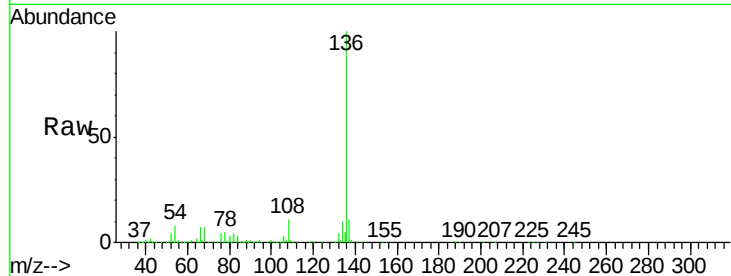
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	501229		
137	10.7		9.2	13.8
54	8.3		6.2	9.4
68	7.2		5.8	8.8

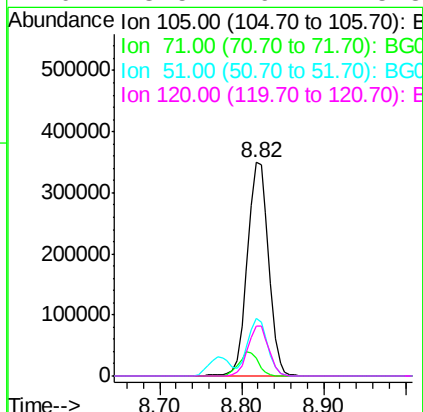
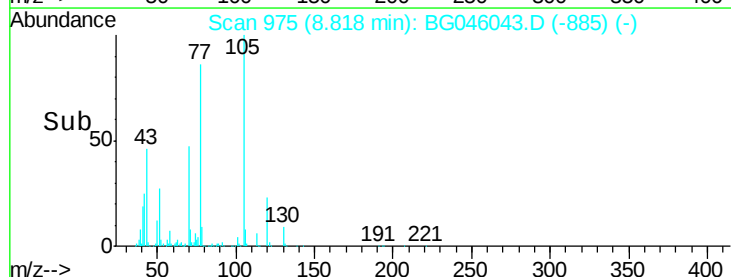
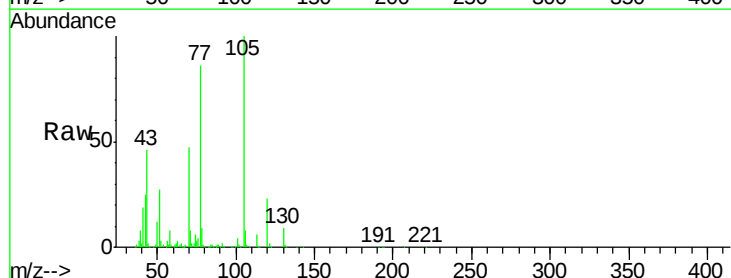
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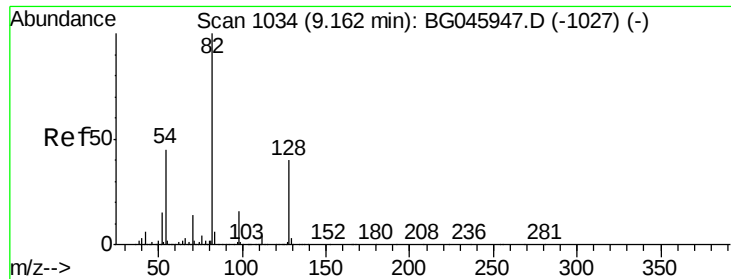
mohammad
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#22
Acetophenone
Concen: 47.076 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	630365		
71	8.4		6.2	9.2
51	26.9		19.7	29.5
120	23.5		19.2	28.8





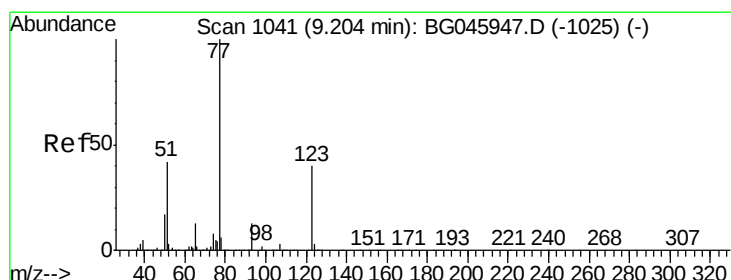
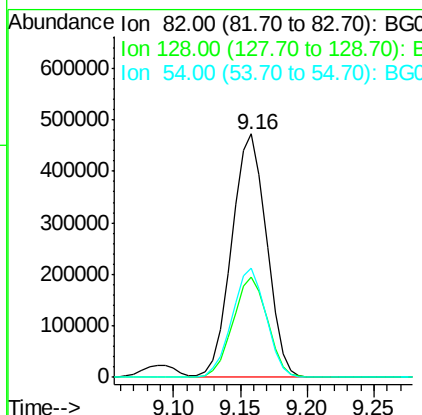
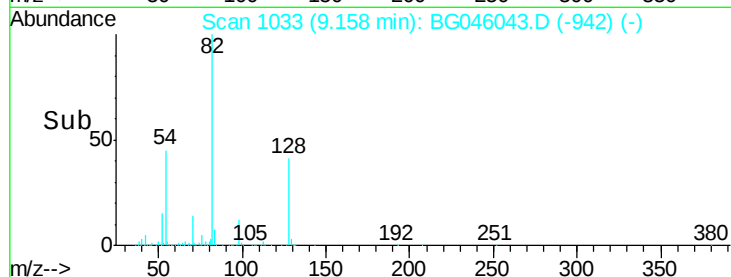
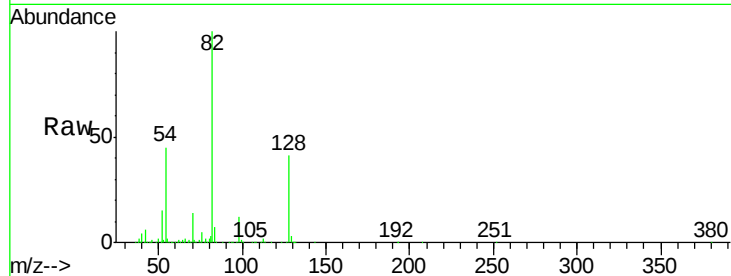
#23
 Nitrobenzene-d5
 Concen: 98.130 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion	82	Resp	854539
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.4
54	45.1	35.8	53.6

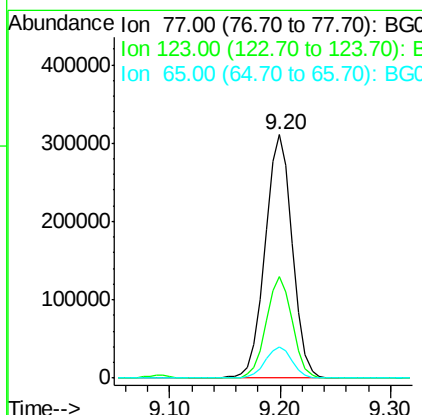
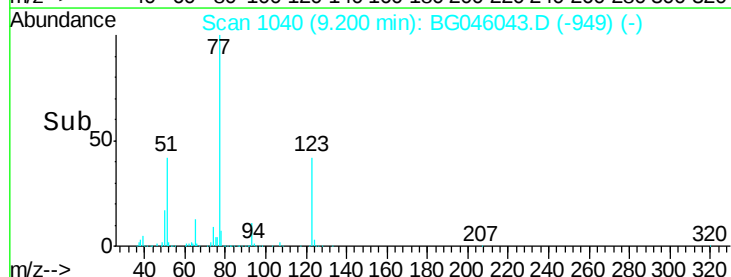
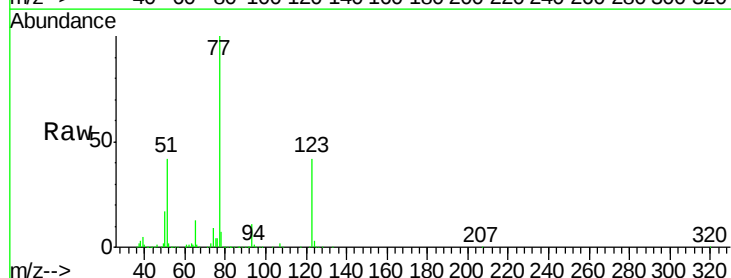
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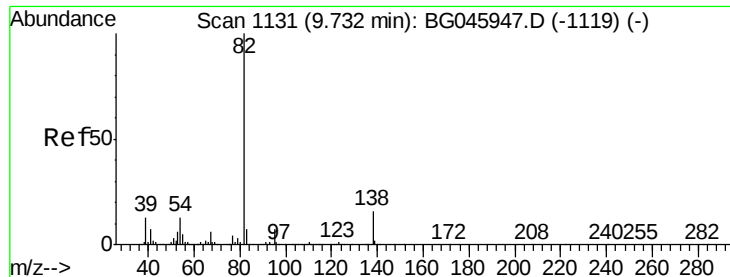
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#24
 Nitrobenzene
 Concen: 55.460 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	77	Resp	533058
Ion	Ratio	Lower	Upper
77	100		
123	41.9	32.7	49.1
65	12.8	10.2	15.4





#25

Isophorone

Concen: 46.485 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

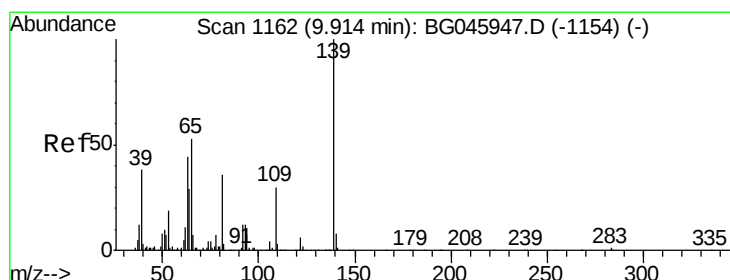
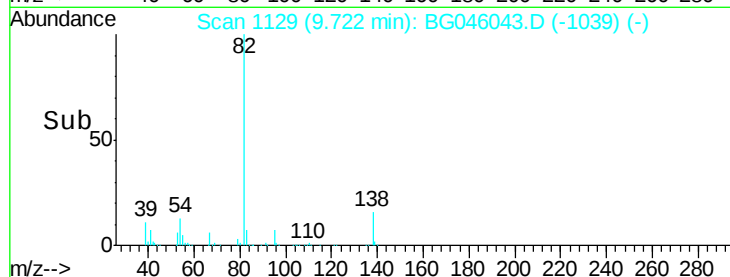
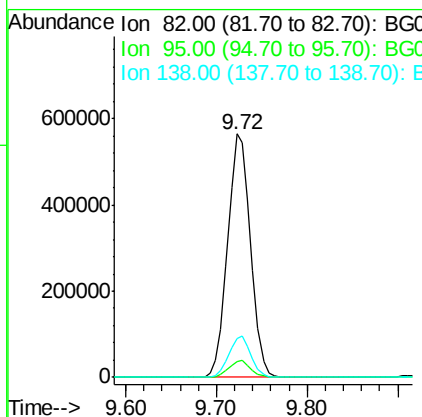
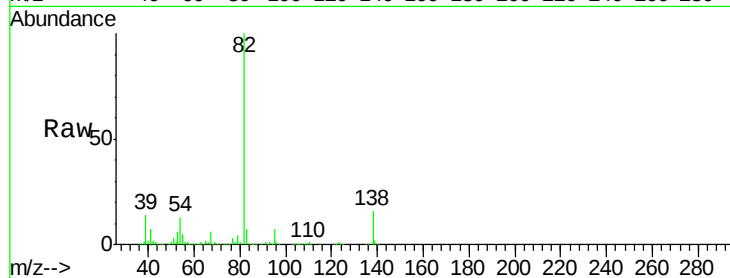
ClientSampleId :

CL-02-070920MS

Tot Ion:	82	Resp:	988211
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.8	8.6
138	15.8	12.9	19.3

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#26

2-Nitrophenol

Concen: 66.718 ng

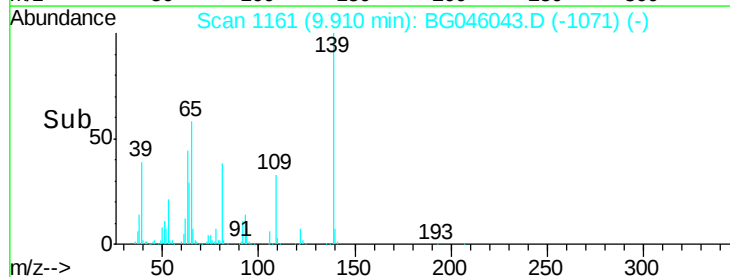
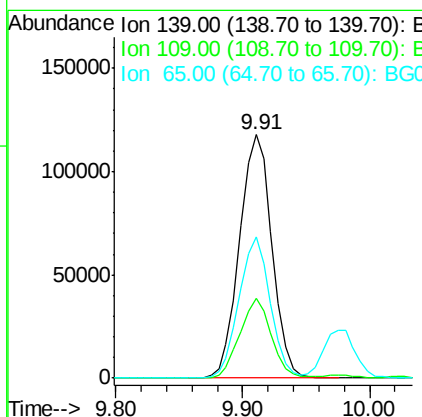
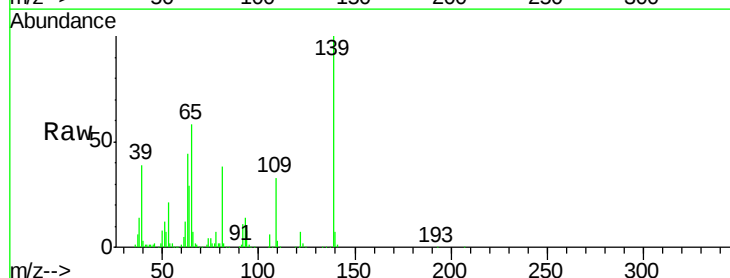
RT: 9.91 min Scan# 1161

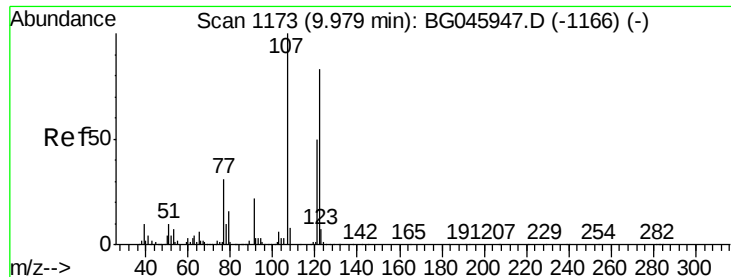
Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	139	Resp:	209018
Ion Ratio		Lower	Upper
139	100		
109	33.0	24.6	37.0
65	58.1	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 50.053 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

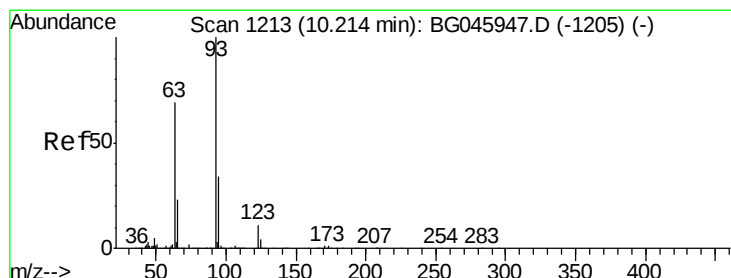
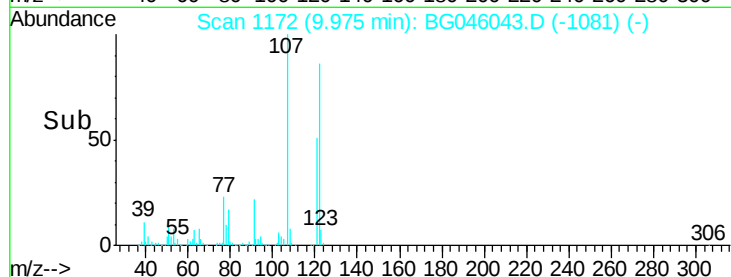
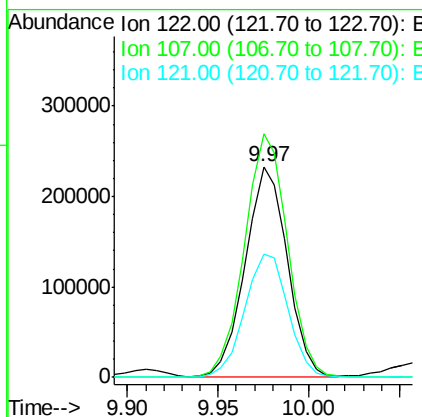
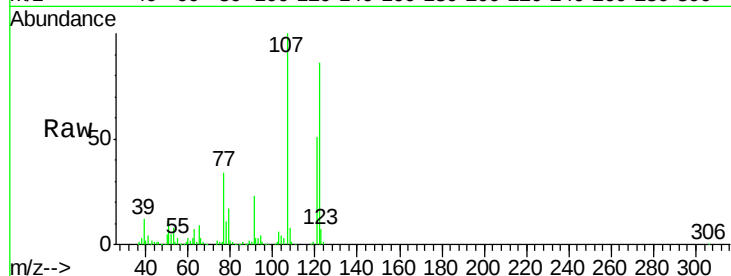
ClientSampleId :

CL-02-070920MS

Tot Ion:	122	Resp:	378746
Ion Ratio	Lower	Upper	
122	100		
107	115.6	95.6	143.4
121	58.7	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 49.100 ng

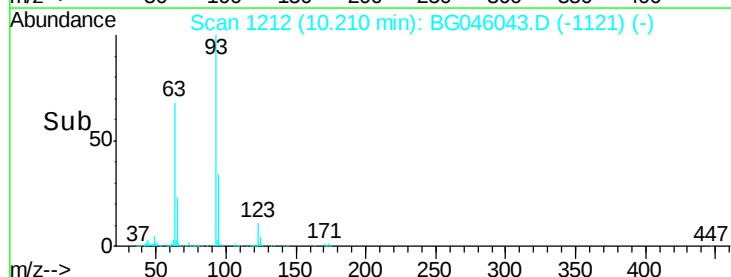
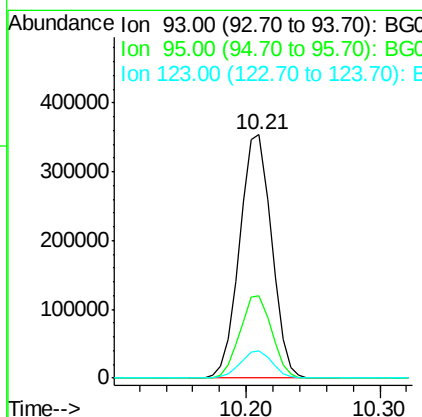
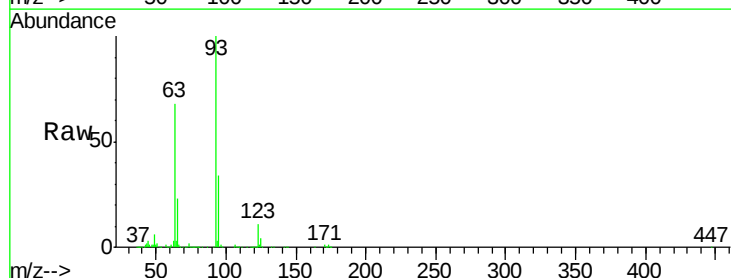
RT: 10.21 min Scan# 1212

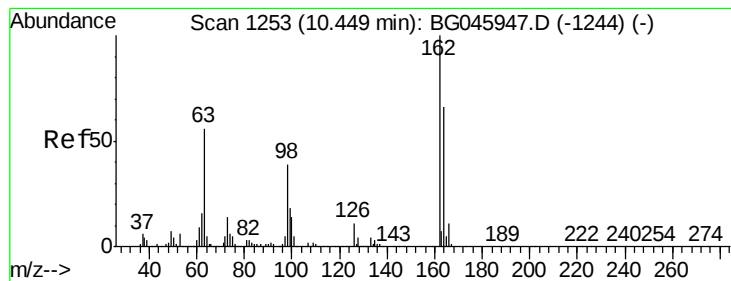
Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	93	Resp:	586142
Ion Ratio	Lower	Upper	
93	100		
95	33.7	27.5	41.3
123	11.1	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 49.096 ng

RT: 10.45 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

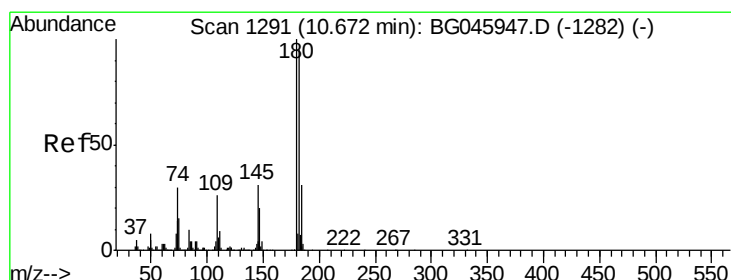
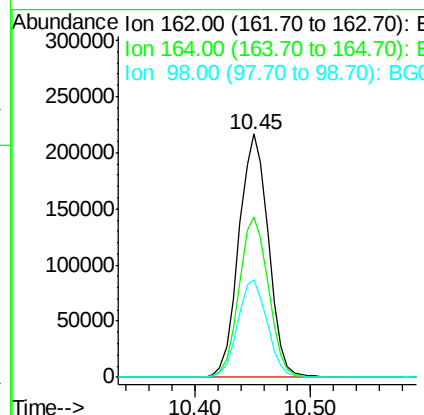
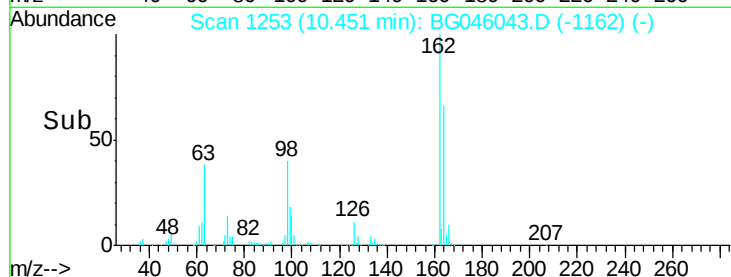
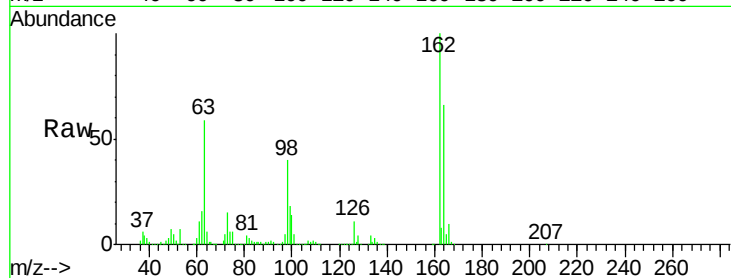
ClientSampleId :

CL-02-070920MS

Tot Ion:	162	Resp:	384580
Ion Ratio		Lower	Upper
162	100		
164	66.1	46.0	86.0
98	40.0	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 45.389 ng

