

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046138.D
 Acq On : 1 Aug 2020 00:53
 Operator : CG/JU
 Sample : PB130658BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:25 PM

Quant Time: Aug 01 03:04:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	86255	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	333560	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	211671	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	506684	20.00	ng	0.00
76) Chrysene-d12	21.57	240	593150	20.00	ng	0.00
86) Perylene-d12	24.67	264	638582	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	698920	140.86	ng	0.00
7) Phenol-d6	7.13	99	892825	132.03	ng	0.00
23) Nitrobenzene-d5	9.11	82	593025	96.26	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	455258	140.03	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1354397	92.95	ng	0.00
79) Terphenyl-d14	19.93	244	2233879	76.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	54936	24.325	ng	97
3) Pyridine	3.84	79	129043	20.756	ng	97
4) n-Nitrosodimethylamine	3.75	42	85342	32.253	ng	91
6) Aniline	7.28	93	232367	28.867	ng	99
8) 2-Chlorophenol	7.52	128	184357	33.616	ng	99
9) Benzaldehyde	7.09	77	132039	32.905	ng	91
10) Phenol	7.15	94	230944	33.990	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	173854	32.169	ng	98
12) 1,3-Dichlorobenzene	7.84	146	201091	30.251	ng	97
13) 1,4-Dichlorobenzene	7.99	146	200841	30.088	ng	100
14) 1,2-Dichlorobenzene	8.31	146	199417	31.677	ng	99
15) Benzyl Alcohol	8.19	79	160313	34.316	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	296993	33.519	ng	99
17) 2-Methylphenol	8.40	107	161930	35.302	ng	98
18) Hexachloroethane	9.04	117	71360	31.965	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	142557	32.392	ng	95
20) 3+4-Methylphenols	8.72	107	220939	35.191	ng	96
22) Acetophenone	8.77	105	268933	31.416	ng	# 99
24) Nitrobenzene	9.15	77	199297	30.342	ng	99
25) Isophorone	9.68	82	383652	31.296	ng	99
26) 2-Nitrophenol	9.86	139	98468	33.077	ng	99
27) 2,4-Dimethylphenol	9.92	122	174502	36.030	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	234306	35.151	ng	99
29) 2,4-Dichlorophenol	10.40	162	190779	33.486	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	201667	30.216	ng	96
31) Naphthalene	10.80	128	545702	30.919	ng	99
32) Benzoic acid	10.05	122	88871	29.476	ng	99
33) 4-Chloroaniline	10.90	127	187586	26.010	ng	98
34) Hexachlorobutadiene	11.10	225	129872	29.231	ng	100
35) Caprolactam	11.66	113	69624m	37.337	ng	
36) 4-Chloro-3-methylphenol	12.03	107	195424	34.953	ng	99
37) 2-Methylnaphthalene	12.41	142	429201	31.604	ng	99
38) 1-Methylnaphthalene	12.63	142	406868	31.660	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	235039	30.818	ng	# 99

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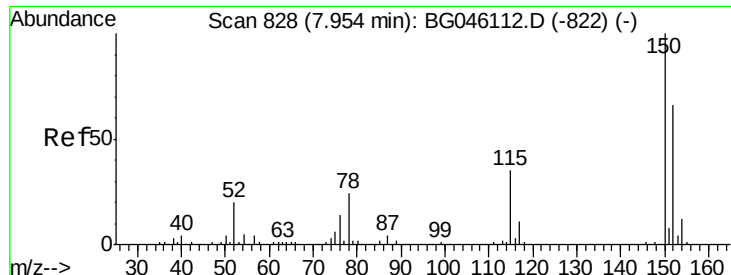
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Quant Time: Aug 01 03:04:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	329983	75.433	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	163297	33.561	nq	94
44) 2,4,5-Trichlorophenol	13.08	196	179999	33.905	nq	97
46) 1,1'-Biphenyl	13.41	154	545713	32.865	nq	97
47) 2-Chloronaphthalene	13.45	162	420622	31.757	nq	98
48) 2-Nitroaniline	13.65	65	128534	37.022	nq	96
49) Acenaphthylene	14.30	152	688528	33.477	nq	98
50) Dimethylphthalate	14.04	163	561251	34.547	nq	98
51) 2,6-Dinitrotoluene	14.15	165	125222	33.119	nq	96
52) Acenaphthene	14.65	154	469425	34.583	nq	99
53) 3-Nitroaniline	14.47	138	103891	27.716	nq	100
54) 2,4-Dinitrophenol	14.68	184	110177	48.998	nq	# 86
55) Dibenzofuran	14.98	168	665433	32.488	nq	99
56) 4-Nitrophenol	14.79	139	243122	74.706	nq	92
57) 2,4-Dinitrotoluene	14.93	165	178409	34.319	nq	98
58) Fluorene	15.63	166	550732	33.202	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	179387	35.873	nq	98
60) Diethylphthalate	15.40	149	560271	35.057	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	290783	33.565	nq	99
62) 4-Nitroaniline	15.64	138	139862	37.100	nq	97
63) Azobenzene	15.92	77	514004	34.318	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	101331	30.239	nq	98
66) n-Nitrosodiphenylamine	15.83	169	499932	32.596	nq	98
67) 4-Bromophenyl-phenylether	16.52	248	202719	32.385	nq	97
68) Hexachlorobenzene	16.63	284	227559	32.420	nq	99
69) Atrazine	16.78	200	184808	31.292	nq	98
70) Pentachlorophenol	16.97	266	313387	68.812	nq	99
71) Phenanthrene	17.36	178	926092	33.366	nq	98
72) Anthracene	17.46	178	949457	34.391	nq	99
73) Carbazole	17.72	167	916004	34.409	nq	100
74) Di-n-butylphthalate	18.30	149	1036629	37.254	nq	100
75) Fluoranthene	19.37	202	1233902	35.609	nq	98
77) Benzidine	19.55	184	750974	44.697	nq	99
78) Pyrene	19.73	202	1251629	31.405	nq	99
80) Butylbenzylphthalate	20.63	149	523905	36.289	nq	99
81) Benzo(a)anthracene	21.55	228	1297877	32.697	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	381315	23.133	nq	100
83) Chrysene	21.62	228	1257510	32.340	nq	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	752103	36.439	nq	98
85) Di-n-octyl phthalate	22.66	149	1279912	36.624	nq	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1650306	33.886	nq	99
88) Benzo(b)fluoranthene	23.70	252	1414690	33.059	nq	99
89) Benzo(k)fluoranthene	23.77	252	1365416	32.531	nq	98
90) Benzo(a)pyrene	24.53	252	1304478	32.760	nq	99
91) Dibenzo(a,h)anthracene	28.26	278	1342284	32.969	nq	99
92) Benzo(g,h,i)perylene	29.29	276	1386193	33.713	nq	99

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



#1

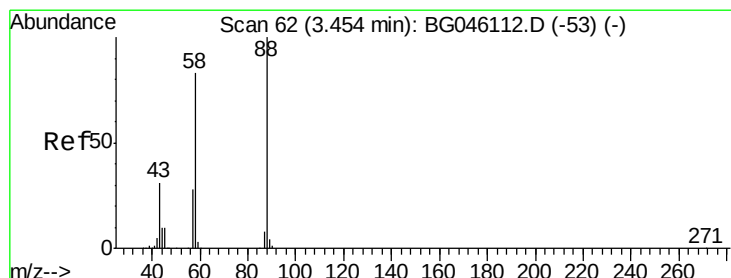
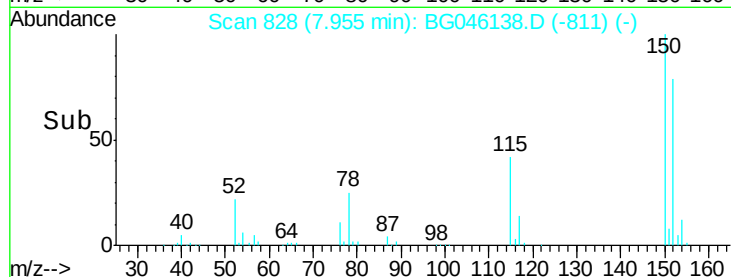
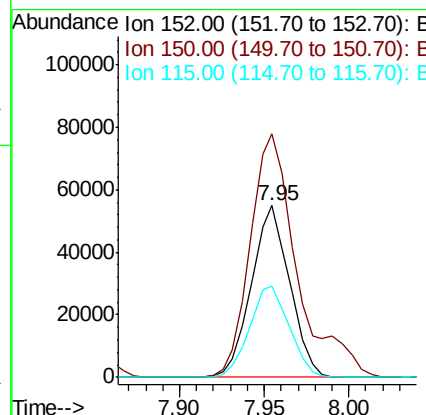
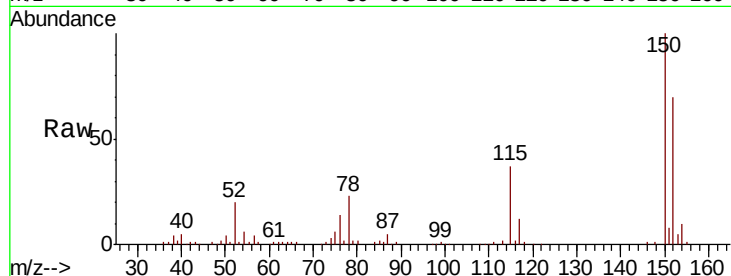
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampled :
PB130658BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	122.1	183.1
115	53.0	43.2	64.8

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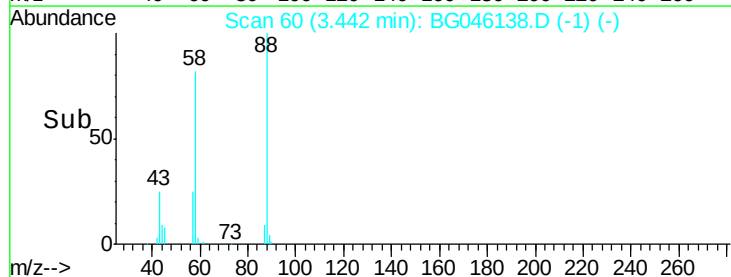
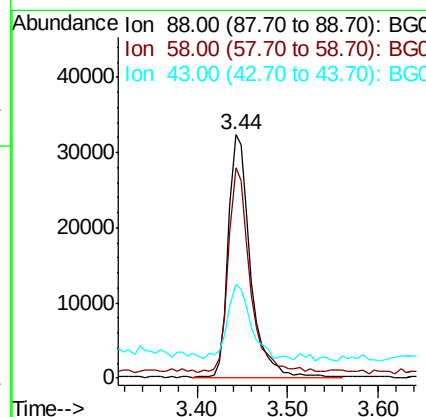
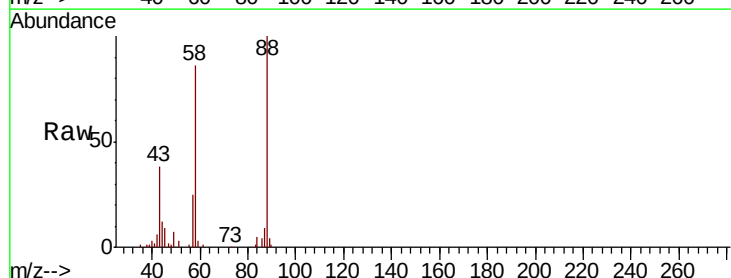
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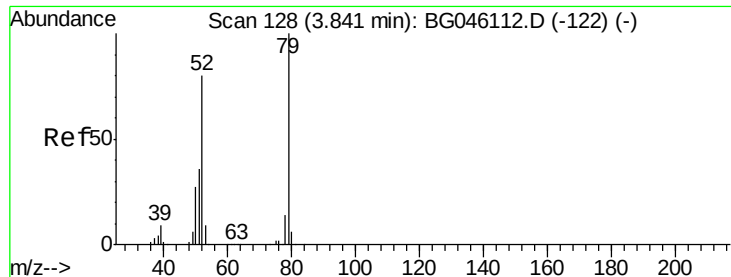


#2

1,4-Dioxane
Concen: 24.325 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	66.5	99.7
43	32.0	23.8	35.8





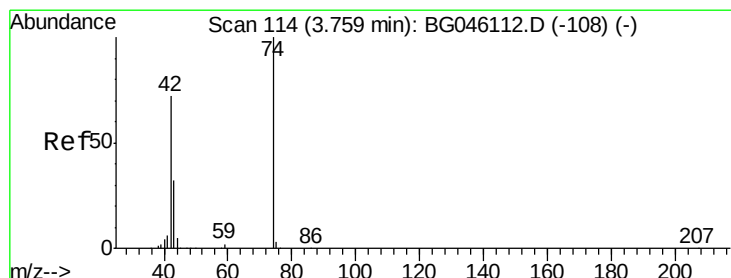
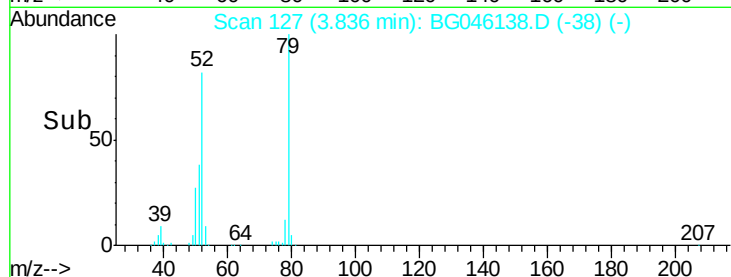
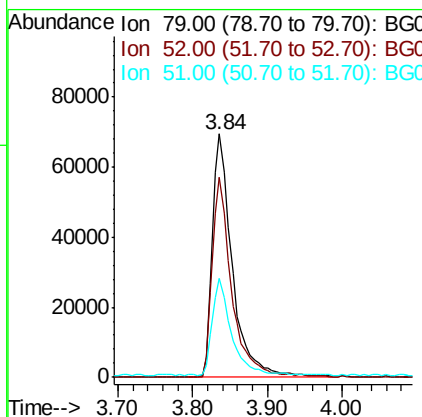
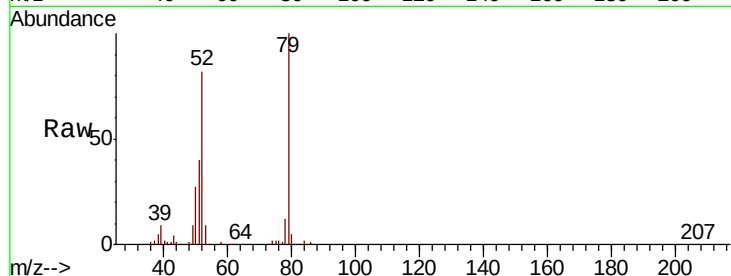
#3
 Pvridine
 Concen: 20.756 ng
 RT: 3.84 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	82.2	64.3	96.5	
51	40.4	29.8	44.6	

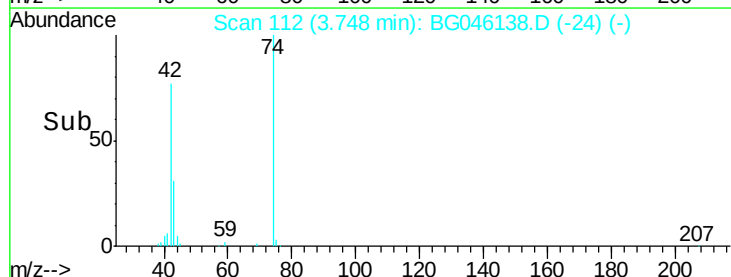
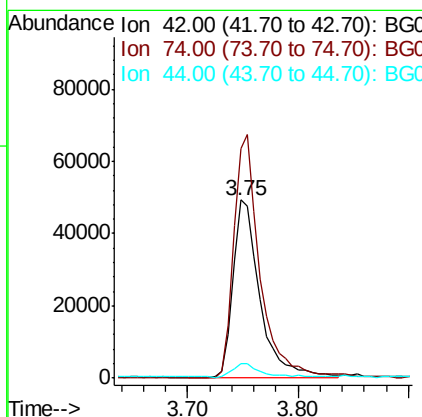
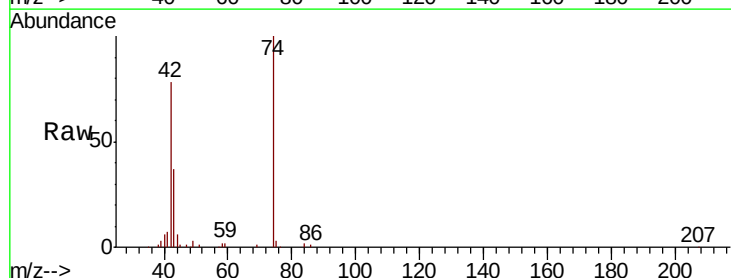
Manual Integrations
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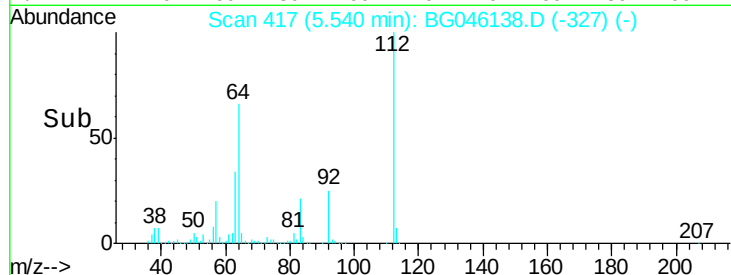
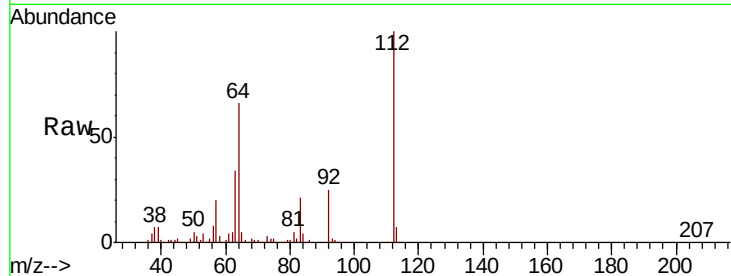
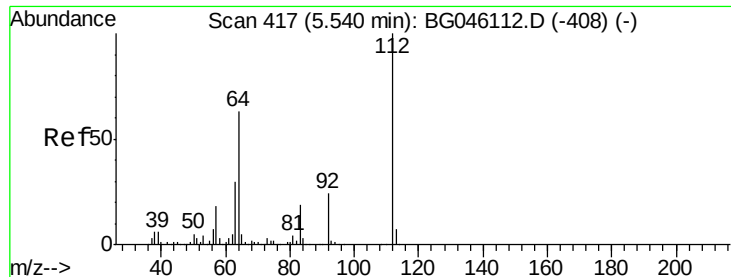
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#4
 n-Nitrosodimethylamine
 Concen: 32.253 ng
 RT: 3.75 min Scan# 112
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	128.5	111.6	167.4	
44	8.0	5.7	8.5	





#5

2-Fluorophenol

Concen: 140.859 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tot Ion:	112	Resp:	698920
Ion Ratio	Lower	Upper	
112	100		
64	66.5	50.2	75.2
63	33.5	24.2	36.4

Instrument :

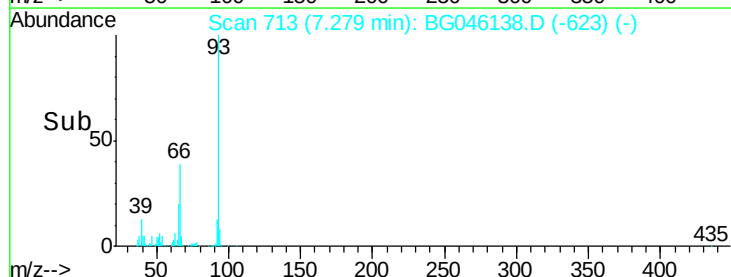
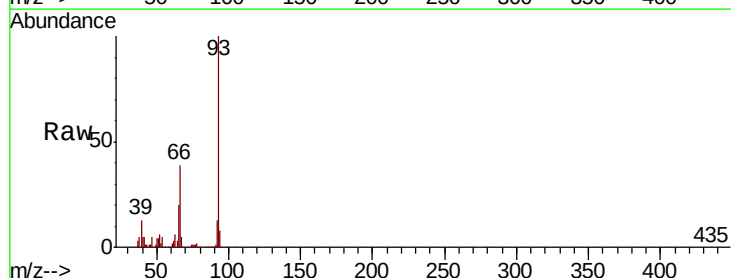
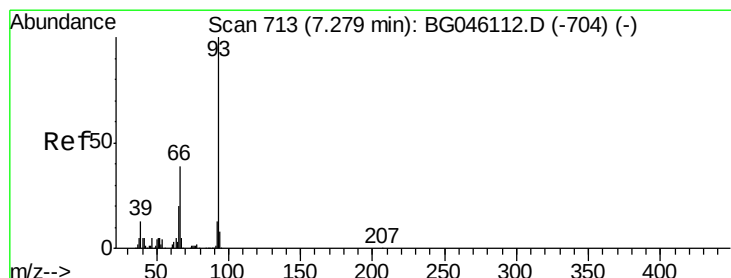
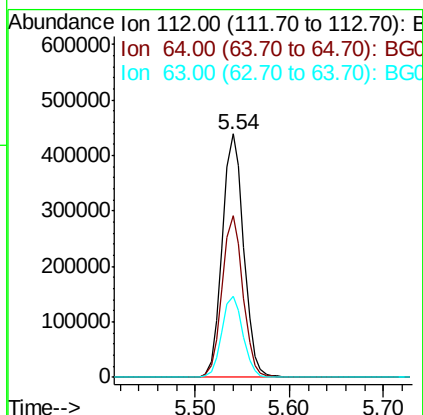
BNA_G

ClientSampleId :

PB130658BS

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#6

Aniline

Concen: 28.867 ng

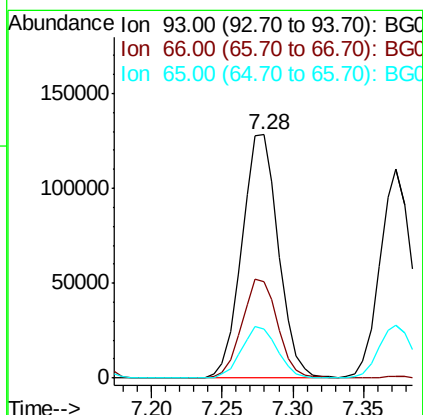
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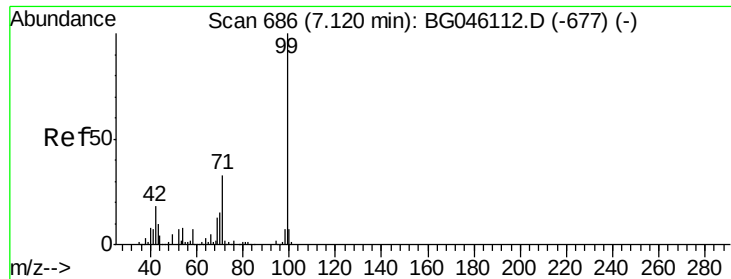
Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:	93	Resp:	232367
Ion Ratio	Lower	Upper	
93	100		
66	39.4	31.0	46.4
65	19.9	15.9	23.9





#7

Phenol-d6

Concen: 132.030 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

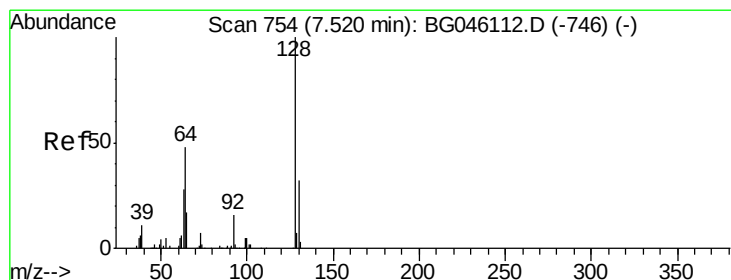
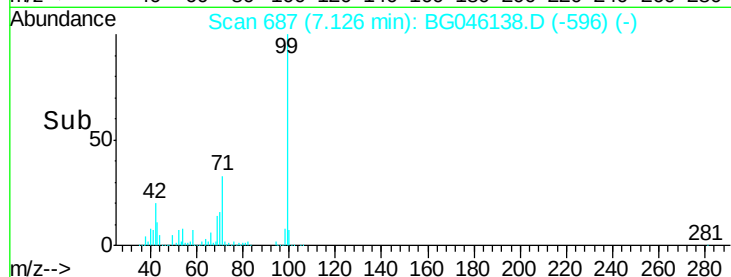
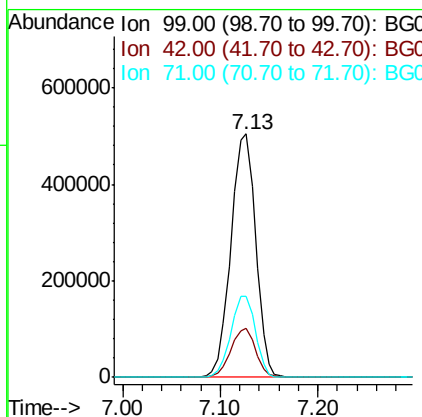
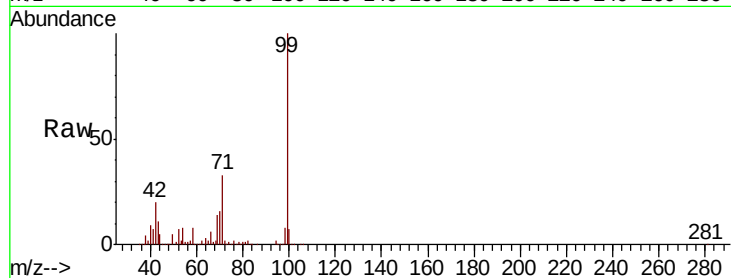
ClientSampleId :

