

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
 Data File : BG046023.D
 Acq On : 13 Jul 2020 15:15
 Operator : CG/JU
 Sample : PB130129BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Manual Integrations
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Quant Time: Jul 13 15:53:49 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	149564	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	598262	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	363287	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	764950	20.00	ng	0.00
76) Chrysene-d12	21.63	240	648258	20.00	ng	0.00
86) Perylene-d12	24.78	264	672641	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	841830	91.28	ng	0.00
7) Phenol-d6	7.18	99	1138753	85.76	ng	0.01
23) Nitrobenzene-d5	9.16	82	1017734	97.91	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	299808	88.92	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1855297	79.66	ng	0.00
79) Terphenyl-d14	19.98	244	2408027	82.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	144594	33.982	ng	95
3) Pyridine	3.89	79	479299	37.253	ng	99
4) n-Nitrosodimethylamine	3.80	42	203724	46.827	ng	# 95
6) Aniline	7.32	93	603345	35.519	ng	99
8) 2-Chlorophenol	7.57	128	471245	47.465	ng	98
9) Benzaldehyde	7.14	77	162695	19.339	ng	99
10) Phenol	7.20	94	638495	47.936	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	457585	41.545	ng	98
12) 1,3-Dichlorobenzene	7.90	146	469140	40.996	ng	99
13) 1,4-Dichlorobenzene	8.04	146	468132	41.584	ng	99
14) 1,2-Dichlorobenzene	8.36	146	441067	40.709	ng	98
15) Benzyl Alcohol	8.24	79	455404	43.741	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	598049	41.616	ng	98
17) 2-Methylphenol	8.44	107	427216	42.745	ng	97
18) Hexachloroethane	9.09	117	180743	41.727	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	390559	41.869	ng	99
20) 3+4-Methylphenols	8.77	107	580801	42.639	ng	99
22) Acetophenone	8.82	105	649076	40.612	ng	98
24) Nitrobenzene	9.20	77	555715	48.440	ng	99
25) Isophorone	9.73	82	1000548	39.432	ng	98
26) 2-Nitrophenol	9.91	139	211673	56.607	ng	97
27) 2,4-Dimethylphenol	9.98	122	416483	46.113	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	608326	42.693	ng	98
29) 2,4-Dichlorophenol	10.45	162	434477	46.470	ng	99
30) 1,2,4-Trichlorobenzene	10.66	180	424021	40.930	ng	100
31) Naphthalene	10.85	128	1318688	41.117	ng	99
32) Benzoic acid	10.13	122	282491	50.777	ng	93
33) 4-Chloroaniline	10.95	127	370184	25.830	ng	99
34) Hexachlorobutadiene	11.15	225	231230	38.227	ng	99
35) Caprolactam	11.73	113	166275m	46.840	ng	
36) 4-Chloro-3-methylphenol	12.08	107	512979	48.172	ng	99
37) 2-Methylnaphthalene	12.46	142	952821	41.793	ng	99
38) 1-Methylnaphthalene	12.67	142	912845	42.426	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	412098	40.241	ng	99

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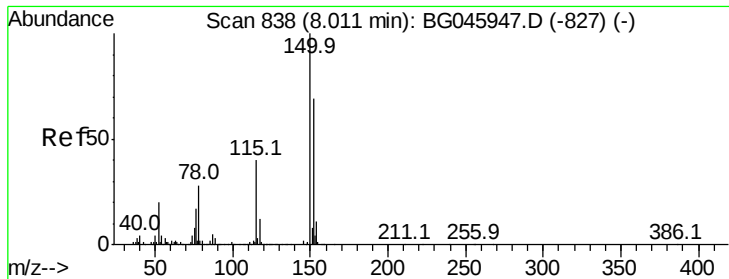
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	409243	67.348	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	324413	46.841	ng	97
44) 2,4,5-Trichlorophenol	13.14	196	355058	45.341	ng	96
46) 1,1'-Biphenyl	13.46	154	1149464	42.061	ng	99
47) 2-Chloronaphthalene	13.50	162	877753	40.707	ng	97
48) 2-Nitroaniline	13.70	65	336234	55.088	ng	99
49) Acenaphthylene	14.35	152	1441064	41.422	ng	99
50) Dimethylphthalate	14.08	163	1132735	41.547	ng	100
51) 2,6-Dinitrotoluene	14.20	165	249354	50.919	ng	95
52) Acenaphthene	14.69	154	984677	44.873	ng	99
53) 3-Nitroaniline	14.52	138	249160	42.037	ng	# 97
54) 2,4-Dinitrophenol	14.72	184	169972	92.168	ng	# 85
55) Dibenzofuran	15.02	168	1339801	41.652	ng	98
56) 4-Nitrophenol	14.84	139	477091	107.409	ng	96
57) 2,4-Dinitrotoluene	14.98	165	338172	53.540	ng	99
58) Fluorene	15.68	166	1099619	41.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	300624	49.723	ng	90
60) Diethylphthalate	15.45	149	1180557	41.289	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	528134	40.230	ng	100
62) 4-Nitroaniline	15.69	138	299224	53.102	ng	99
63) Azobenzene	15.96	77	1345882	43.857	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	135215	50.865	ng	97
66) n-Nitrosodiphenylamine	15.88	169	1004502	42.376	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	343247	40.177	ng	98
68) Hexachlorobenzene	16.68	284	355779	41.499	ng	95
69) Atrazine	16.83	200	320488	45.729	ng	97
70) Pentachlorophenol	17.02	266	438078	91.907	ng	98
71) Phenanthrene	17.41	178	1711914	42.331	ng	97
72) Anthracene	17.50	178	1744271	42.501	ng	98
73) Carbazole	17.77	167	1683069	40.914	ng	100
74) Di-n-butylphthalate	18.34	149	2008019	40.394	ng	98
75) Fluoranthene	19.42	202	1959050	41.905	ng	98
77) Benzidine	19.59	184	1172119	63.237	ng	97
78) Pyrene	19.78	202	1919468	43.378	ng	100
80) Butylbenzylphthalate	20.67	149	929507	44.451	ng	96
81) Benzo(a)anthracene	21.61	228	1773129	41.598	ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	558366	35.450	ng	98
83) Chrysene	21.67	228	1702762	41.932	ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	1293067	42.600	ng	98
85) Di-n-octyl phthalate	22.74	149	2228870	42.313	ng	99
87) Indeno(1,2,3-cd)pyrene	28.37	276	2222001	45.155	ng	98
88) Benzo(b)fluoranthene	23.79	252	1922603	45.026	ng	97
89) Benzo(k)fluoranthene	23.86	252	1807973	44.779	ng	99
90) Benzo(a)pyrene	24.63	252	1762712	43.901	ng	99
91) Dibenzo(a,h)anthracene	28.44	278	1778137	44.801	ng	100
92) Benzo(g,h,i)perylene	29.48	276	1780200	44.570	ng	99

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



#1

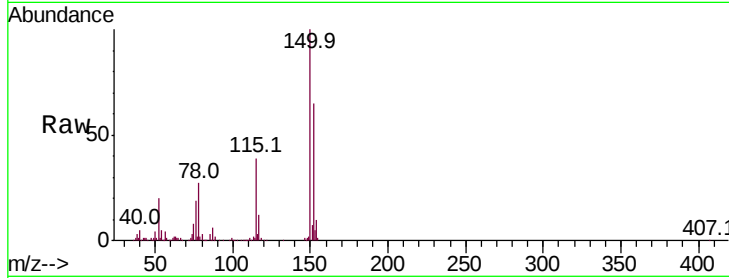
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	116.7	175.1
115	60.8	47.4	71.0

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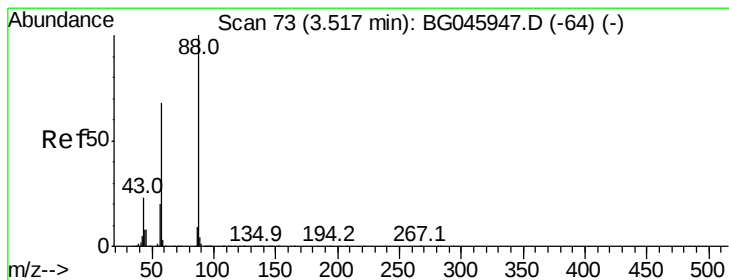
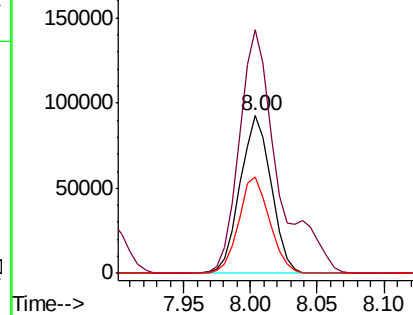
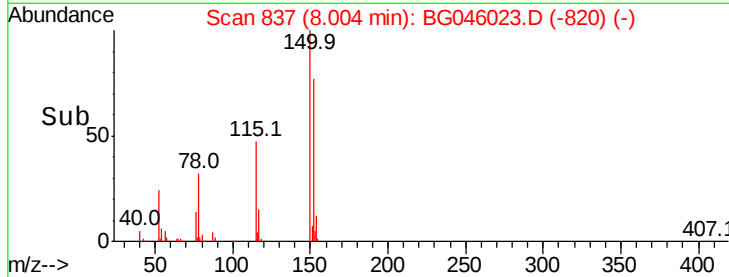


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

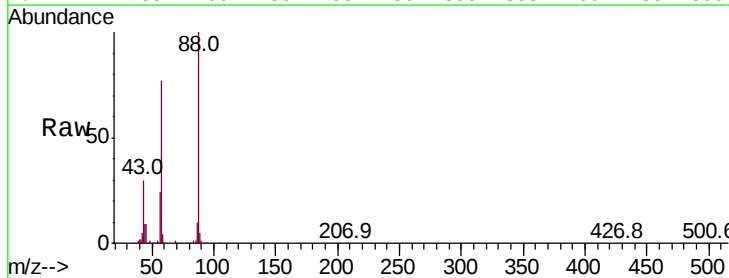
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.982 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	55.2	82.8
43	27.5	19.4	29.0

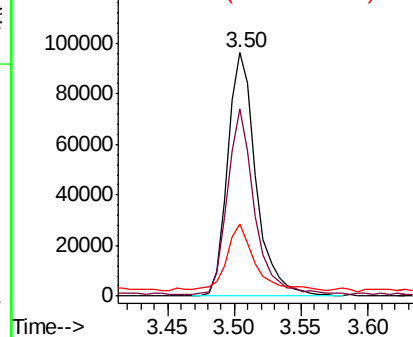
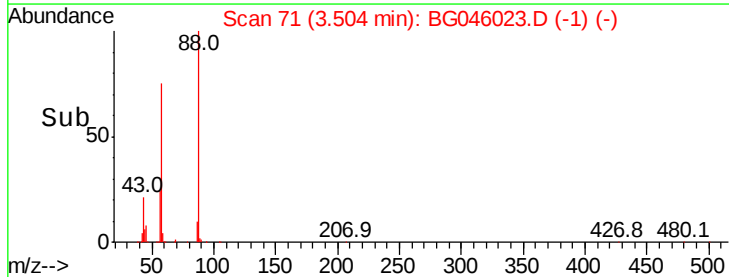


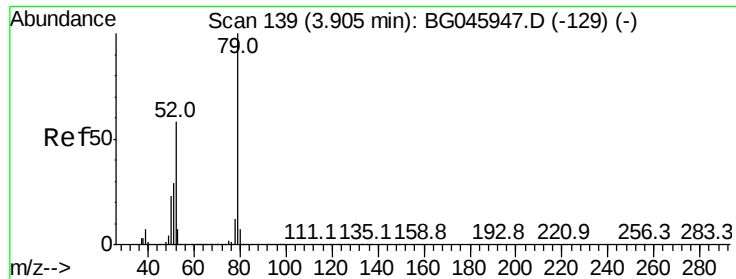
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.253 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG046023.D

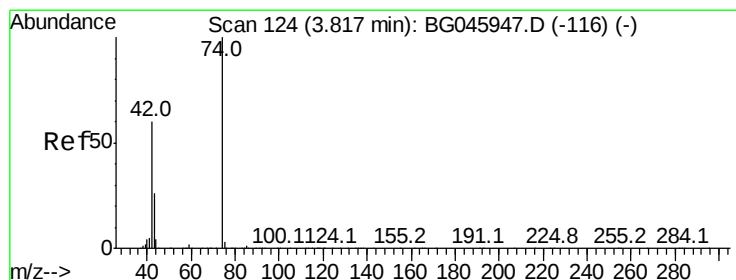
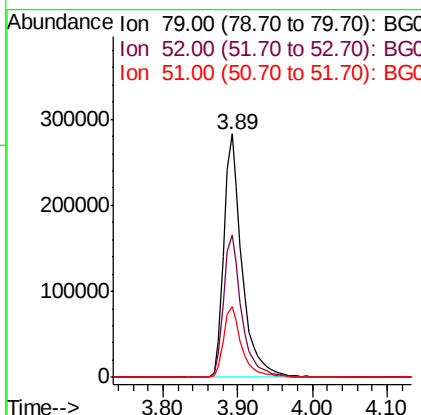
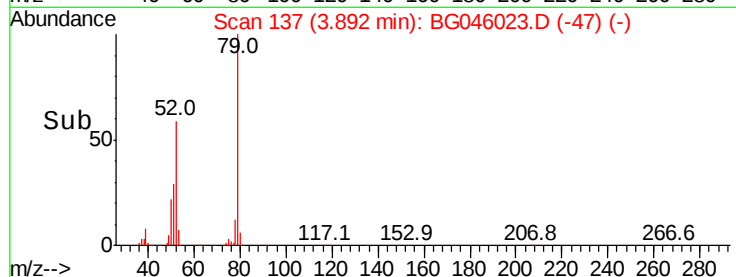
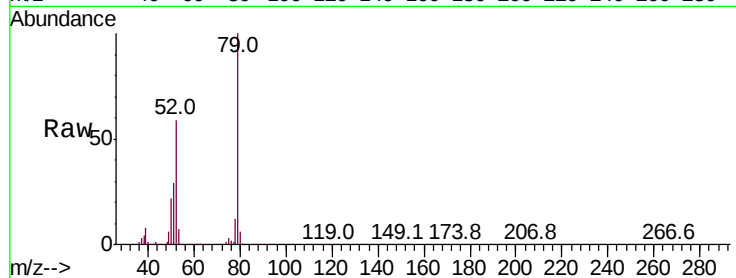
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.5	46.5	69.7
51	29.1	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 46.827 ng

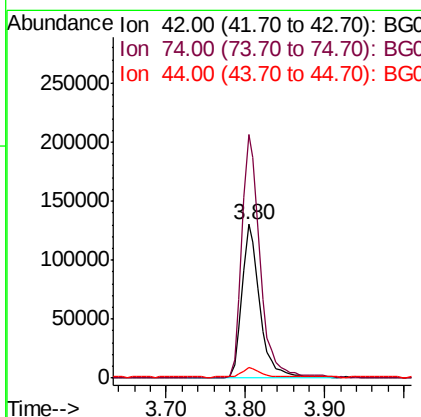
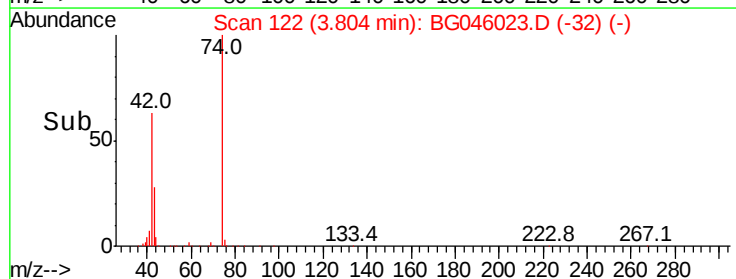
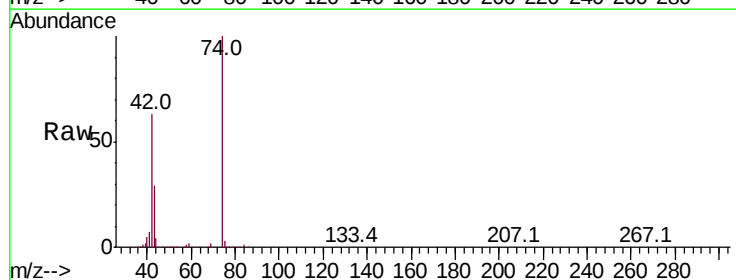
RT: 3.80 min Scan# 122

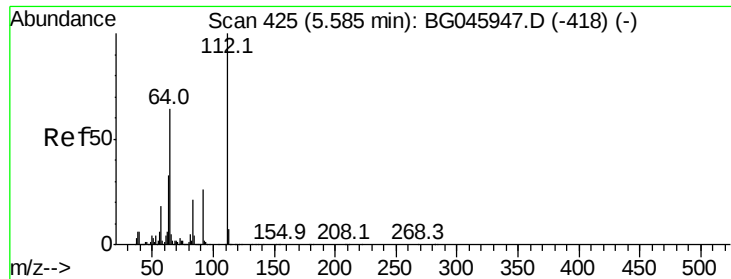
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.4	131.9	197.9
44	6.5	7.7	11.5





#5

2-Fluorophenol

Concen: 91.276 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

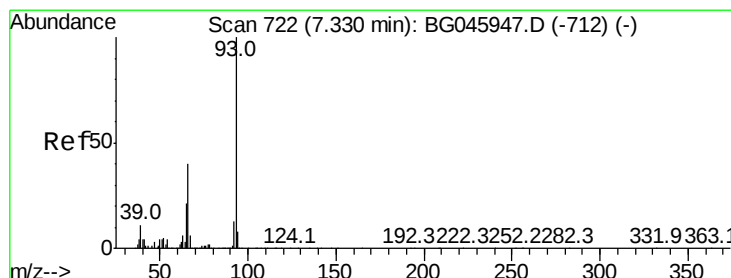
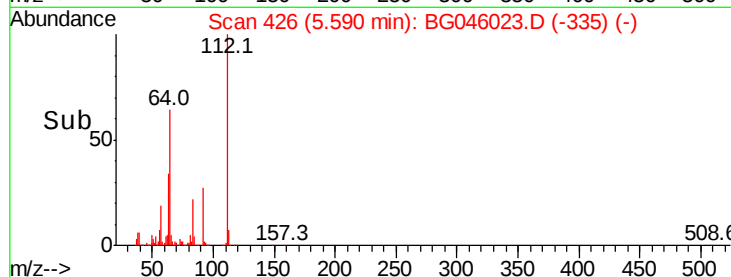
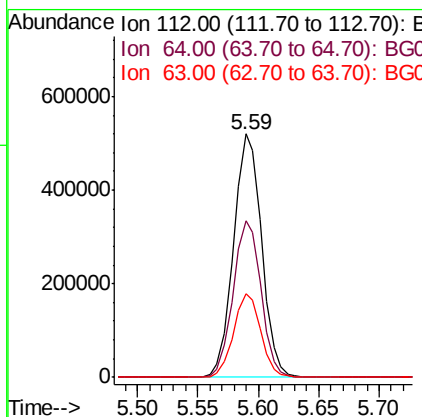
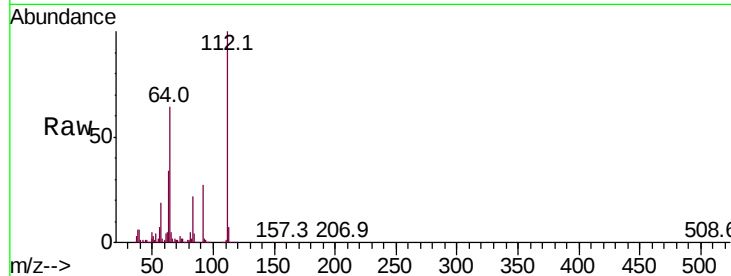
ClientSampleId :

PB130129BS

Tot Ion:	112	Resp:	841830
Ion Ratio	Lower	Upper	
112	100		
64	64.2	51.4	77.2
63	34.2	26.6	40.0

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#6

Aniline

Concen: 35.519 ng

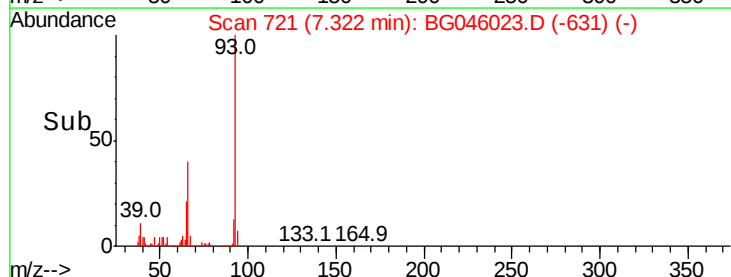
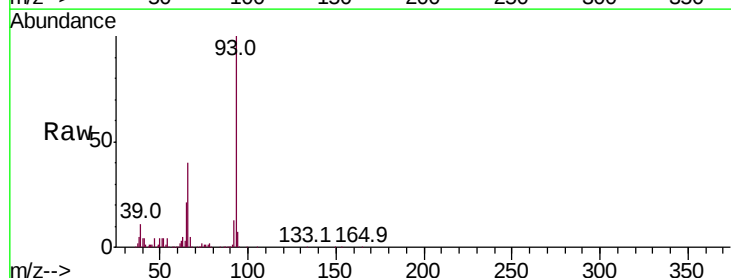
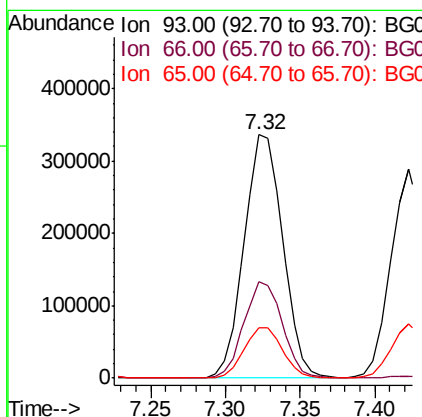
RT: 7.32 min Scan# 721

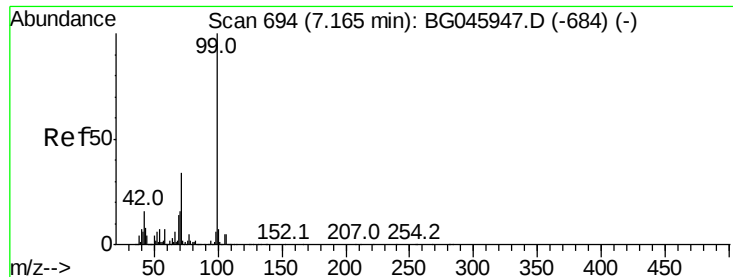
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:	93	Resp:	603345
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.3	48.5
65	20.9	16.6	25.0





#7

Phenol-d6

Concen: 85.761 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

Tot Ion: 99 Resp: 1138753

Ion Ratio Lower Upper

99 100

42 17.0 13.0 19.4

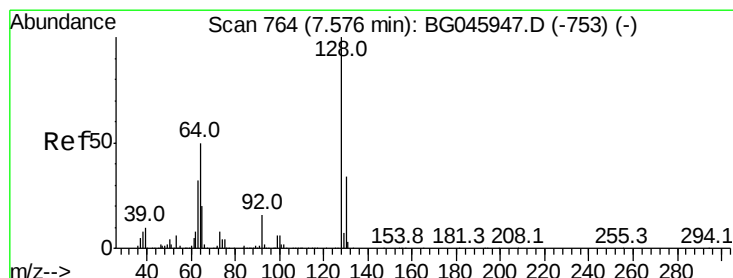
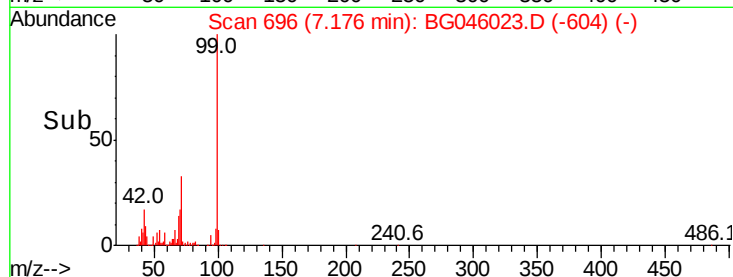
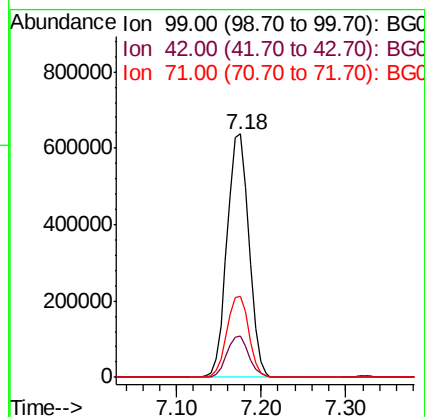
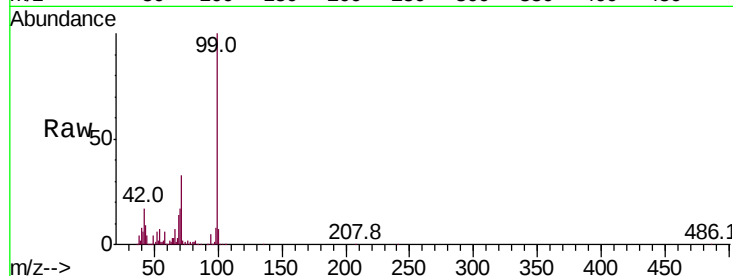
71 33.2 27.5 41.3

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#8

2-Chlorophenol

Concen: 47.465 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

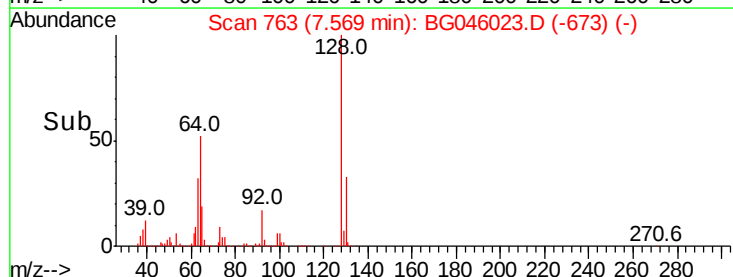
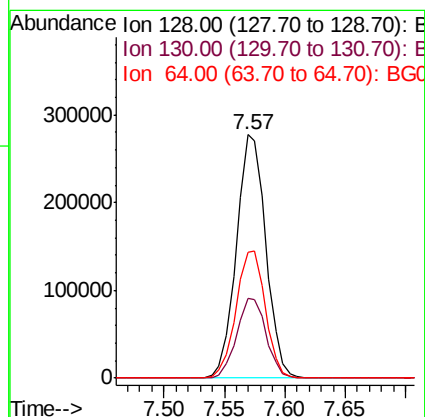
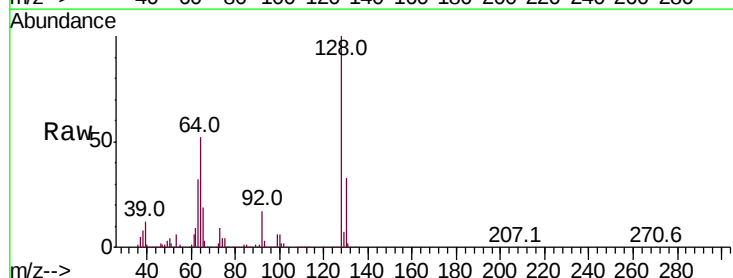
Tgt Ion: 128 Resp: 471245

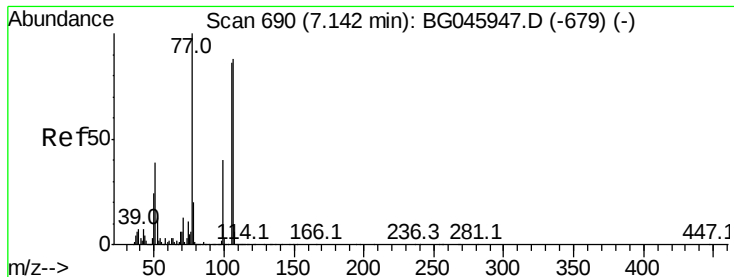
Ion Ratio Lower Upper

128 100

130 33.0 13.6 53.6

64 51.9 30.6 70.6





#9

Benzaldehyde

Concen: 19.339 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

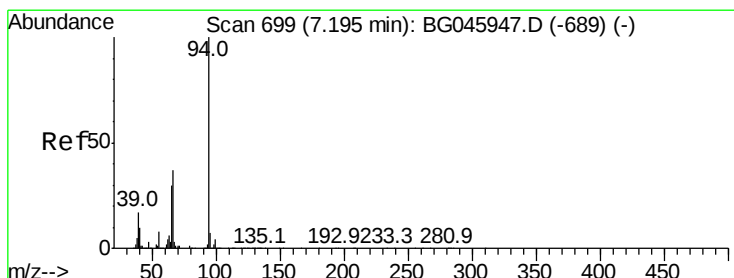
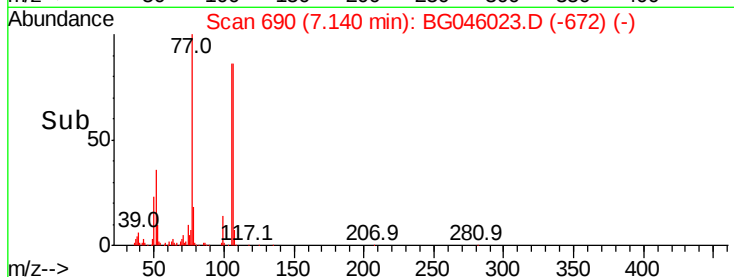
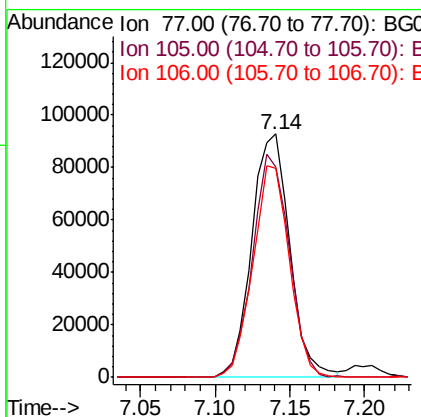
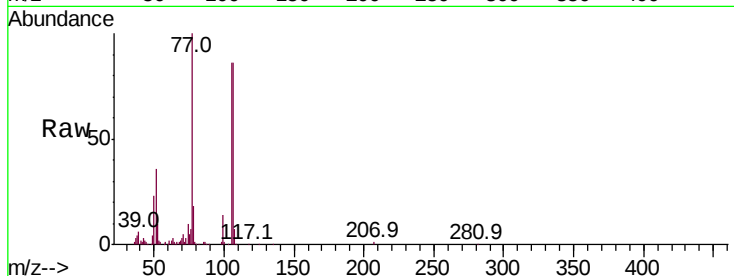
ClientSampleId :

PB130129BS

Tot Ion	77	Resp	162695
Ion Ratio	Lower	Upper	
77	100		
105	86.5	66.0	106.0
106	85.7	67.7	107.7