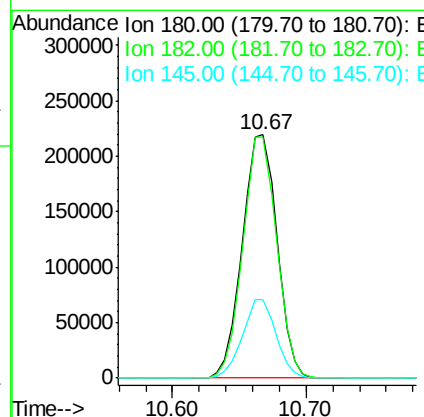
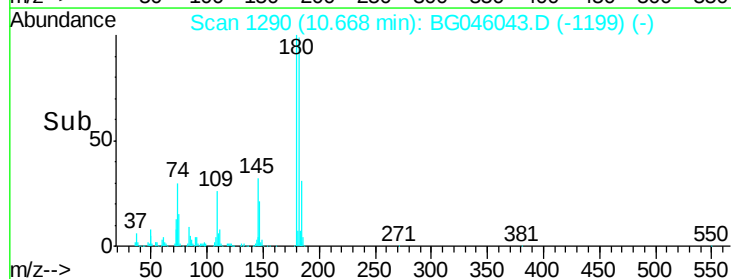
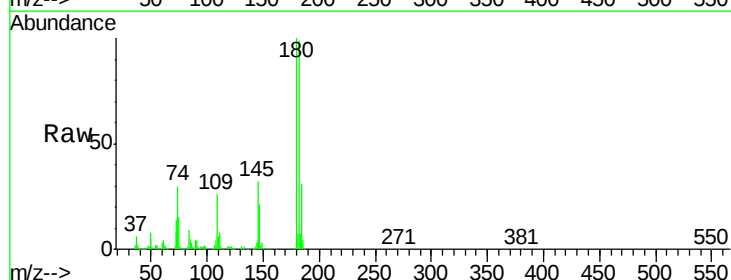
RT: 10.67 min Scan# 1290

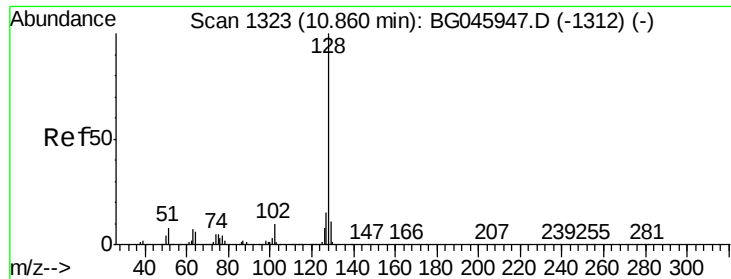
Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	180	Resp:	393944
Ion Ratio		Lower	Upper
180	100		
182	99.0	76.3	114.5
145	32.2	24.8	37.2





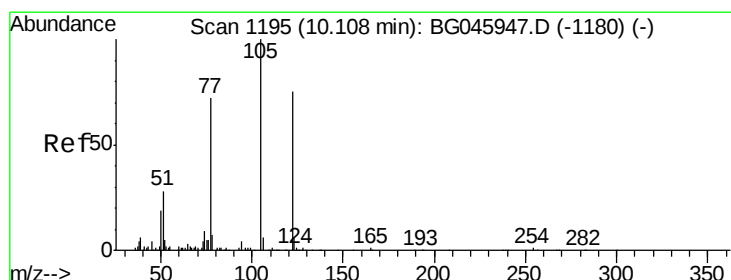
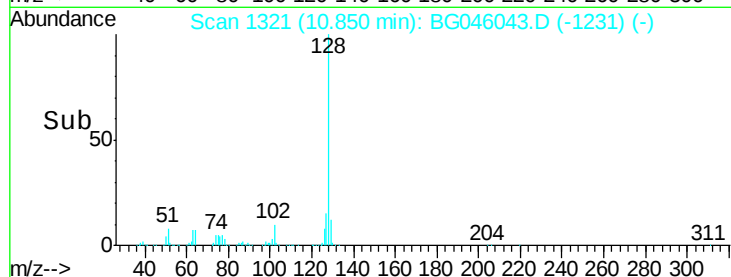
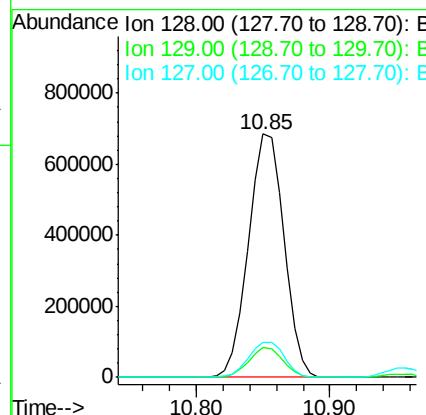
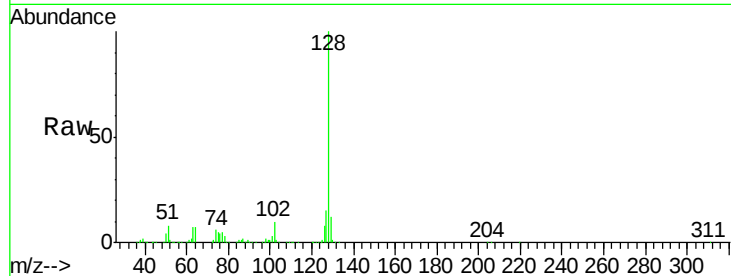
#31
Naphthalene
Concen: 46.908 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	14.6	11.8	17.6

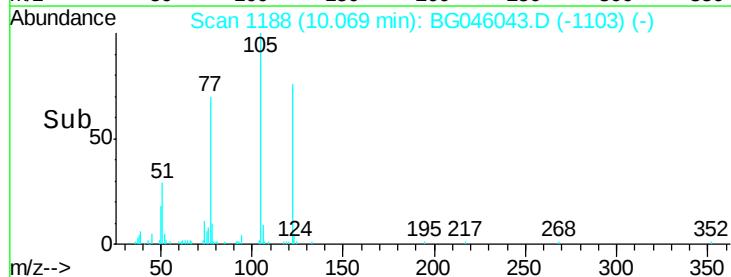
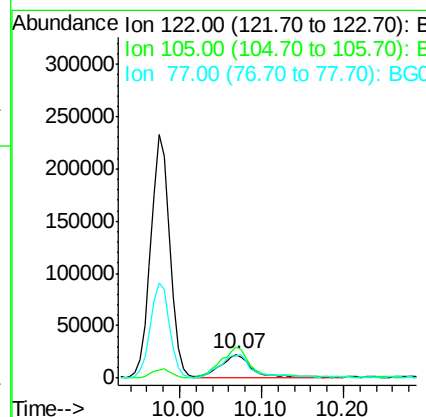
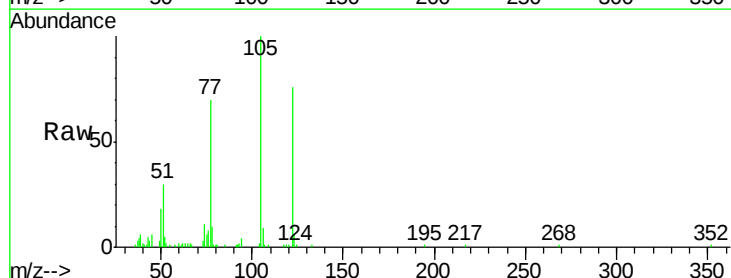
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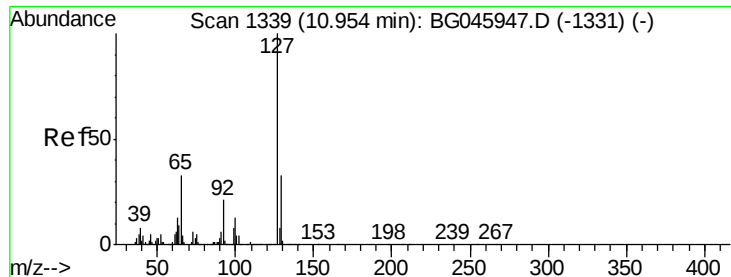
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#32
Benzoic acid
Concen: 18.465 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.8	110.8	150.8
77	91.4	76.4	116.4





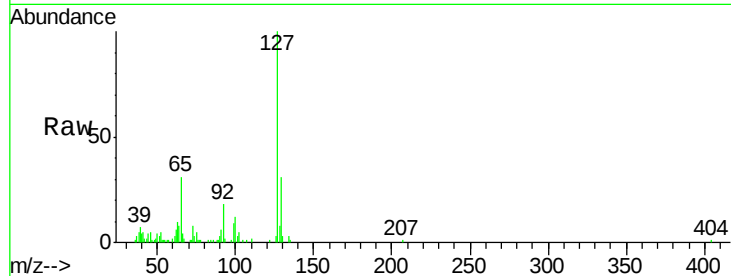
#33
4-Chloroaniline
Concen: 4.479 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

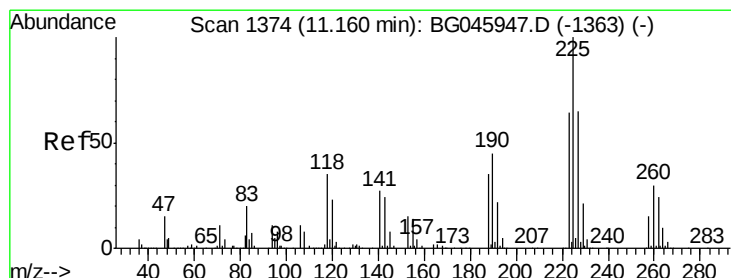
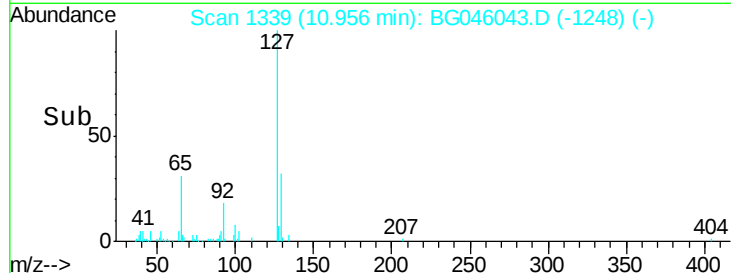
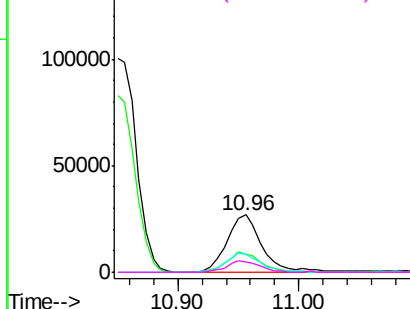
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.6	39.8		
65	31.4	26.8	40.2		
92	17.5	17.0	25.4		

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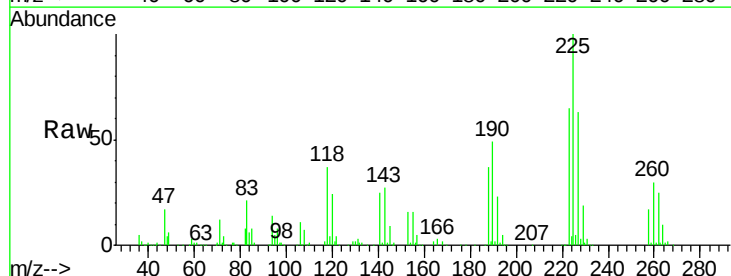


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

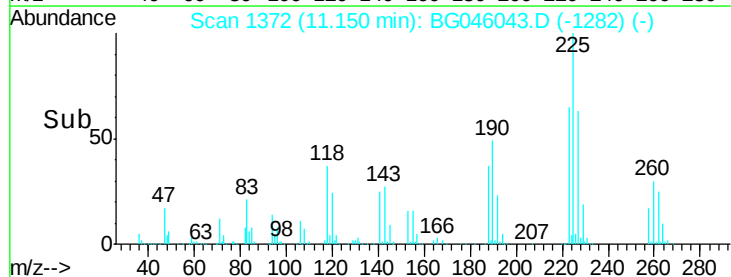
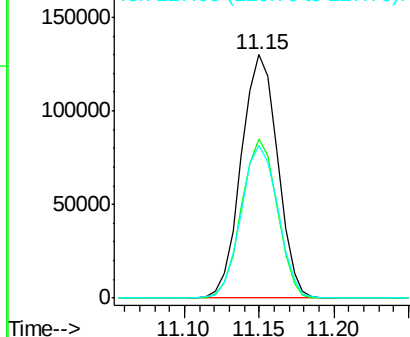


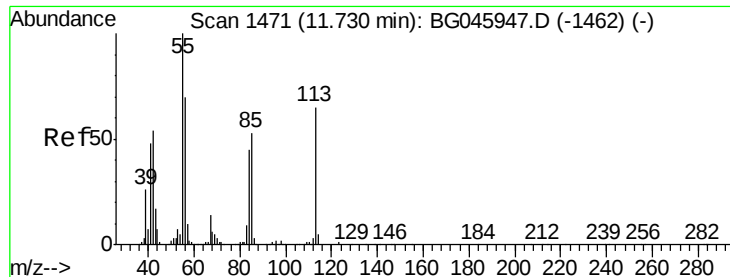
#34
Hexachlorobutadiene
Concen: 43.233 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.4	51.2	76.8		
227	62.9	52.3	78.5		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





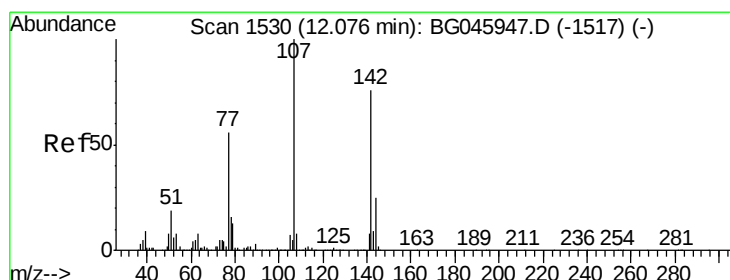
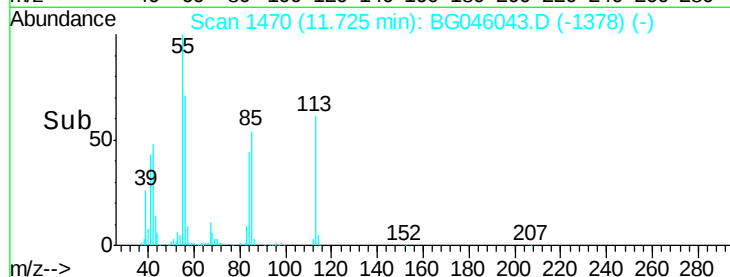
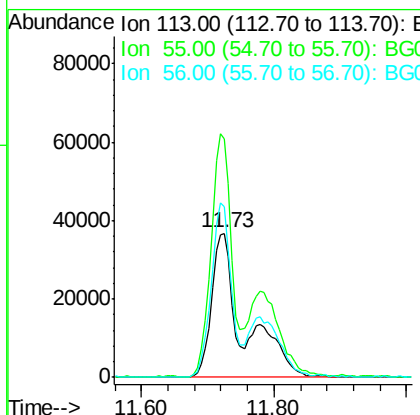
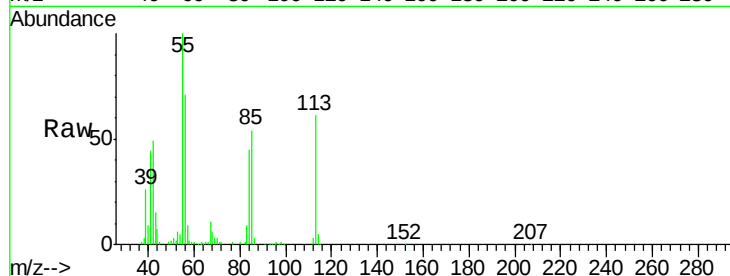
#35
 Caprolactam
 Concen: 41.385 ng/ml
 RT: 11.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.1	141.6	181.6
56	118.0	89.6	129.6

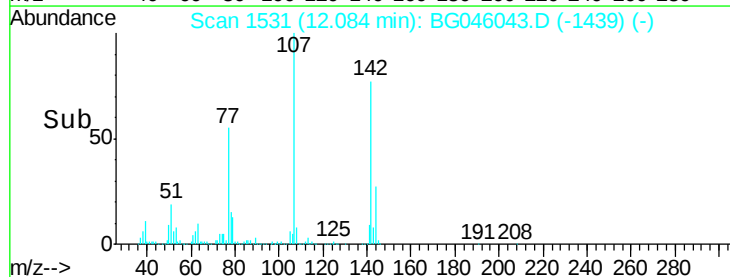
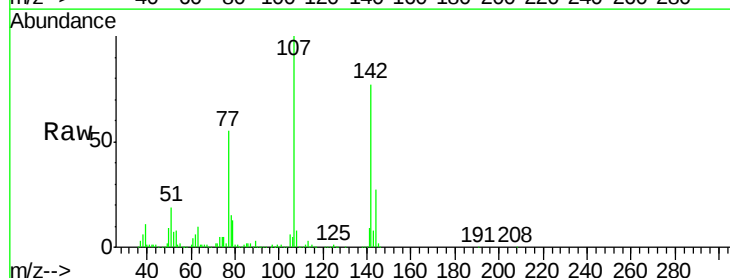
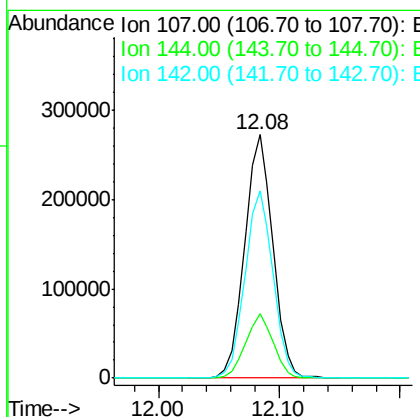
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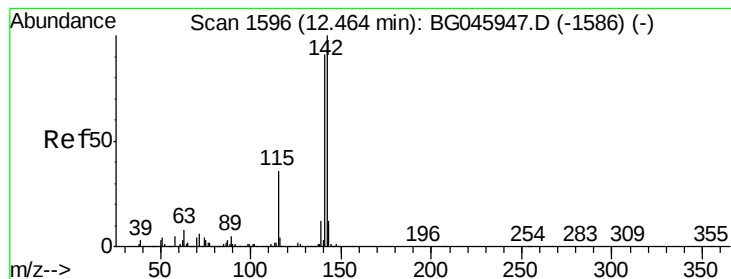
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#36
 4-Chloro-3-methylphenol
 Concen: 49.755 ng/ml
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.0	30.0
142	76.9	61.1	91.7





#37

2-Methylnaphthalene

Concen: 47.590 ng

RT: 12.45 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

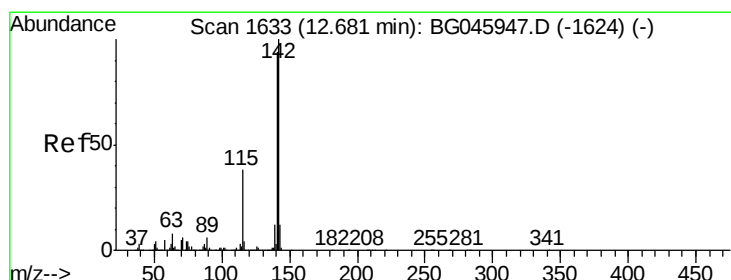
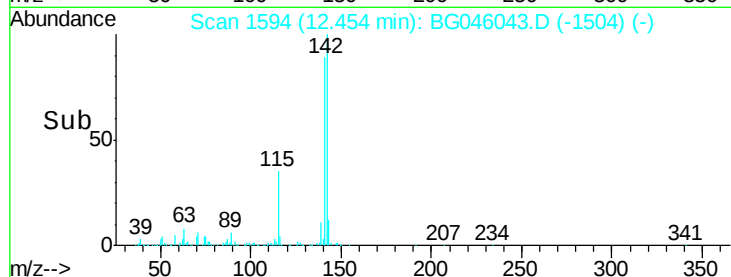
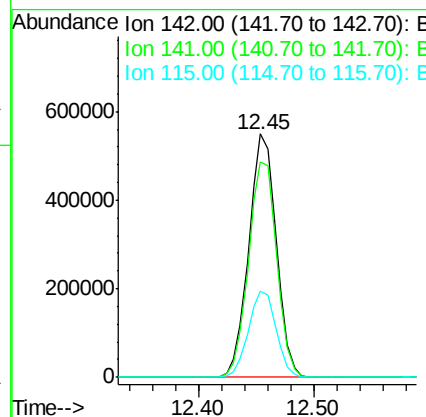
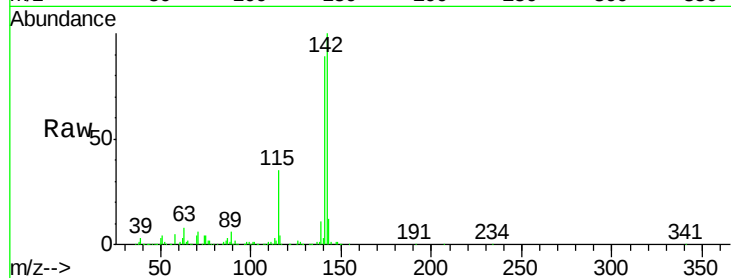
ClientSampleId :

CL-02-070920MS

Tot Ion:	142	Resp:	909013
Ion Ratio	Lower	Upper	
142	100		
141	88.6	73.0	109.6
115	35.2	28.8	43.2

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#38

1-Methylnaphthalene

Concen: 48.210 ng

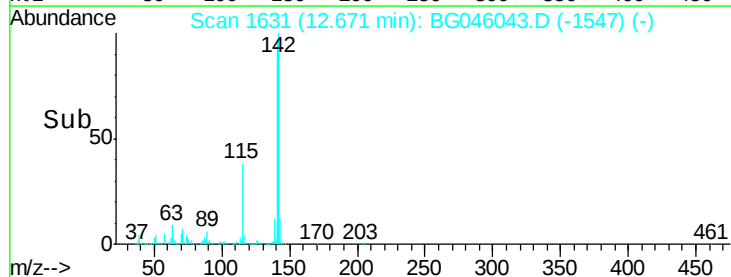
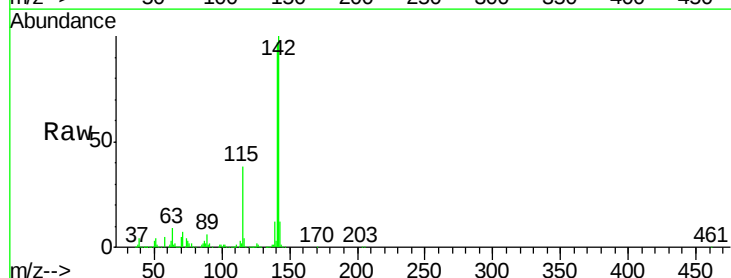
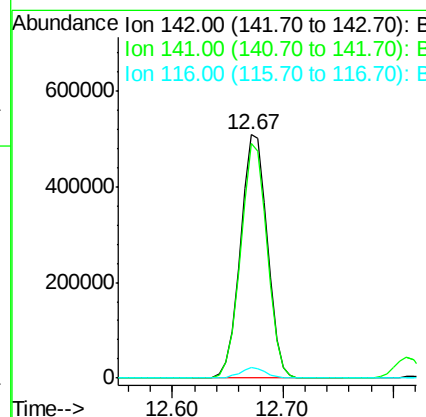
RT: 12.67 min Scan# 1631

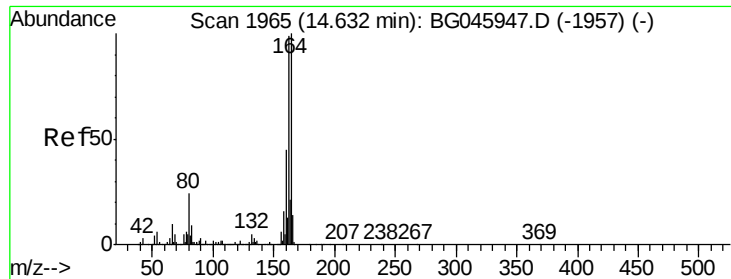
Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	142	Resp:	869037
Ion Ratio	Lower	Upper	
142	100		
141	96.5	75.2	112.8
116	4.2	3.1	4.7