PB130658BS

Tot Ion:	99	Resp:	892825
Ion Ratio	Lower	Upper	
99	100		
42	20.4	14.7	22.1
71	33.4	26.5	39.7

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#8

2-Chlorophenol

Concen: 33.616 ng

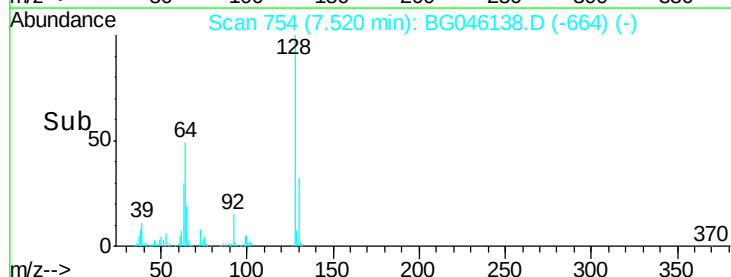
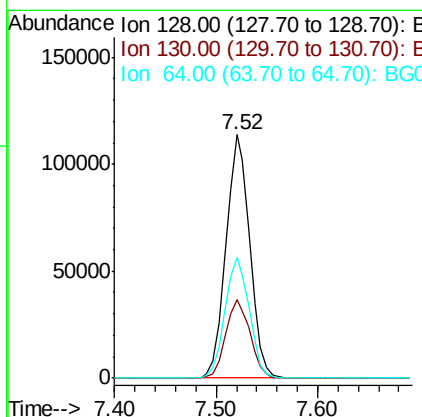
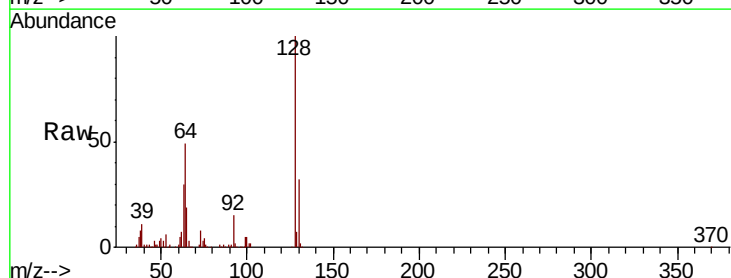
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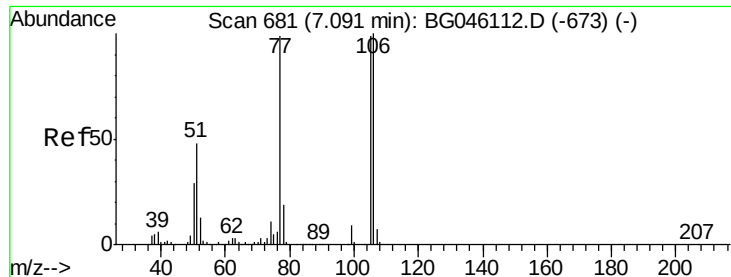
Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:	128	Resp:	184357
Ion Ratio	Lower	Upper	
128	100		
130	32.1	11.6	51.6
64	49.5	30.6	70.6





#9

Benzaldehyde

Concen: 32.905 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

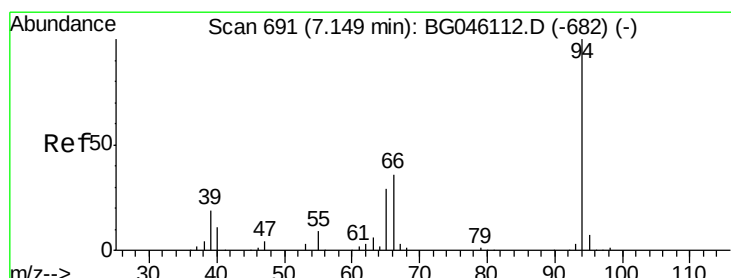
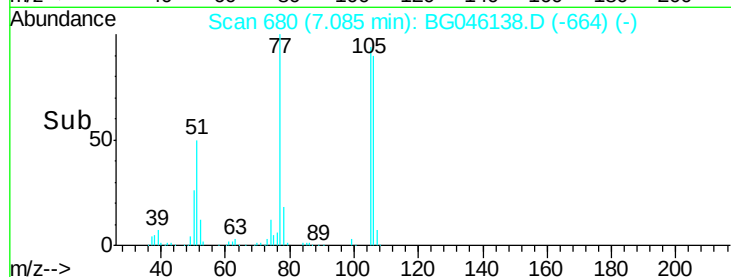
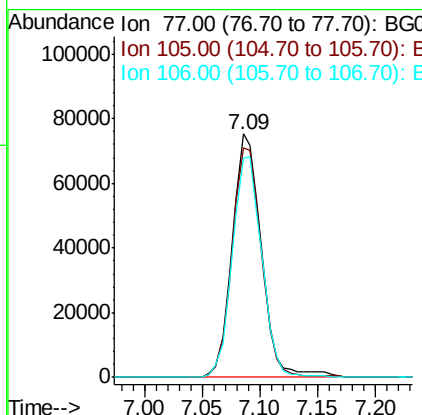
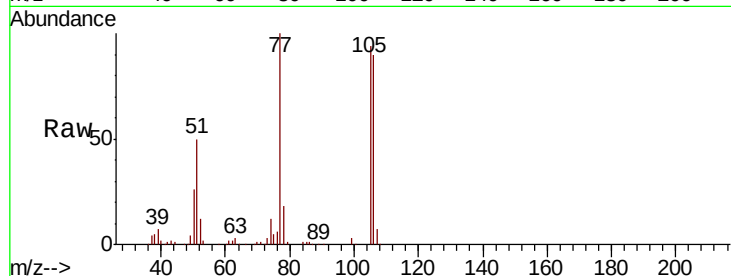
ClientSampleId :

PB130658BS

Tot Ion:	77	Resp:	132039
Ion	Ratio	Lower	Upper
77	100		
105	94.1	80.3	120.3
106	90.0	81.5	121.5

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#10

Phenol

Concen: 33.990 ng

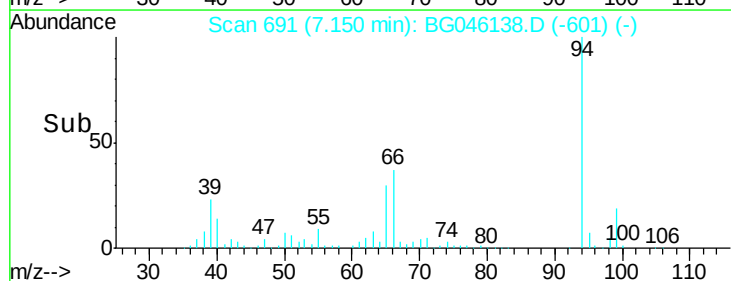
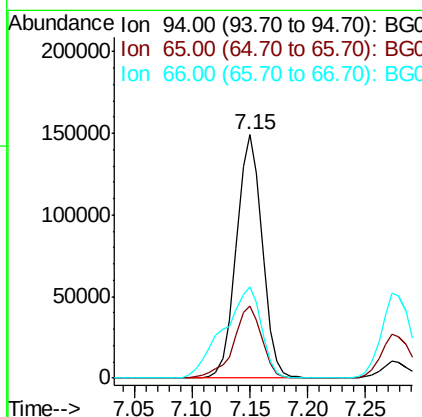
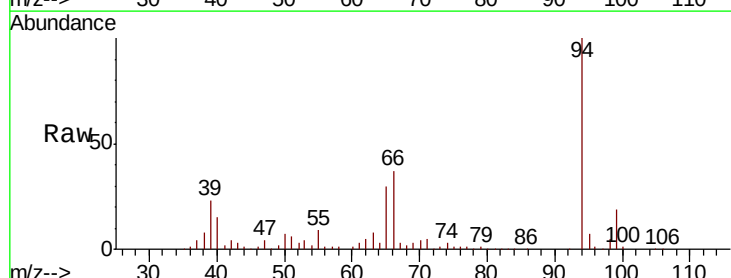
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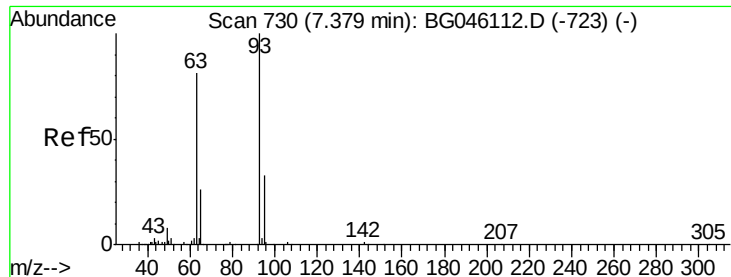
Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:	94	Resp:	230944
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.6	49.6
66	37.4	16.3	56.3





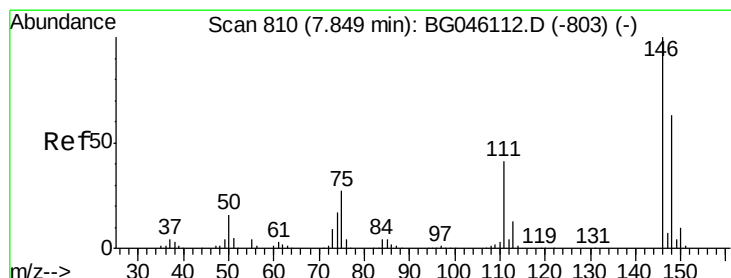
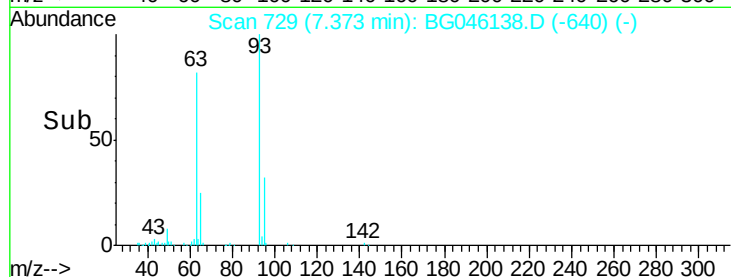
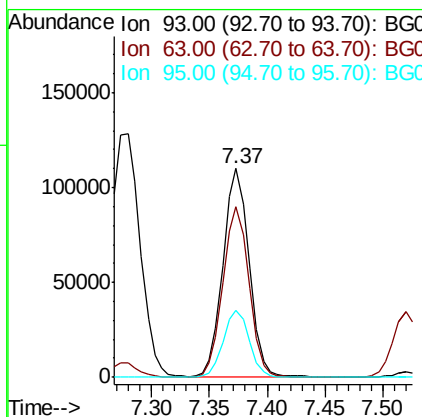
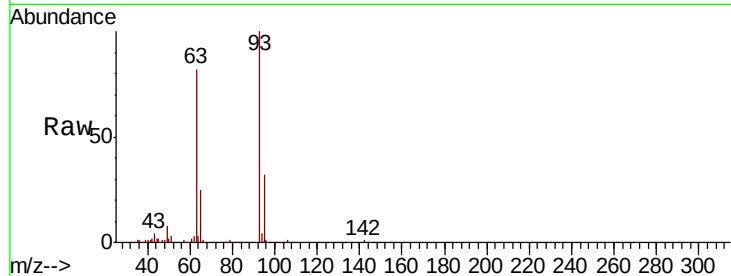
#11
bis(2-Chloroethyl)ether
Concen: 32.169 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	93	Resp	173854
Ion	Ratio	Lower	Upper
93	100		
63	81.8	60.0	100.0
95	32.4	12.6	52.6

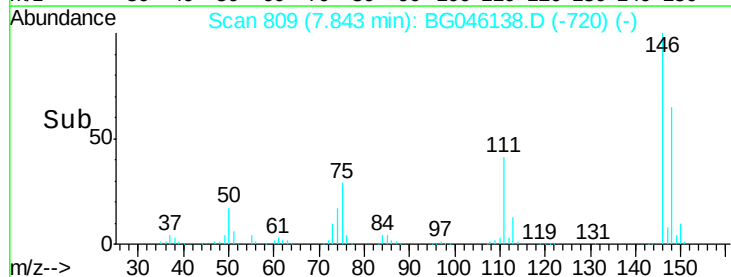
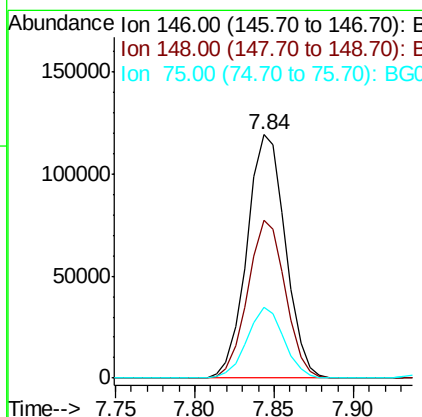
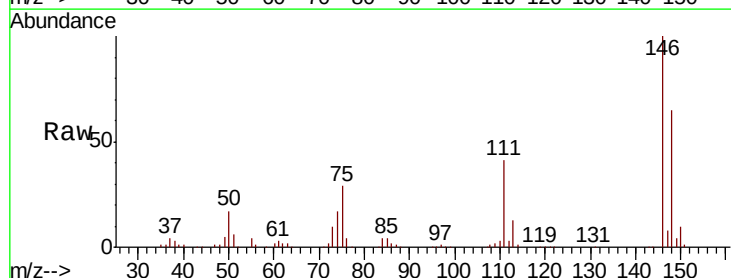
Manual Integrations
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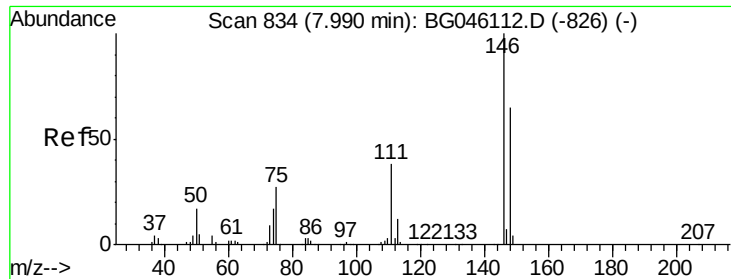
mohammad
8/3/2020 12:22:25 PM



#12
1,3-Dichlorobenzene
Concen: 30.251 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	146	Resp	201091
Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.5	75.7
75	28.9	21.6	32.4





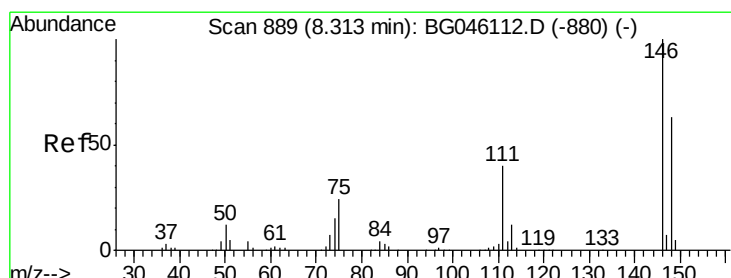
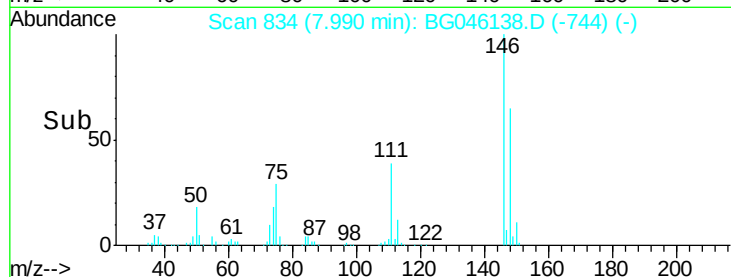
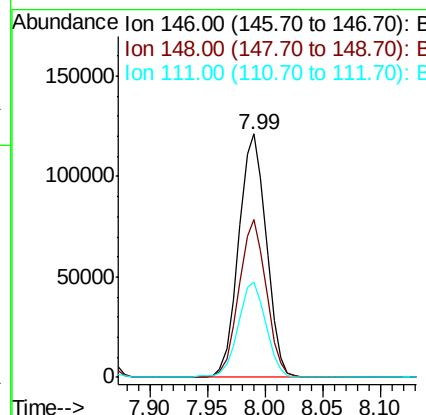
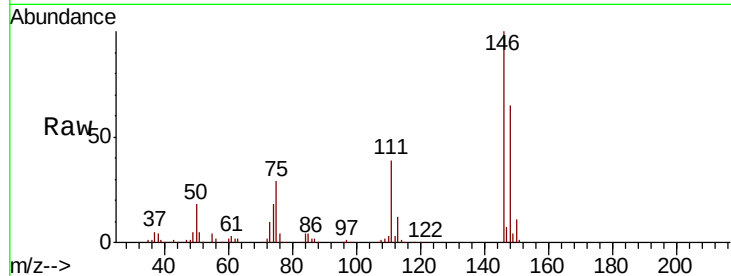
#13
 1,4-Dichlorobenzene
 Concen: 30.088 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	38.9	30.7	46.1

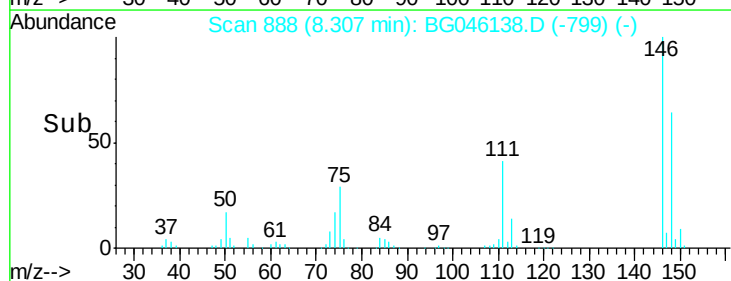
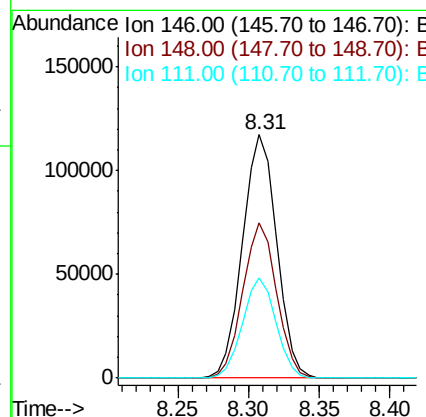
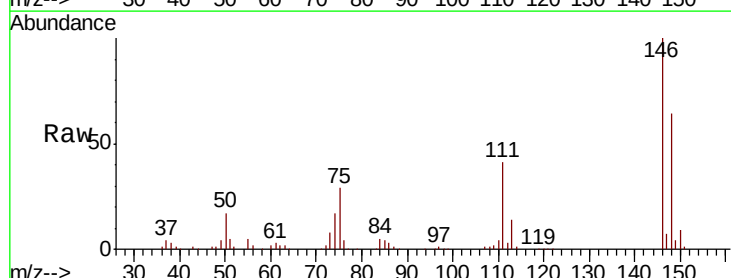
Manual Integrations
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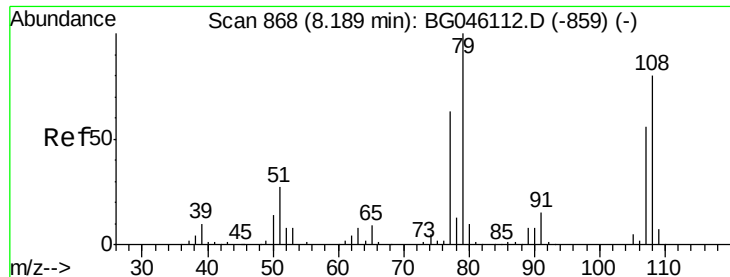
mohammad
 8/3/2020 12:22:25 PM



#14
 1,2-Dichlorobenzene
 Concen: 31.677 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	41.4	32.4	48.6





#15

Benzyl Alcohol

Concen: 34.316 ng

RT: 8.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

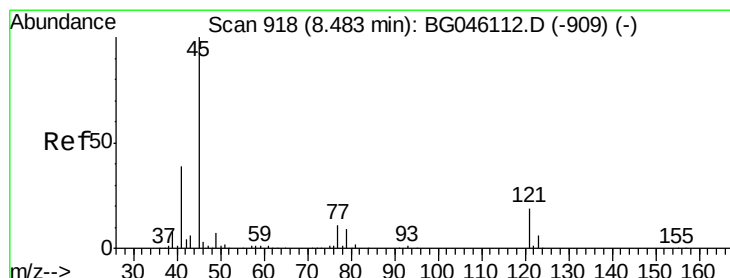
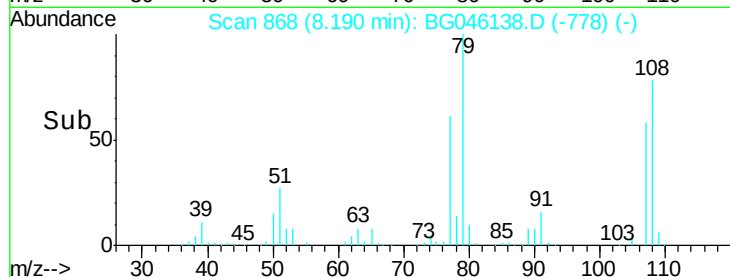
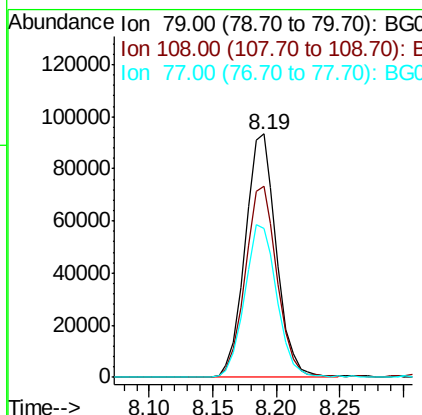
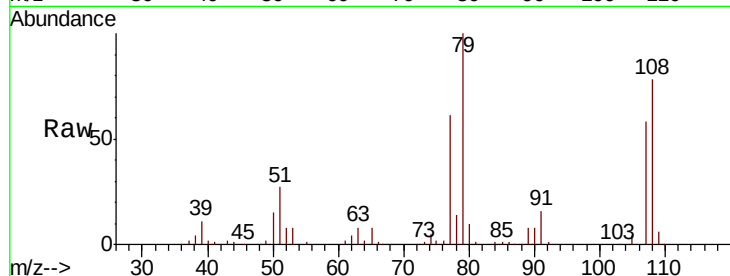
ClientSampleId :

PB130658BS

Tot Ion:	79	Resp:	160313
Ion Ratio	Lower	Upper	
79	100		
108	78.4	64.1	96.1
77	61.1	50.2	75.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.519 ng

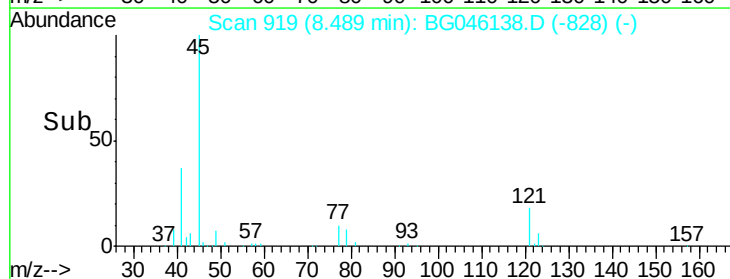
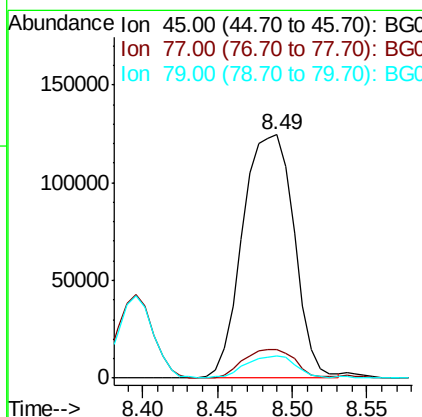
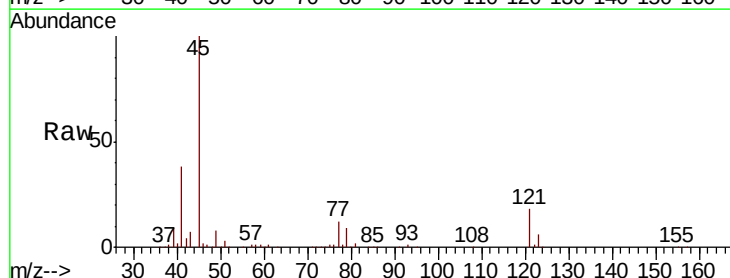
RT: 8.49 min Scan# 919