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#10

Phenol

Concen: 47.936 ng

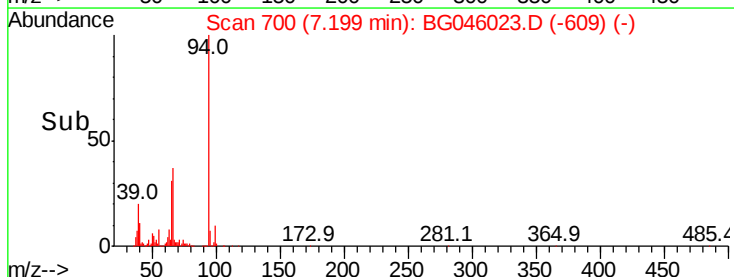
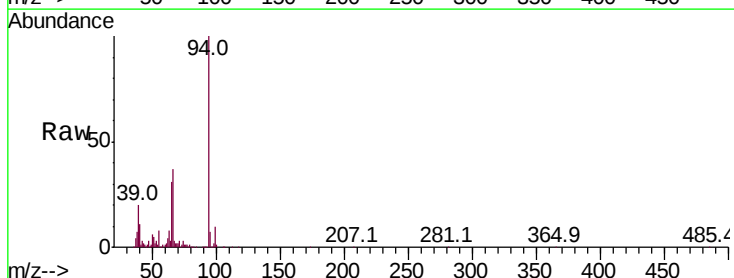
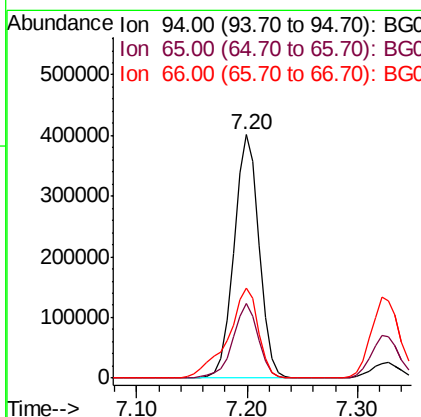
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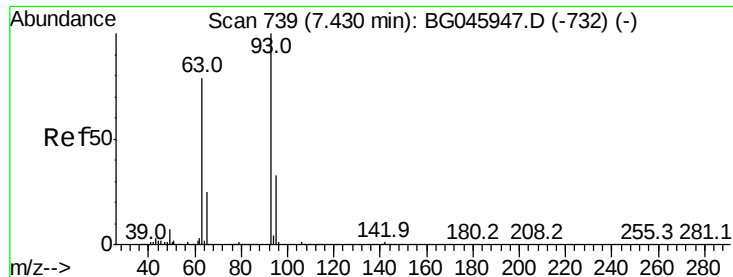
Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion	94	Resp	638495
Ion Ratio	Lower	Upper	
94	100		
65	30.9	10.6	50.6
66	37.2	17.1	57.1





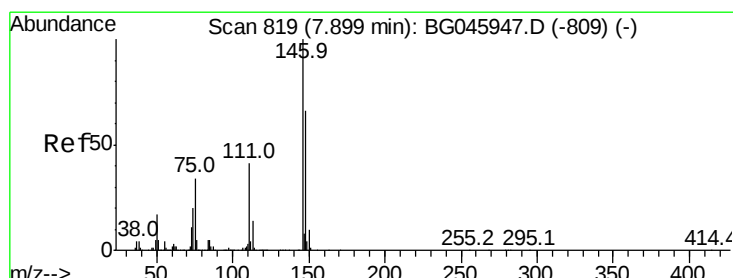
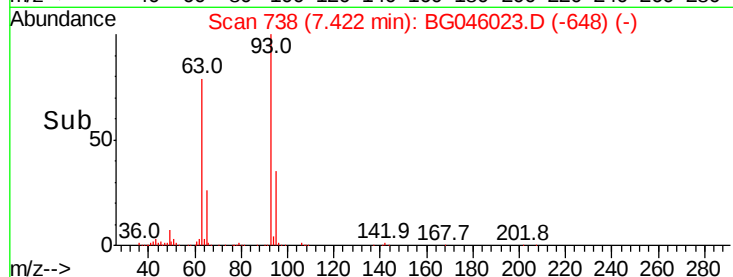
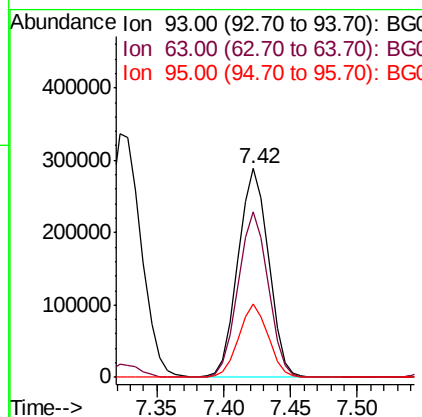
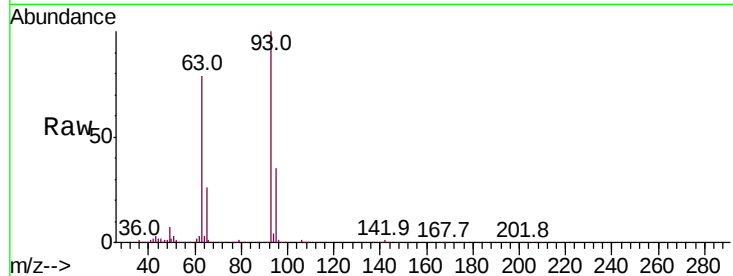
#11
bis(2-Chloroethyl)ether
Concen: 41.545 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	457585		
63	79.3	58.6	98.6	
95	35.3	13.3	53.3	

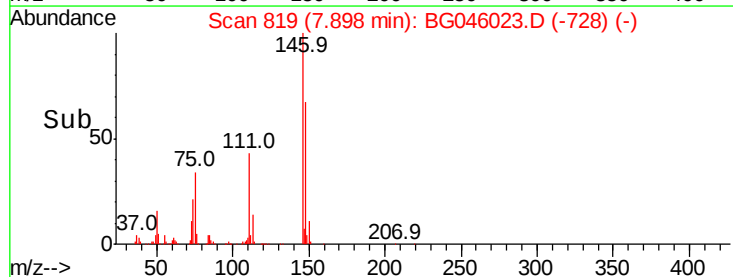
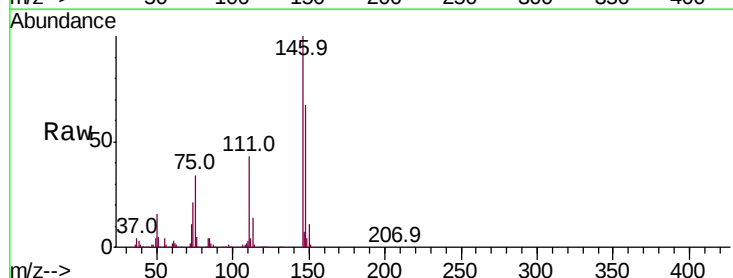
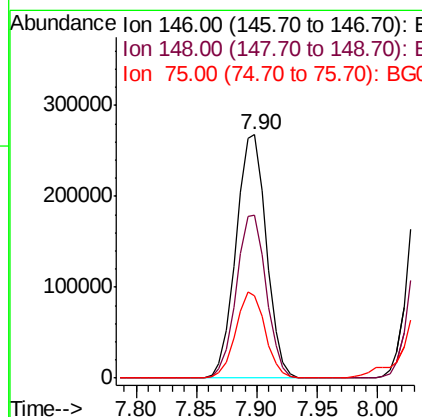
Manual Integrations
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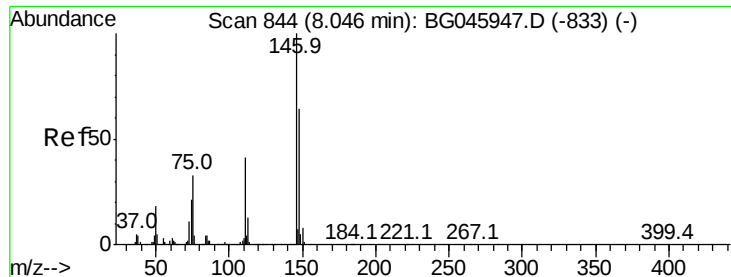
mohammad
7/14/2020 12:01:32 PM



#12
1,3-Dichlorobenzene
Concen: 40.996 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	469140		
148	66.8	52.8	79.2	
75	33.9	27.2	40.8	





#13

1,4-Dichlorobenzene

Concen: 41.584 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

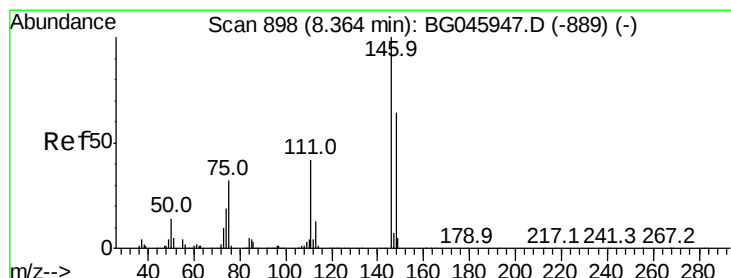
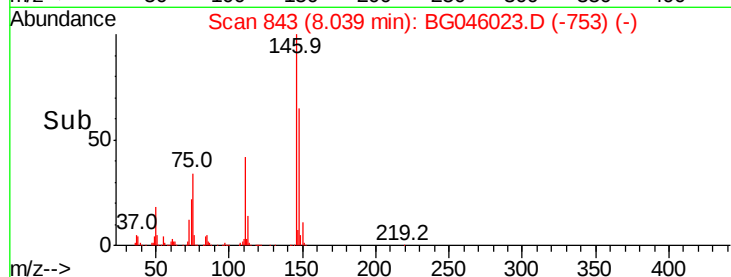
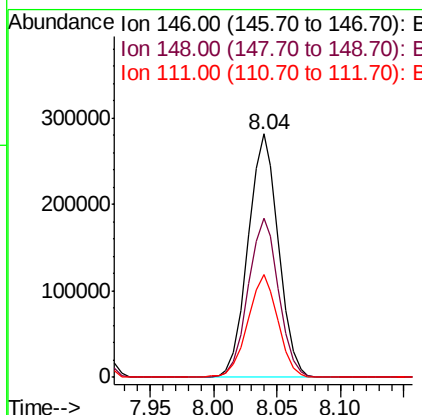
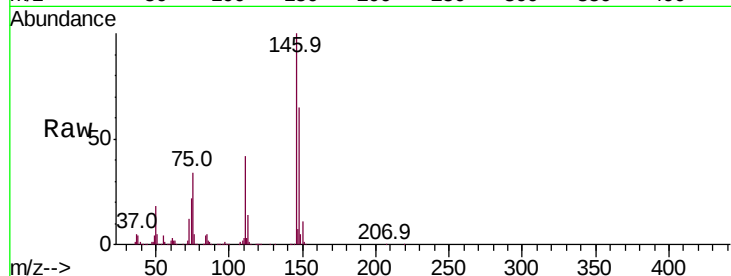
ClientSampleId :

PB130129BS

Tot Ion:	146	Resp:	468132
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.7	77.5
111	42.2	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 40.709 ng

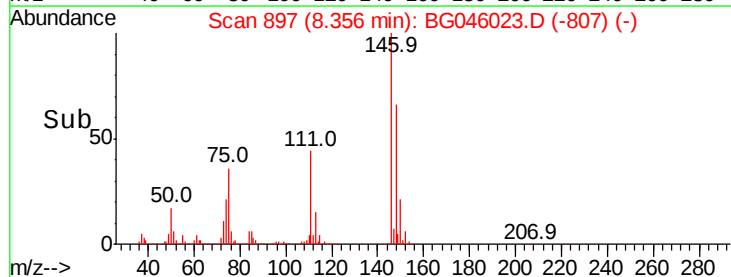
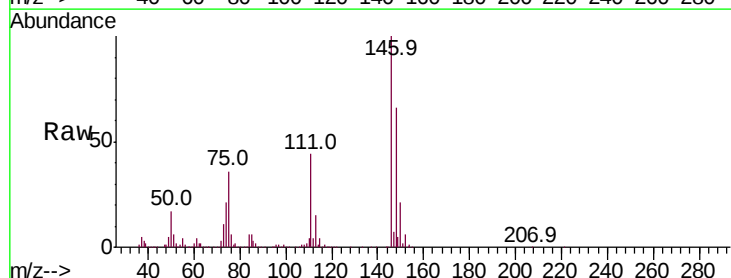
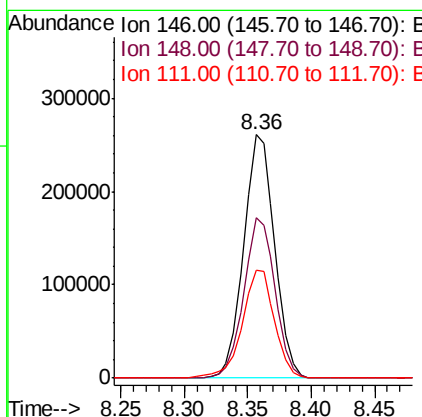
RT: 8.36 min Scan# 897

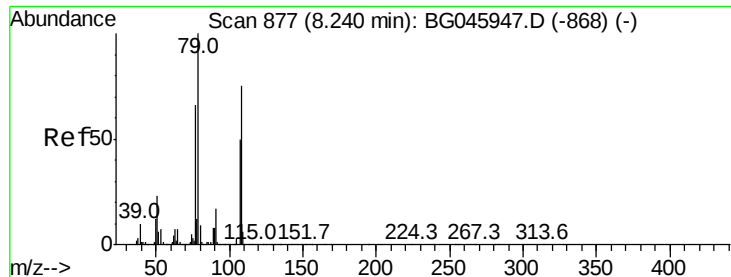
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:	146	Resp:	441067
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.6	77.4
111	44.3	34.0	51.0





#15

Benzyl Alcohol

Concen: 43.741 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

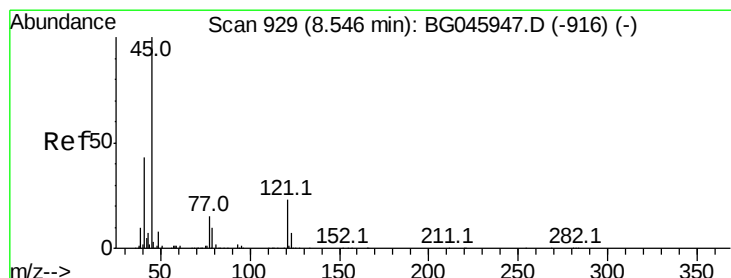
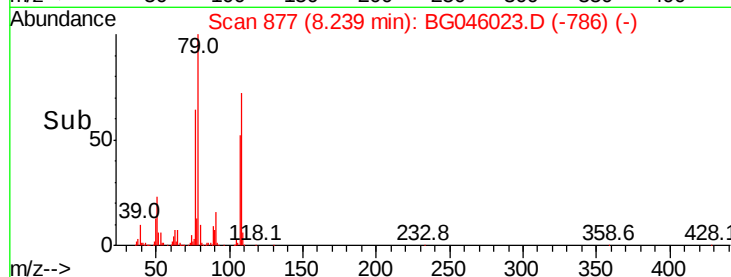
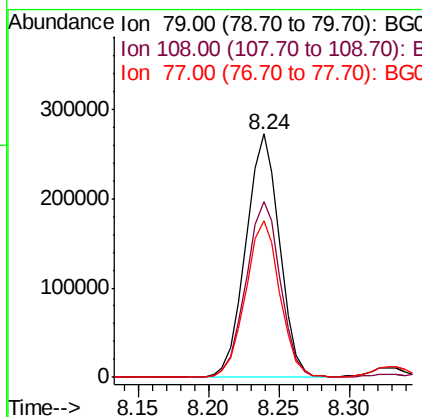
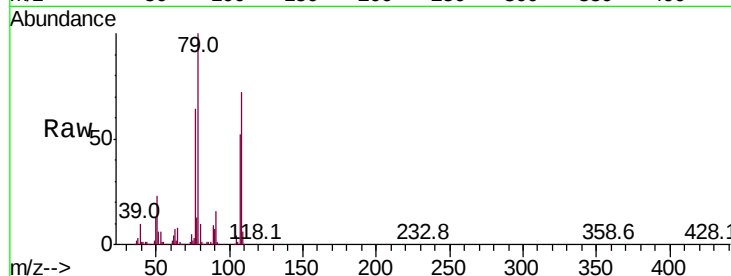
ClientSampleId :

PB130129BS

Tot Ion:	79	Resp:	455404
Ion Ratio	Lower	Upper	
79	100		
108	72.0	60.2	90.4
77	64.1	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.616 ng

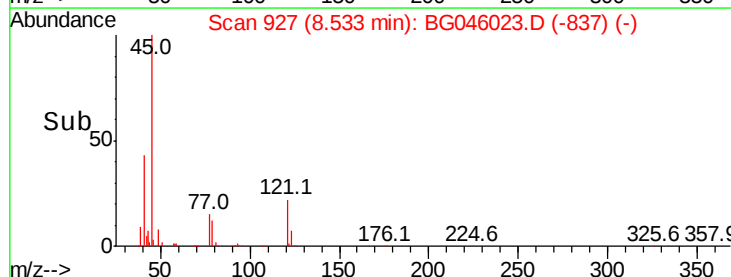
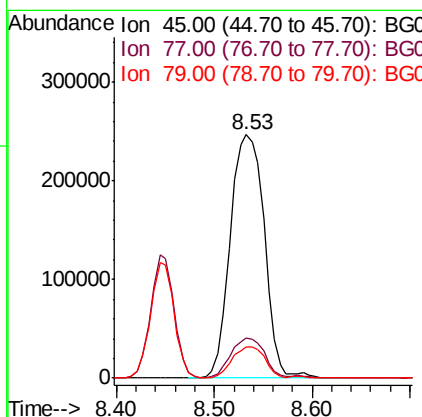
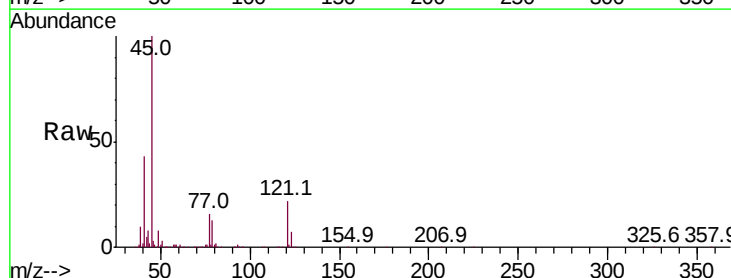
RT: 8.53 min Scan# 927

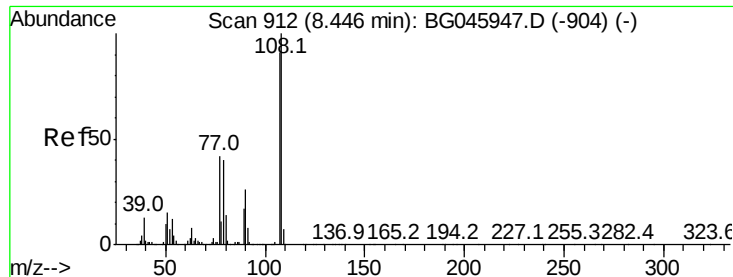
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:	45	Resp:	598049
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	37.6
79	12.9	0.0	32.6





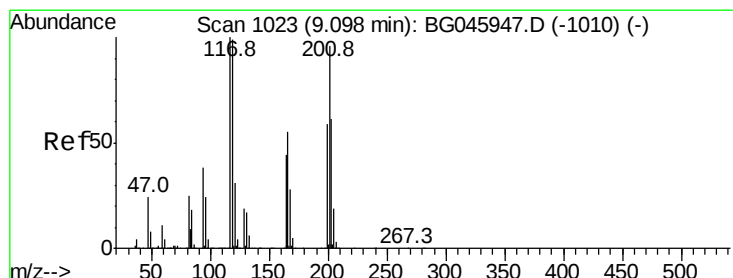
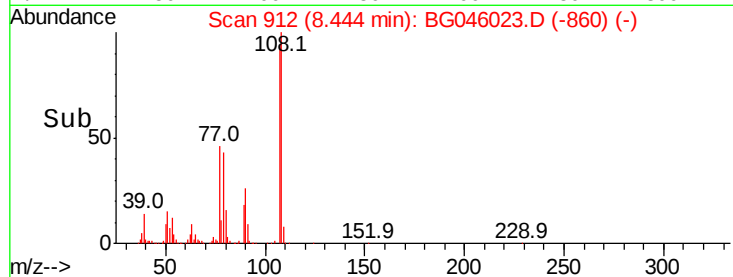
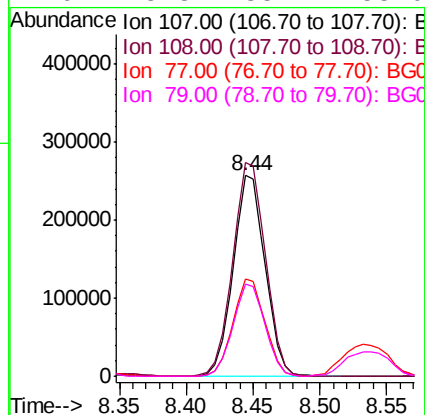
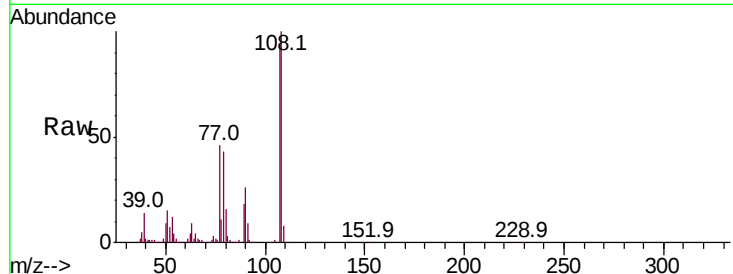
#17
2-Methylphenol
Concen: 42.745 ng
RT: 8.44 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.5	88.2	132.4	
77	48.5	37.0	55.4	
79	45.8	35.4	53.0	

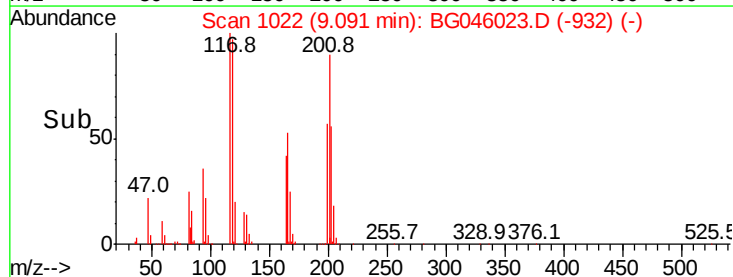
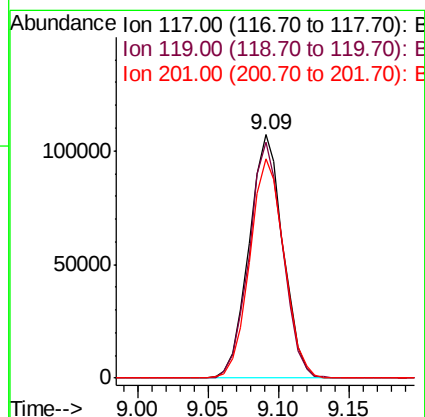
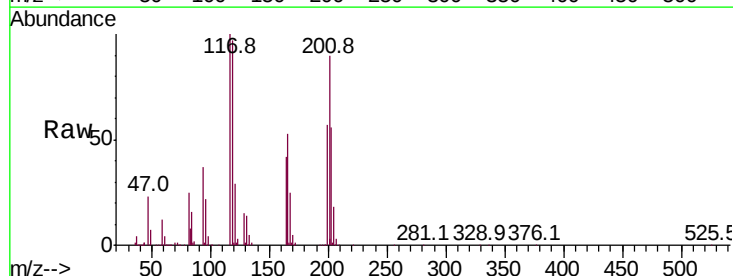
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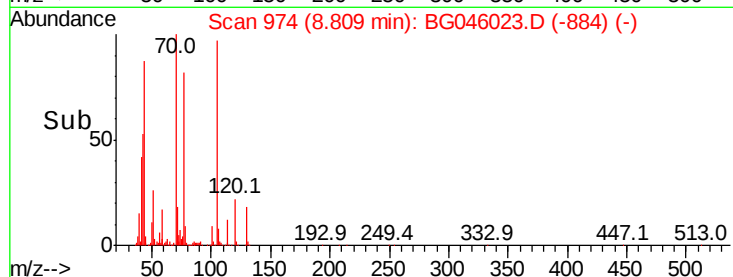
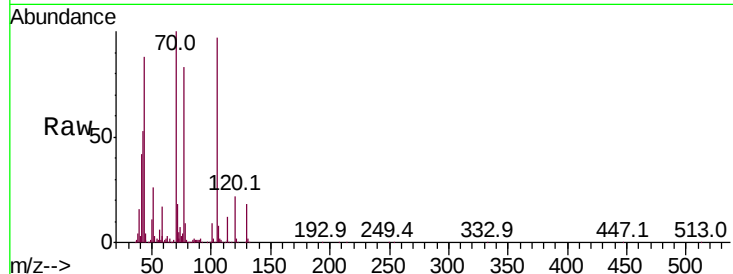
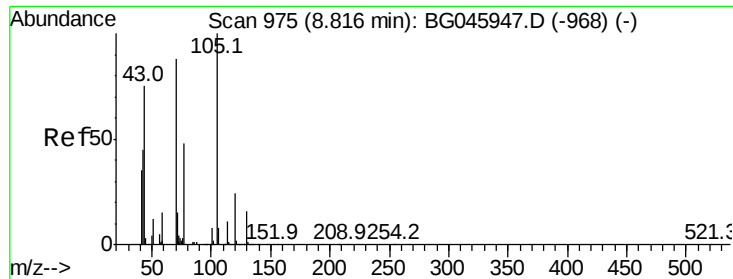
mohammad
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#18
Hexachloroethane
Concen: 41.727 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	79.5	119.3	
201	90.3	77.0	115.4	





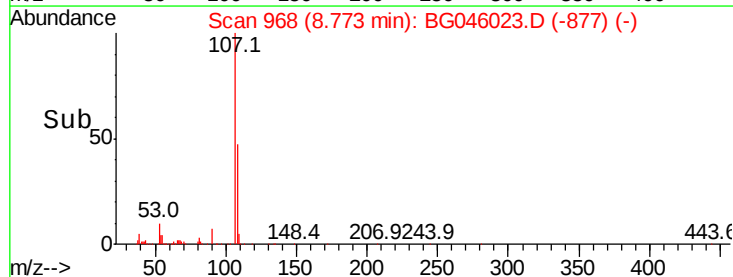
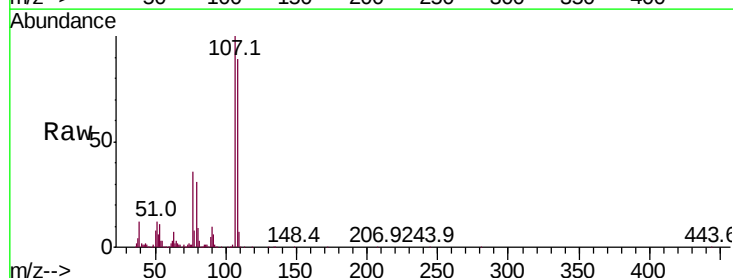
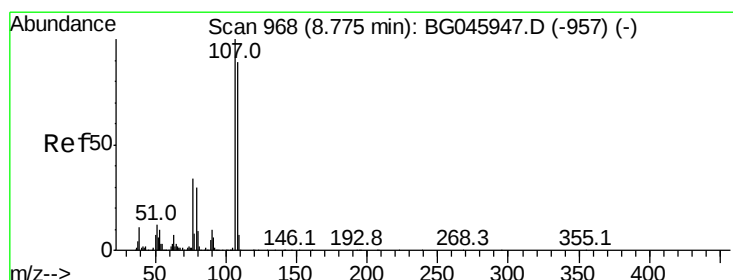
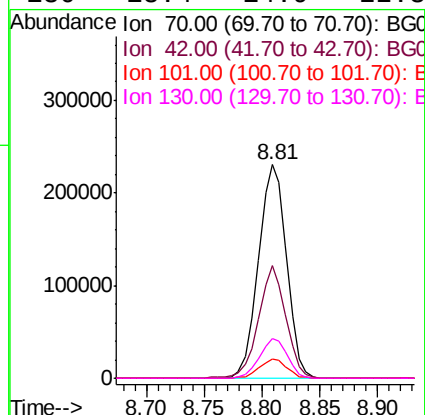
#19
n-Nitroso-di-n-propylamine
Concen: 41.869 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.8	41.4	62.0
101	9.1	7.1	10.7
130	18.4	14.9	22.3

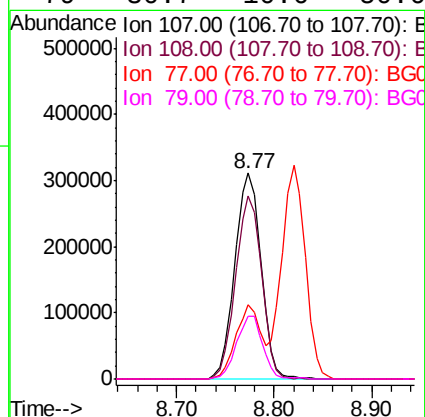
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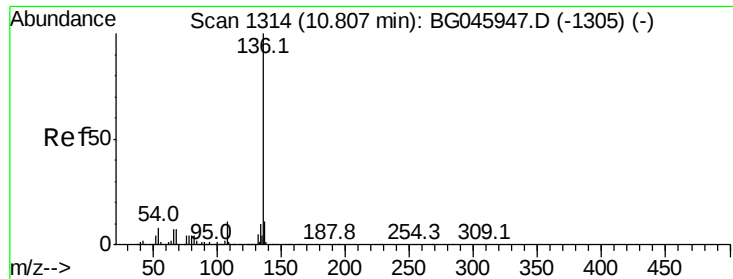
mohammad
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#20
3+4-Methylphenols
Concen: 42.639 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.7	108.7
77	35.9	14.6	54.6
79	30.7	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

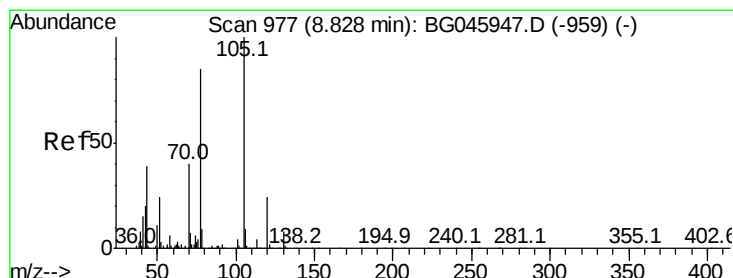
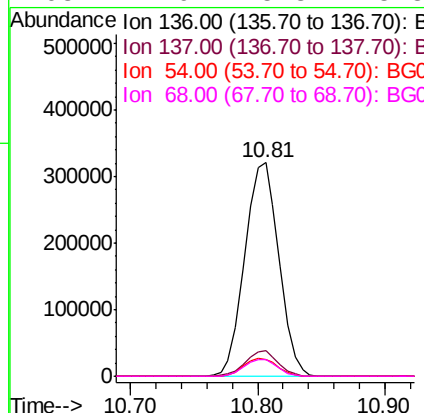
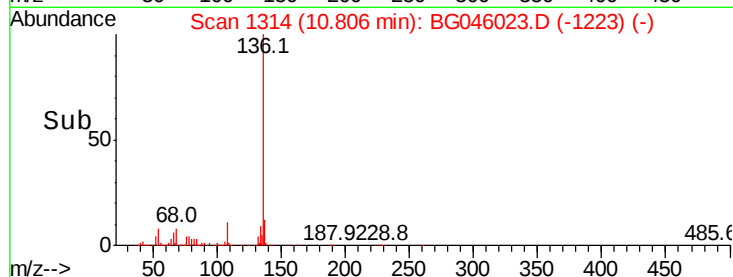
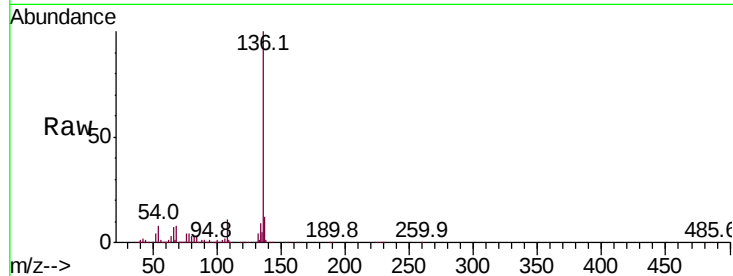
ClientSampleId :

PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	9.2	13.8	
54	7.7	6.2	9.4	
68	7.9	5.8	8.8	

Manual Integrations
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#22

Acetophenone

Concen: 40.612 ng

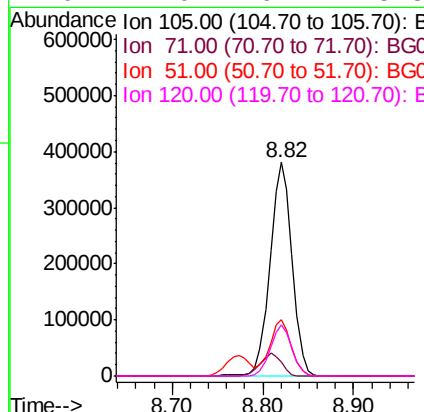
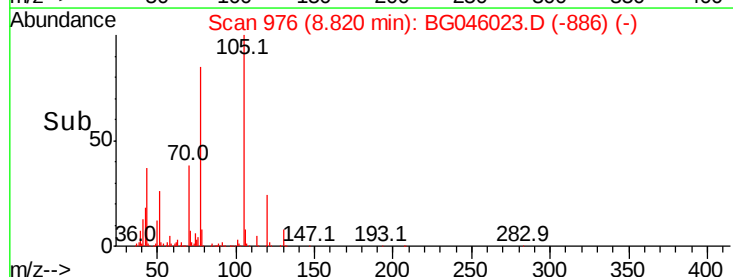
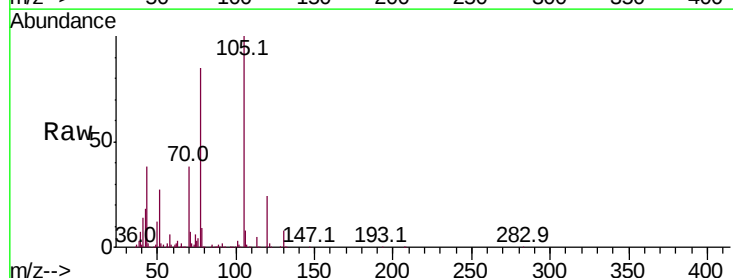
RT: 8.82 min Scan# 976

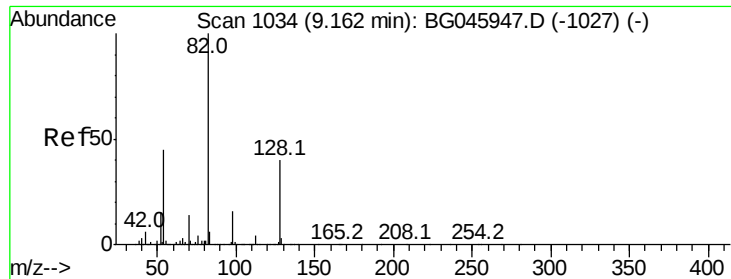
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	6.2	9.2	
51	26.5	19.7	29.5	
120	24.0	19.2	28.8	





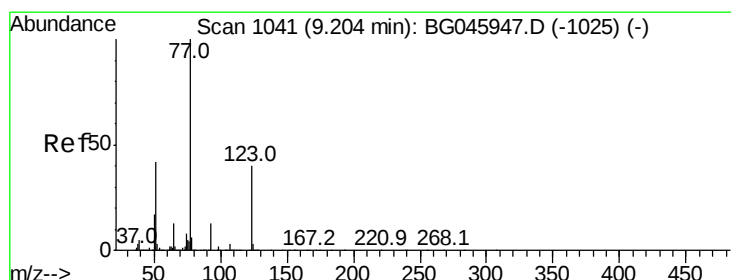
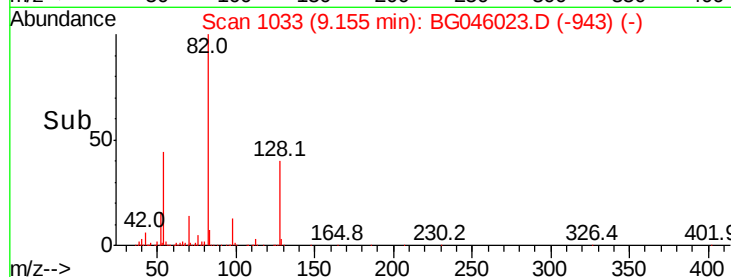
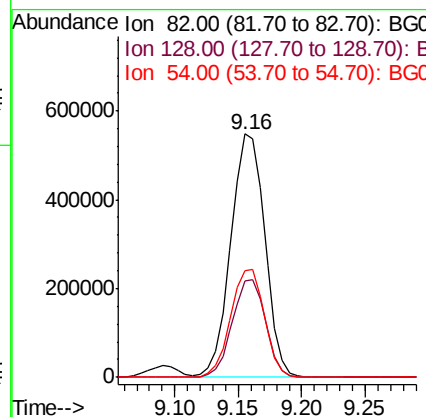
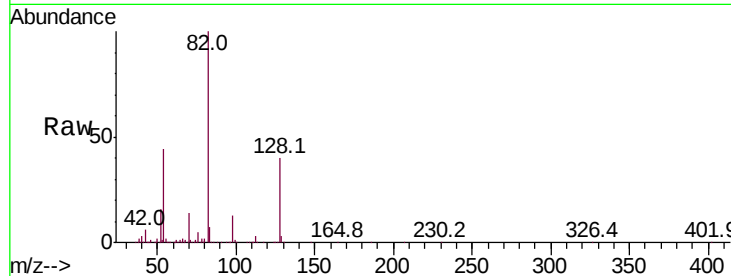
#23
Nitrobenzene-d5
Concen: 97.915 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.2	48.4
54	43.9	35.8	53.6

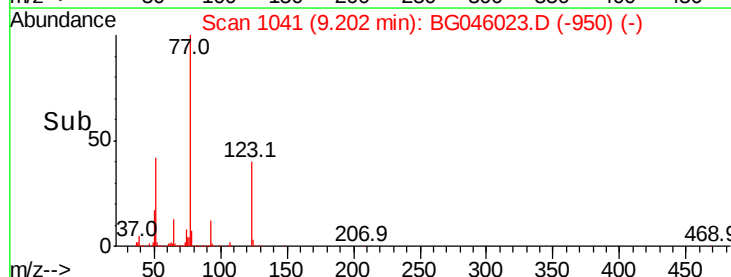
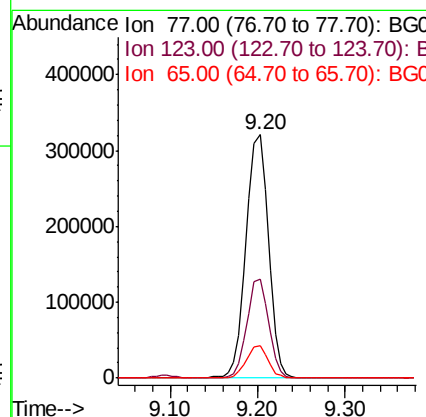
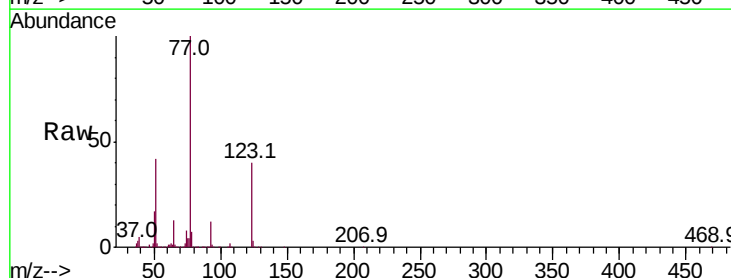
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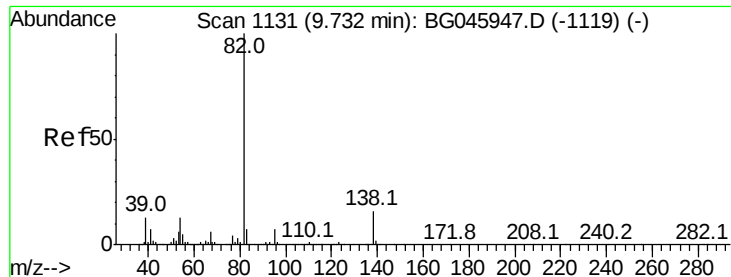
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#24
Nitrobenzene
Concen: 48.440 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	32.7	49.1
65	13.5	10.2	15.4





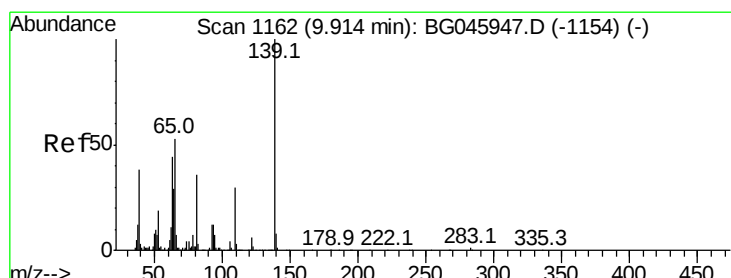
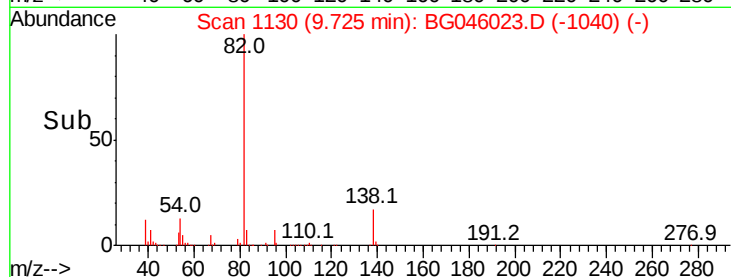
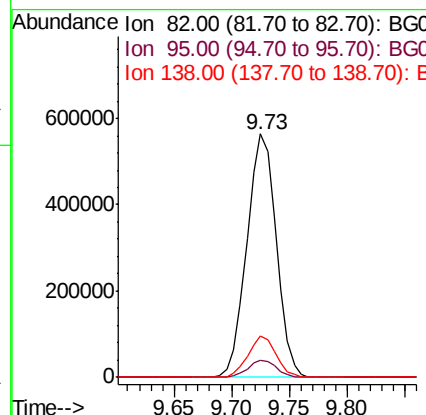
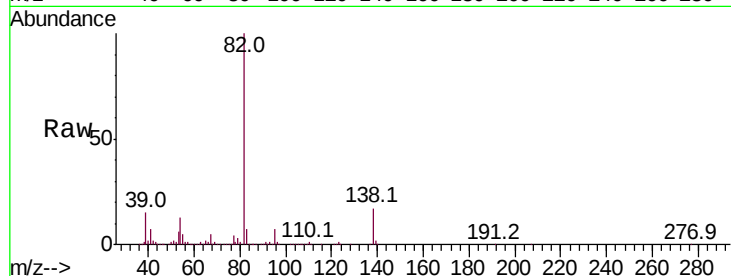
#25
Isophorone
Concen: 39.432 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	17.1	12.9	19.3

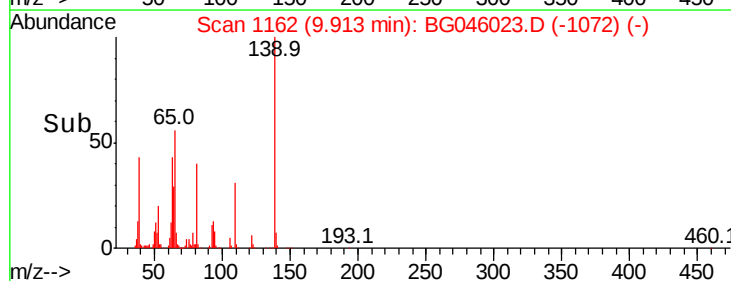
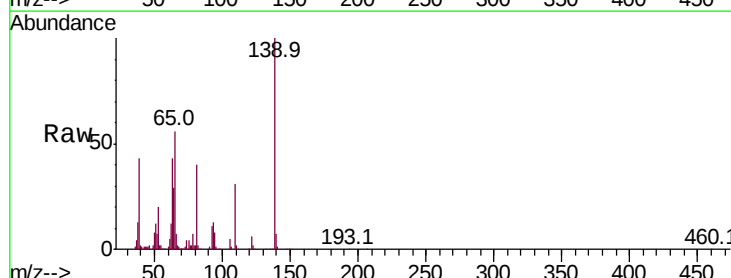
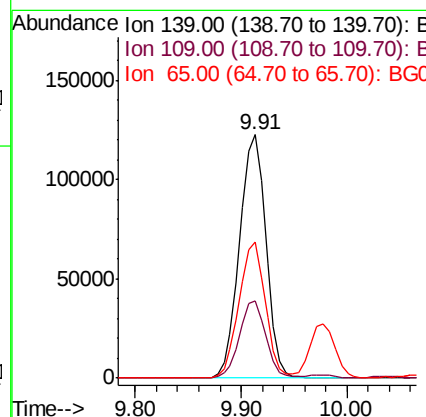
Manual Integrations
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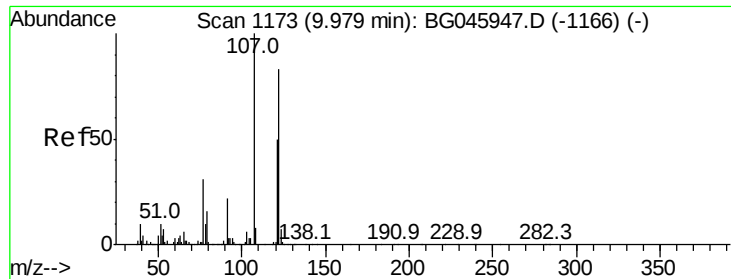
mohammad
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#26
2-Nitrophenol
Concen: 56.607 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.5	24.6	37.0
65	56.1	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 46.113 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

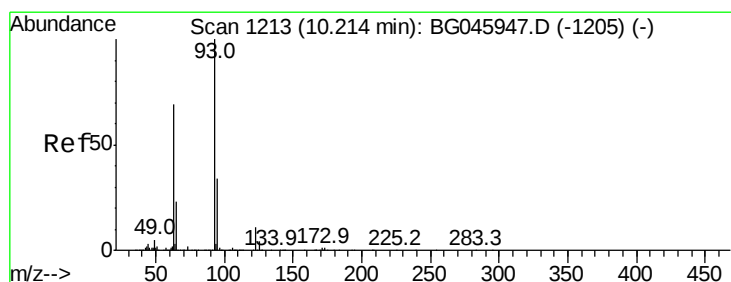
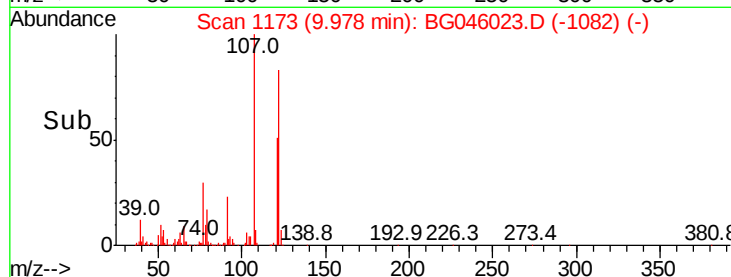
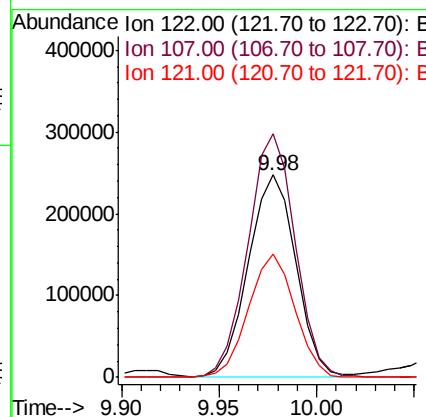
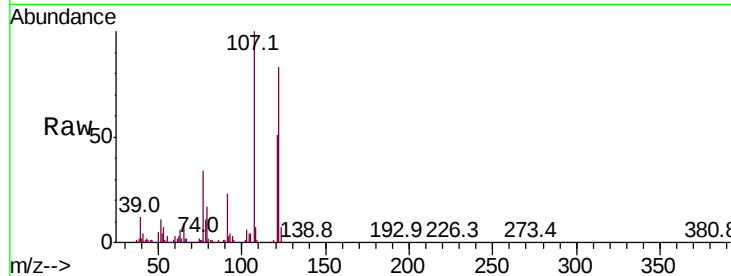
ClientSampleId :

PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	120.3	95.6	143.4	
121	61.0	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 42.693 ng

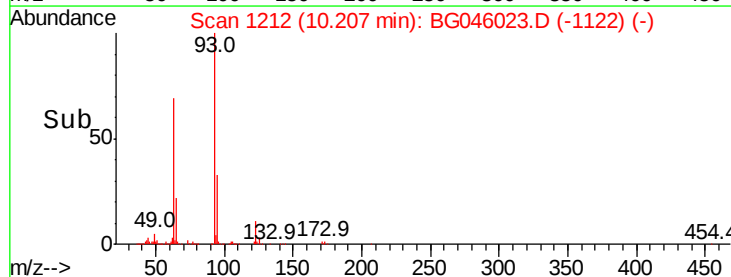
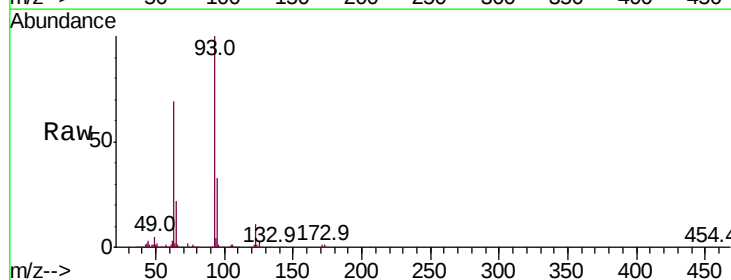
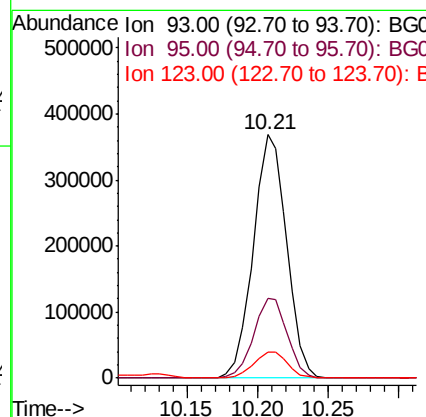
RT: 10.21 min Scan# 1212

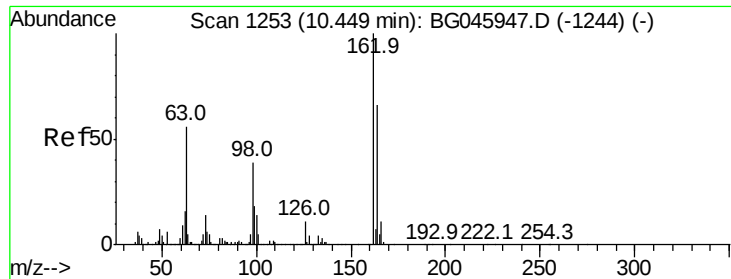
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	27.5	41.3	
123	10.7	9.2	13.8	





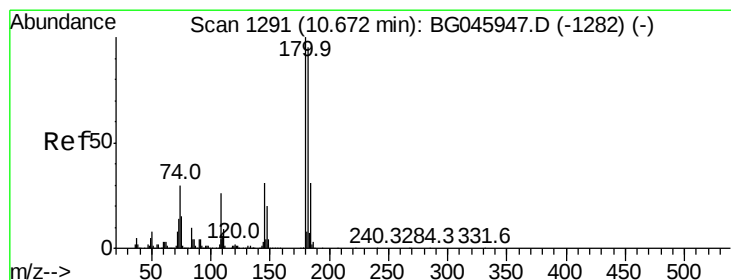
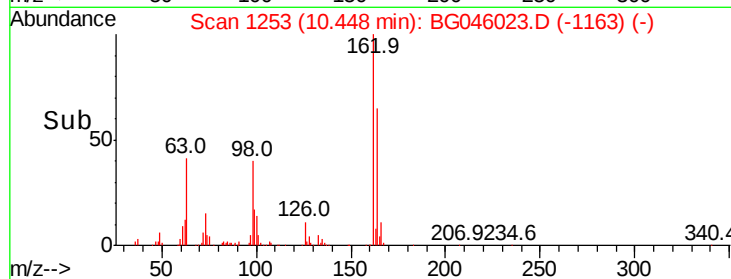
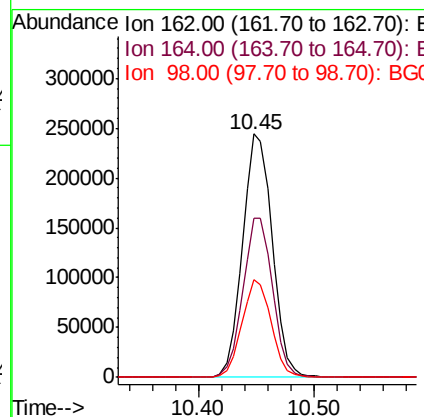
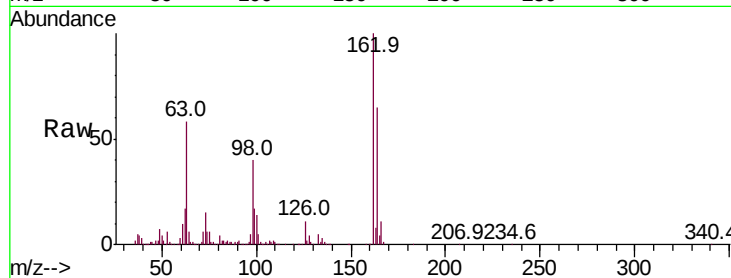
#29
 2,4-Dichlorophenol
 Concen: 46.470 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.0	86.0
98	39.9	19.2	59.2

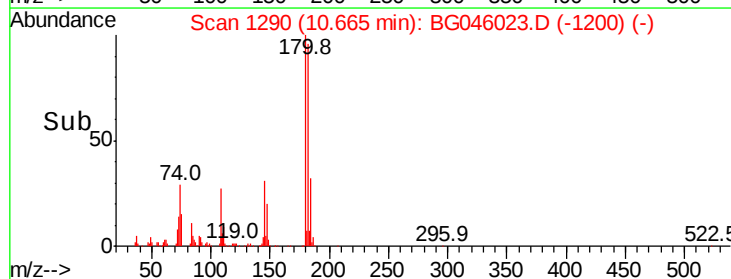
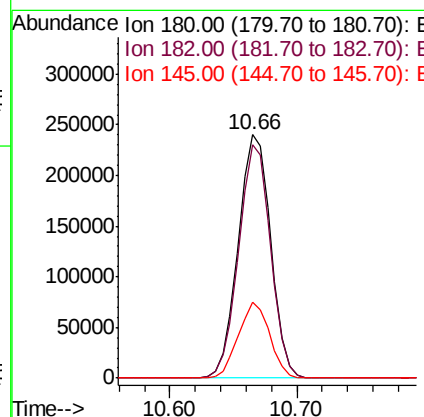
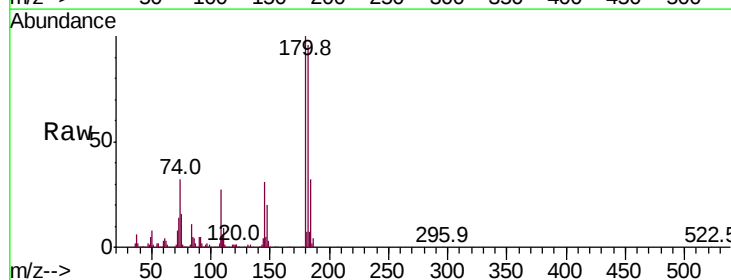
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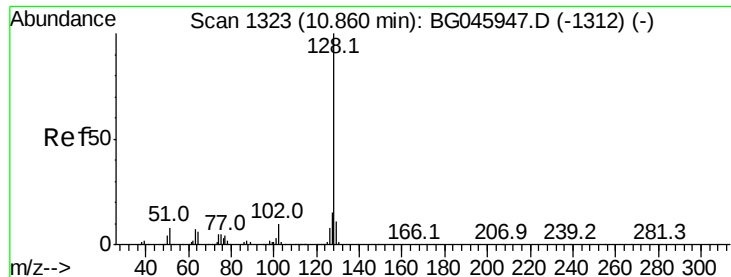
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.930 ng
 RT: 10.66 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.3	114.5
145	31.3	24.8	37.2





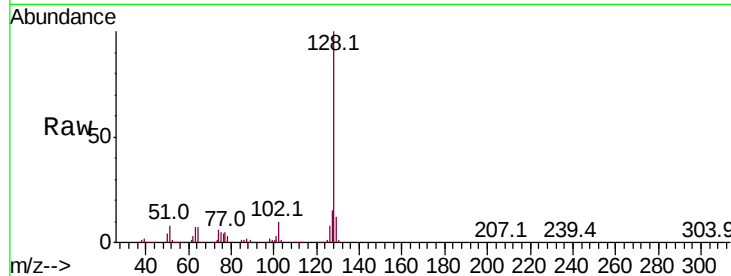
#31
Naphthalene
Concen: 41.117 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	14.9	11.8	17.6

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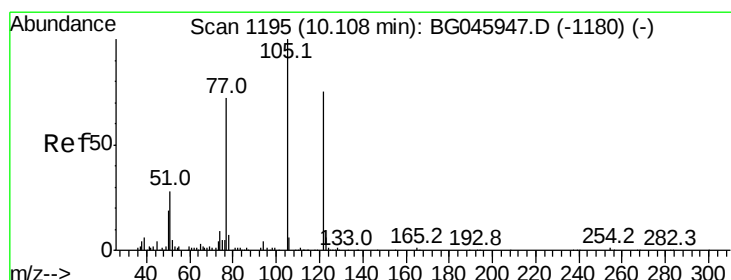
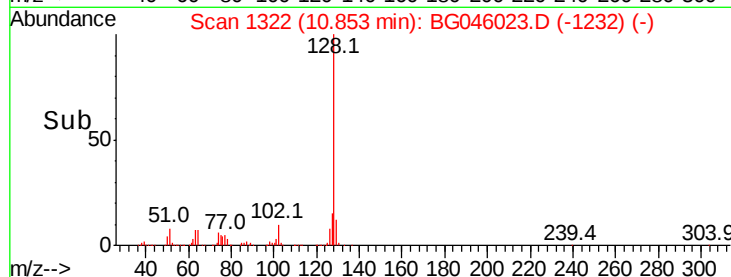
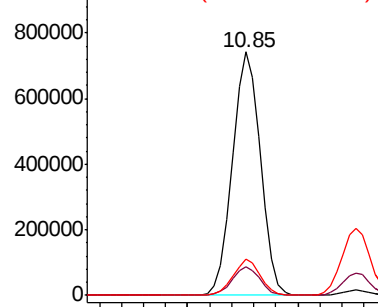


Abundance

Ion 128.00 (127.70 to 128.70): E

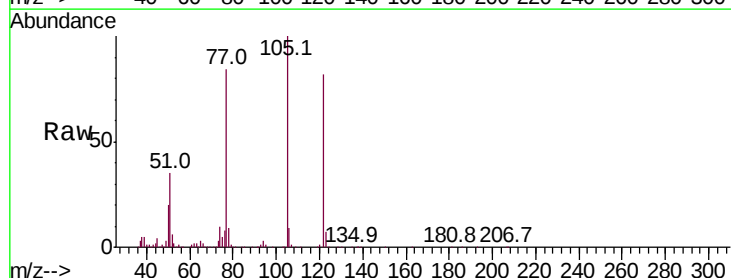
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 50.777 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.03 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.4	110.8	150.8
77	102.7	76.4	116.4

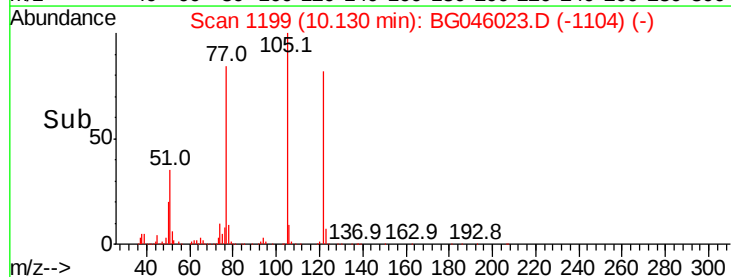
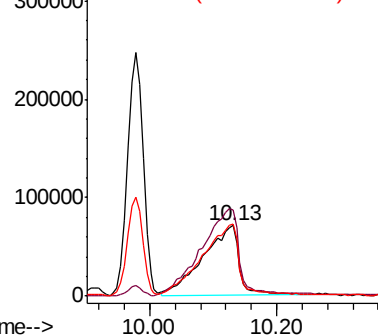


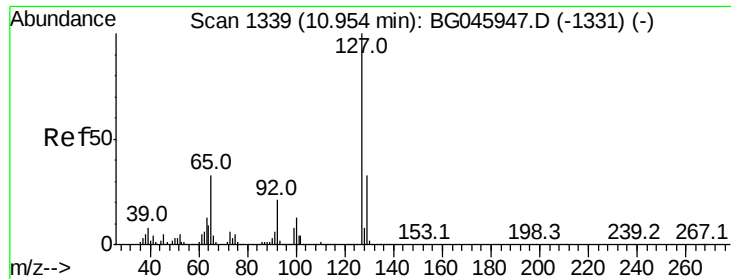
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





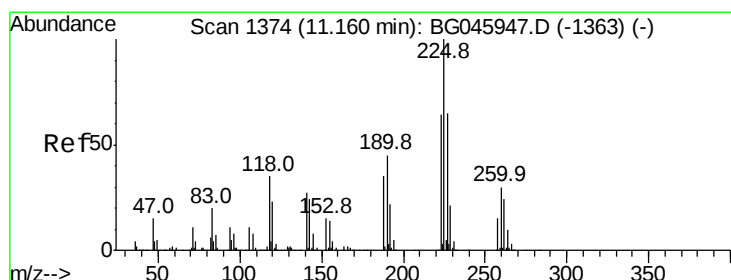
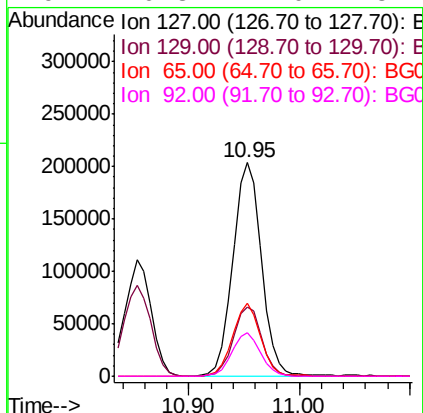
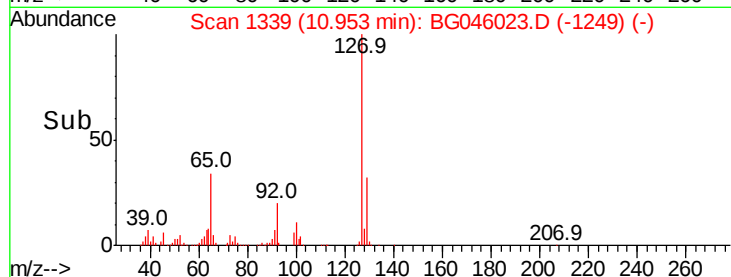
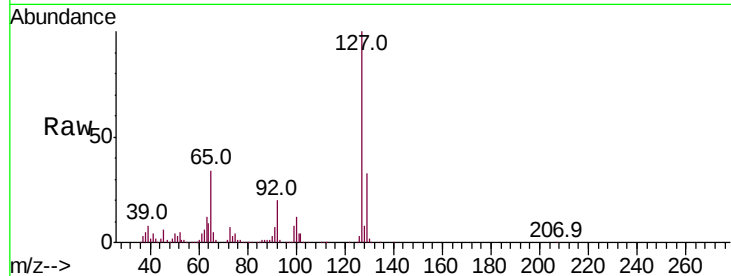
#33
4-Chloroaniline
Concen: 25.830 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.6	39.8		
65	33.9	26.8	40.2		
92	20.3	17.0	25.4		