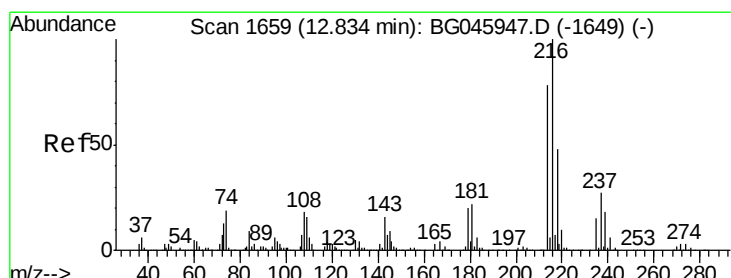
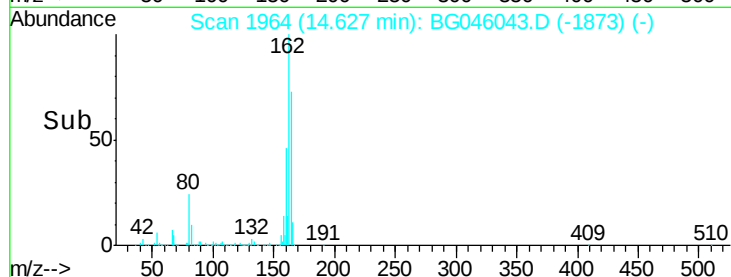
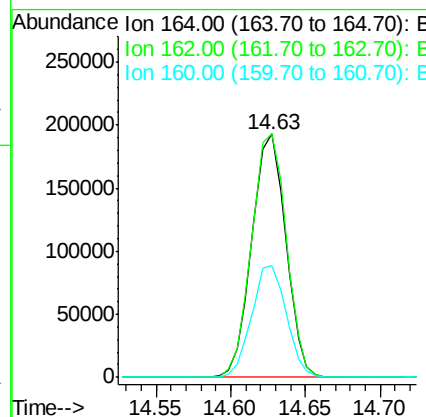
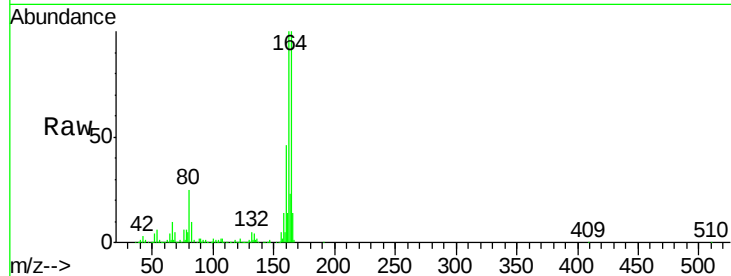
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.3	118.9
160	46.0	35.7	53.5

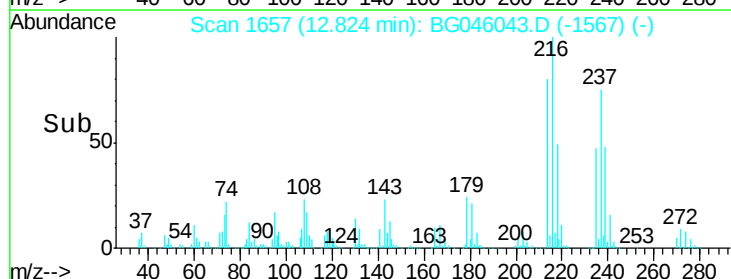
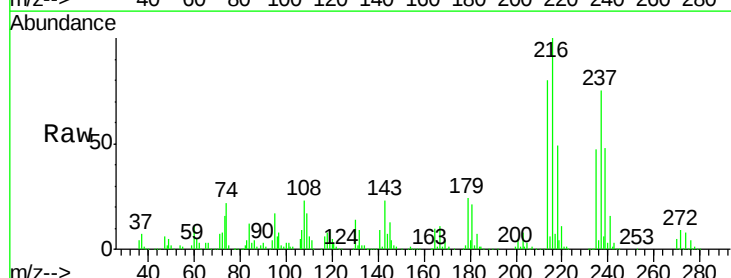
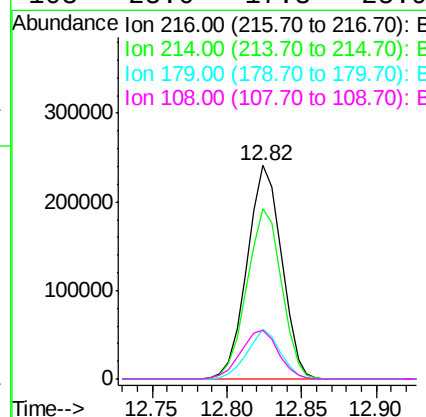
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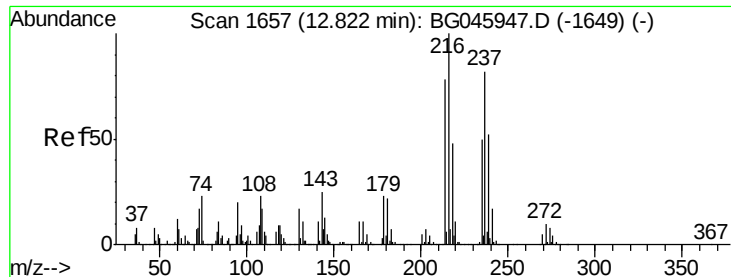
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.073 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	22.2	17.0	25.6
108	25.0	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 90.243 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

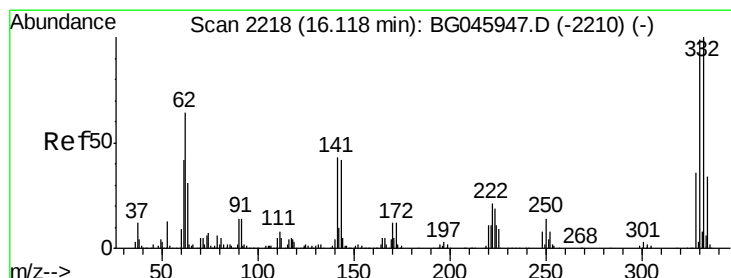
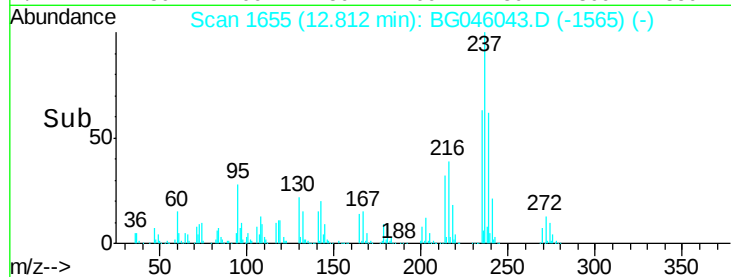
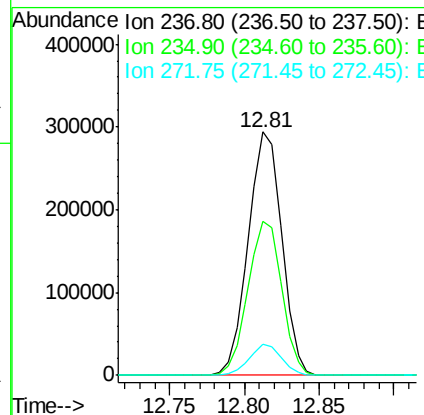
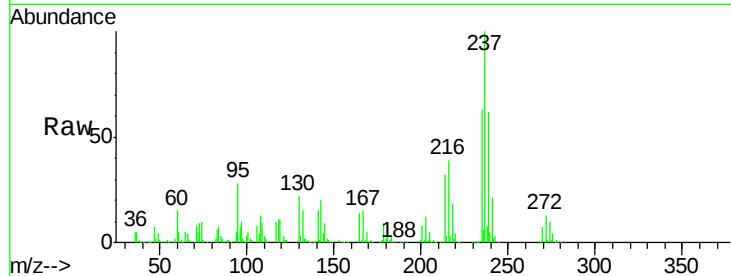
ClientSampleId :

CL-02-070920MS

Tot Ion:	237	Resp:	456988
Ion Ratio	Lower	Upper	
237	100		
235	63.4	41.5	81.5
272	12.7	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 127.382 ng

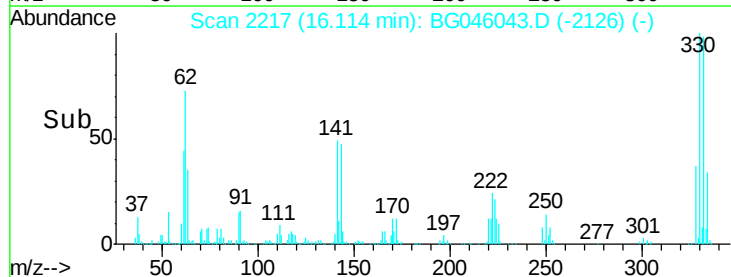
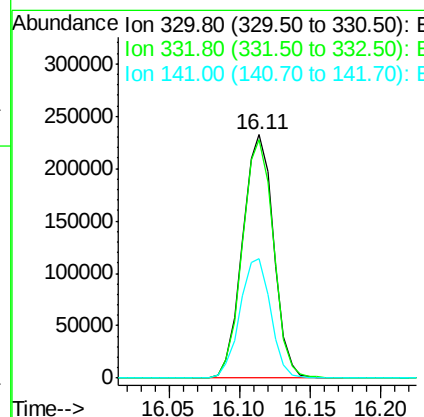
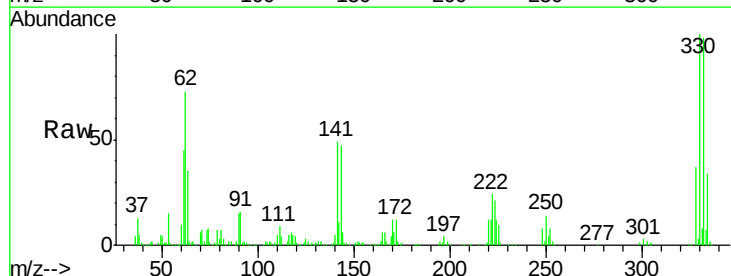
RT: 16.11 min Scan# 2217

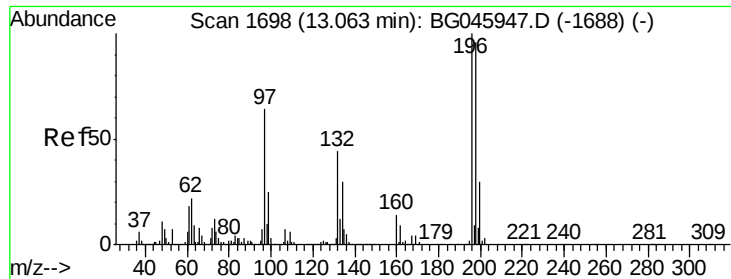
Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	330	Resp:	357924
Ion Ratio	Lower	Upper	
330	100		
332	98.2	78.3	117.5
141	48.6	36.6	54.8





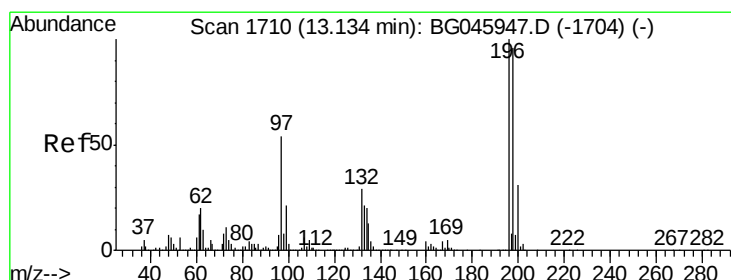
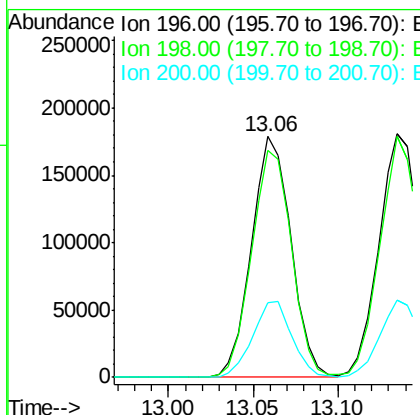
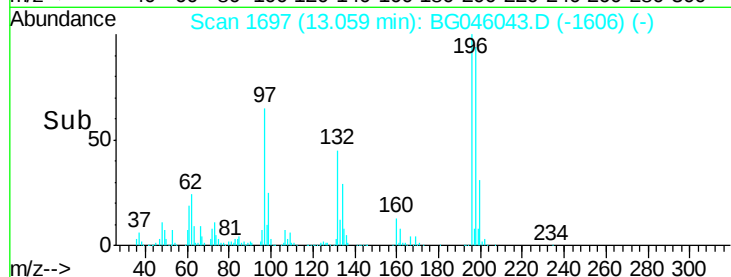
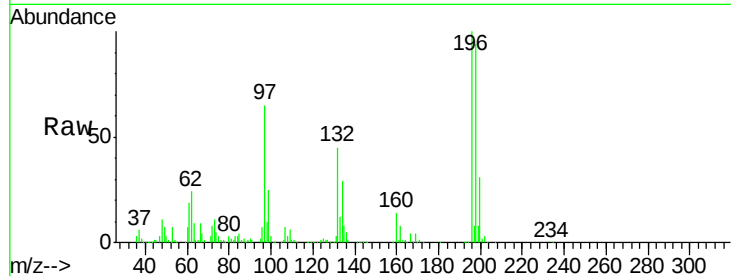
#43
2,4,6-Trichlorophenol
Concen: 50.226 ng
RT: 13.06 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	289896		
198	94.0	76.7	115.1	
200	31.1	24.3	36.5	

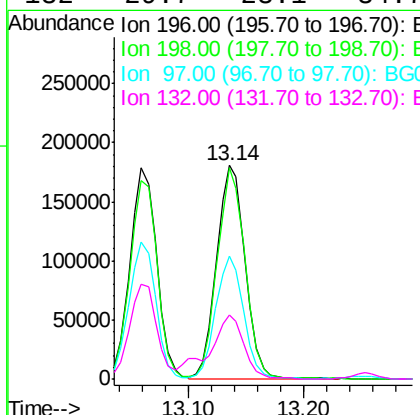
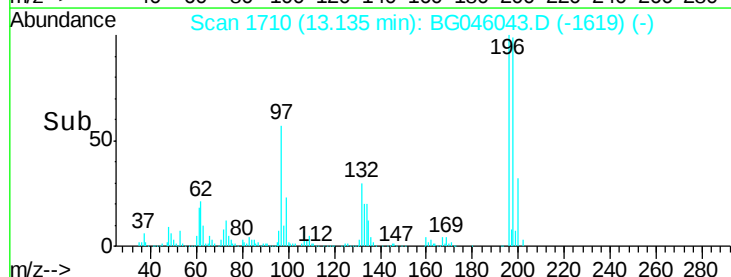
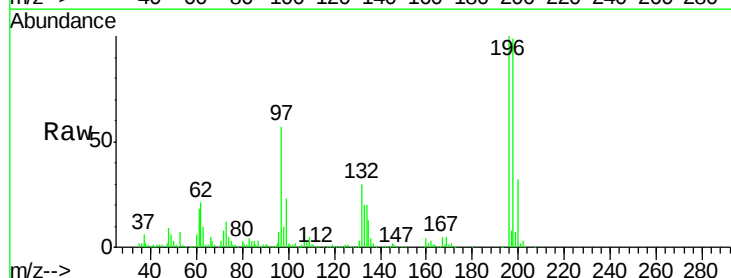
Manual Integrations
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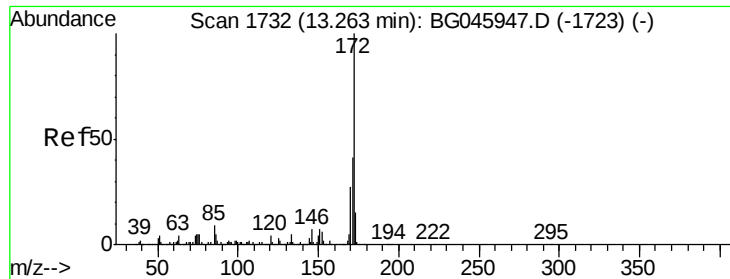
mohammad
7/15/2020 11:01:39 AM



#44
2,4,5-Trichlorophenol
Concen: 47.129 ng
RT: 13.14 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307558		
198	98.9	77.0	115.6	
97	57.4	44.3	66.5	
132	29.7	23.1	34.7	





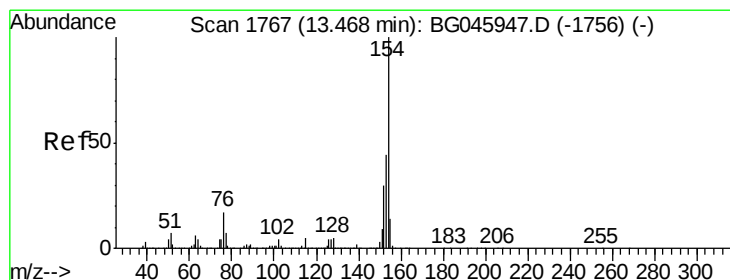
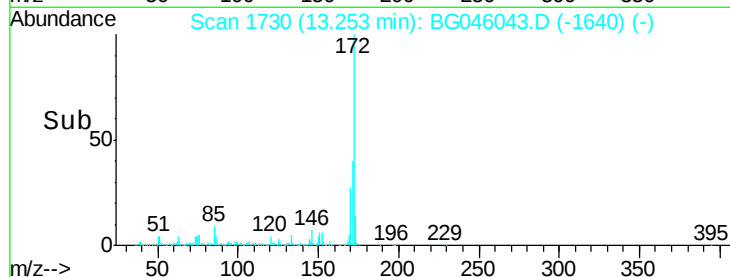
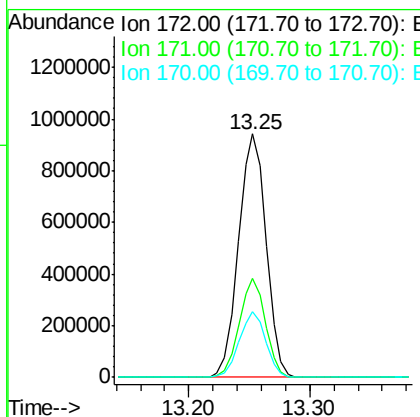
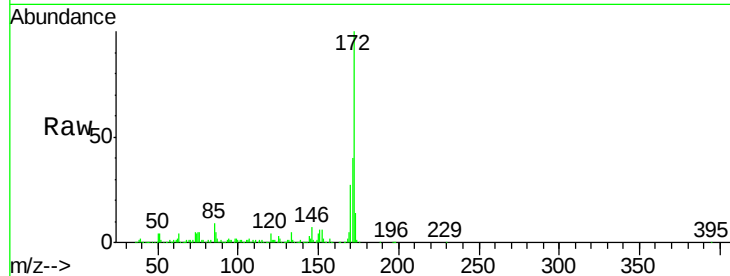
#45
2-Fluorobiphenyl
Concen: 77.076 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.9	49.3
170	26.9	21.8	32.6

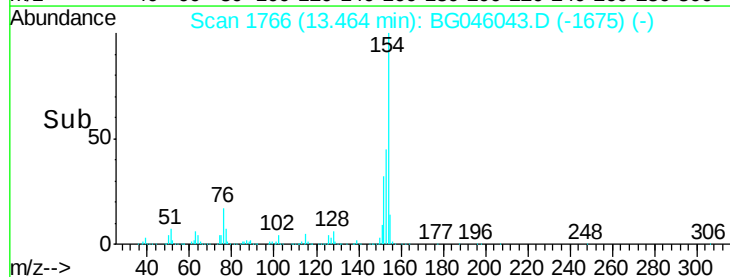
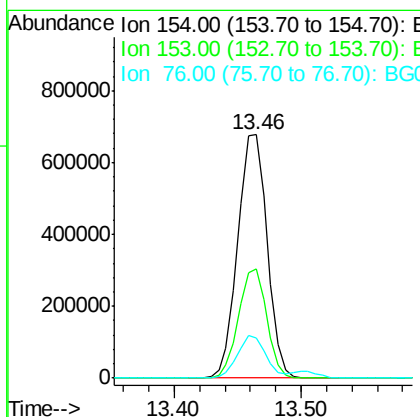
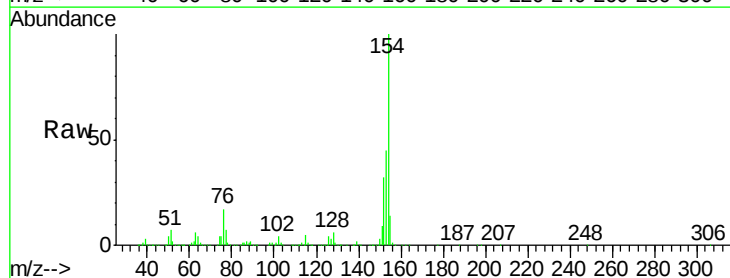
Manual Integrations
APPROVED

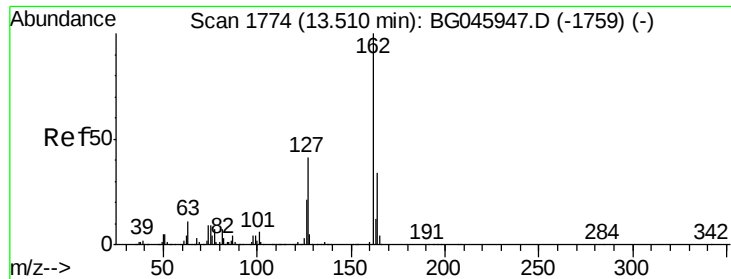
mohammad
7/15/2020 11:01:39 AM



#46
1,1'-Biphenyl
Concen: 47.697 ng
RT: 13.46 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.9	23.6	63.6
76	16.7	0.0	36.9





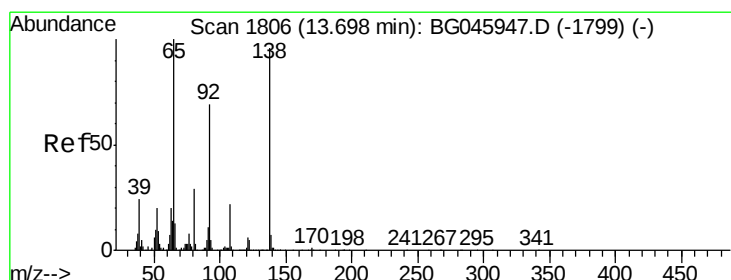
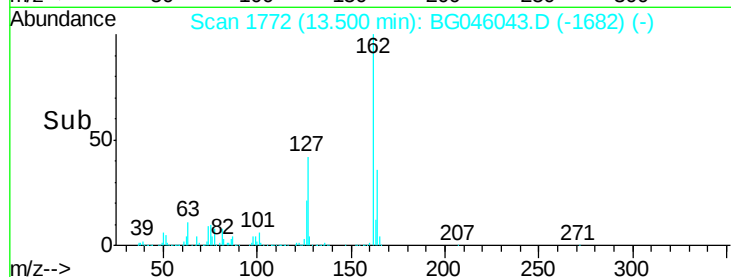
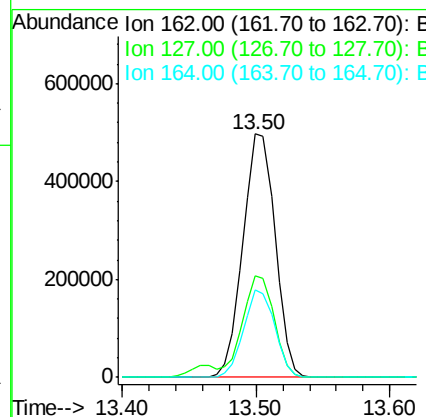
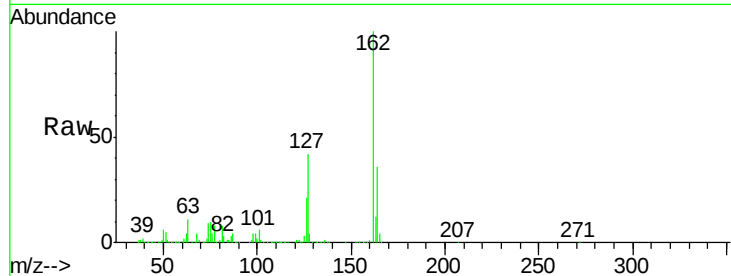
#47
2-Chloronaphthalene
Concen: 46.250 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.5	48.7
164	35.7	27.2	40.8

