

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046044.D
 Acq On : 14 Jul 2020 22:30
 Operator : CG/JU
 Sample : L3181-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MSD

Manual Integrations
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mohammad
 7/15/2020 11:01:43 AM

Quant Time: Jul 15 01:15:35 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	111313	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	446724	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	272944	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	593228	20.00	ng	0.00
76) Chrysene-d12	21.62	240	536607	20.00	ng	0.00
86) Perylene-d12	24.77	264	547363	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	876816	127.74	ng	0.00
7) Phenol-d6	7.17	99	1104865	111.80	ng	0.00
23) Nitrobenzene-d5	9.15	82	823981	106.17	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	353478	139.54	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1439853	82.28	ng	0.00
79) Terphenyl-d14	19.98	244	1992023	82.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	151034	47.693	ng	# 41
3) Pyridine	3.91	79	435034	45.432	ng	98
4) n-Nitrosodimethylamine	3.81	42	184714	57.047	ng	# 96
6) Aniline	7.33	93	271234	21.455	ng	98
8) 2-Chlorophenol	7.57	128	418085	56.582	ng	100
9) Benzaldehyde	7.14	77	138456	22.113	ng	94
10) Phenol	7.20	94	477800	48.198	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	438881	53.539	ng	98
12) 1,3-Dichlorobenzene	7.90	146	432473	50.778	ng	99
13) 1,4-Dichlorobenzene	8.04	146	429988	51.322	ng	96
14) 1,2-Dichlorobenzene	8.35	146	419338	52.004	ng	100
15) Benzyl Alcohol	8.24	79	415525	53.626	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	570787	53.368	ng	98
17) 2-Methylphenol	8.45	107	373881	50.264	ng	96
18) Hexachloroethane	9.09	117	165567	51.359	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	370526	53.371	ng	98
20) 3+4-Methylphenols	8.77	107	492577	48.589	ng	98
22) Acetophenone	8.82	105	617961	51.781	ng	99
24) Nitrobenzene	9.20	77	530086	61.880	ng	99
25) Isophorone	9.72	82	968722	51.128	ng	100
26) 2-Nitrophenol	9.91	139	206882	74.094	ng	98
27) 2,4-Dimethylphenol	9.98	122	365409	54.182	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	579995	54.513	ng	98
29) 2,4-Dichlorophenol	10.45	162	379461	54.353	ng	100
30) 1,2,4-Trichlorobenzene	10.66	180	387251	50.061	ng	100
31) Naphthalene	10.85	128	1224936	51.150	ng	99
32) Benzoic acid	10.06	122	36791	14.228	ng	97
33) 4-Chloroaniline	10.95	127	40247	3.761	ng	98
34) Hexachlorobutadiene	11.15	225	217266	48.103	ng	99
35) Caprolactam	11.71	113	120105m	45.311	ng	
36) 4-Chloro-3-methylphenol	12.08	107	437882	55.068	ng	99
37) 2-Methylnaphthalene	12.45	142	879234	51.648	ng	99
38) 1-Methylnaphthalene	12.67	142	847534	52.753	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	377483	49.061	ng	98

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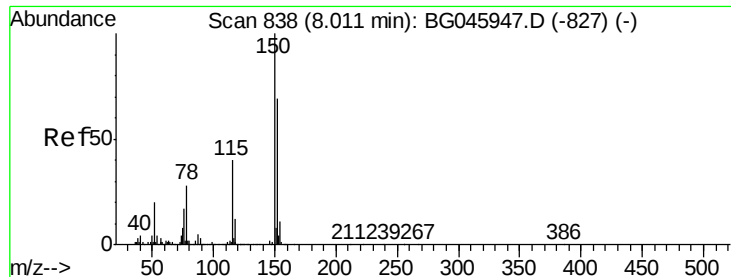
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	435974	95.495	nq	97
43) 2,4,6-Trichlorophenol	13.06	196	291453	56.011	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	302127	51.352	nq	98
46) 1,1'-Biphenyl	13.46	154	1061579	51.702	nq	99
47) 2-Chloronaphthalene	13.50	162	813545	50.218	nq	100
48) 2-Nitroaniline	13.69	65	307570	66.338	nq	99
49) Acenaphthylene	14.35	152	1321410	50.555	nq	99
50) Dimethylphthalate	14.08	163	1072712	52.369	nq	100
51) 2,6-Dinitrotoluene	14.19	165	239050	64.058	nq	94
52) Acenaphthene	14.69	154	866675	52.568	nq	97
53) 3-Nitroaniline	14.52	138	89597	21.675	nq	# 91
54) 2,4-Dinitrophenol	14.72	184	85490	63.721	nq	# 86
55) Dibenzofuran	15.02	168	1214015	50.234	nq	99
56) 4-Nitrophenol	14.83	139	406518	121.813	nq	96
57) 2,4-Dinitrotoluene	14.98	165	328548	68.071	nq	96
58) Fluorene	15.67	166	1012802	51.086	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	268446m	59.097	nq	
60) Diethylphthalate	15.45	149	1096938	51.063	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	480507	48.717	nq	99
62) 4-Nitroaniline	15.69	138	269774	63.722	nq	97
63) Azobenzene	15.96	77	1232435	53.453	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	103641	50.352	nq	93
66) n-Nitrosodiphenylamine	15.88	169	924428	50.287	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	315385	47.602	nq	97
68) Hexachlorobenzene	16.68	284	332397	49.995	nq	98
69) Atrazine	16.83	200	317411	58.400	nq	98
70) Pentachlorophenol	17.02	266	385800	104.369	nq	99
71) Phenanthrene	17.41	178	1604825	51.170	nq	98
72) Anthracene	17.50	178	1647383	51.760	nq	98
73) Carbazole	17.77	167	1621603	50.830	nq	99
74) Di-n-butylphthalate	18.34	149	1936992	50.245	nq	99
75) Fluoranthene	19.42	202	1939153	53.486	nq	99
77) Benzidine	19.59	184	384365	25.052	nq	98
78) Pyrene	19.77	202	1922581	52.488	nq	98
80) Butylbenzylphthalate	20.67	149	926953	53.552	nq	95
81) Benzo(a)anthracene	21.61	228	1770110	50.168	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	316510	24.276	nq	98
83) Chrysene	21.67	228	1706736	50.775	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1296493	51.600	nq	99
85) Di-n-octyl phthalate	22.73	149	2189580	50.217	nq	100
87) Indeno(1,2,3-cd)pyrene	28.36	276	2173666	54.283	nq	99
88) Benzo(b)fluoranthene	23.79	252	1886012	54.278	nq	98
89) Benzo(k)fluoranthene	23.85	252	1784073	54.301	nq	99
90) Benzo(a)pyrene	24.63	252	1736697	53.152	nq	99
91) Dibenzo(a,h)anthracene	28.43	278	1741858	53.932	nq	99
92) Benzo(g,h,i)perylene	29.47	276	1752167	53.909	nq	98

(#) = 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: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

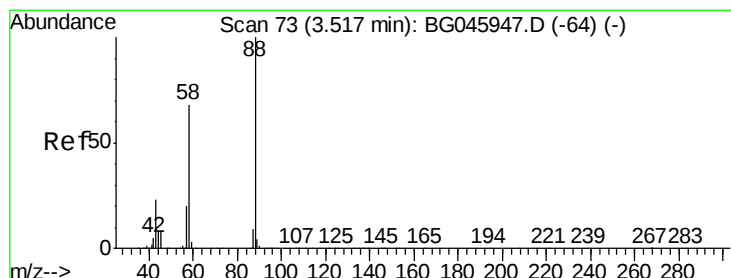
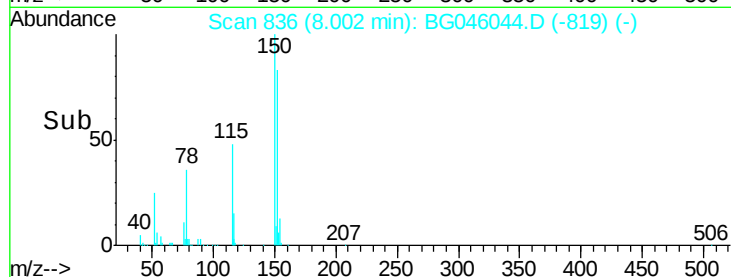
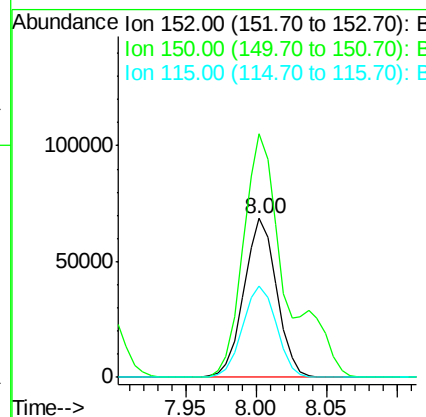
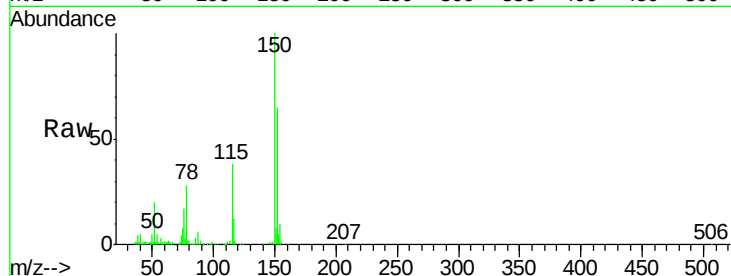
ClientSampleId :

CL-02-070920MSD

Tot Ion:	152	Resp:	111313
Ion Ratio	Lower	Upper	
152	100		
150	153.6	116.7	175.1
115	57.8	47.4	71.0

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#2

1,4-Dioxane

Concen: 47.693 ng

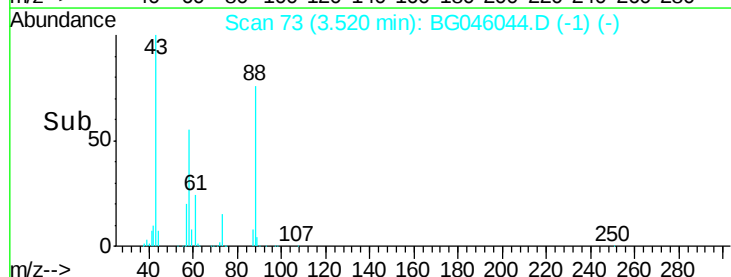
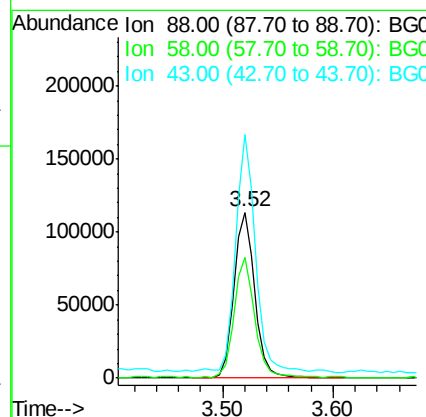
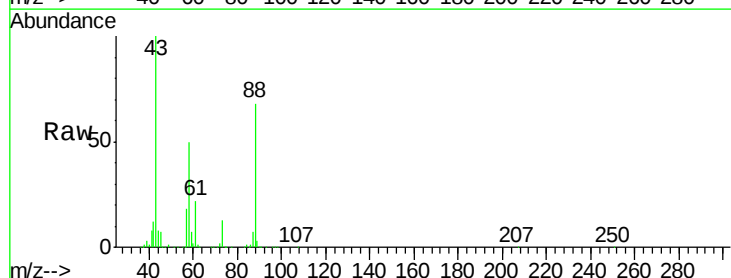
RT: 3.52 min Scan# 73

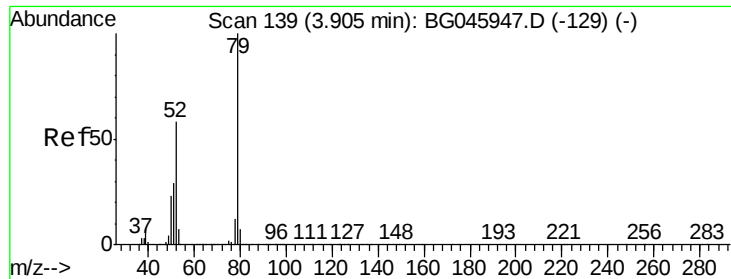
Delta R.T. 0.01 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	88	Resp:	151034
Ion Ratio	Lower	Upper	
88	100		
58	70.8	55.2	82.8
43	133.8	19.4	29.0





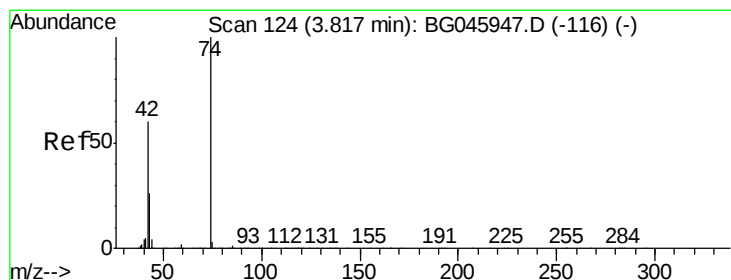
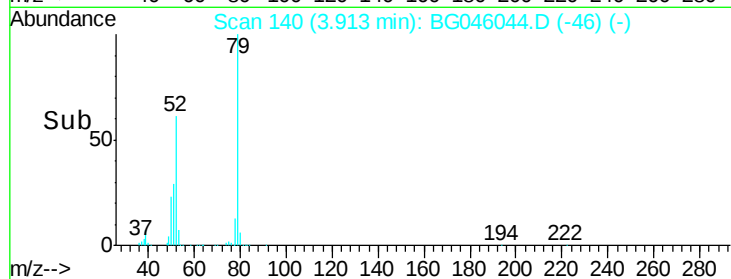
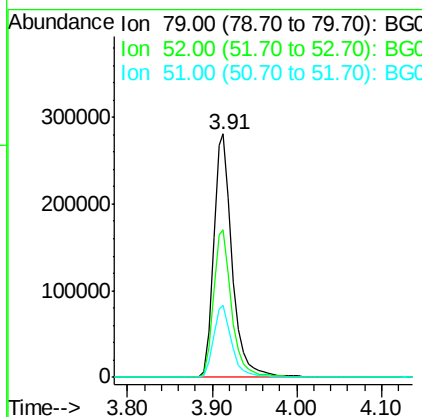
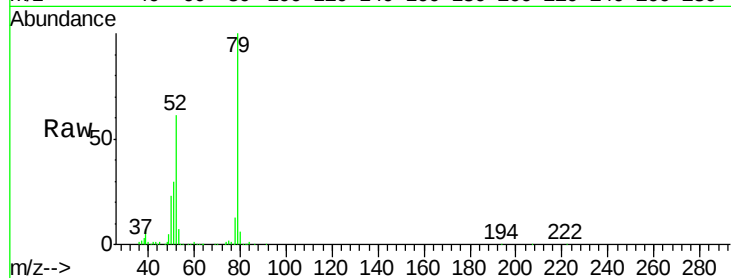
#3
 Pvridine
 Concen: 45.432 ng
 RT: 3.91 min Scan# 140
 Delta R.T. 0.02 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.5	46.5	69.7
51	29.7	23.5	35.3

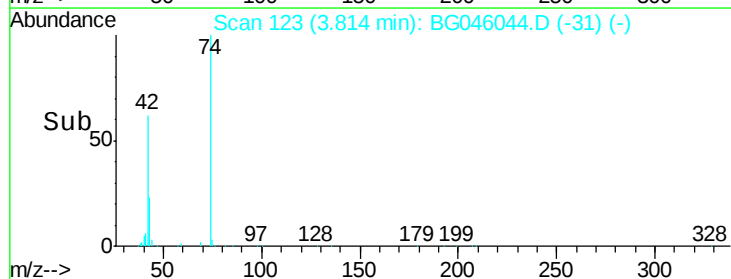
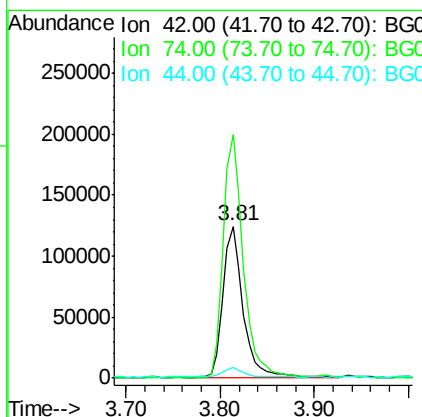
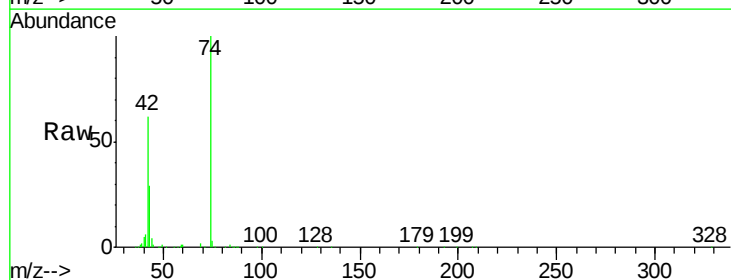
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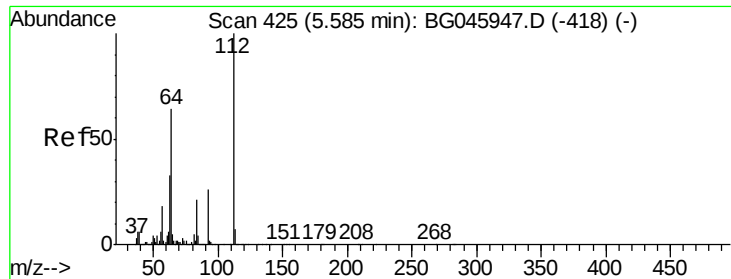
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#4
 n-Nitrosodimethylamine
 Concen: 57.047 ng
 RT: 3.81 min Scan# 123
 Delta R.T. 0.01 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.5	131.9	197.9
44	6.9	7.7	11.5#





#5

2-Fluorophenol

Concen: 127.739 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

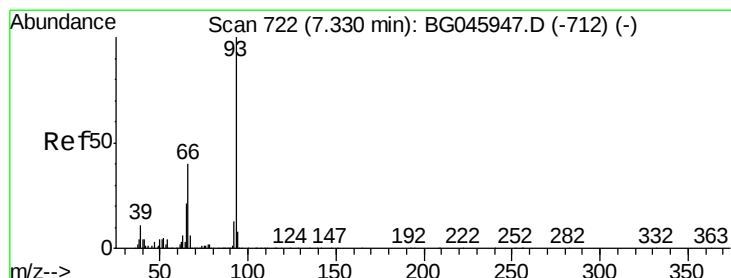
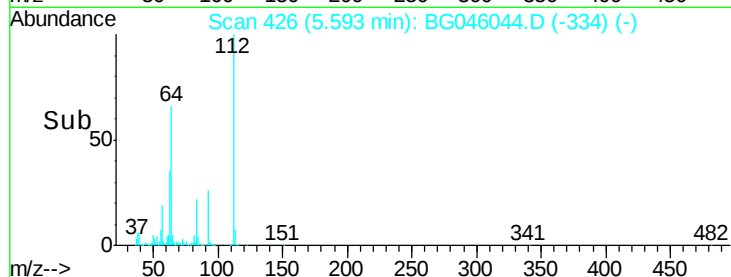
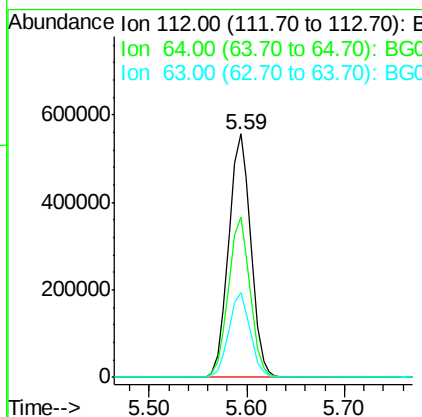
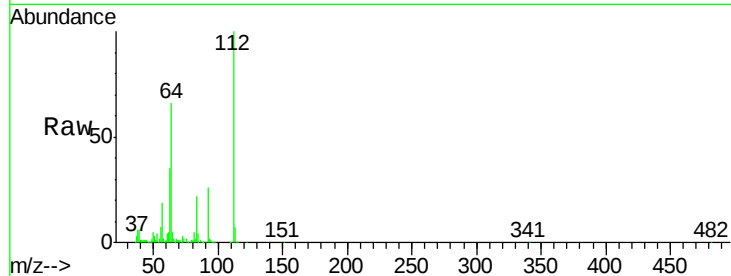
ClientSampleId :

CL-02-070920MSD

Tot Ion:	112	Resp:	876816
Ion Ratio	Lower	Upper	
112	100		
64	65.9	51.4	77.2
63	34.9	26.6	40.0

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#6

Aniline

Concen: 21.455 ng

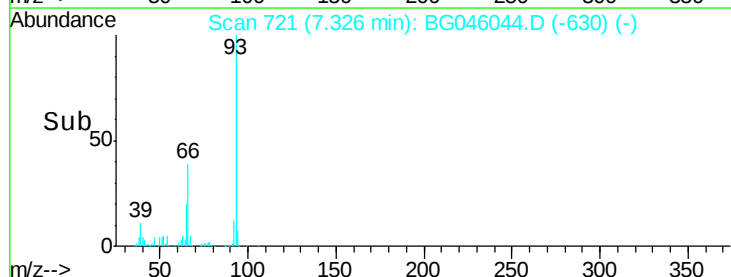
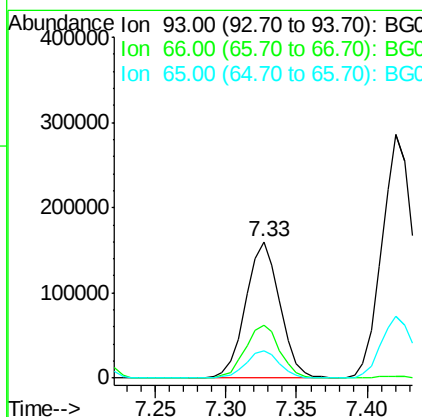
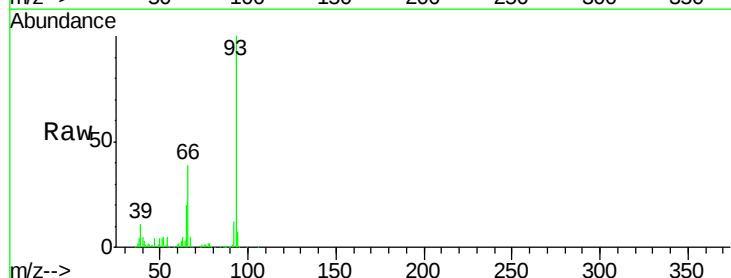
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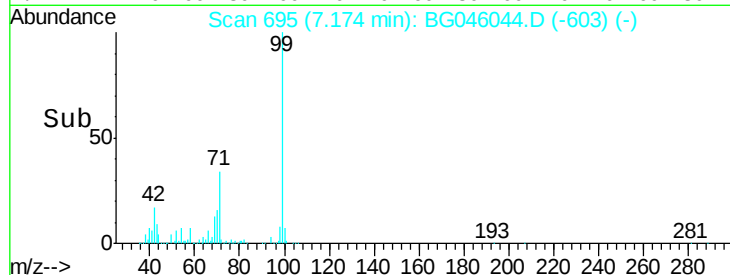
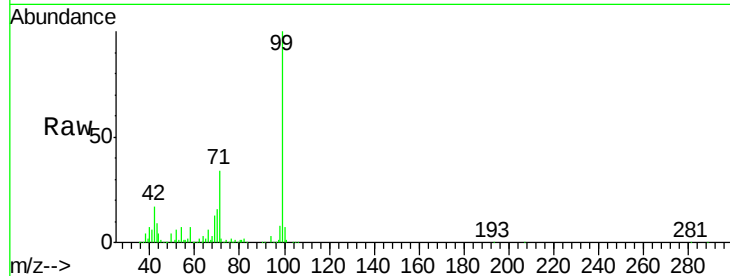
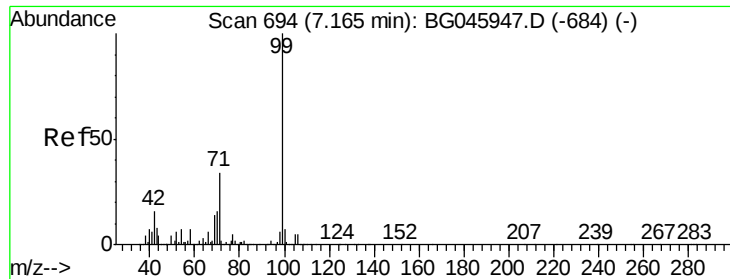
Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	93	Resp:	271234
Ion Ratio	Lower	Upper	
93	100		
66	39.2	32.3	48.5
65	20.2	16.6	25.0





#7

Phenol-d6

Concen: 111.802 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tot Ion:	99	Resp:	1104865
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.0	19.4
71	33.7	27.5	41.3

Instrument :

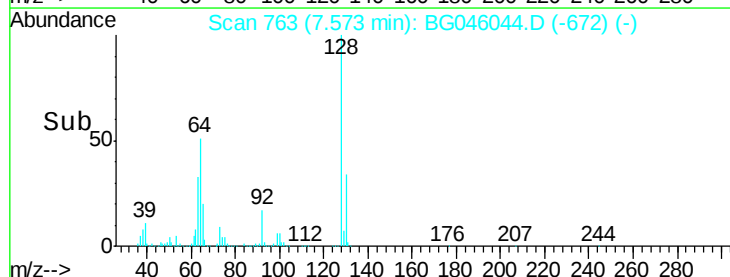
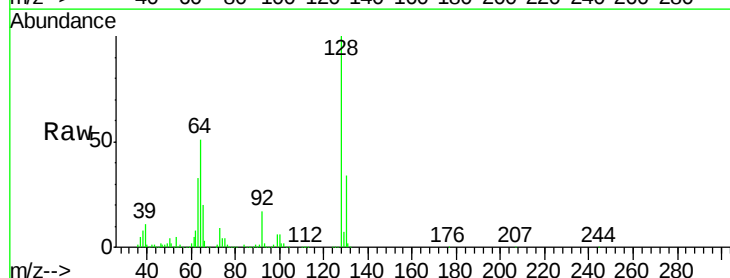
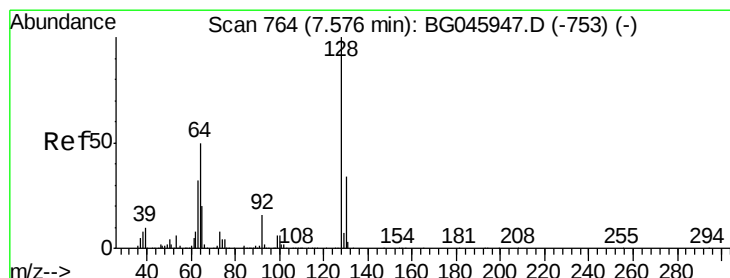
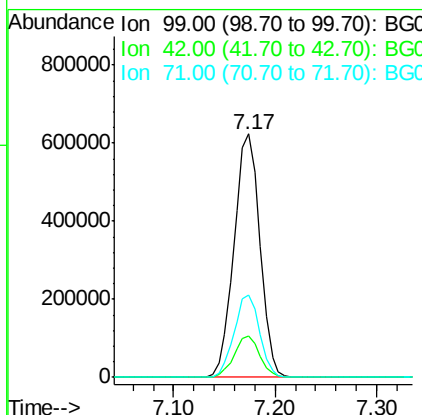
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#8

2-Chlorophenol

Concen: 56.582 ng

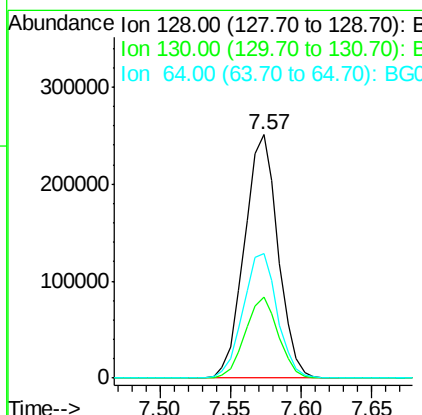
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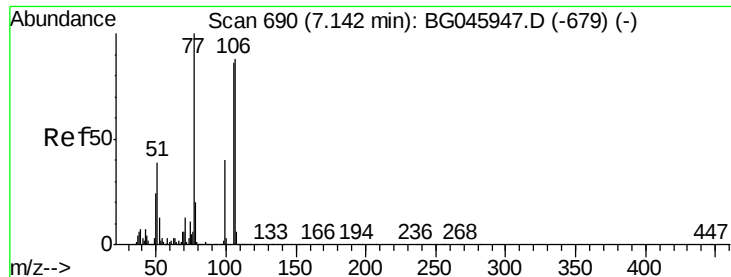
Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	128	Resp:	418085
Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.6	53.6
64	51.0	30.6	70.6





#9

Benzaldehyde

Concen: 22.113 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

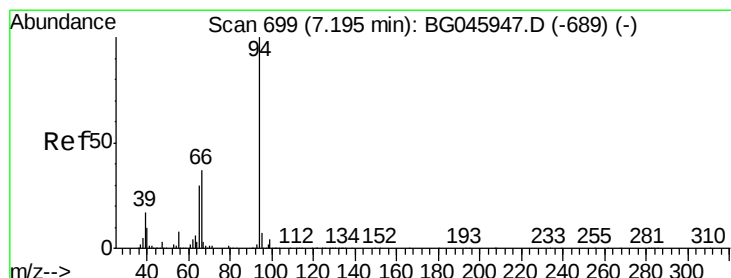
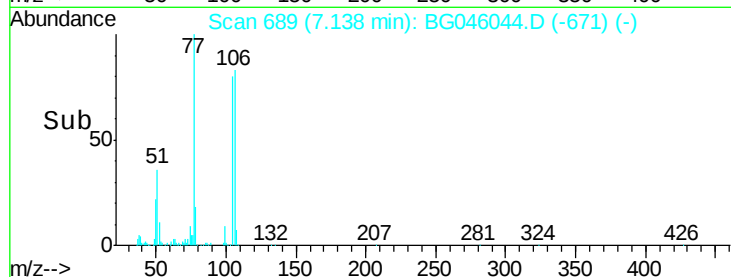
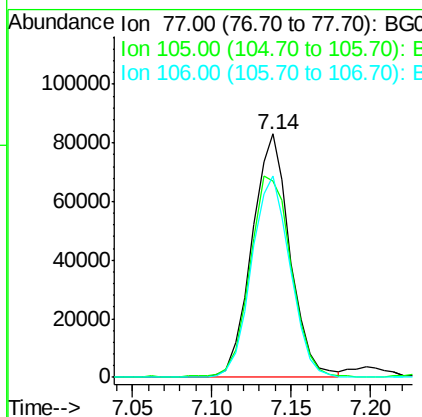
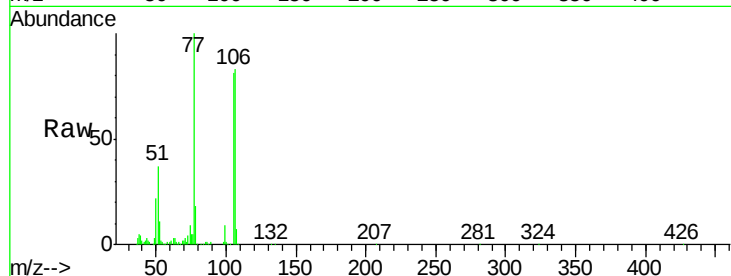
ClientSampleId :

CL-02-070920MSD

Tot Ion:	77	Resp:	138456
Ion Ratio	Lower	Upper	
77	100		
105	80.6	66.0	106.0
106	82.6	67.7	107.7