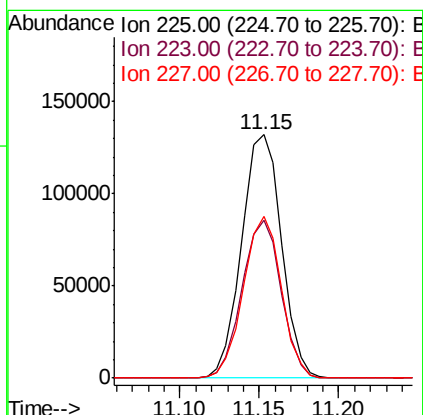
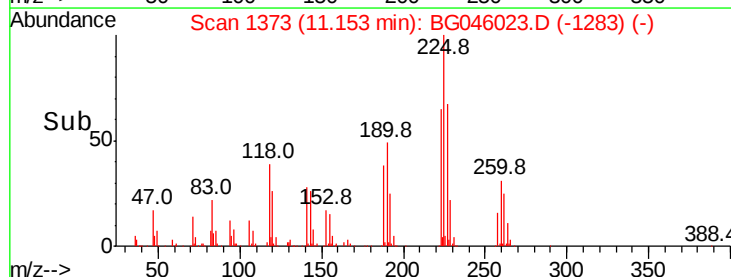
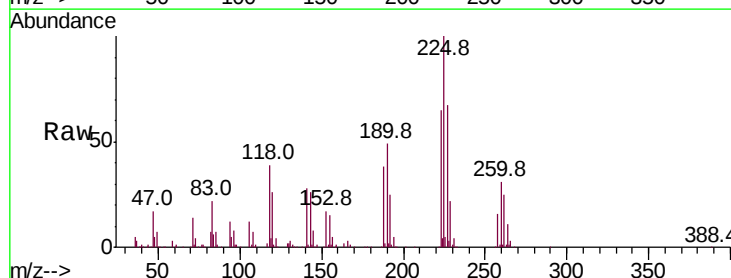
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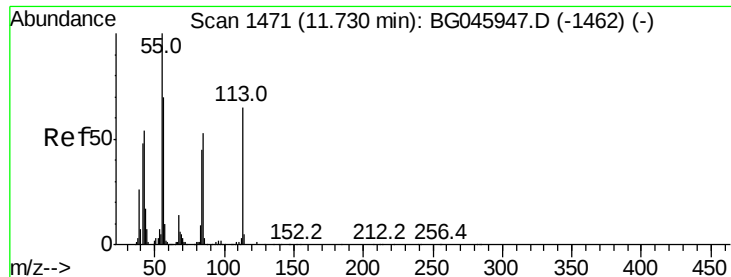
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#34
Hexachlorobutadiene
Concen: 38.227 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	51.2	76.8		
227	66.6	52.3	78.5		





#35

Caprolactam

Concen: 46.840 ng/ml

RT: 11.73 min Scan# 1471

Delta R.T. 0.01 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

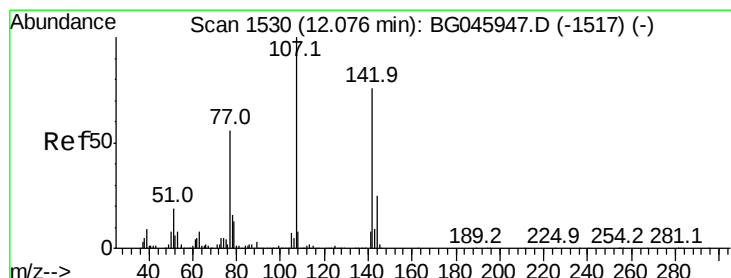
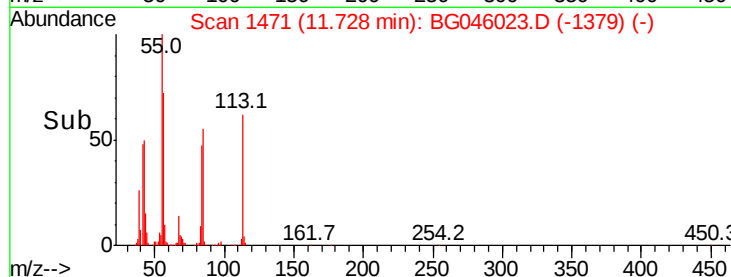
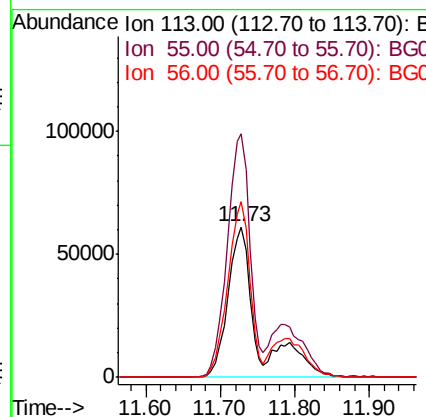
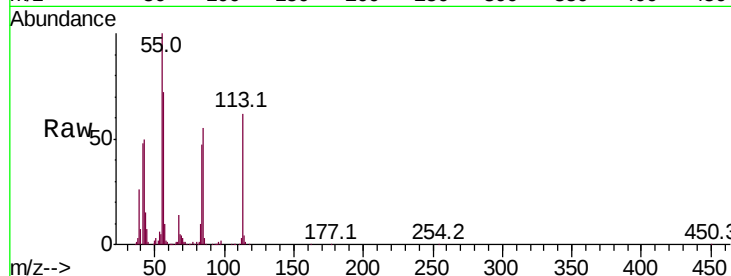
ClientSampleId :

PB130129BS

Tot Ion:	113	Resp:	166275
Ion Ratio	Lower	Upper	
113	100		
55	162.0	141.6	181.6
56	116.7	89.6	129.6

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#36

4-Chloro-3-methylphenol

Concen: 48.172 ng/ml

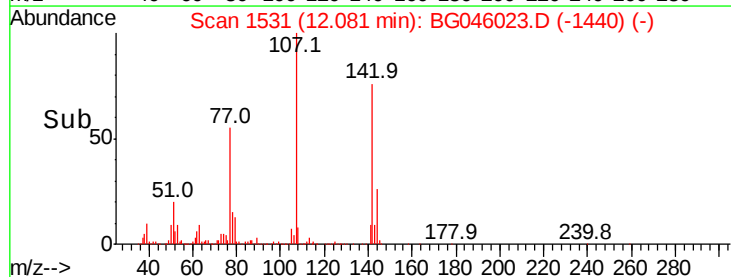
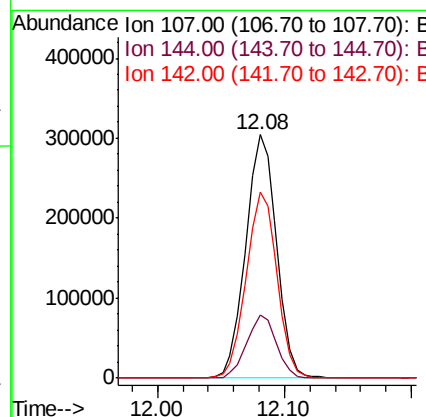
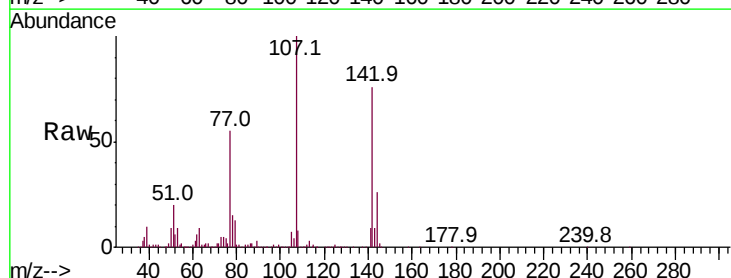
RT: 12.08 min Scan# 1531

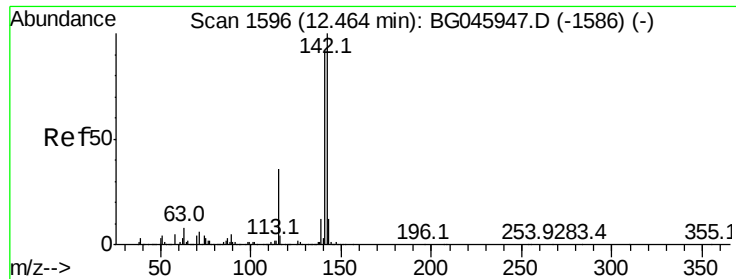
Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:	107	Resp:	512979
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.0	30.0
142	76.2	61.1	91.7





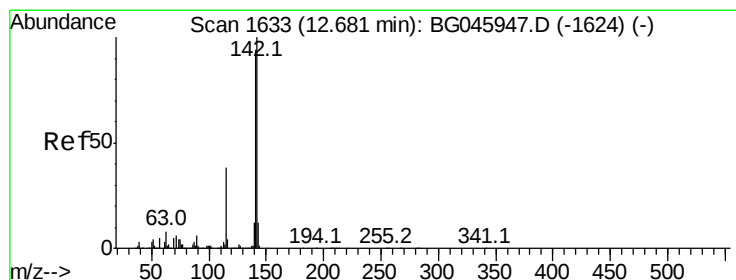
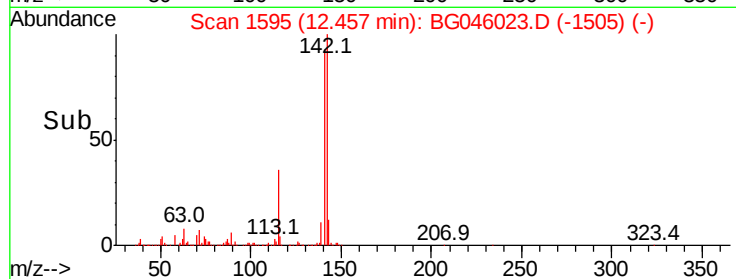
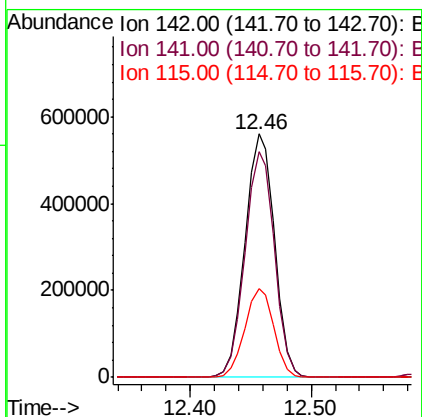
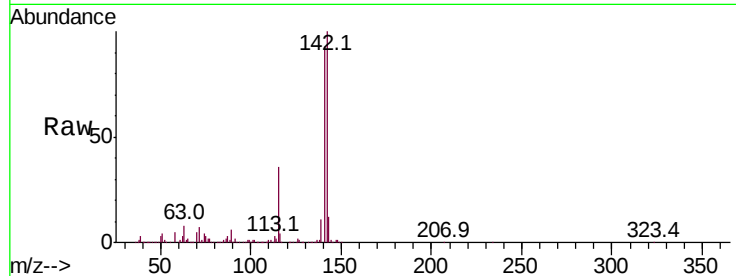
#37
2-Methylnaphthalene
Concen: 41.793 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	952821		
141	92.9	73.0	109.6	
115	36.3	28.8	43.2	

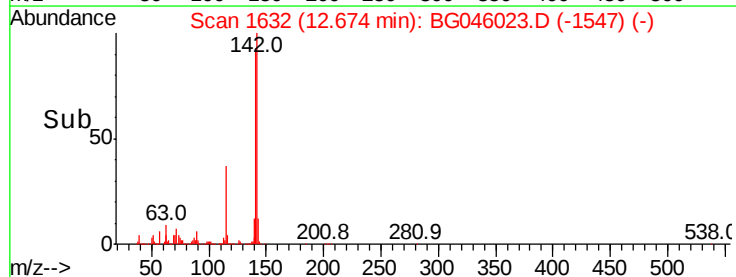
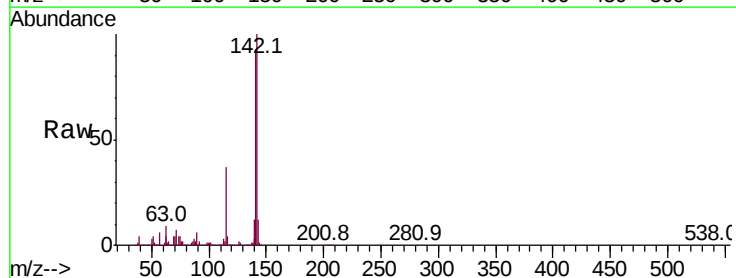
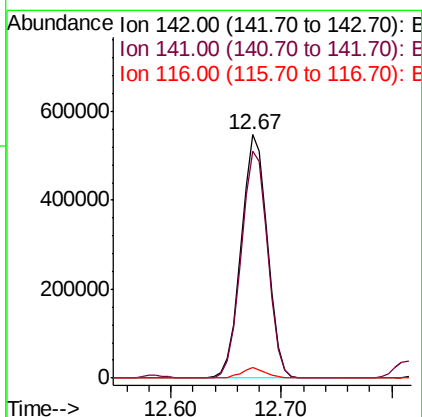
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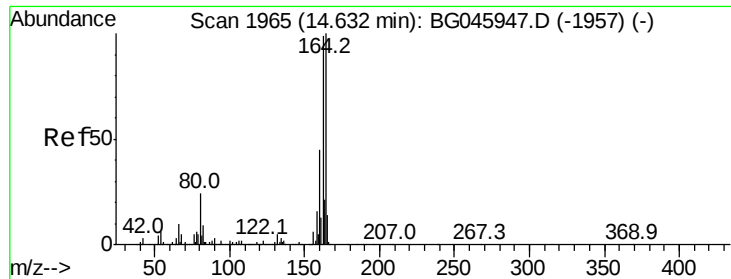
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#38
1-Methylnaphthalene
Concen: 42.426 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	912845		
141	93.3	75.2	112.8	
116	4.2	3.1	4.7	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

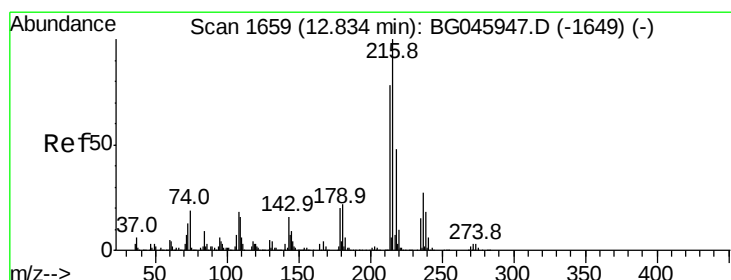
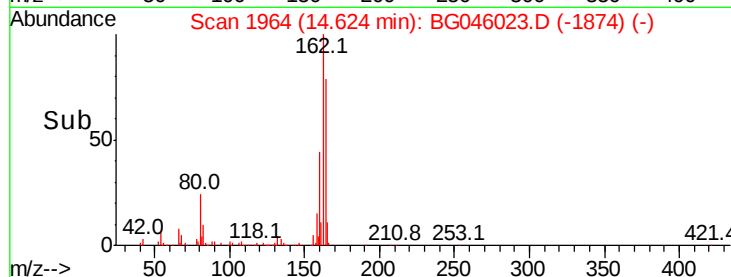
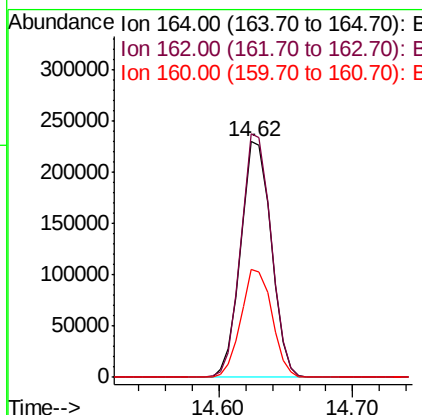
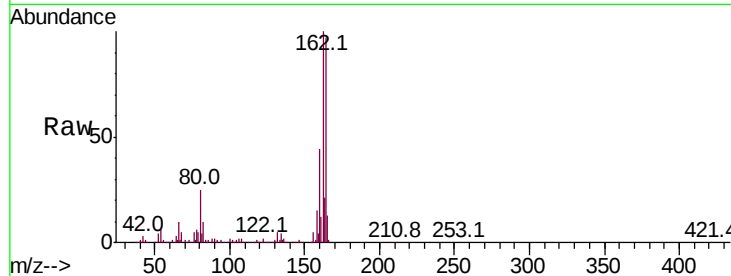
ClientSampleId :

PB130129BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.3	118.9
160	45.8	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.241 ng

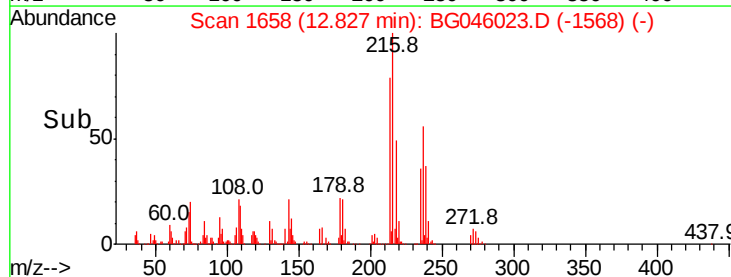
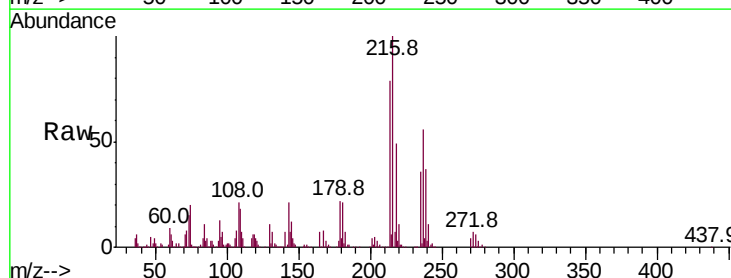
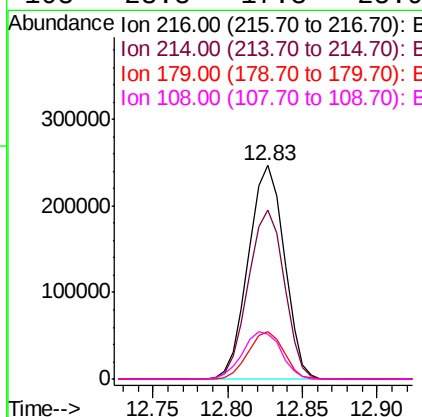
RT: 12.83 min Scan# 1658

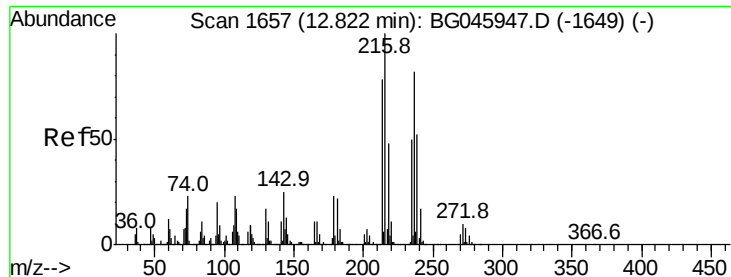
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.8	17.0	25.6
108	23.8	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 67.348 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

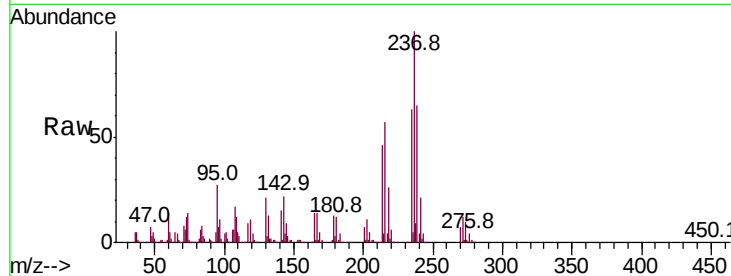
ClientSampleId :

PB130129BS

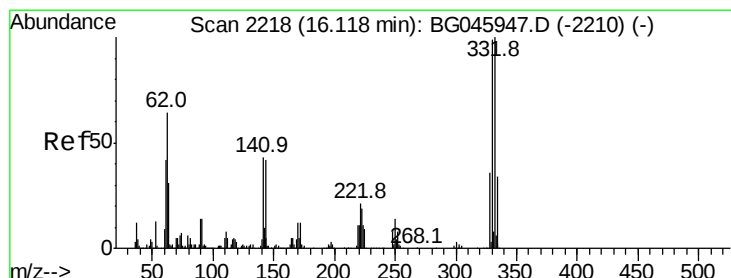
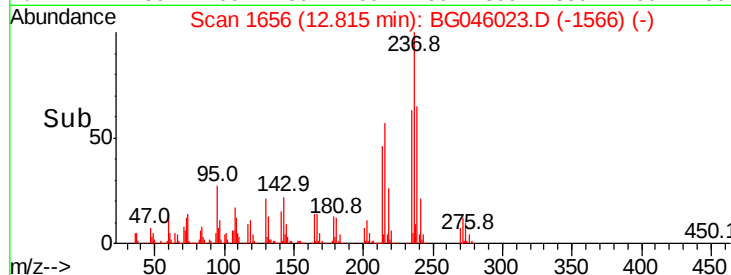
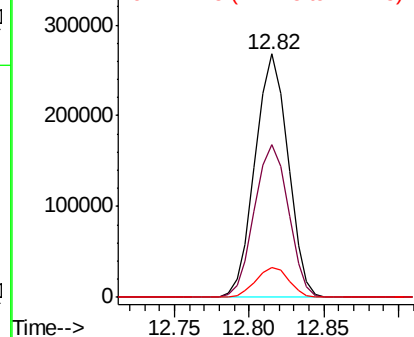
Tot Ion:	237	Resp:	409243
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.5	81.5
272	12.1	0.0	31.7

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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: 88.919 ng

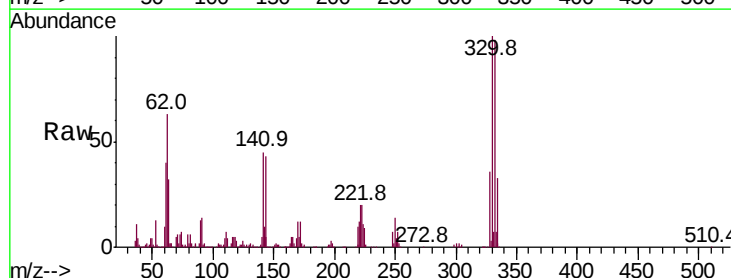
RT: 16.12 min Scan# 2218

Delta R.T. 0.00 min

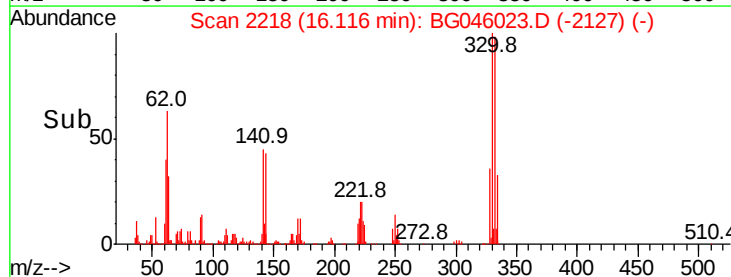
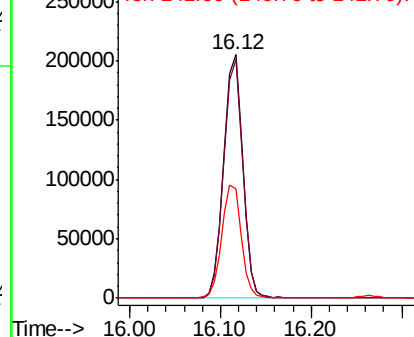
Lab File: BG046023.D

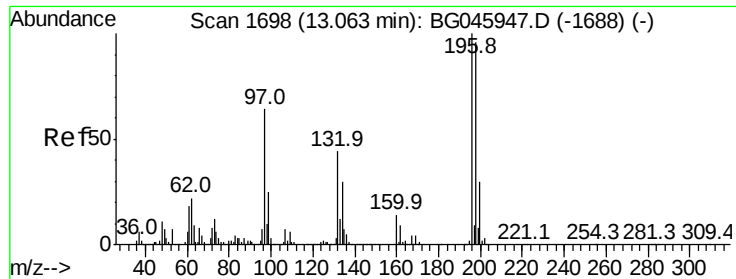
Acq: 13 Jul 2020 15:15

Tgt Ion:	330	Resp:	299808
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.3	117.5
141	47.3	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





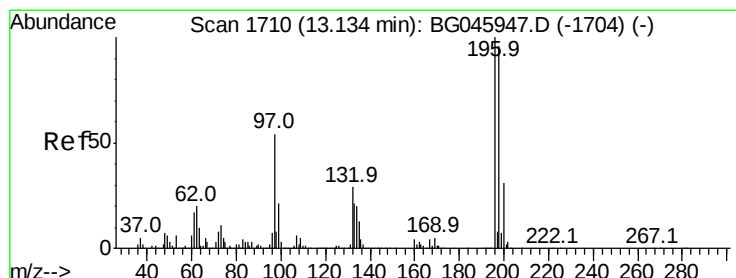
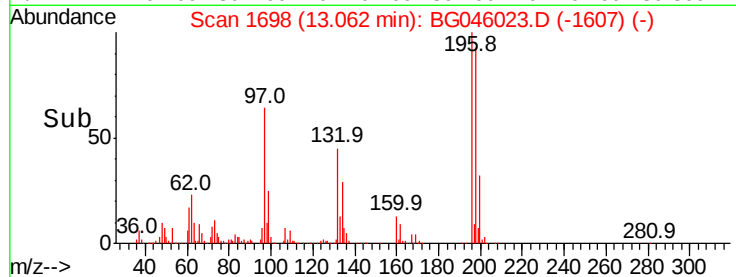
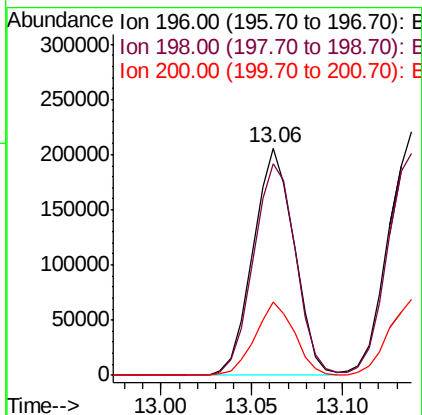
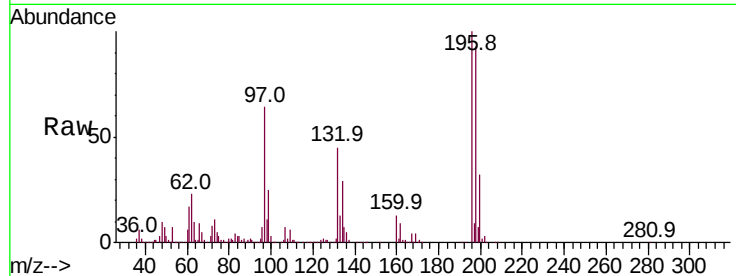
#43
 2,4,6-Trichlorophenol
 Concen: 46.841 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Tot Ion:	196	Resp:	324413
Ion Ratio	Lower	Upper	
196	100		
198	93.0	76.7	115.1
200	32.1	24.3	36.5

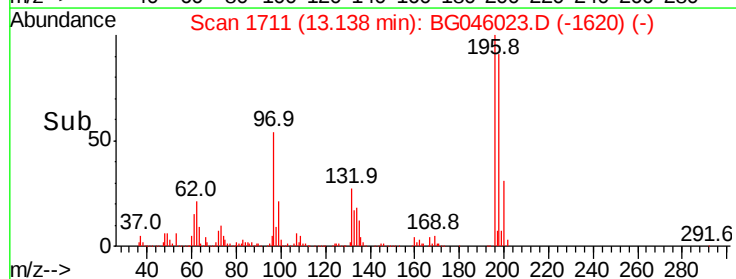
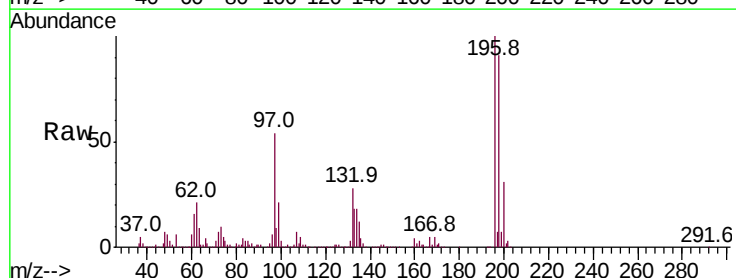
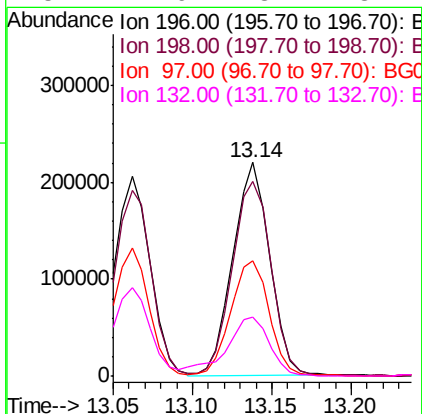
Manual Integrations
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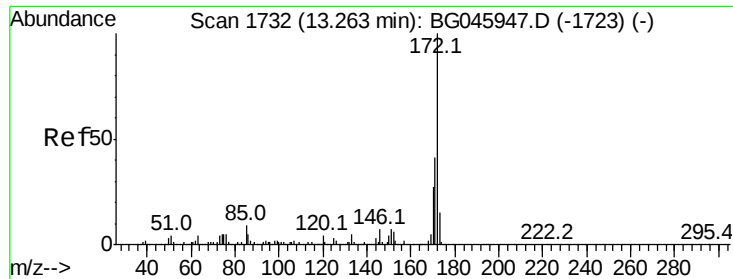
mohammad
 7/14/2020 12:01:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.341 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion:	196	Resp:	355058
Ion Ratio	Lower	Upper	
196	100		
198	91.1	77.0	115.6
97	53.8	44.3	66.5
132	27.6	23.1	34.7