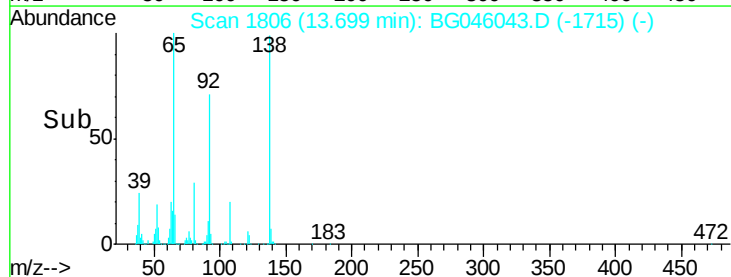
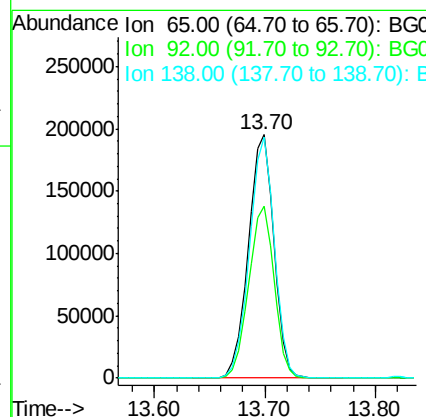
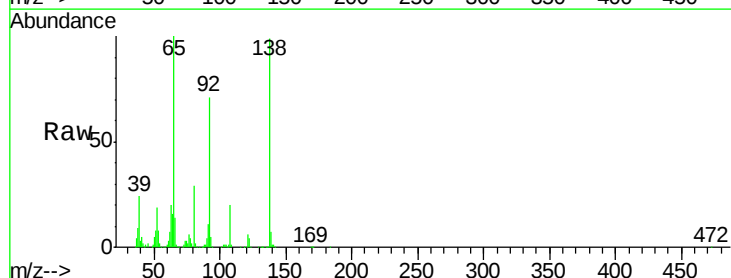
Manual Integrations
APPROVED

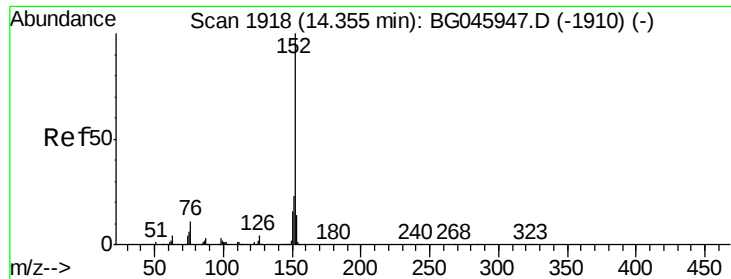
mohammad
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#48
2-Nitroaniline
Concen: 61.940 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	55.4	83.0
138	99.0	77.0	115.4





#49

Acenaphthylene

Concen: 46.942 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

Tot Ion:152 Resp: 1360977

Ion Ratio Lower Upper

152 100

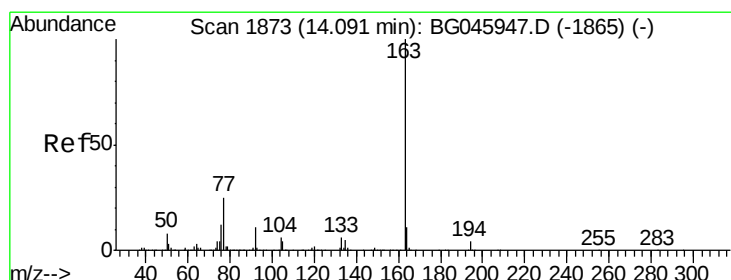
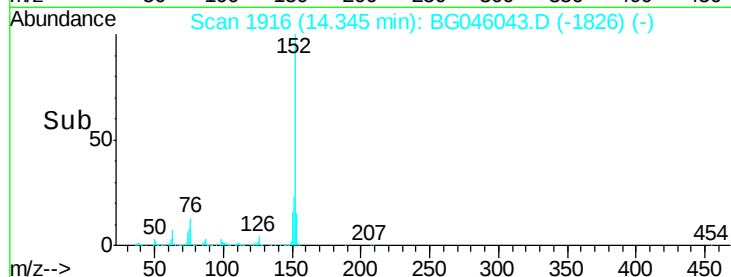
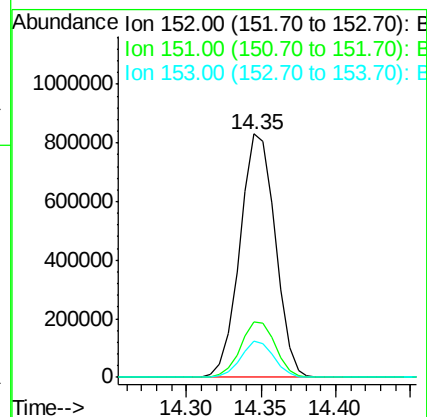
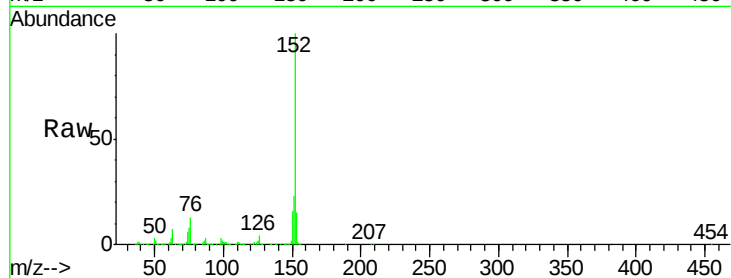
151 22.8 18.1 27.1

153 14.7 11.5 17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.965 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

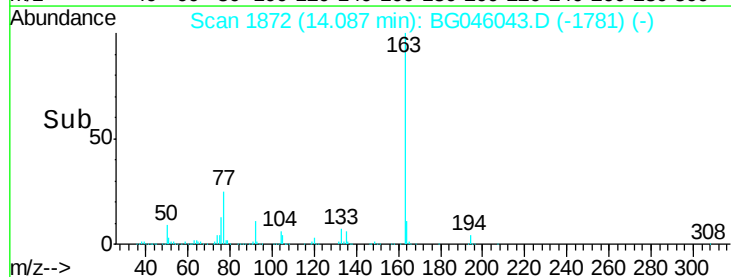
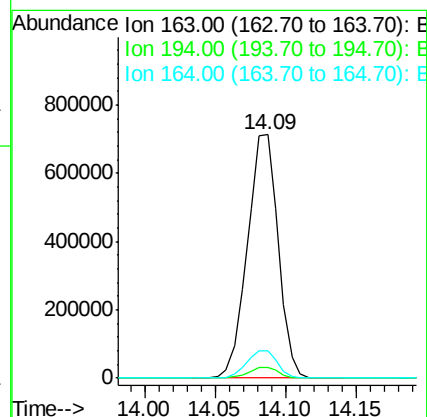
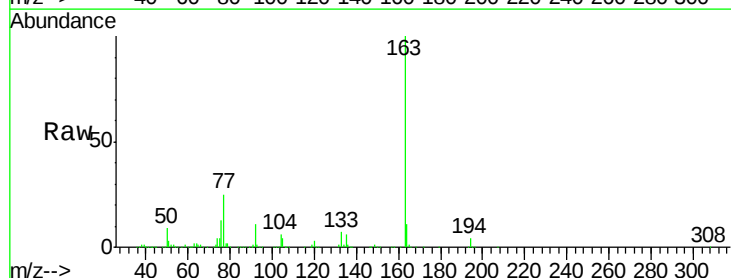
Tgt Ion:163 Resp: 1089812

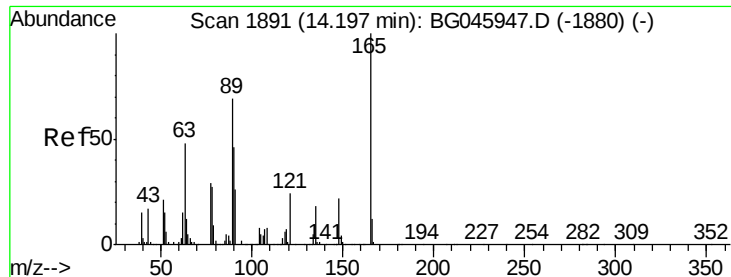
Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

164 11.0 8.9 13.3





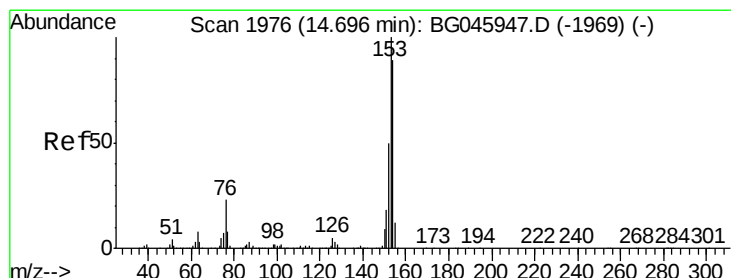
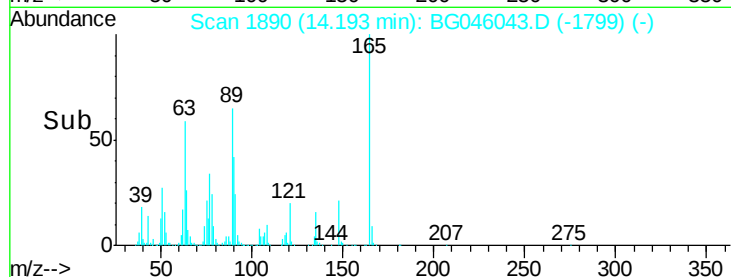
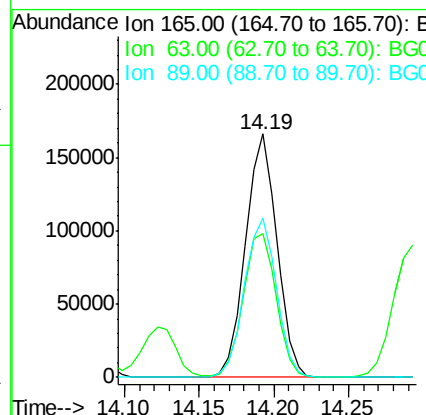
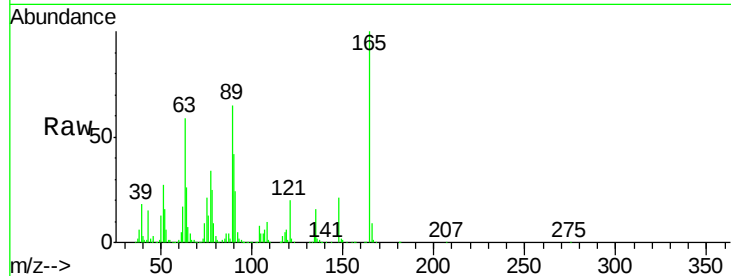
#51
2,6-Dinitrotoluene
Concen: 58.767 ng
RT: 14.19 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.9	51.0	76.4
89	65.5	55.7	83.5

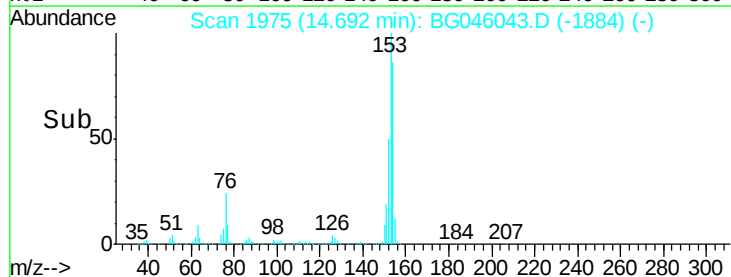
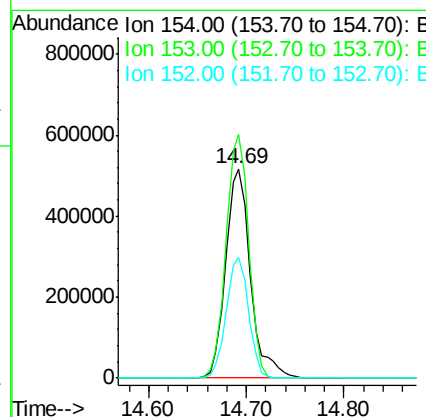
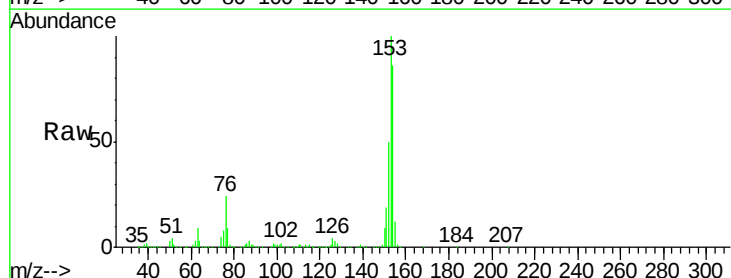
Manual Integrations
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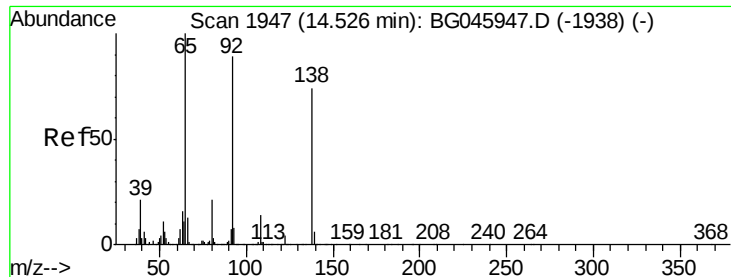
mohammad
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#52
Acenaphthene
Concen: 49.624 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.2	89.7	134.5
152	57.8	44.7	67.1





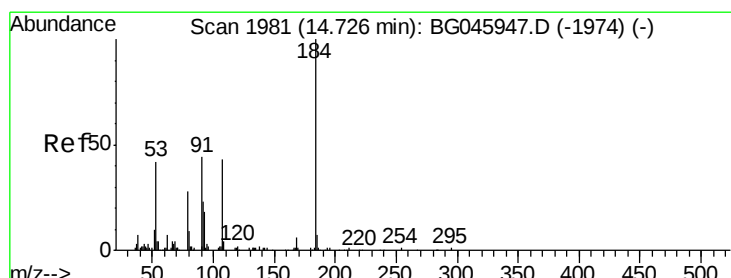
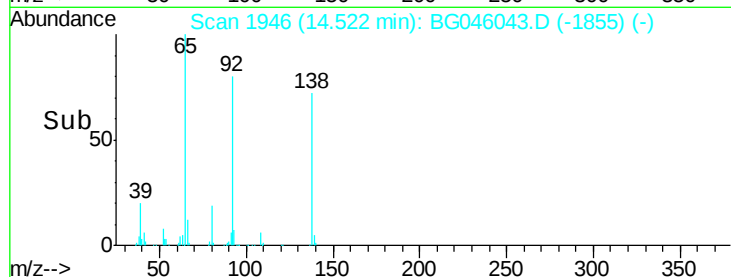
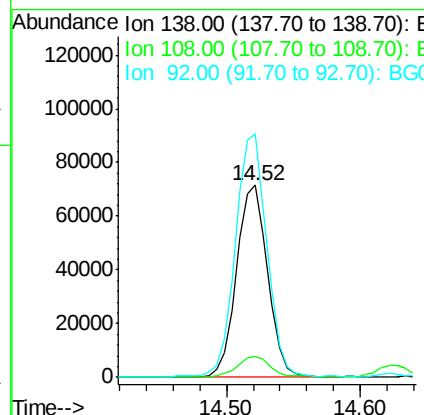
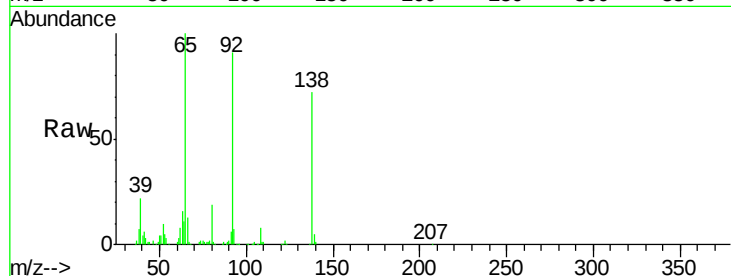
#53
3-Nitroaniline
Concen: 24.747 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	15.4	23.2#
92	126.7	95.9	143.9

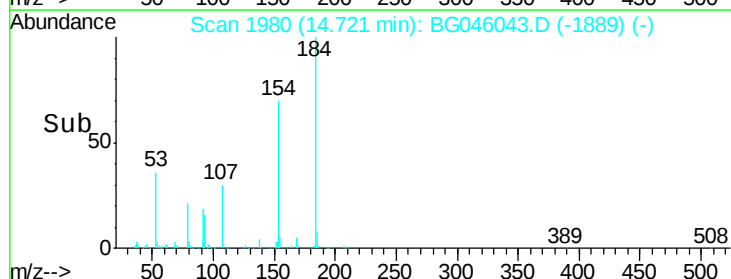
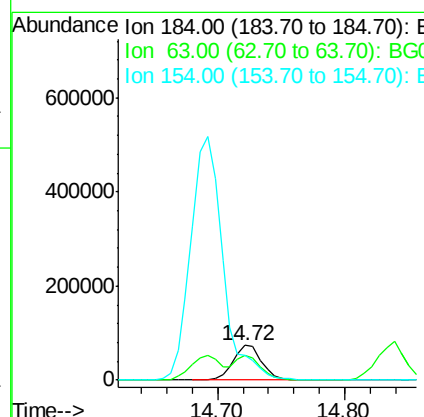
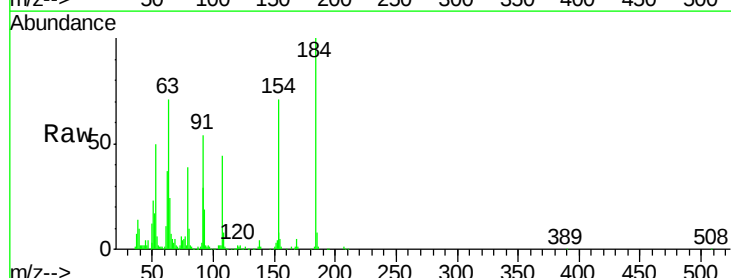
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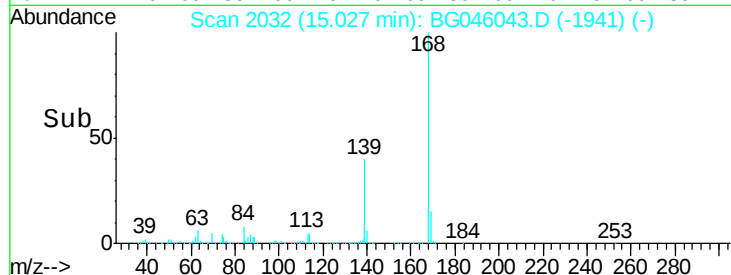
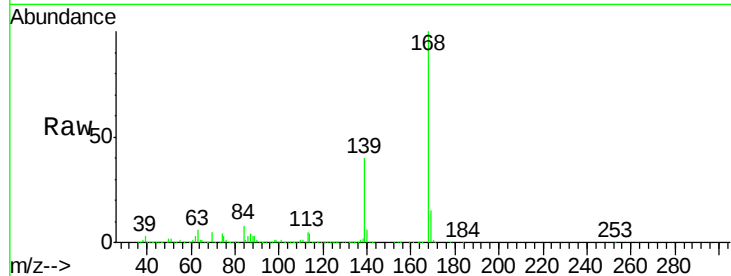
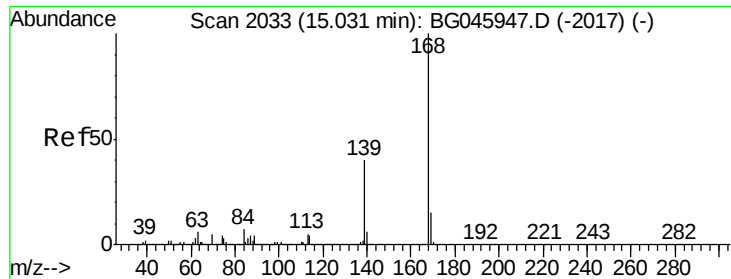
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#54
2,4-Dinitrophenol
Concen: 76.655 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.7	46.0	69.0#
154	70.7	58.2	87.2





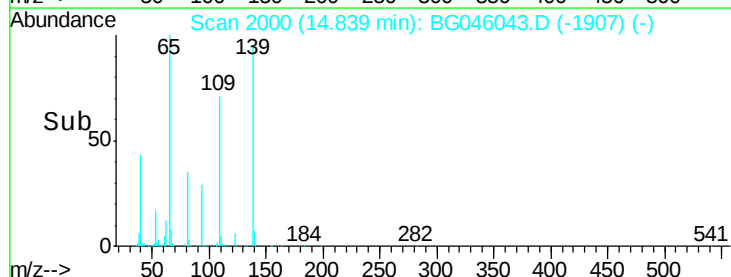
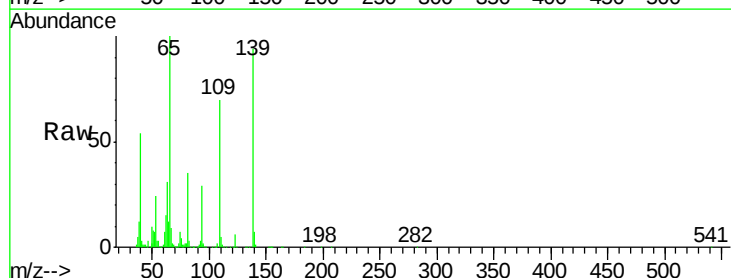
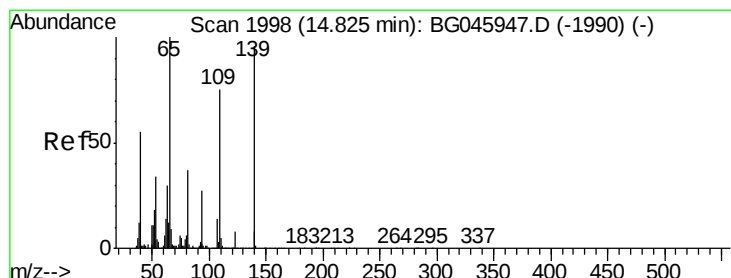
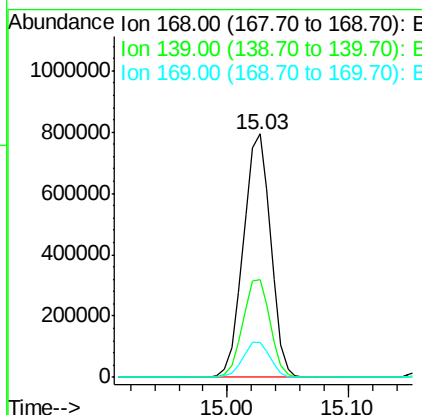
#55
Dibenzofuran
Concen: 46.825 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tot Ion:168 Resp: 1255228
Ion Ratio Lower Upper
168 100
139 40.1 32.2 48.2
169 14.5 11.8 17.8