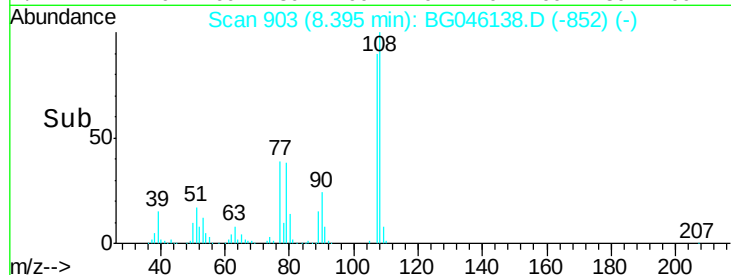
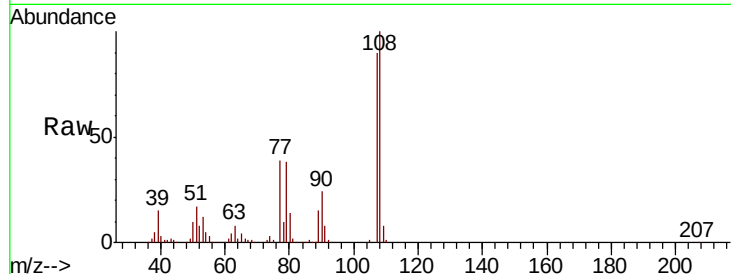
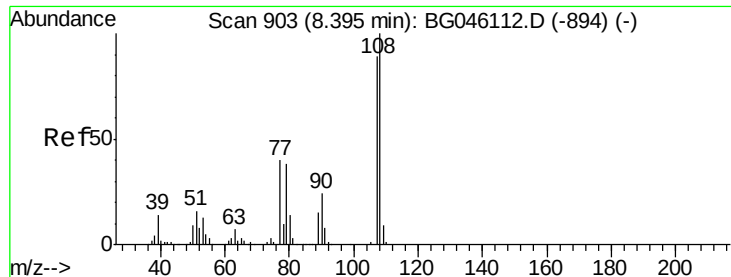
Delta R.T. 0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:	45	Resp:	296993
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	31.9
79	9.0	0.0	29.5





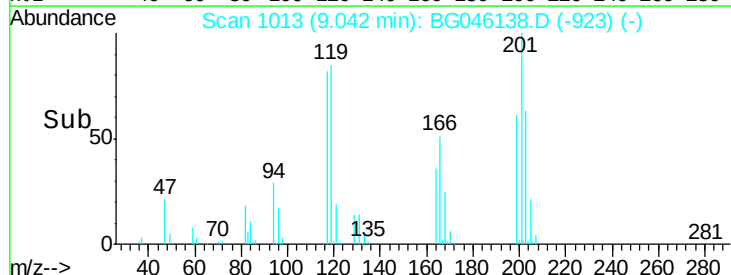
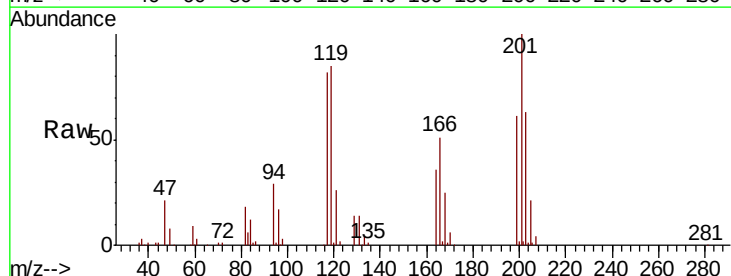
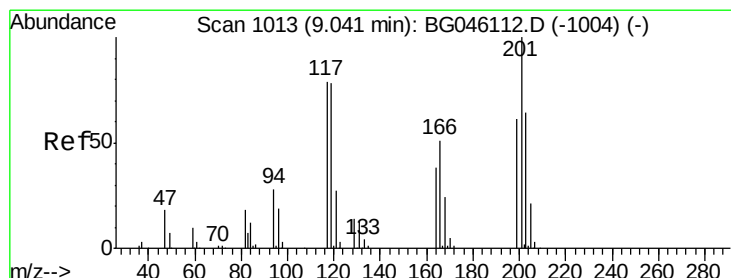
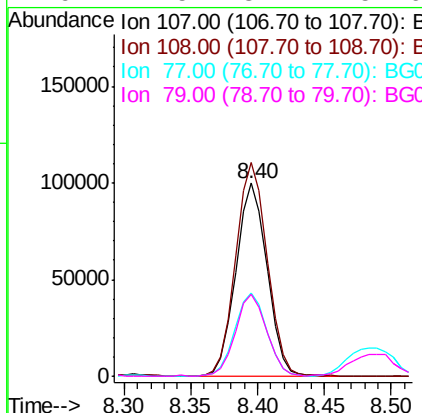
#17
2-Methylphenol
Concen: 35.302 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	90.0	135.0	
77	43.1	35.6	53.4	
79	42.5	34.4	51.6	

Instrument :
BNA_G
ClientSampleId :
PB130658BS

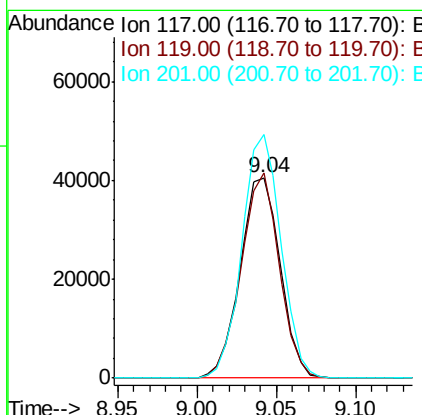
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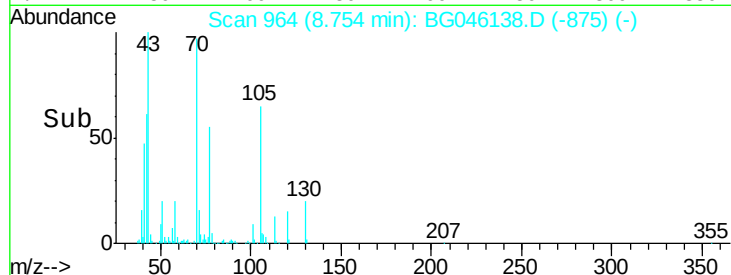
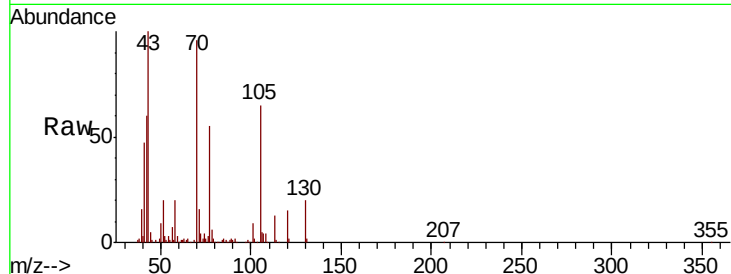
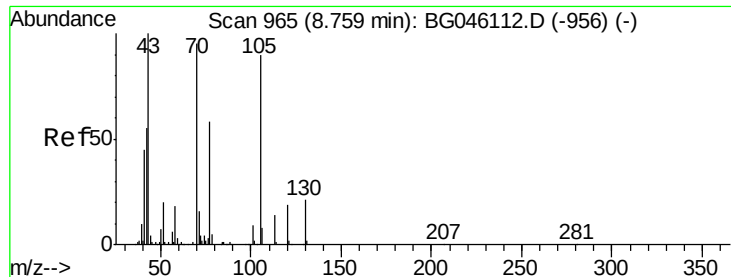
mohammad
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#18
Hexachloroethane
Concen: 31.965 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.6	78.5	117.7	
201	121.4	101.0	151.4	





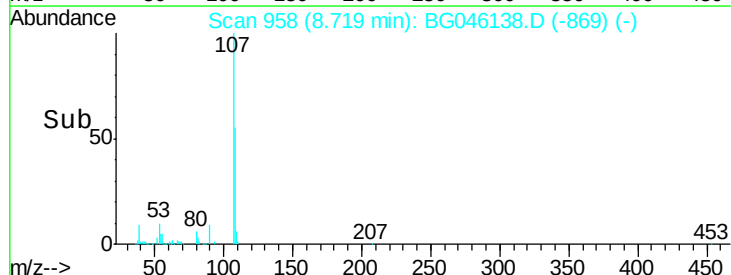
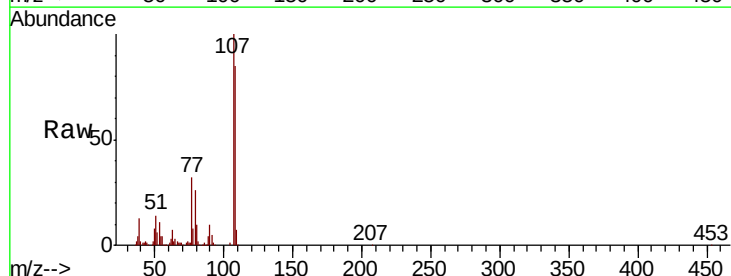
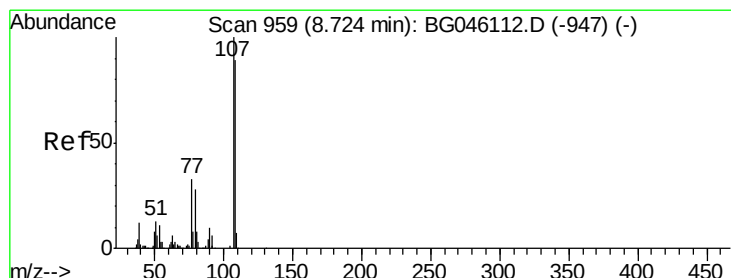
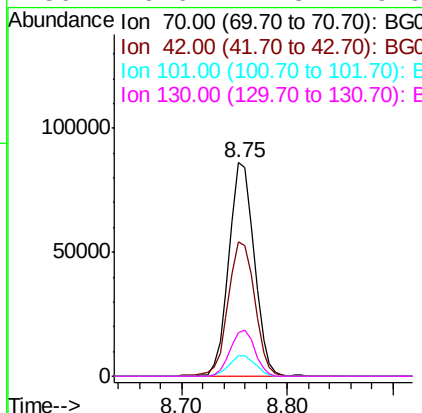
#19
n-Nitroso-di-n-propylamine
Concen: 32.392 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	46.5	69.7
101	9.7	7.6	11.4
130	20.6	17.3	25.9

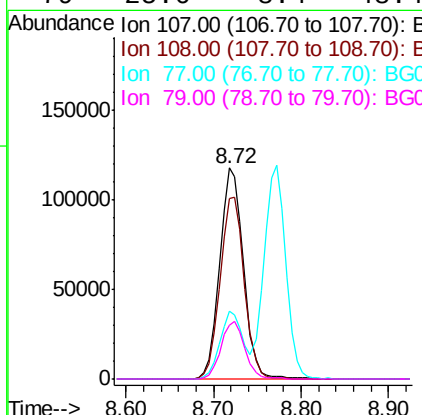
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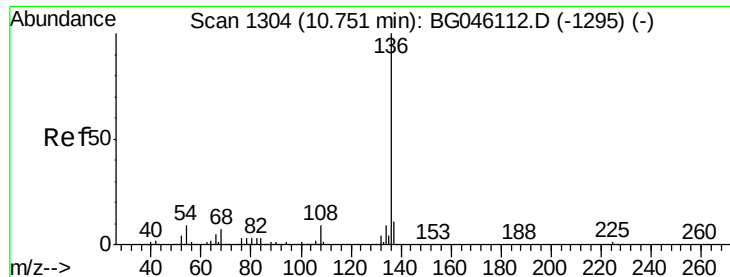
mohammad
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#20
3+4-Methylphenols
Concen: 35.191 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	69.1	109.1
77	32.0	12.5	52.5
79	25.6	8.4	48.4





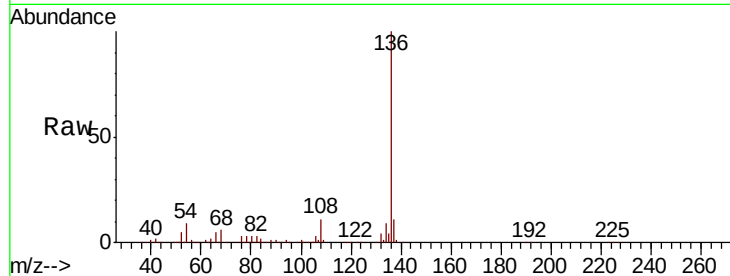
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	333560		
137	10.9		8.8	13.2
54	9.3		7.0	10.4
68	6.4		5.3	7.9

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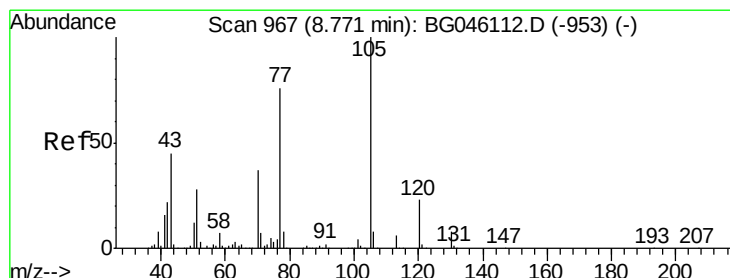
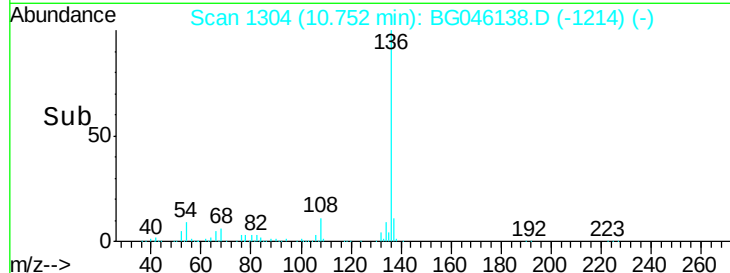
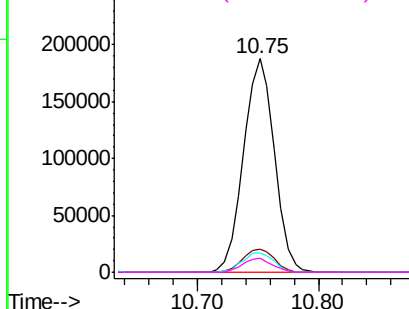
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 31.416 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268933		
71	3.9		5.3	7.9#
51	28.1		22.7	34.1
120	23.3		18.7	28.1

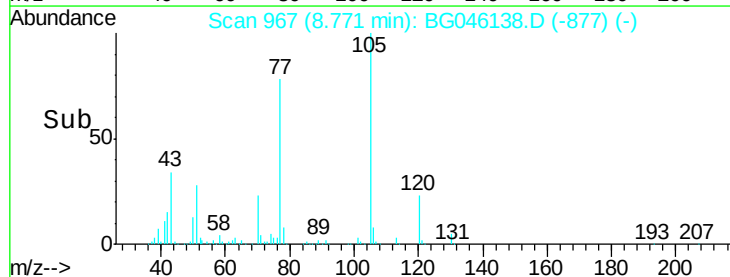
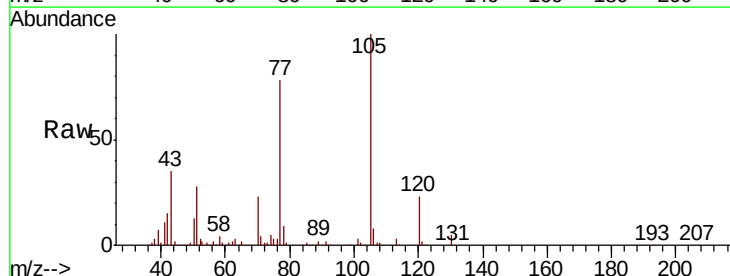
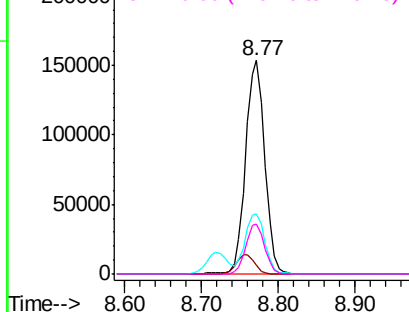
Abundance

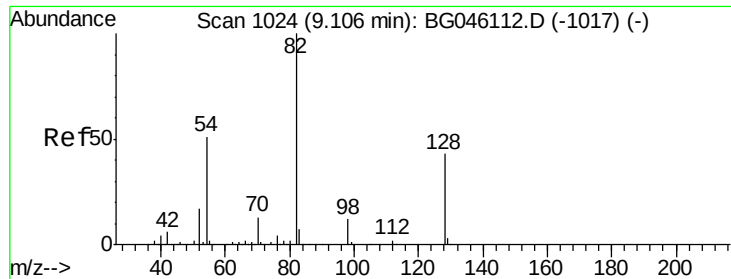
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





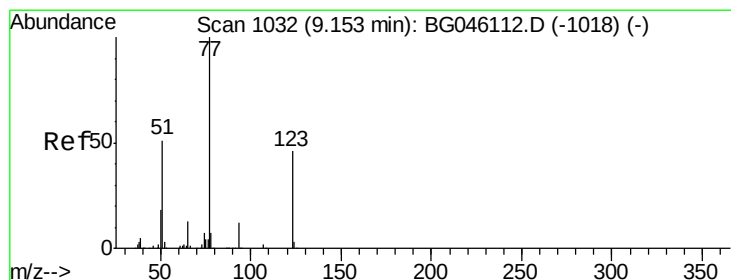
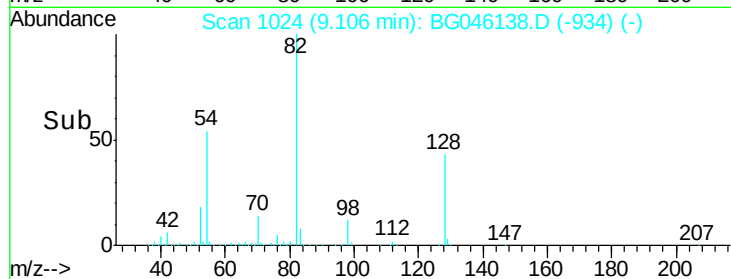
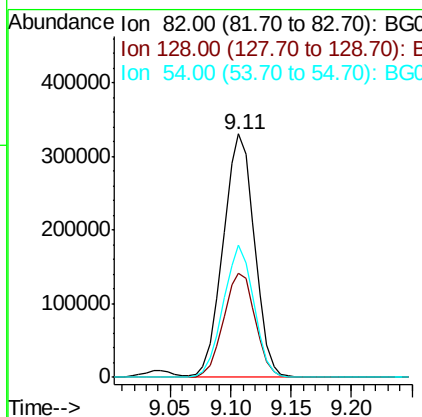
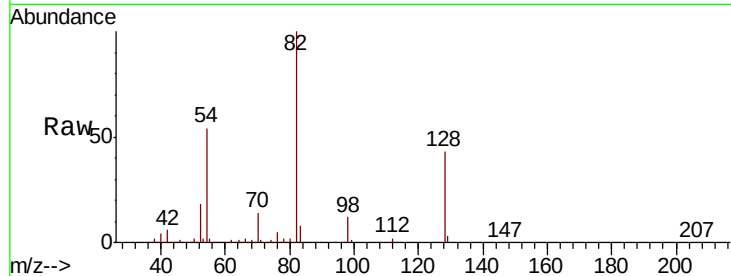
#23
 Nitrobenzene-d5
 Concen: 96.259 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	593025		
128	42.9		34.4	51.6
54	54.4		40.8	61.2

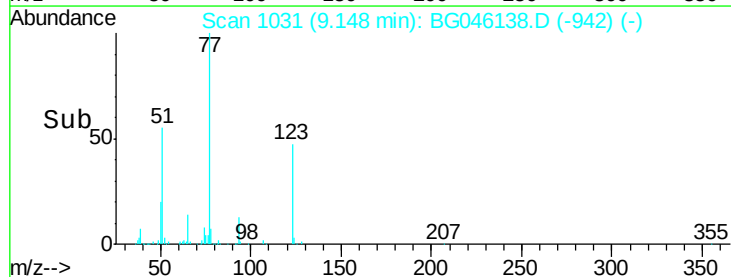
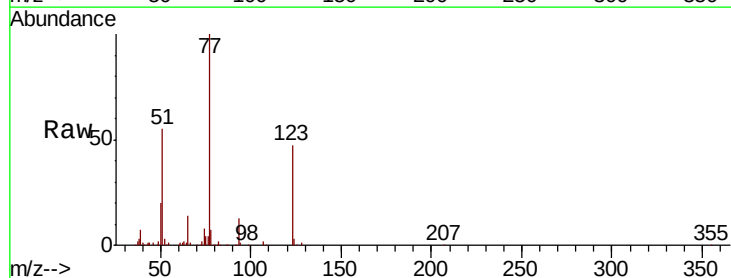
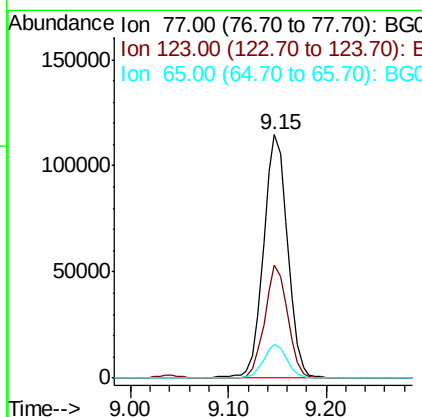
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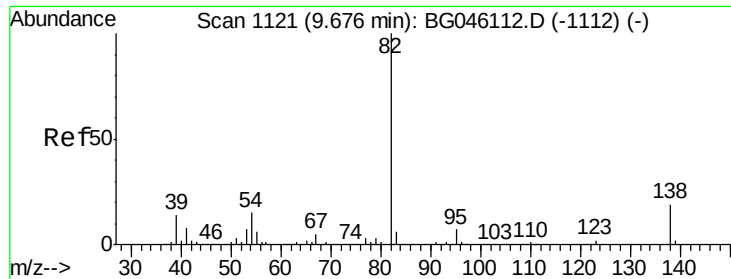
mohammad
 8/3/2020 12:22:25 PM



#24
 Nitrobenzene
 Concen: 30.342 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	199297		
123	46.6		36.8	55.2
65	13.6		10.2	15.2





#25

Isophorone

Concen: 31.296 ng

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

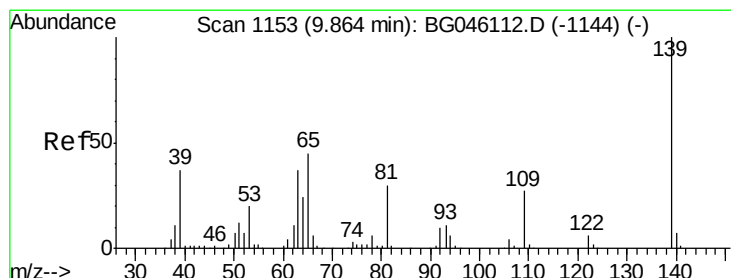
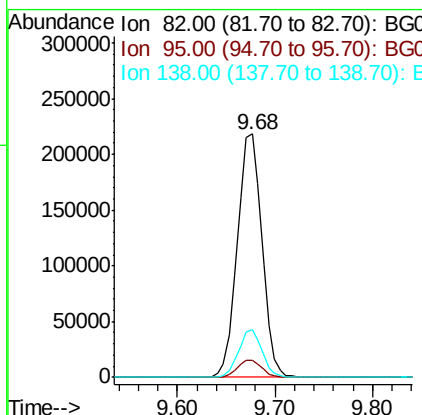
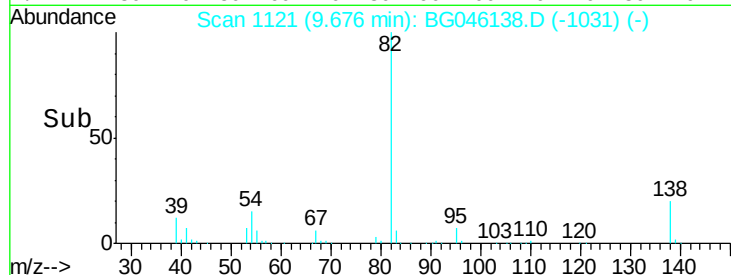
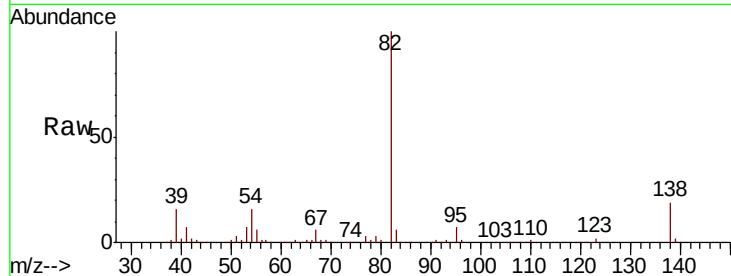
ClientSampleId :