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#10

Phenol

Concen: 48.198 ng

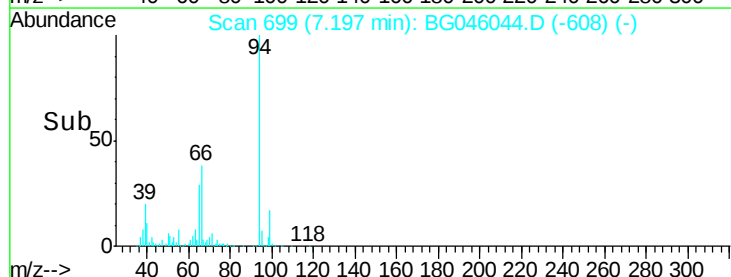
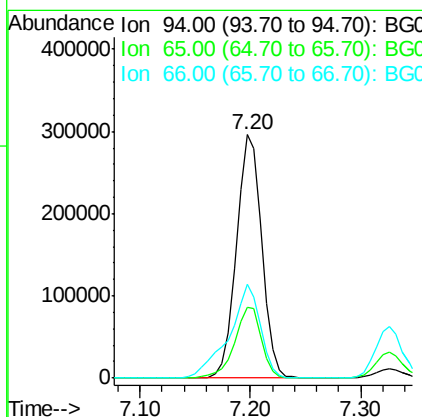
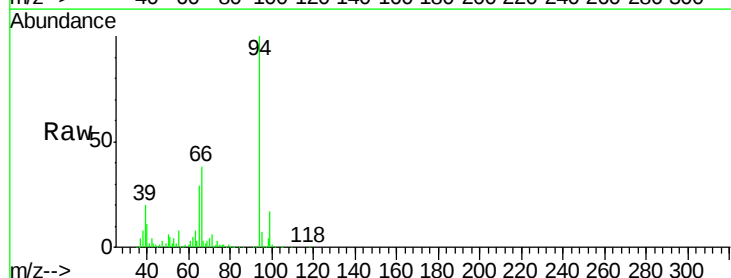
RT: 7.20 min Scan# 699

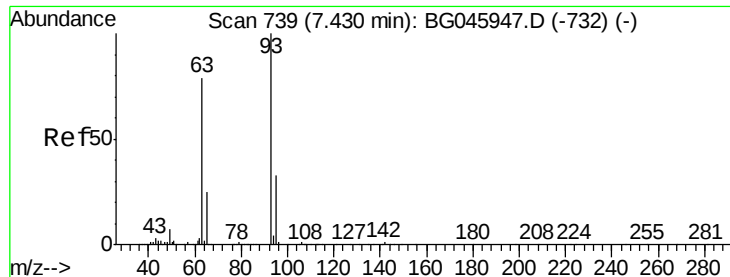
Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	94	Resp:	477800
Ion Ratio	Lower	Upper	
94	100		
65	28.9	10.6	50.6
66	38.4	17.1	57.1





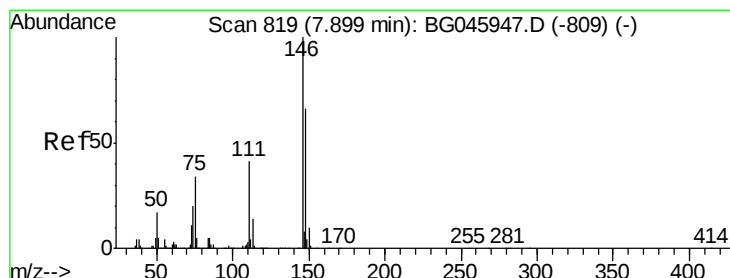
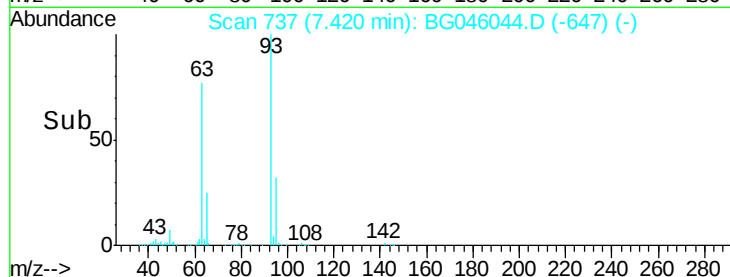
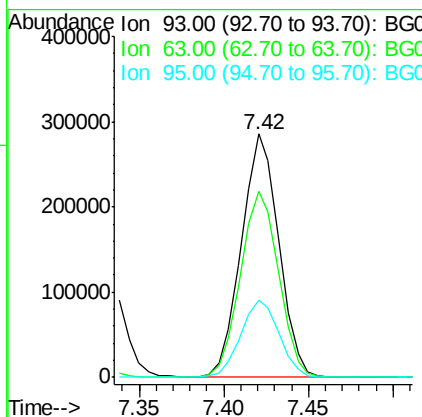
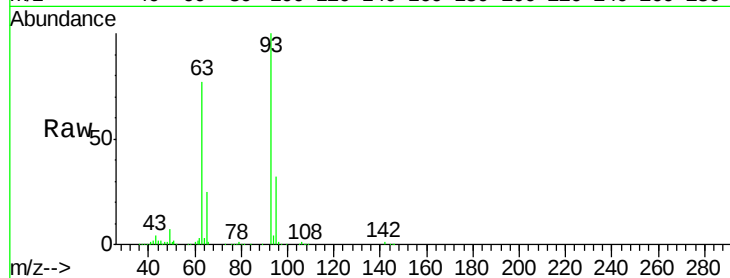
#11
bis(2-Chloroethyl)ether
Concen: 53.539 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion:	93	Resp:	438881
Ion Ratio	Lower	Upper	
93	100		
63	76.6	58.6	98.6
95	31.8	13.3	53.3

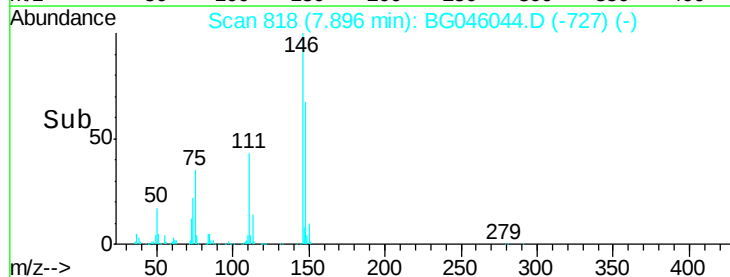
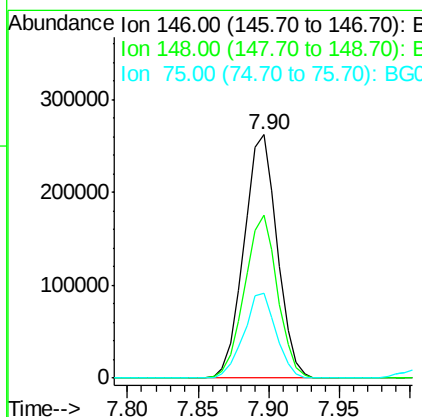
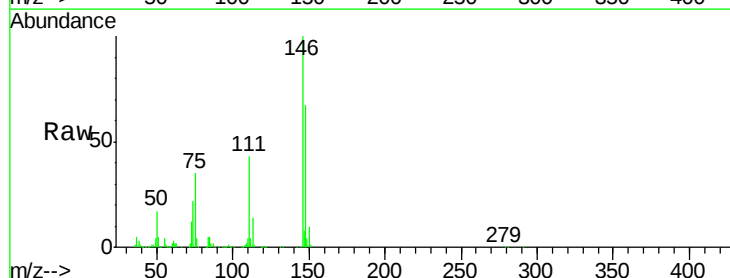
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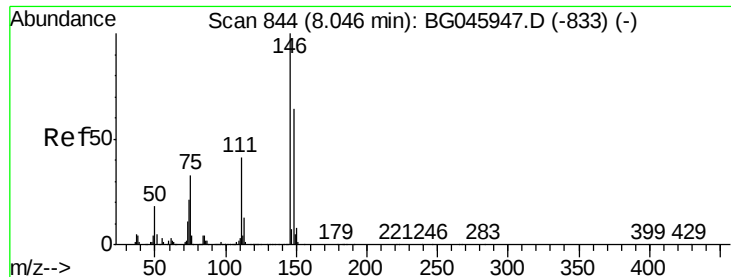
mohammad
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#12
1,3-Dichlorobenzene
Concen: 50.778 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion:	146	Resp:	432473
Ion Ratio	Lower	Upper	
146	100		
148	66.9	52.8	79.2
75	34.9	27.2	40.8





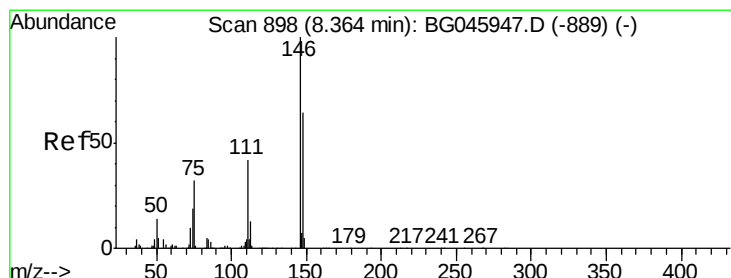
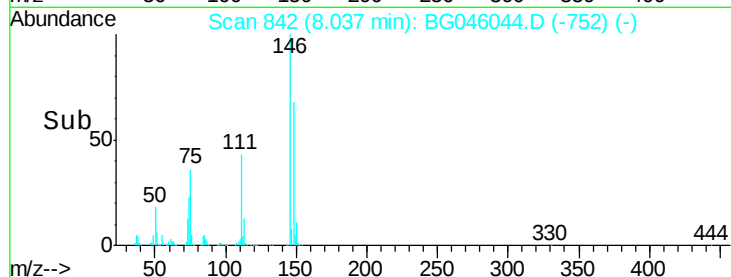
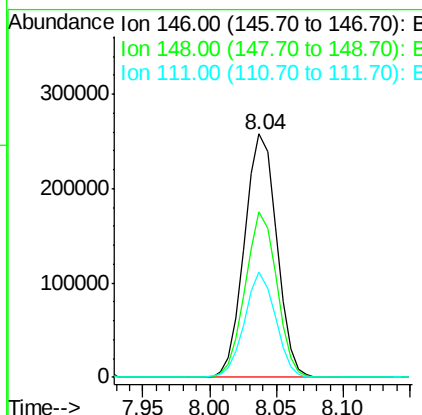
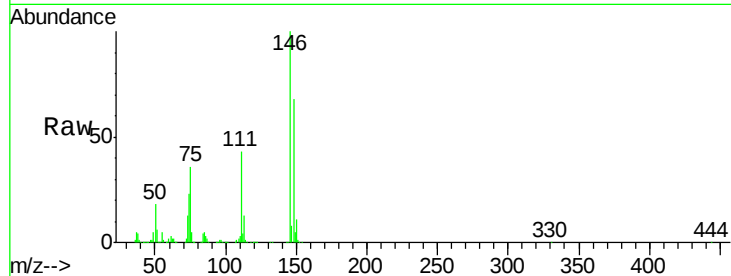
#13
 1,4-Dichlorobenzene
 Concen: 51.322 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.0	51.7	77.5
111	43.0	33.3	49.9

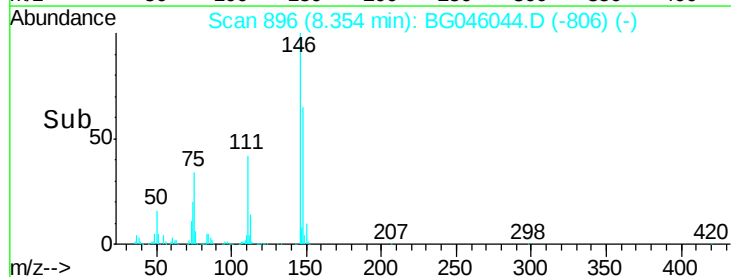
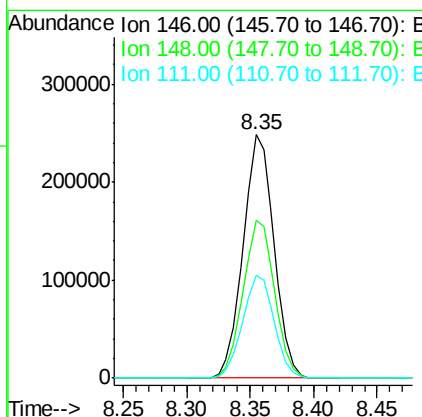
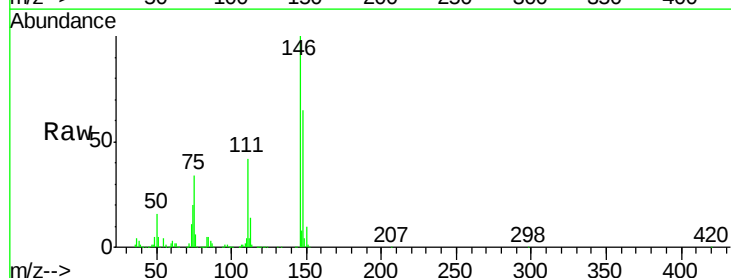
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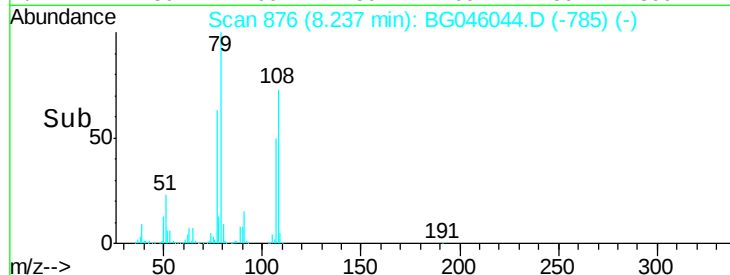
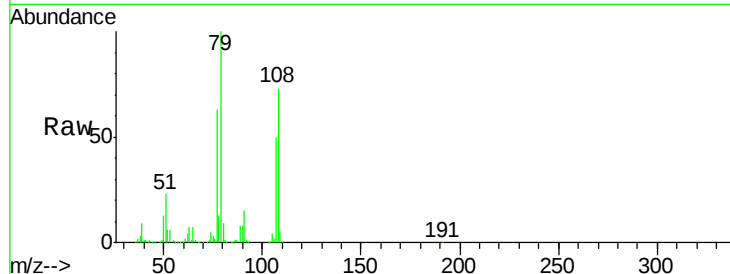
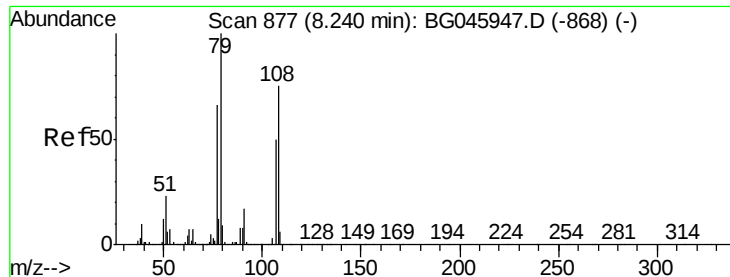
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#14
 1,2-Dichlorobenzene
 Concen: 52.004 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	42.4	34.0	51.0





#15

Benzyl Alcohol

Concen: 53.626 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	72.5	60.2	90.4		
77	63.3	52.9	79.3		

Instrument :

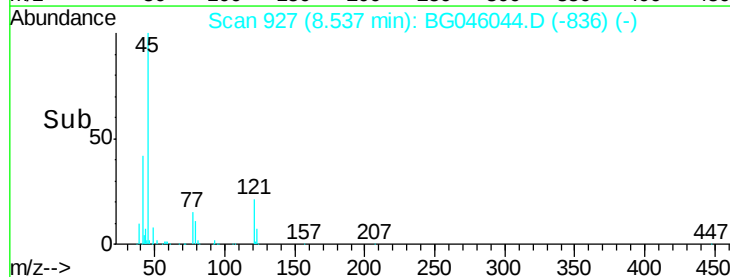
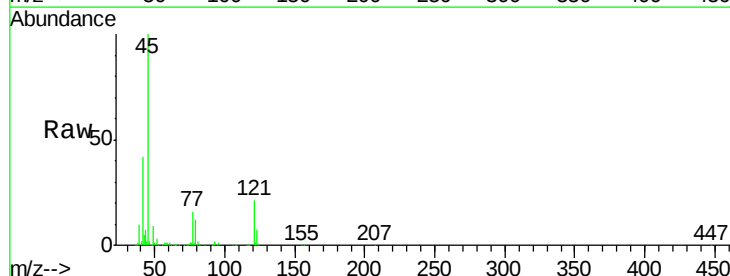
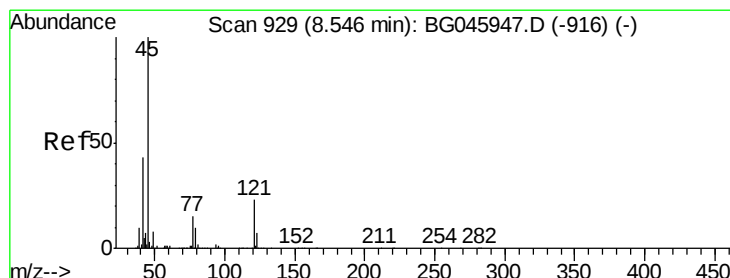
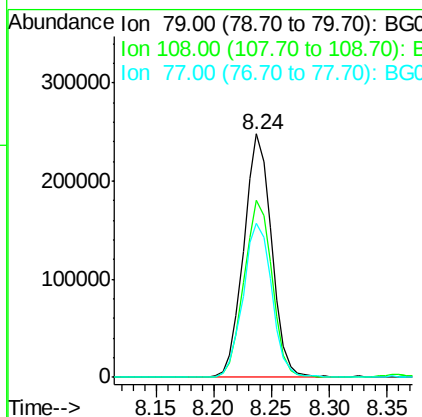
BNA_G

ClientSampleId :

CL-02-070920MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.368 ng

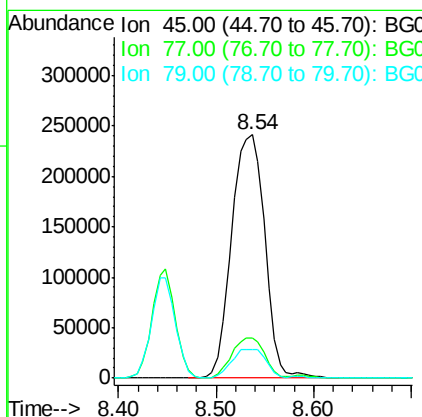
RT: 8.54 min Scan# 927

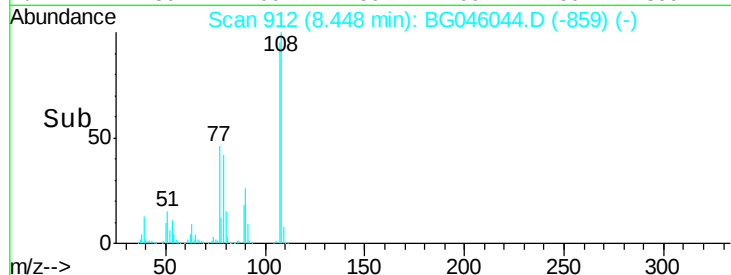
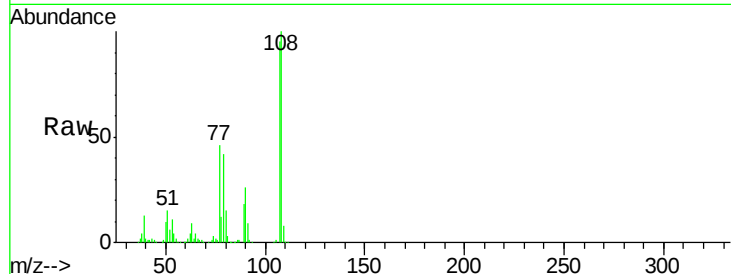
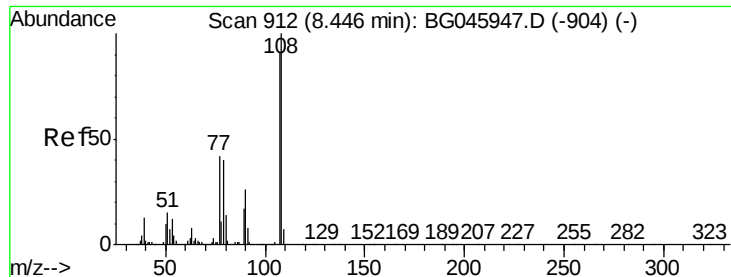
Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	16.4	0.0	37.6		
79	11.9	0.0	32.6		





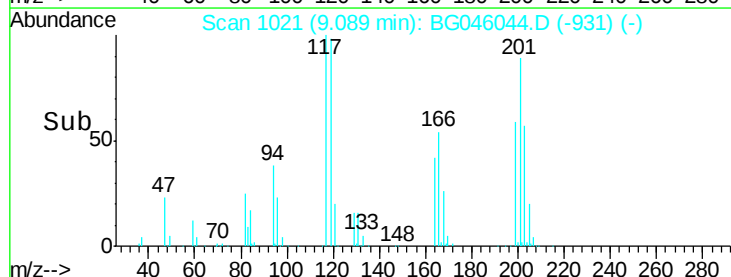
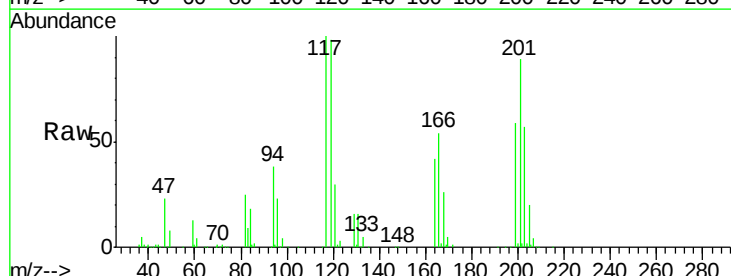
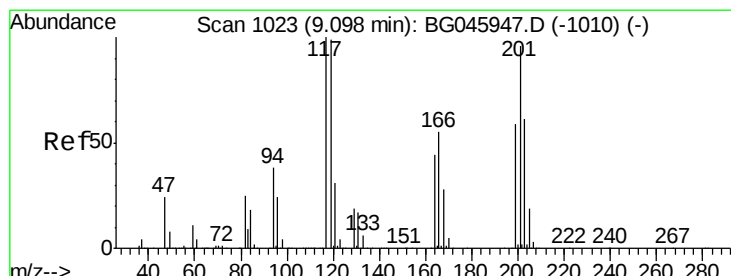
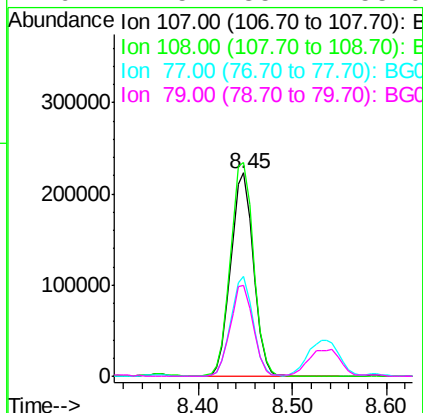
#17
2-Methylphenol
Concen: 50.264 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.2	88.2	132.4	
77	48.9	37.0	55.4	
79	44.5	35.4	53.0	

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

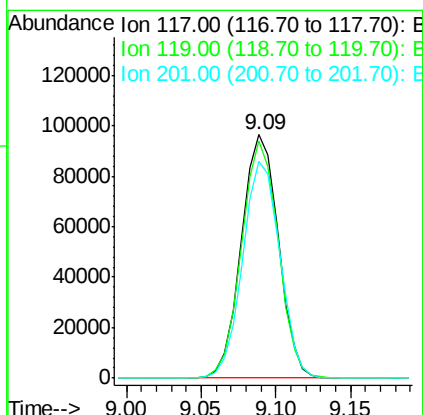
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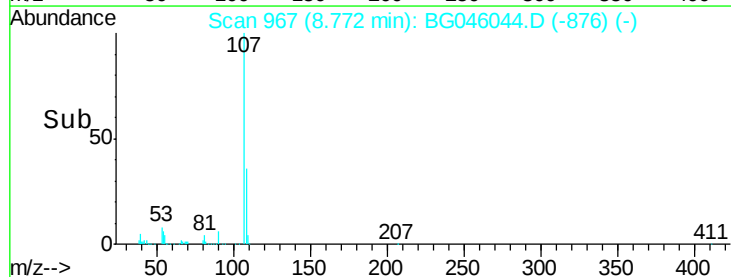
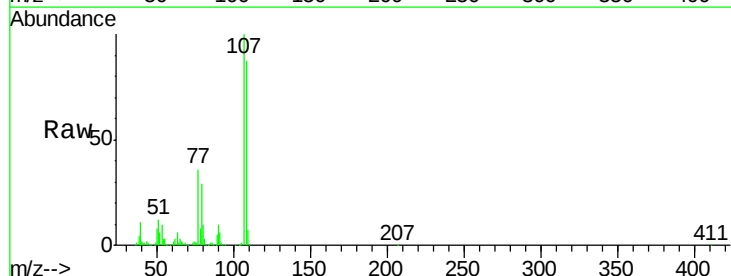
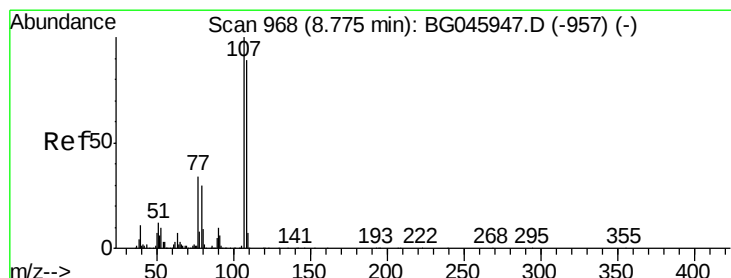
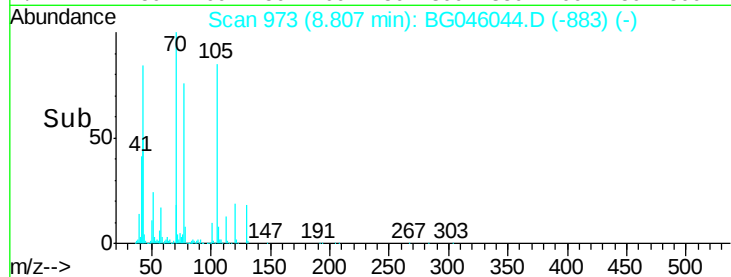
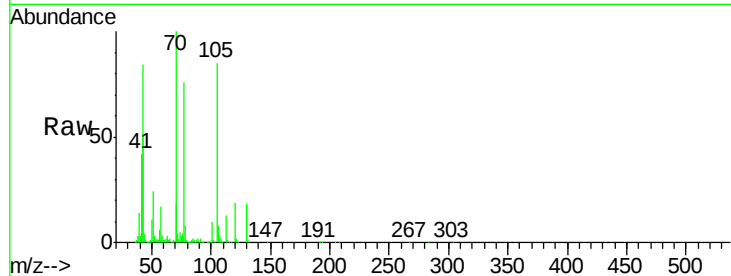
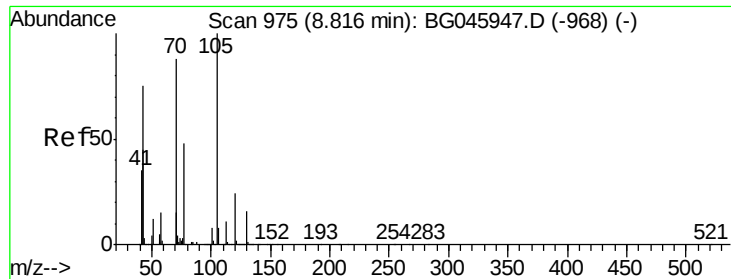
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#18
Hexachloroethane
Concen: 51.359 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

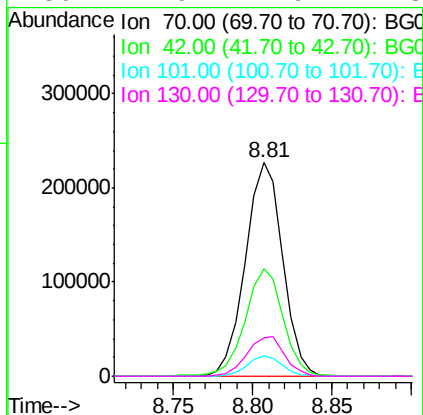
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	79.5	119.3	
201	88.9	77.0	115.4	





#19
n-Nitroso-di-n-propylamine
Concen: 53.371 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.2	41.4	62.0	
101	9.8	7.1	10.7	
130	17.9	14.9	22.3	



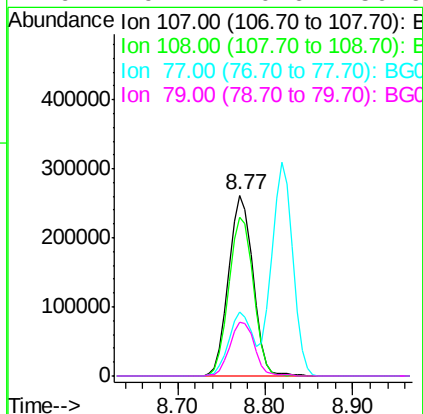
Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

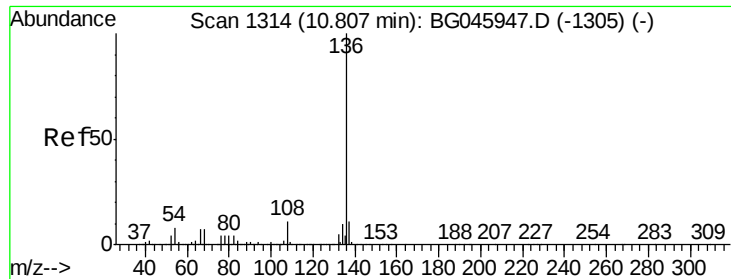
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#20
3+4-Methylphenols
Concen: 48.589 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	68.7	108.7	
77	35.7	14.6	54.6	
79	29.4	10.6	50.6	





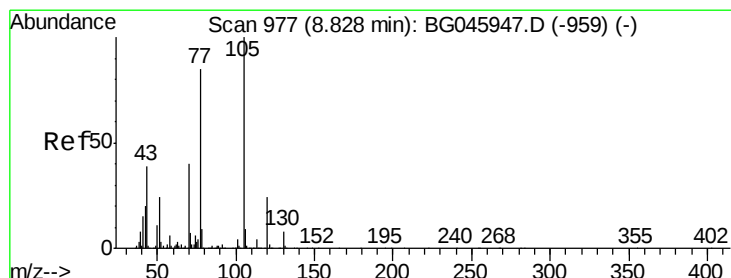
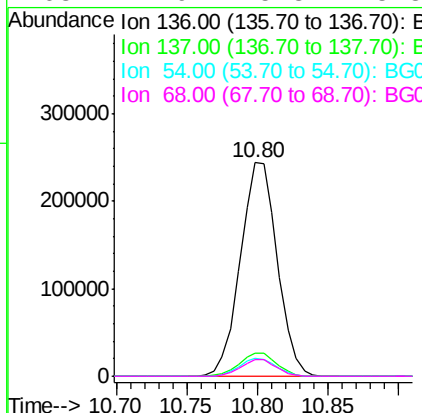
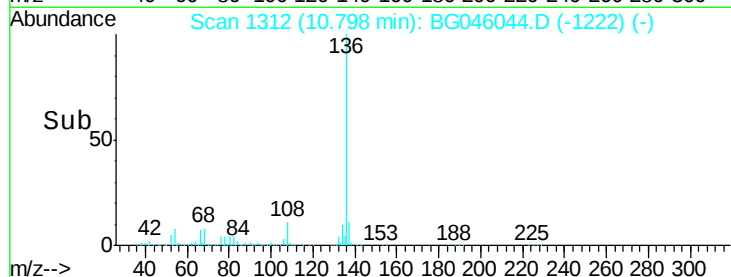
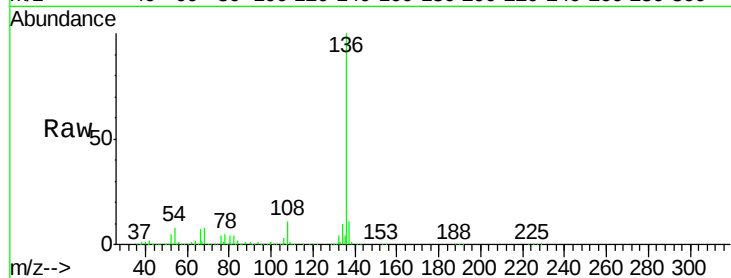
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		446724		
137	10.8	9.2	13.8		
54	8.3	6.2	9.4		
68	7.9	5.8	8.8		