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

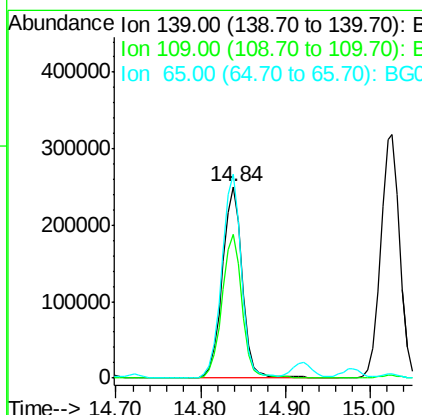
Manual Integrations
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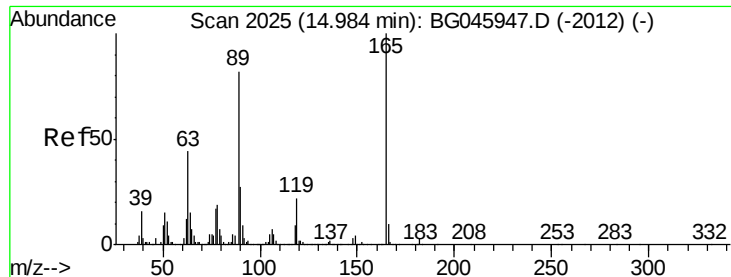
mohammad
7/15/2020 11:01:39 AM



#56
4-Nitrophenol
Concen: 110.519 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:139 Resp: 409105
Ion Ratio Lower Upper
139 100
109 75.0 58.5 98.5
65 106.8 84.7 124.7





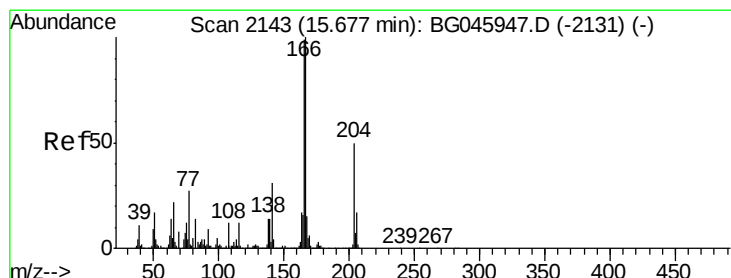
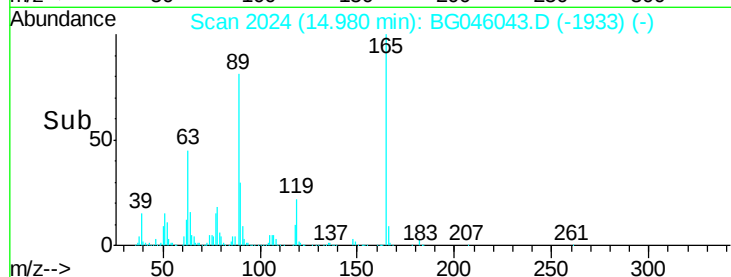
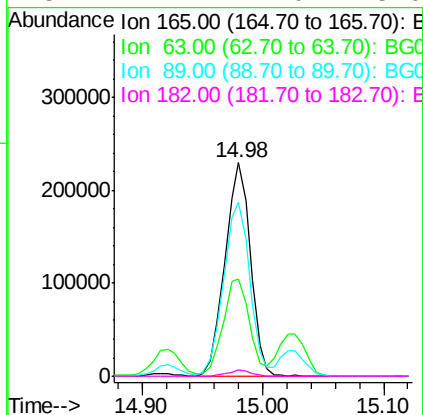
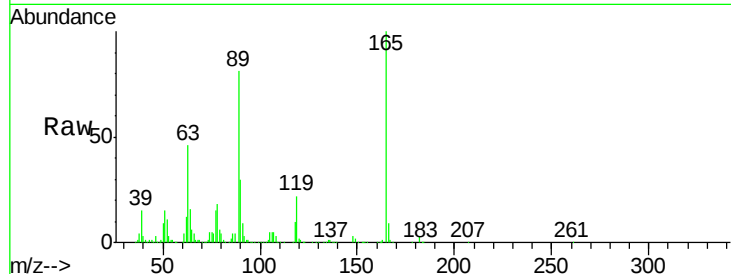
#57
2,4-Dinitrotoluene
Concen: 63.336 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		337512		
63	45.6	35.4	53.0		
89	81.3	65.4	98.2		
182	2.7	2.0	3.0		

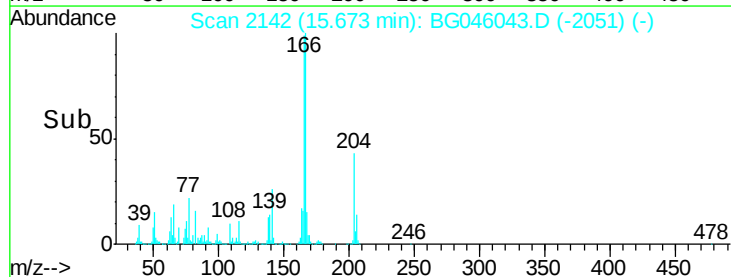
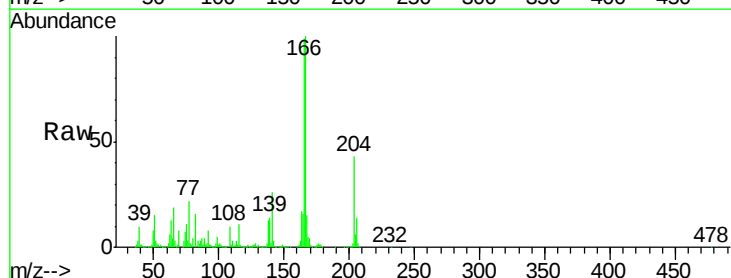
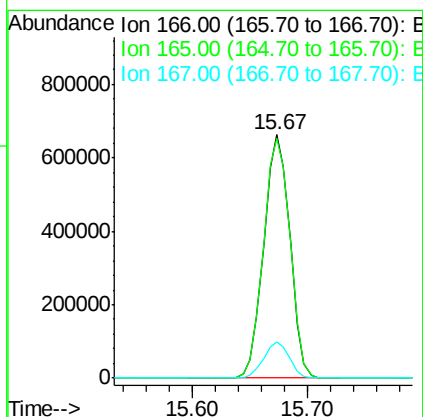
Manual Integrations
APPROVED

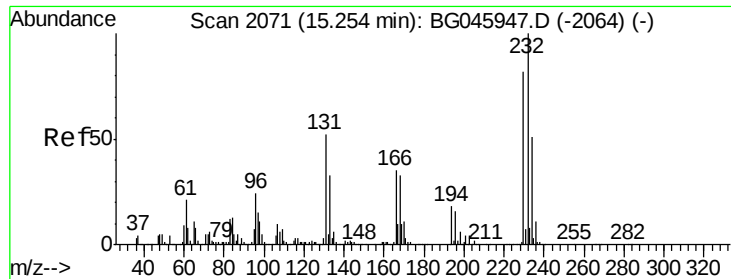
mohammad
7/15/2020 11:01:39 AM



#58
Fluorene
Concen: 47.620 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1047193		
165	98.7	78.9	118.3		
167	15.0	12.1	18.1		





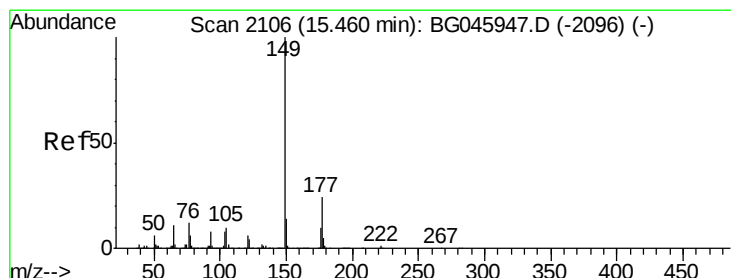
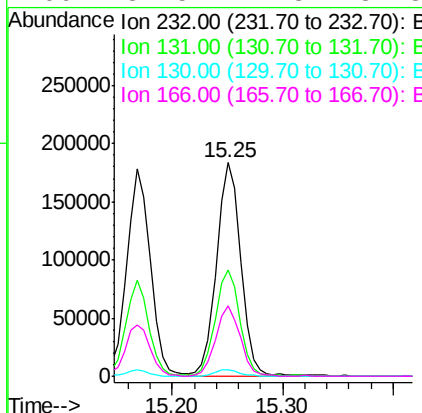
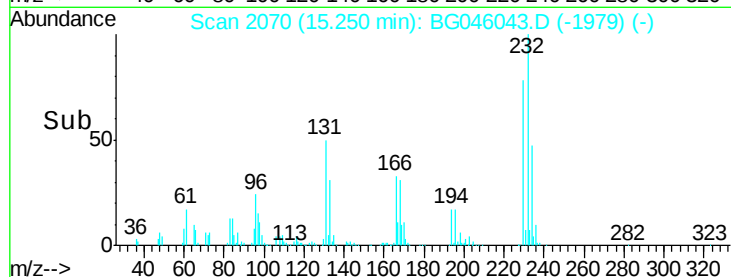
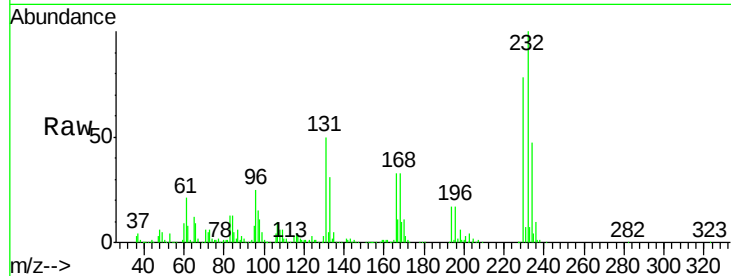
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.807 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion:	232	Resp:	281187
Ion Ratio		Lower	Upper
232	100		
131	49.0	35.8	53.6
130	3.2	2.5	3.7
166	32.5	21.8	32.8

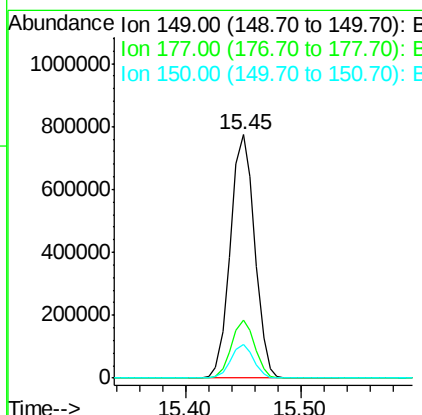
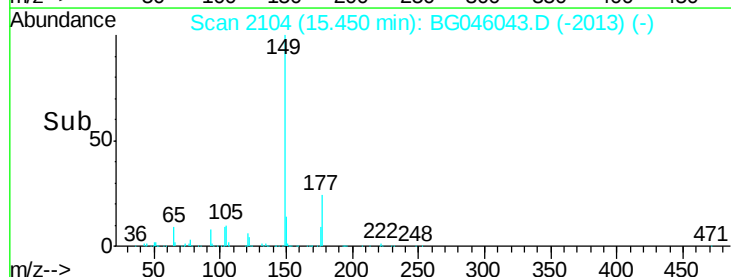
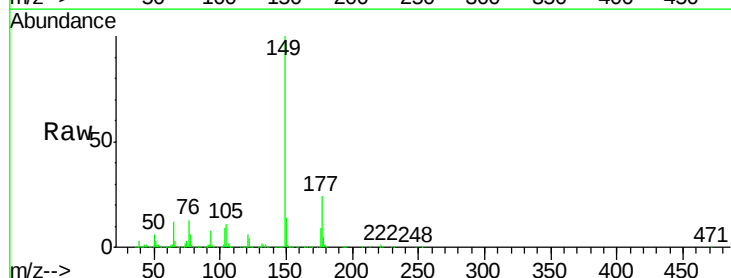
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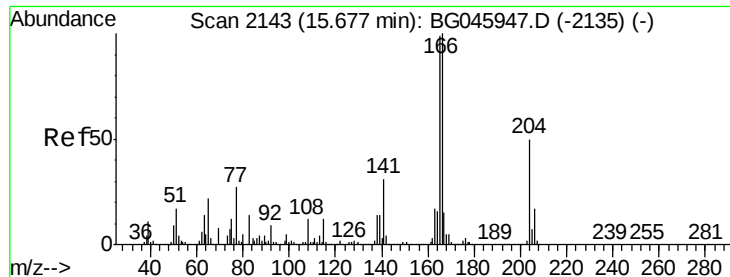
mohammad
 7/15/2020 11:01:39 AM



#60
 Diethylphthalate
 Concen: 47.198 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion:	149	Resp:	1124632
Ion Ratio		Lower	Upper
149	100		
177	24.1	19.0	28.4
150	13.9	11.0	16.4





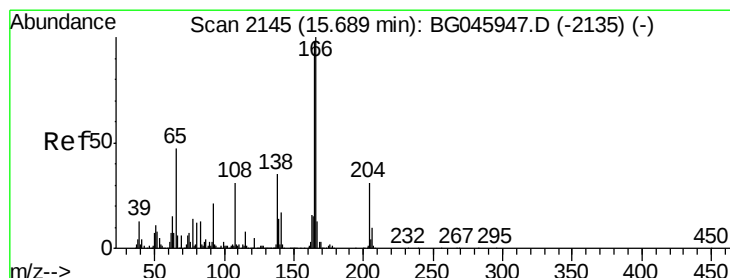
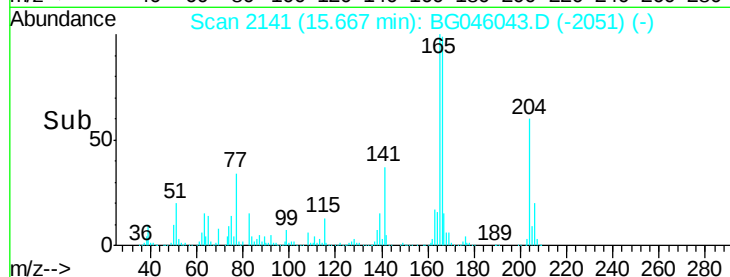
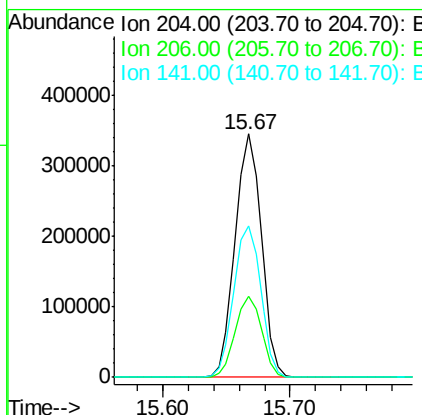
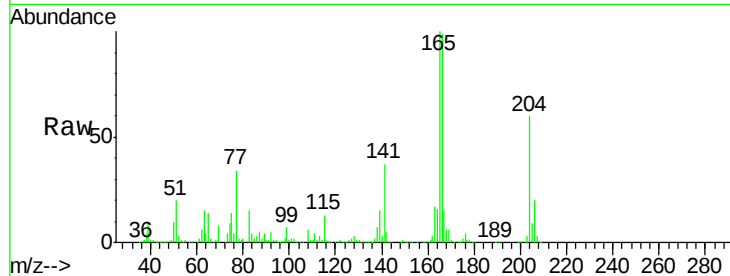
#61
4-Chlorophenyl-phenylether
Concen: 45.347 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	496117		
206	33.5	27.1	40.7	
141	62.1	49.8	74.8	

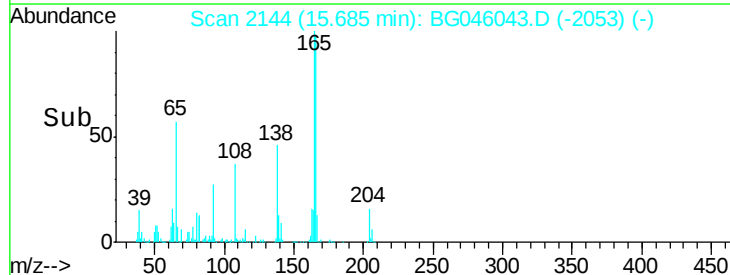
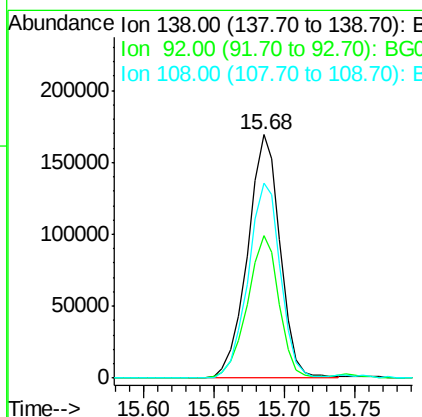
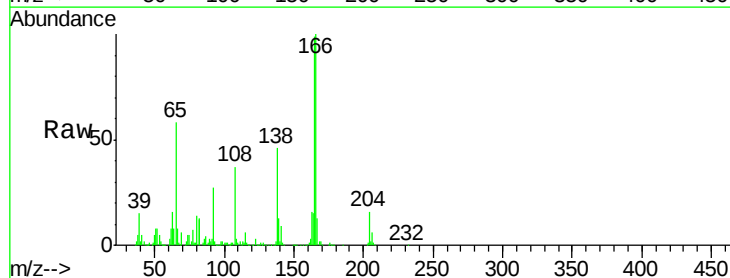
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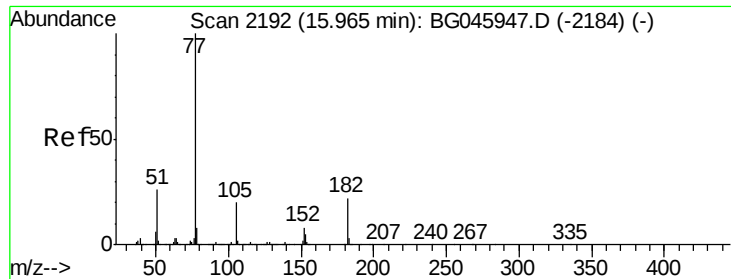
mohammad
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#62
4-Nitroaniline
Concen: 58.230 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	273445		
92	58.7	40.3	80.3	
108	80.0	68.0	108.0	





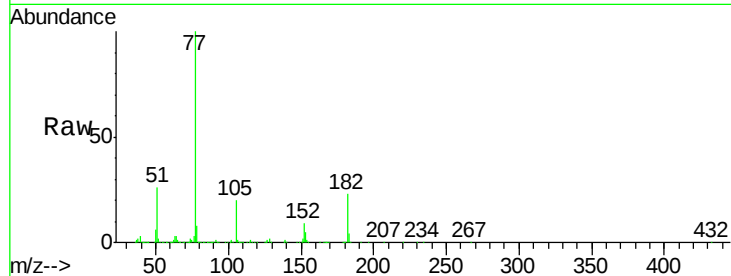
#63
Azobenzene
Concen: 49.518 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

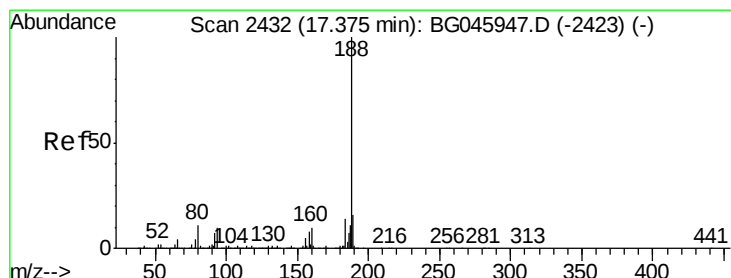
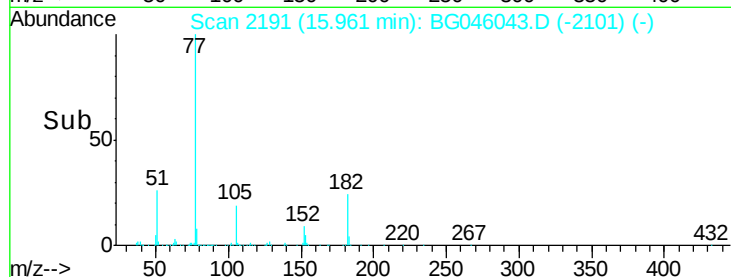
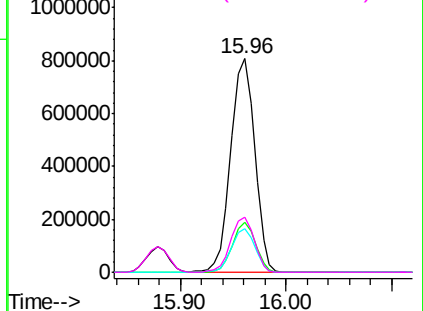
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.4	2.4	42.4	
105	20.4	0.3	40.3	
51	26.0	6.3	46.3	

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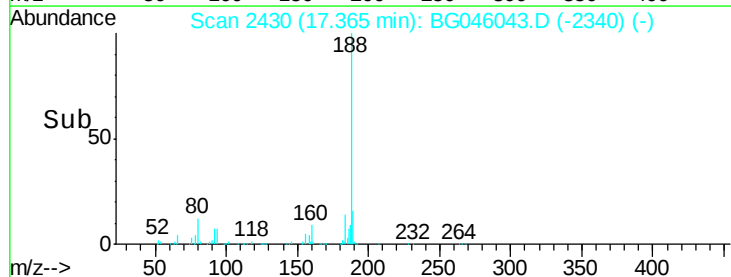
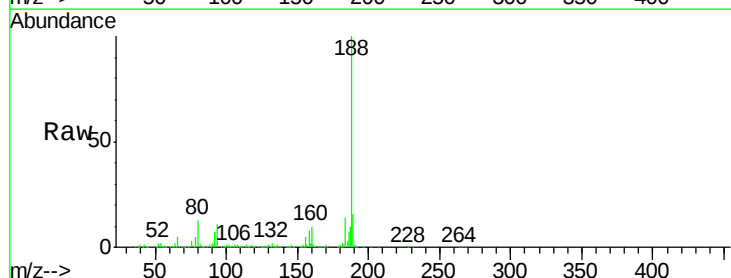
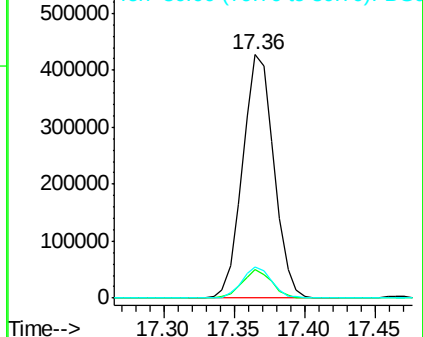
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

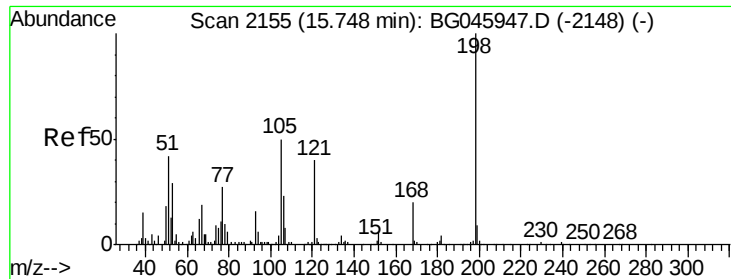


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.5	8.2	12.4	
80	12.7	9.0	13.6	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