PB130658BS

Tot Ion:	82	Resp:	383652
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.5	8.3
138	19.4	15.3	22.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.077 ng

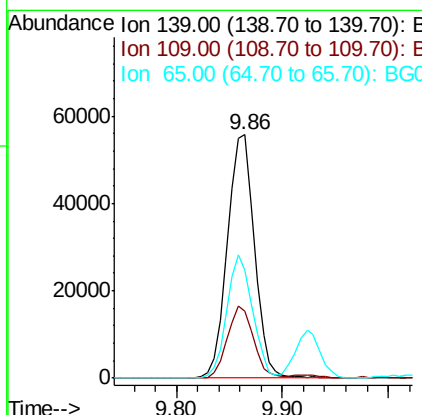
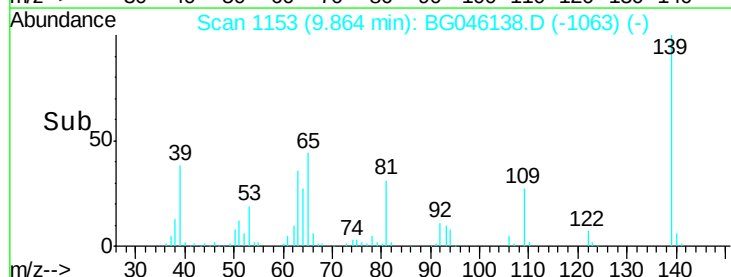
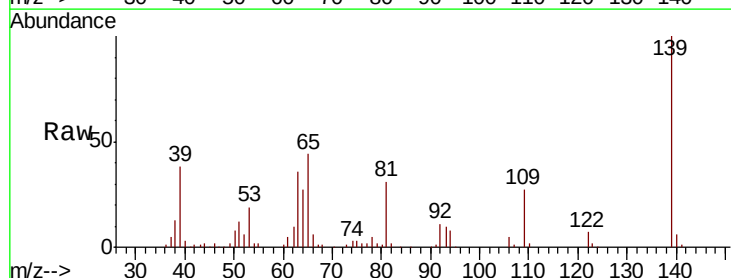
RT: 9.86 min Scan# 1153

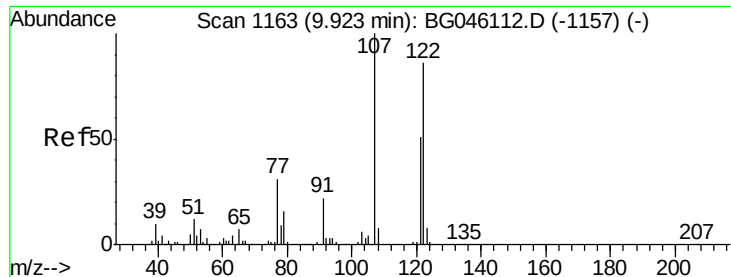
Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:	139	Resp:	98468
Ion Ratio	Lower	Upper	
139	100		
109	27.3	21.8	32.8
65	44.2	36.2	54.2





#27

2,4-Dimethylphenol

Concen: 36.030 ng

RT: 9.92 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

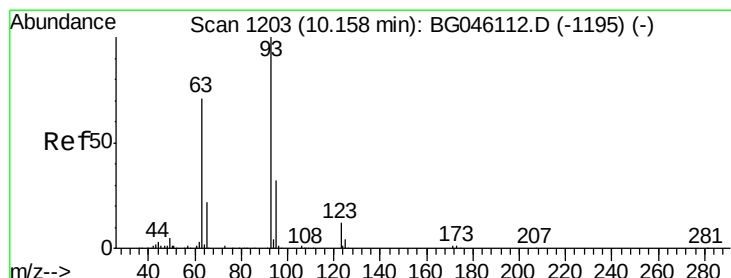
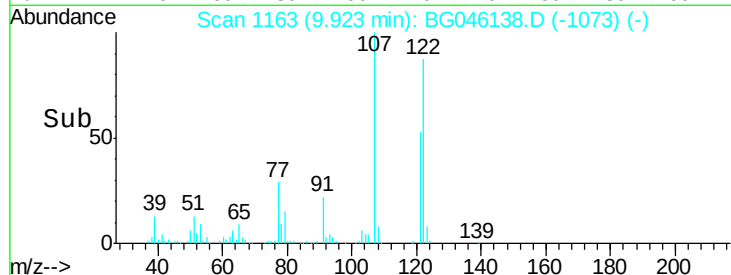
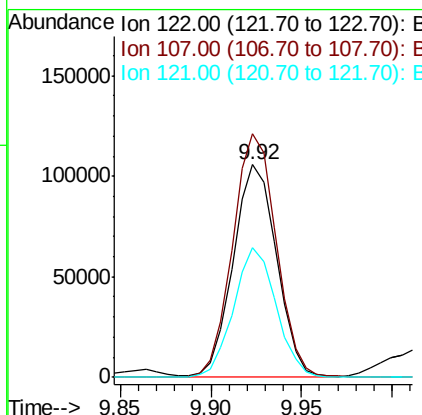
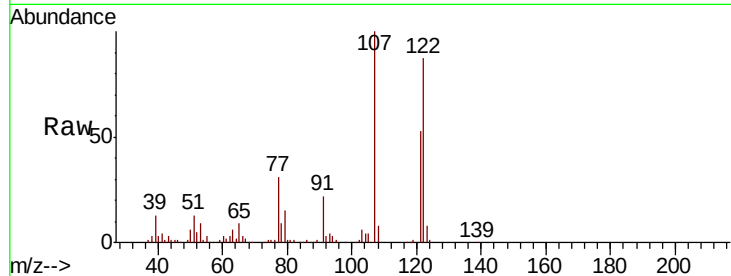
ClientSampleId :

PB130658BS

Tot Ion:	122	Resp:	174502
Ion Ratio	Lower	Upper	
122	100		
107	114.6	92.4	138.6
121	61.2	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 35.151 ng

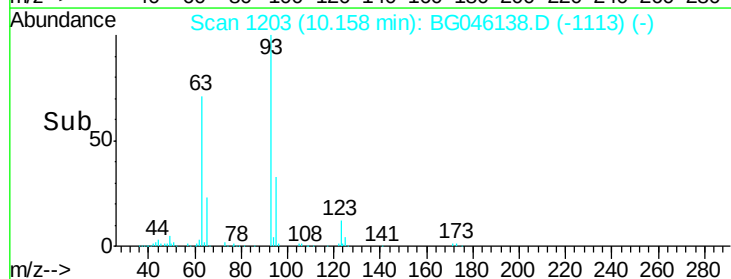
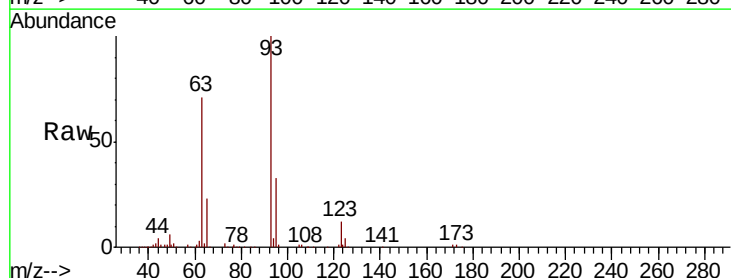
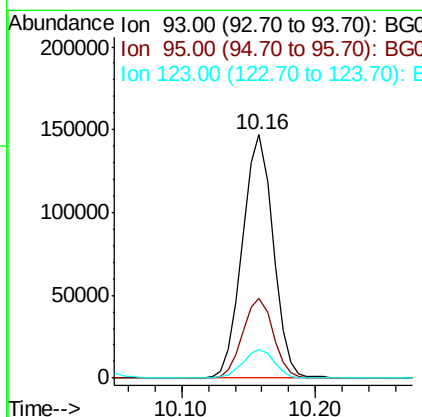
RT: 10.16 min Scan# 1203

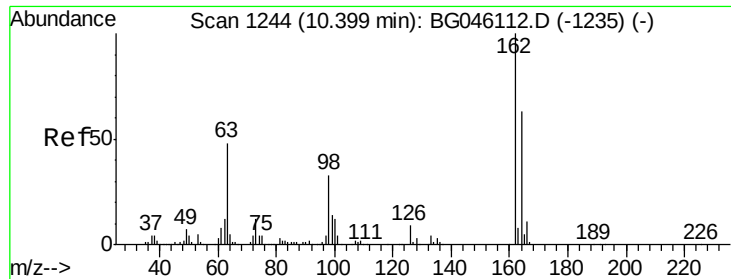
Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:	93	Resp:	234306
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	11.5	9.7	14.5





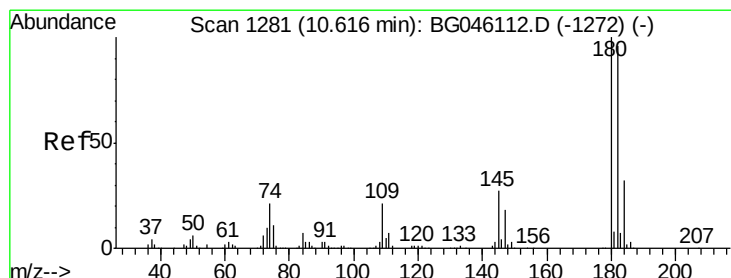
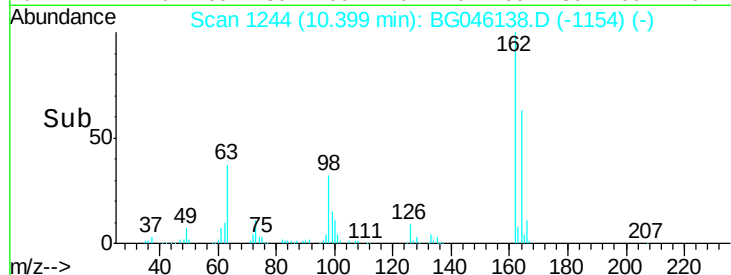
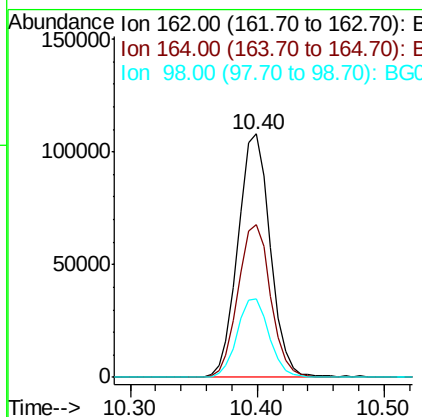
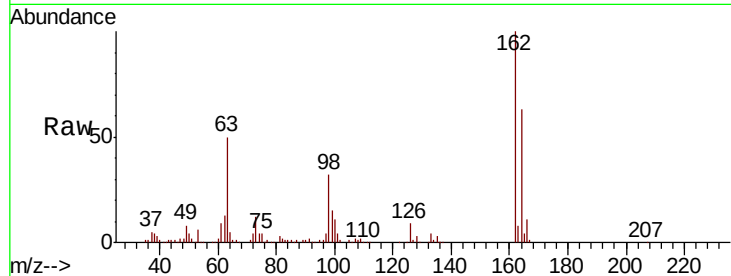
#29
 2,4-Dichlorophenol
 Concen: 33.486 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampled :
 PB130658BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	190779		
164	62.7	43.3	83.3	
98	32.1	13.1	53.1	

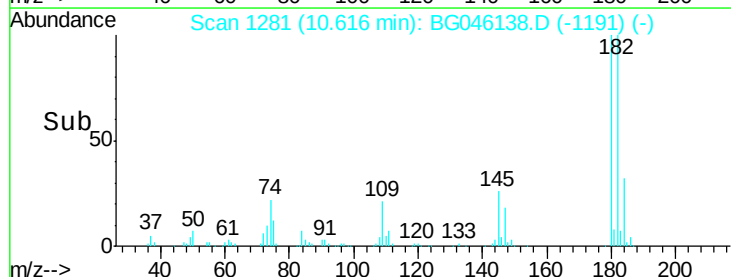
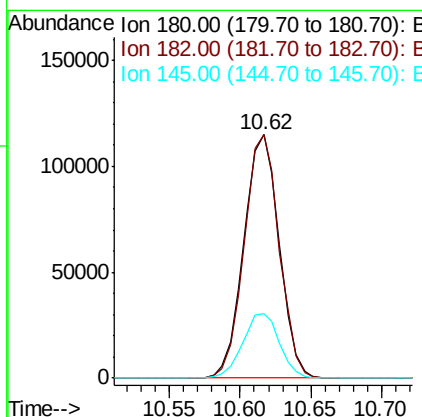
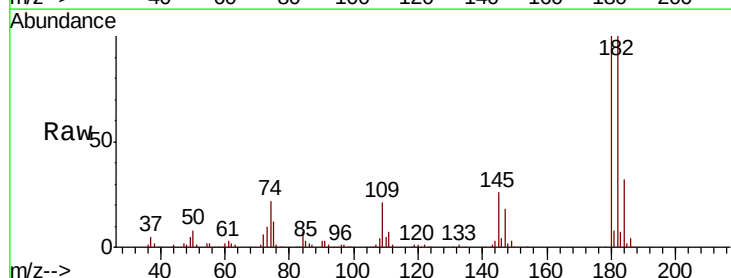
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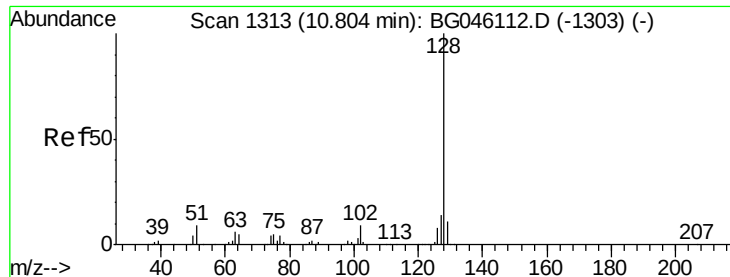
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.216 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	201667		
182	100.0	76.7	115.1	
145	26.3	21.8	32.8	





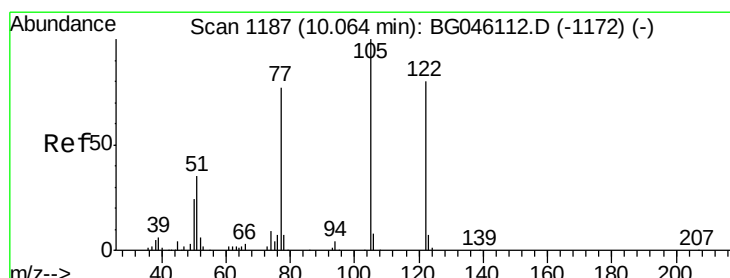
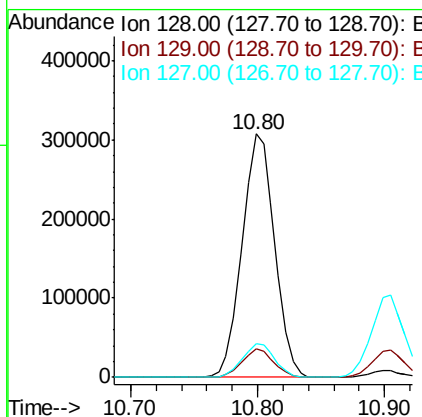
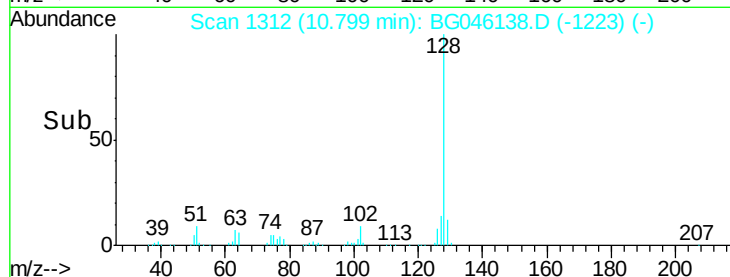
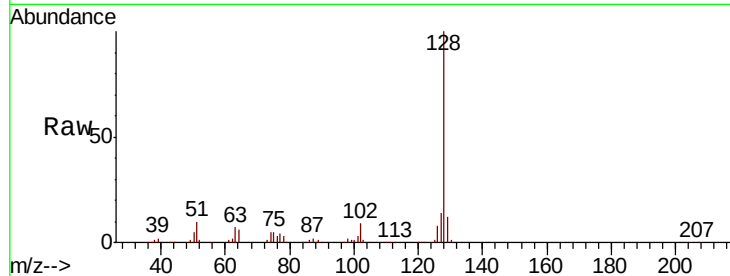
#31
Naphthalene
Concen: 30.919 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	545702		
129	11.6		9.1	13.7
127	13.8		11.3	16.9

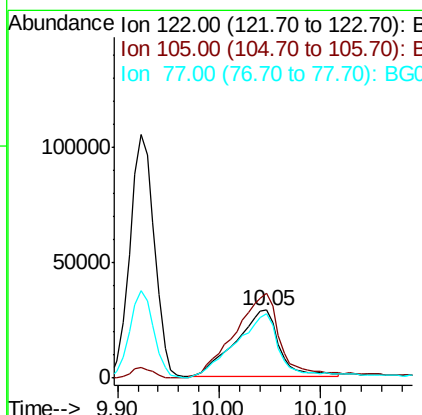
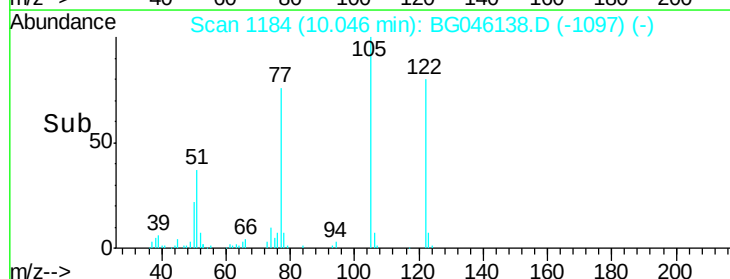
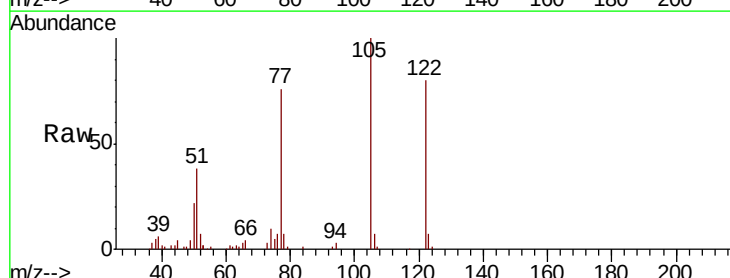
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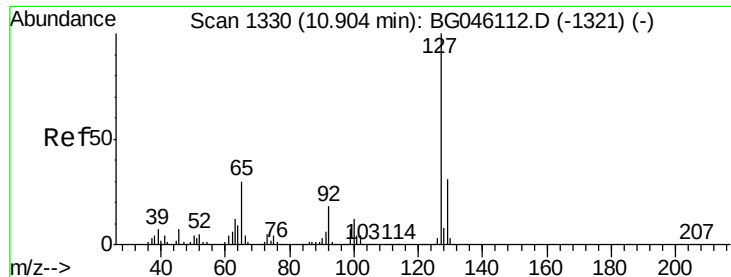
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#32
Benzoic acid
Concen: 29.476 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	88871		
105	124.8		103.0	143.0
77	95.2		75.2	115.2





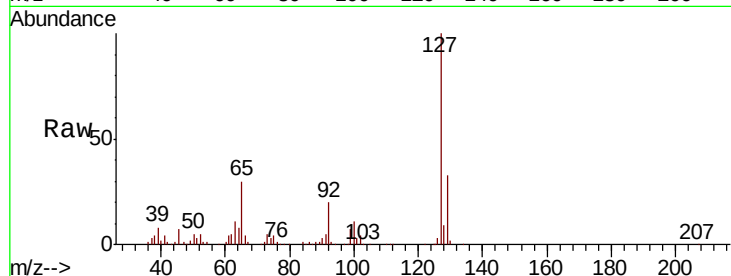
#33
4-Chloroaniline
Concen: 26.010 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.2	37.8	
65	29.9	24.2	36.2	
92	20.5	14.5	21.7	

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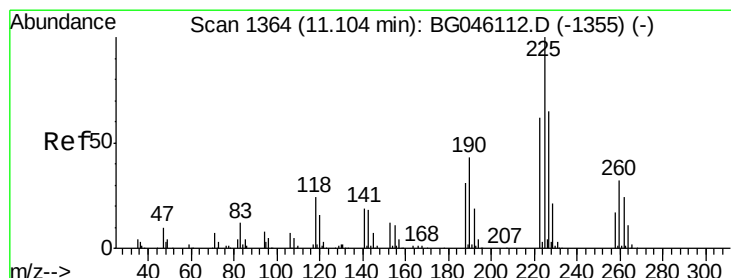
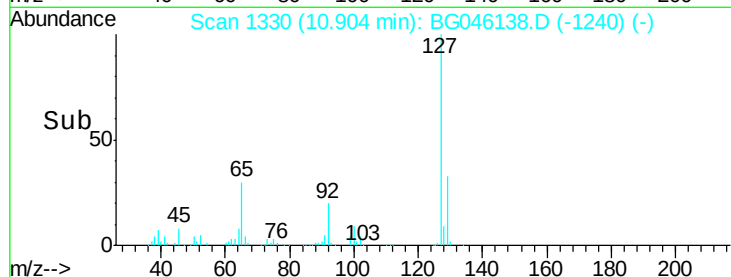
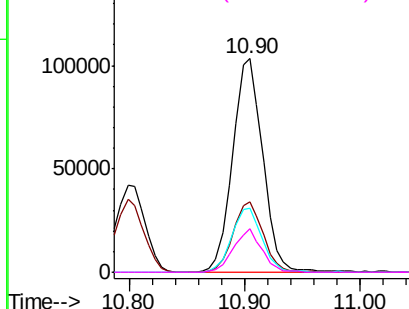
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

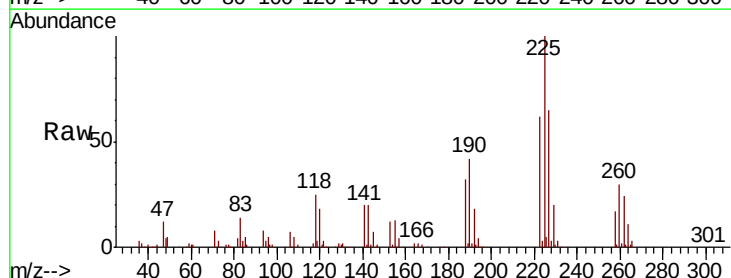
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 29.231 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	49.8	74.6	
227	64.6	51.9	77.9	

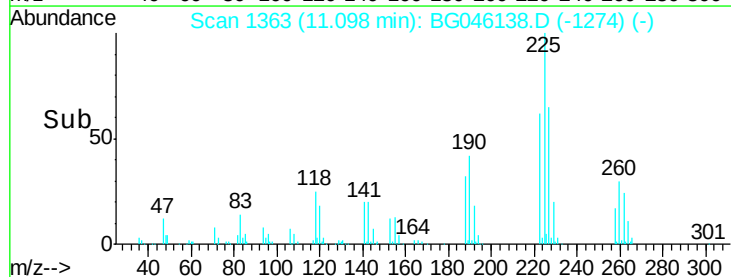
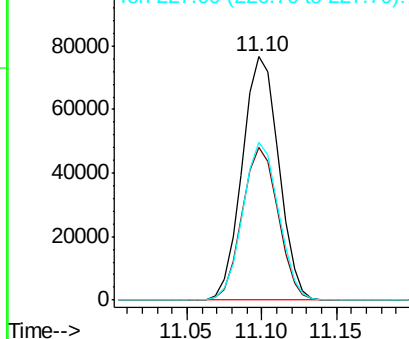