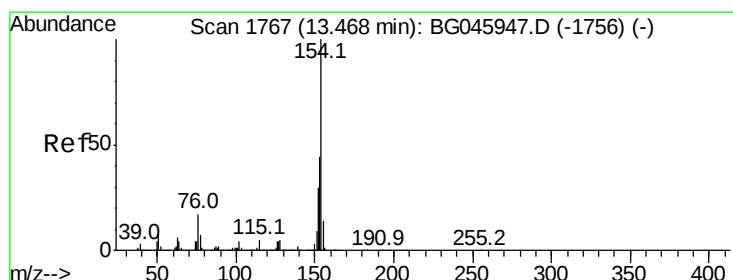
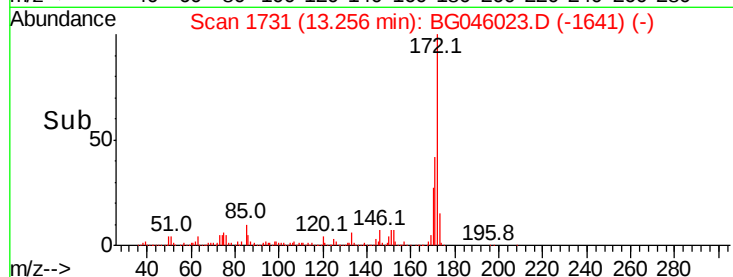
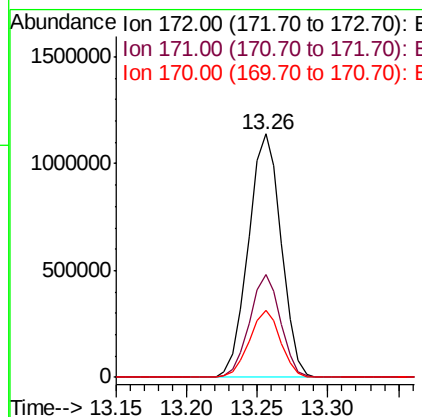
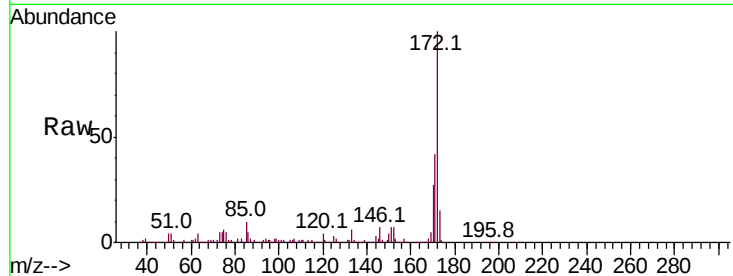
#45
2-Fluorobiphenyl
Concen: 79.660 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.2	32.9	49.3
170	27.4	21.8	32.6

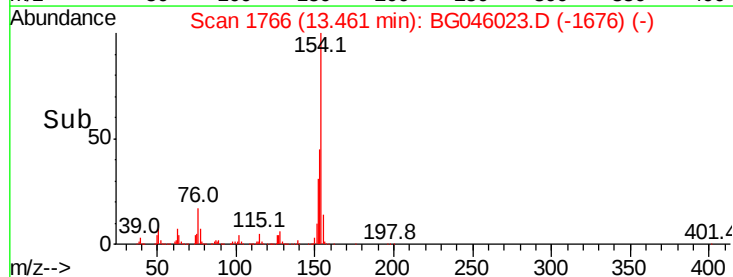
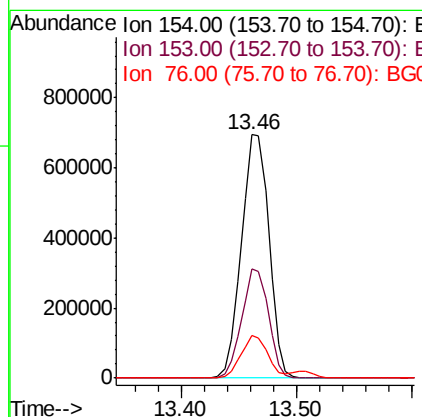
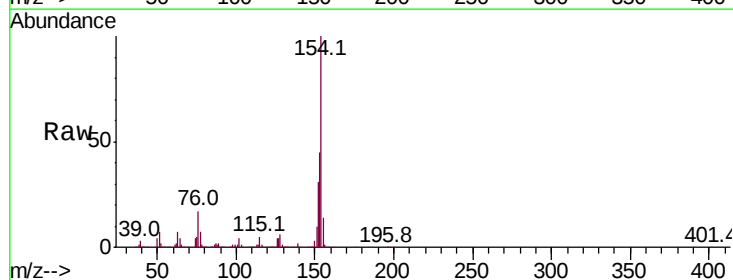
Manual Integrations
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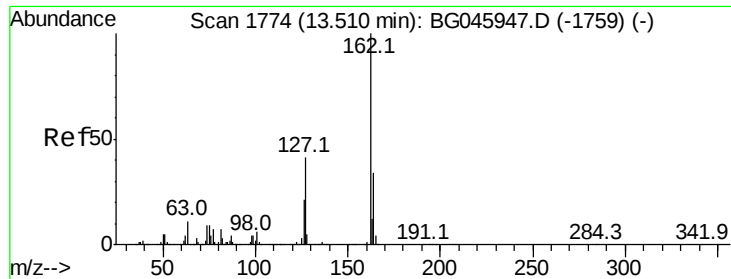
mohammad
7/14/2020 12:01:32 PM



#46
1,1'-Biphenyl
Concen: 42.061 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	23.6	63.6
76	17.3	0.0	36.9





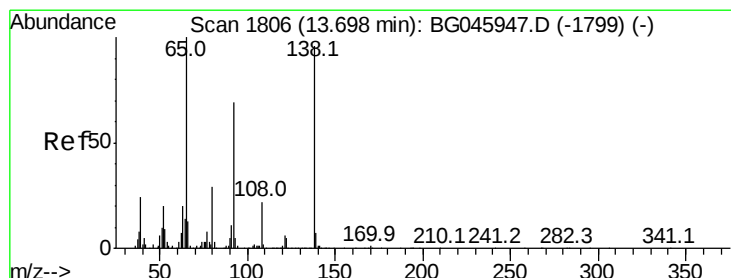
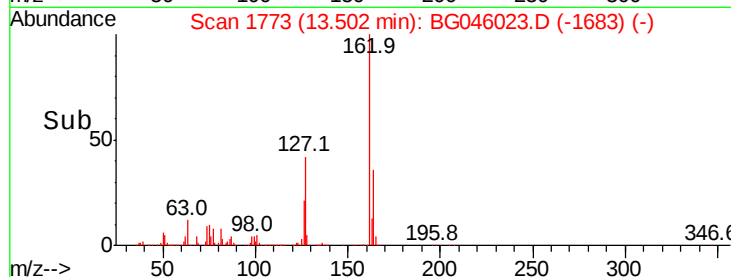
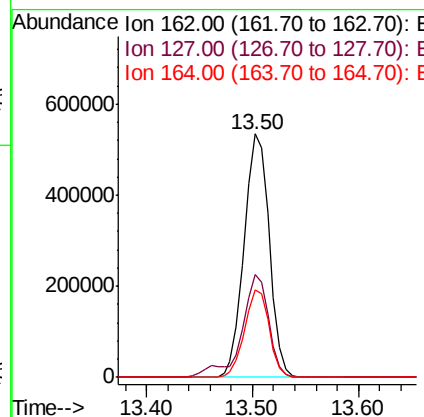
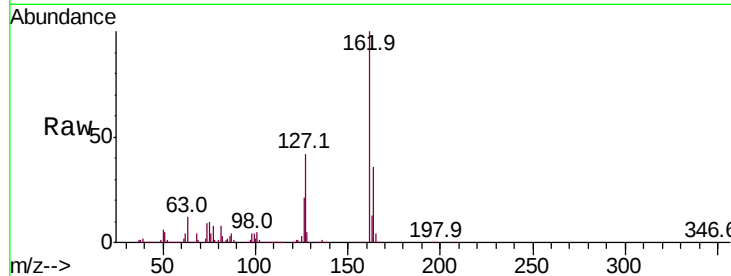
#47
2-Chloronaphthalene
Concen: 40.707 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	32.5	48.7
164	35.8	27.2	40.8

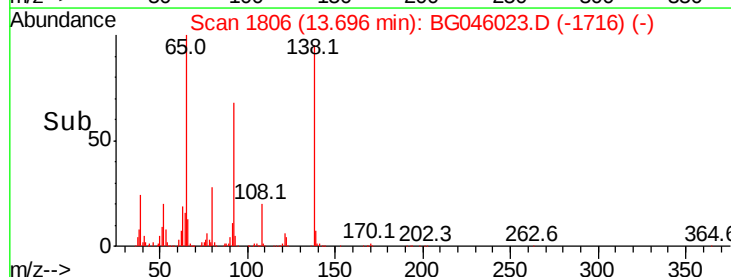
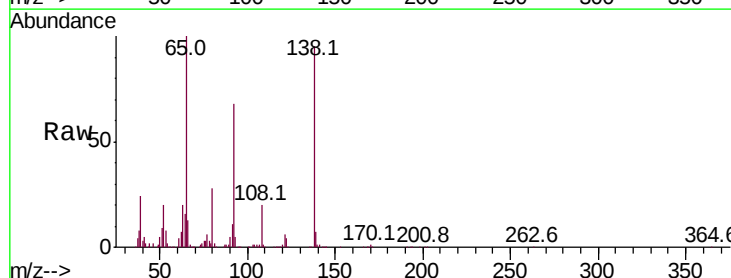
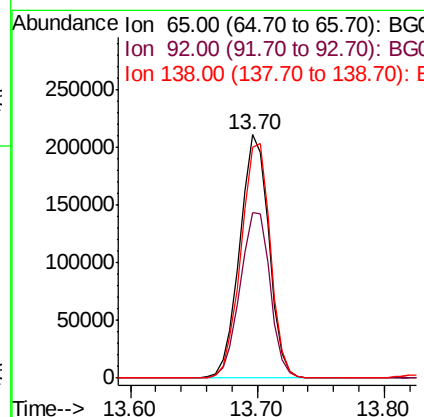
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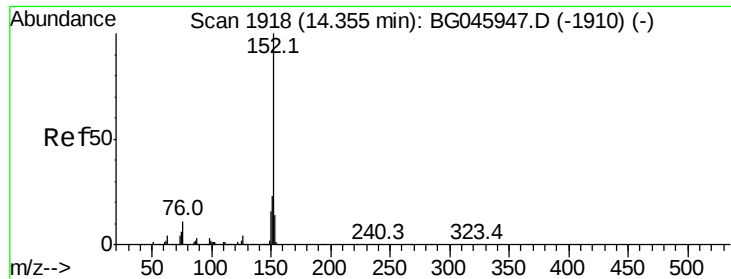
mohammad
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#48
2-Nitroaniline
Concen: 55.088 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	55.4	83.0
138	94.9	77.0	115.4





#49

Acenaphthylene

Concen: 41.422 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

Tot Ion:152 Resp: 1441064

Ion Ratio Lower Upper

152 100

151 23.0 18.1 27.1

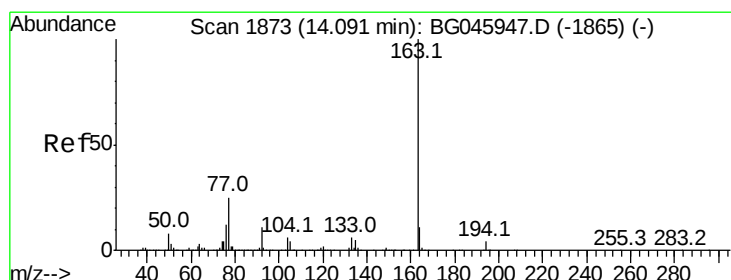
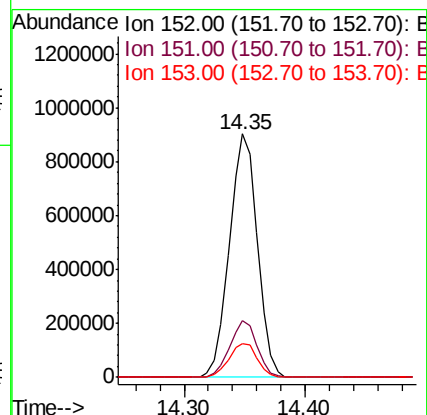
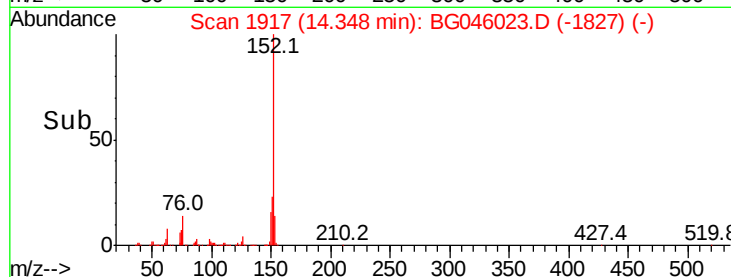
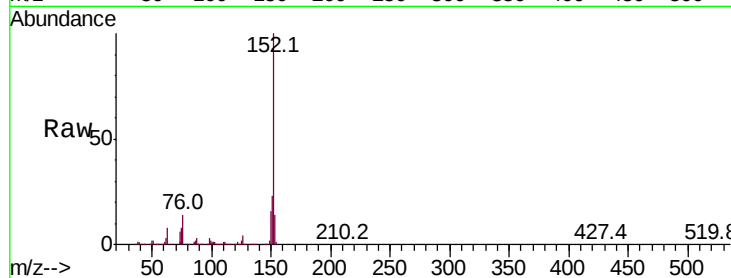
153 14.1 11.5 17.3

Manual Integrations

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#50

Dimethylphthalate

Concen: 41.547 ng

RT: 14.08 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

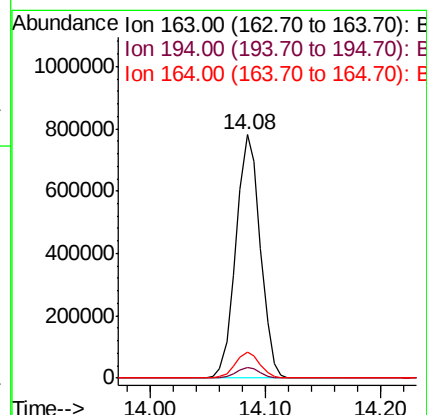
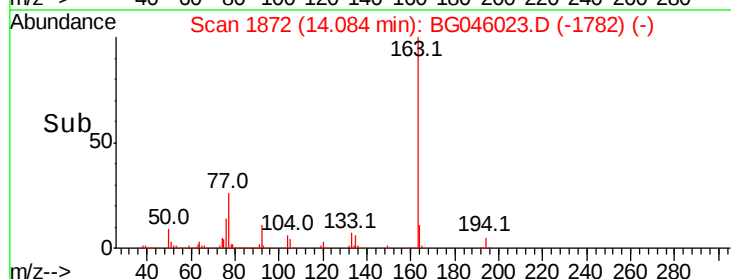
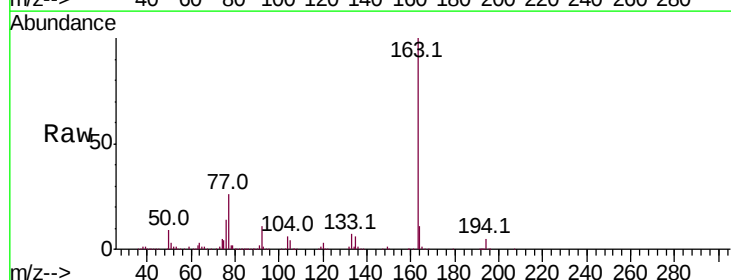
Tgt Ion:163 Resp: 1132735

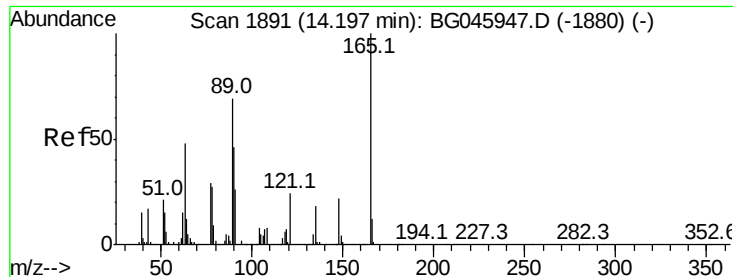
Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

164 10.9 8.9 13.3





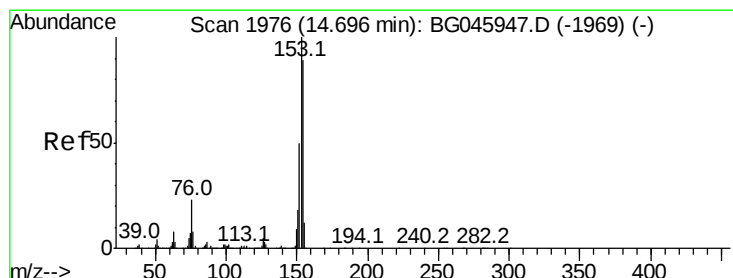
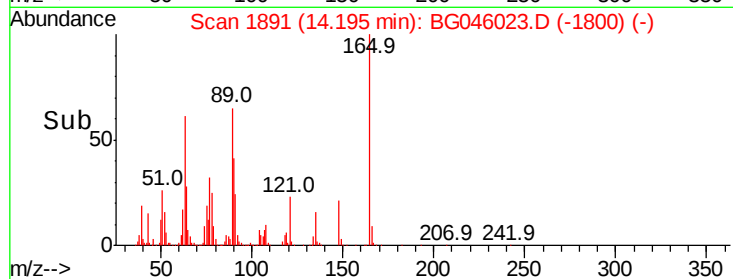
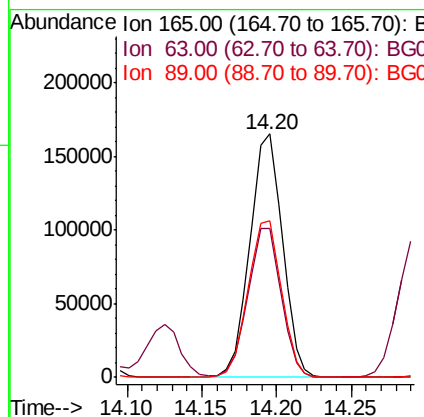
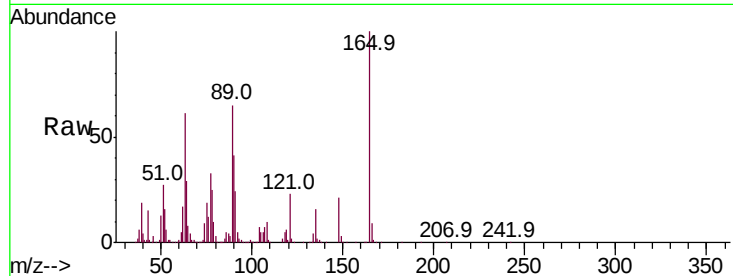
#51
2,6-Dinitrotoluene
Concen: 50.919 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249354		
63	61.4	51.0	76.4	
89	64.6	55.7	83.5	

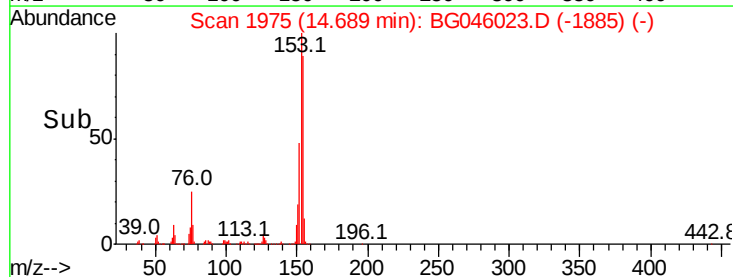
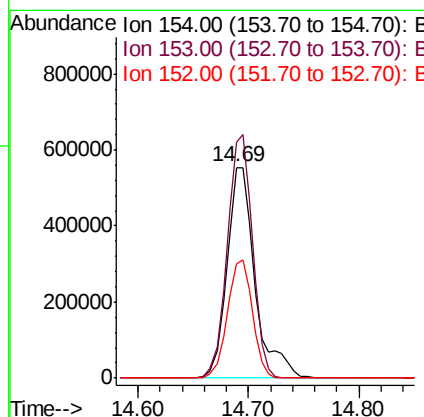
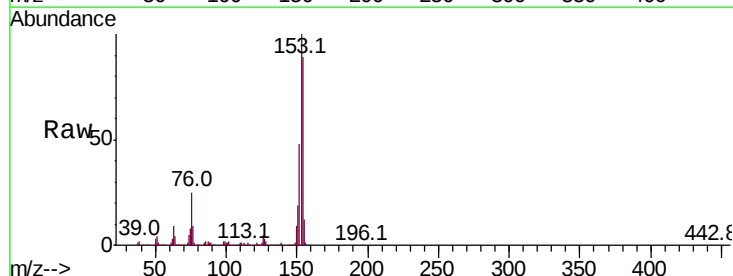
Manual Integrations
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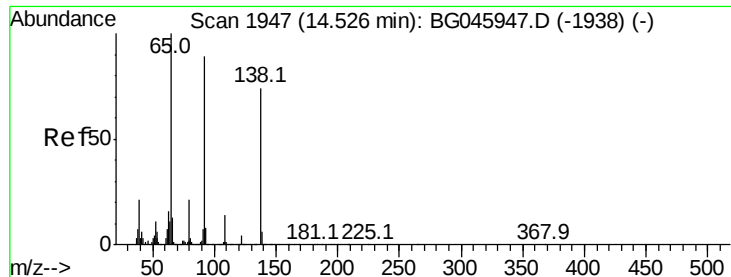
mohammad
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#52
Acenaphthene
Concen: 44.873 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	984677		
153	112.2	89.7	134.5	
152	54.4	44.7	67.1	





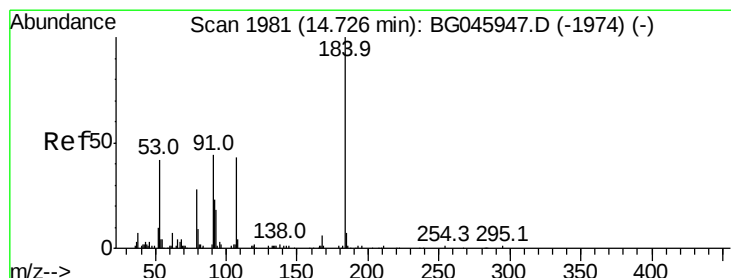
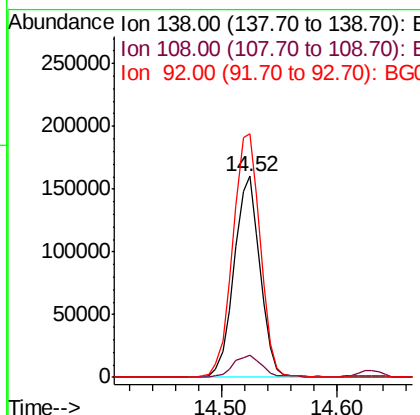
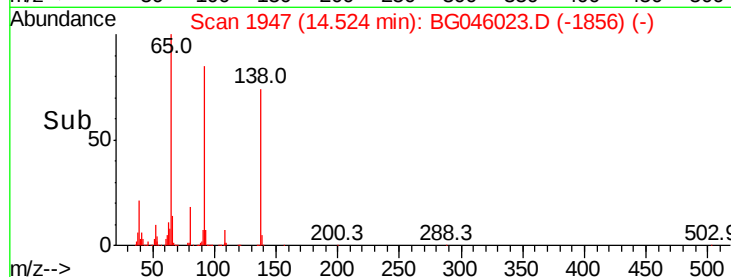
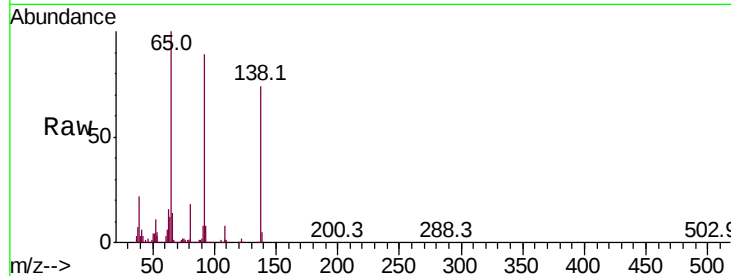
#53
3-Nitroaniline
Concen: 42.037 ng
RT: 14.52 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	15.4	23.2#
92	121.0	95.9	143.9

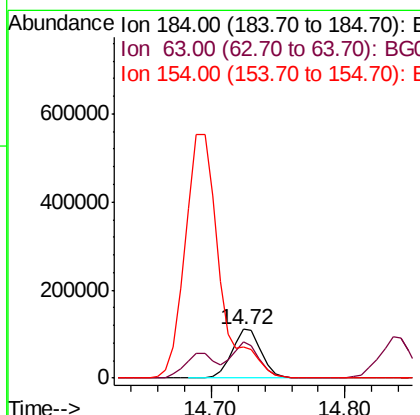
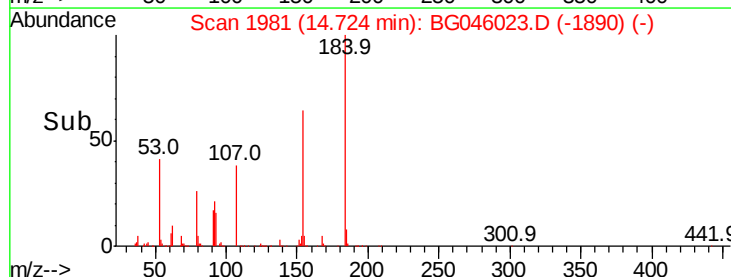
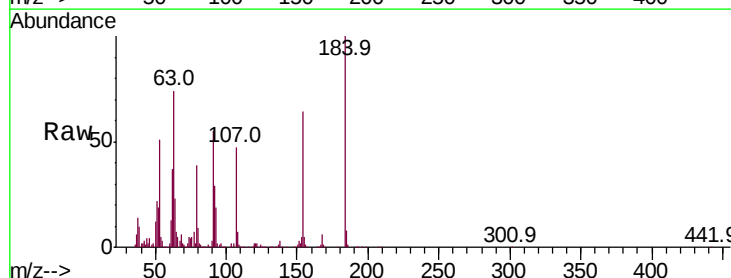
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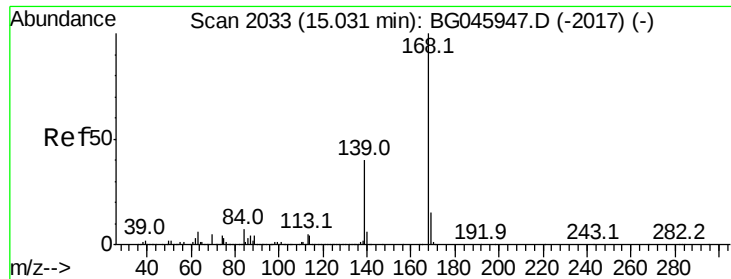
mohammad
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#54
2,4-Dinitrophenol
Concen: 92.168 ng
RT: 14.72 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.1	46.0	69.0#
154	64.4	58.2	87.2





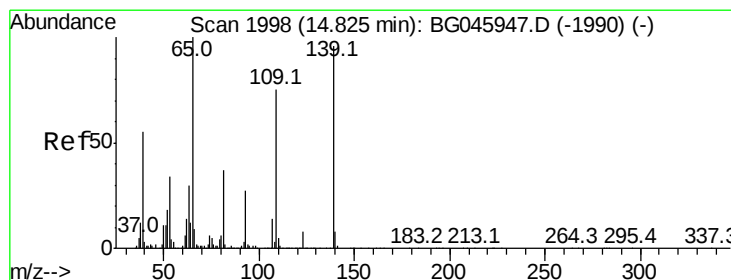
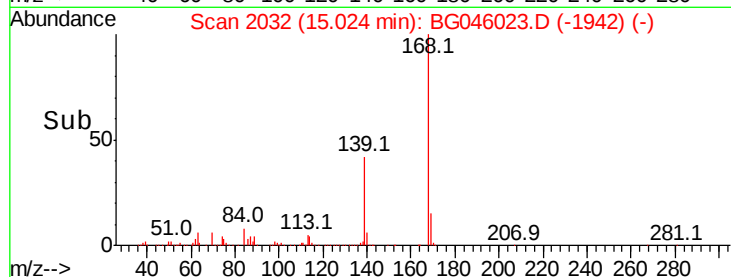
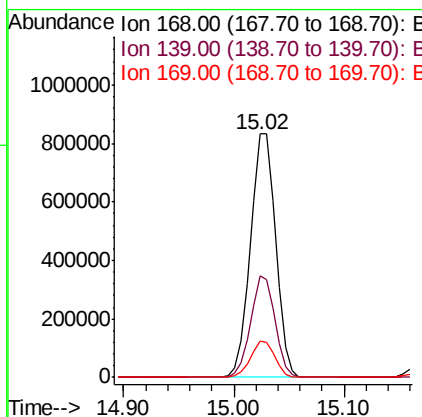
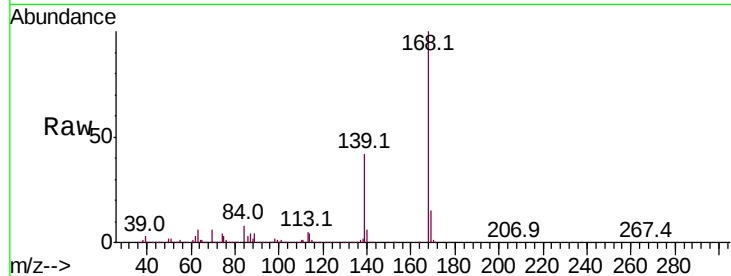
#55
Dibenzofuran
Concen: 41.652 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	32.2	48.2
169	14.7	11.8	17.8

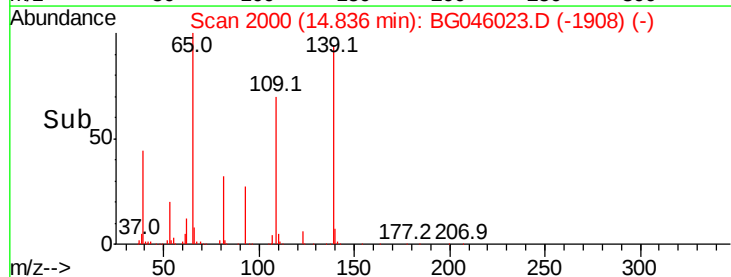
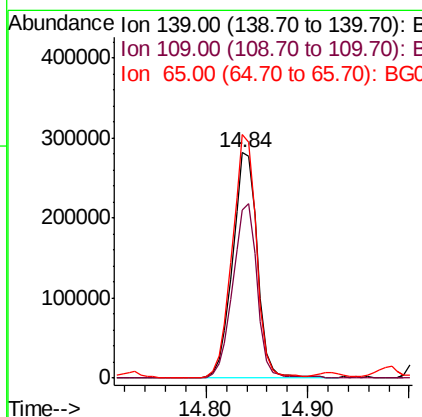
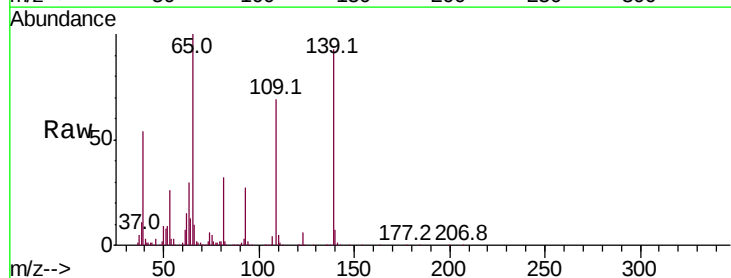
Manual Integrations
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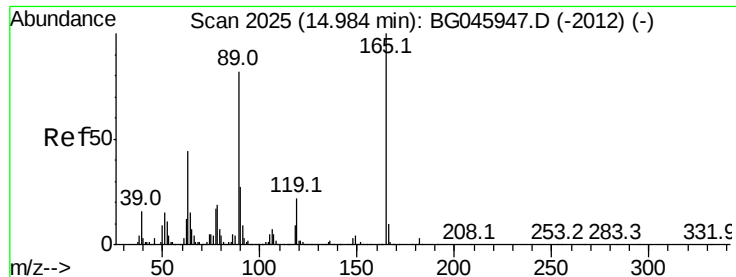
mohammad
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#56
4-Nitrophenol
Concen: 107.409 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.8	58.5	98.5
65	108.0	84.7	124.7