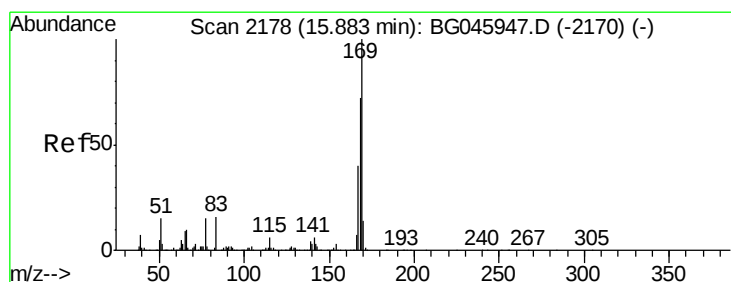
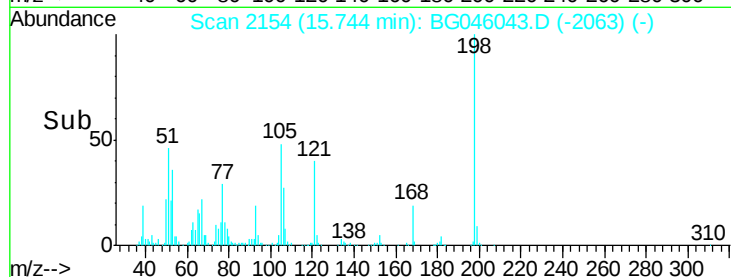
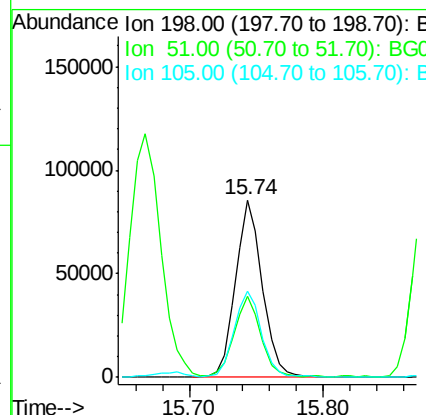
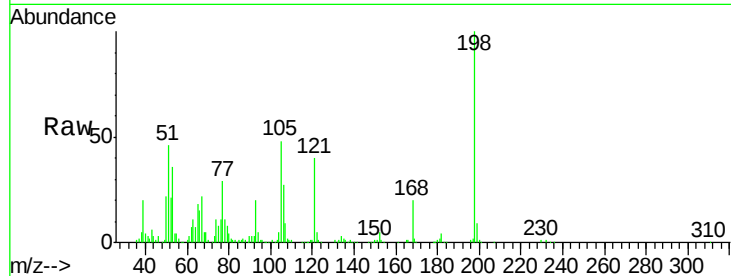
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.951 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	119825		
51	45.6		24.5	64.5
105	48.4		30.9	70.9

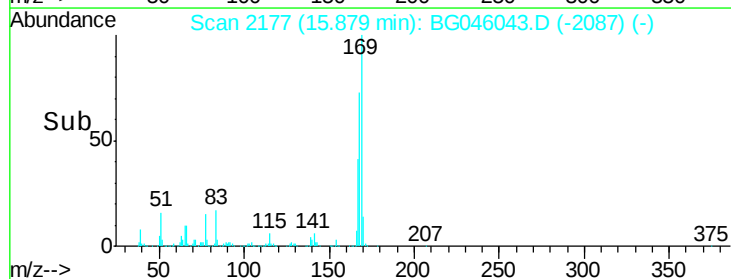
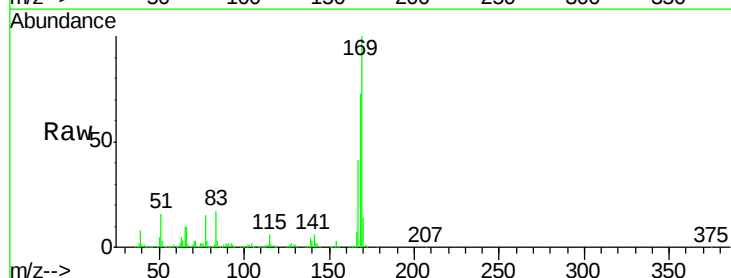
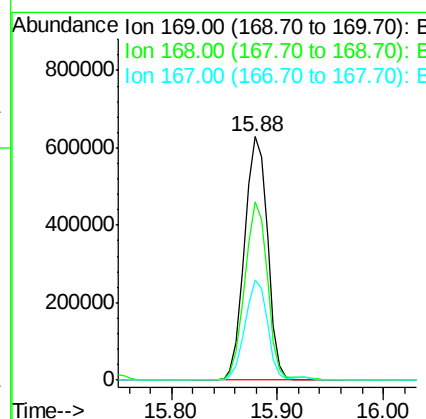
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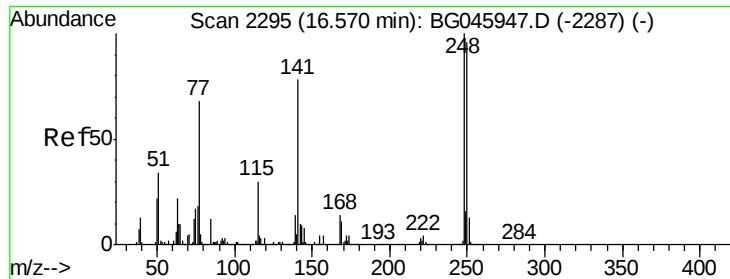
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#66
 n-Nitrosodiphenylamine
 Concen: 46.057 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	944229		
168	73.4		57.3	85.9
167	41.4		32.1	48.1





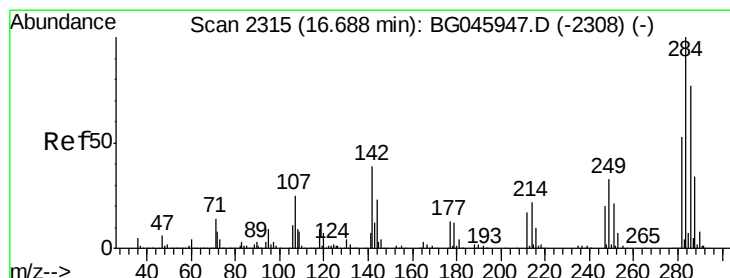
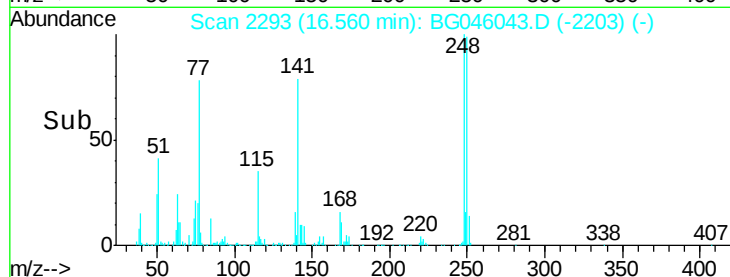
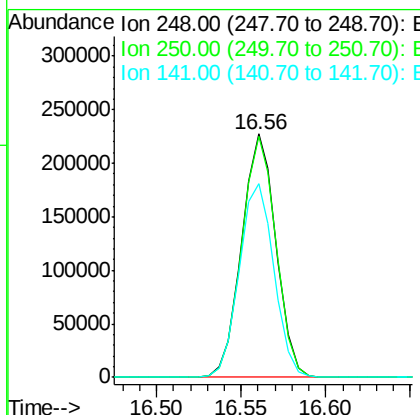
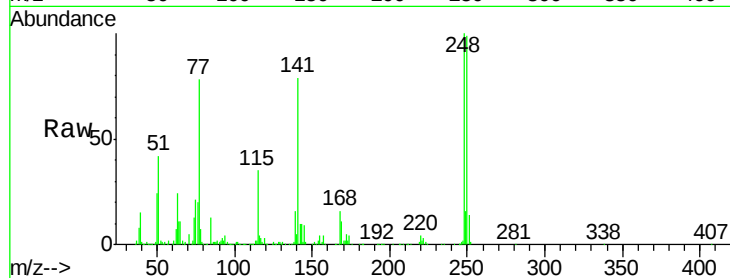
#67
4-Bromophenyl-phenylether
Concen: 43.276 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.6	114.8
141	79.3	62.7	94.1

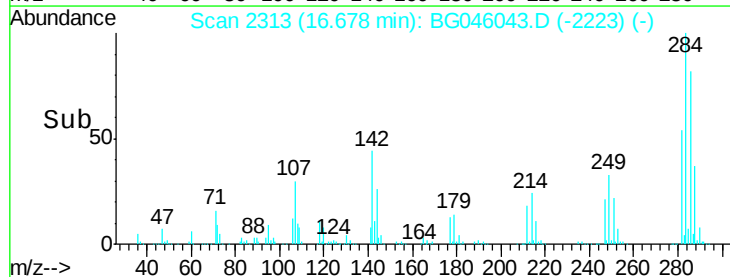
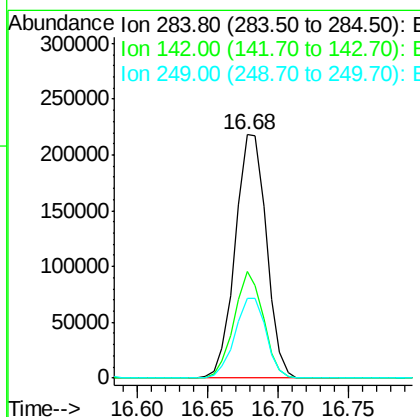
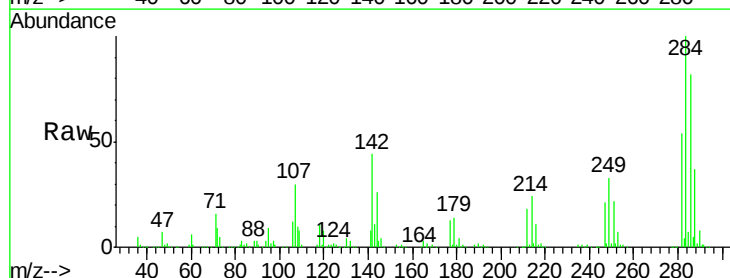
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#68
Hexachlorobenzene
Concen: 45.266 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.0	31.3	46.9
249	32.6	26.8	40.2





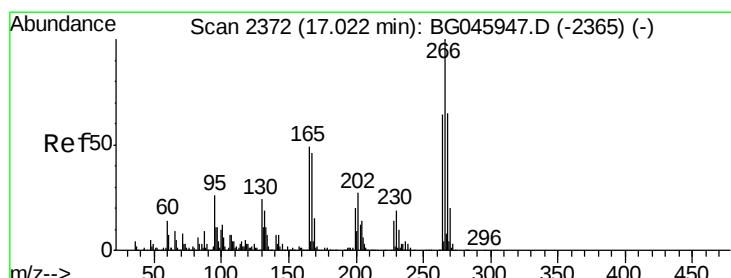
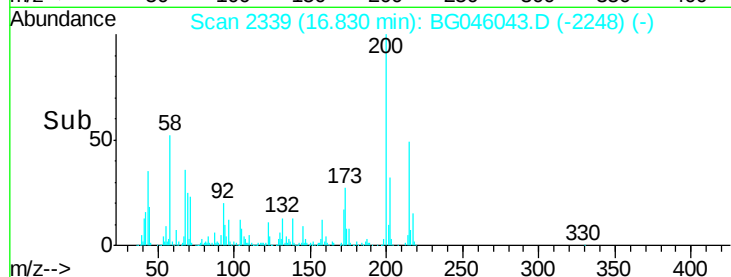
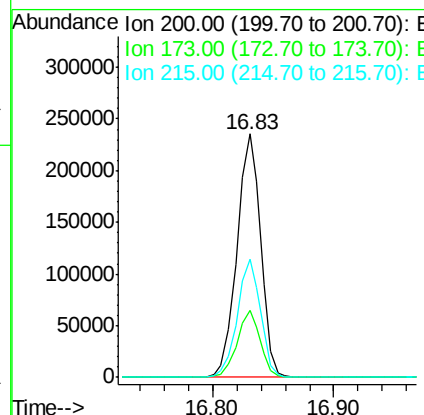
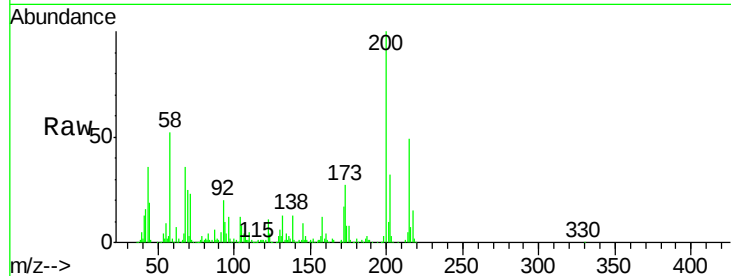
#69
Atrazine
Concen: 53.117 ng
RT: 16.83 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	321963		
173	27.4	9.1	49.1	
215	48.6	28.8	68.8	

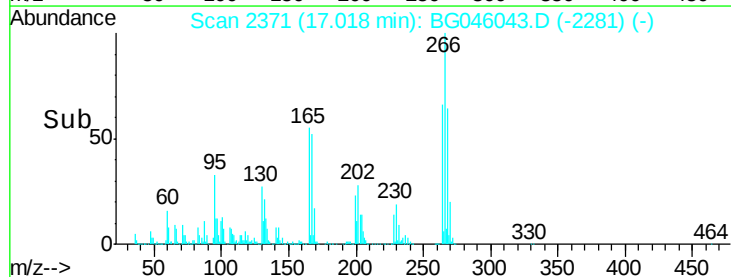
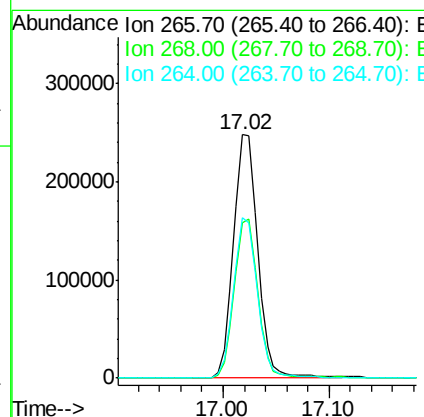
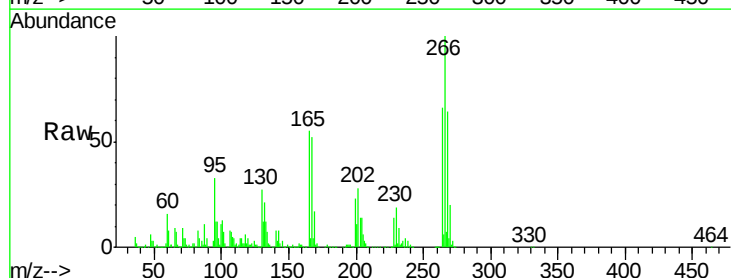
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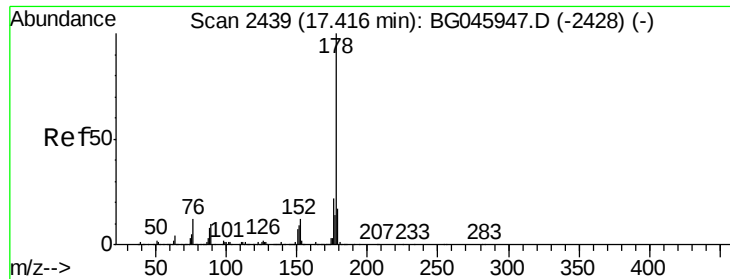
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#70
Pentachlorophenol
Concen: 95.709 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	394556		
268	63.7	51.8	77.8	
264	65.7	51.4	77.0	





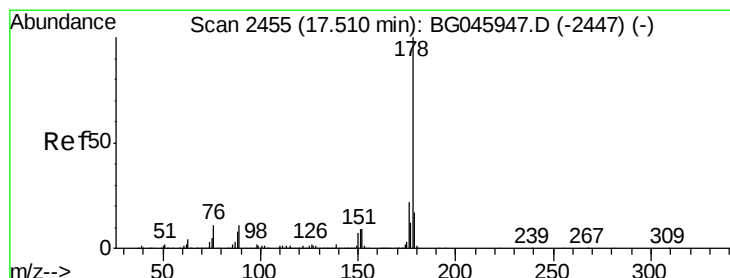
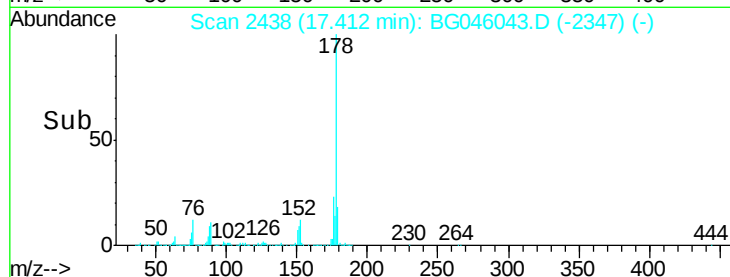
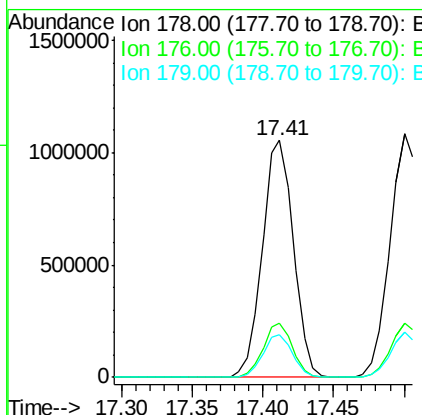
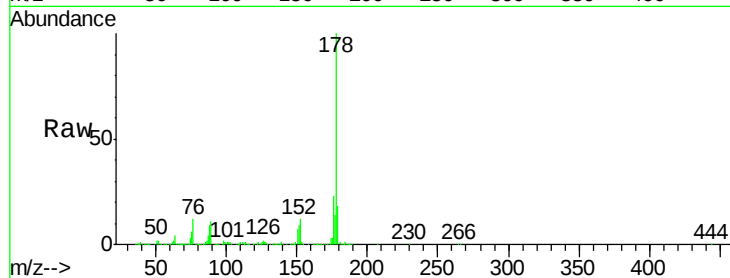
#71
Phenanthrene
Concen: 46.611 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion:178 Resp: 1630272
Ion Ratio Lower Upper
178 100
176 22.9 17.4 26.2
179 18.2 13.4 20.2

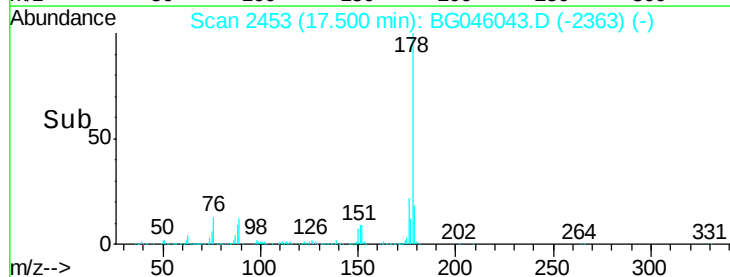
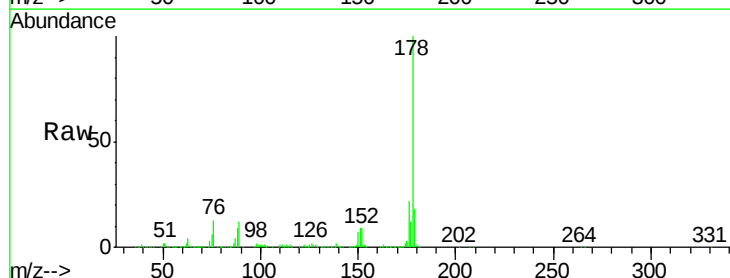
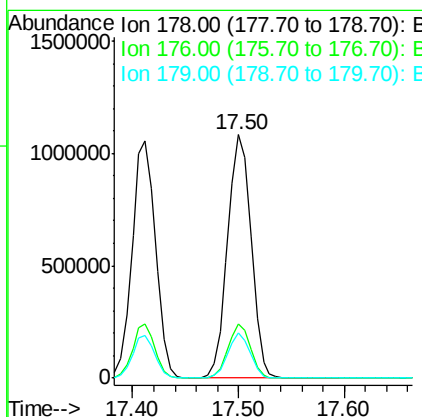
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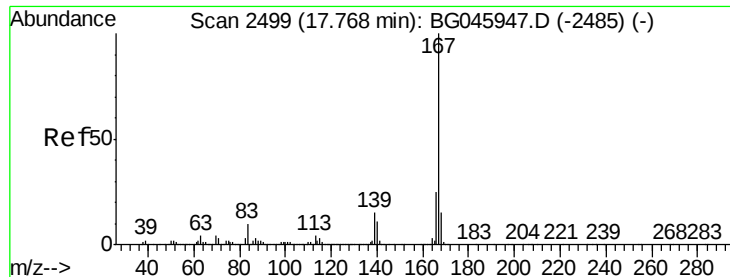
mohammad
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#72
Anthracene
Concen: 46.896 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion:178 Resp: 1664576
Ion Ratio Lower Upper
178 100
176 22.1 17.2 25.8
179 18.5 14.0 21.0





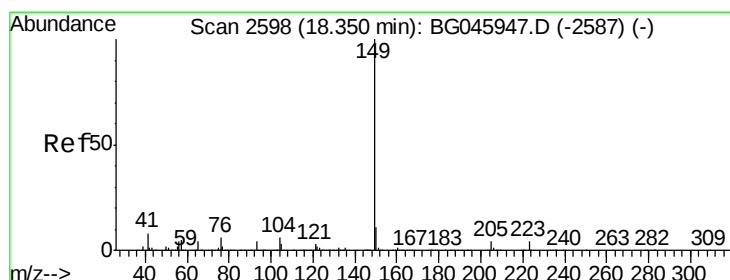
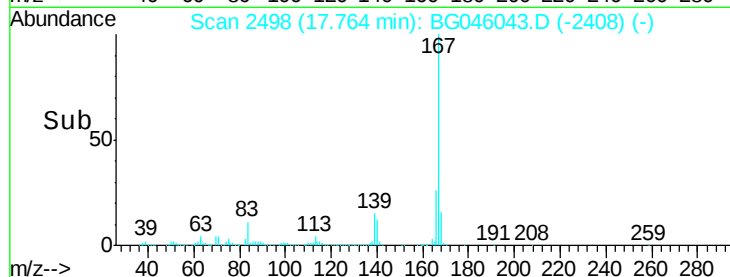
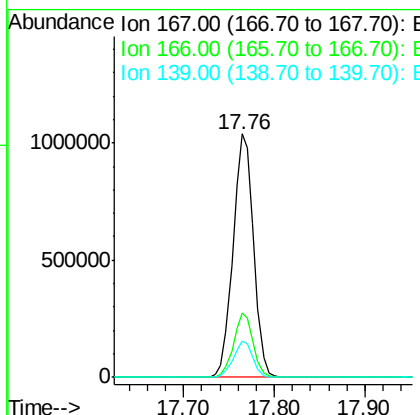
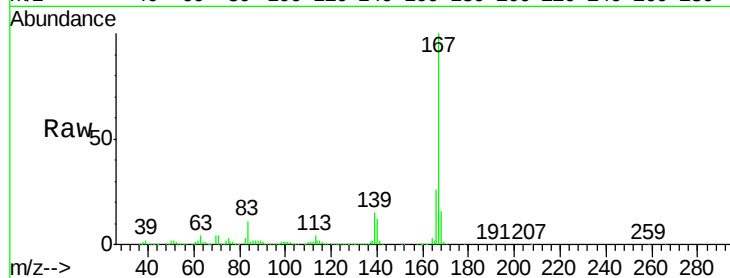
#73
 Carbazole
 Concen: 46.174 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.4	20.4	30.6
139	14.8	11.8	17.8