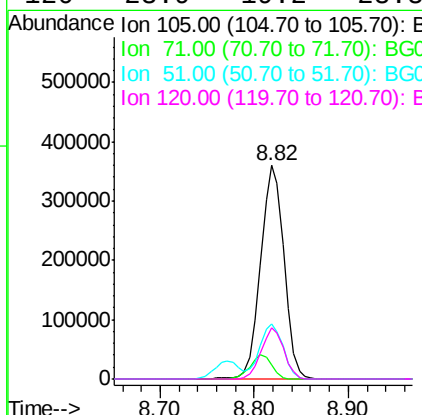
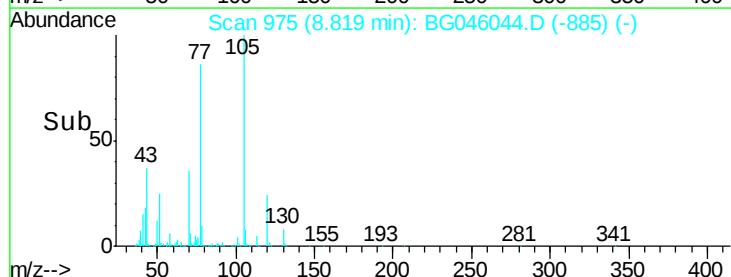
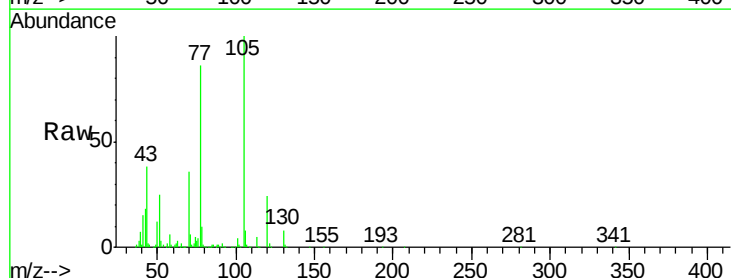
Manual Integrations
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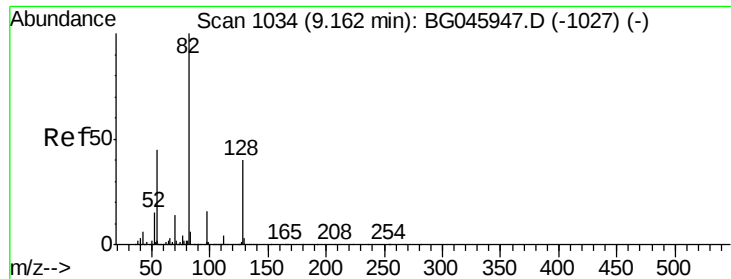
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#22
Acetophenone
Concen: 51.781 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		617961		
71	6.5	6.2	9.2		
51	25.5	19.7	29.5		
120	23.9	19.2	28.8		





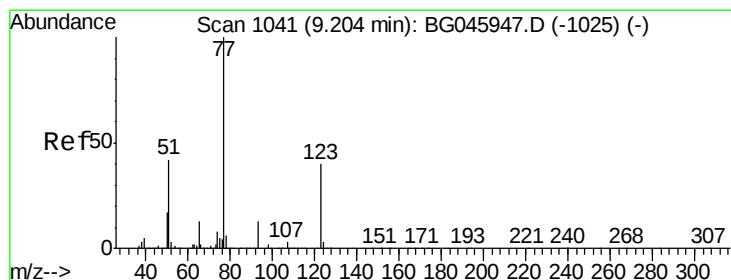
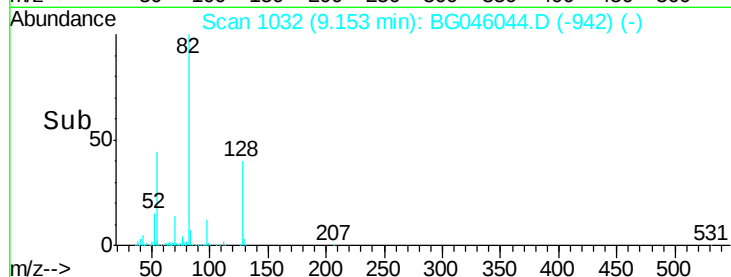
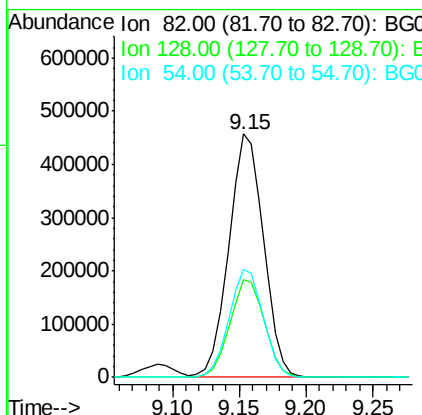
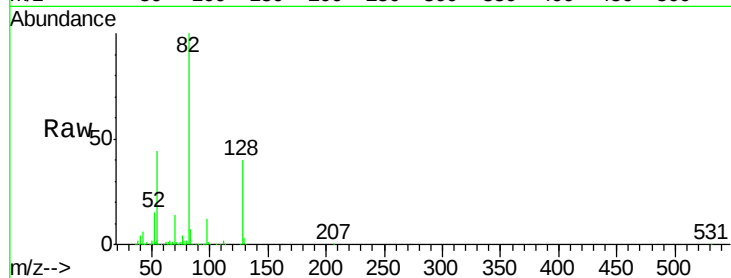
#23
 Nitrobenzene-d5
 Concen: 106.165 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.2	48.4
54	44.2	35.8	53.6

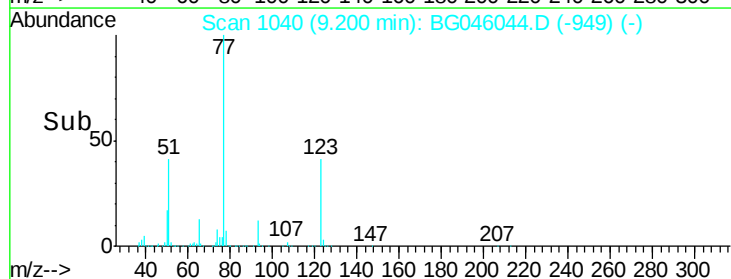
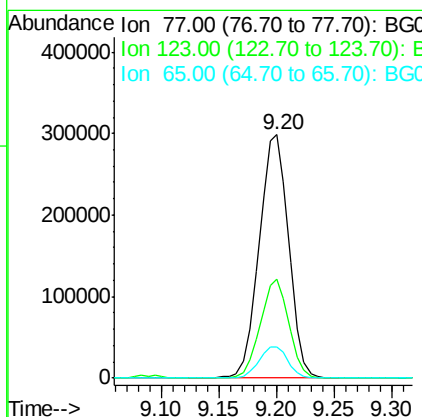
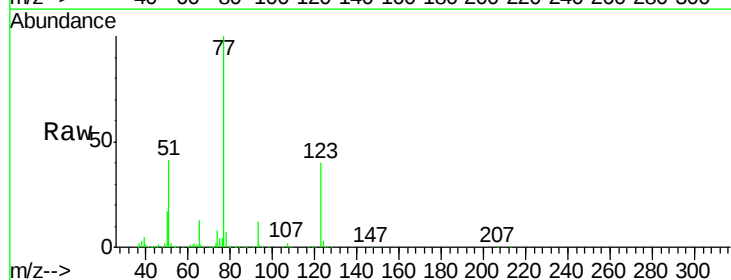
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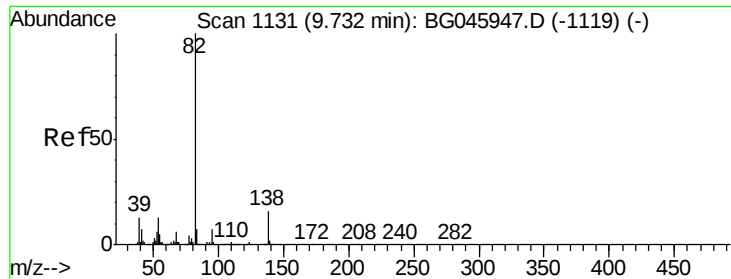
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#24
 Nitrobenzene
 Concen: 61.880 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	32.7	49.1
65	12.6	10.2	15.4





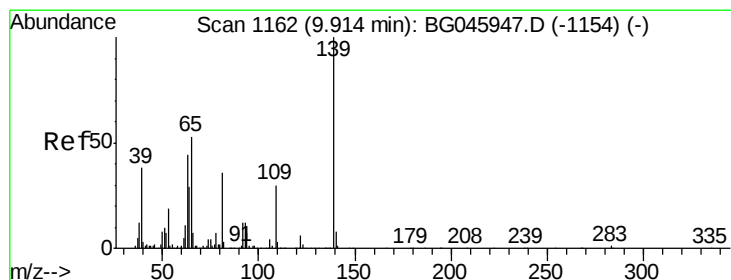
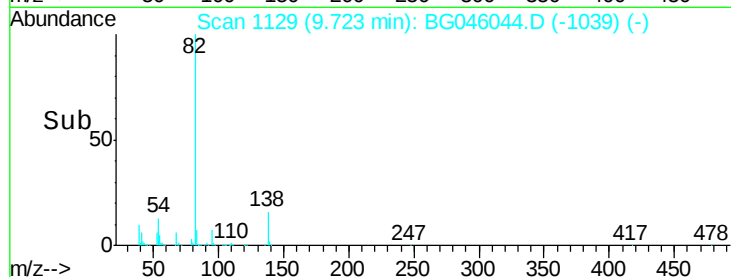
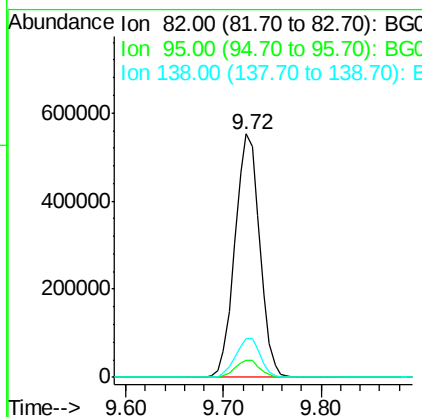
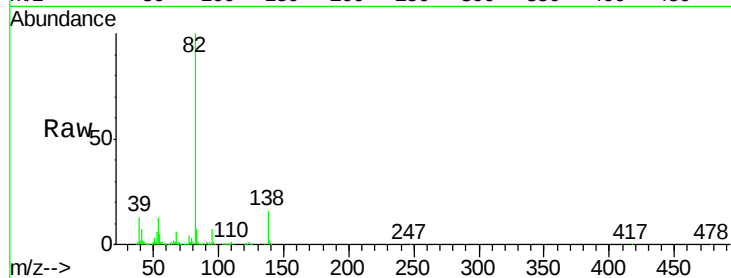
#25
Isophorone
Concen: 51.128 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8		5.8	8.6
138	16.2		12.9	19.3

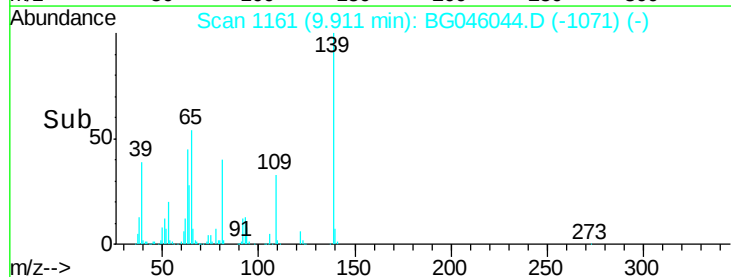
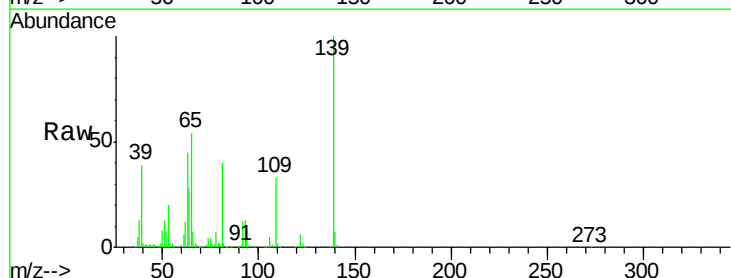
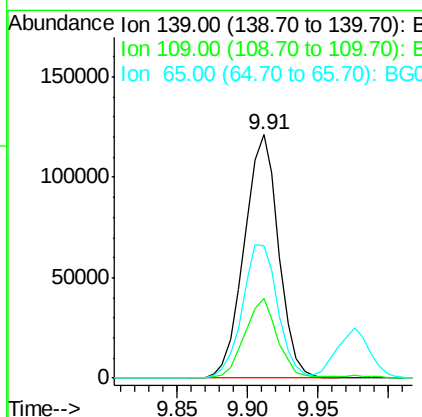
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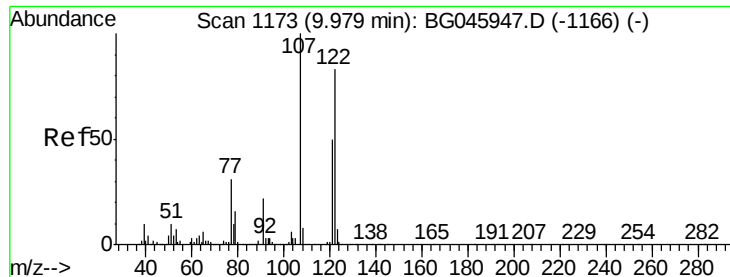
mohammad
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#26
2-Nitrophenol
Concen: 74.094 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.8		24.6	37.0
65	54.4		42.6	64.0





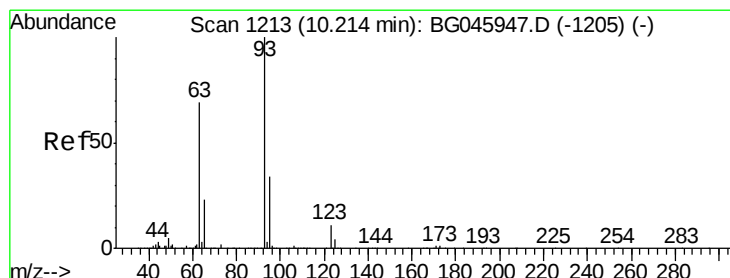
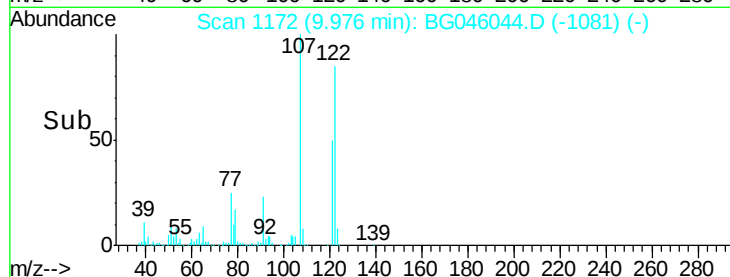
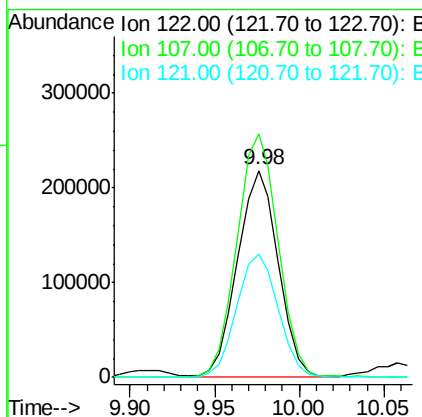
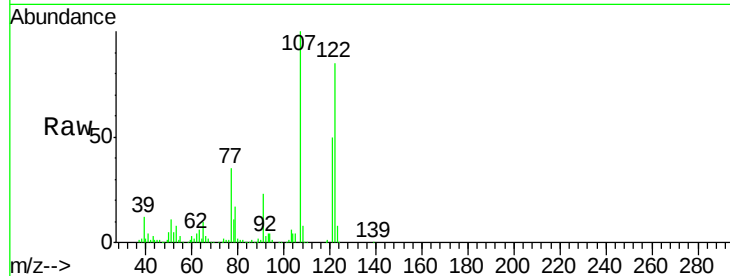
#27
2,4-Dimethylphenol
Concen: 54.182 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	95.6	143.4
121	59.3	47.7	71.5

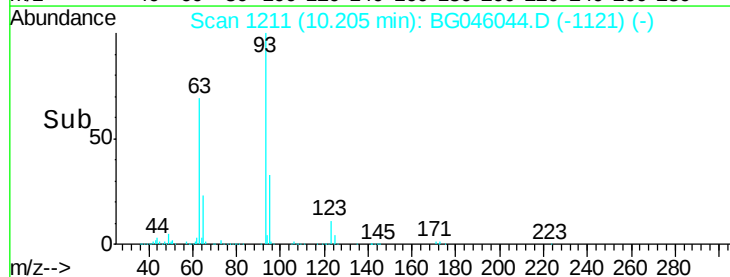
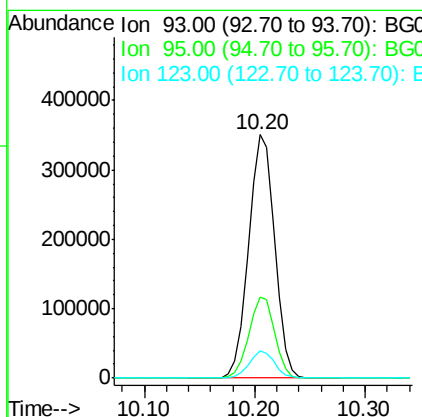
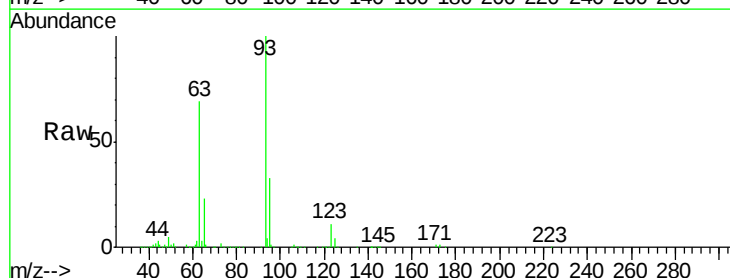
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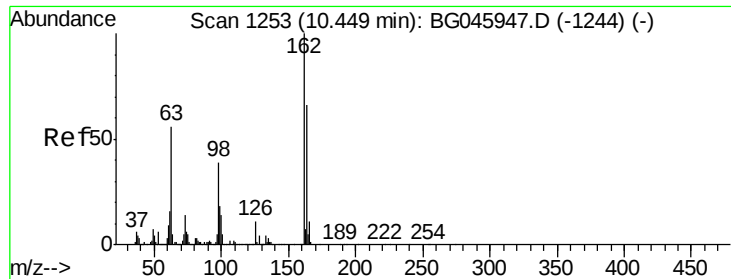
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#28
bis(2-Chloroethoxy)methane
Concen: 54.513 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.5	41.3
123	11.1	9.2	13.8





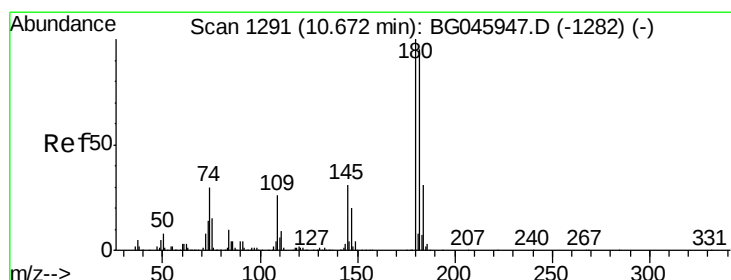
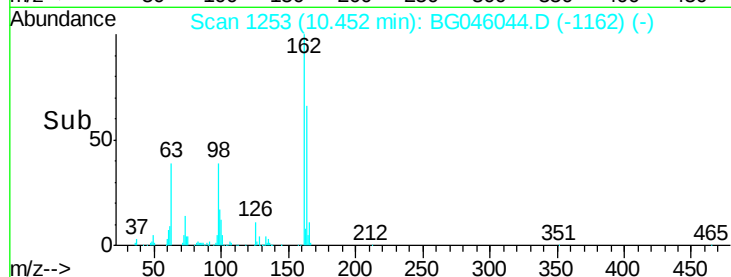
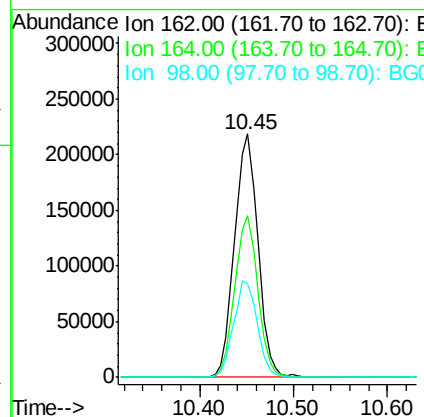
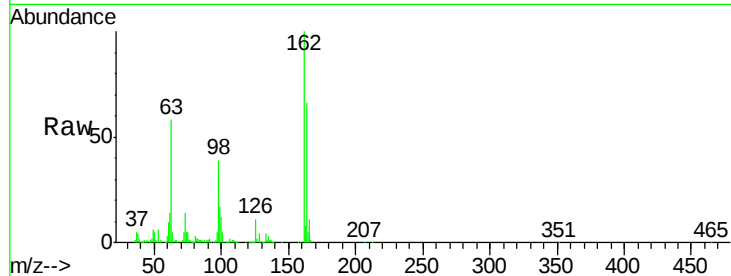
#29
2,4-Dichlorophenol
Concen: 54.353 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.3	46.0	86.0
98	38.8	19.2	59.2

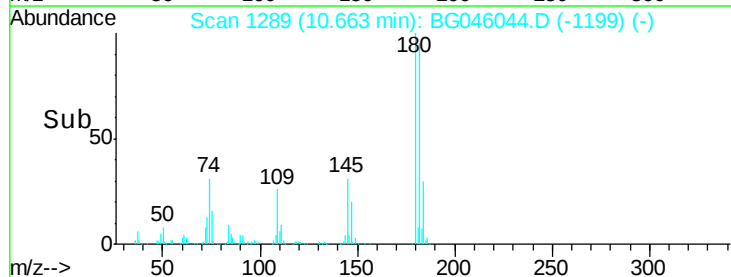
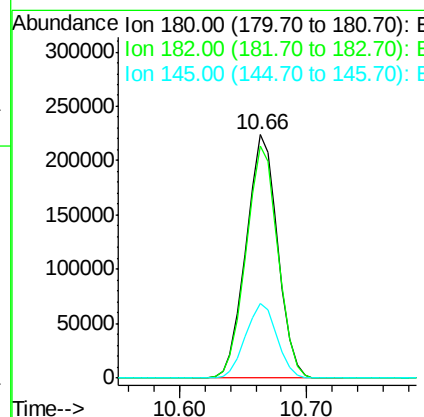
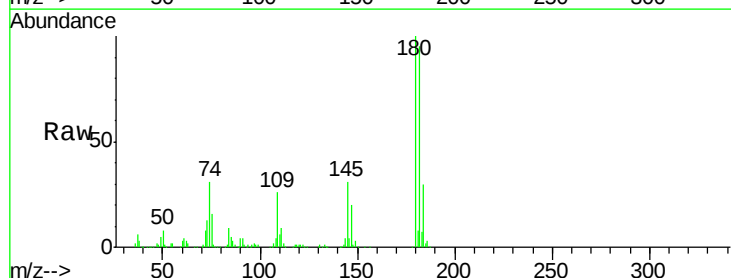
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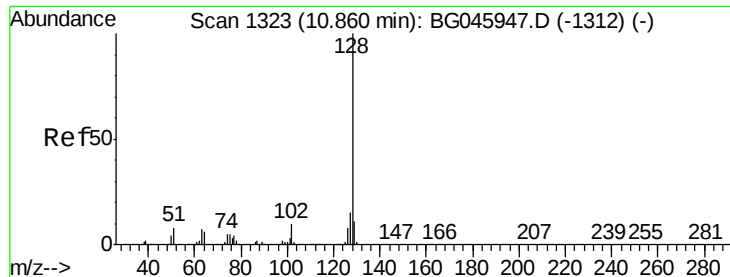
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#30
1,2,4-Trichlorobenzene
Concen: 50.061 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	76.3	114.5
145	30.9	24.8	37.2





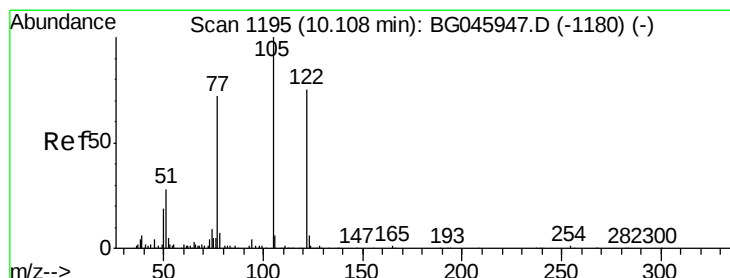
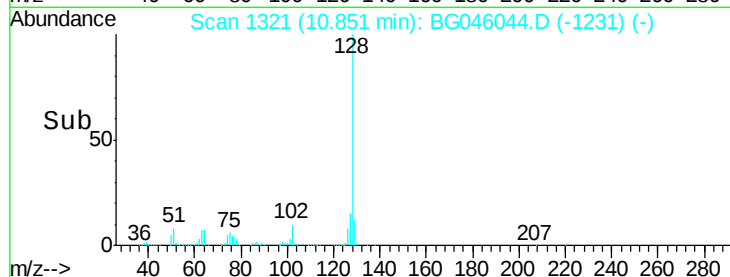
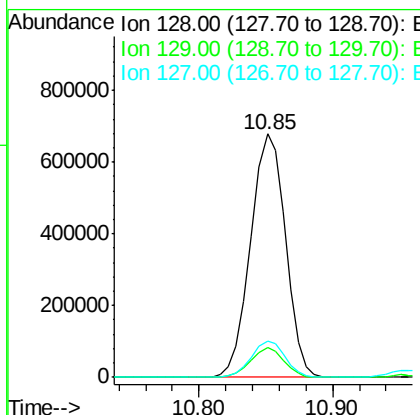
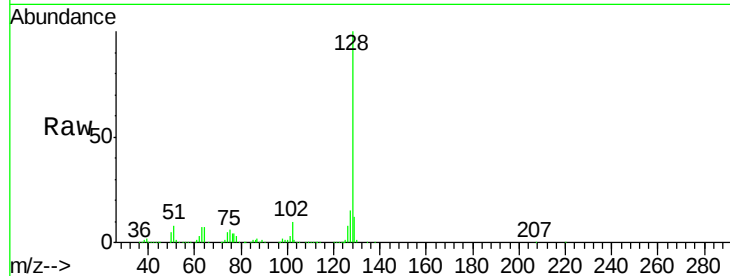
#31
Naphthalene
Concen: 51.150 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	14.7	11.8	17.6

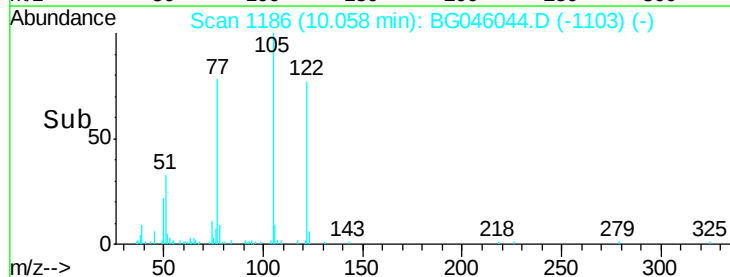
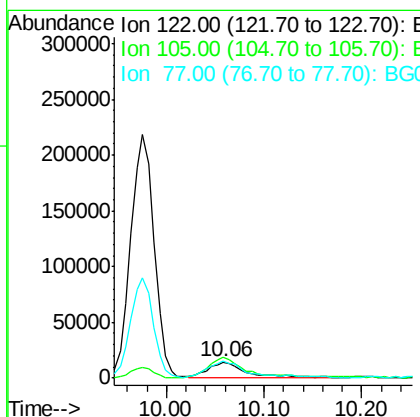
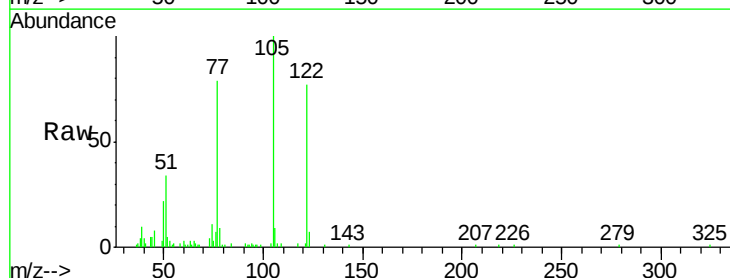
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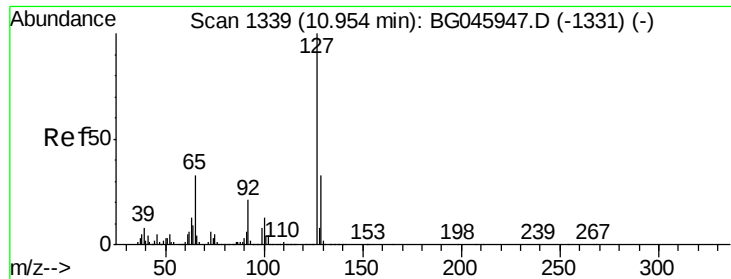
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#32
Benzoic acid
Concen: 14.228 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.04 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	110.8	150.8
77	103.0	76.4	116.4





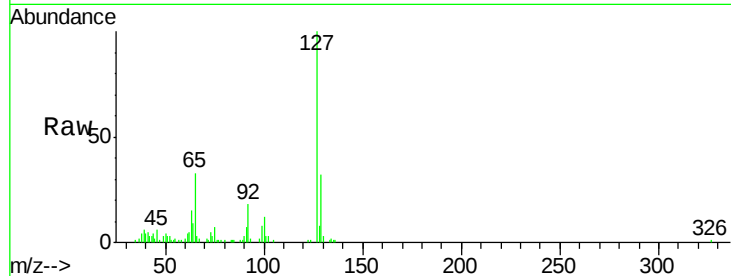
#33
4-Chloroaniline
Concen: 3.761 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