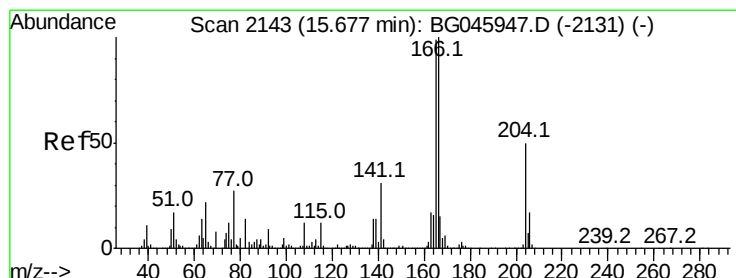
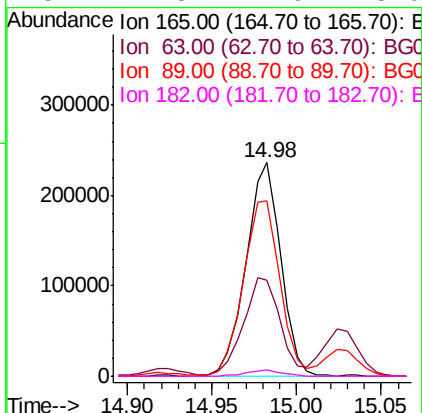
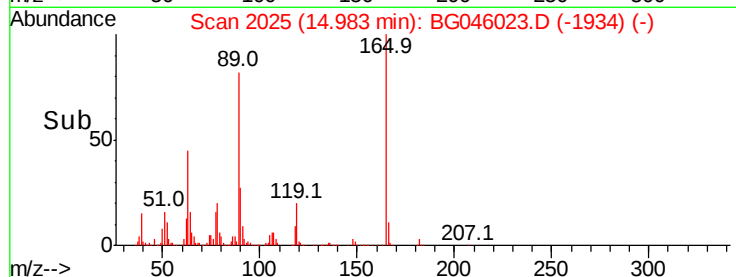
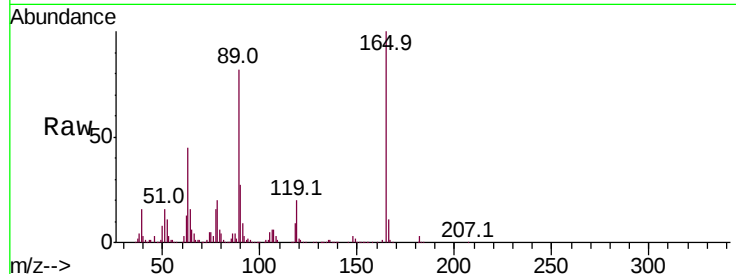
#57
2,4-Dinitrotoluene
Concen: 53.540 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.0	35.4	53.0	
89	82.0	65.4	98.2	
182	2.8	2.0	3.0	

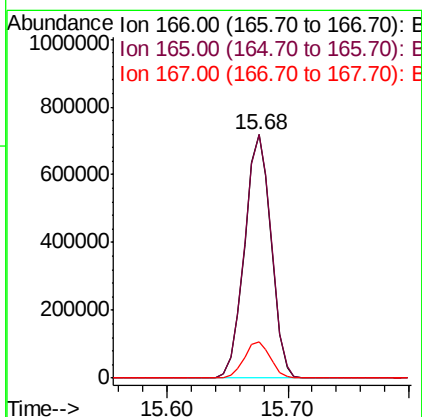
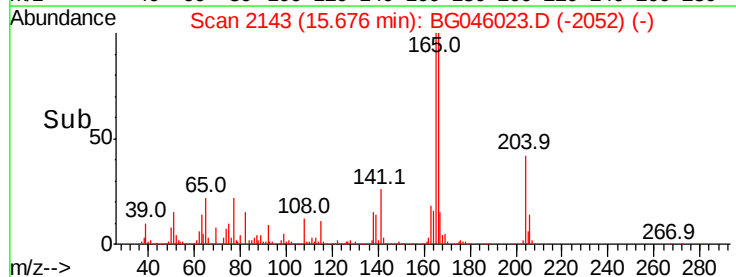
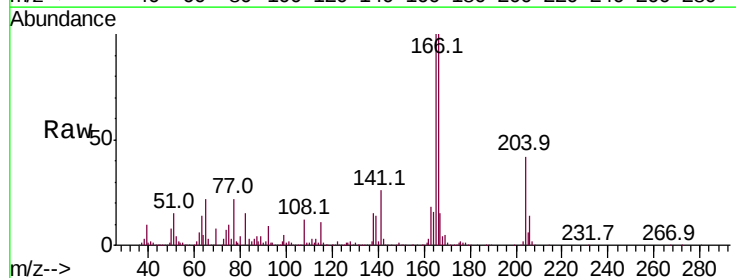
Manual Integrations
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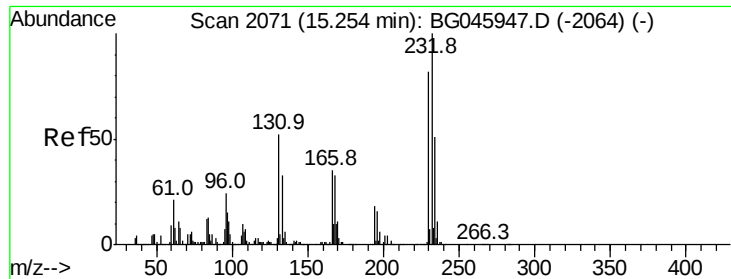
mohammad
7/14/2020 12:01:32 PM



#58
Fluorene
Concen: 41.672 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	78.9	118.3	
167	14.8	12.1	18.1	





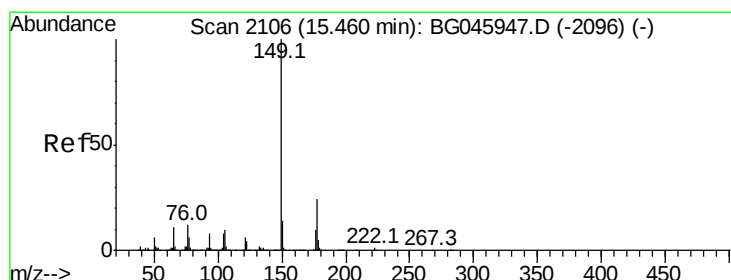
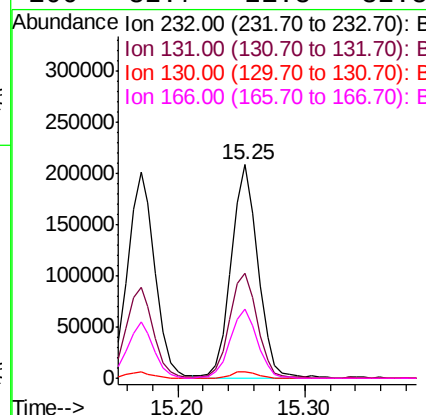
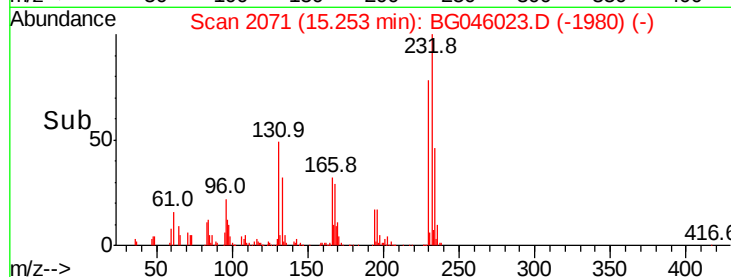
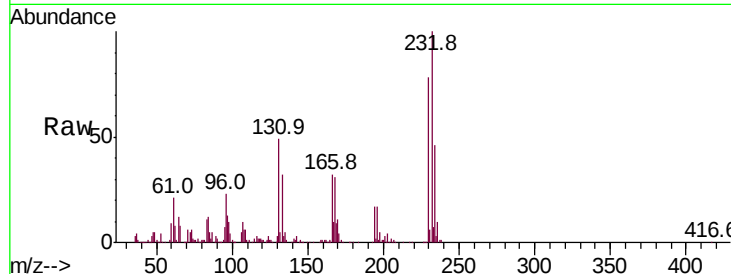
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.723 ng
 RT: 15.25 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.2	35.8	53.6
130	3.0	2.5	3.7
166	32.7	21.8	32.8

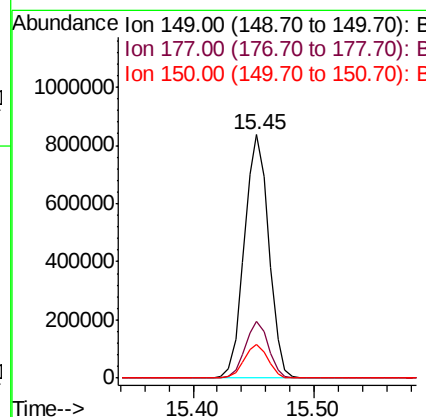
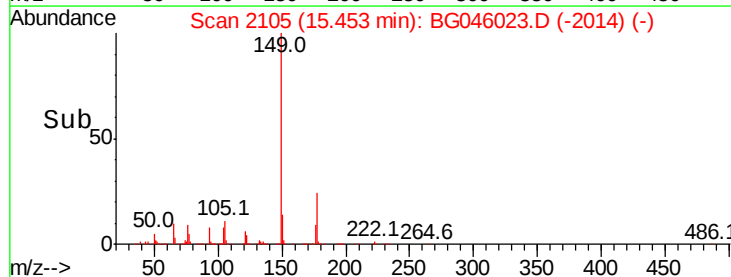
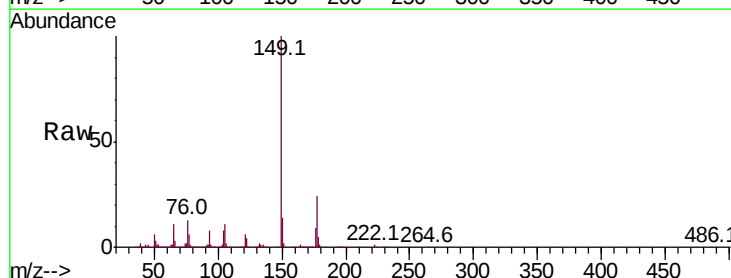
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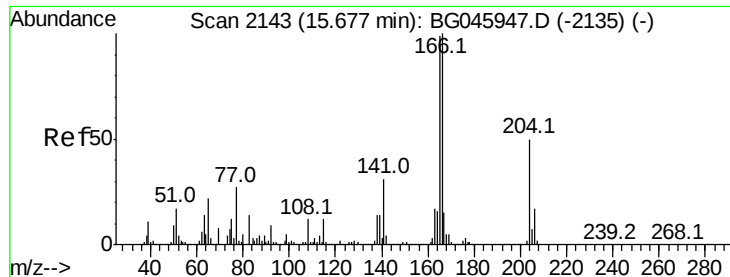
mohammad
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#60
 Diethylphthalate
 Concen: 41.289 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.4
150	13.7	11.0	16.4





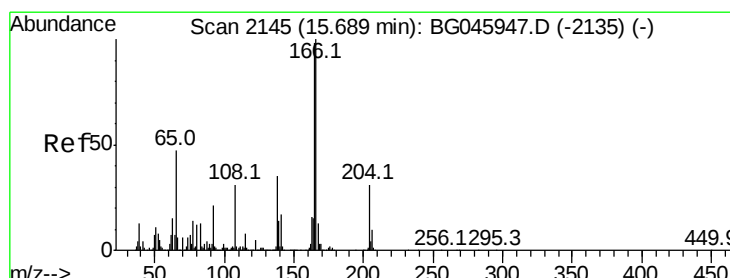
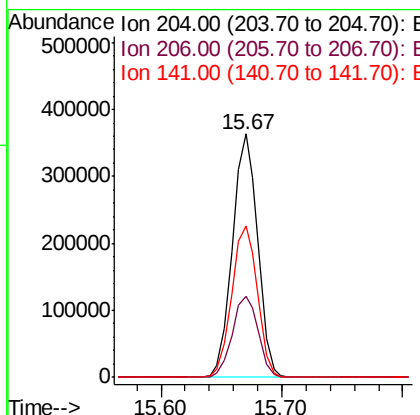
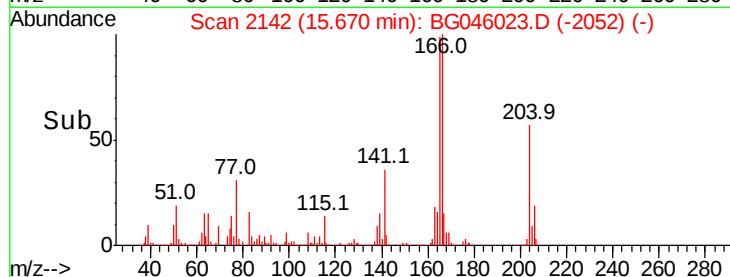
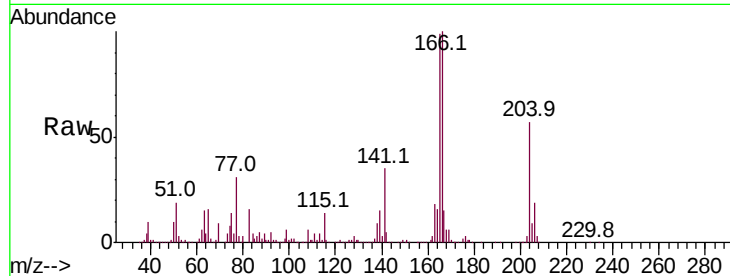
#61
4-Chlorophenyl-phenylether
Concen: 40.230 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleID :
PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.3	27.1	40.7	
141	62.2	49.8	74.8	

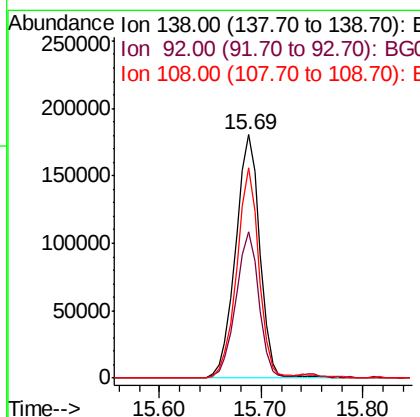
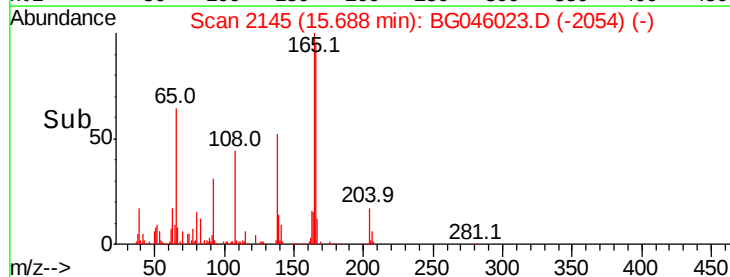
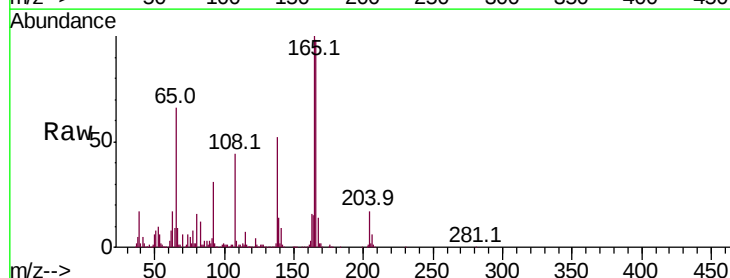
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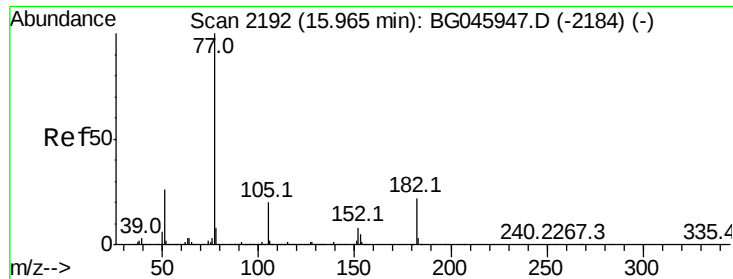
mohammad
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#62
4-Nitroaniline
Concen: 53.102 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	60.0	40.3	80.3	
108	86.3	68.0	108.0	





#63

Azobenzene

Concen: 43.857 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130129BS

Tot Ion: 77 Resp: 1345882

Ion Ratio Lower Upper

77 100

182 23.2 2.4 42.4

105 20.3 0.3 40.3

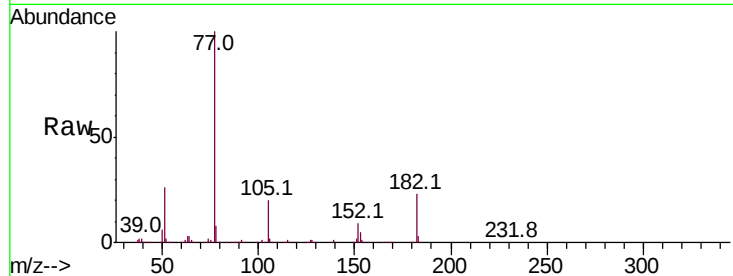
51 26.0 6.3 46.3

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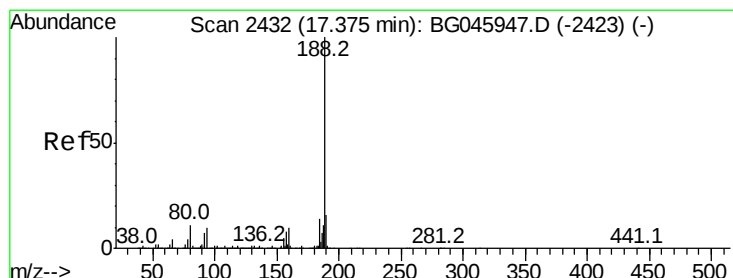
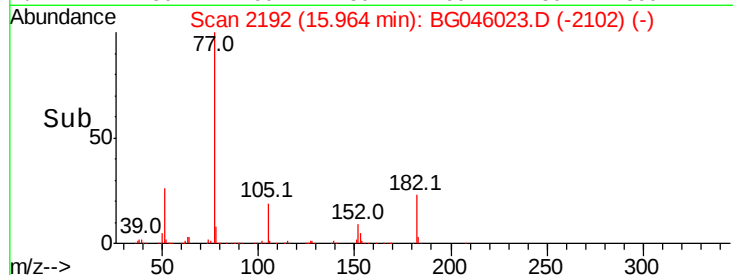
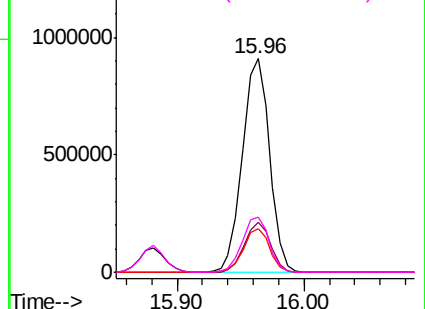


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

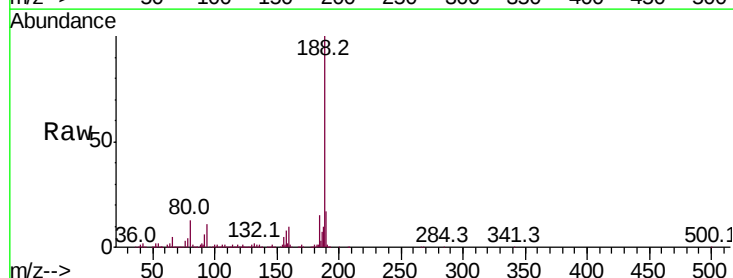
Tgt Ion: 188 Resp: 764950

Ion Ratio Lower Upper

188 100

94 11.1 8.2 12.4

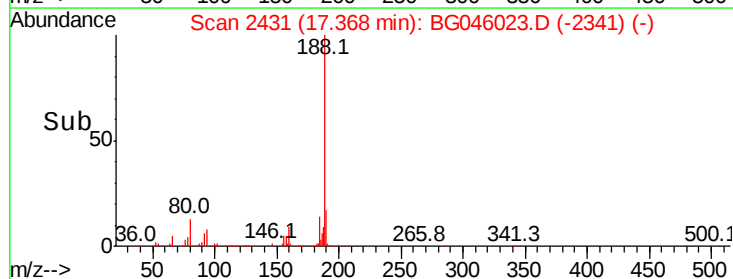
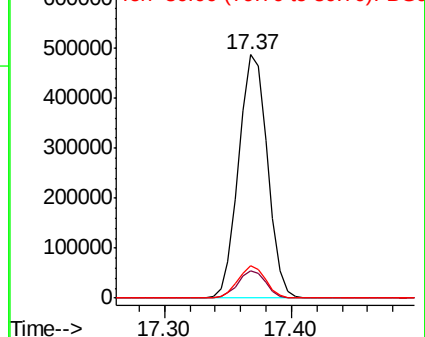
80 13.5 9.0 13.6

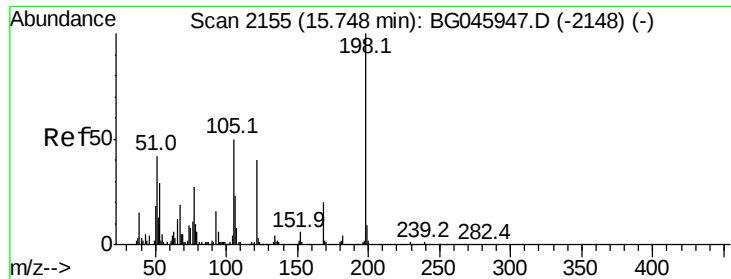


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.865 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

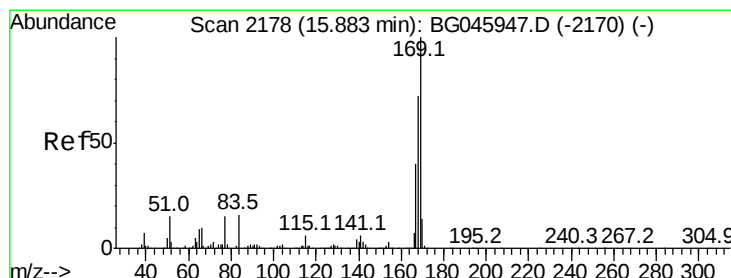
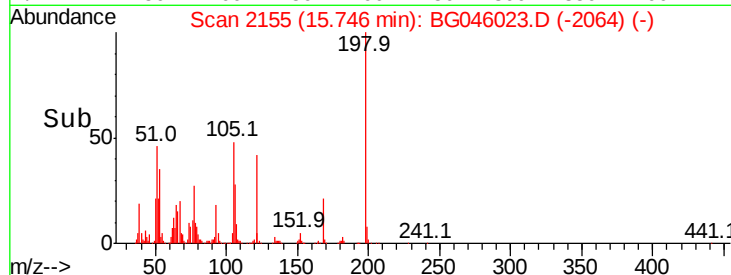
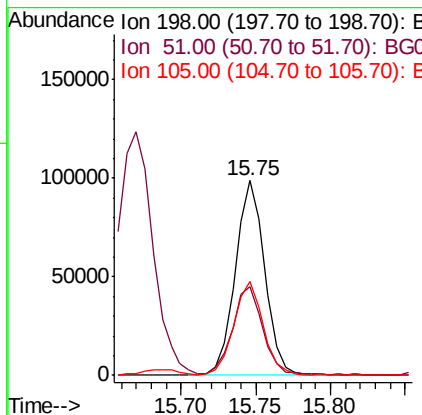
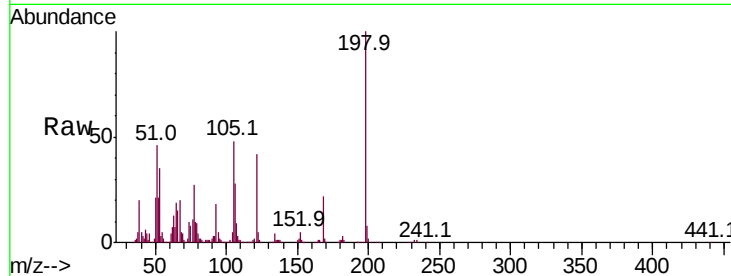
ClientSampleId :

PB130129BS

Tot Ion:	198	Resp:	135215
Ion Ratio	Lower	Upper	
198	100		
51	45.9	24.5	64.5
105	48.3	30.9	70.9

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#66

n-Nitrosodiphenylamine

Concen: 42.376 ng

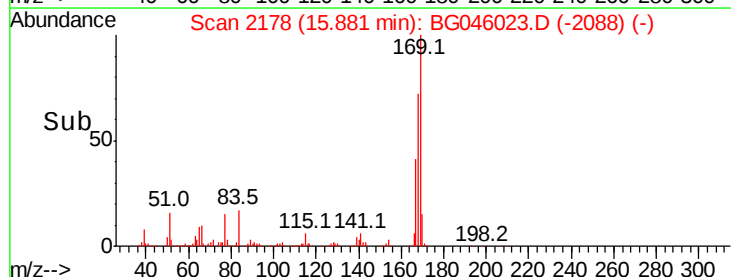
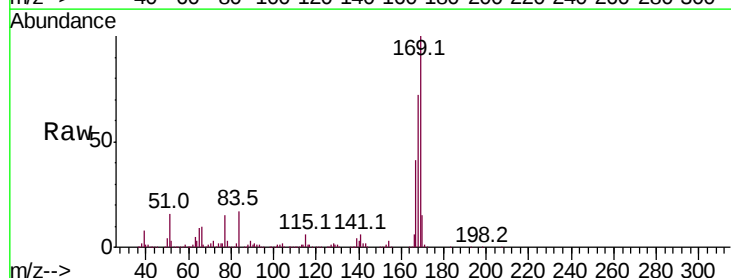
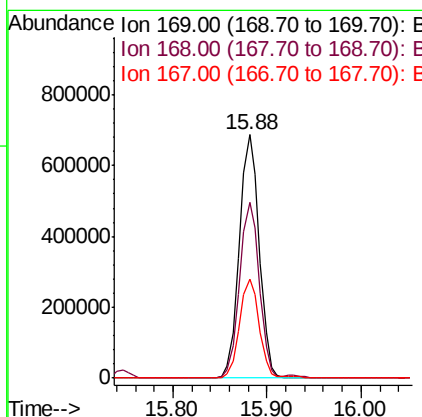
RT: 15.88 min Scan# 2178

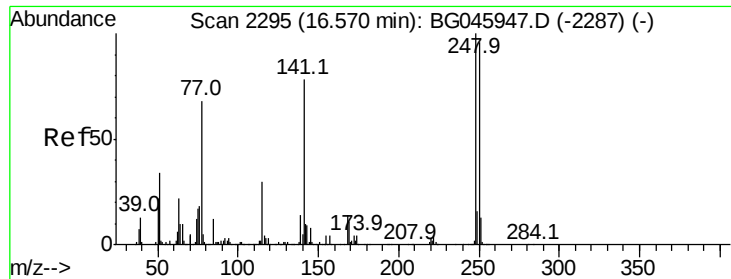
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:	169	Resp:	1004502
Ion Ratio	Lower	Upper	
169	100		
168	72.3	57.3	85.9
167	40.8	32.1	48.1





#67

4-Bromophenyl-phenylether

Concen: 40.177 ng

RT: 16.56 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

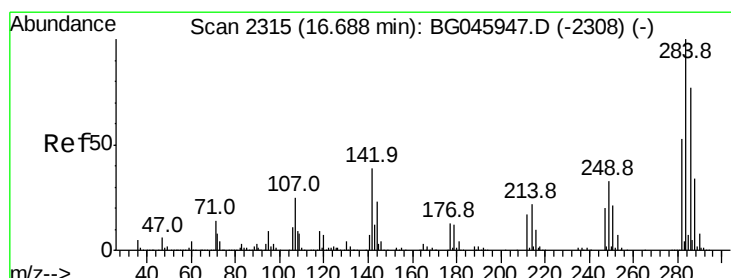
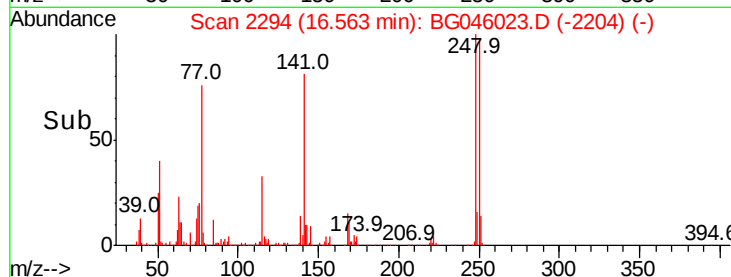
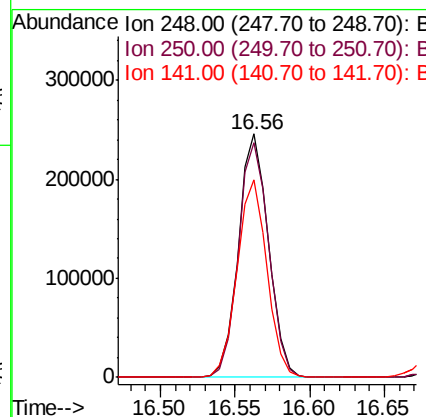
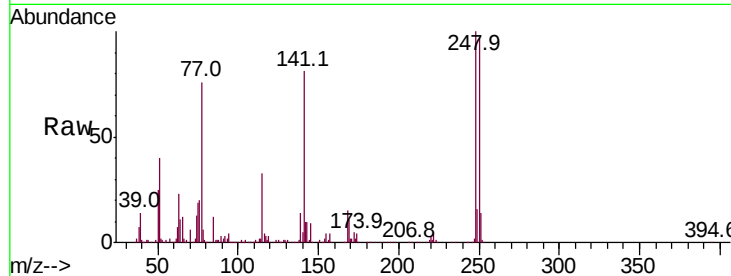
ClientSampleId :

PB130129BS

Tot Ion:	248	Resp:	343247
Ion Ratio	Lower	Upper	
248	100		
250	96.6	76.6	114.8
141	81.4	62.7	94.1

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#68

Hexachlorobenzene

Concen: 41.499 ng

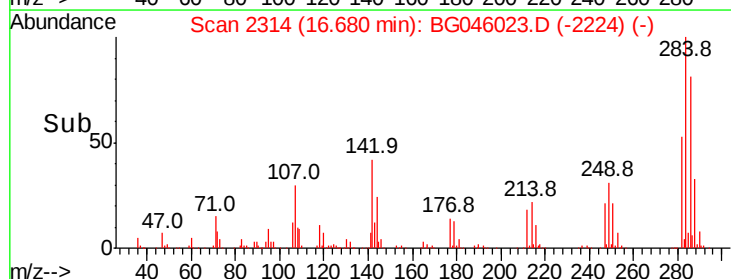
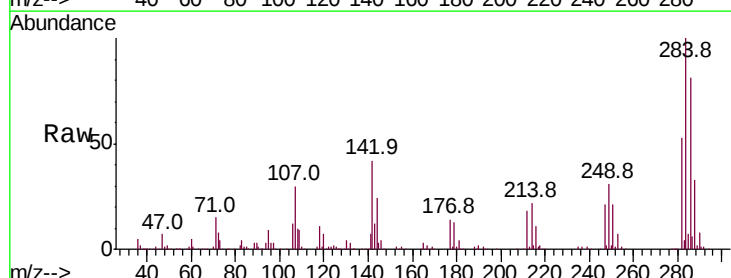
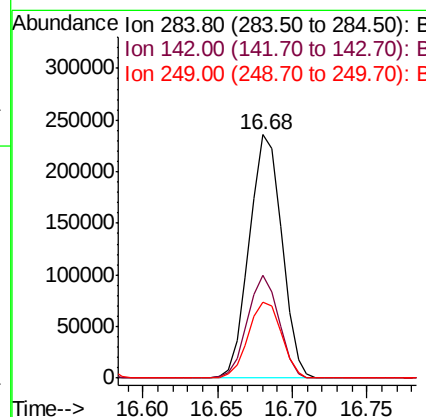
RT: 16.68 min Scan# 2314