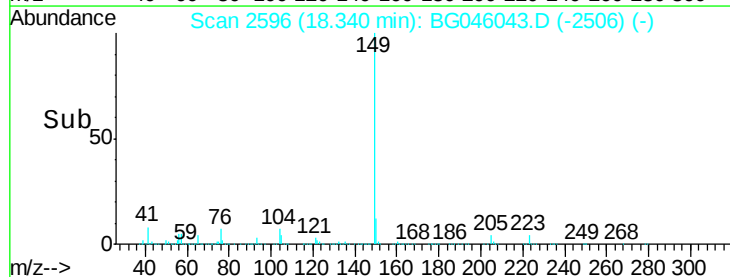
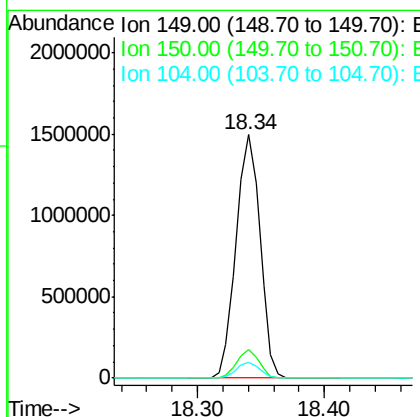
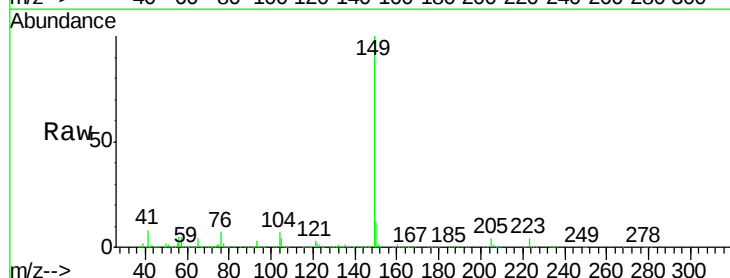
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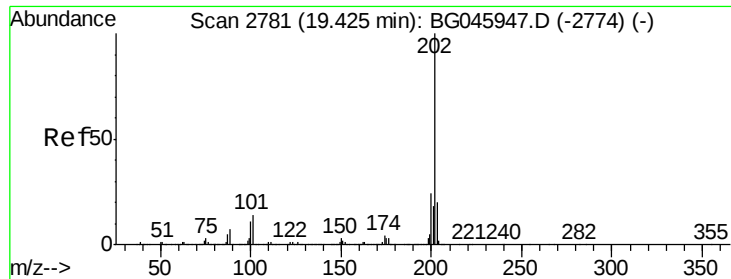
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#74
 Di-n-butylphthalate
 Concen: 45.443 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.6	9.0	13.4
104	6.7	5.2	7.8





#75

Fluoranthene

Concen: 47.725 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

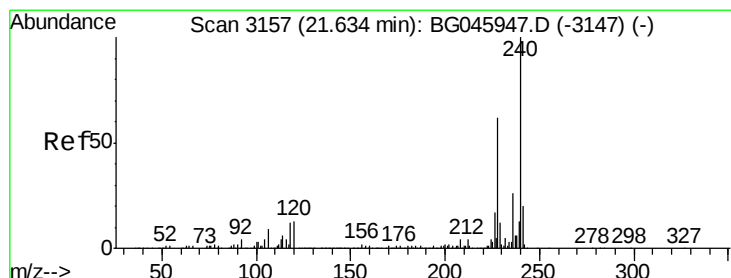
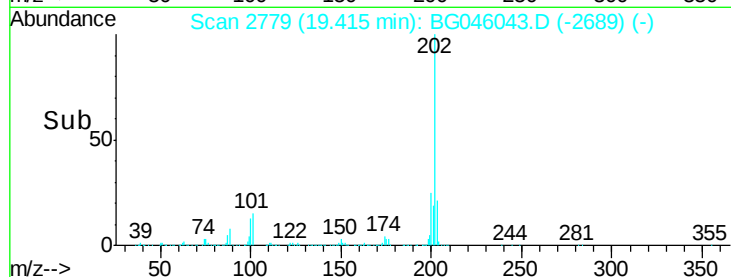
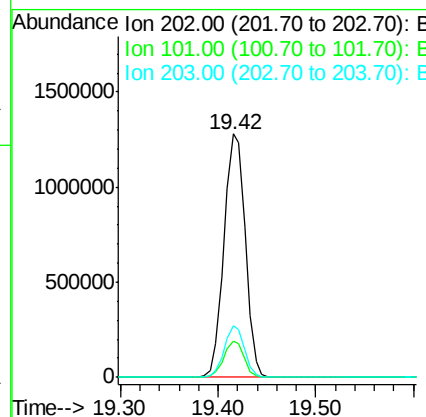
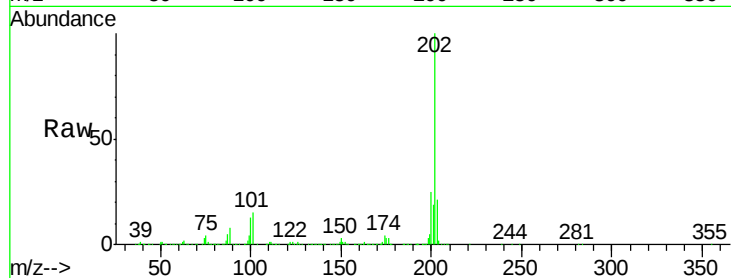
ClientSampleId :

CL-02-070920MS

Tot Ion:	202	Resp:	1929651
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	33.8
203	21.4	0.4	40.4

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#76

Chrysene-d12

Concen: 20.000 ng

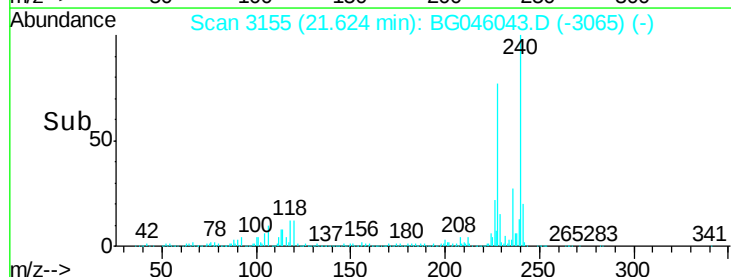
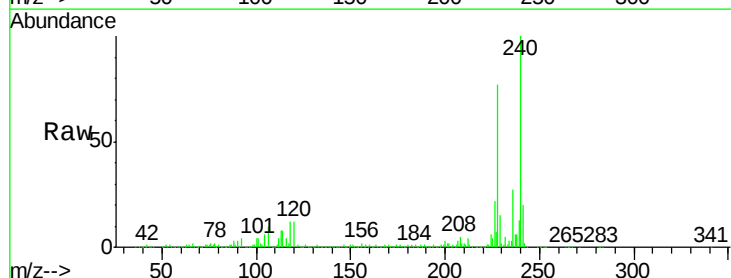
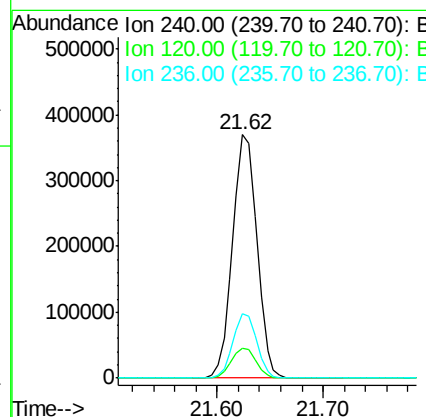
RT: 21.62 min Scan# 3155

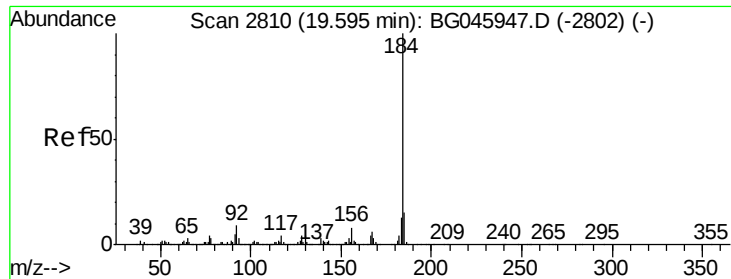
Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Tgt Ion:	240	Resp:	587940
Ion Ratio	Lower	Upper	
240	100		
120	12.2	10.6	16.0
236	26.6	20.4	30.6





#77

Benzidine

Concen: 25.072 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

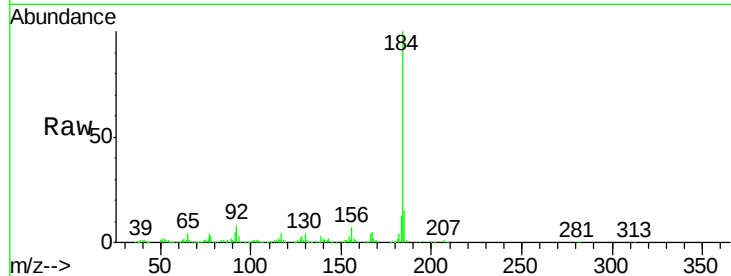
ClientSampleId :

CL-02-070920MS

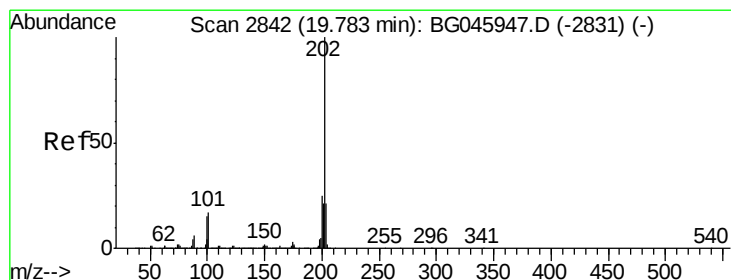
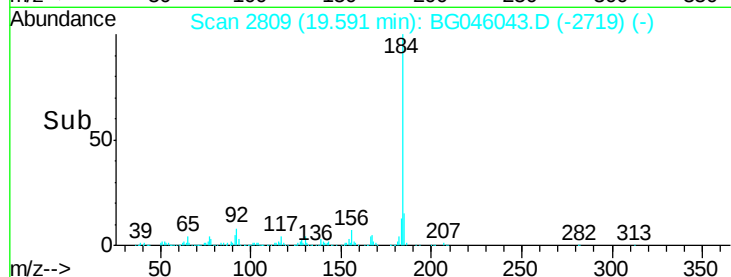
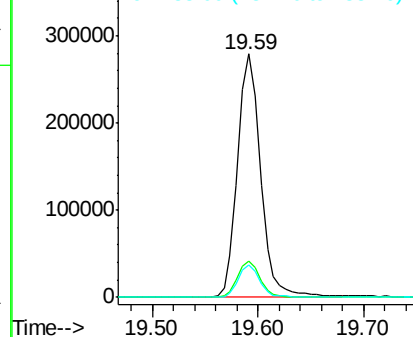
Tot Ion:	184	Resp:	421480
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.6	17.4
183	13.3	10.4	15.6

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



#78

Pyrene

Concen: 48.052 ng

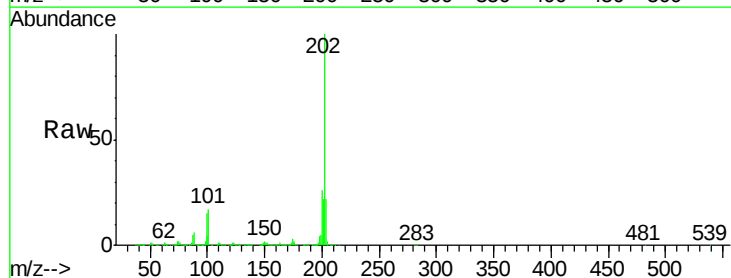
RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

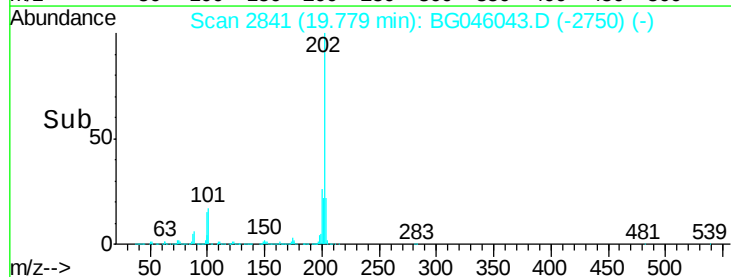
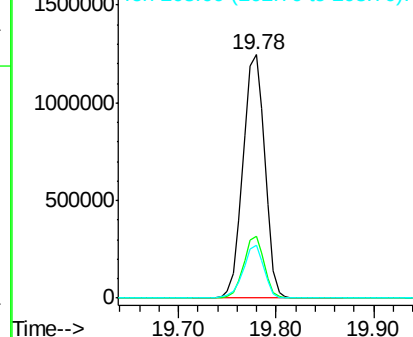
Lab File: BG046043.D

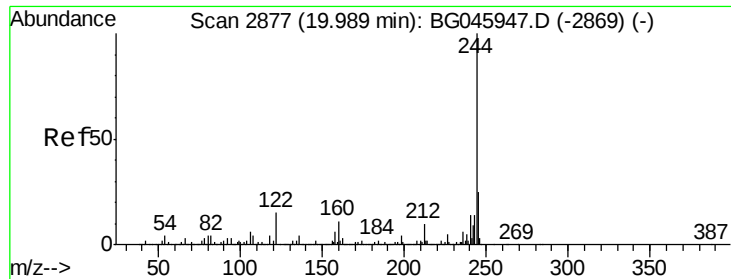
Acq: 14 Jul 2020 21:49

Tgt Ion:	202	Resp:	1928446
Ion Ratio	Lower	Upper	
202	100		
200	25.5	20.1	30.1
203	21.7	16.5	24.7



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





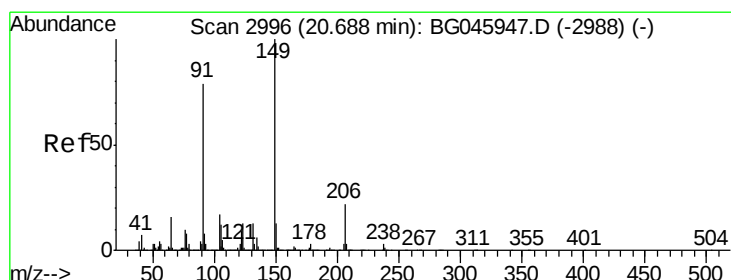
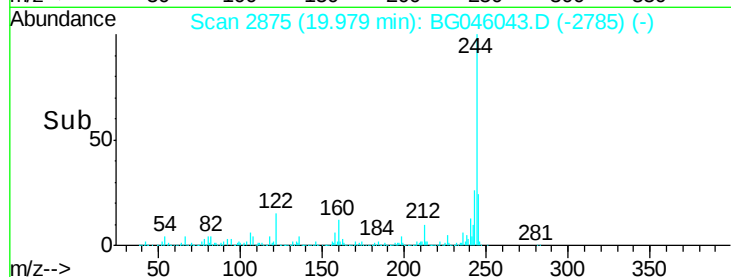
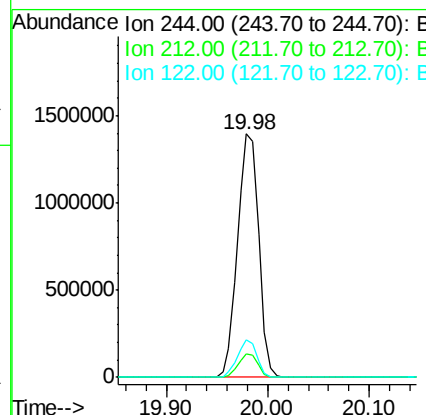
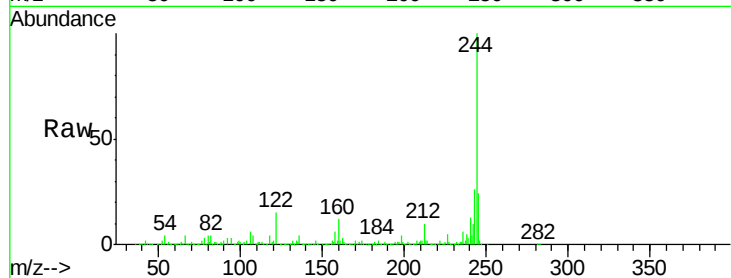
#79
 Terphenyl-d14
 Concen: 76.470 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.3	12.5
122	15.3	12.1	18.1

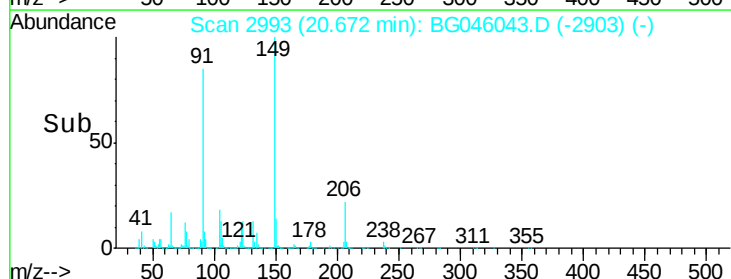
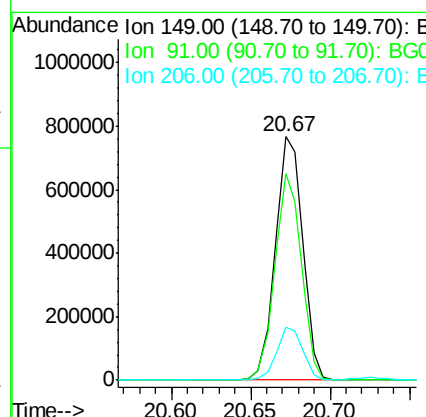
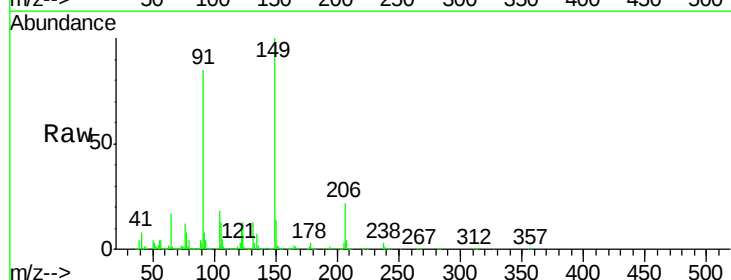
Manual Integrations
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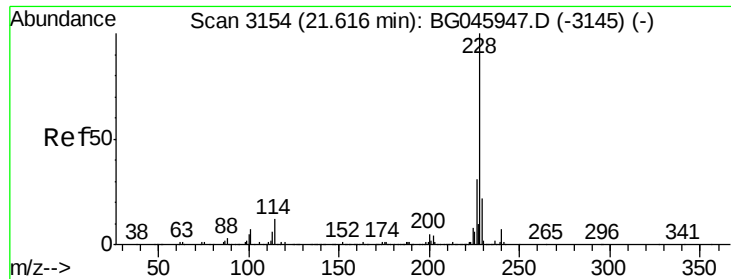
mohammad
 7/15/2020 11:01:39 AM



#80
 Butylbenzylphthalate
 Concen: 48.610 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.7	63.1	94.7
206	21.6	17.4	26.0





#81

Benzo(a)anthracene

Concen: 45.791 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

Tot Ion:228 Resp: 1770247

Ion Ratio Lower Upper

228 100

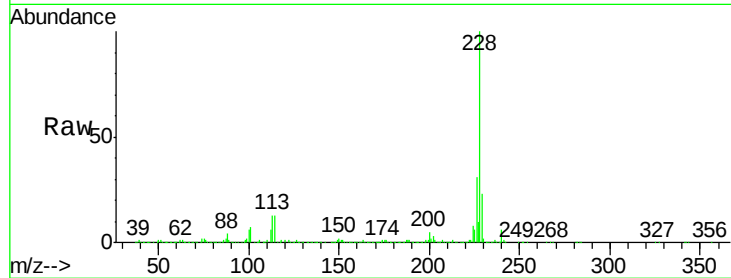
226 31.4 24.8 37.2

229 22.7 17.8 26.8

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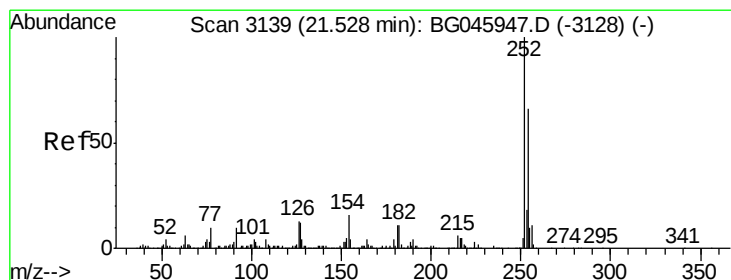
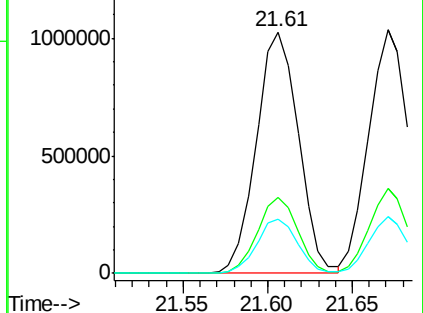
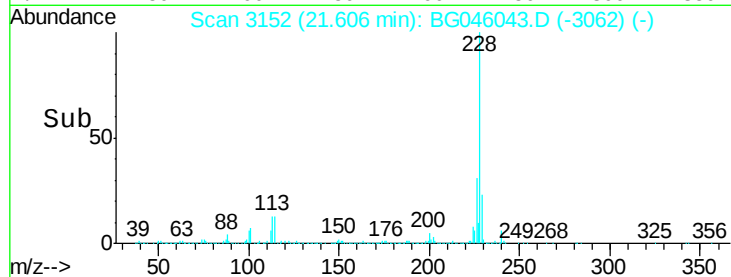
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.904 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

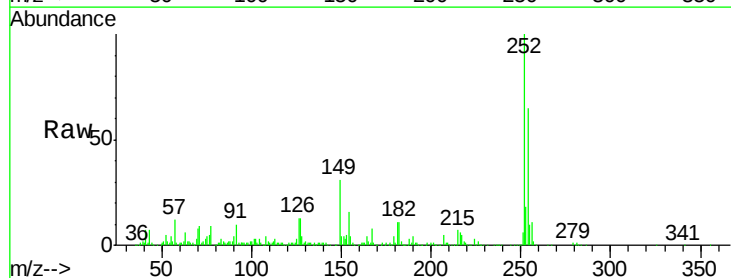
Tgt Ion:252 Resp: 355764

Ion Ratio Lower Upper

252 100

254 64.7 52.9 79.3

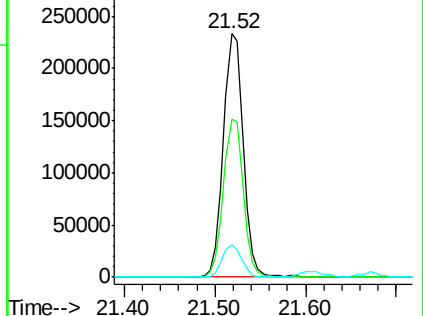
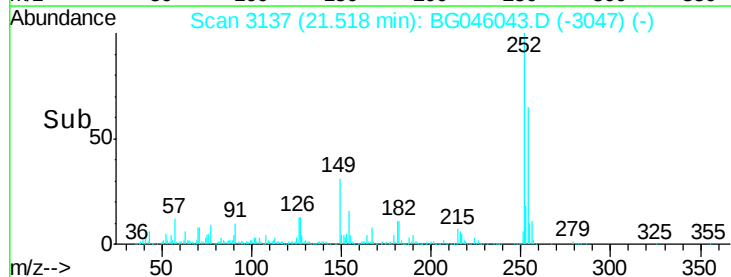
126 13.4 10.4 15.6