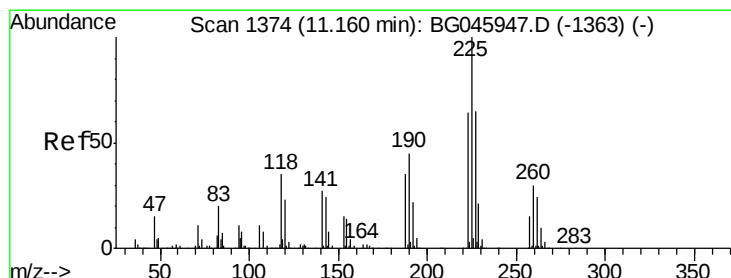
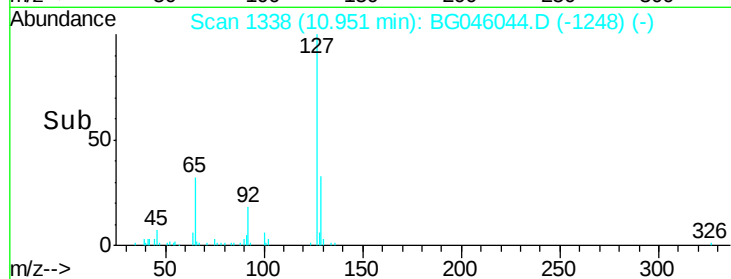
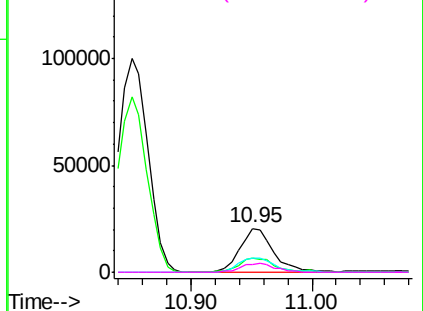
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		40247		
129	32.3	26.6	39.8		
65	33.3	26.8	40.2		
92	18.3	17.0	25.4		

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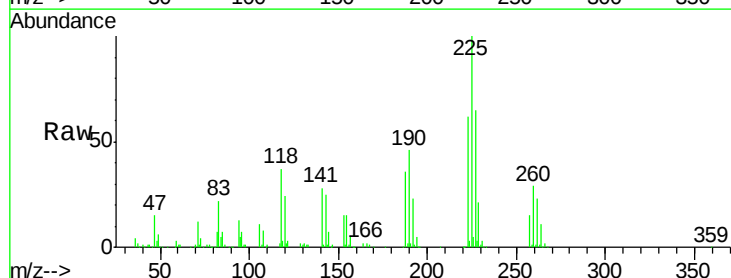


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

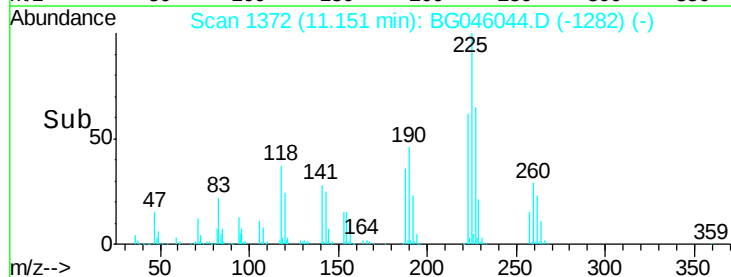
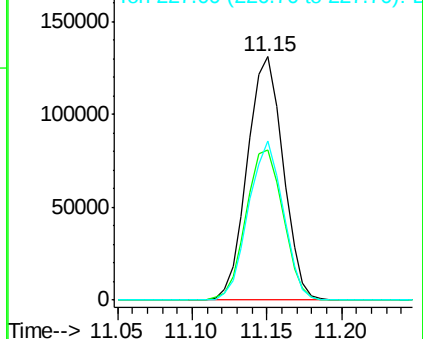


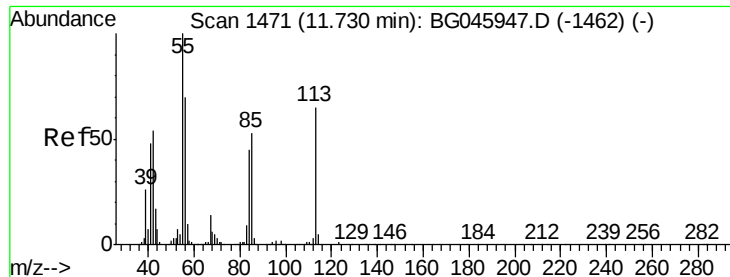
#34
Hexachlorobutadiene
Concen: 48.103 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		217266		
223	61.9	51.2	76.8		
227	65.5	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: 45.311 ng/ml

RT: 11.71 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

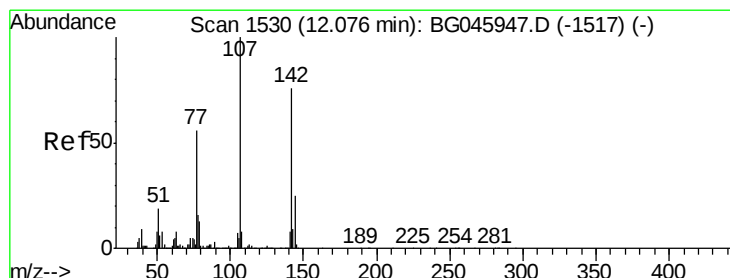
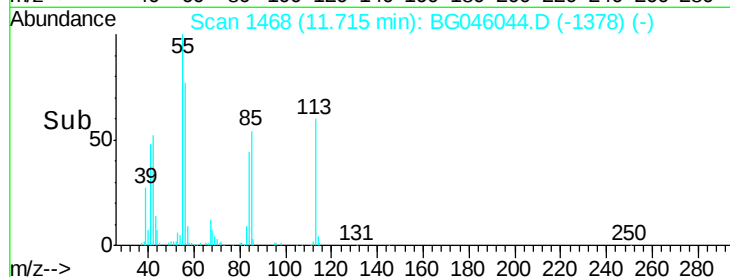
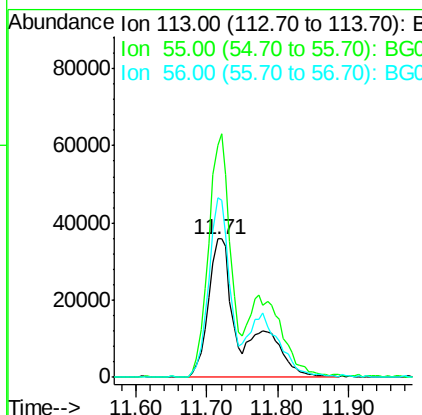
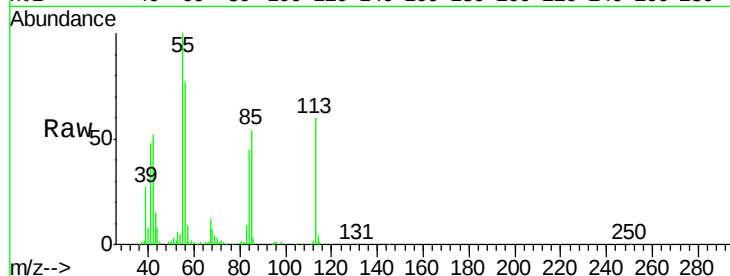
ClientSampleId :

CL-02-070920MSD

Tot Ion:	113	Resp:	120105
Ion Ratio	Lower	Upper	
113	100		
55	167.9	141.6	181.6
56	129.6	89.6	129.6

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#36

4-Chloro-3-methylphenol

Concen: 55.068 ng/ml

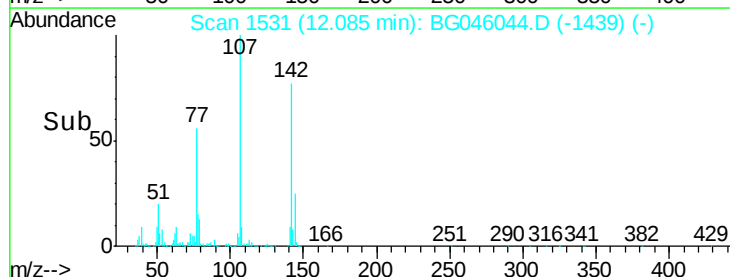
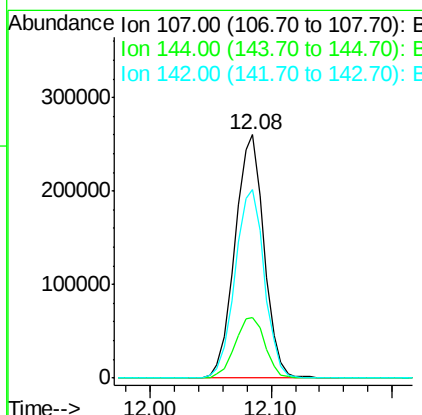
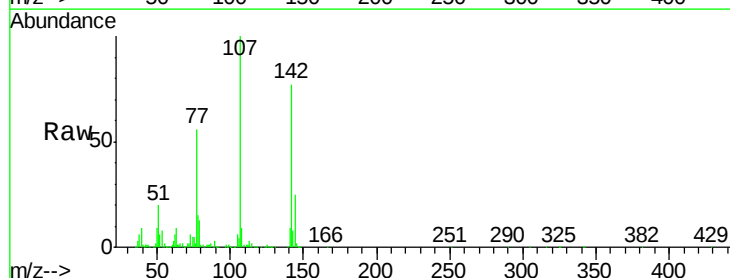
RT: 12.08 min Scan# 1531

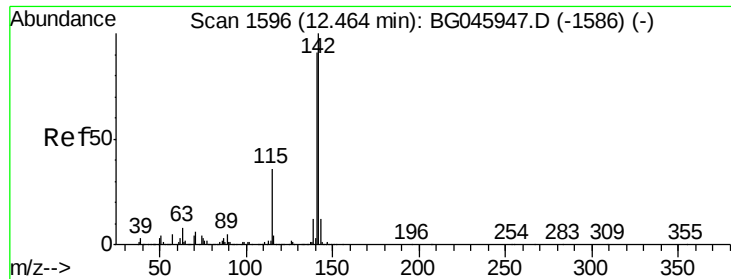
Delta R.T. 0.01 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	107	Resp:	437882
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.0	30.0
142	77.3	61.1	91.7





#37

2-Methylnaphthalene

Concen: 51.648 ng

RT: 12.45 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

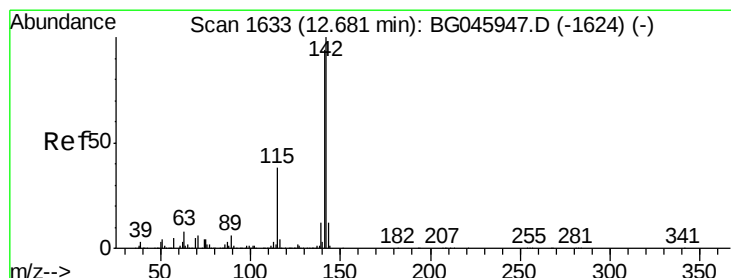
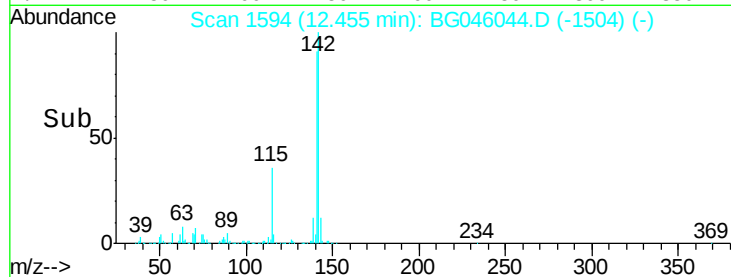
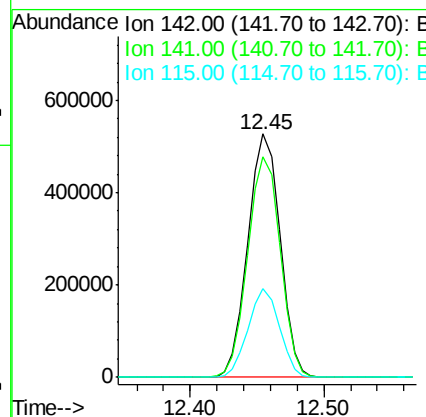
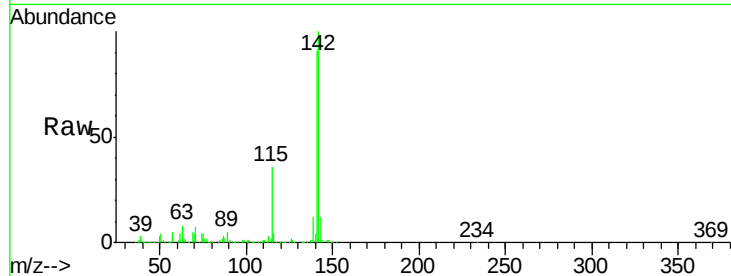
ClientSampleId :

CL-02-070920MSD

Tot Ion:	142	Resp:	879234
Ion Ratio	Lower	Upper	
142	100		
141	90.6	73.0	109.6
115	36.4	28.8	43.2

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#38

1-Methylnaphthalene

Concen: 52.753 ng

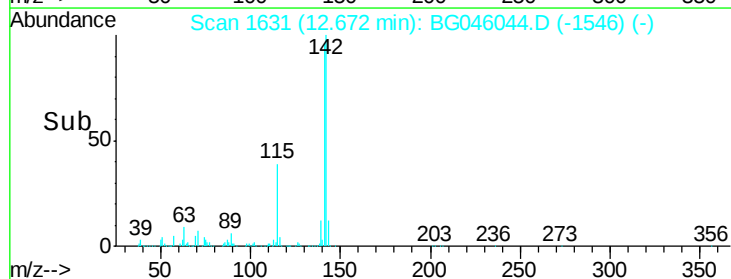
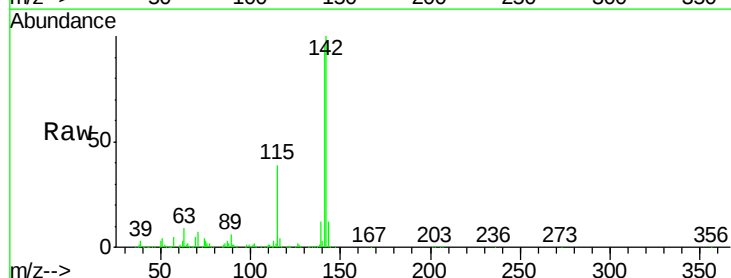
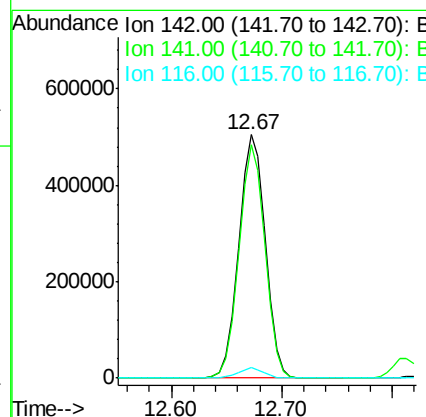
RT: 12.67 min Scan# 1631

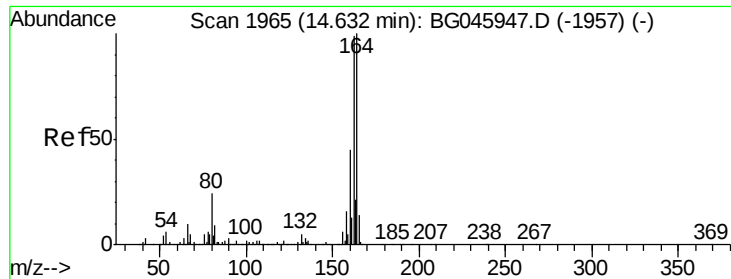
Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	142	Resp:	847534
Ion Ratio	Lower	Upper	
142	100		
141	96.0	75.2	112.8
116	4.3	3.1	4.7





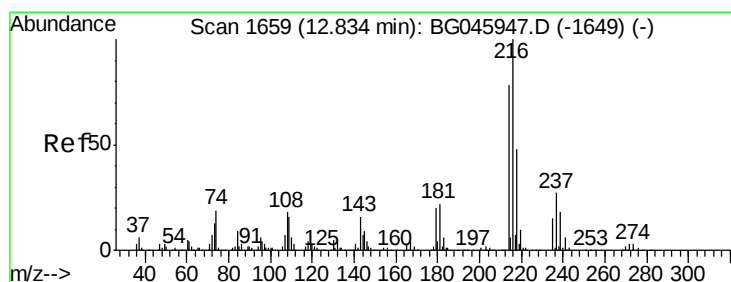
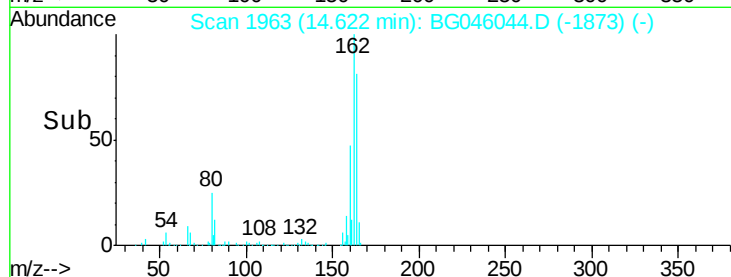
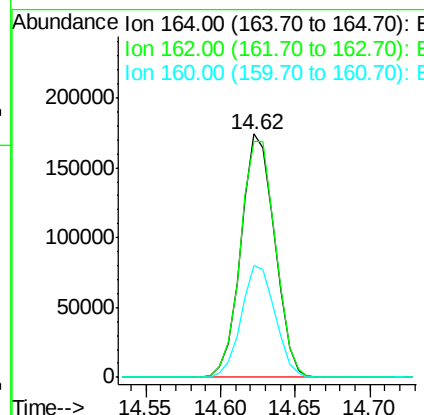
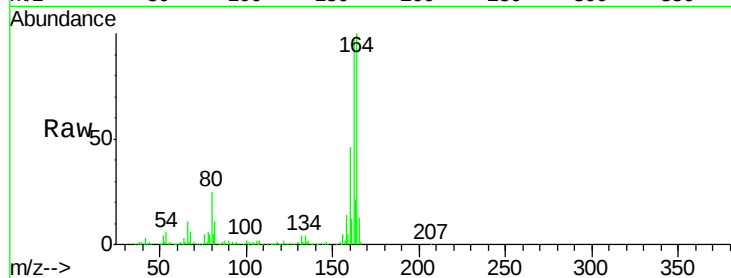
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.7	79.3	118.9
160	45.8	35.7	53.5

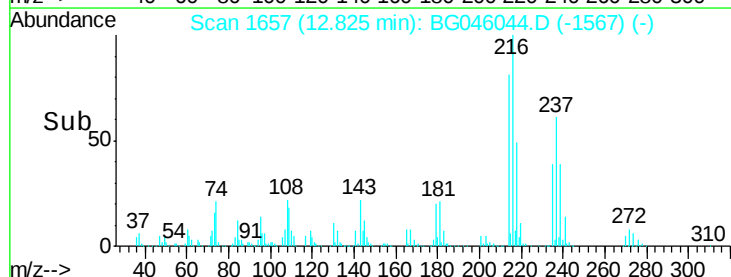
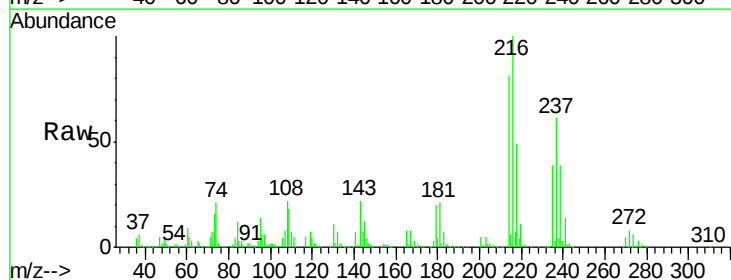
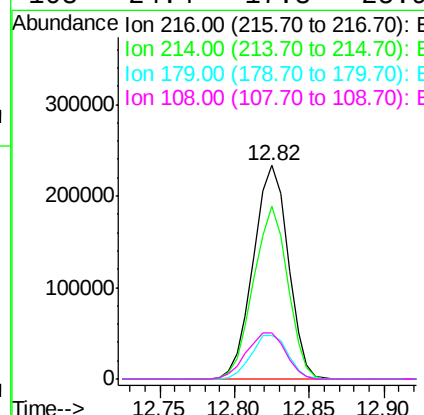
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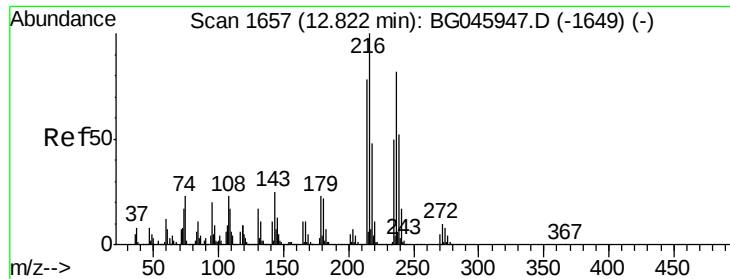
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.061 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	21.6	17.0	25.6
108	24.4	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 95.495 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

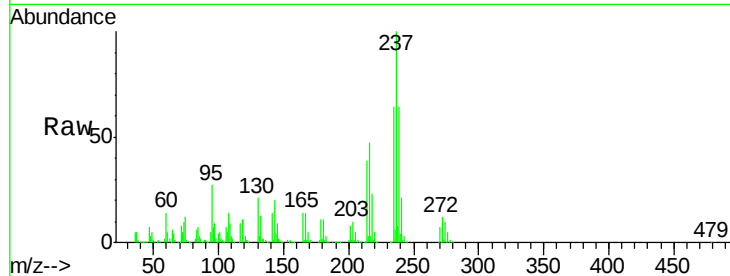
ClientSampleId :

CL-02-070920MSD

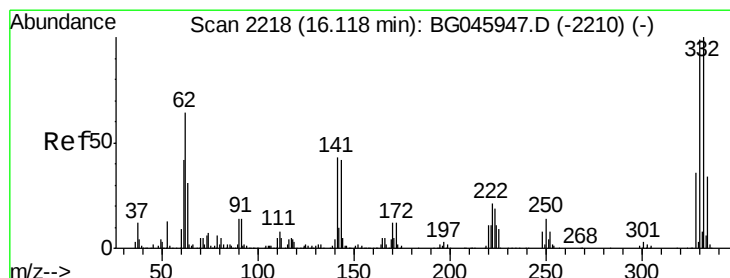
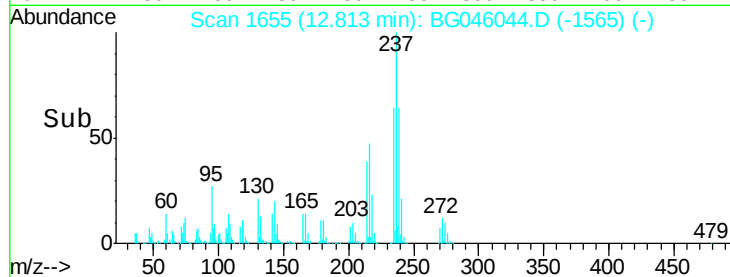
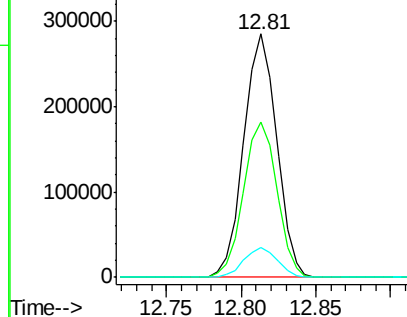
Tot Ion:	237	Resp:	435974
Ion Ratio	Lower	Upper	
237	100		
235	63.7	41.5	81.5
272	12.5	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 139.538 ng

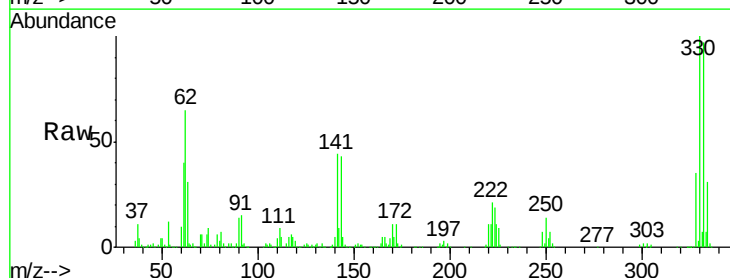
RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

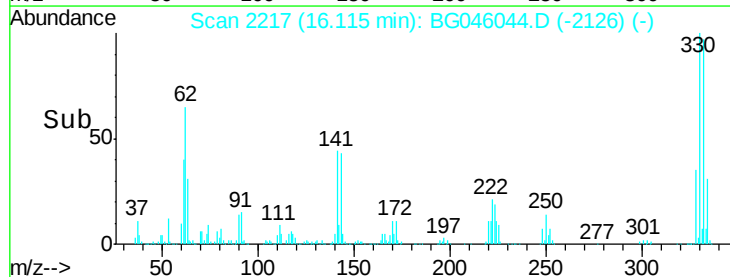
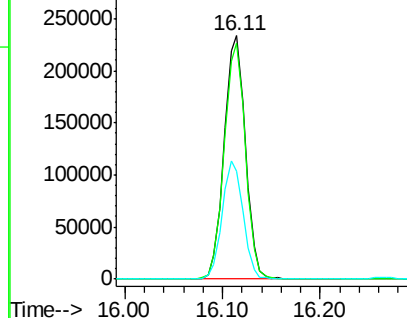
Lab File: BG046044.D

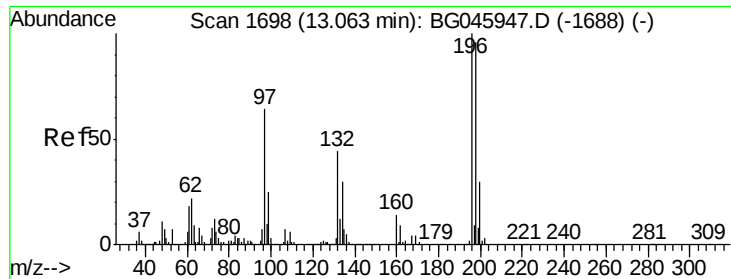
Acq: 14 Jul 2020 22:30

Tgt Ion:	330	Resp:	353478
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.3	117.5
141	47.6	36.6	54.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





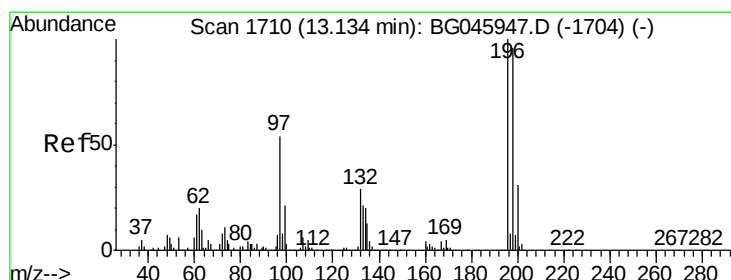
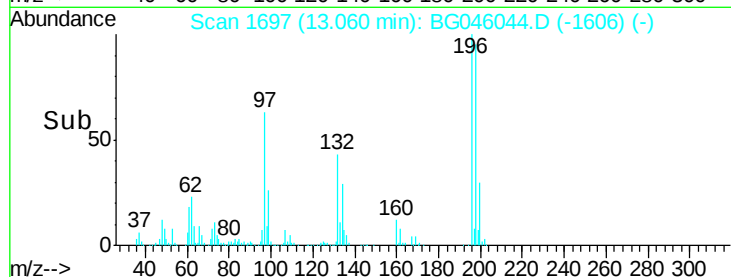
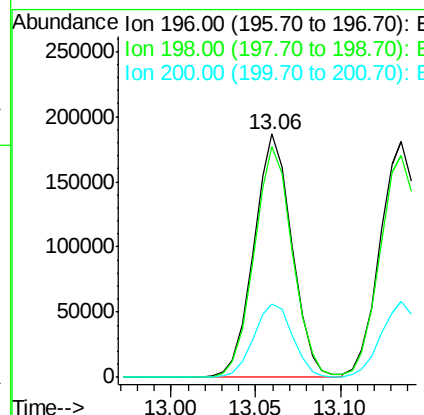
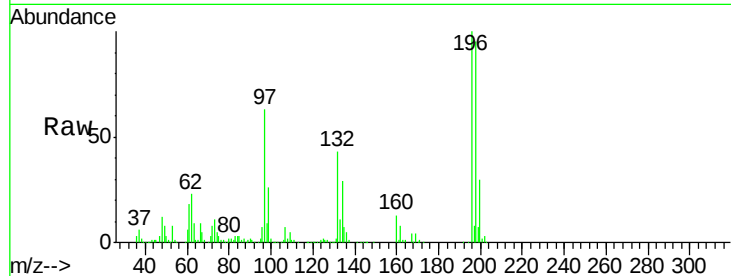
#43
2,4,6-Trichlorophenol
Concen: 56.011 ng
RT: 13.06 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	291453		
198	94.7	76.7	115.1	
200	30.4	24.3	36.5	

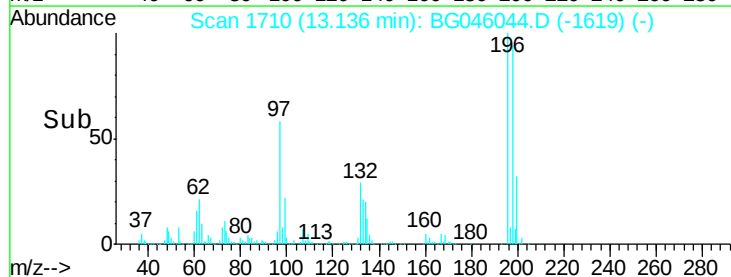
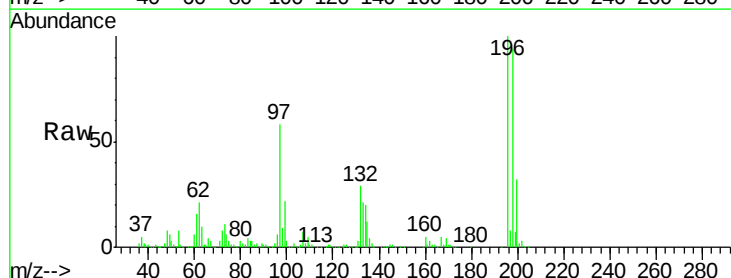
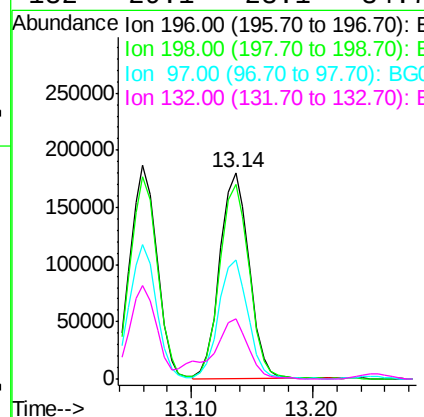
Manual Integrations
APPROVED

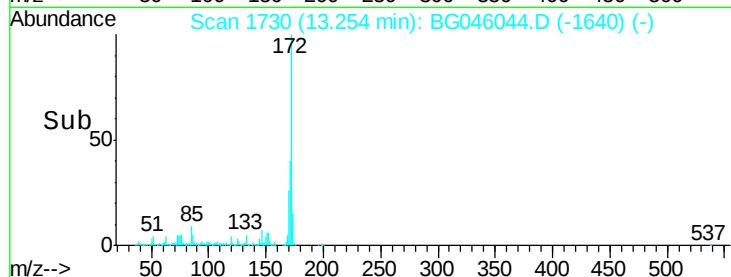
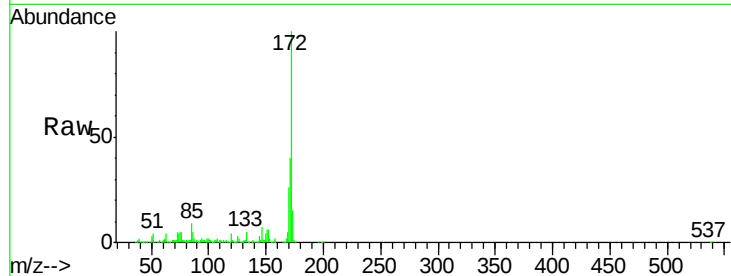
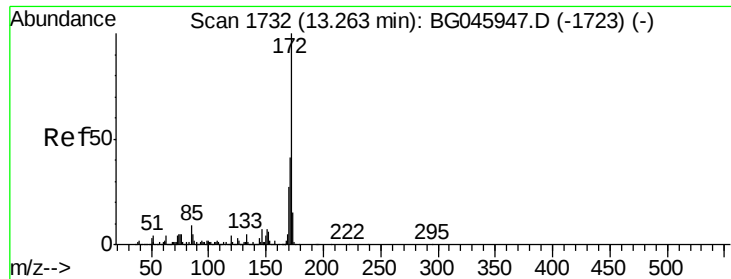
mohammad
7/15/2020 11:01:43 AM