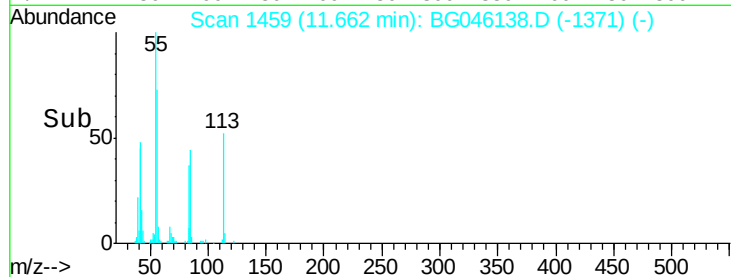
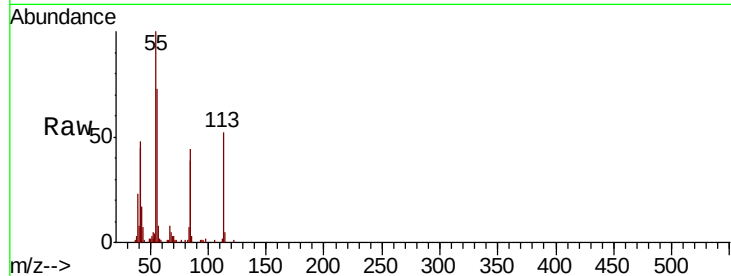
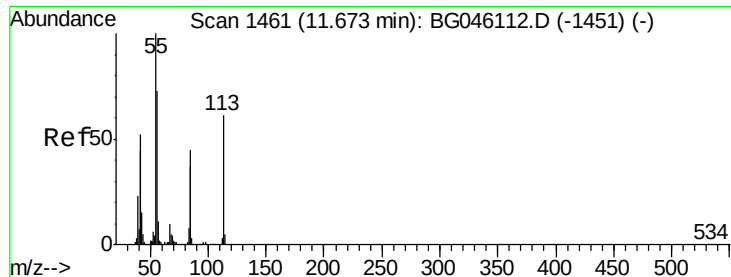
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.337 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

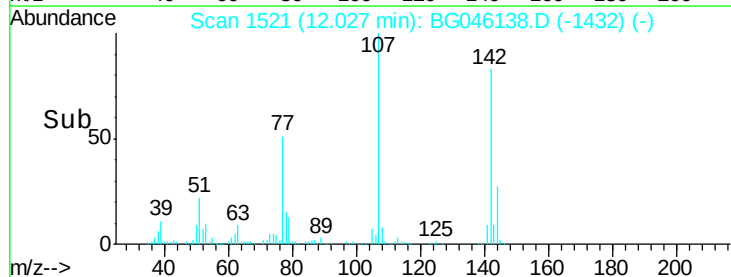
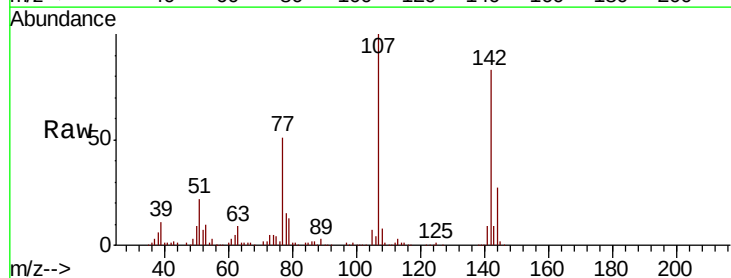
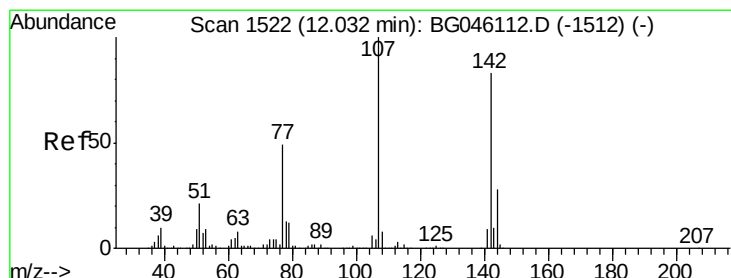
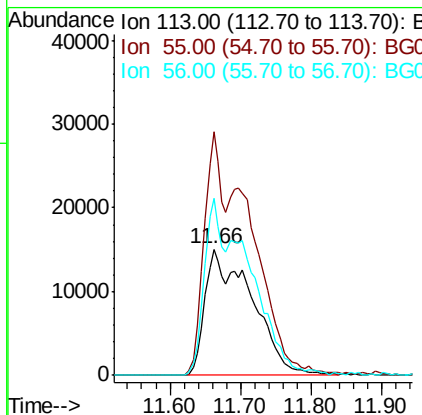
ClientSampleId :

PB130658BS

Tot Ion:113	Resp:	69624
Ion Ratio	Lower	Upper
113	100	
55	193.1	144.7 184.7#
56	140.9	99.4 139.4#

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#36

4-Chloro-3-methylphenol

Concen: 34.953 ng/mL

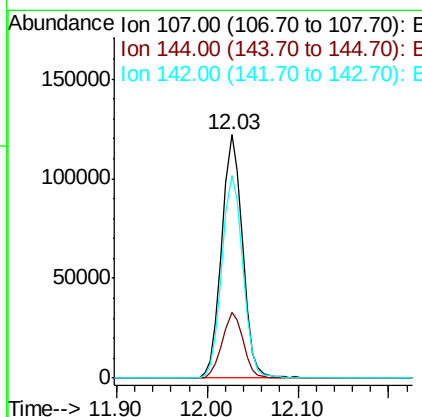
RT: 12.03 min Scan# 1521

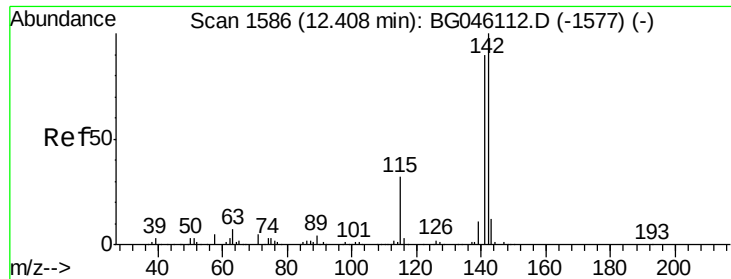
Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:107	Resp:	195424
Ion Ratio	Lower	Upper
107	100	
144	27.1	22.4 33.6
142	83.5	66.6 100.0





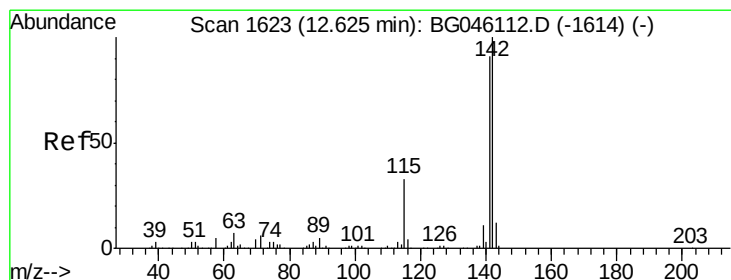
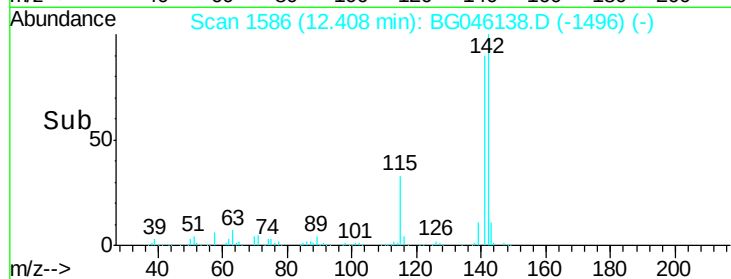
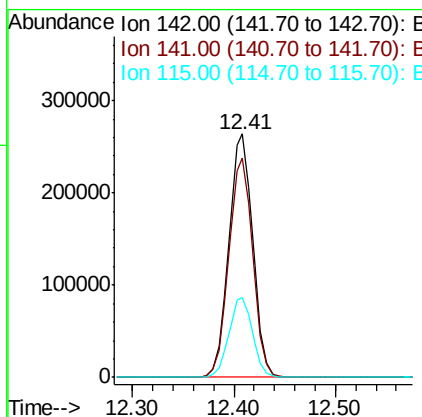
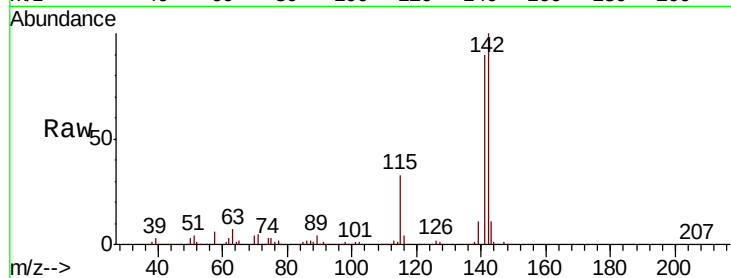
#37
2-Methylnaphthalene
Concen: 31.604 ng
RT: 12.41 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.7	107.5
115	32.7	25.8	38.8

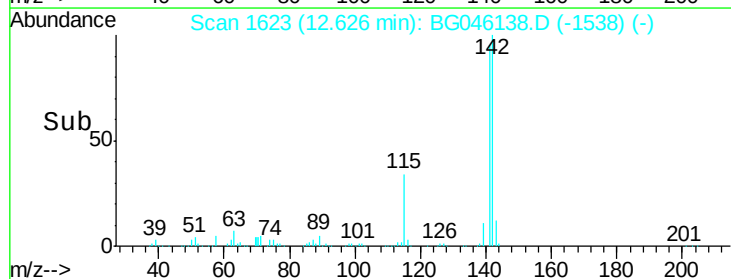
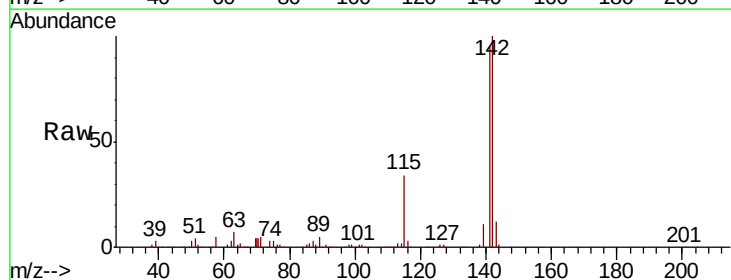
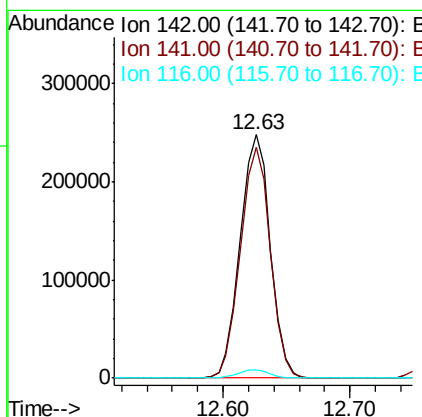
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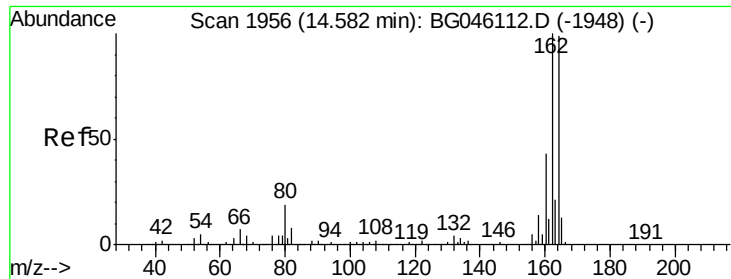
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#38
1-Methylnaphthalene
Concen: 31.660 ng
RT: 12.63 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.0	109.4
116	3.2	2.8	4.2





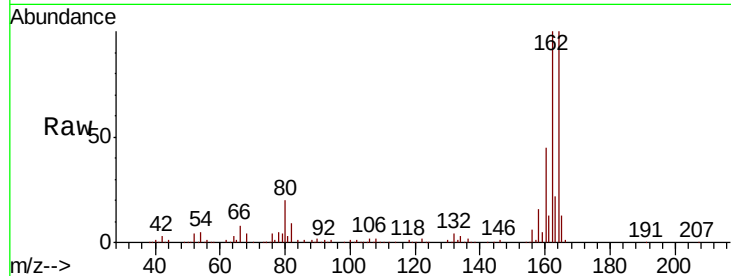
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

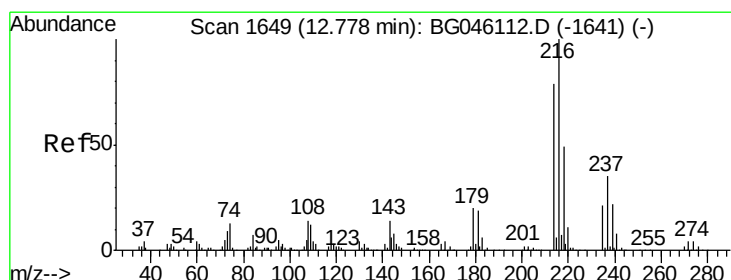
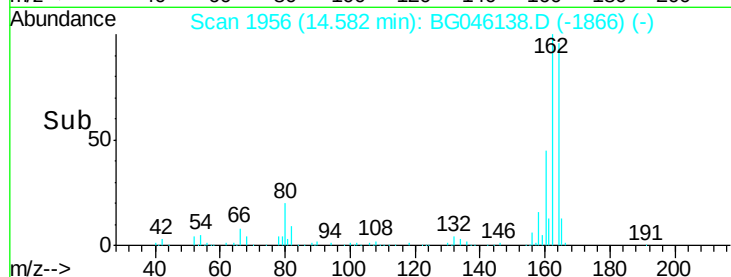
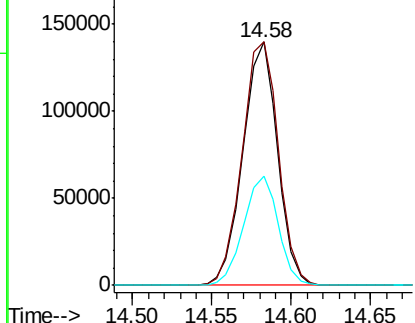
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	80.6	121.0	
160	44.7	34.9	52.3	

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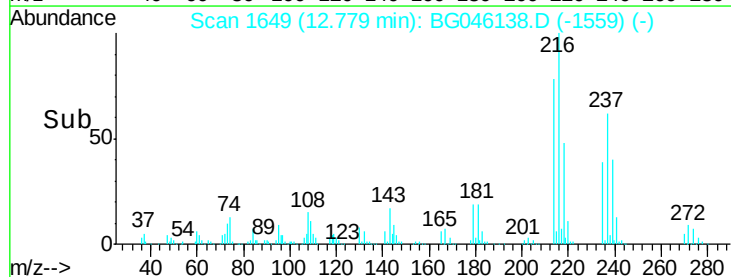
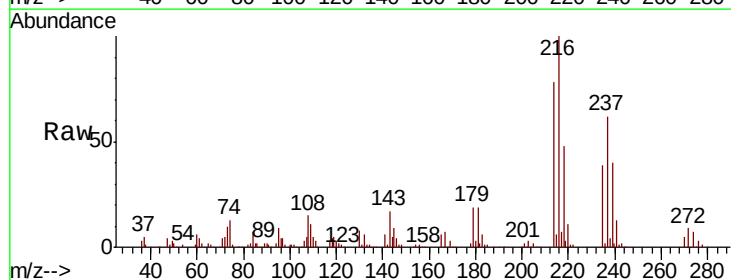
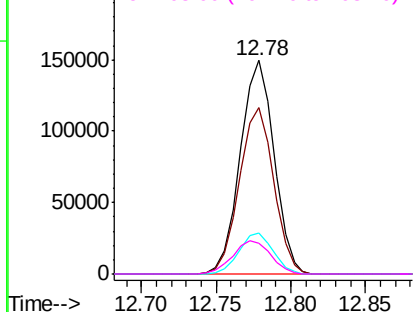
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

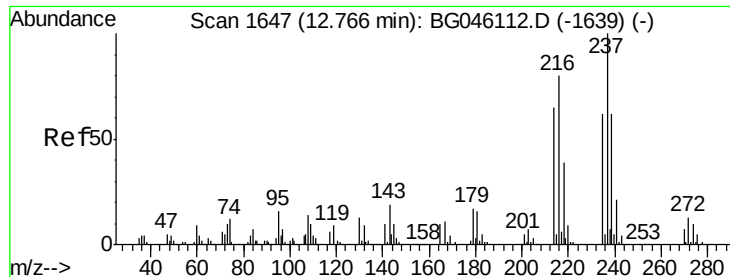


#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.818 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	62.7	94.1	
179	19.3	15.0	22.6	
108	17.7	11.6	17.4	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 75.433 ng

RT: 12.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

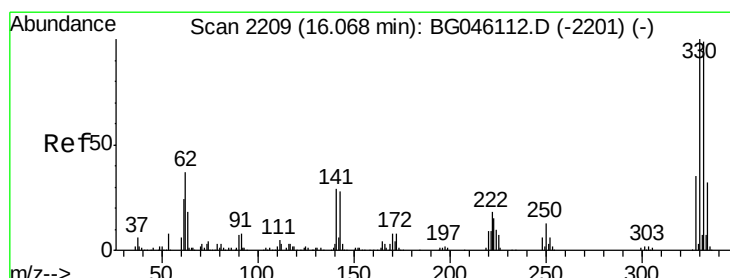
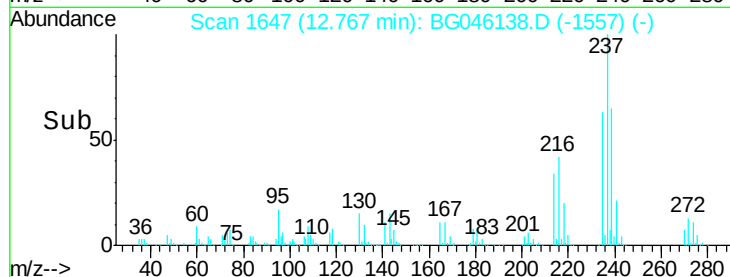
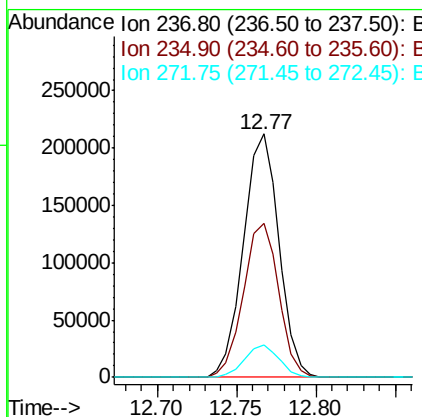
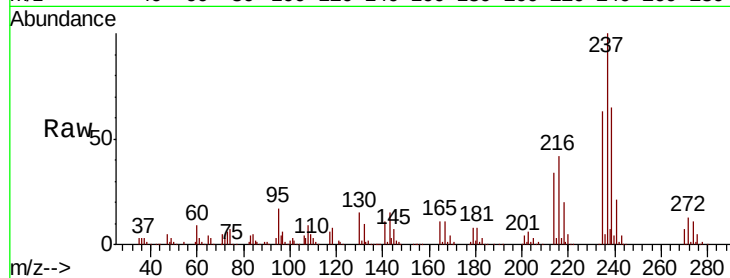
ClientSampleId :

PB130658BS

Tot Ion:	237	Resp:	329983
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.3	82.3
272	13.5	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 140.027 ng

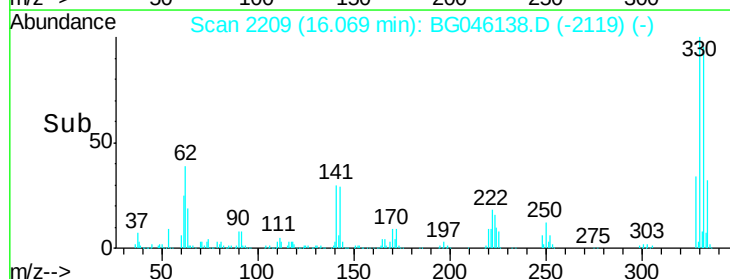
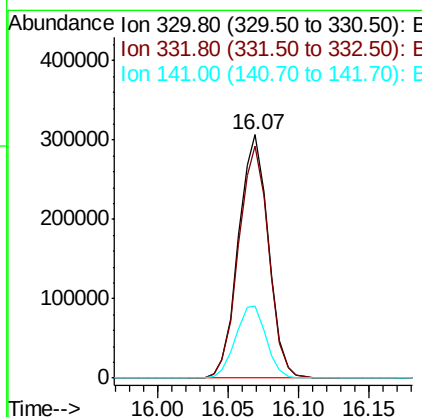
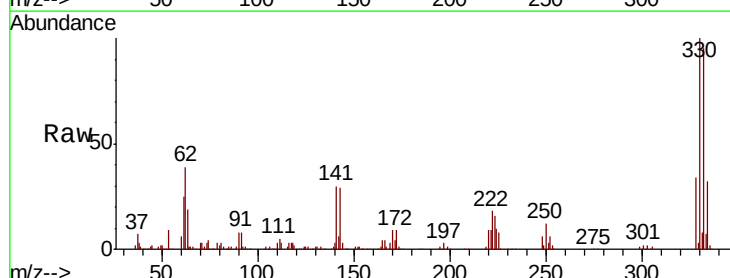
RT: 16.07 min Scan# 2209

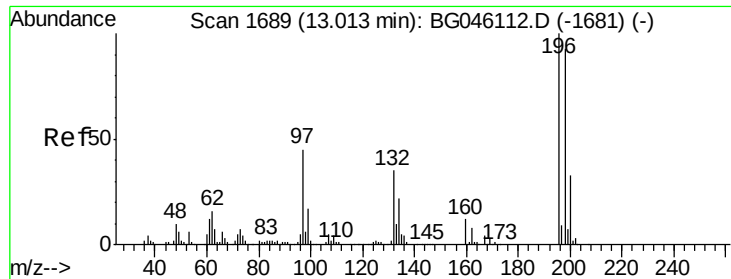
Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:	330	Resp:	455258
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.2
141	30.4	23.4	35.0





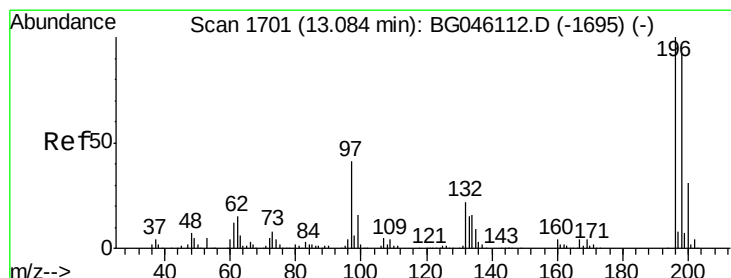
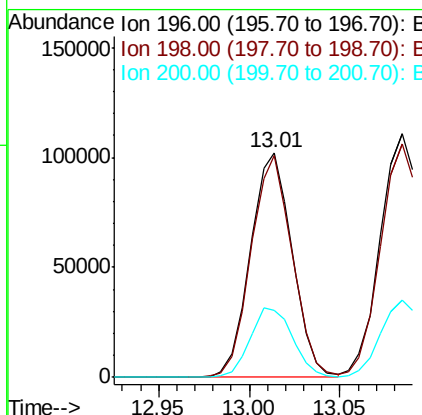
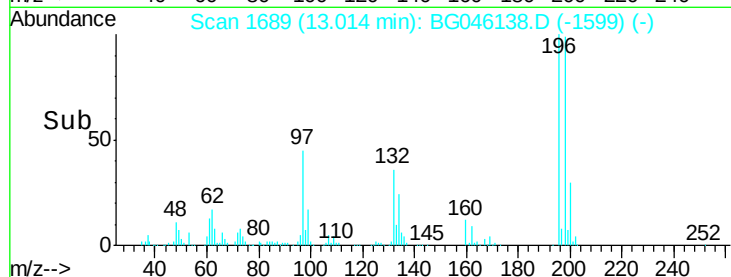
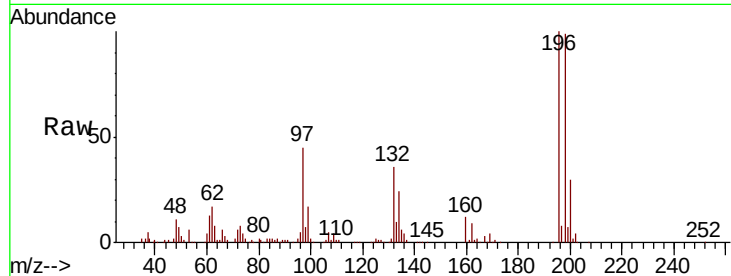
#43
 2,4,6-Trichlorophenol
 Concen: 33.561 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampled :
 PB130658BS