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





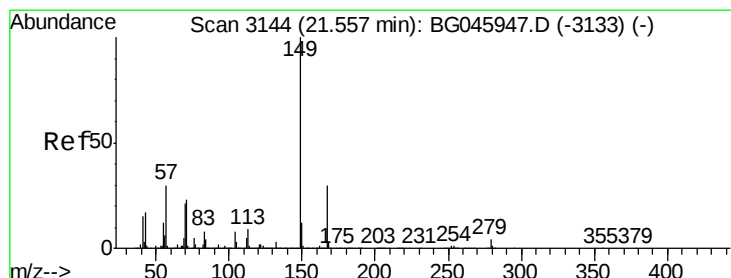
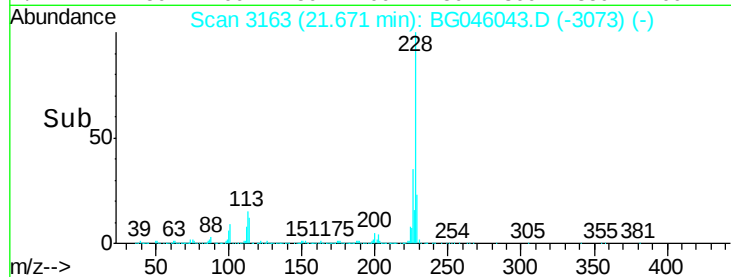
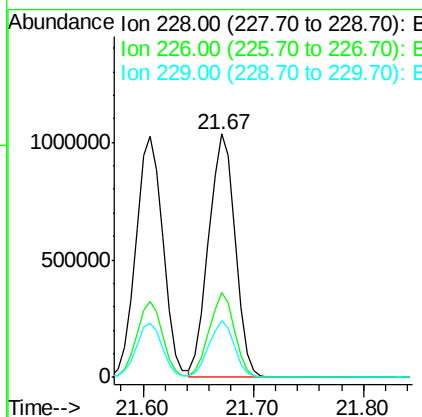
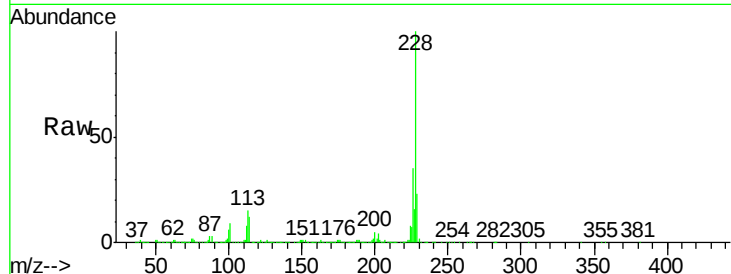
#83
 Chrvsene
 Concen: 46.206 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.8	26.7	40.1
229	23.1	17.3	25.9

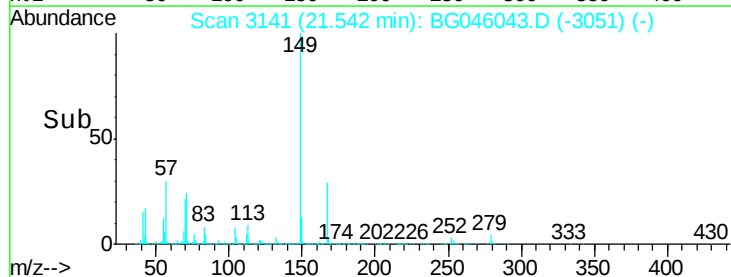
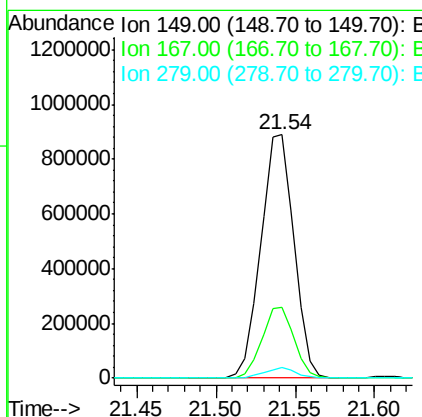
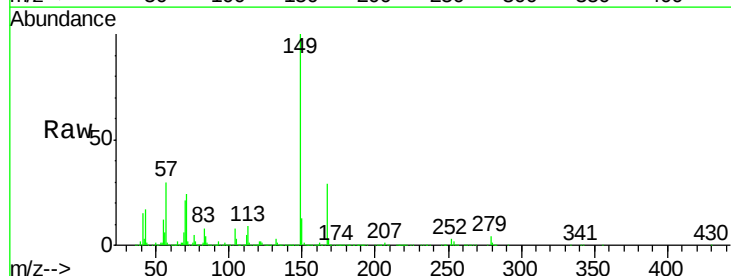
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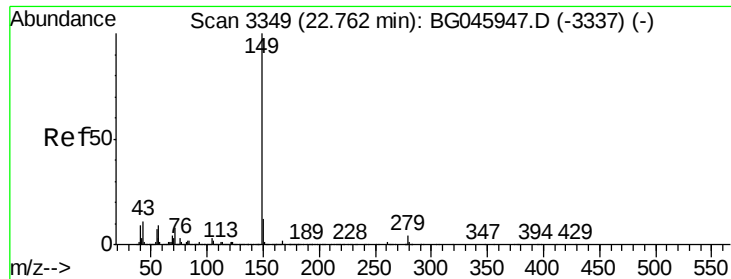
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.035 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.8	35.8
279	4.4	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 46.021 ng

RT: 22.73 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MS

Tot Ion:149 Resp: 2198595

Ion Ratio Lower Upper

149 100

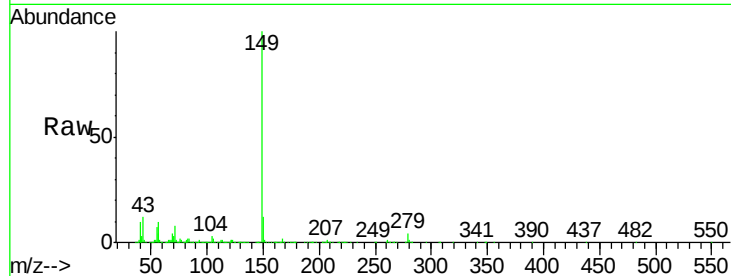
167 1.8 1.4 2.0

43 10.9 8.6 12.8

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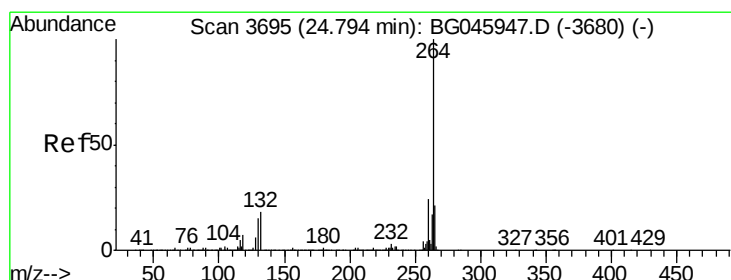
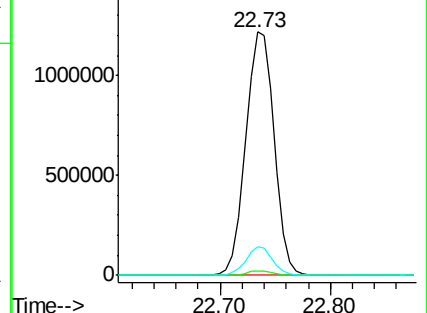
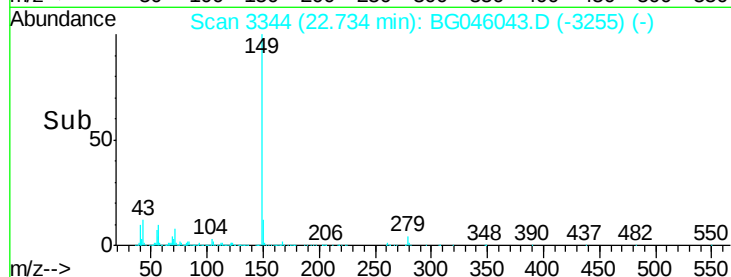
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG046043.D

Acq: 14 Jul 2020 21:49

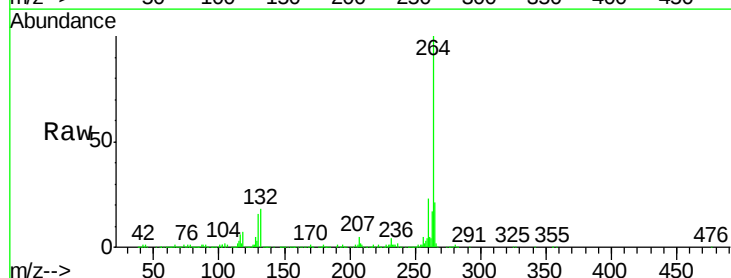
Tgt Ion:264 Resp: 599880

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

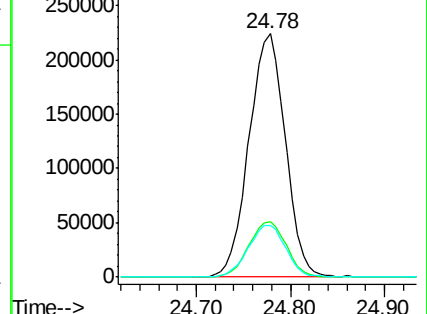
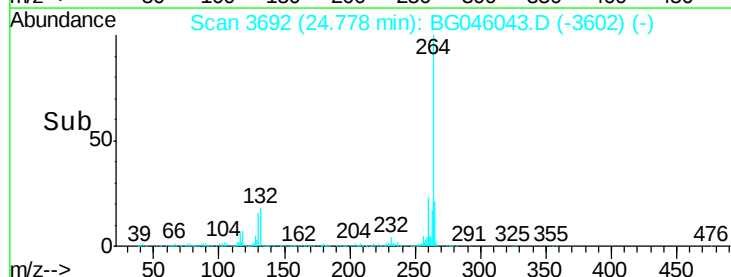
265 21.4 16.9 25.3

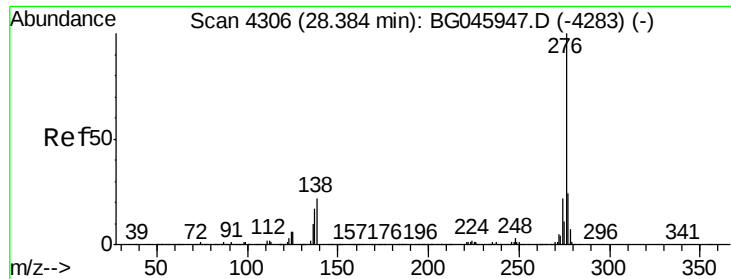


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





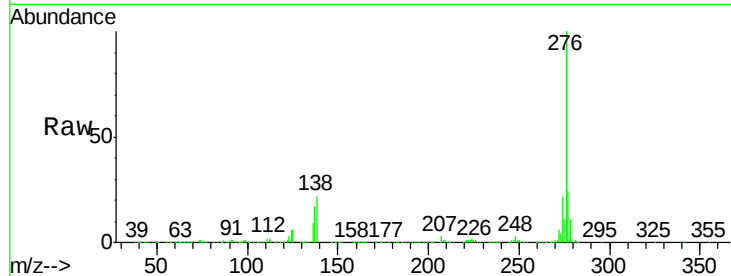
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.325 ng
 RT: 28.36 min Scan# 4302
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.4	24.6
277	25.7	20.6	31.0

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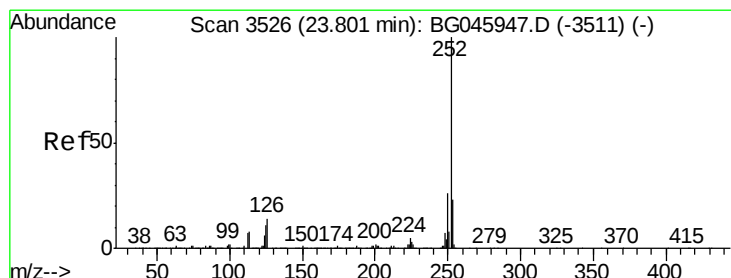
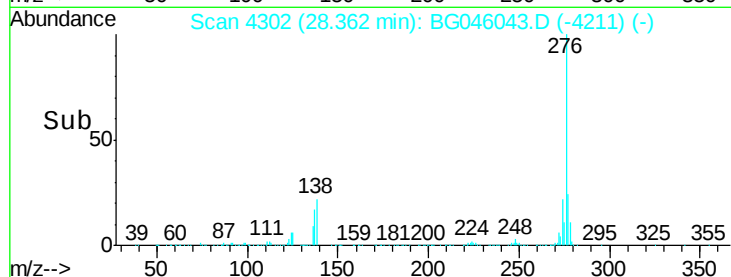
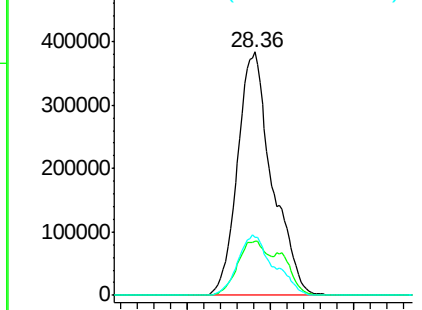


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 49.031 ng
 RT: 23.79 min Scan# 3523
 Delta R.T. 0.00 min
 Lab File: BG046043.D
 Acq: 14 Jul 2020 21:49

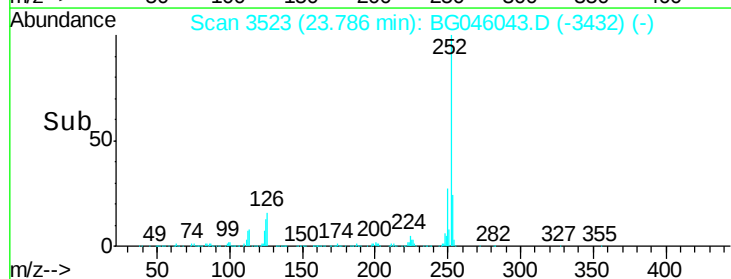
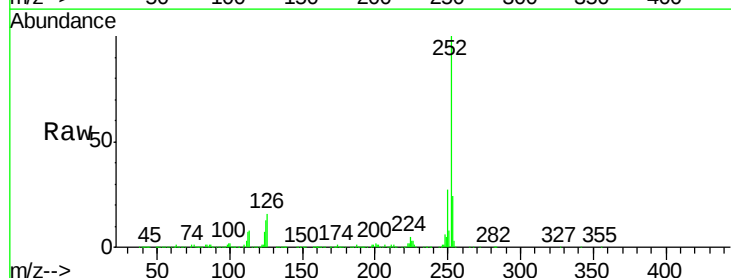
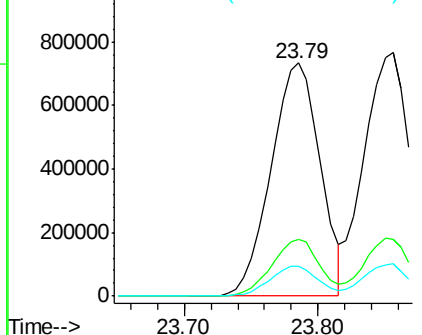
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	12.8	9.2	13.8

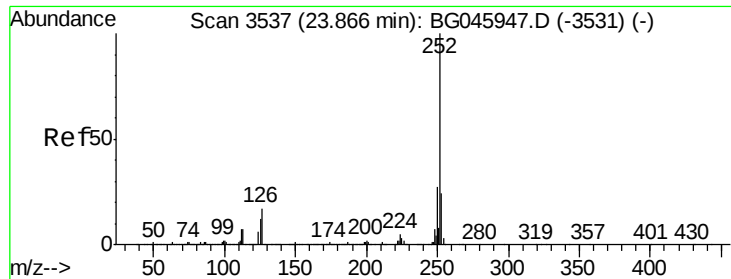
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





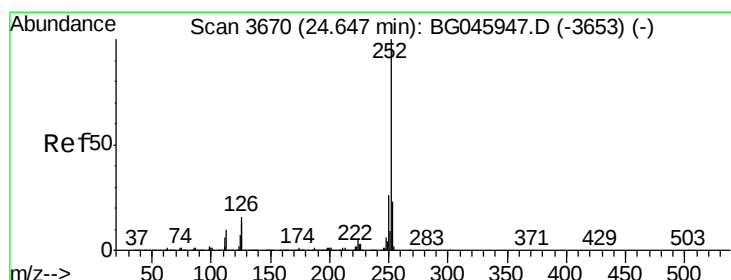
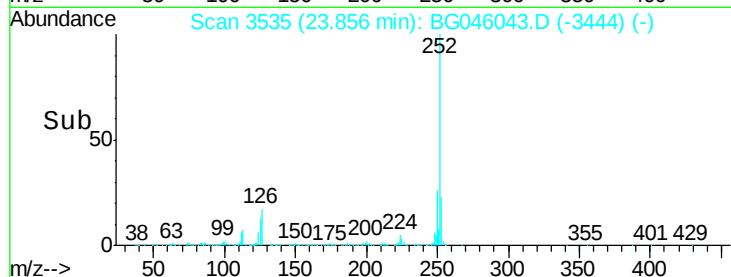
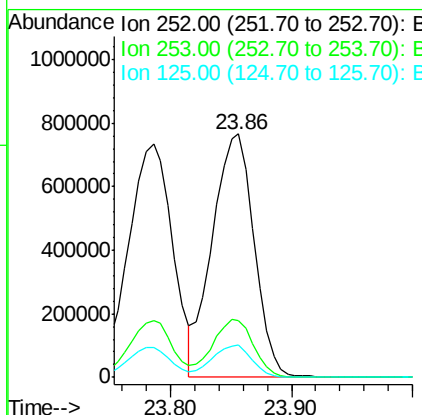
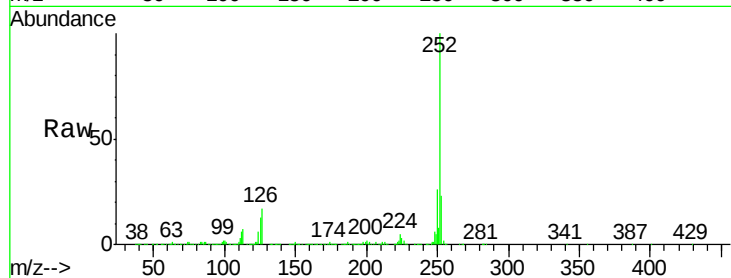
#89
Benzo(k)fluoranthene
Concen: 50.813 ng
RT: 23.86 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	13.1	9.6	14.4

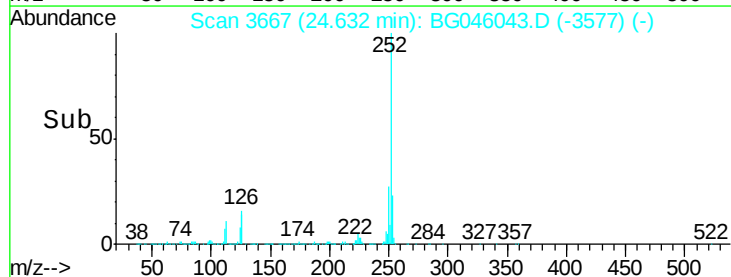
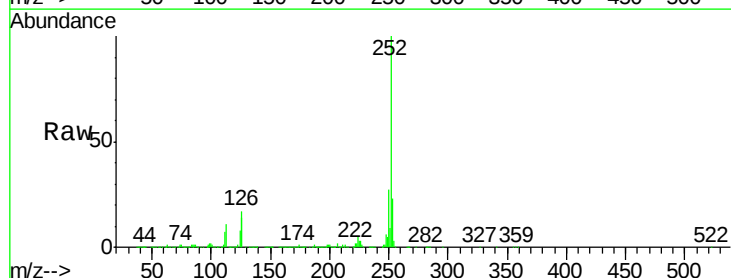
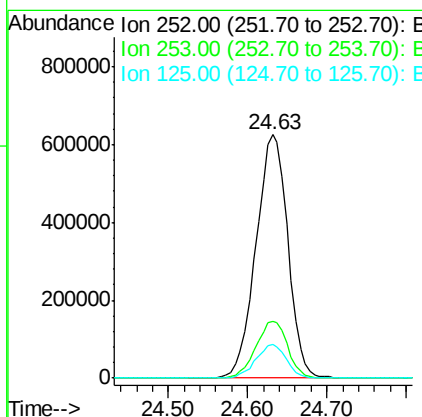
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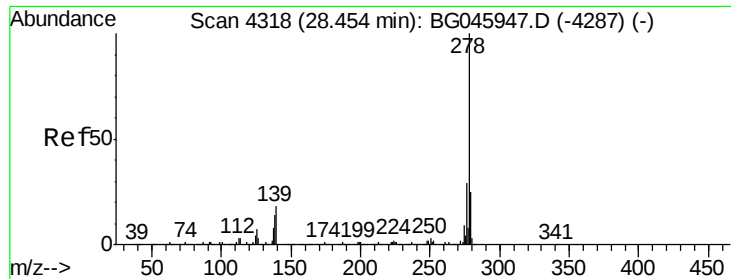
mohammad
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#90
Benzo(a)pyrene
Concen: 48.939 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	13.9	10.5	15.7





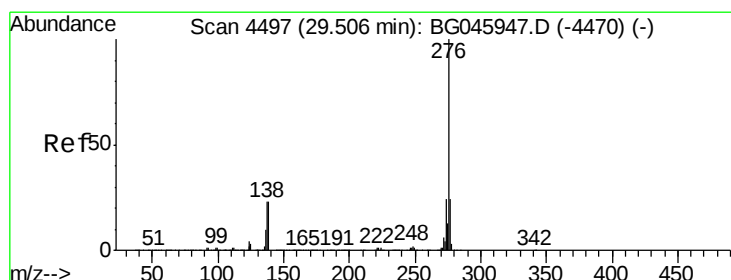
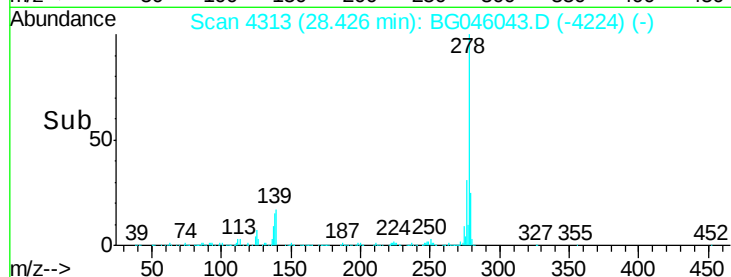
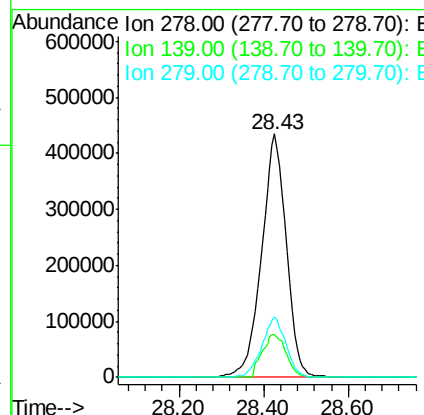
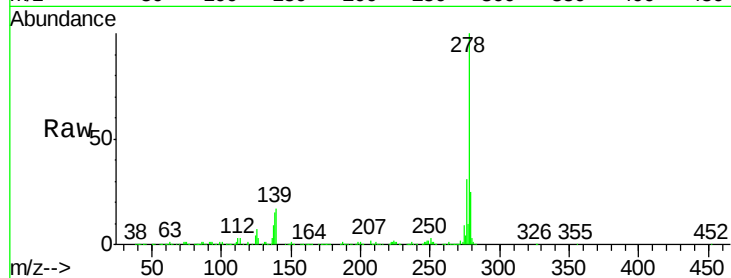
#91
Dibenzo(a,h)anthracene
Concen: 50.102 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.01 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.3	21.5
279	24.9	19.8	29.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.883 ng
RT: 29.47 min Scan# 4491
Delta R.T. -0.00 min
Lab File: BG046043.D
Acq: 14 Jul 2020 21:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	25.9	18.6	28.0