#44
2,4,5-Trichlorophenol
Concen: 51.352 ng
RT: 13.14 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302127		
198	94.4	77.0	115.6	
97	57.9	44.3	66.5	
132	29.1	23.1	34.7	





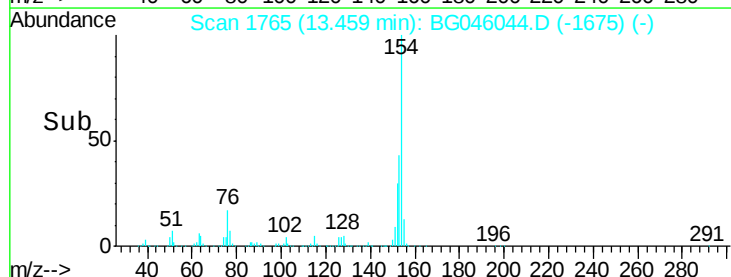
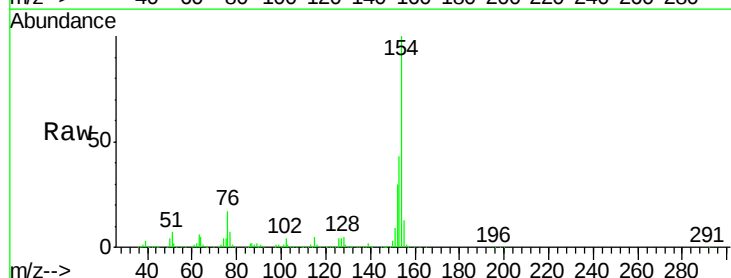
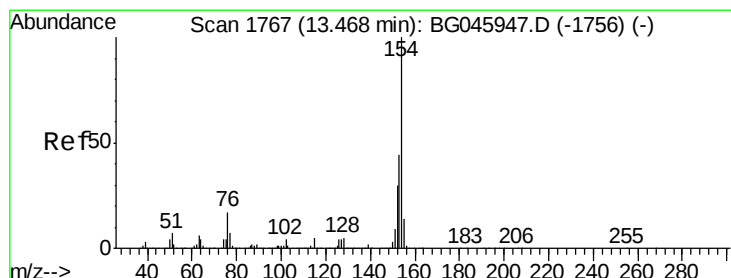
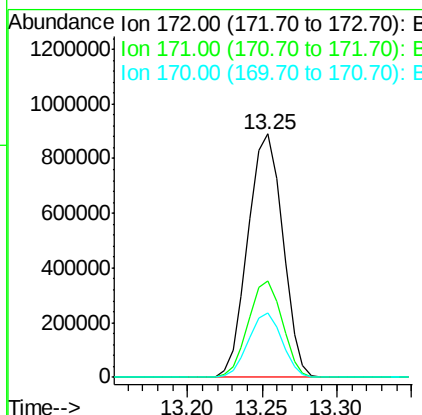
#45
2-Fluorobiphenyl
Concen: 82.285 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tot Ion:172 Resp: 1439853
Ion Ratio Lower Upper
172 100
171 39.8 32.9 49.3
170 26.4 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

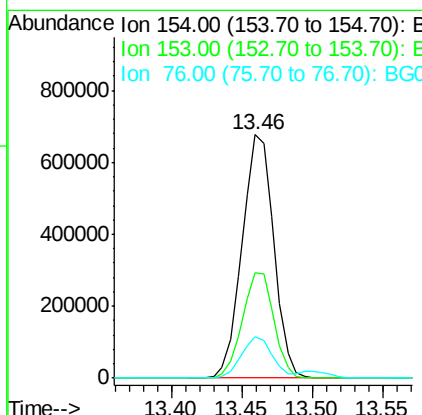
Manual Integrations
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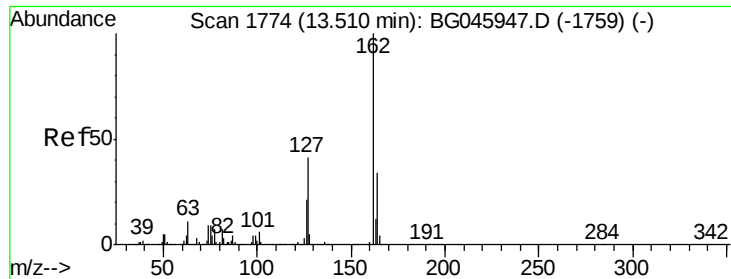
mohammad
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#46
1,1'-Biphenyl
Concen: 51.702 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion:154 Resp: 1061579
Ion Ratio Lower Upper
154 100
153 43.1 23.6 63.6
76 17.0 0.0 36.9





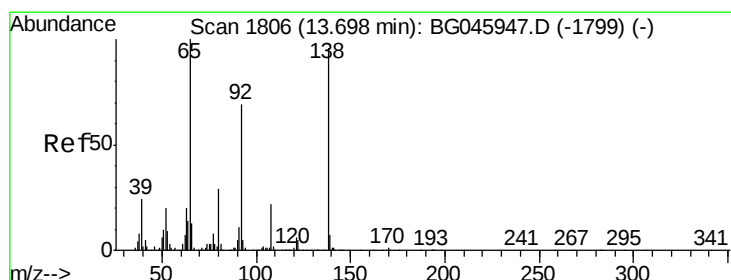
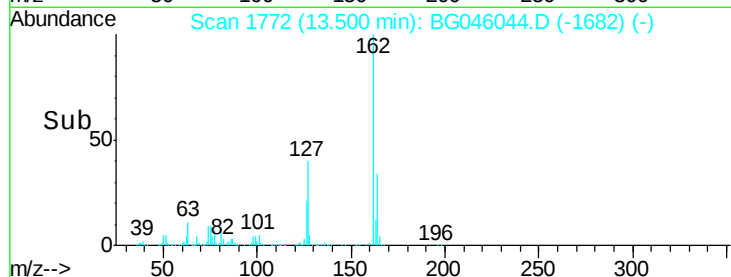
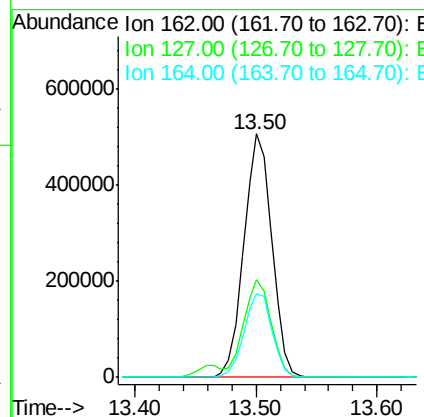
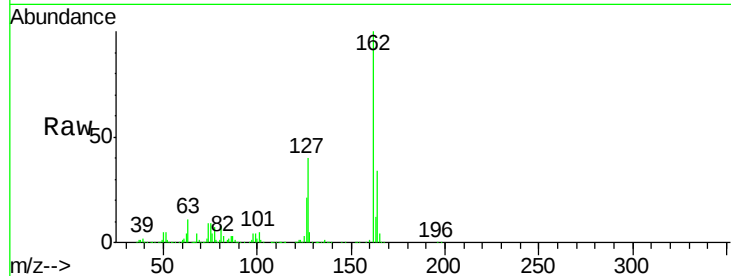
#47
 2-Chloronaphthalene
 Concen: 50.218 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	813545		
127	40.2		32.5	48.7
164	34.2		27.2	40.8

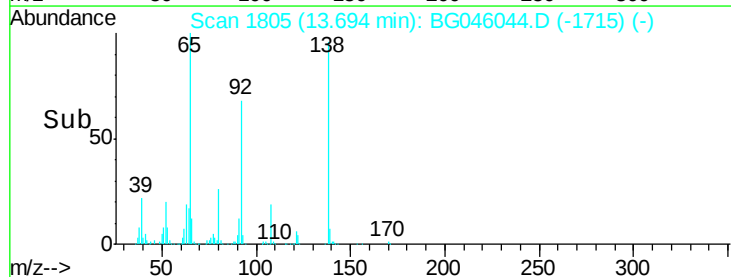
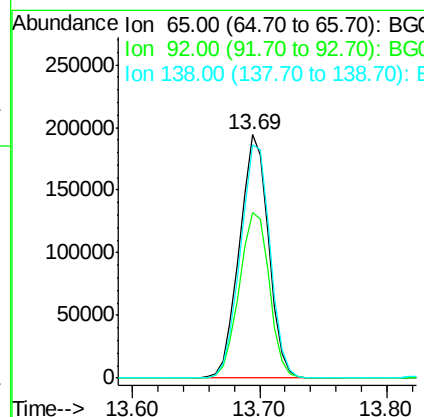
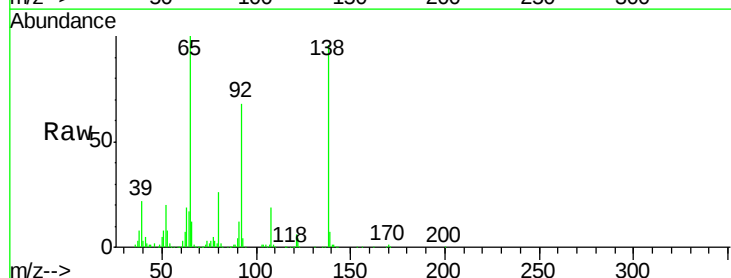
Manual Integrations
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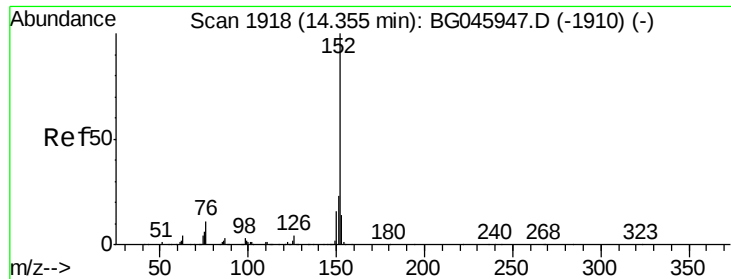
mohammad
 7/15/2020 11:01:43 AM



#48
 2-Nitroaniline
 Concen: 66.338 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	307570		
92	68.1		55.4	83.0
138	95.8		77.0	115.4





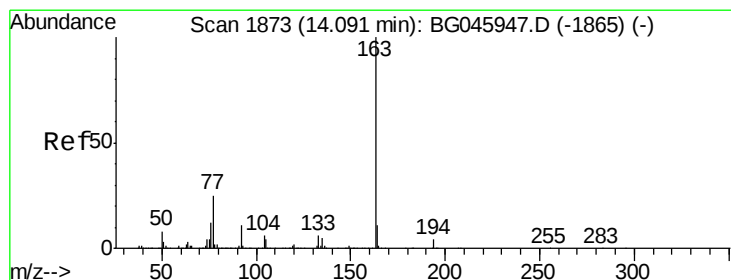
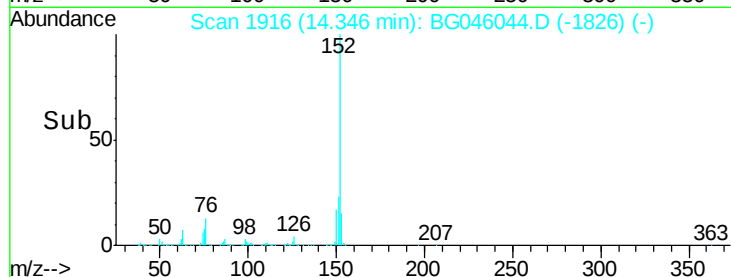
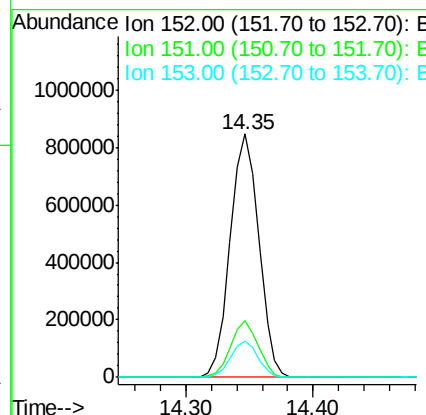
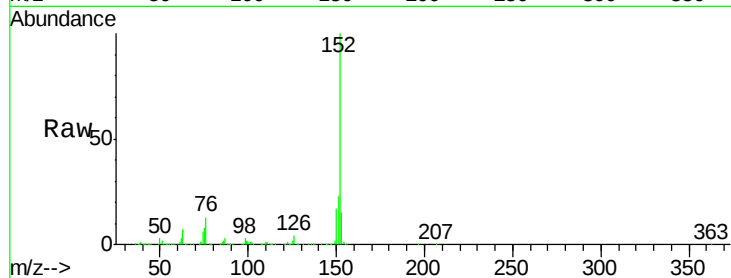
#49
Acenaphthylene
Concen: 50.555 ng
RT: 14.35 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.1	27.1
153	14.7	11.5	17.3

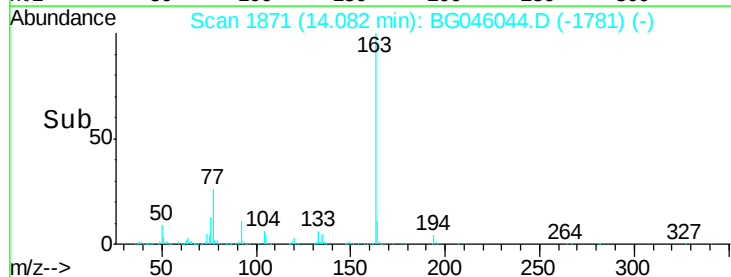
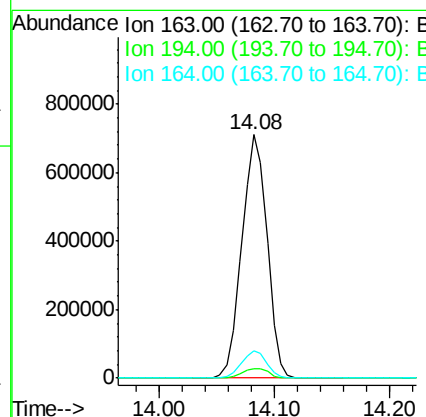
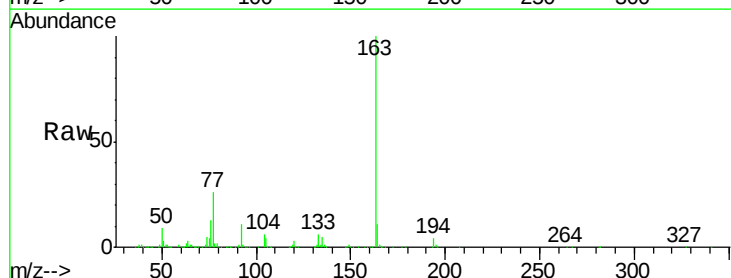
Manual Integrations
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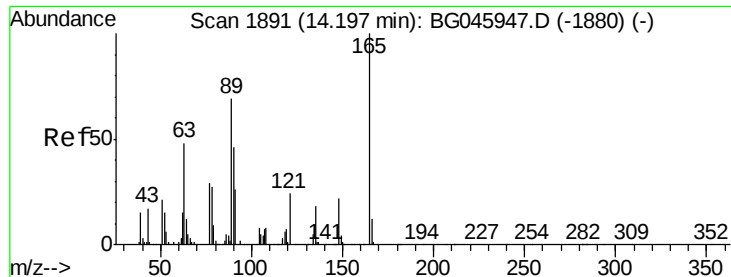
mohammad
7/15/2020 11:01:43 AM



#50
Dimethylphthalate
Concen: 52.369 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	11.0	8.9	13.3





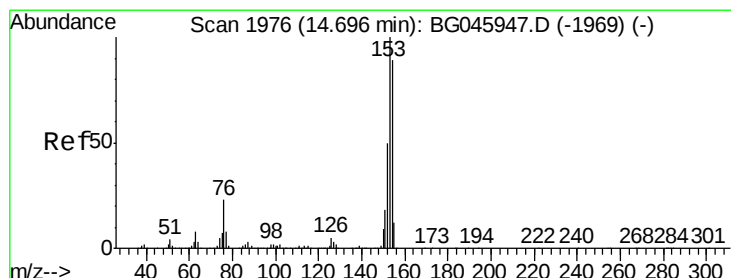
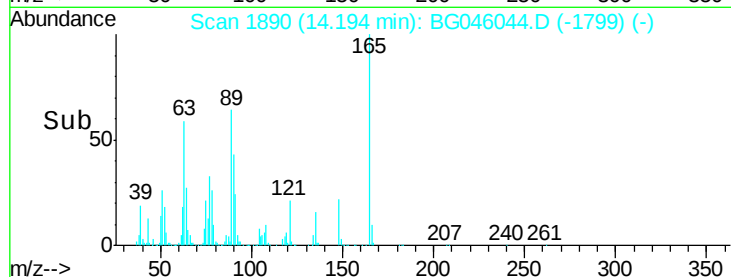
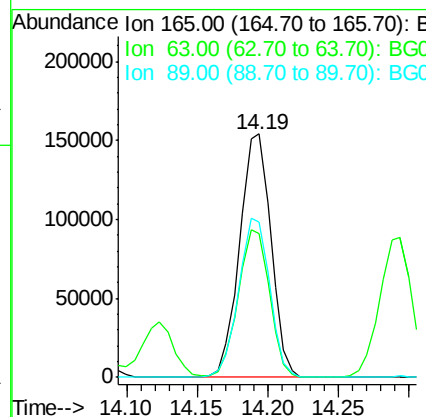
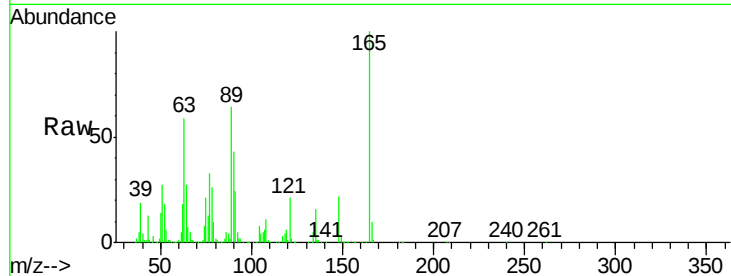
#51
2,6-Dinitrotoluene
Concen: 64.058 ng
RT: 14.19 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	239050		
63	59.3		51.0	76.4
89	63.8		55.7	83.5

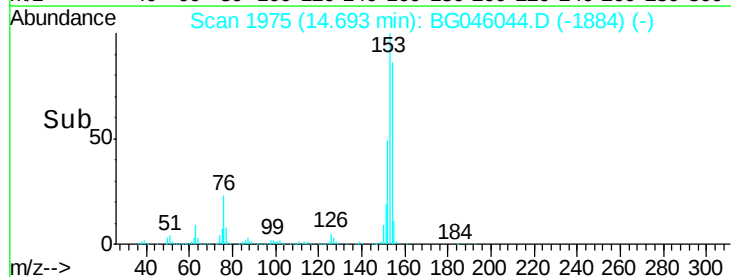
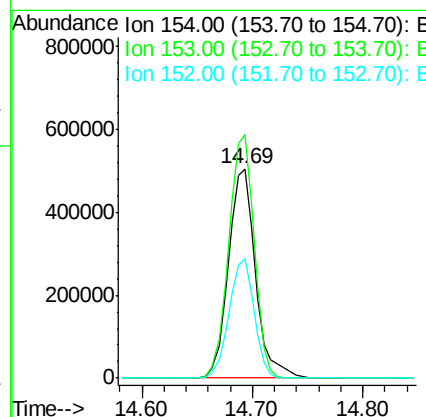
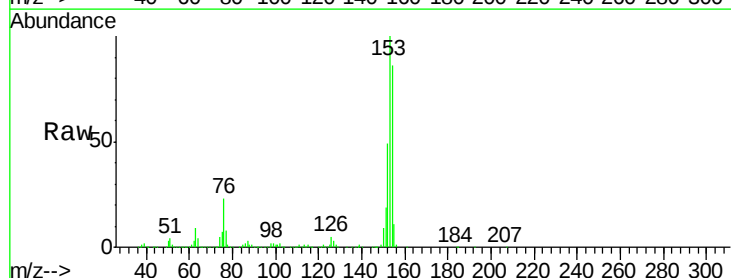
Manual Integrations
APPROVED

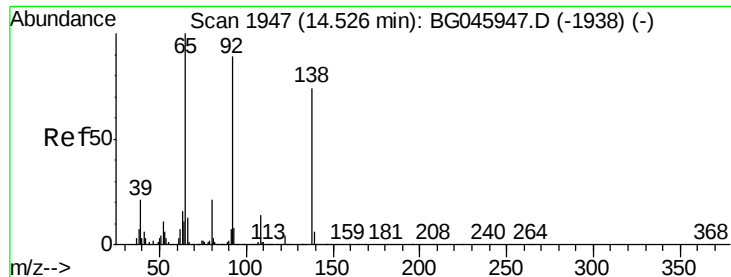
mohammad
7/15/2020 11:01:43 AM



#52
Acenaphthene
Concen: 52.568 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	866675		
153	116.2		89.7	134.5
152	56.9		44.7	67.1





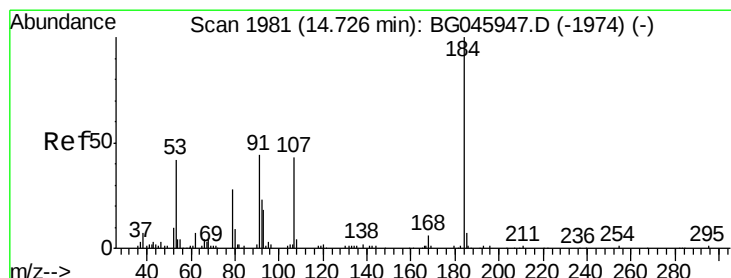
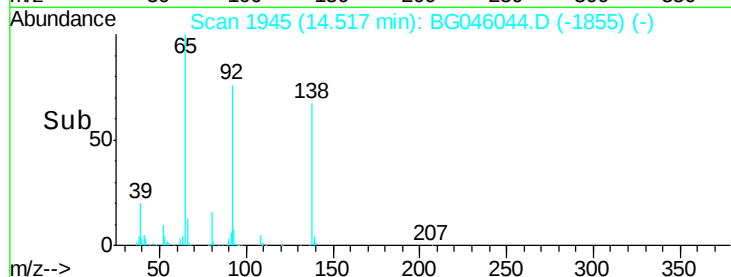
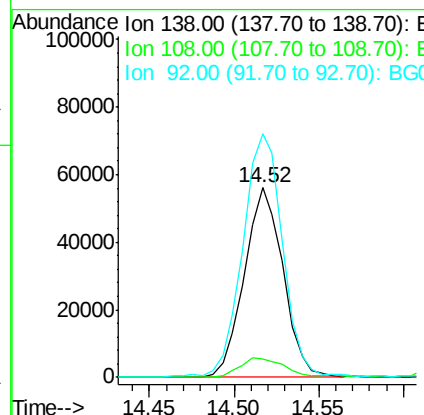
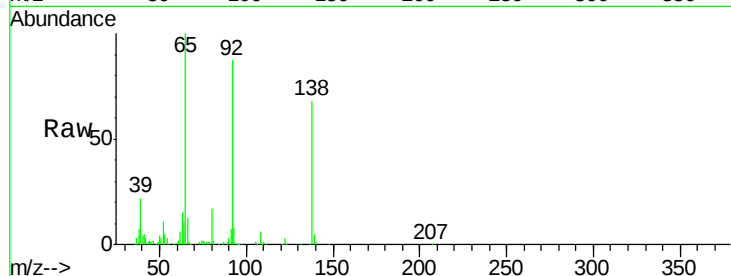
#53
3-Nitroaniline
Concen: 21.675 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	15.4	23.2#
92	128.3	95.9	143.9

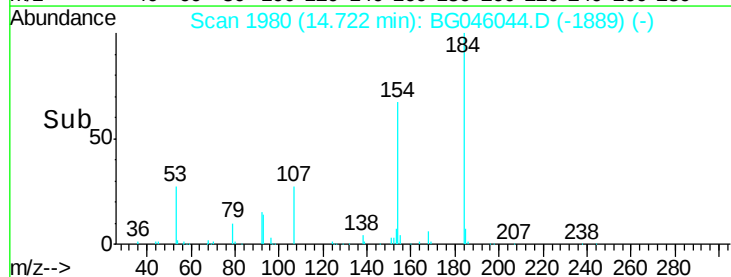
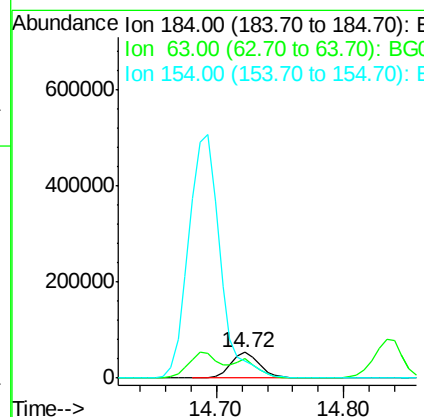
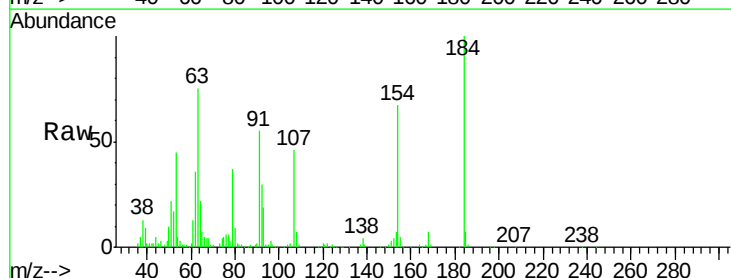
Manual Integrations
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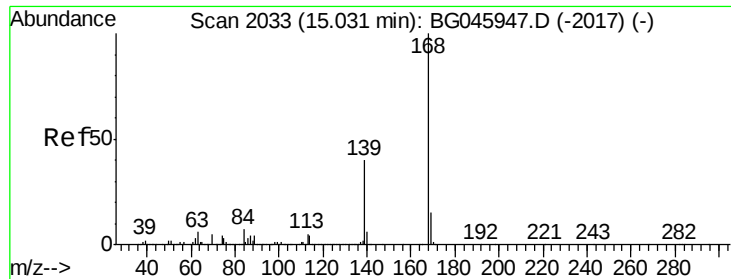
mohammad
7/15/2020 11:01:43 AM



#54
2,4-Dinitrophenol
Concen: 63.721 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.7	46.0	69.0#
154	66.6	58.2	87.2





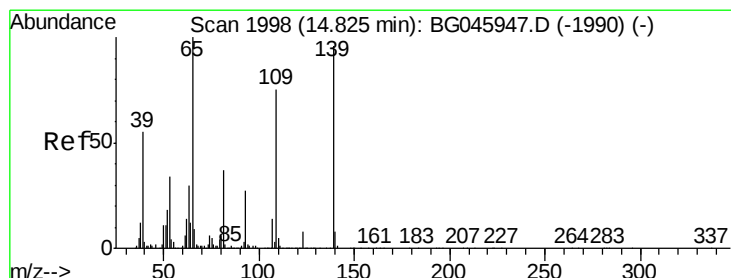
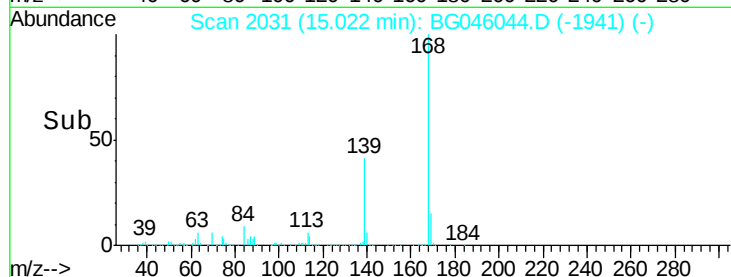
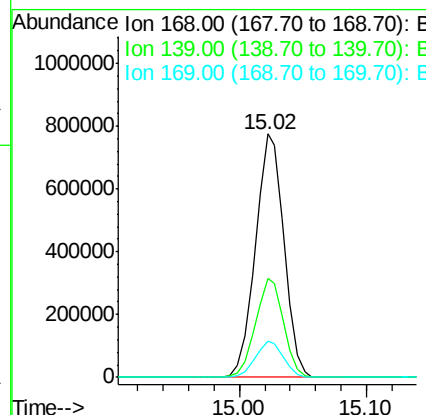
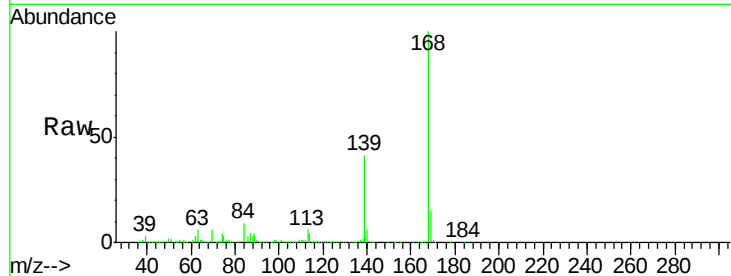
#55
Dibenzofuran
Concen: 50.234 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	32.2	48.2
169	14.7	11.8	17.8

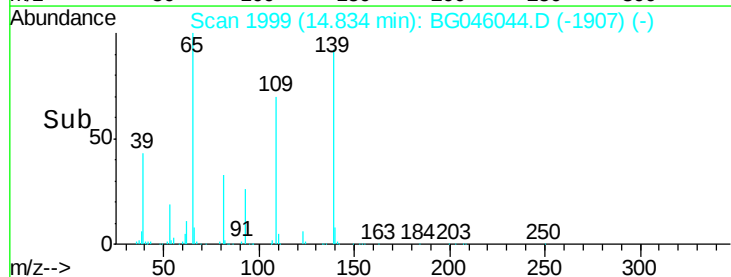
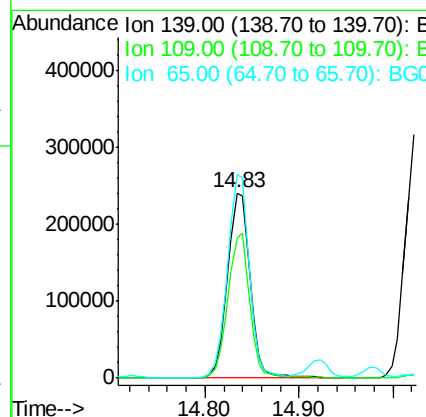
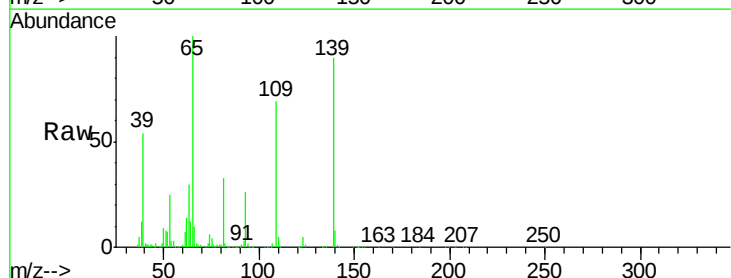
Manual Integrations
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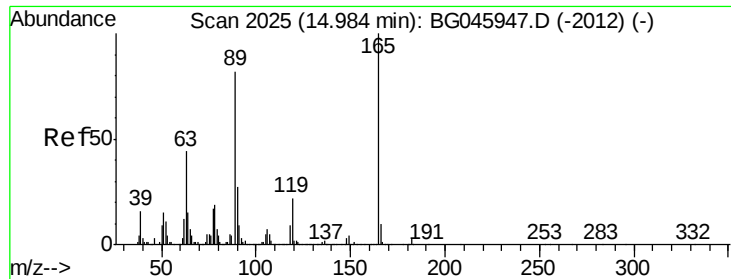
mohammad
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#56
4-Nitrophenol
Concen: 121.813 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.1	58.5	98.5
65	110.6	84.7	124.7