Tot Ion:	196	Resp:	163297
Ion Ratio	Lower	Upper	
196	100		
198	98.6	74.2	111.4
200	29.9	26.0	39.0

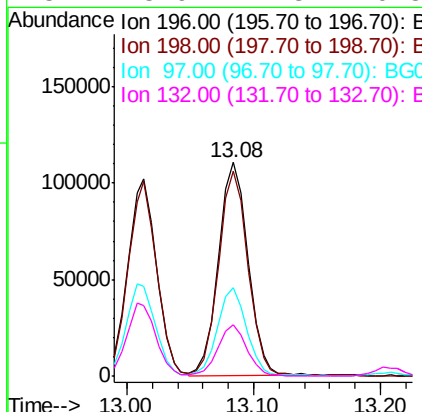
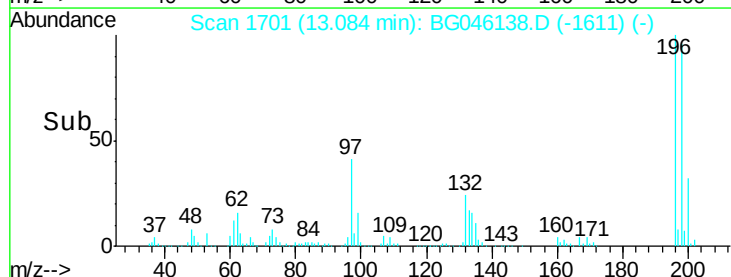
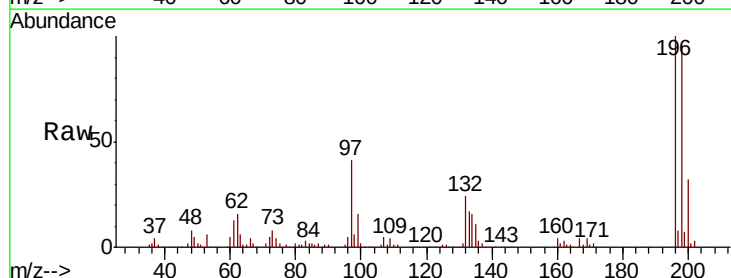
Manual Integrations
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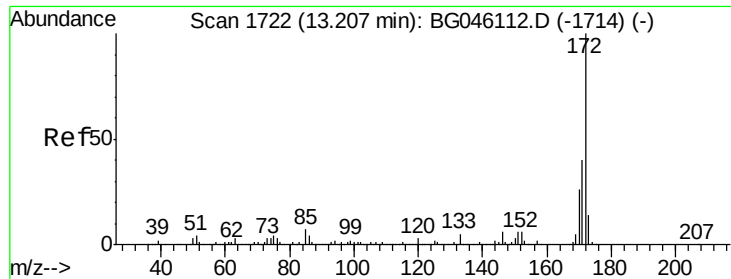
mohammad
 8/3/2020 12:22:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 33.905 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion:	196	Resp:	179999
Ion Ratio	Lower	Upper	
196	100		
198	95.6	73.9	110.9
97	41.5	32.7	49.1
132	23.9	17.8	26.8





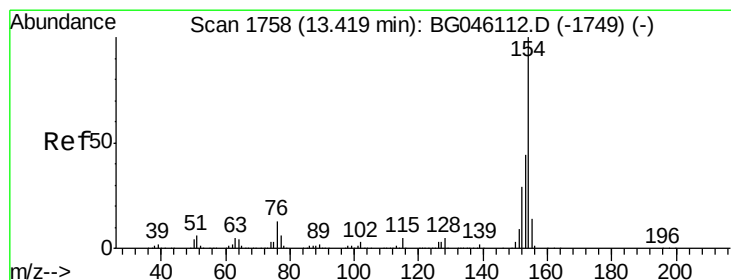
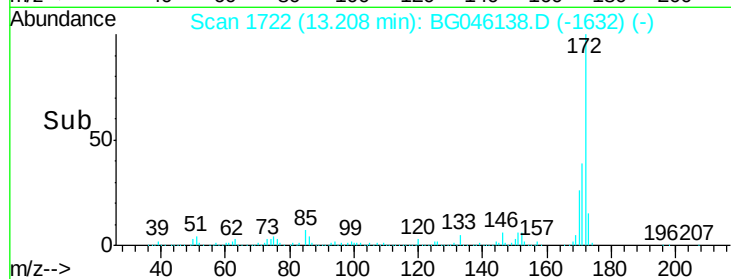
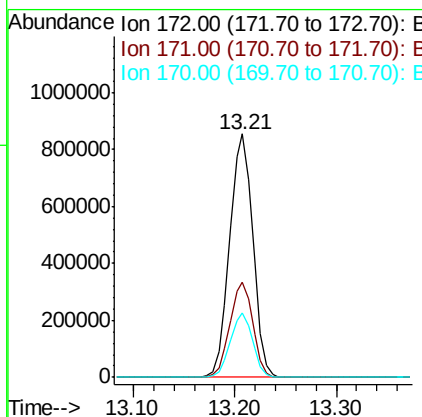
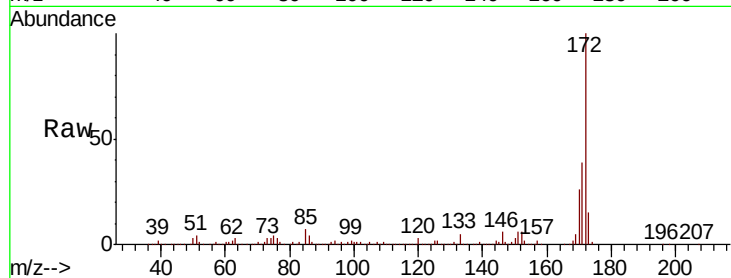
#45
2-Fluorobiphenyl
Concen: 92.948 ng
RT: 13.21 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampled :
PB130658BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.7	47.5
170	26.4	20.9	31.3

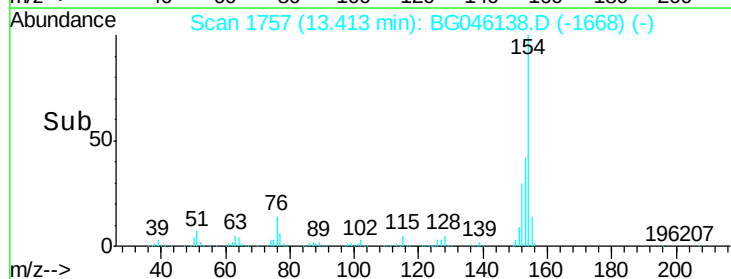
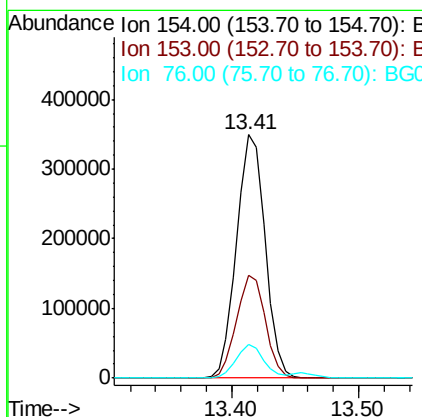
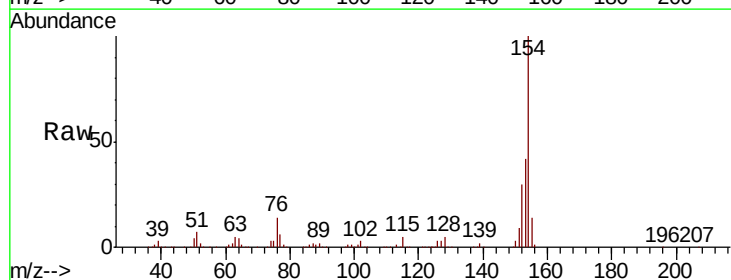
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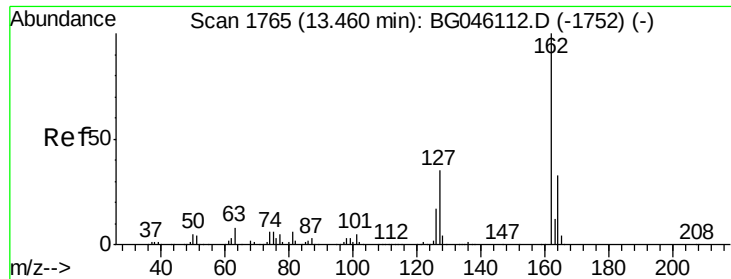
mohammad
8/3/2020 12:22:25 PM



#46
1,1'-Biphenyl
Concen: 32.865 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.7	63.7
76	13.9	0.0	32.9





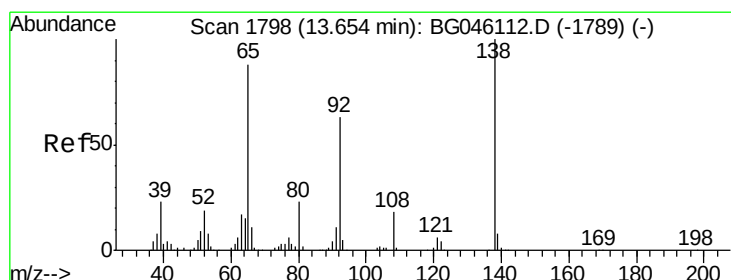
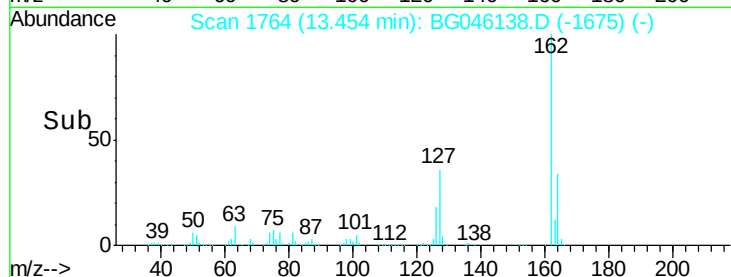
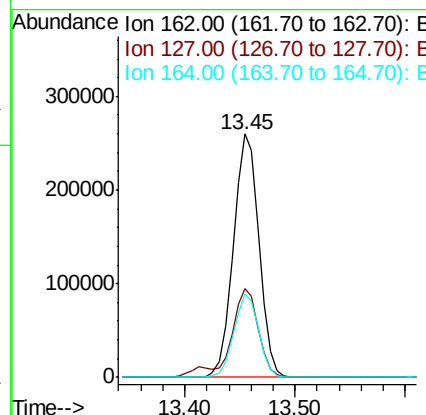
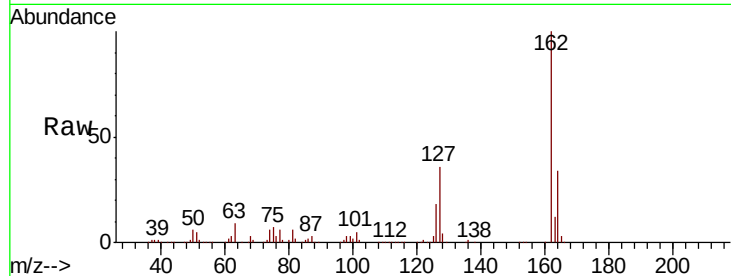
#47
2-Chloronaphthalene
Concen: 31.757 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	28.0	42.0
164	34.1	26.5	39.7

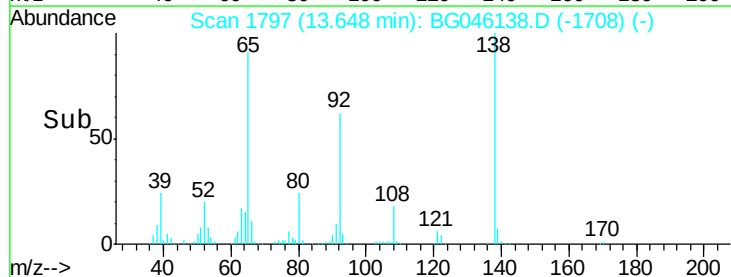
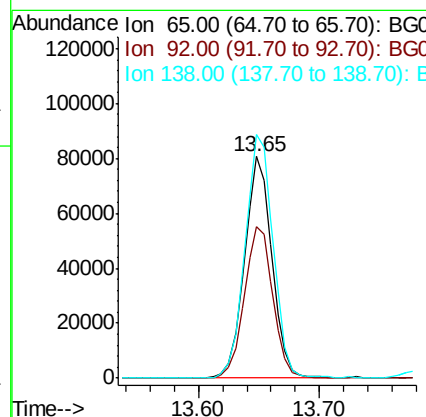
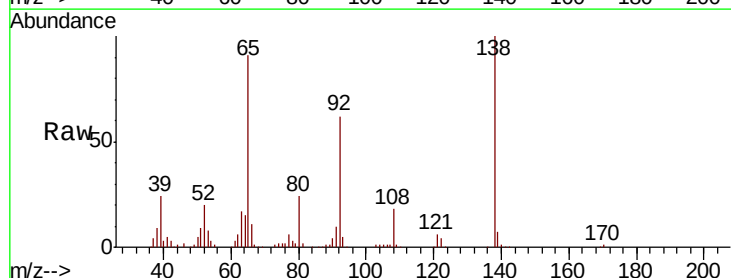
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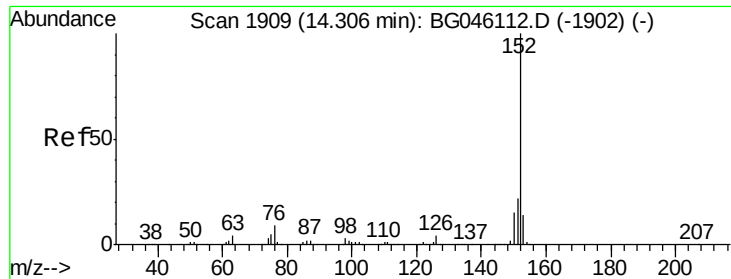
mohammad
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#48
2-Nitroaniline
Concen: 37.022 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	57.4	86.2
138	110.0	91.1	136.7





#49

Acenaphthylene

Concen: 33.477 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

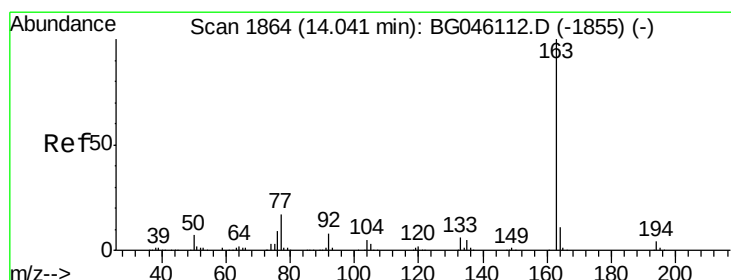
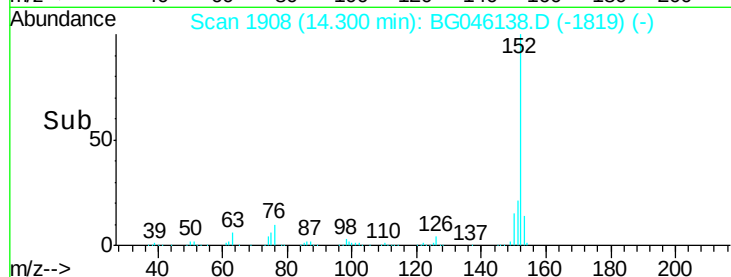
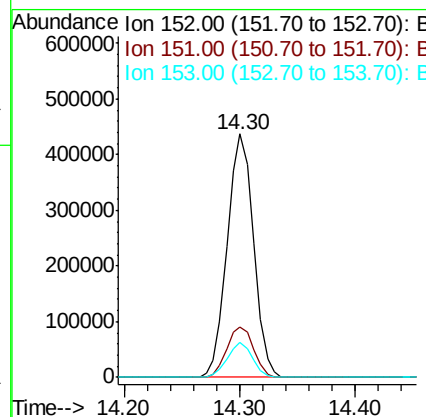
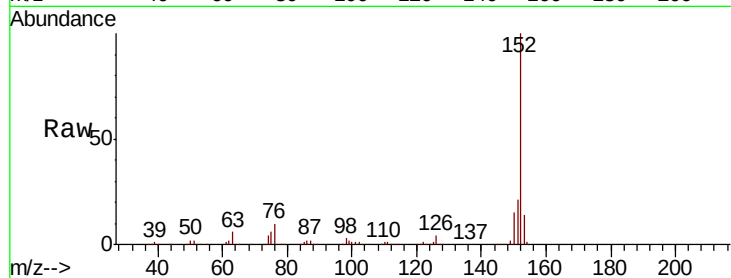
ClientSampleId :

PB130658BS

Tot Ion:	152	Resp:	688528
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.4	26.2
153	14.2	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 34.547 ng

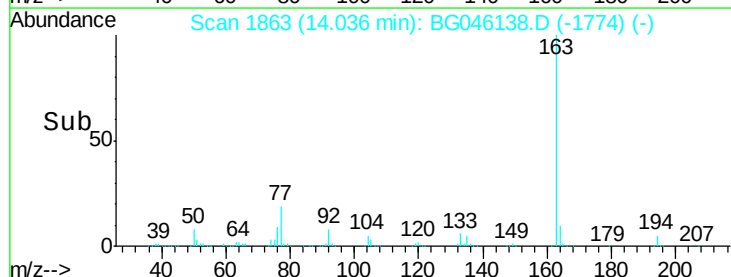
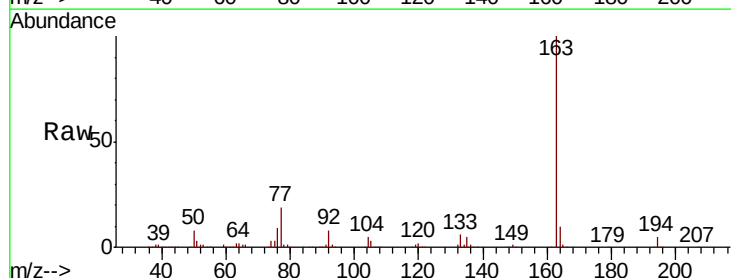
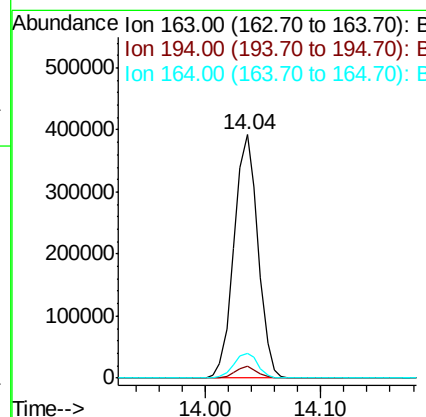
RT: 14.04 min Scan# 1863

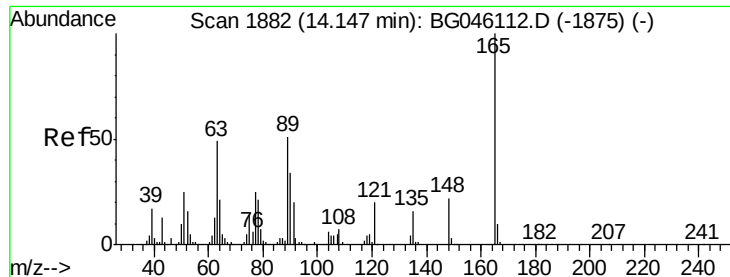
Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:	163	Resp:	561251
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	10.1	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 33.119 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

Tot Ion:165 Resp: 125222

Ion Ratio Lower Upper

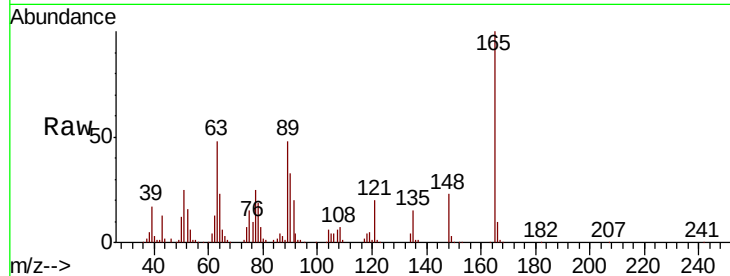
165 100

63 47.8 39.7 59.5

89 48.1 41.0 61.6

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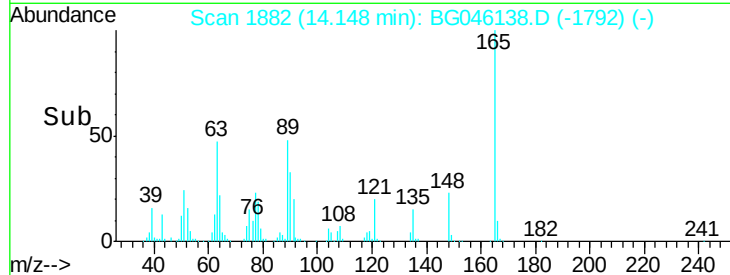


Abundance Ion 165.00 (164.70 to 165.70): E

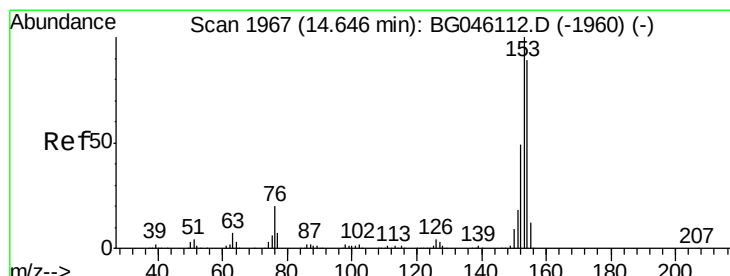
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Time-->



Time-->



#52

Acenaphthene

Concen: 34.583 ng

RT: 14.65 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

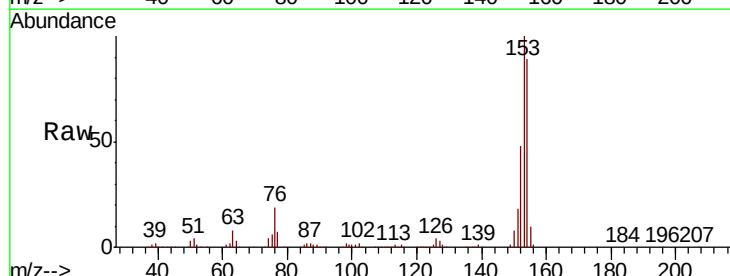
Tgt Ion:154 Resp: 469425

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.8

152 54.3 44.5 66.7

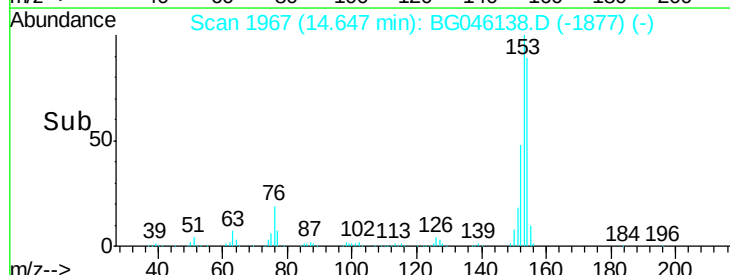


Abundance Ion 154.00 (153.70 to 154.70): E

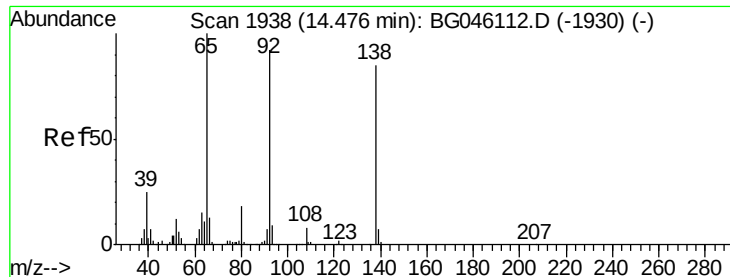
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