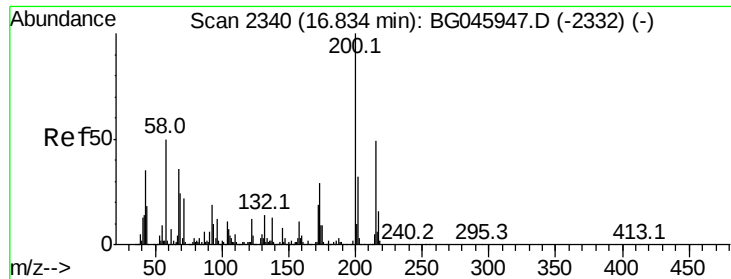
Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion:	284	Resp:	355779
Ion Ratio	Lower	Upper	
284	100		
142	42.3	31.3	46.9
249	31.2	26.8	40.2





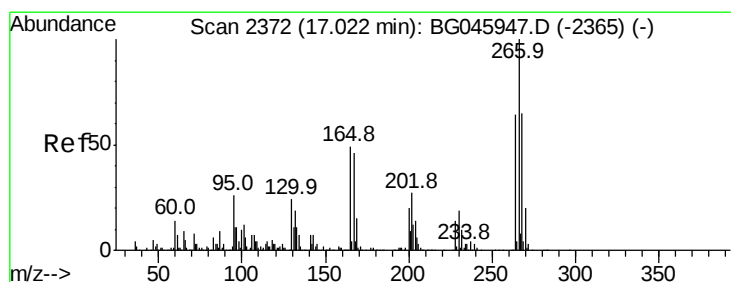
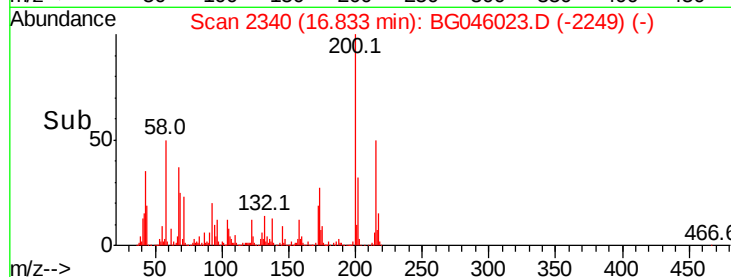
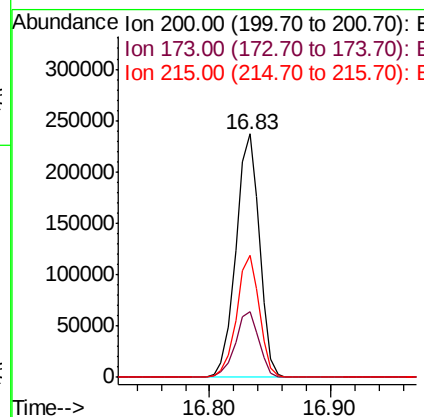
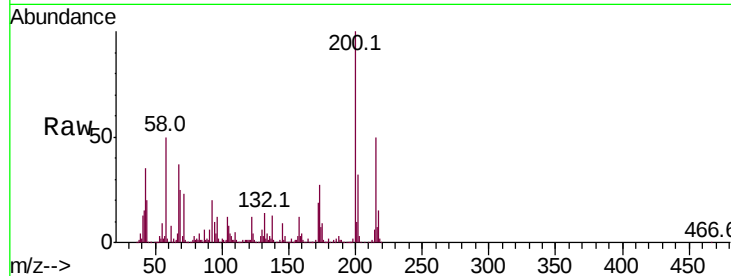
#69
Atrazine
Concen: 45.729 ng
RT: 16.83 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.0	9.1	49.1	
215	50.0	28.8	68.8	

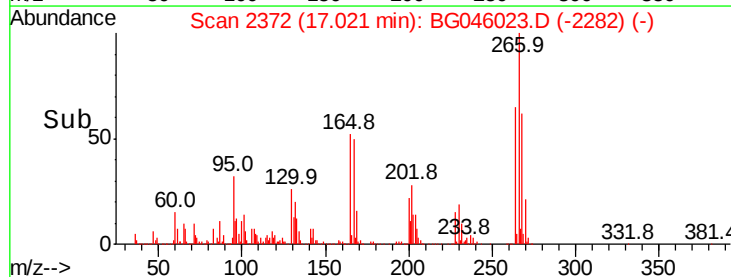
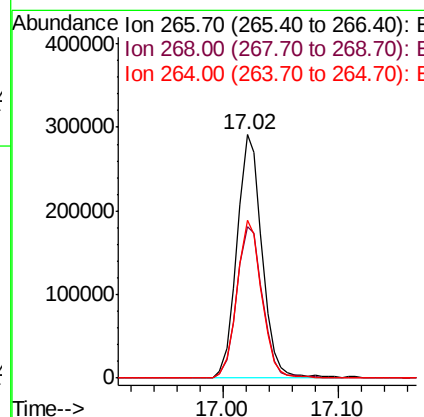
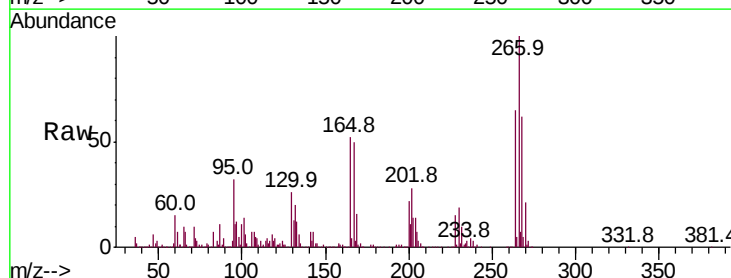
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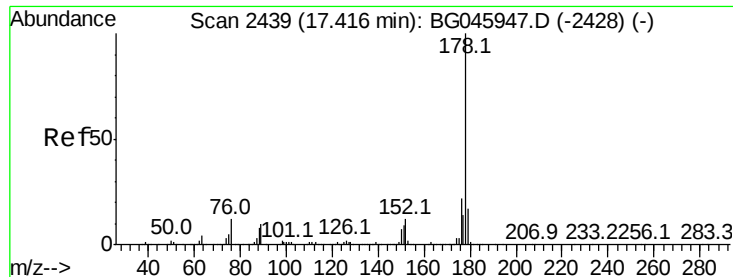
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#70
Pentachlorophenol
Concen: 91.907 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.2	51.8	77.8	
264	64.8	51.4	77.0	





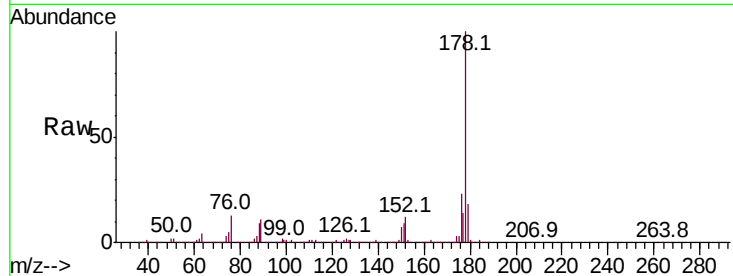
#71
Phenanthrene
Concen: 42.331 ng
RT: 17.41 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.2	17.4	26.2
179	18.3	13.4	20.2

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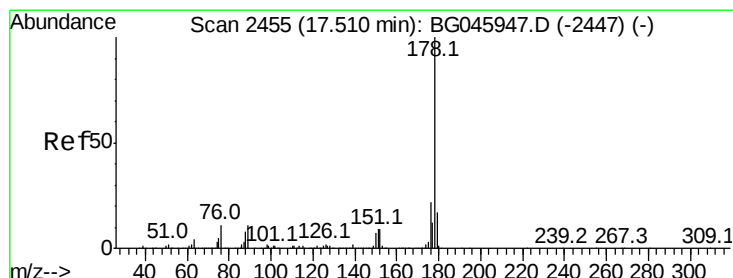
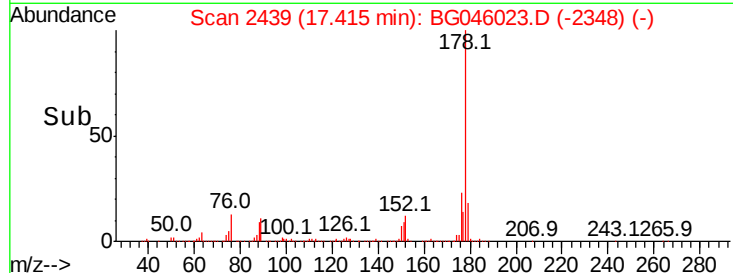
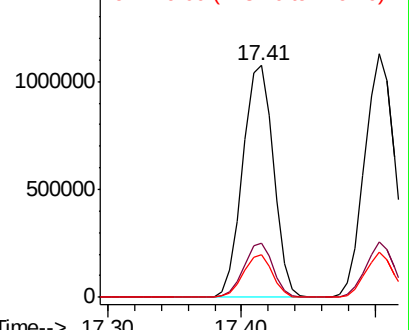


Abundance

Ion 178.00 (177.70 to 178.70): E

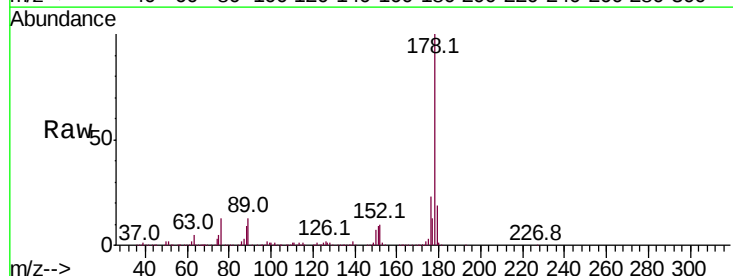
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 42.501 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.6	17.2	25.8
179	18.5	14.0	21.0

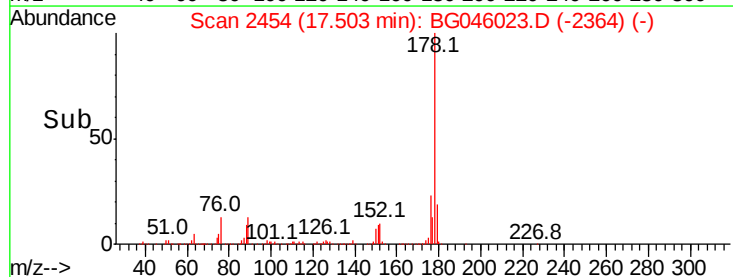
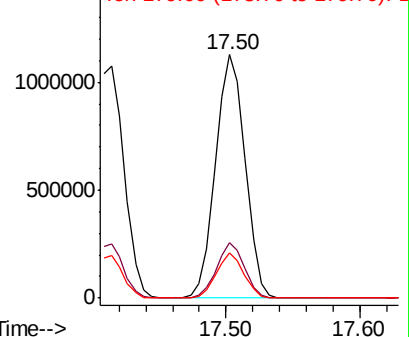


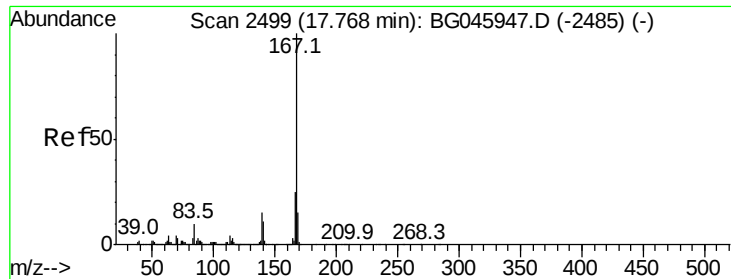
Abundance

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





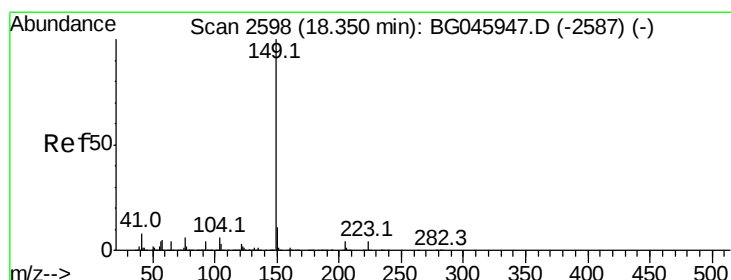
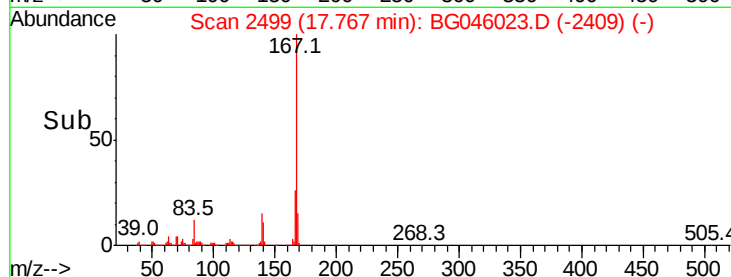
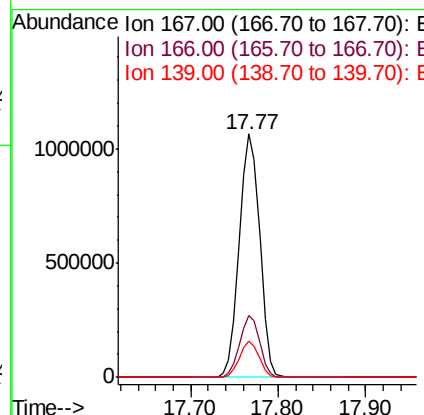
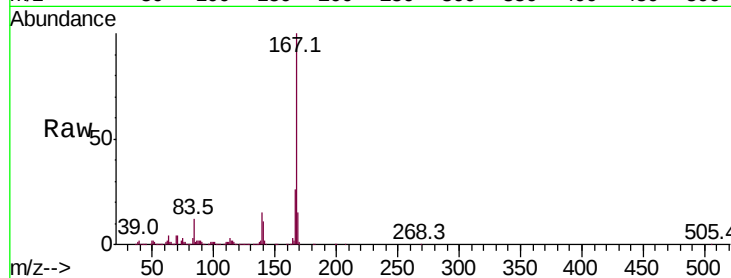
#73
 Carbazole
 Concen: 40.914 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.6	20.4	30.6
139	14.8	11.8	17.8

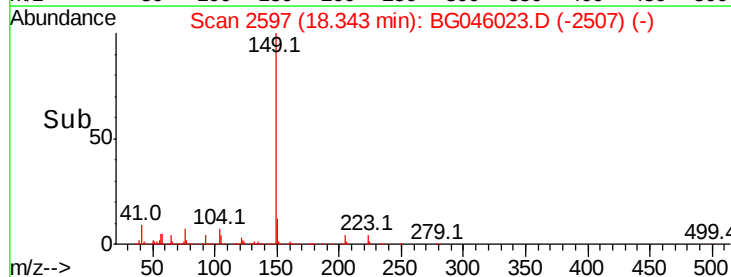
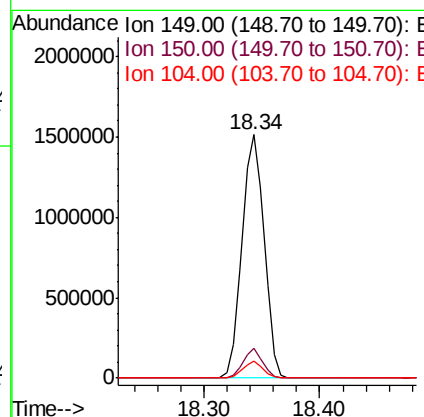
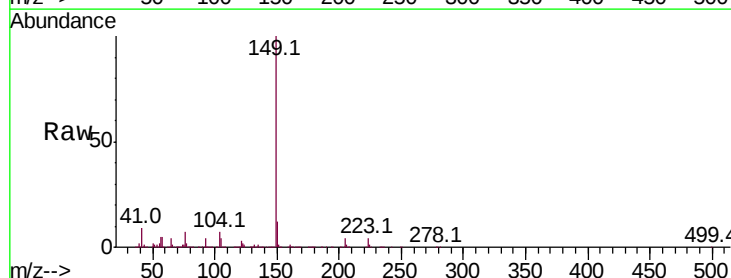
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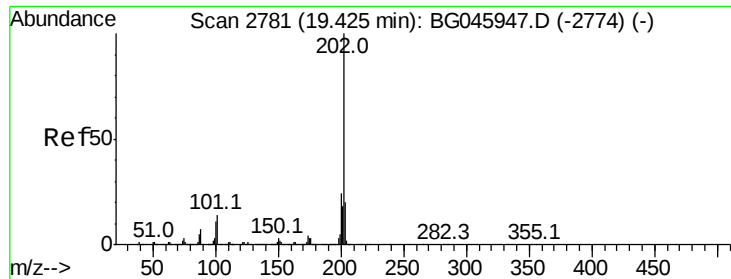
mohammad
 7/14/2020 12:01:32 PM



#74
 Di-n-butylphthalate
 Concen: 40.394 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.0	9.0	13.4
104	6.8	5.2	7.8





#75

Fluoranthene

Concen: 41.905 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

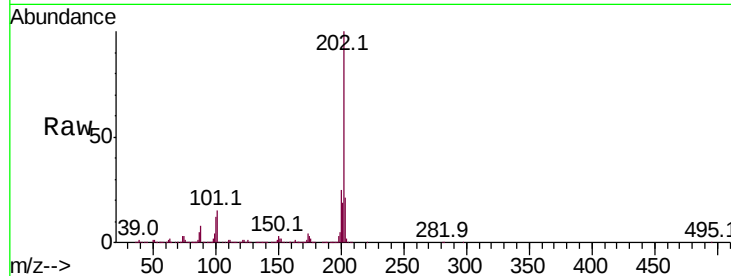
ClientSampleId :

PB130129BS

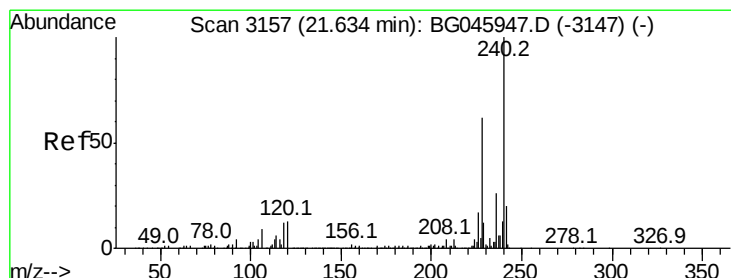
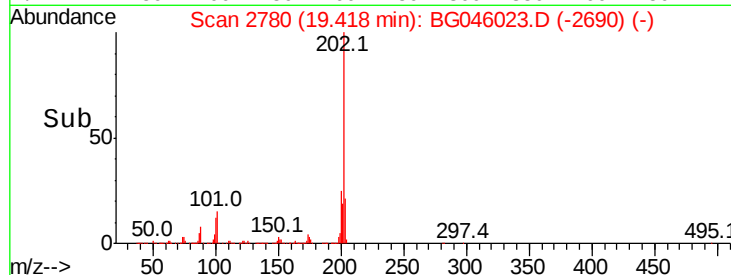
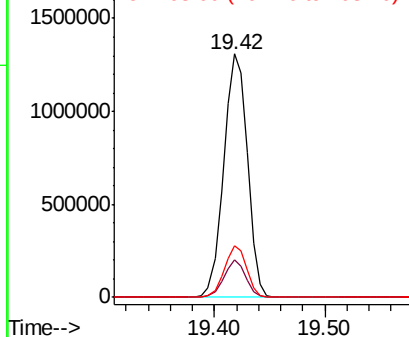
Tot Ion:	202	Resp:	1959050
Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	33.8
203	21.2	0.4	40.4

Manual Integrations
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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

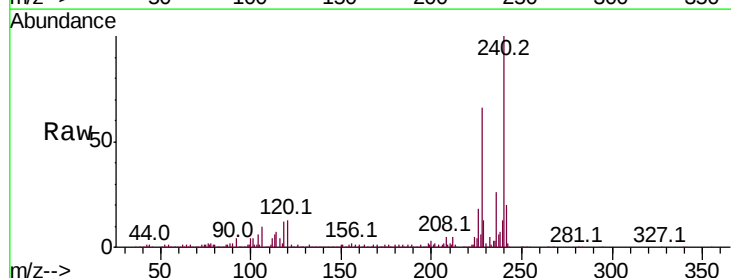
RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

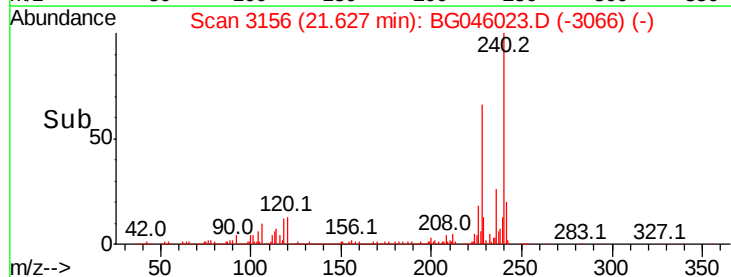
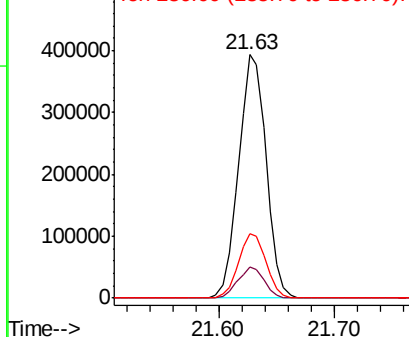
Lab File: BG046023.D

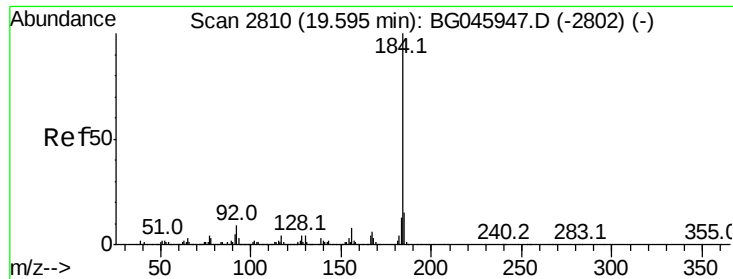
Acq: 13 Jul 2020 15:15

Tgt Ion:	240	Resp:	648258
Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.6	16.0
236	26.2	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: 63.237 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

ClientSampled :

PB130129BS

Tot Ion:184 Resp: 1172119

Ion Ratio Lower Upper

184 100

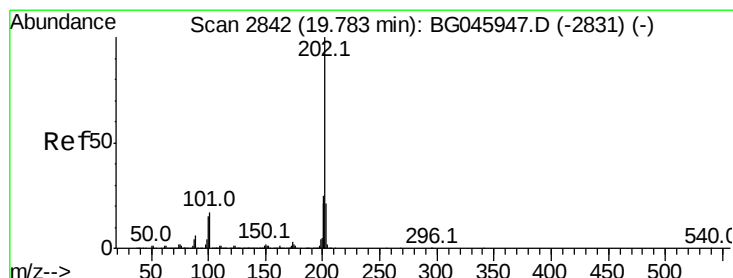
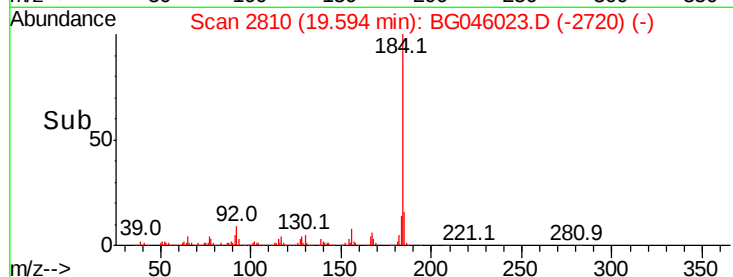
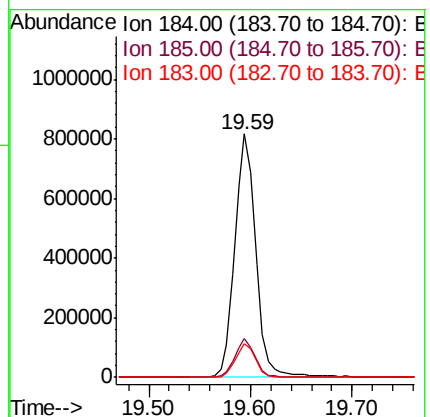
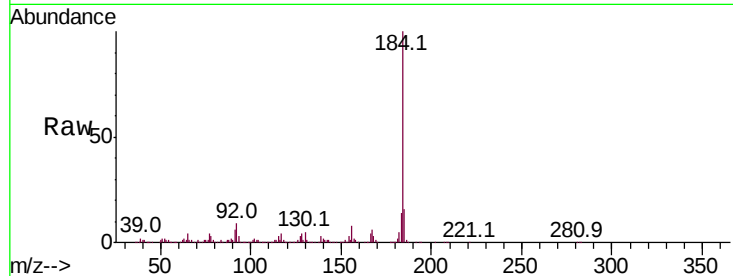
185 16.1 11.6 17.4

183 13.6 10.4 15.6

Manual Integrations
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#78

Pyrene

Concen: 43.378 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

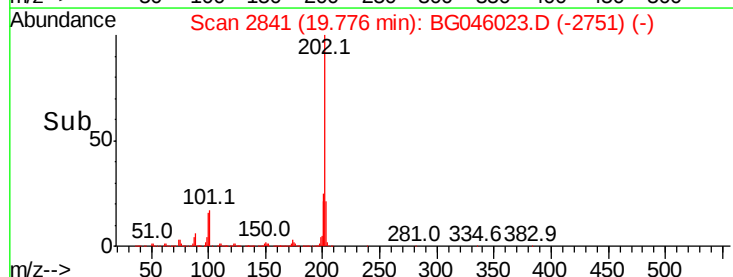
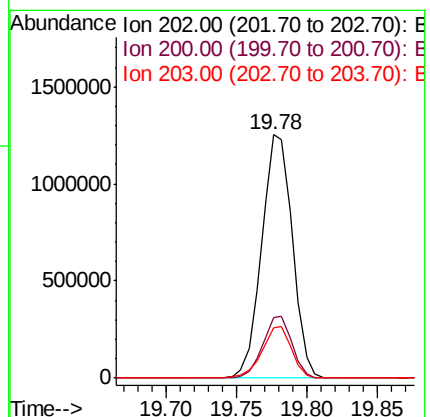
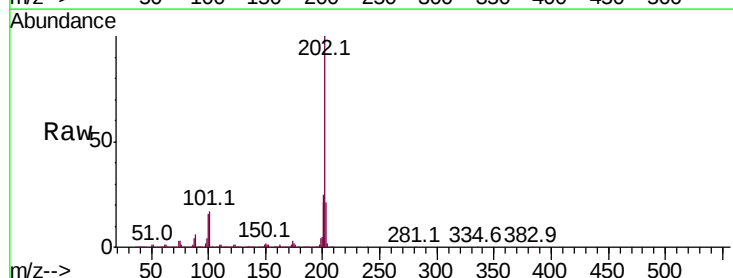
Tgt Ion:202 Resp: 1919468

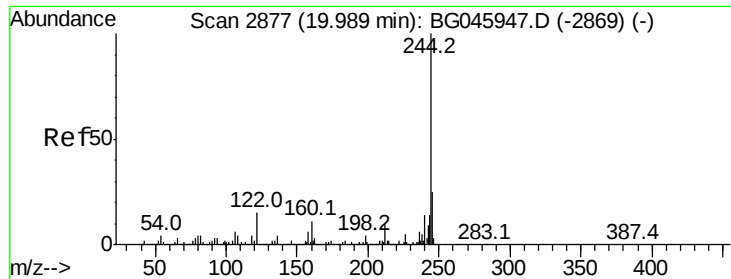
Ion Ratio Lower Upper

202 100

200 24.7 20.1 30.1

203 20.6 16.5 24.7





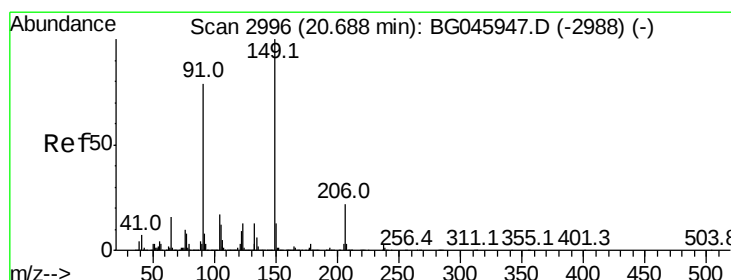
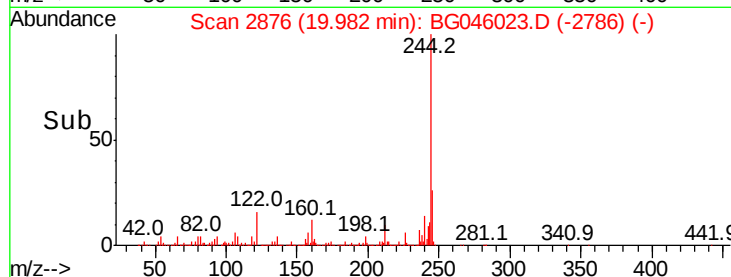
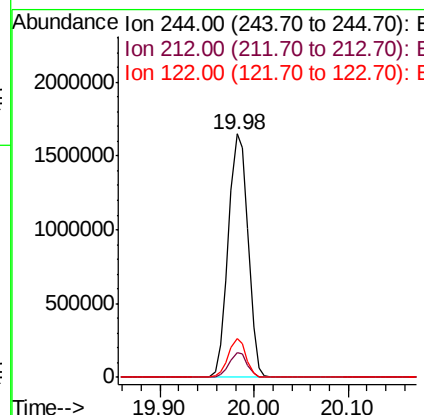
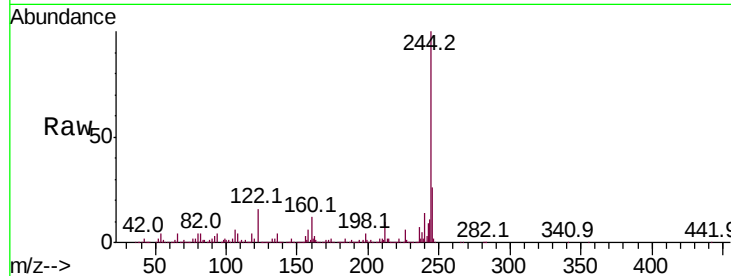
#79
 Terphenyl-d14
 Concen: 82.669 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.3	12.5
122	15.8	12.1	18.1