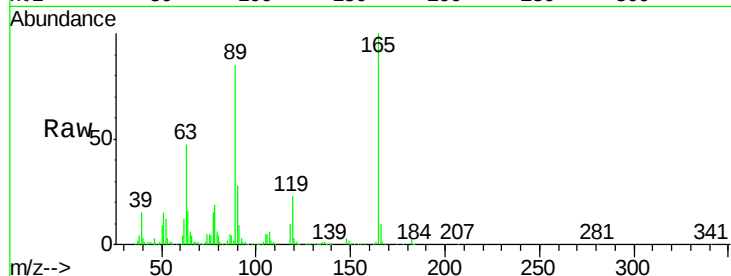
#57
2,4-Dinitrotoluene
Concen: 68.071 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	328548		
63	47.1		35.4	53.0
89	84.7		65.4	98.2
182	2.8		2.0	3.0

Manual Integrations
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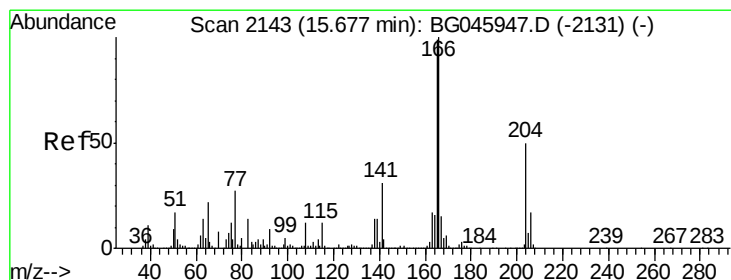
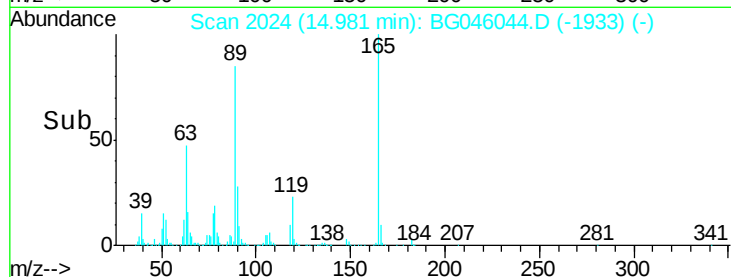
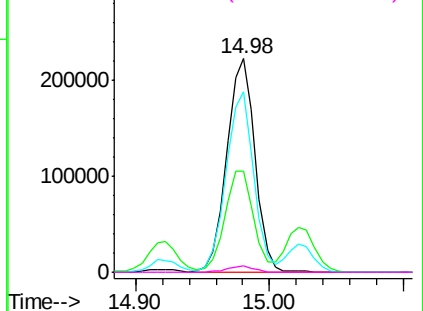


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



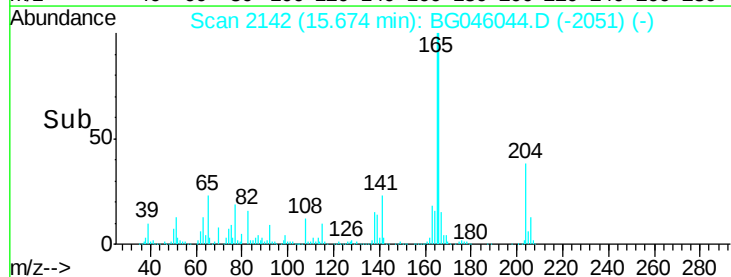
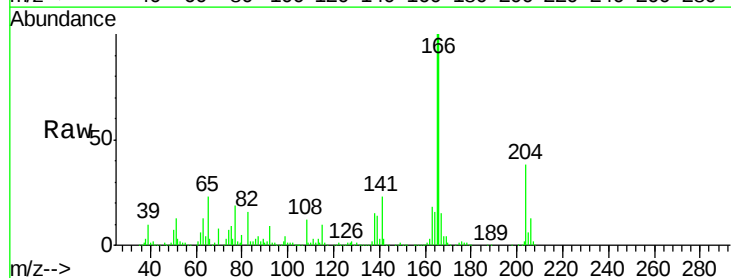
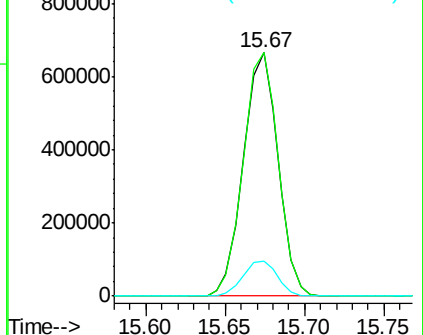
#58
Fluorene
Concen: 51.086 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

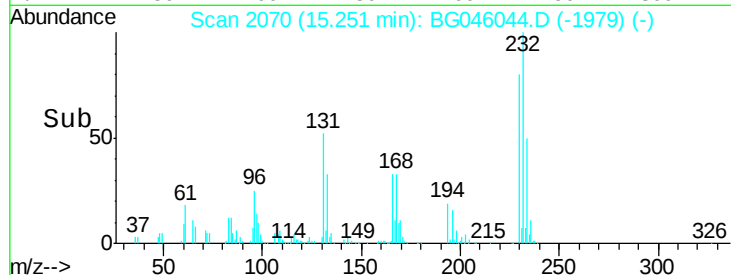
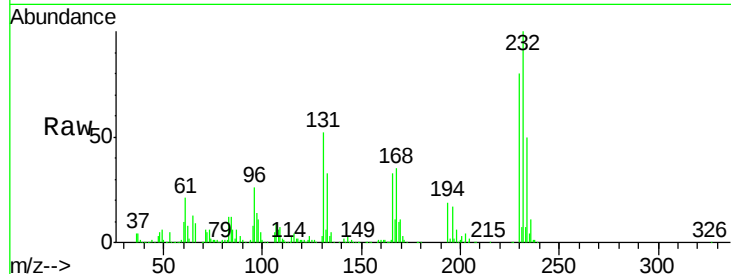
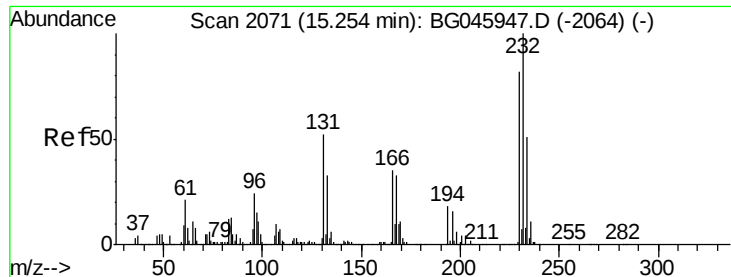
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1012802		
165	99.8		78.9	118.3
167	14.6		12.1	18.1

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.097 ng m

RT: 15.25 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		268446		
131	44.3	35.8	53.6		
130	2.9	2.5	3.7		
166	26.5	21.8	32.8		

Instrument :

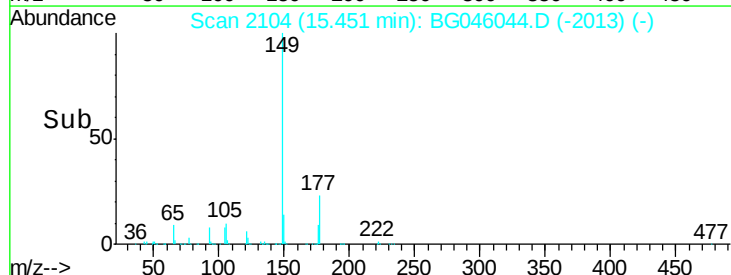
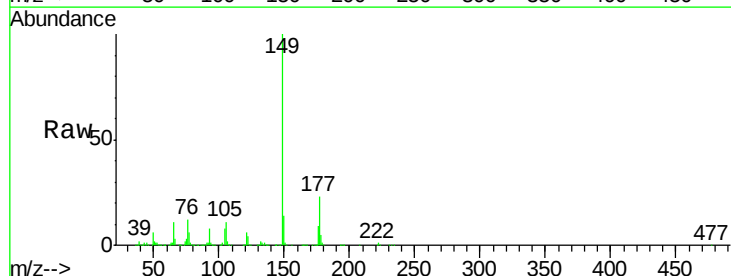
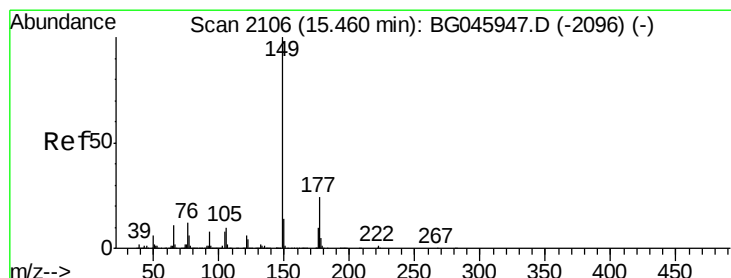
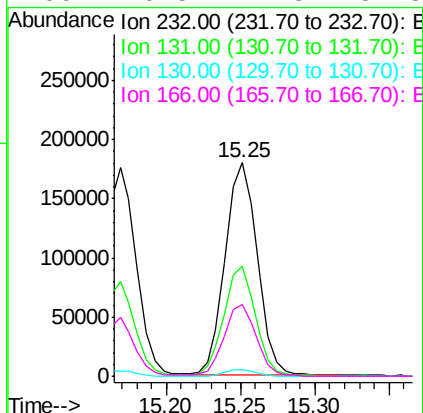
BNA_G

ClientSampleId :

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#60

Diethylphthalate

Concen: 51.063 ng

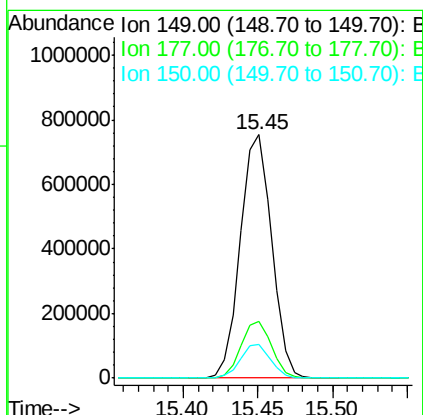
RT: 15.45 min Scan# 2104

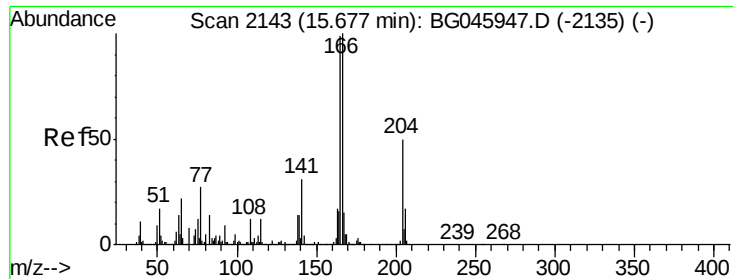
Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1096938		
177	23.3	19.0	28.4		
150	13.9	11.0	16.4		





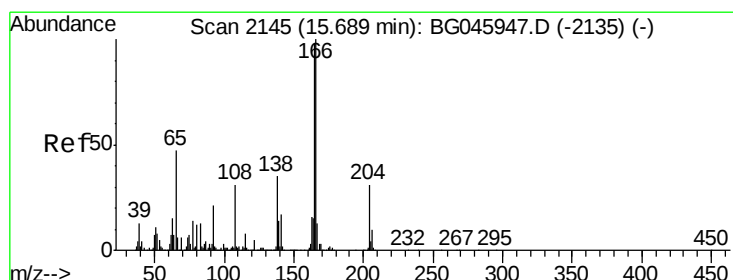
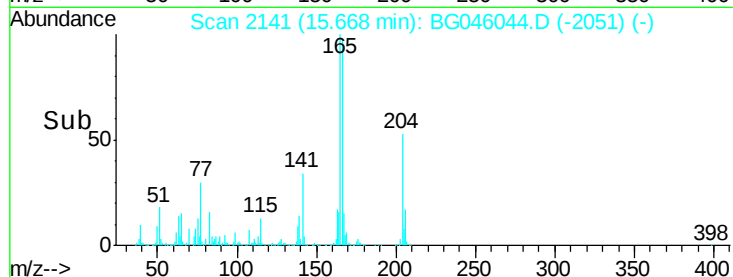
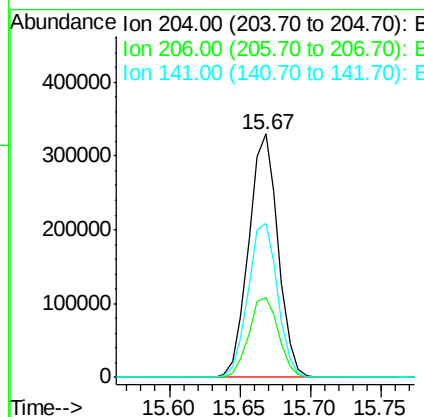
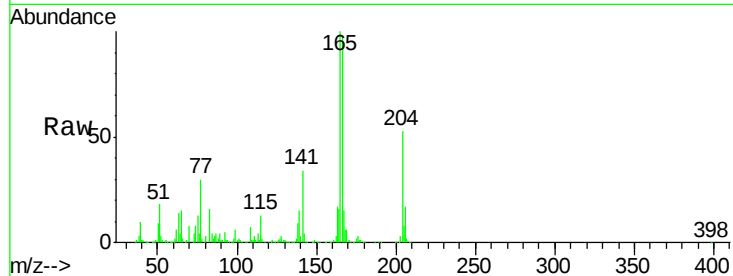
#61
4-Chlorophenyl-phenylether
Concen: 48.717 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.1	40.7
141	63.1	49.8	74.8

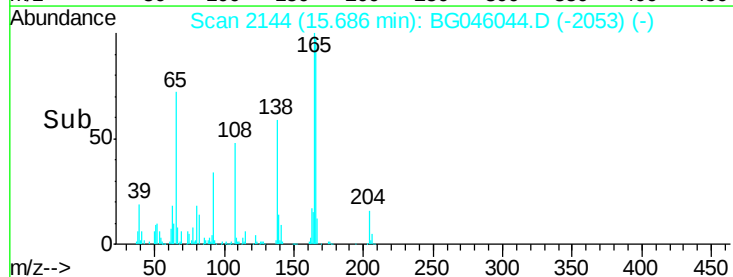
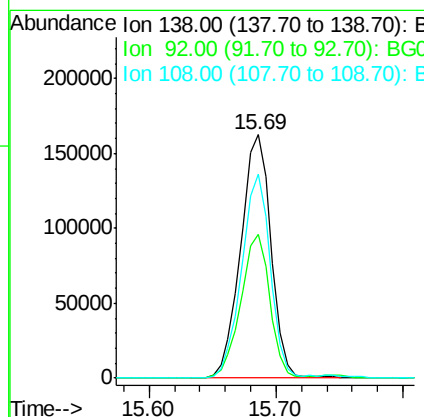
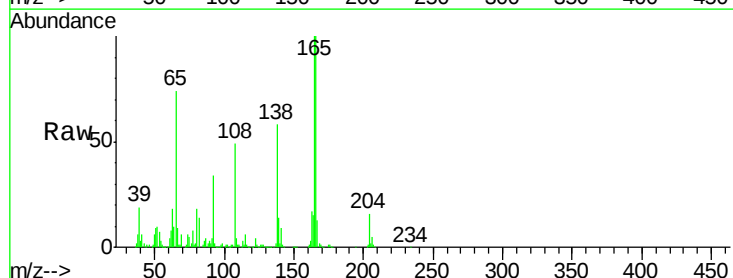
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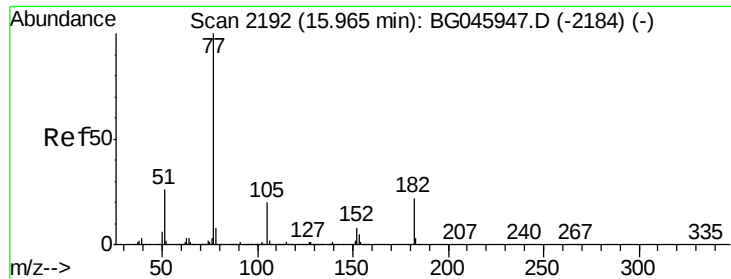
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#62
4-Nitroaniline
Concen: 63.722 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.0	40.3	80.3
108	83.9	68.0	108.0





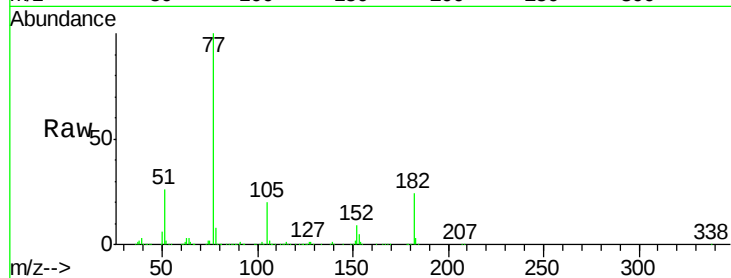
#63
Azobenzene
Concen: 53.453 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

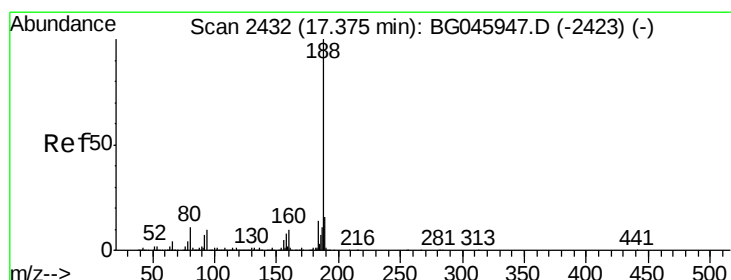
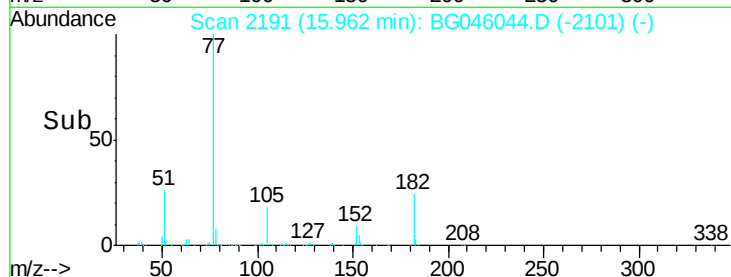
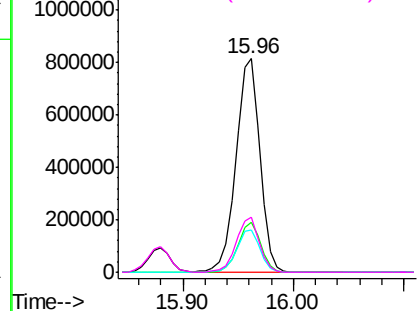
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.6	2.4	42.4	
105	20.0	0.3	40.3	
51	25.9	6.3	46.3	

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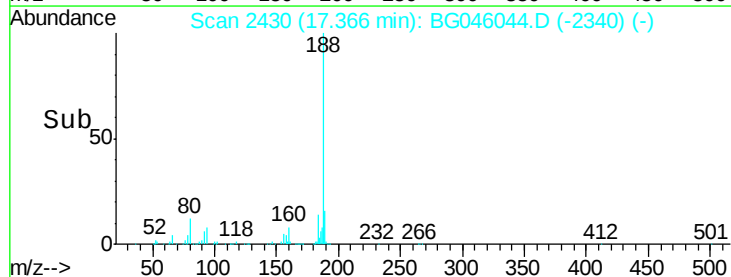
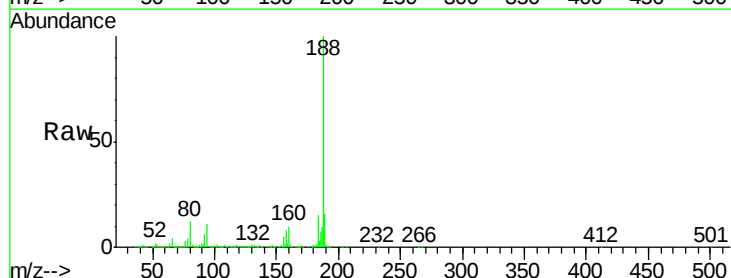
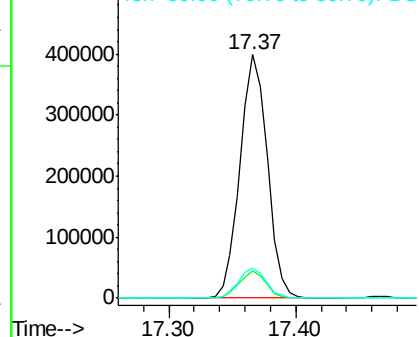
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

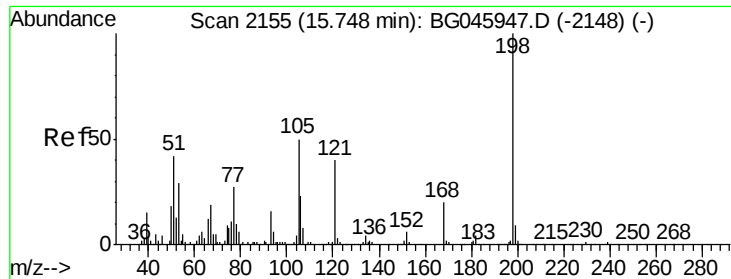


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.4	8.2	12.4	
80	12.5	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: 50.352 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

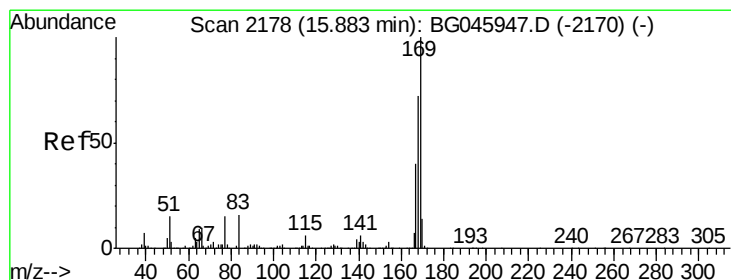
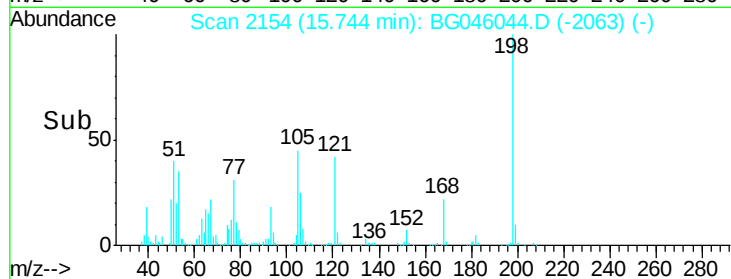
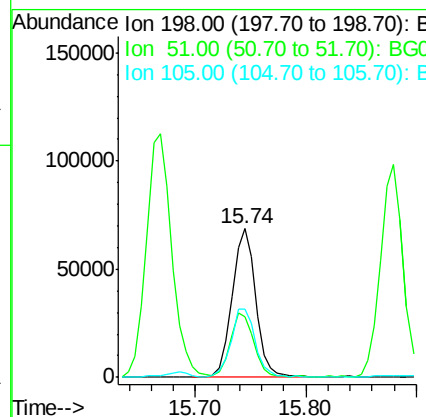
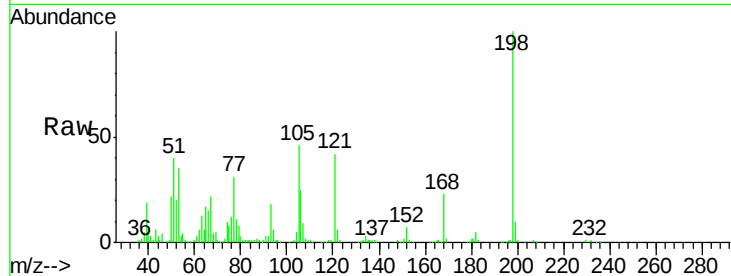
ClientSampleId :

CL-02-070920MSD

Tot Ion:	198	Resp:	103641
Ion Ratio	Lower	Upper	
198	100		
51	40.3	24.5	64.5
105	45.5	30.9	70.9

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#66

n-Nitrosodiphenylamine

Concen: 50.287 ng

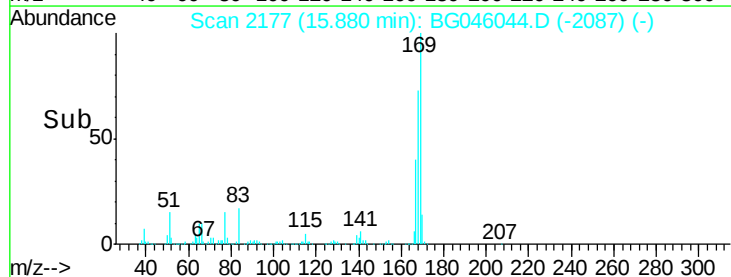
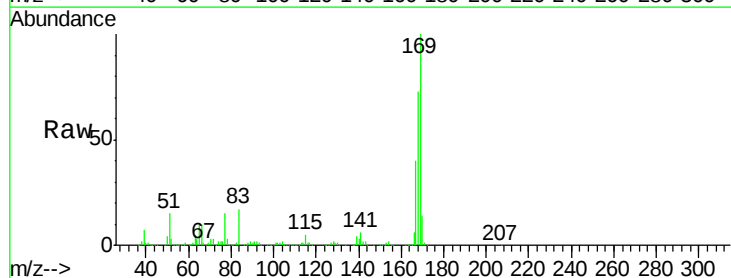
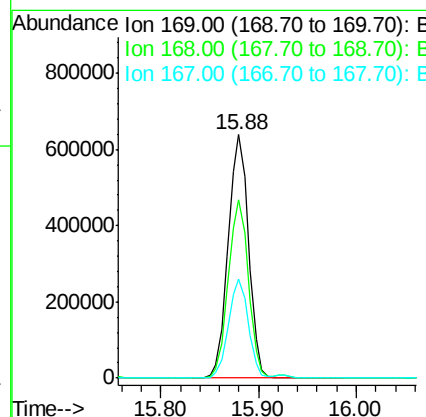
RT: 15.88 min Scan# 2177

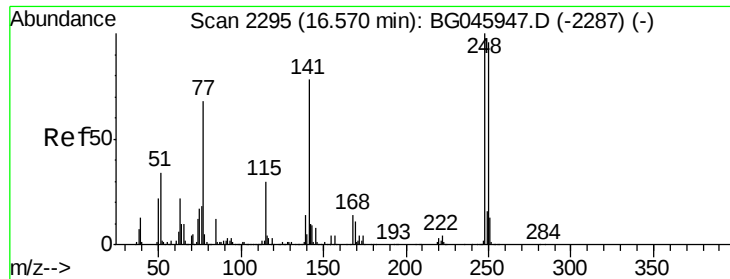
Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	169	Resp:	924428
Ion Ratio	Lower	Upper	
169	100		
168	73.3	57.3	85.9
167	40.4	32.1	48.1





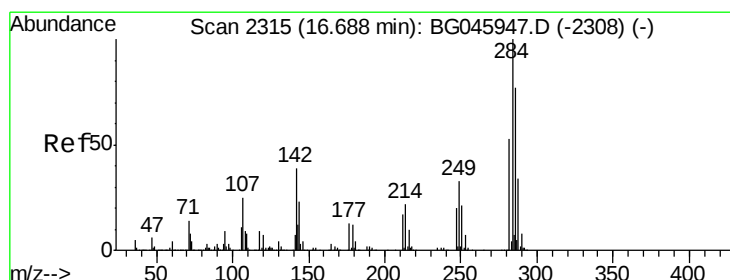
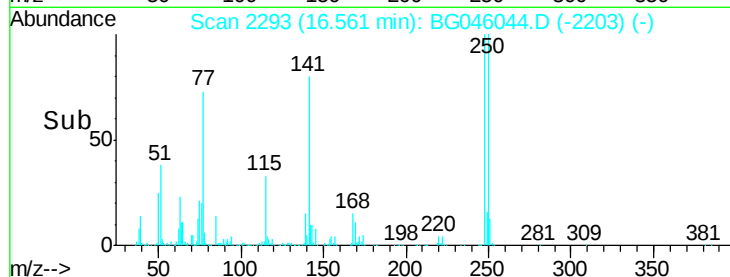
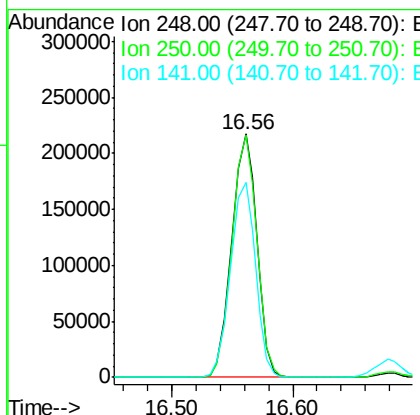
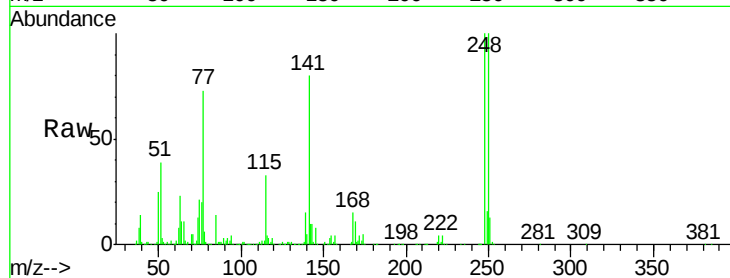
#67
4-Bromophenyl-phenylether
Concen: 47.602 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.6	114.8
141	80.0	62.7	94.1

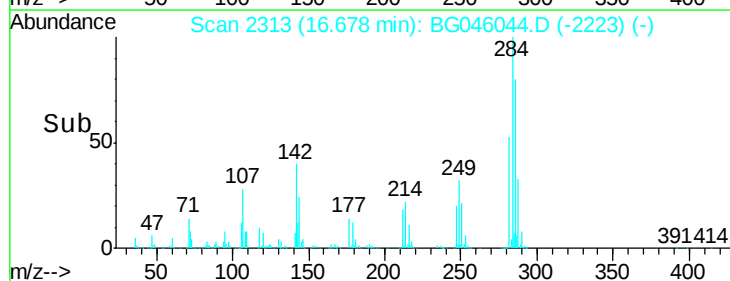
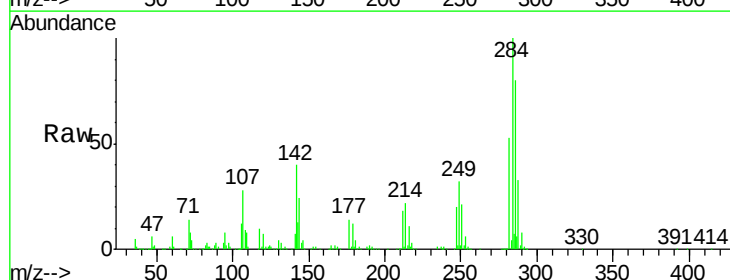
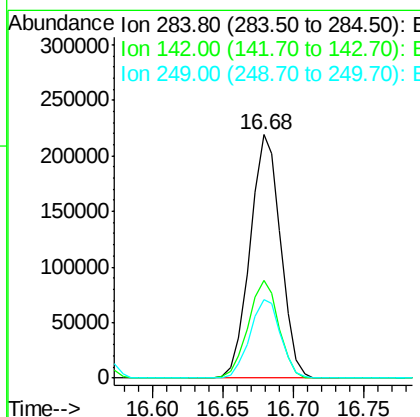
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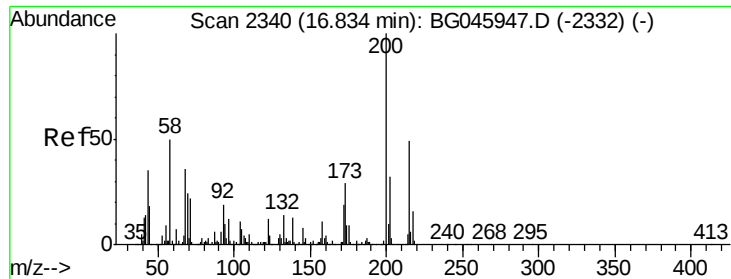
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#68
Hexachlorobenzene
Concen: 49.995 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.3	31.3	46.9
249	32.0	26.8	40.2