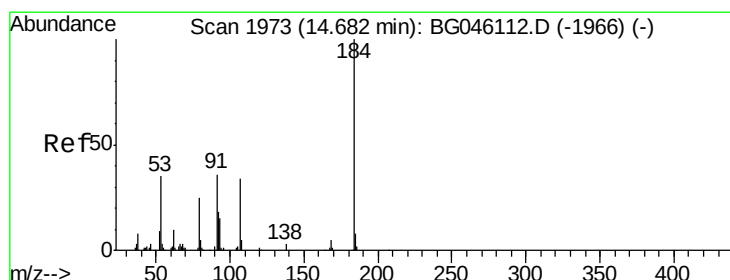
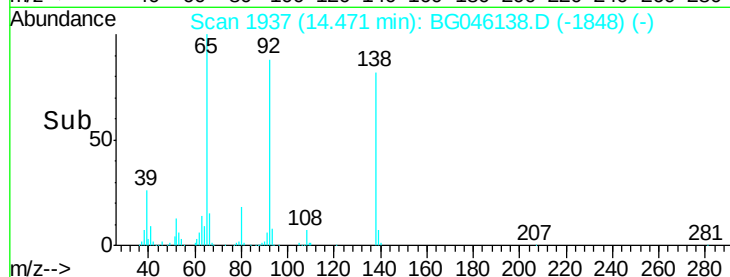
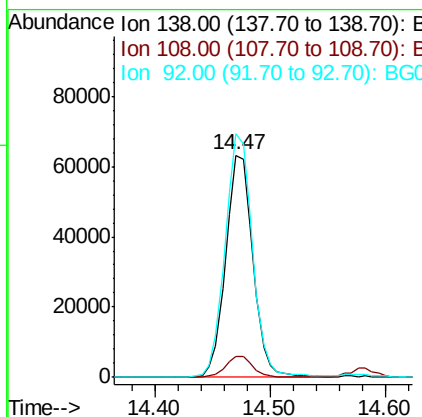
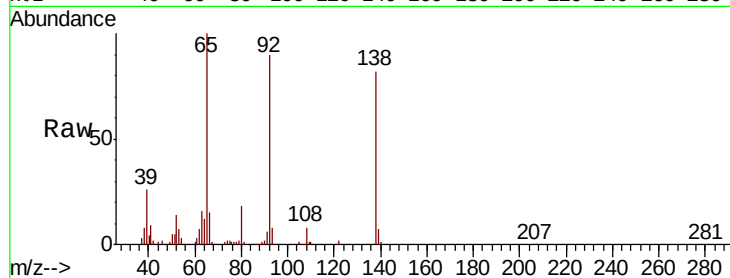
#53
3-Nitroaniline
Concen: 27.716 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.2	10.8
92	109.7	87.5	131.3

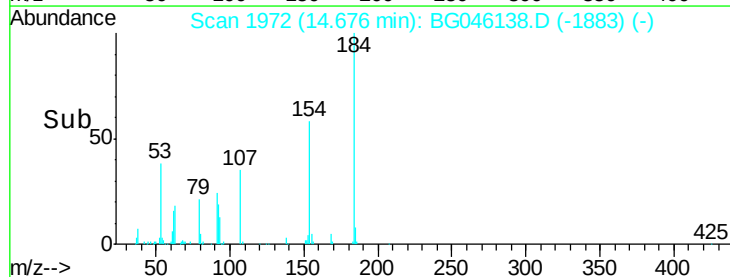
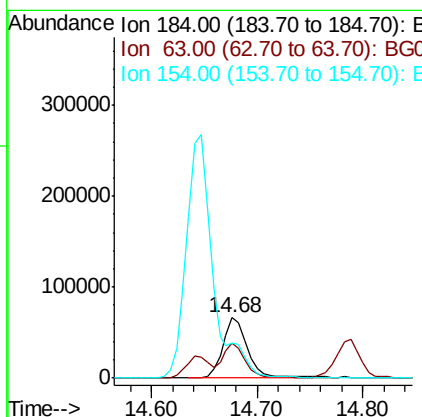
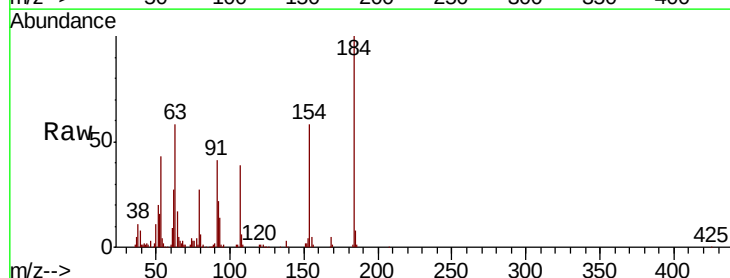
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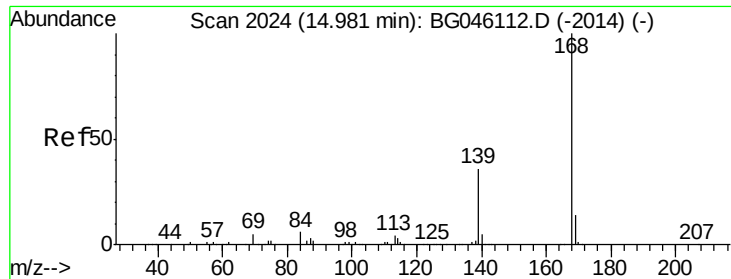
mohammad
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#54
2,4-Dinitrophenol
Concen: 48.998 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	36.7	55.1#
154	58.1	41.3	61.9





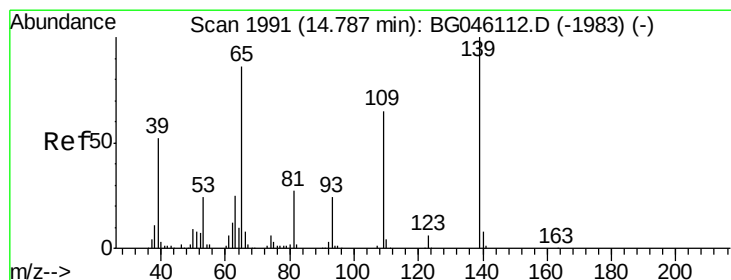
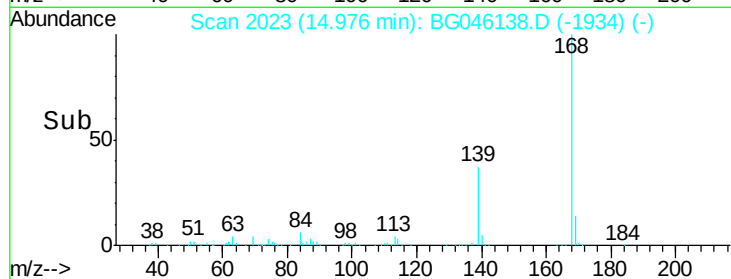
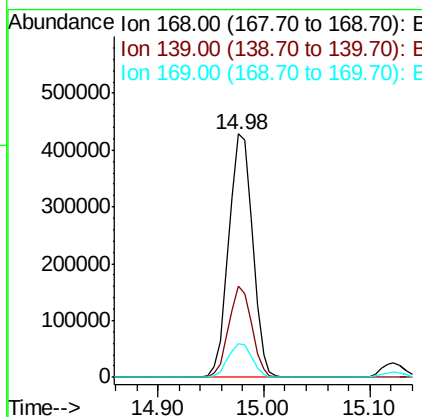
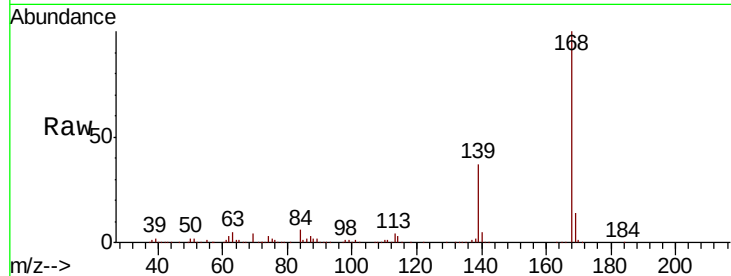
#55
Dibenzenofuran
Concen: 32.488 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.0	43.4
169	14.1	11.3	16.9

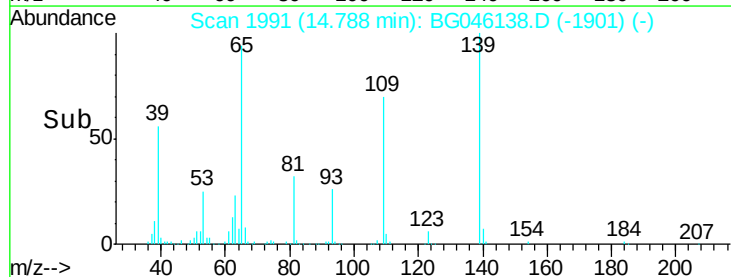
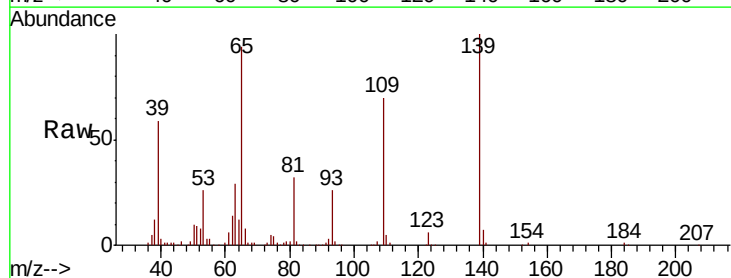
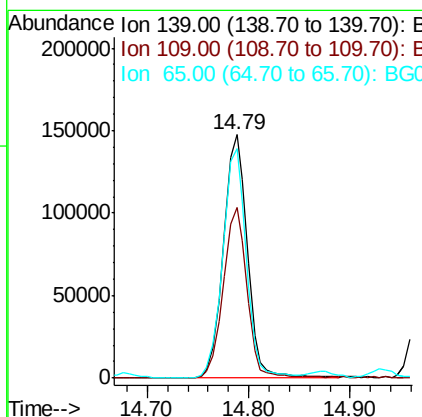
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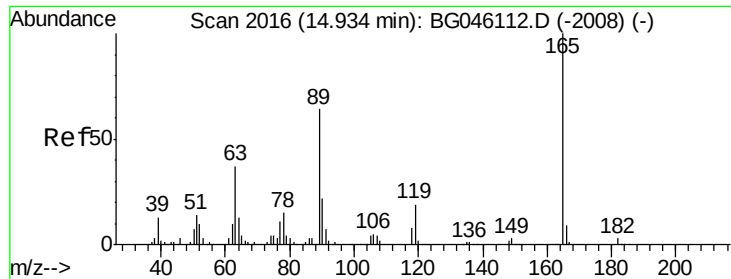
mohammad
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#56
4-Nitrophenol
Concen: 74.706 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.1	45.1	85.1
65	94.1	66.4	106.4





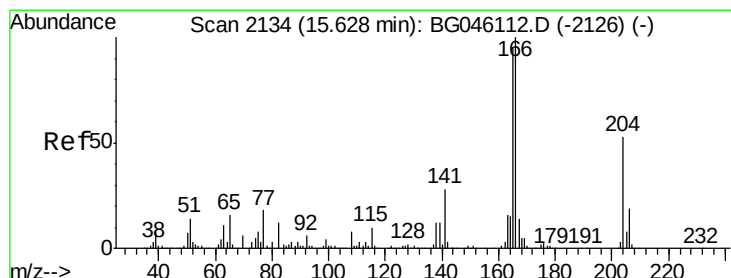
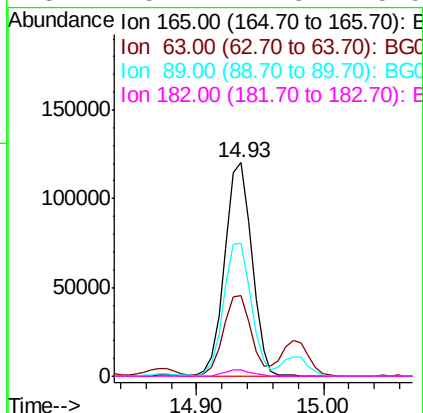
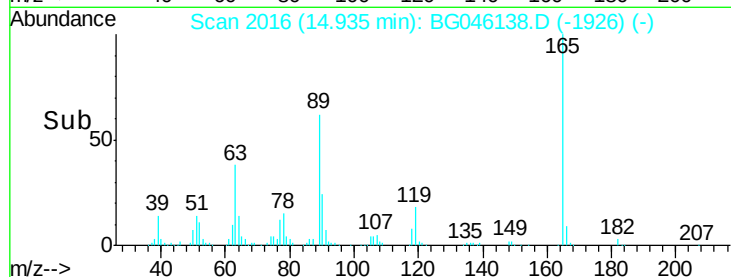
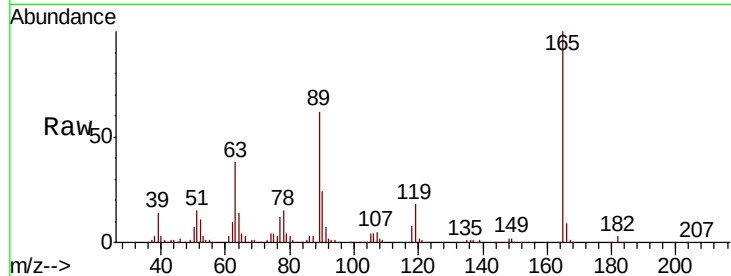
#57
 2,4-Dinitrotoluene
 Concen: 34.319 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		178409		
63	37.6	30.1	45.1		
89	62.3	51.4	77.2		
182	3.1	2.3	3.5		

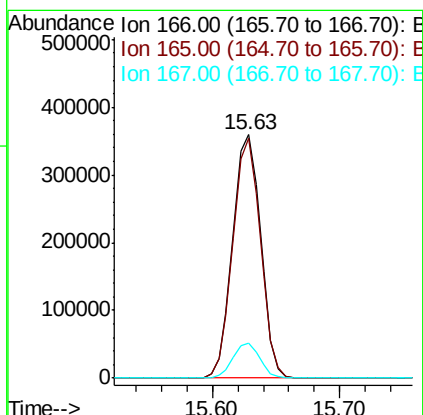
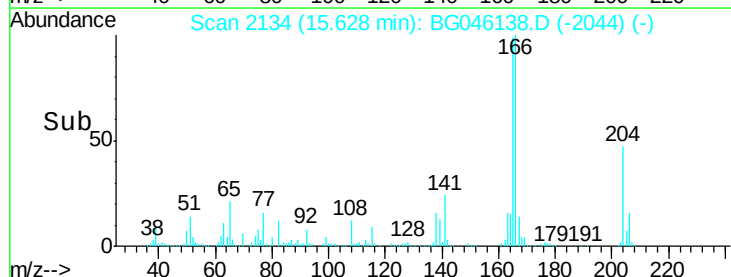
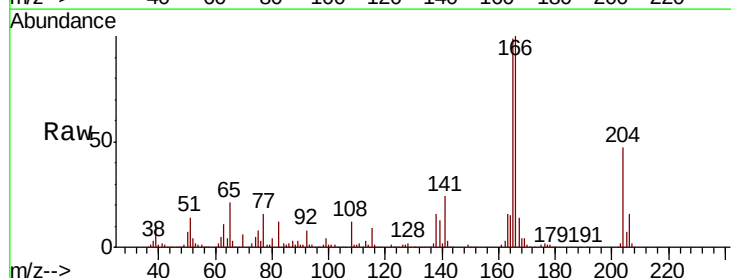
Manual Integrations
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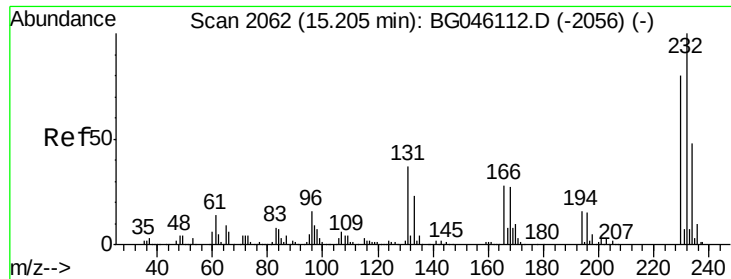
mohammad
 8/3/2020 12:22:25 PM



#58
 Fluorene
 Concen: 33.202 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		550732		
165	98.6	76.3	114.5		
167	14.3	11.0	16.6		





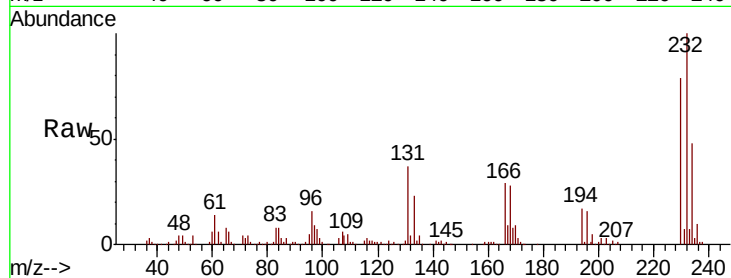
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.873 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		179387		
131	37.8	28.6	42.8		
130	2.1	1.6	2.4		
166	28.8	22.5	33.7		

Manual Integrations
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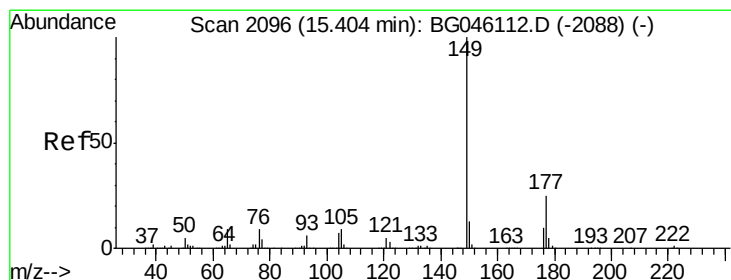
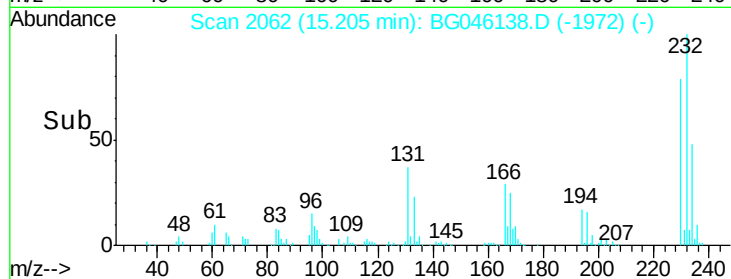
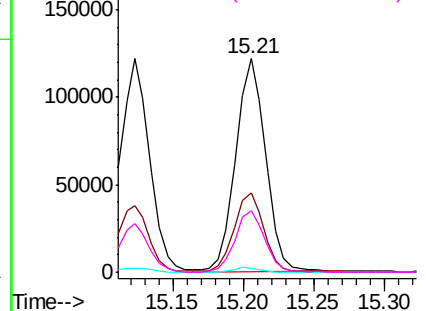
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

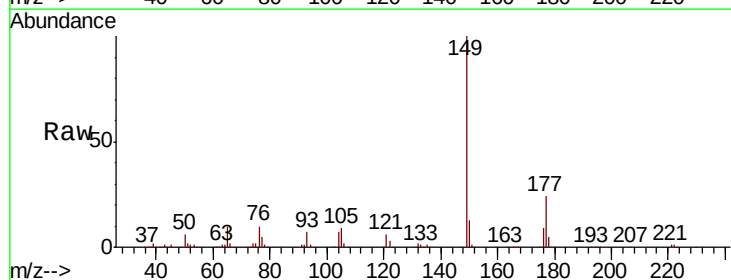
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 35.057 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		560271		
177	23.9	19.7	29.5		
150	12.8	10.8	16.2		

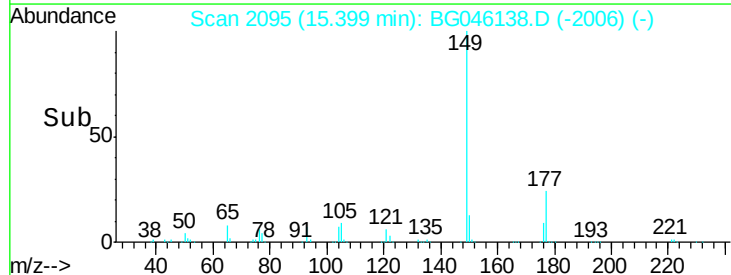
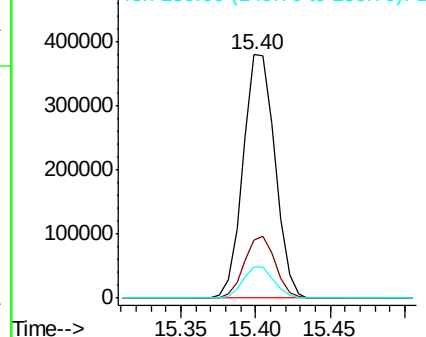


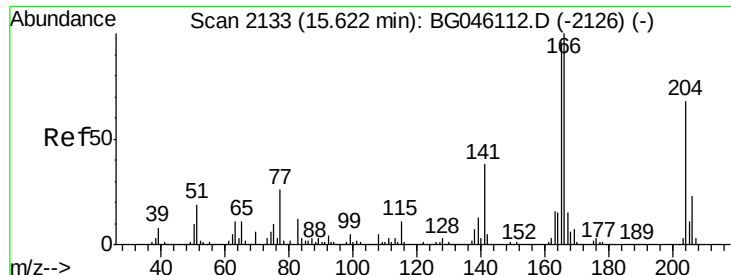
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





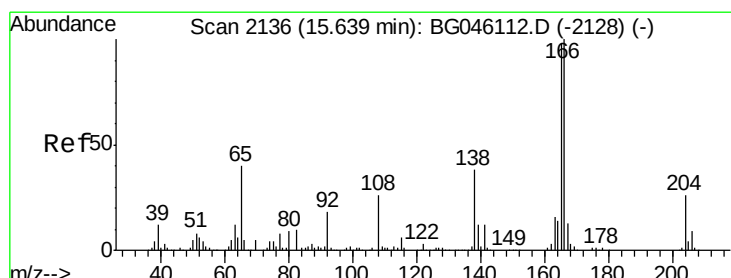
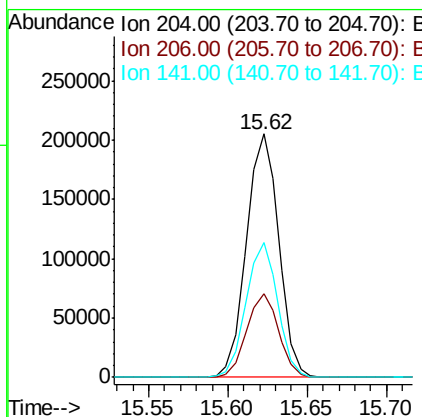
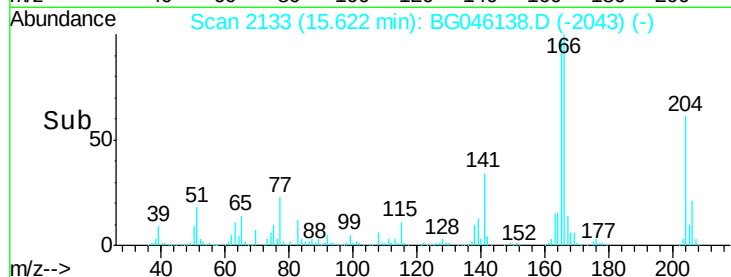
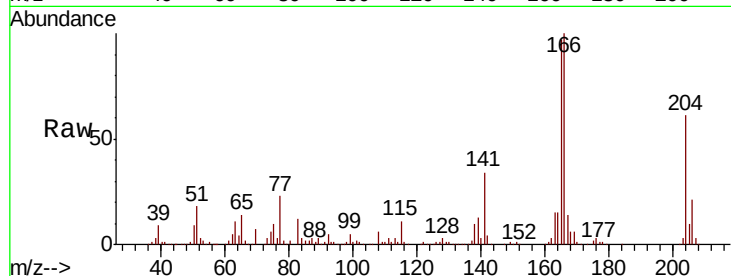
#61
 4-Chlorophenyl-phenylether
 Concen: 33.565 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleID :
 PB130658BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	290783		
206	34.4	27.7	41.5	
141	55.4	44.7	67.1	