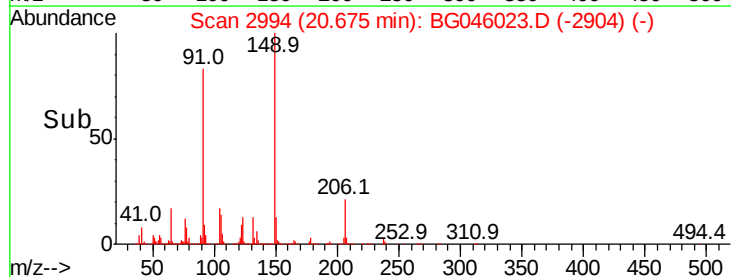
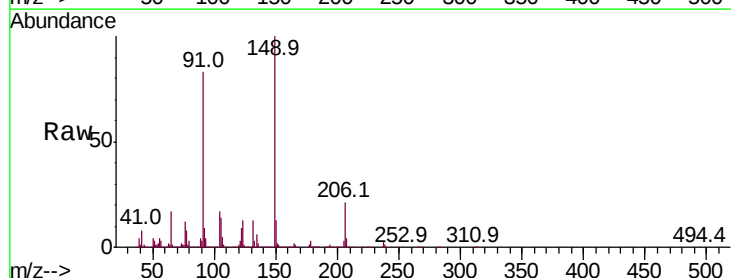
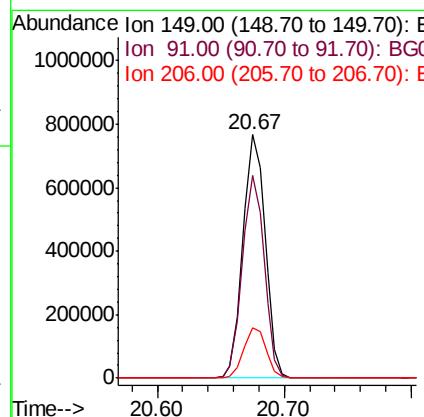
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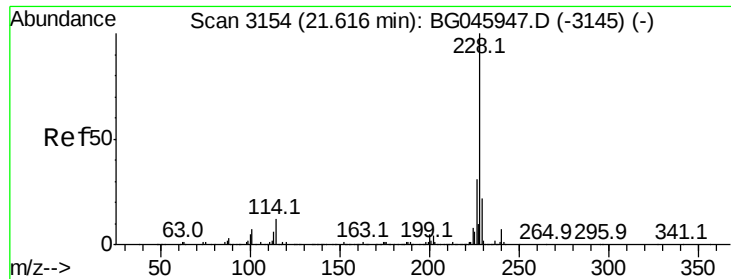
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.451 ng
 RT: 20.67 min Scan# 2994
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.0	63.1	94.7
206	20.7	17.4	26.0





#81

Benzo(a)anthracene

Concen: 41.598 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Instrument :

BNA_G

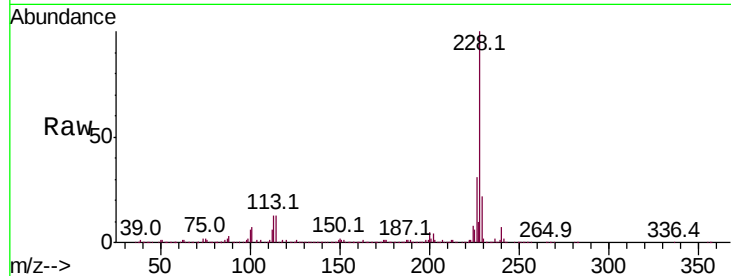
ClientSampleId :

PB130129BS

Tot Ion:	228	Resp:	1773129
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	22.2	17.8	26.8

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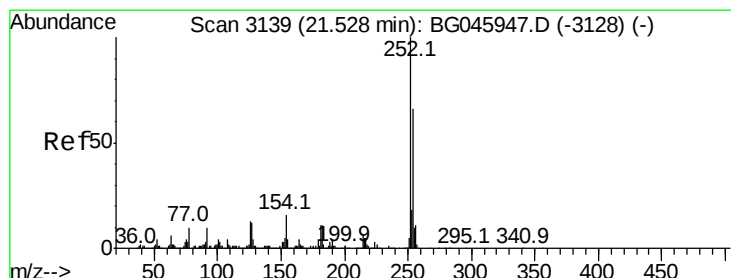
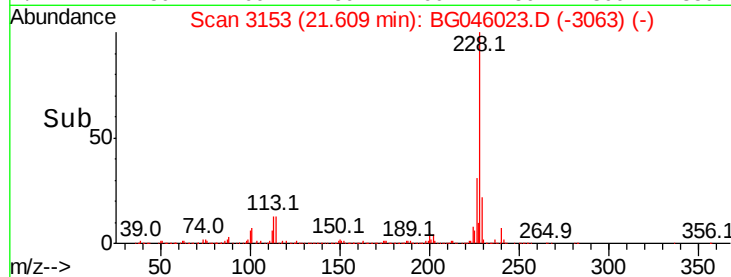
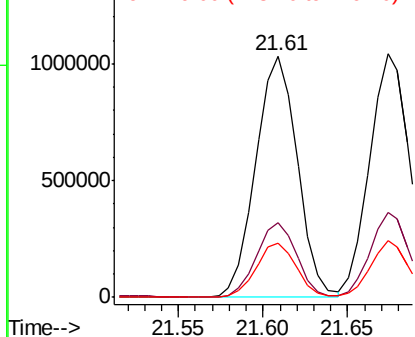


Abundance

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: 35.450 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

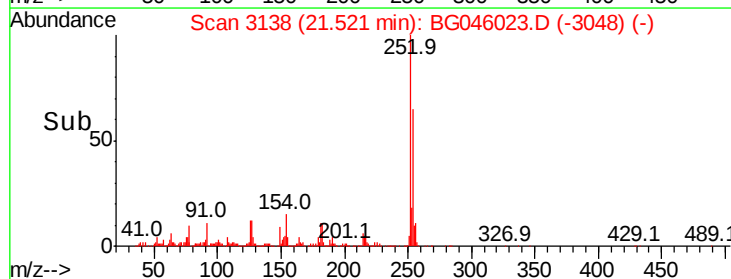
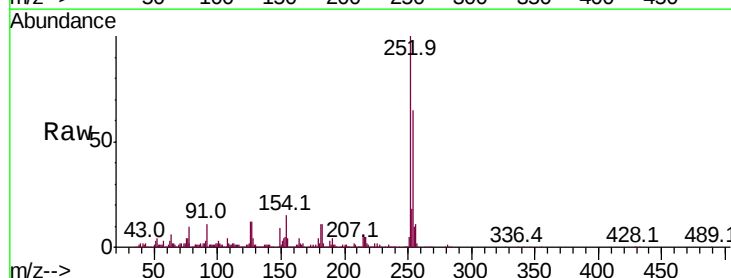
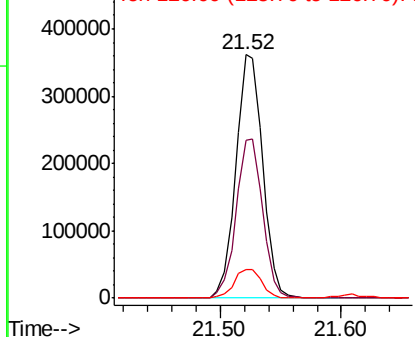
Tgt Ion:	252	Resp:	558366
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.9	79.3
126	11.9	10.4	15.6

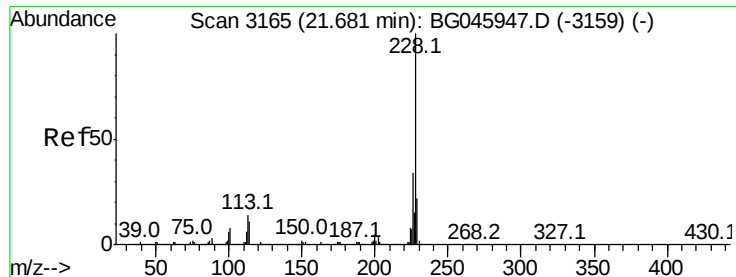
Abundance

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





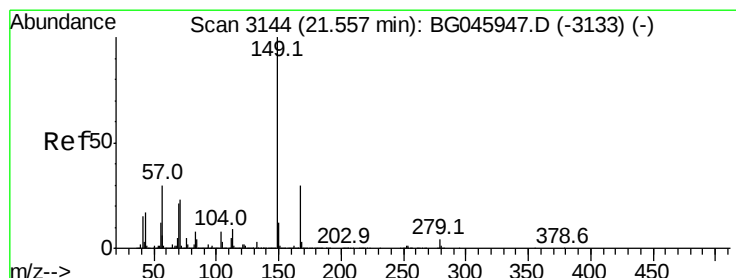
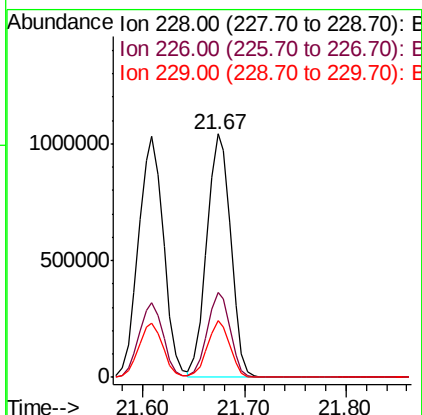
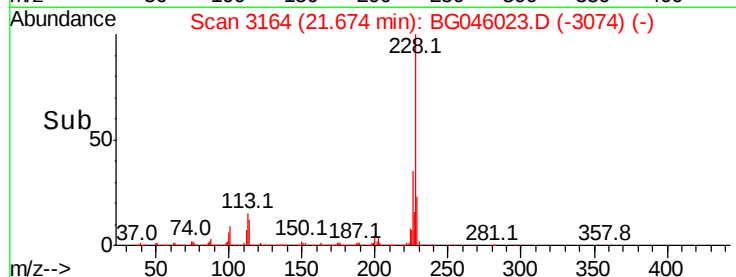
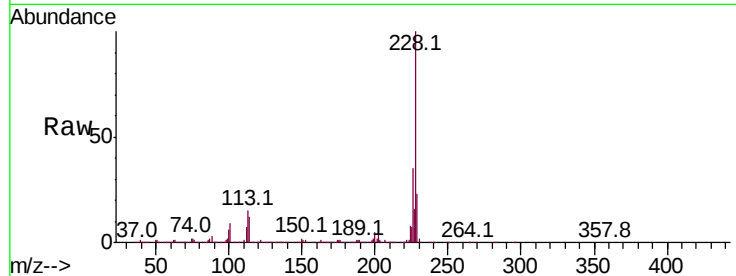
#83
 Chrysene
 Concen: 41.932 ng
 RT: 21.67 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130129BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.1	26.7	40.1
229	23.3	17.3	25.9

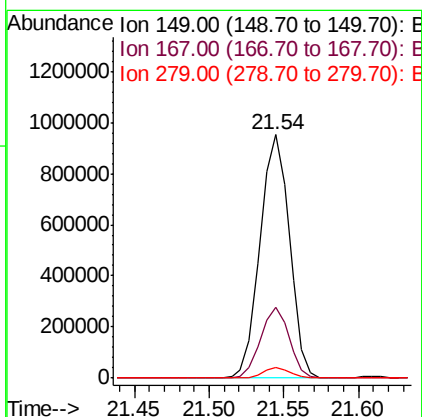
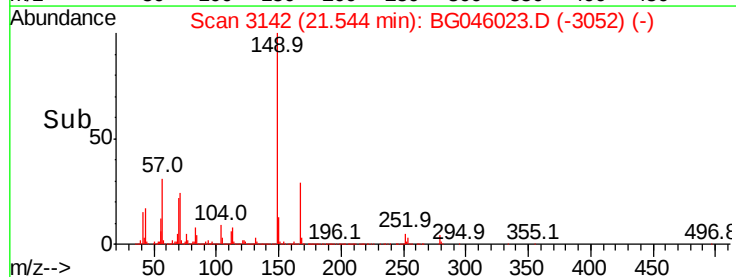
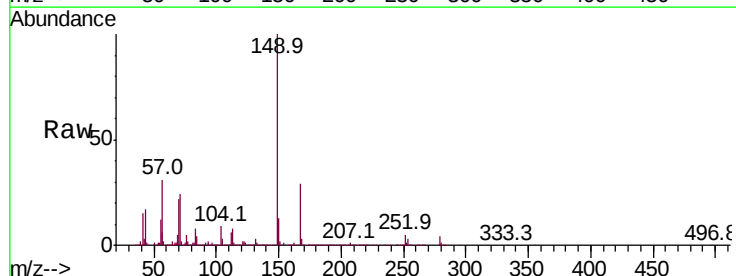
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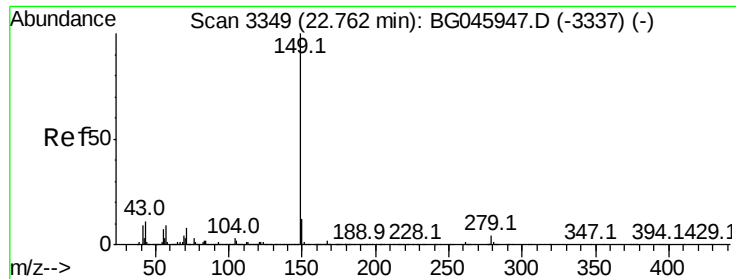
mohammad
 7/14/2020 12:01:32 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.600 ng
 RT: 21.54 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG046023.D
 Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.8	35.8
279	4.3	3.5	5.3





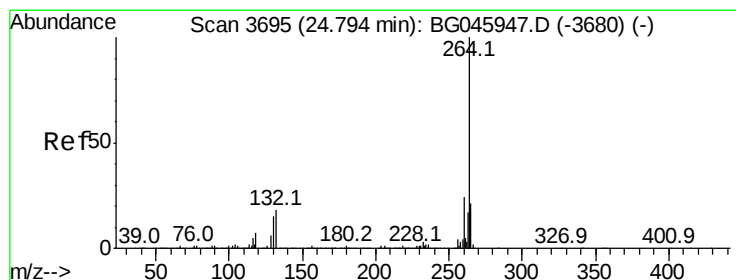
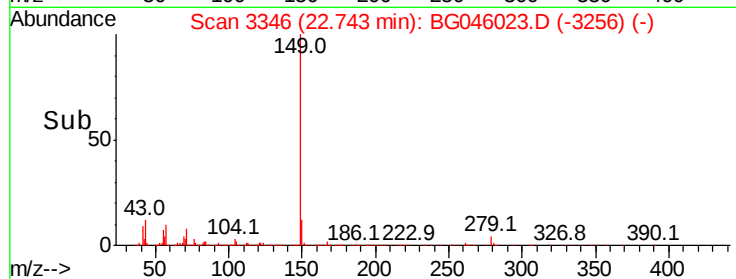
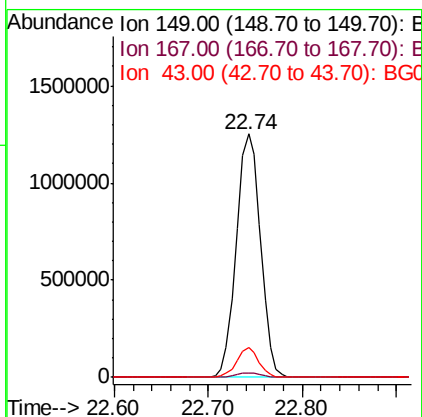
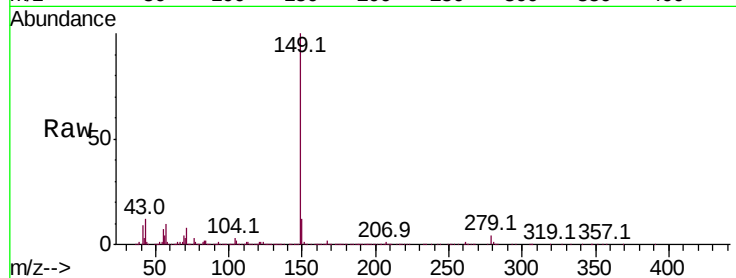
#85
Di-n-octyl phthalate
Concen: 42.313 ng
RT: 22.74 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.0	8.6	12.8

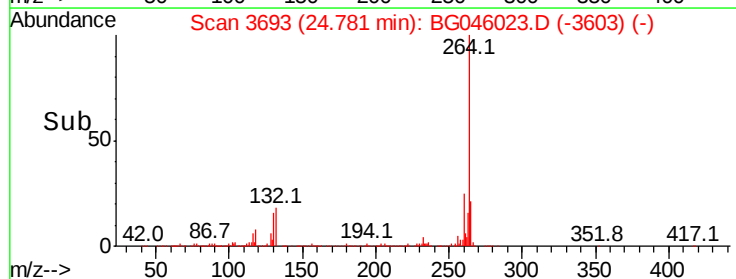
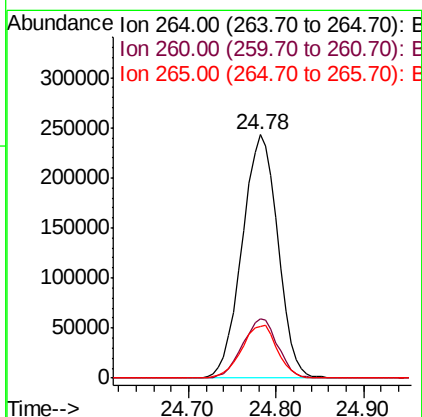
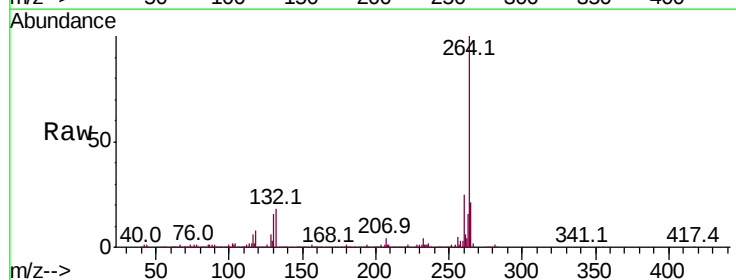
Manual Integrations
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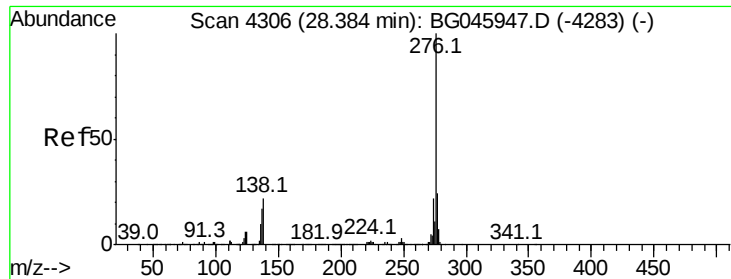
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	21.3	16.9	25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.155 ng

RT: 28.37 min Scan# 4304

Delta R.T. 0.01 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

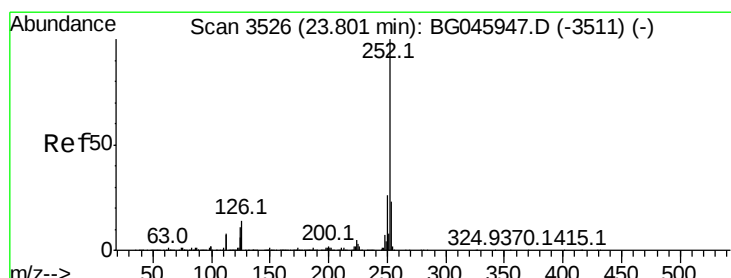
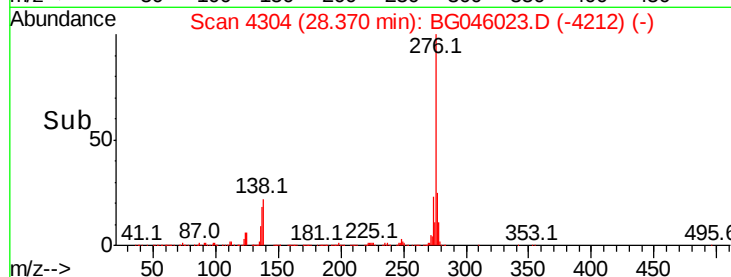
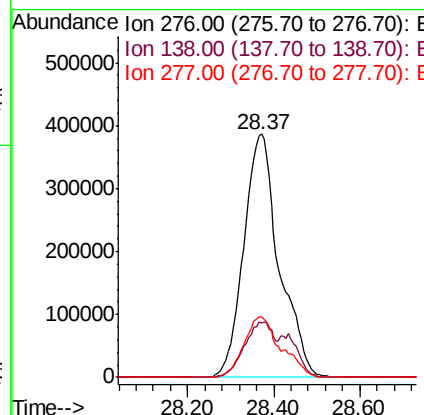
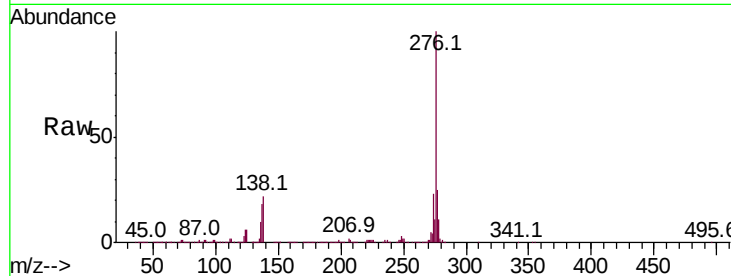
Instrument :
BNA_G

ClientSampled :
PB130129BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.4	24.6
277	26.0	20.6	31.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 45.026 ng

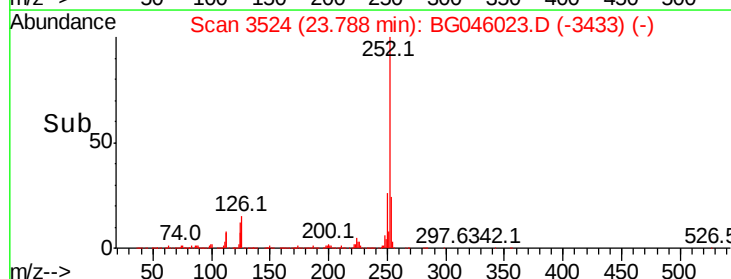
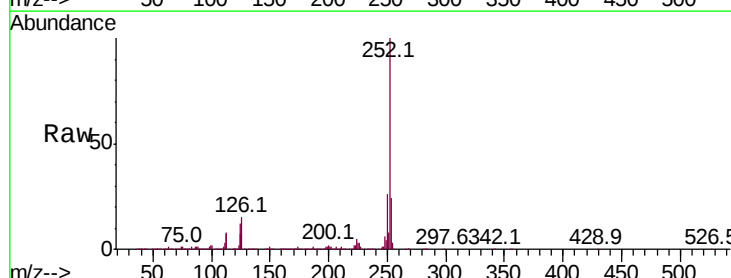
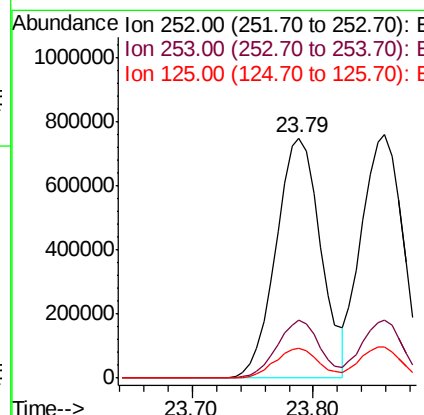
RT: 23.79 min Scan# 3524

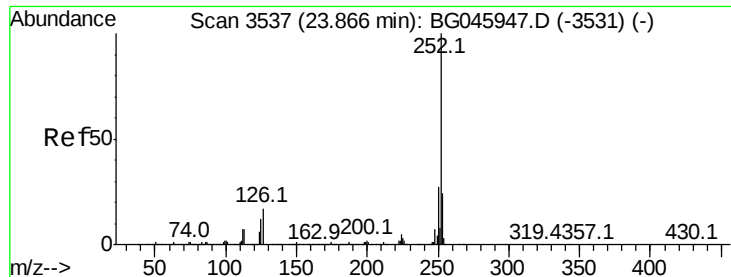
Delta R.T. 0.00 min

Lab File: BG046023.D

Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	12.5	9.2	13.8





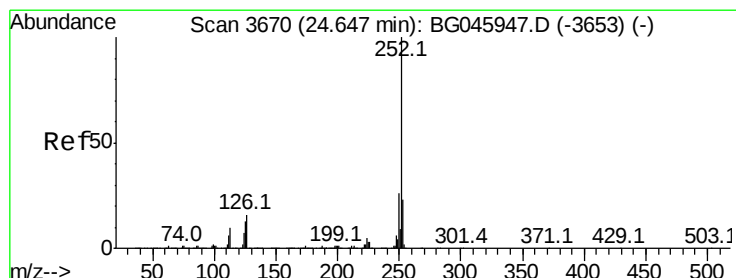
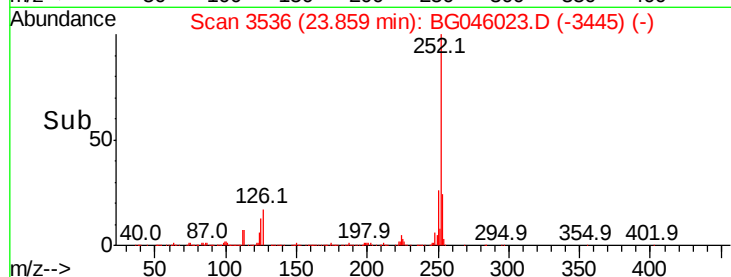
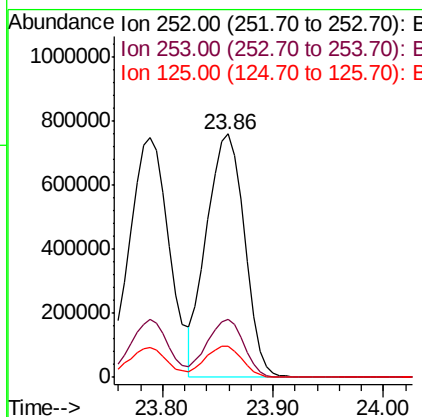
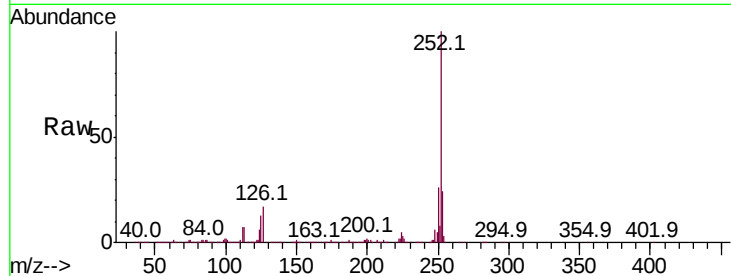
#89
Benzo(k)fluoranthene
Concen: 44.779 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	12.6	9.6	14.4

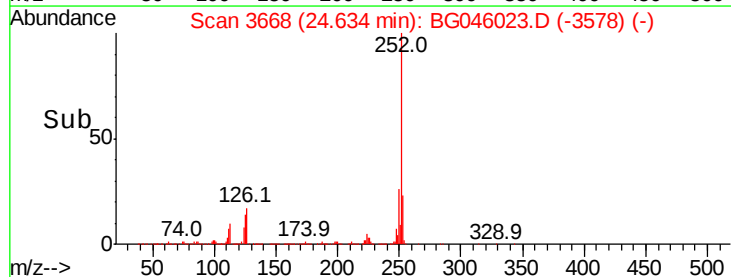
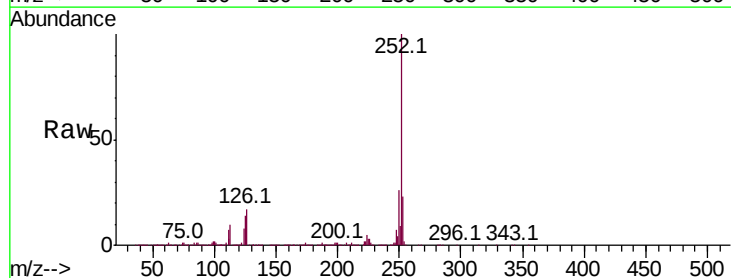
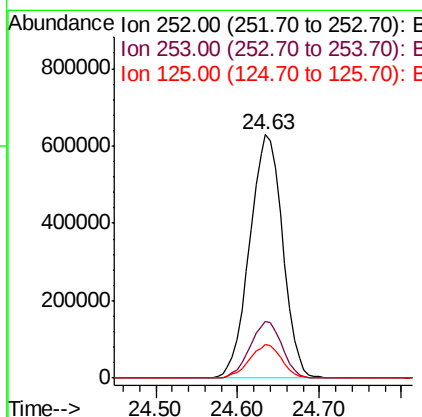
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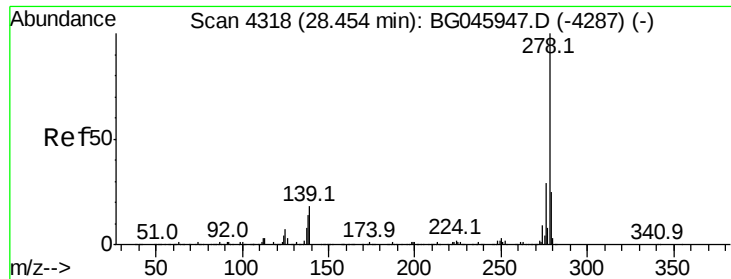
mohammad
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#90
Benzo(a)pyrene
Concen: 43.901 ng
RT: 24.63 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	13.8	10.5	15.7





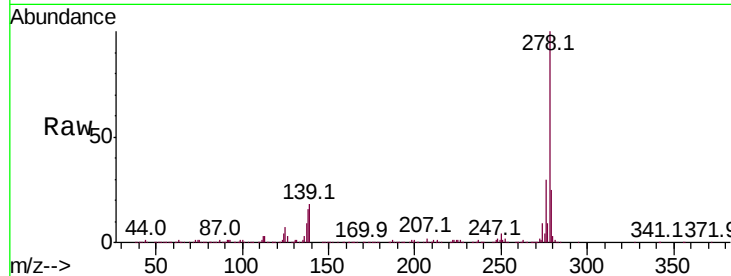
#91
Dibenzo(a,h)anthracene
Concen: 44.801 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130129BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.3	21.5
279	24.7	19.8	29.6

Manual Integrations
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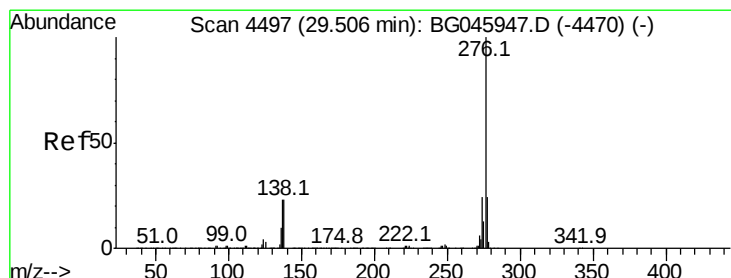
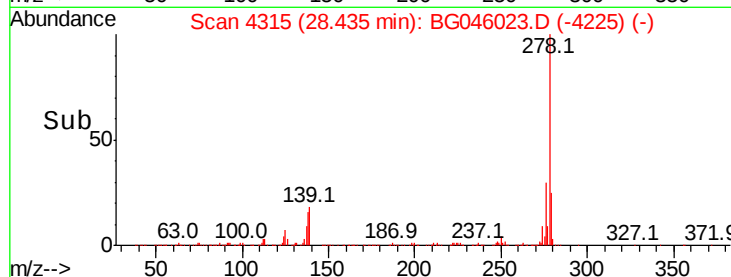
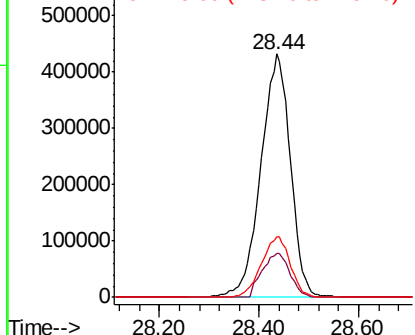


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.570 ng
RT: 29.48 min Scan# 4493
Delta R.T. 0.00 min
Lab File: BG046023.D
Acq: 13 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	24.5	18.6	28.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