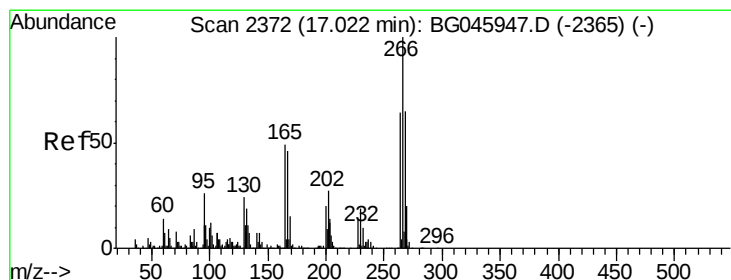
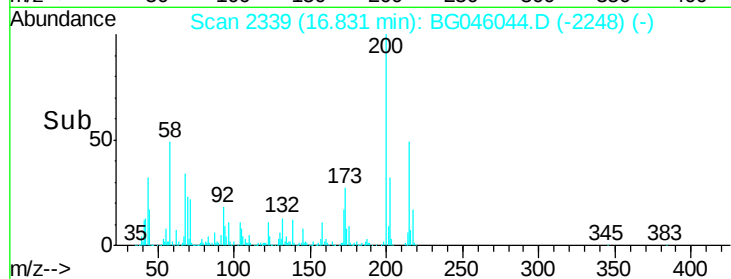
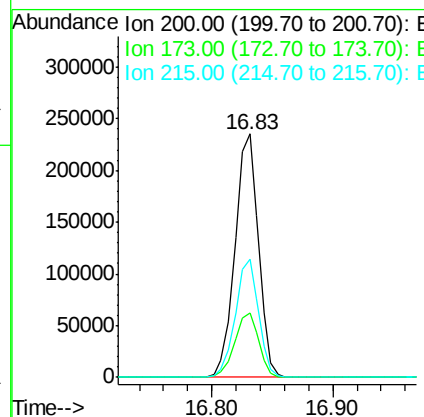
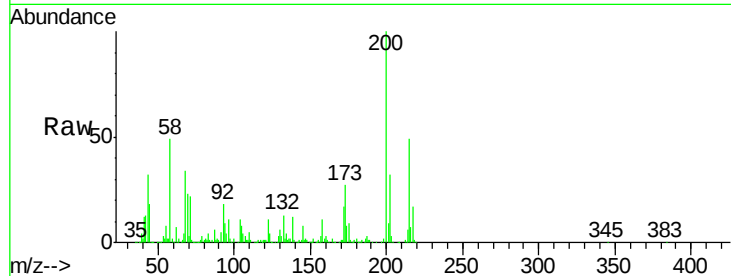
#69
 Atrazine
 Concen: 58.400 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	317411		
173	26.5	9.1	49.1	
215	48.8	28.8	68.8	

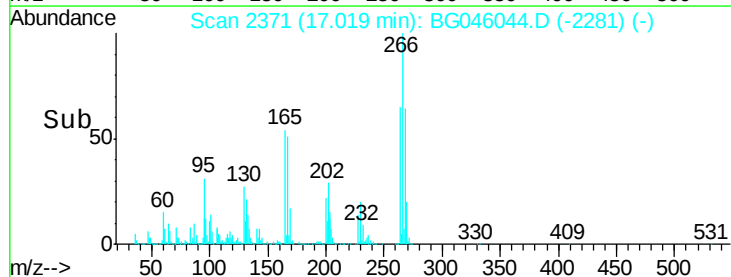
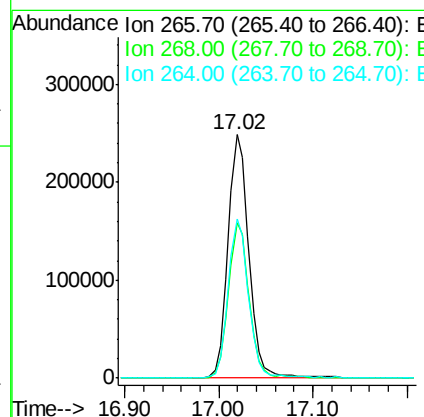
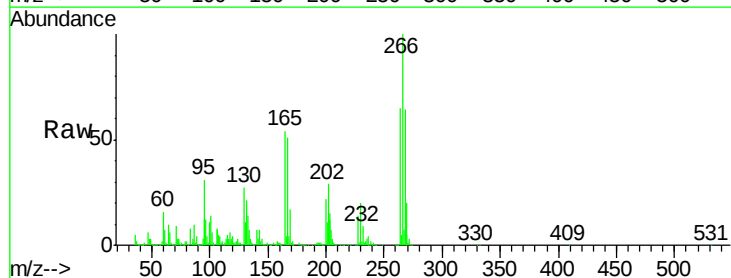
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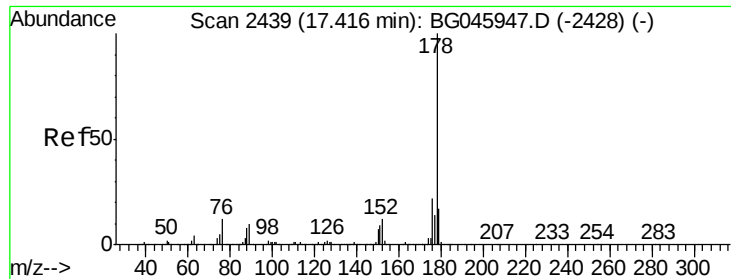
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#70
 Pentachlorophenol
 Concen: 104.369 ng
 RT: 17.02 min Scan# 2371
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	385800		
268	63.8	51.8	77.8	
264	65.3	51.4	77.0	





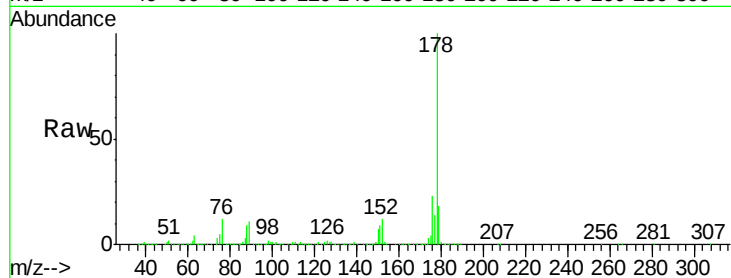
#71
Phenanthrene
Concen: 51.170 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

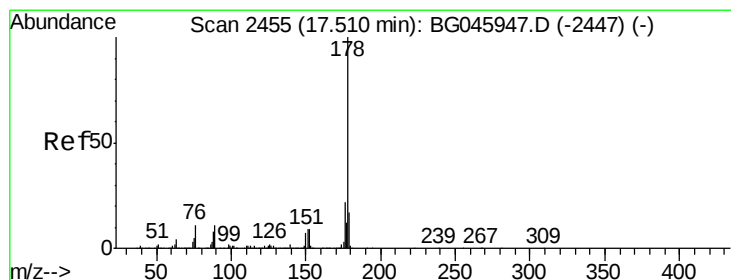
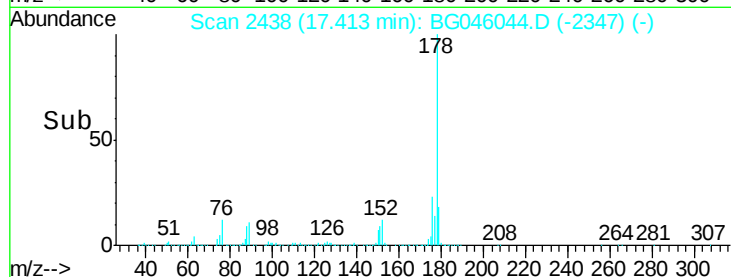
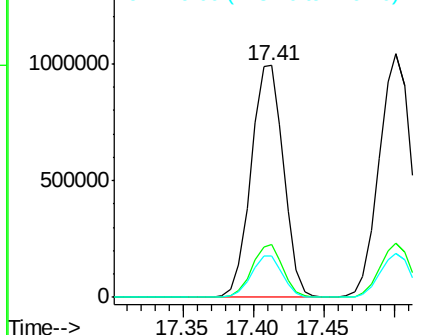
Tot Ion:178 Resp: 1604825
Ion Ratio Lower Upper
178 100
176 22.9 17.4 26.2
179 17.6 13.4 20.2

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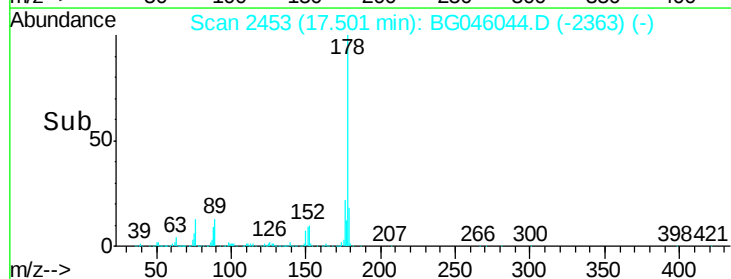
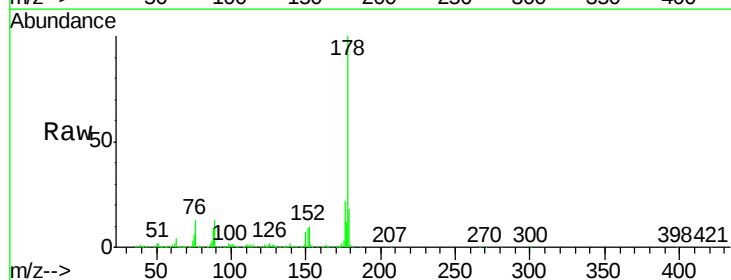
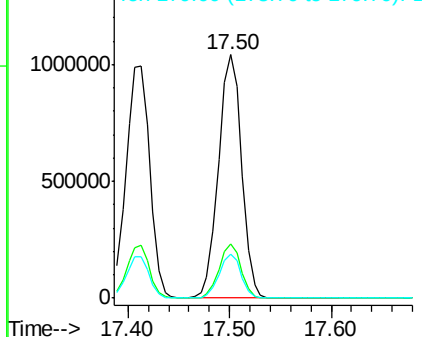
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

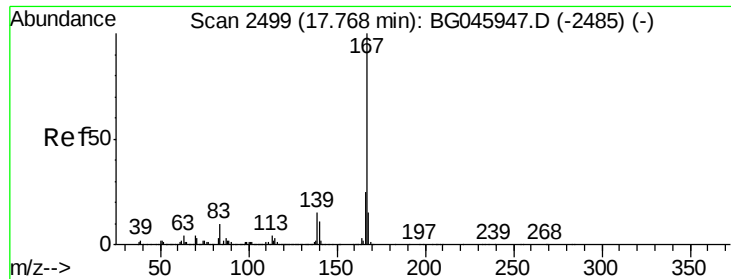


#72
Anthracene
Concen: 51.760 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion:178 Resp: 1647383
Ion Ratio Lower Upper
178 100
176 22.1 17.2 25.8
179 18.2 14.0 21.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





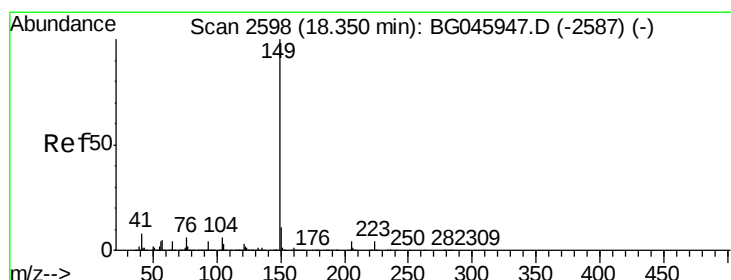
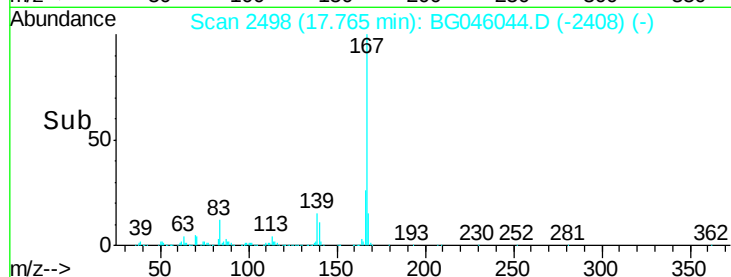
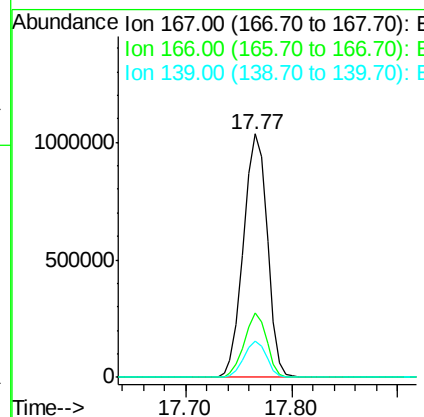
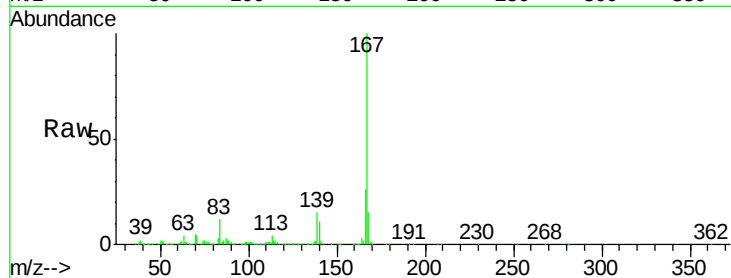
#73
 Carbazole
 Concen: 50.830 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.3	20.4	30.6
139	14.9	11.8	17.8

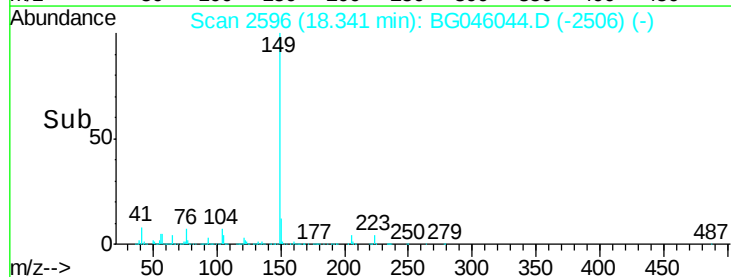
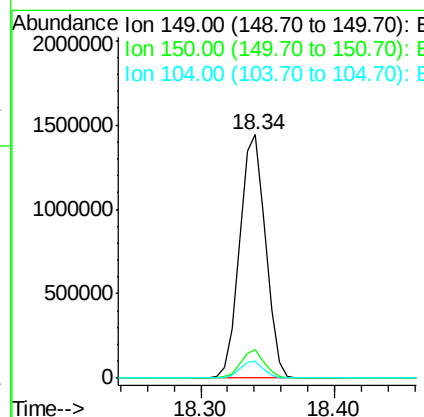
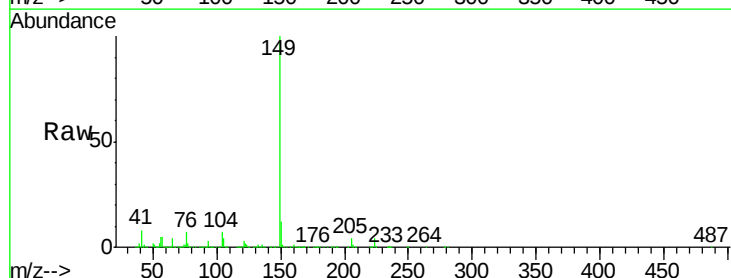
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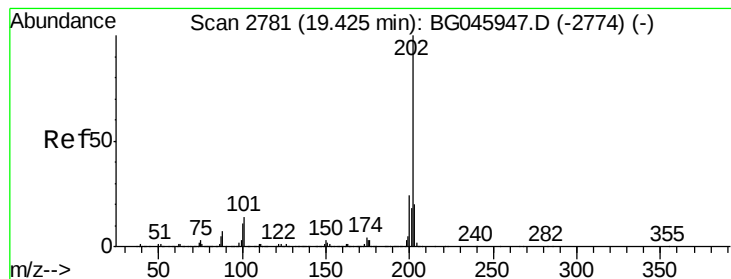
mohammad
 7/15/2020 11:01:43 AM



#74
 Di-n-butylphthalate
 Concen: 50.245 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.0	13.4
104	6.8	5.2	7.8





#75

Fluoranthene

Concen: 53.486 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

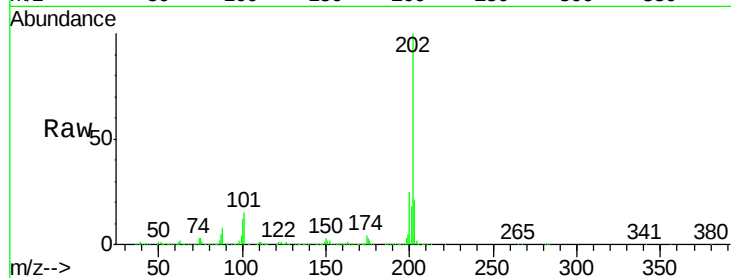
ClientSampleId :

CL-02-070920MSD

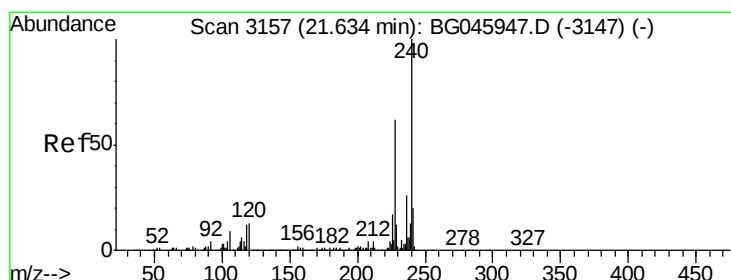
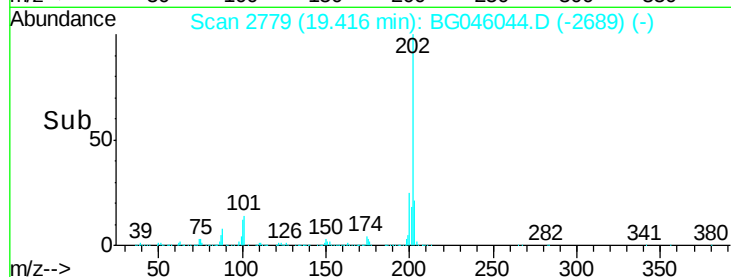
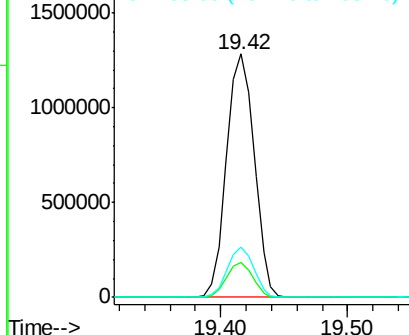
Tot Ion:	202	Resp:	1939153
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	33.8
203	20.8	0.4	40.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

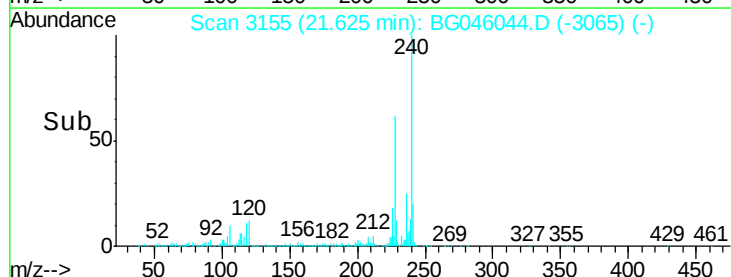
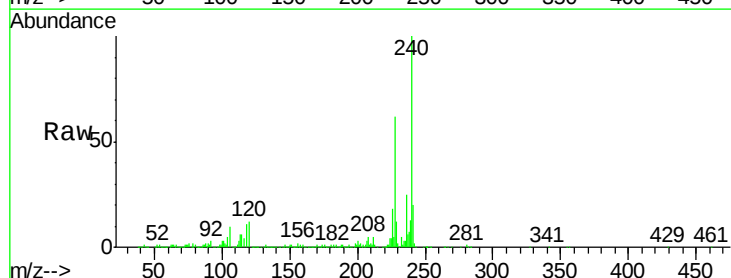
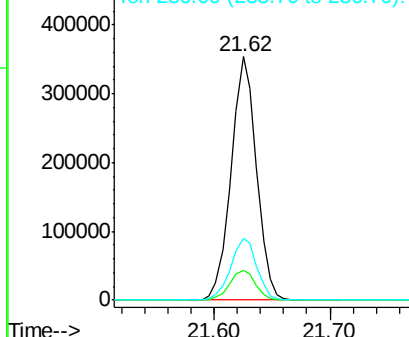
Delta R.T. -0.00 min

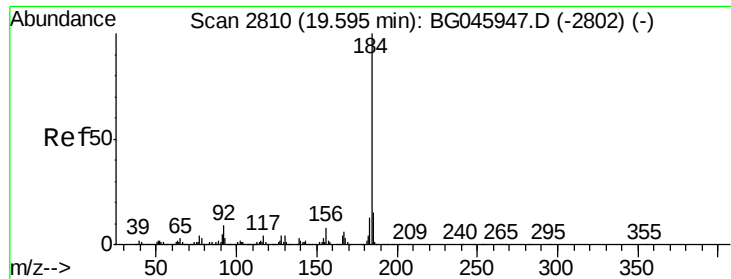
Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	240	Resp:	536607
Ion Ratio	Lower	Upper	
240	100		
120	12.3	10.6	16.0
236	25.4	20.4	30.6

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





#77

Benzidine

Concen: 25.052 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

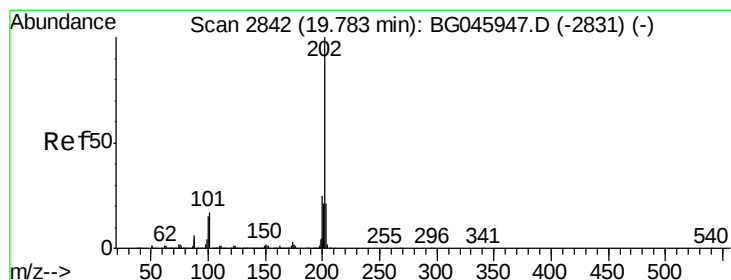
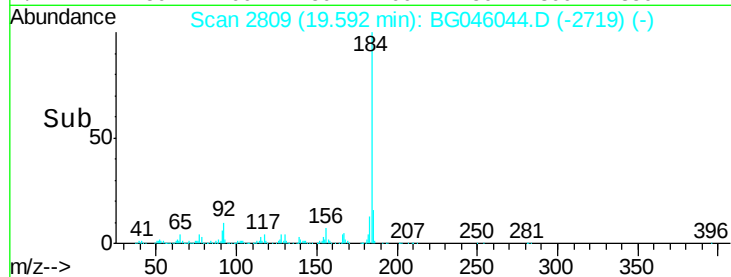
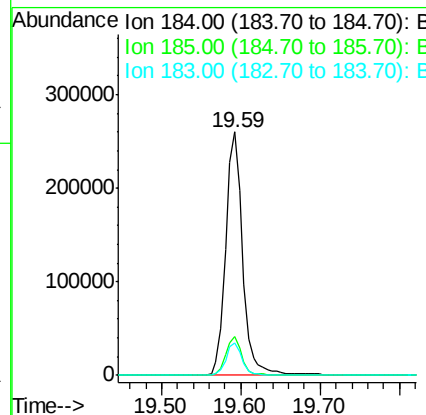
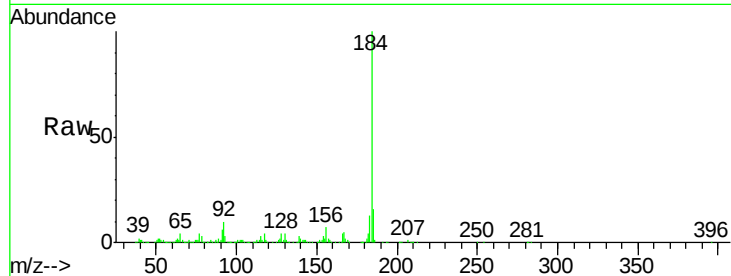
ClientSampleId :

CL-02-070920MSD

Tot Ion:	184	Resp:	384365
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.6	17.4
183	13.3	10.4	15.6

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#78

Pyrene

Concen: 52.488 ng

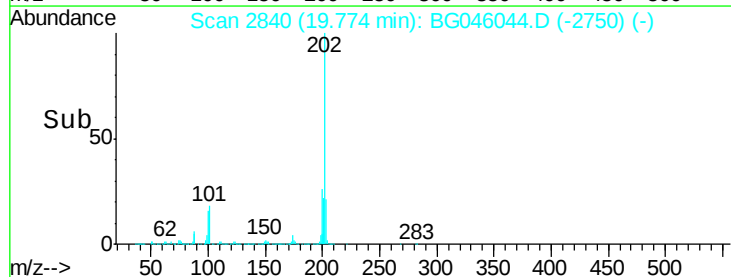
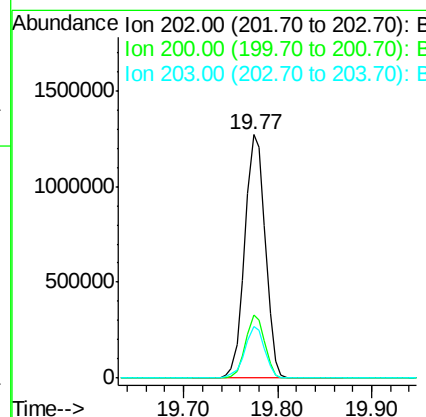
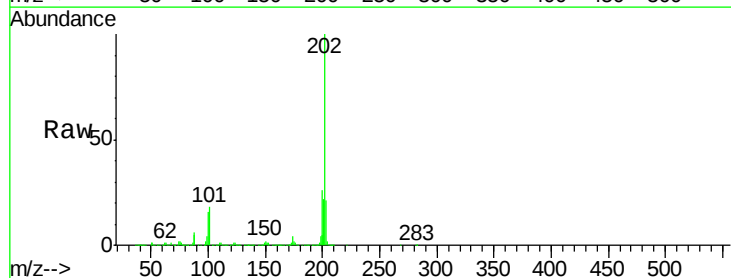
RT: 19.77 min Scan# 2840

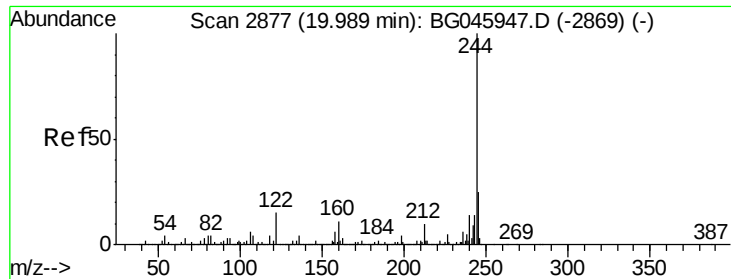
Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Tgt Ion:	202	Resp:	1922581
Ion Ratio	Lower	Upper	
202	100		
200	26.1	20.1	30.1
203	21.3	16.5	24.7





#79

Terphenyl-d14

Concen: 82.617 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MSD

Tot Ion:244 Resp: 1992023

Ion Ratio Lower Upper

244 100

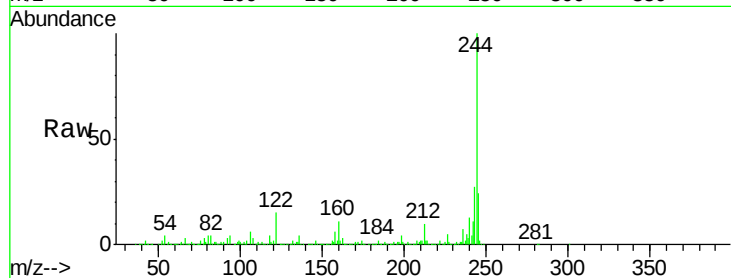
212 10.0 8.3 12.5

122 14.6 12.1 18.1

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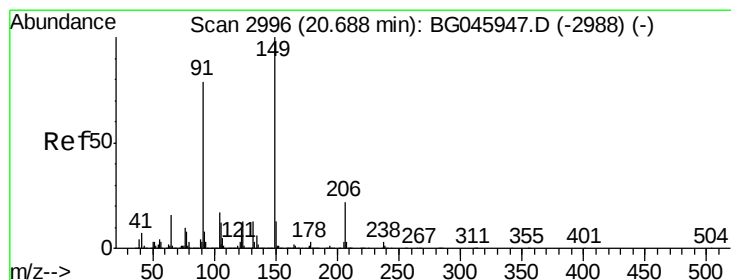
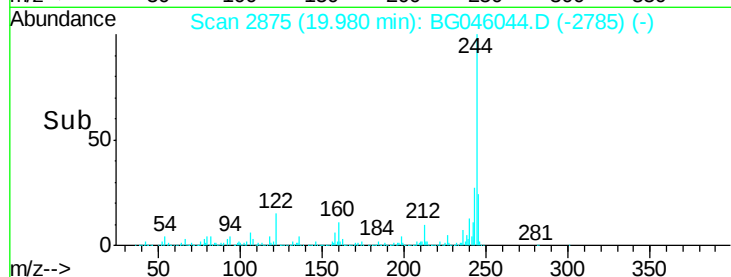
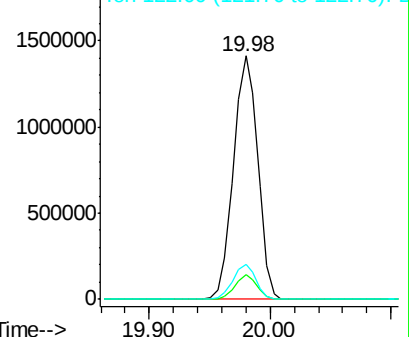
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.552 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

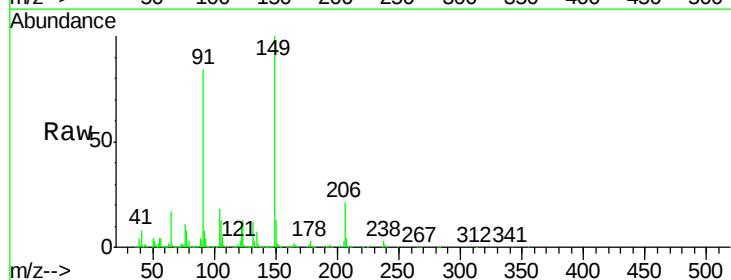
Tgt Ion:149 Resp: 926953

Ion Ratio Lower Upper

149 100

91 84.2 63.1 94.7

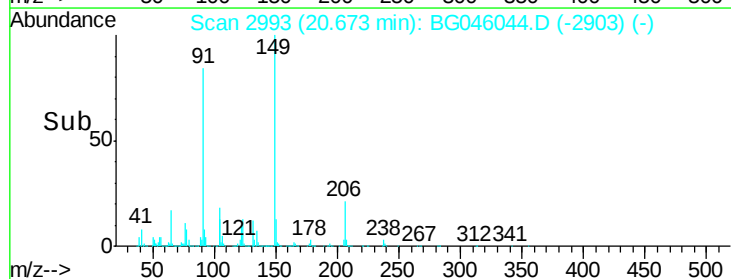
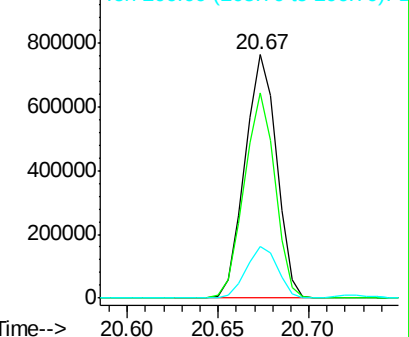
206 21.3 17.4 26.0

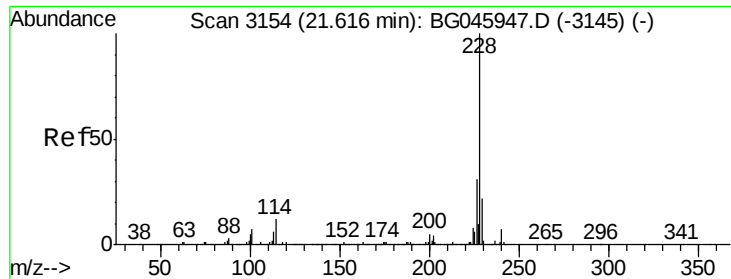


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.168 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

Instrument :

BNA_G

ClientSampleId :

CL-02-070920MSD

Tot Ion:228 Resp: 1770110

Ion Ratio Lower Upper

228 100

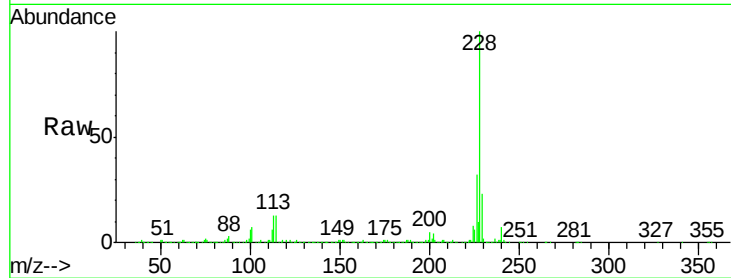
226 31.7 24.8 37.2

229 22.8 17.8 26.8

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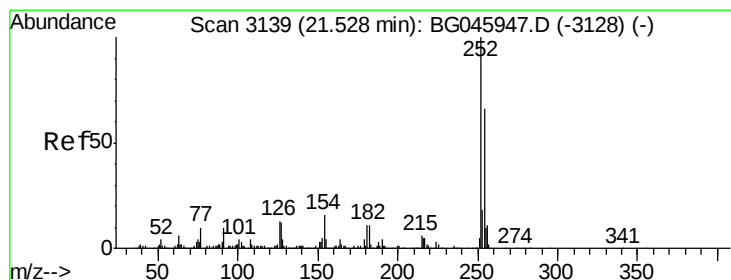
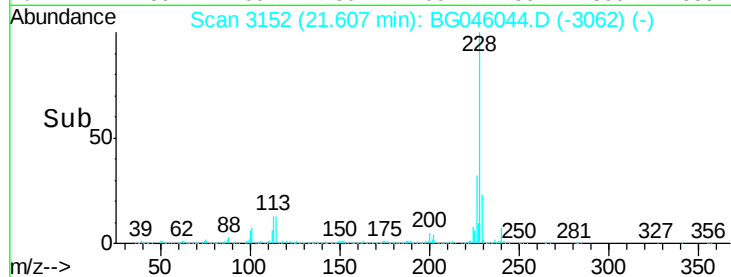
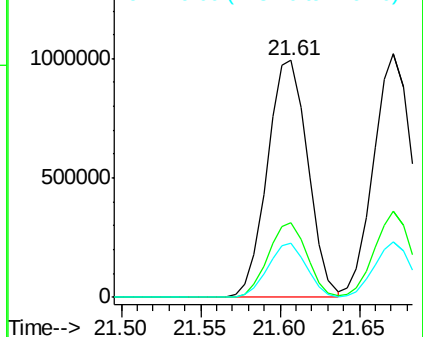
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.276 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG046044.D

Acq: 14 Jul 2020 22:30

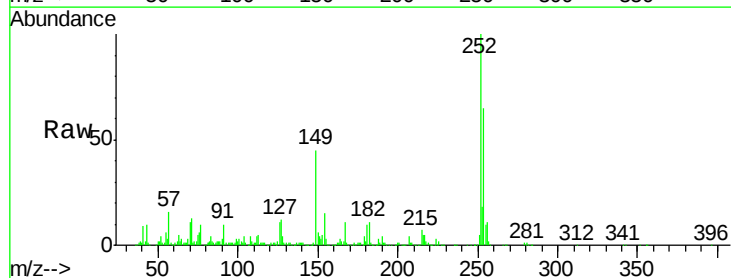
Tgt Ion:252 Resp: 316510

Ion Ratio Lower Upper

252 100

254 64.9 52.9 79.3

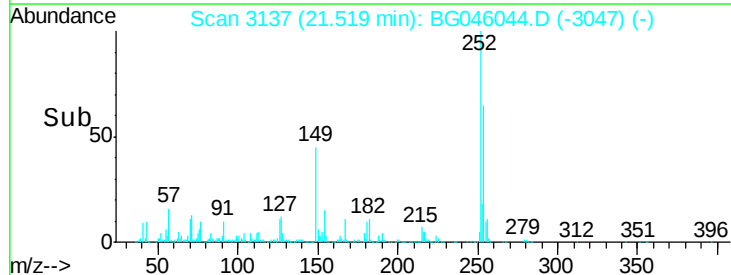
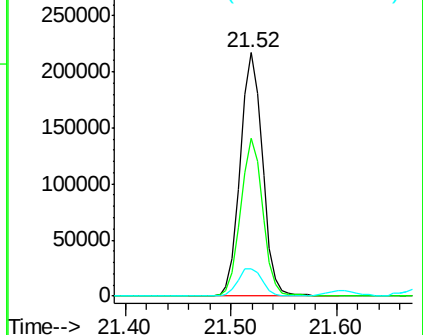
126 11.2 10.4 15.6

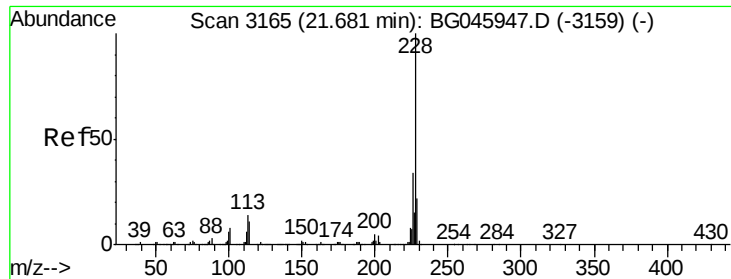


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





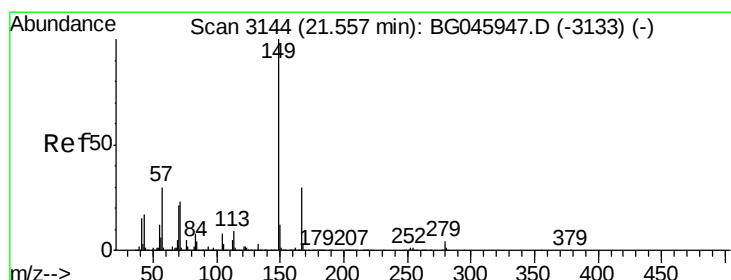
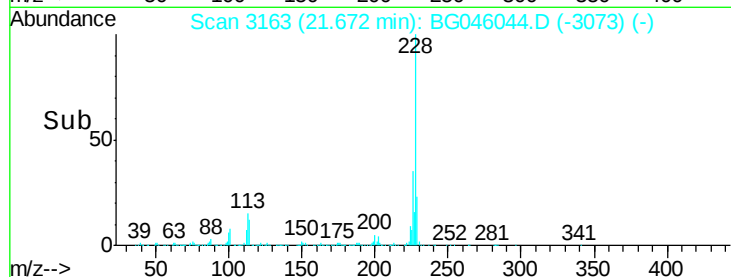
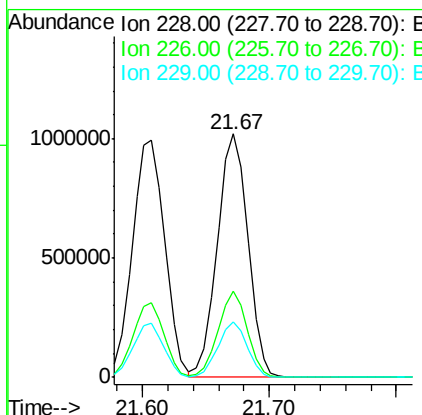
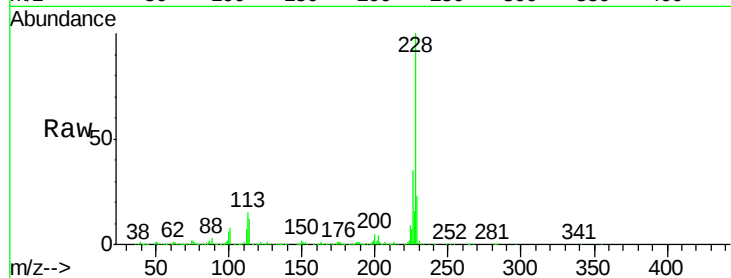
#83
Chrysene
Concen: 50.775 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion:228 Resp: 1706736
Ion Ratio Lower Upper
228 100
226 35.3 26.7 40.1
229 23.0 17.3 25.9

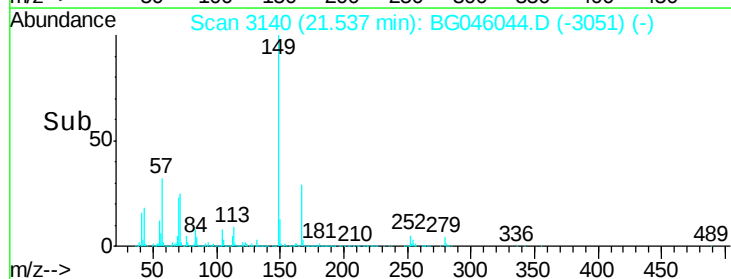
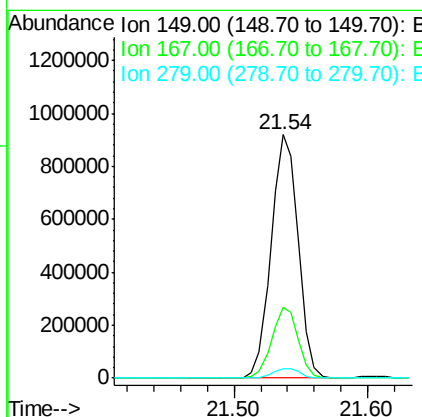
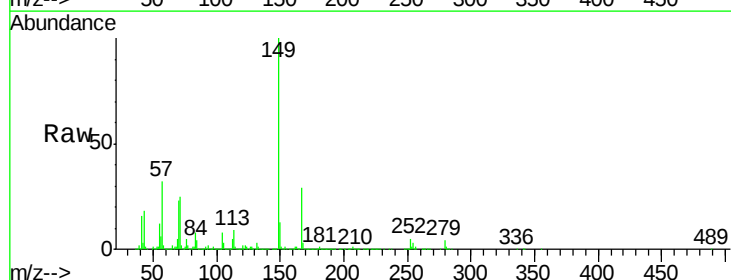
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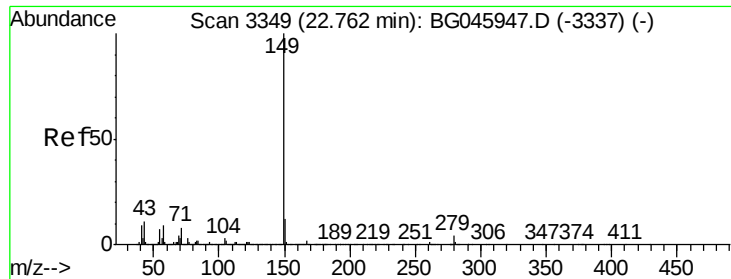
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.600 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion:149 Resp: 1296493
Ion Ratio Lower Upper
149 100
167 29.3 23.8 35.8
279 4.0 3.5 5.3





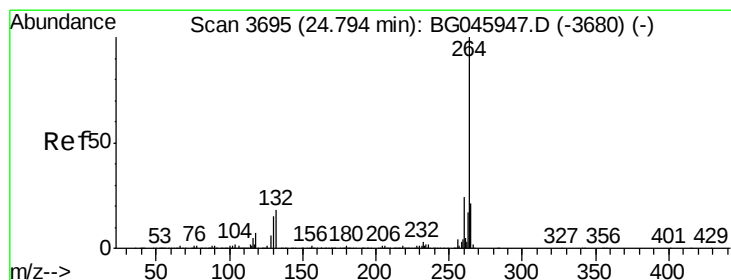
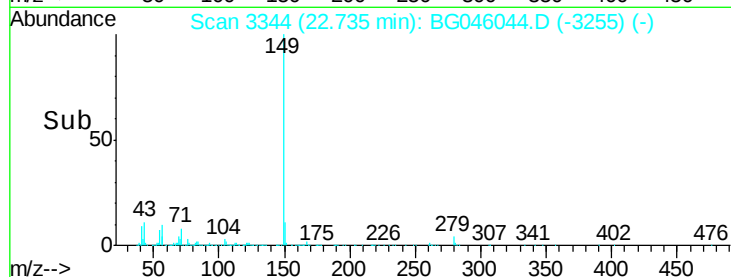
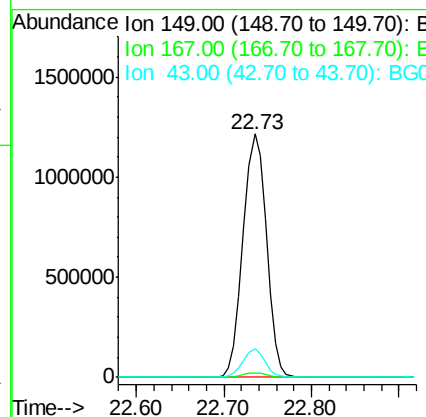
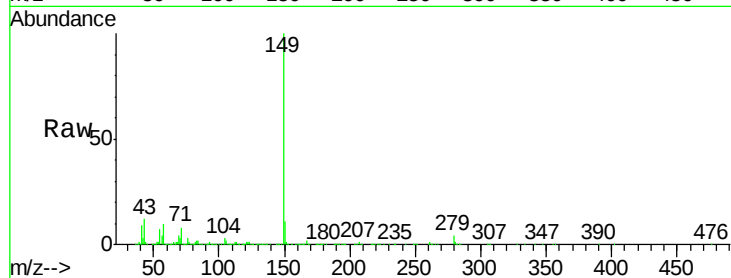
#85
Di-n-octyl phthalate
Concen: 50.217 ng
RT: 22.73 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.8	8.6	12.8

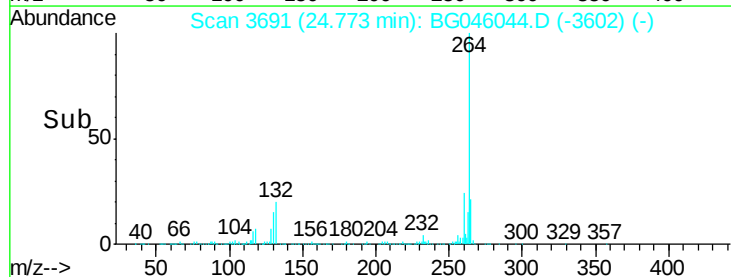
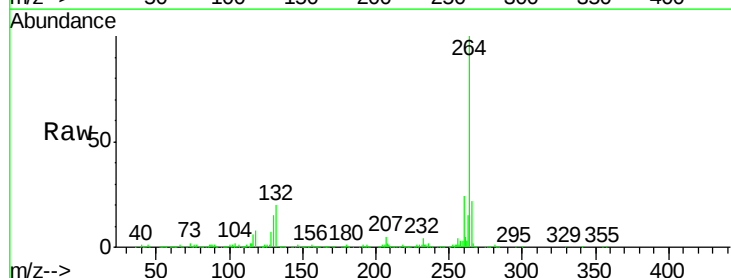
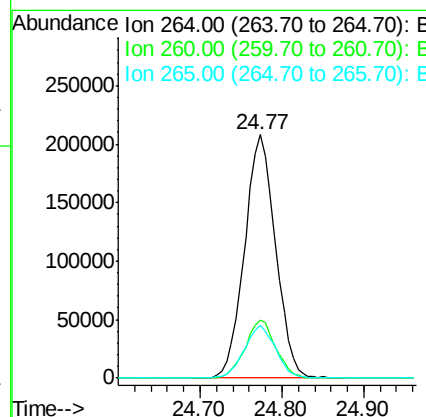
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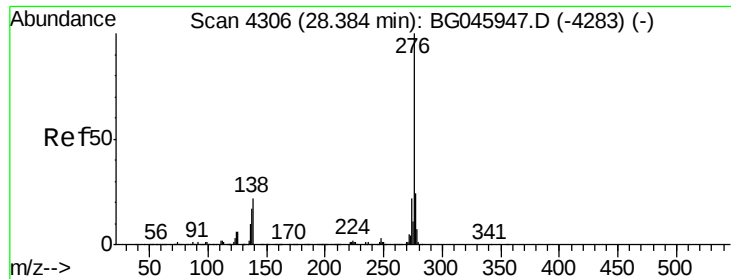
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.5	16.9	25.3





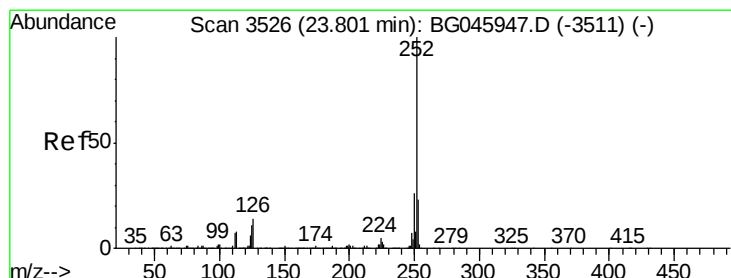
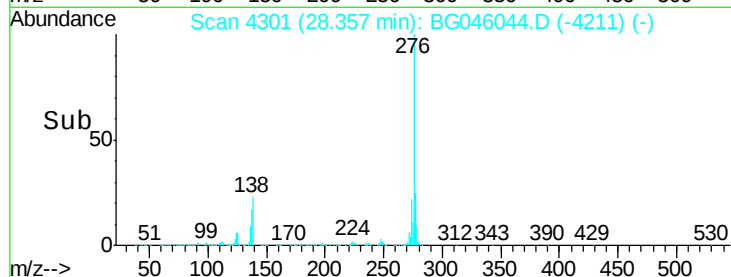
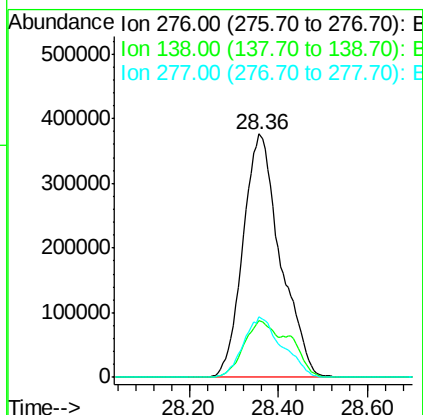
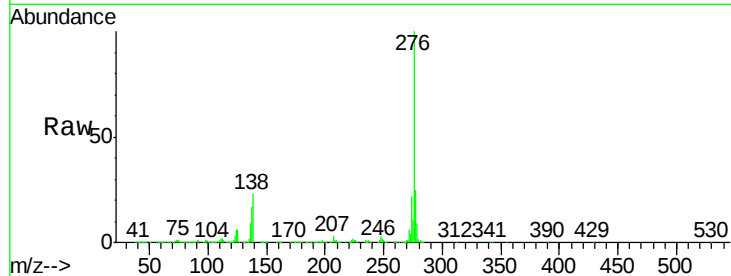
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.283 ng
 RT: 28.36 min Scan# 4301
 Delta R.T. -0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.4	24.6
277	25.8	20.6	31.0

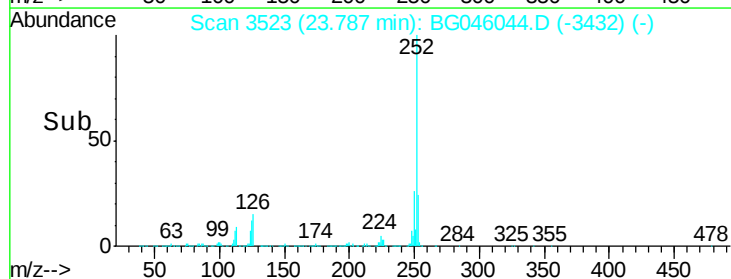
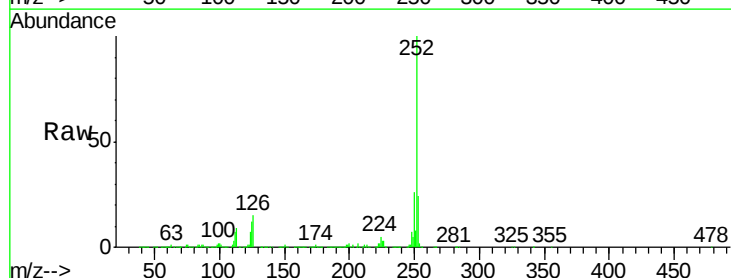
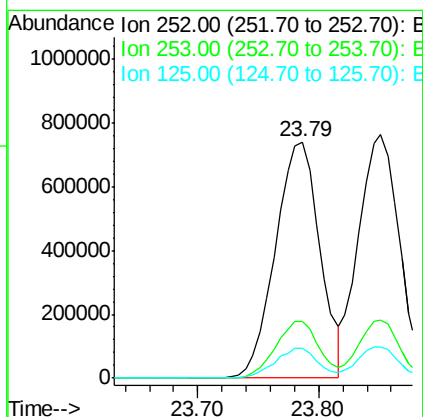
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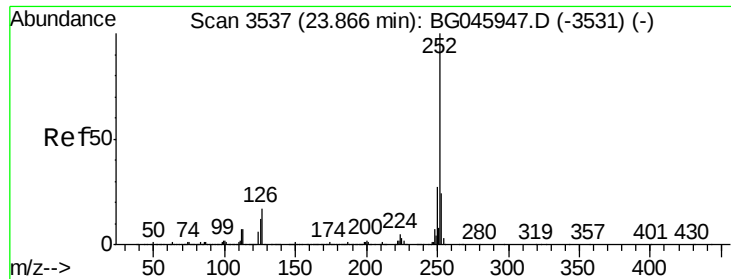
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#88
 Benzo(b)fluoranthene
 Concen: 54.278 ng
 RT: 23.79 min Scan# 3523
 Delta R.T. 0.00 min
 Lab File: BG046044.D
 Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	12.4	9.2	13.8





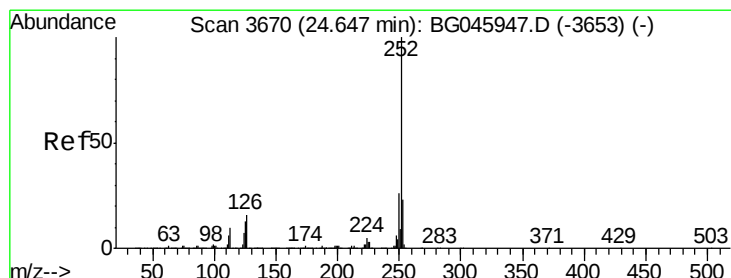
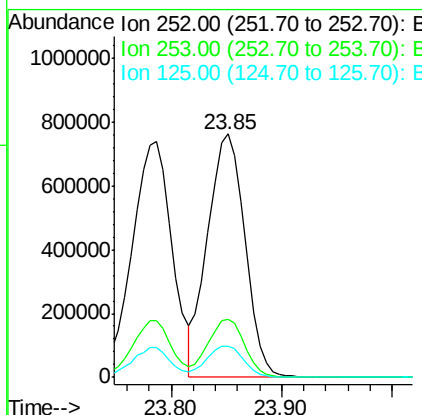
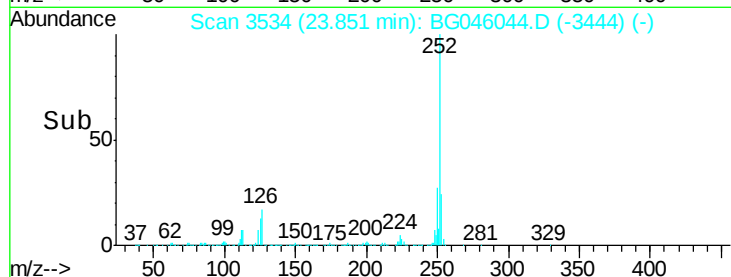
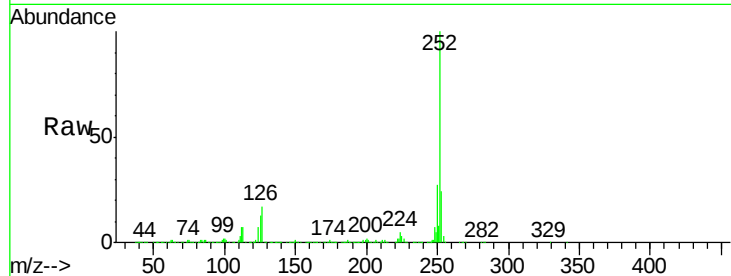
#89
Benzo(k)fluoranthene
Concen: 54.301 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion:252 Resp: 1784073
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 12.9 9.6 14.4

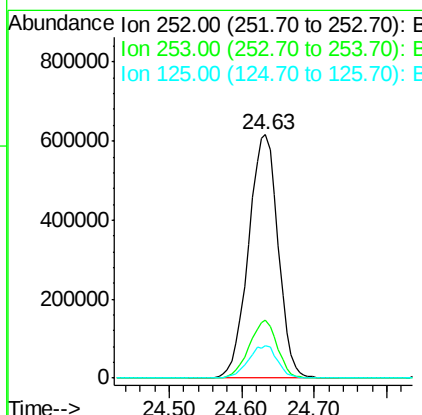
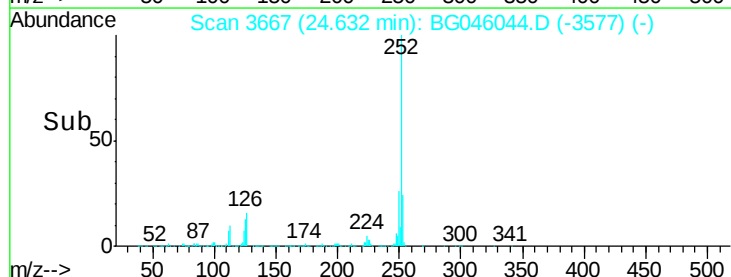
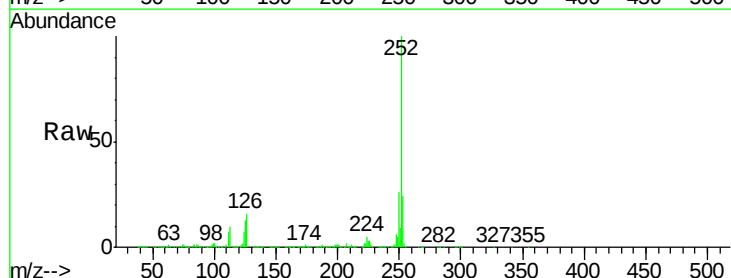
Manual Integrations
APPROVED

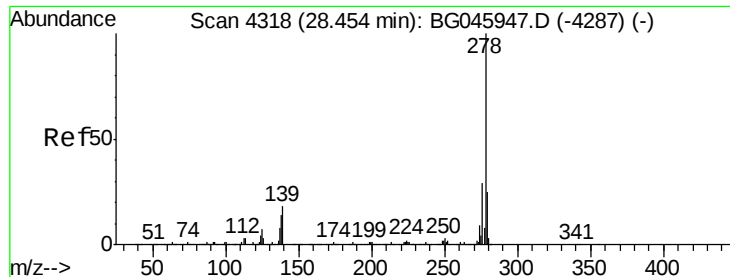
mohammad
7/15/2020 11:01:43 AM



#90
Benzo(a)pyrene
Concen: 53.152 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion:252 Resp: 1736697
Ion Ratio Lower Upper
252 100
253 24.0 18.6 28.0
125 13.3 10.5 15.7





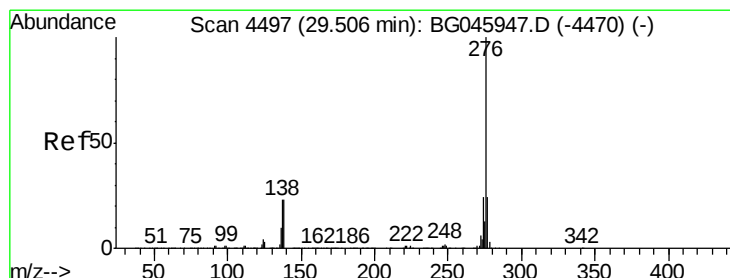
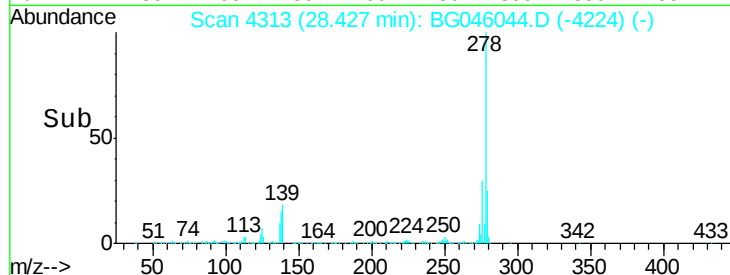
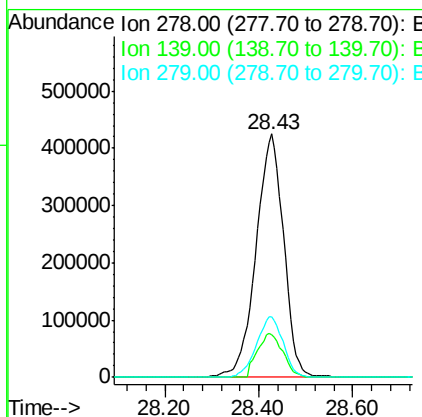
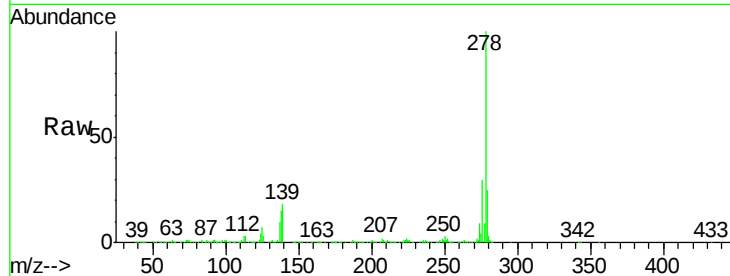
#91
Dibenzo(a,h)anthracene
Concen: 53.932 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.01 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Instrument :
BNA_G
ClientSampleId :
CL-02-070920MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.3	21.5
279	25.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
7/15/2020 11:01:43 AM



#92
Benzo(g,h,i)perylene
Concen: 53.909 ng
RT: 29.47 min Scan# 4491
Delta R.T. -0.00 min
Lab File: BG046044.D
Acq: 14 Jul 2020 22:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	24.9	18.6	28.0