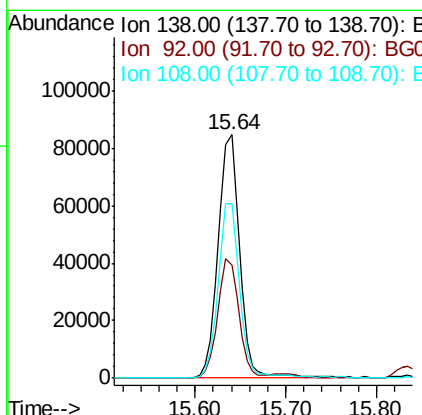
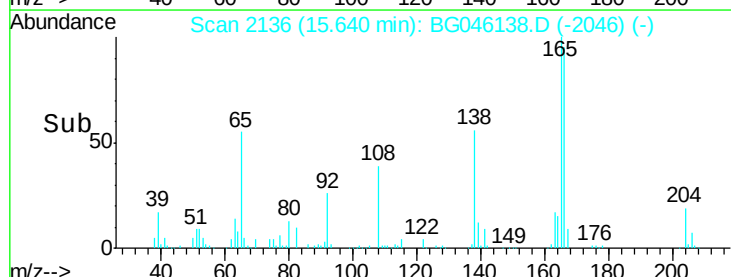
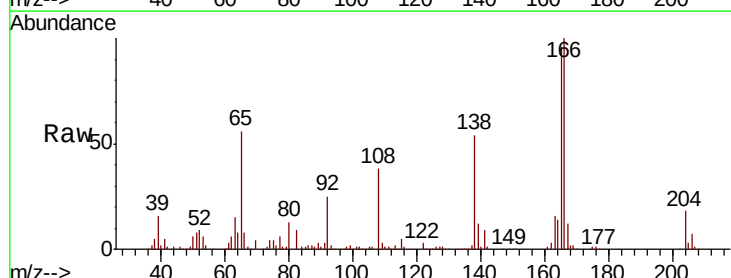
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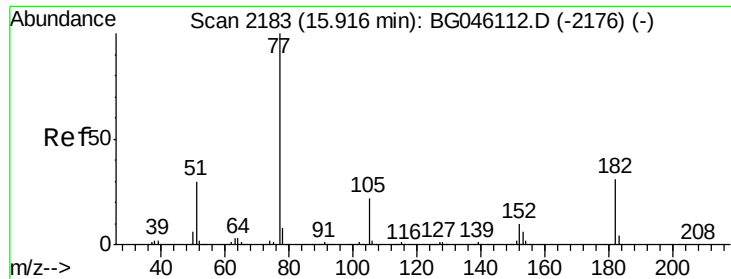
mohammad
 8/3/2020 12:22:25 PM



#62
 4-Nitroaniline
 Concen: 37.100 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	139862		
92	46.3	28.3	68.3	
108	71.5	49.2	89.2	





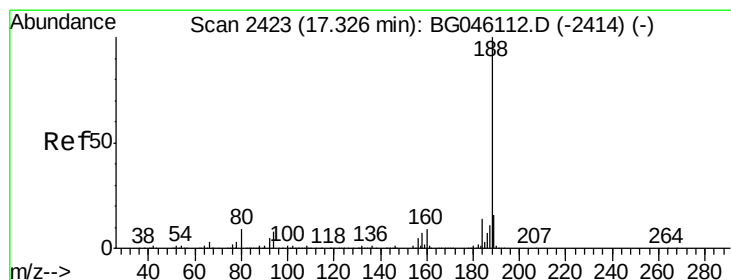
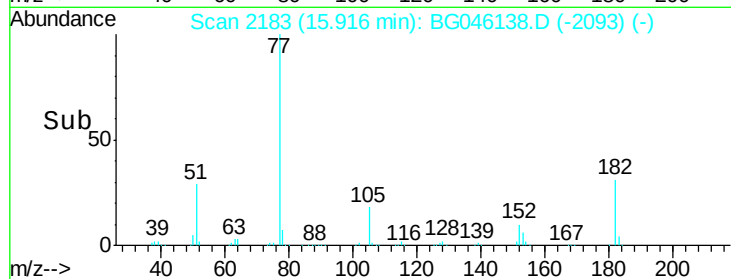
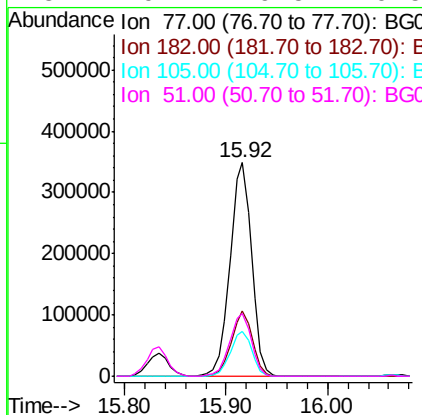
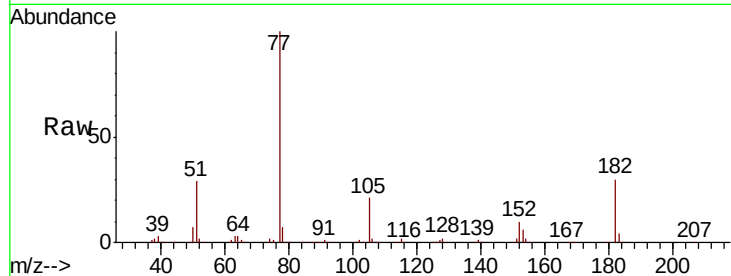
#63
Azobenzene
Concen: 34.318 ng
RT: 15.92 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.3	10.7	50.7
105	21.1	1.9	41.9
51	29.4	9.5	49.5

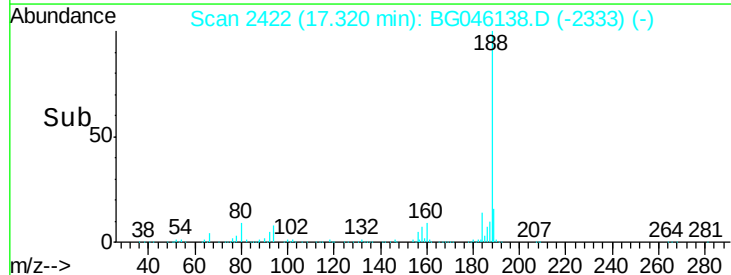
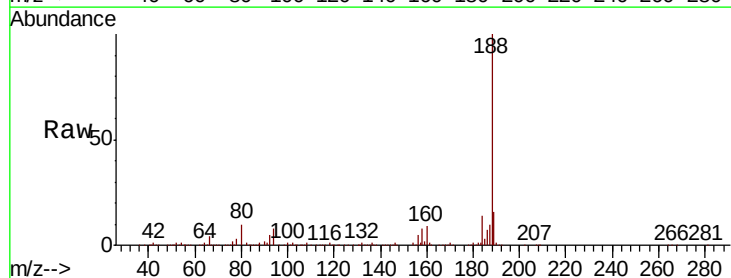
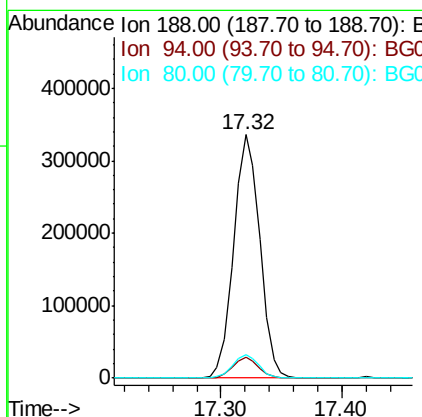
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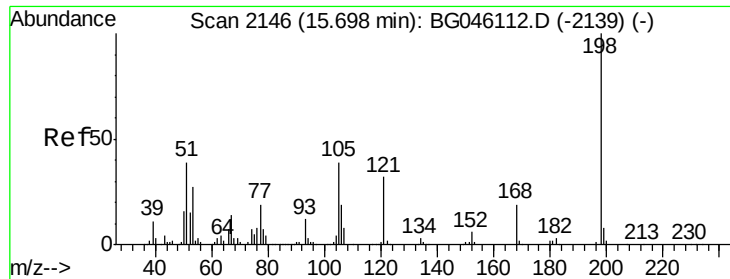
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	9.5	7.4	11.0





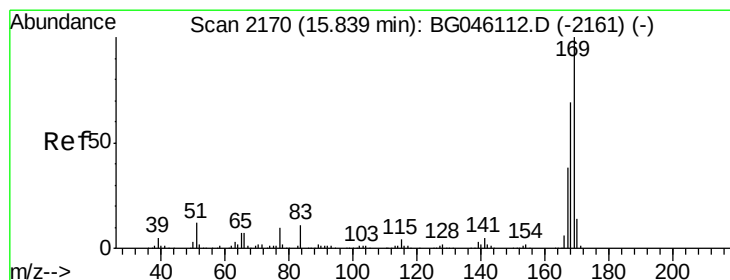
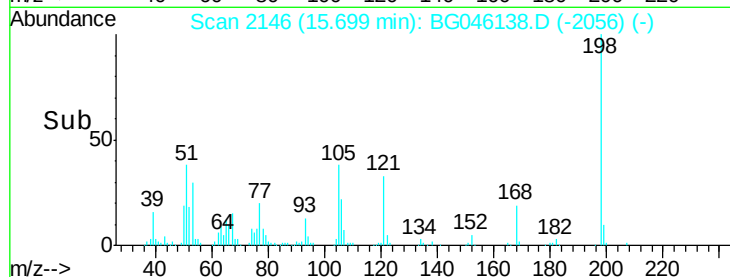
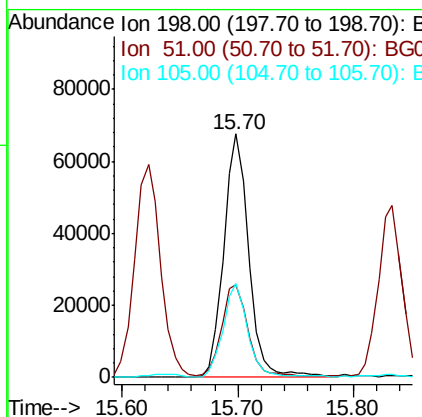
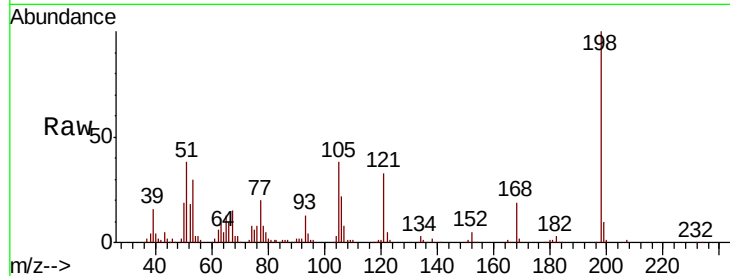
#65
4,6-Dinitro-2-methylphenol
Concen: 30.239 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	101331		
51	38.2	20.1	60.1	
105	38.4	19.2	59.2	

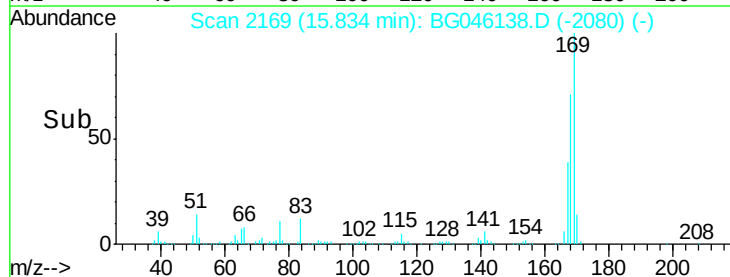
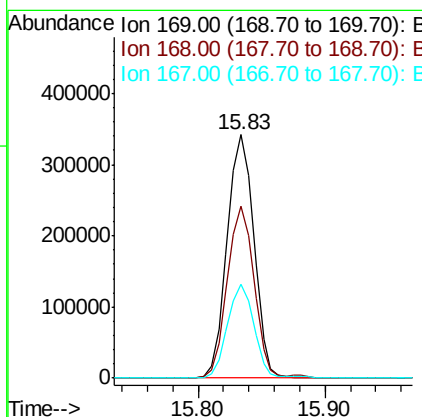
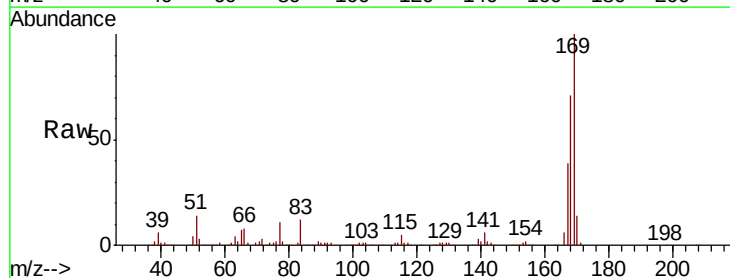
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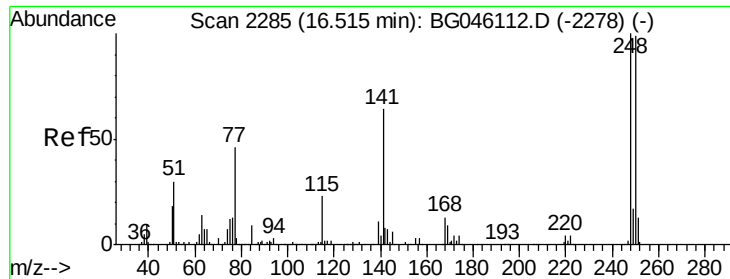
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 32.596 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	499932		
168	70.7	55.1	82.7	
167	38.6	30.5	45.7	





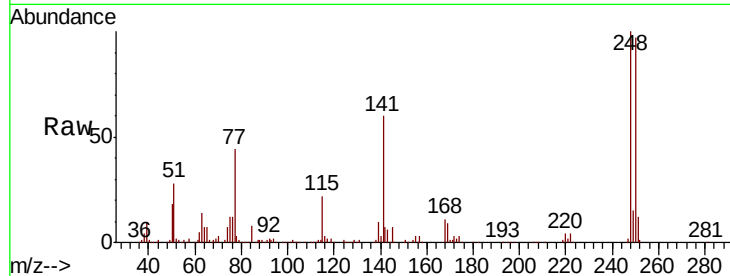
#67
 4-Bromophenyl-phenylether
 Concen: 32.385 ng
 RT: 16.52 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.4	119.0
141	60.0	50.9	76.3

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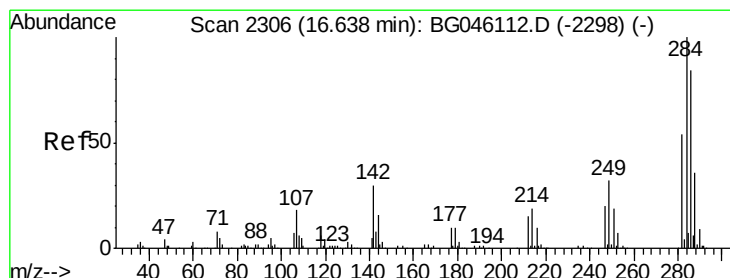
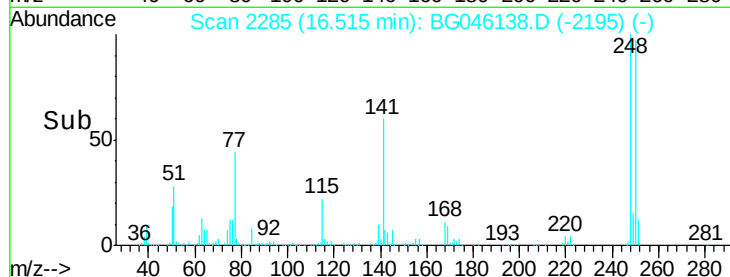
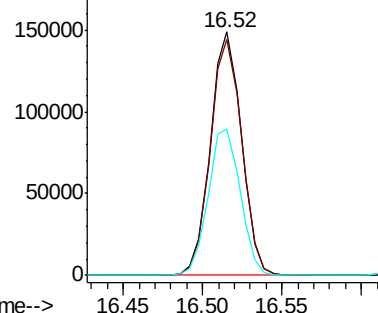


Abundance

Ion 248.00 (247.70 to 248.70): E

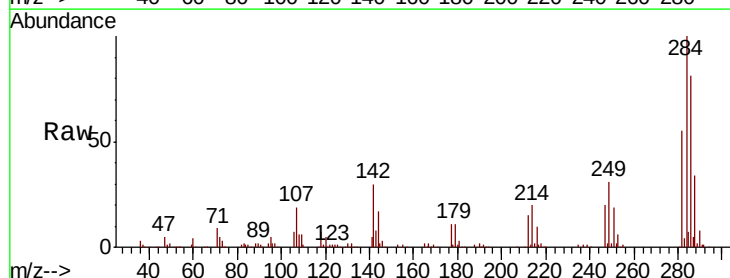
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 32.420 ng
 RT: 16.63 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	23.6	35.4
249	31.1	25.3	37.9

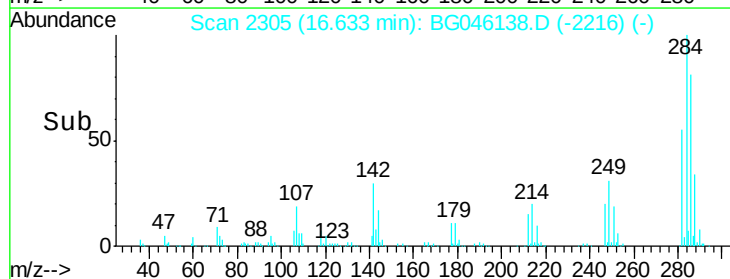
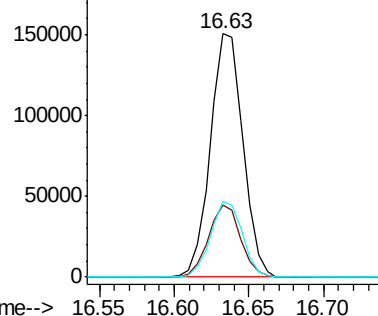


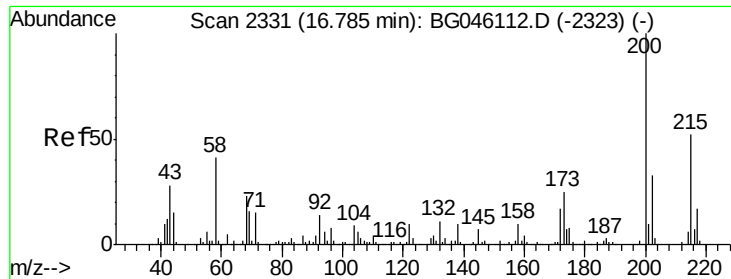
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





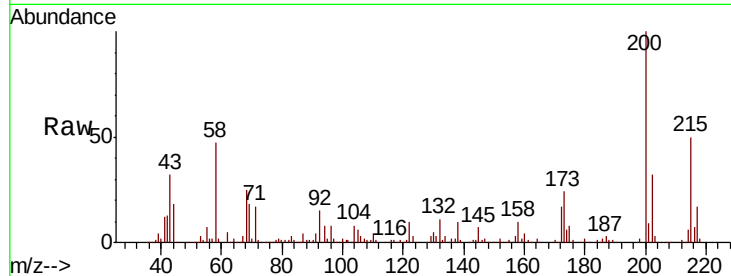
#69
Atrazine
Concen: 31.292 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

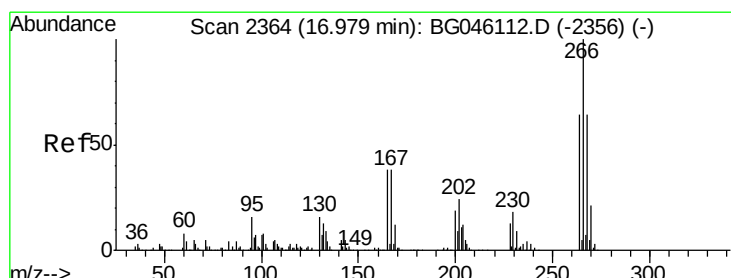
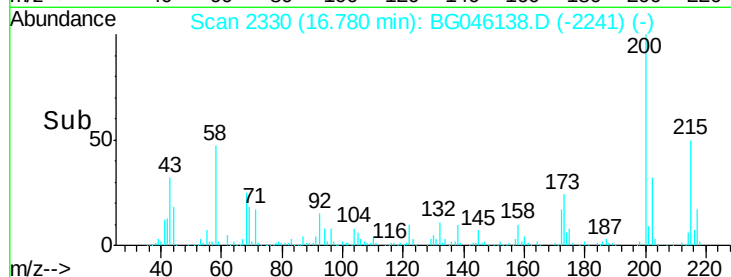
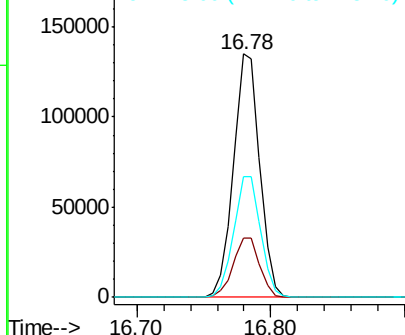
Tot Ion	Ratio	Resp	Lower	Upper
200	100	184808		
173	24.3	5.3	45.3	
215	49.7	31.5	71.5	

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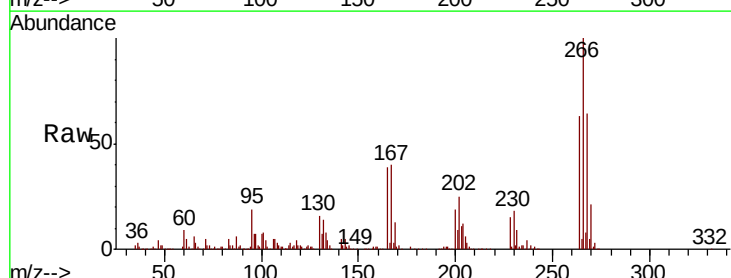


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

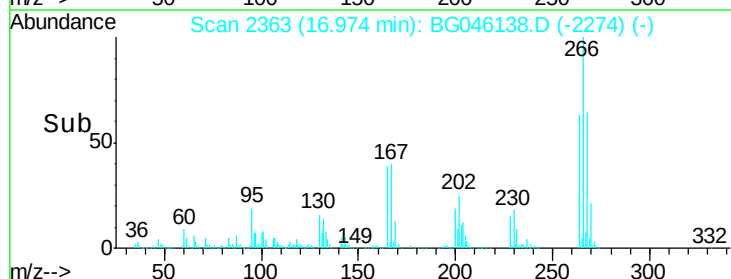
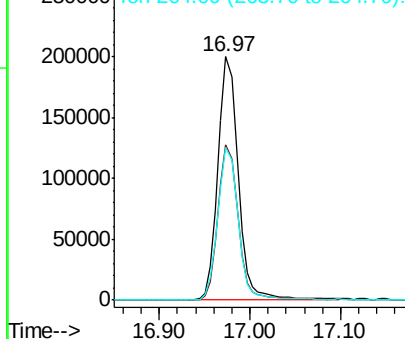


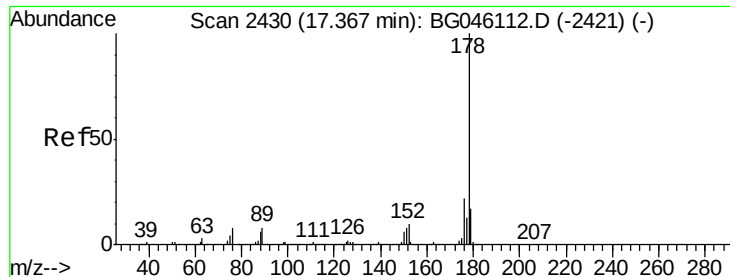
#70
Pentachlorophenol
Concen: 68.812 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	313387		
268	63.6	51.2	76.8	
264	62.8	51.1	76.7	



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





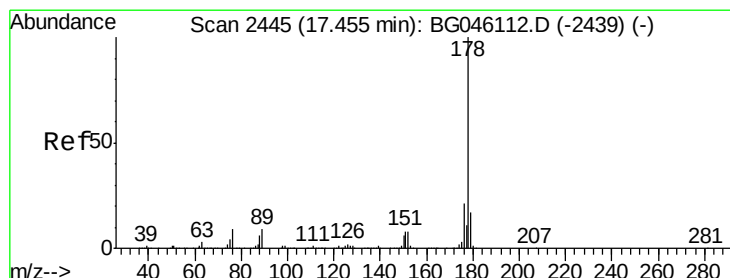
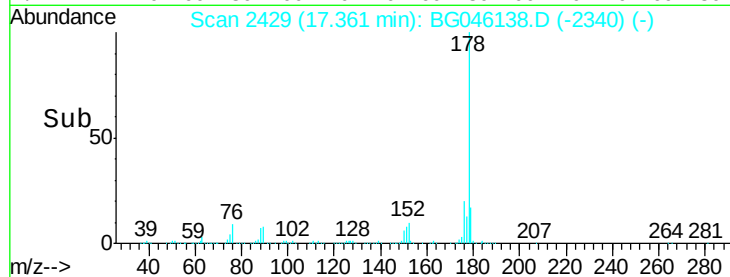
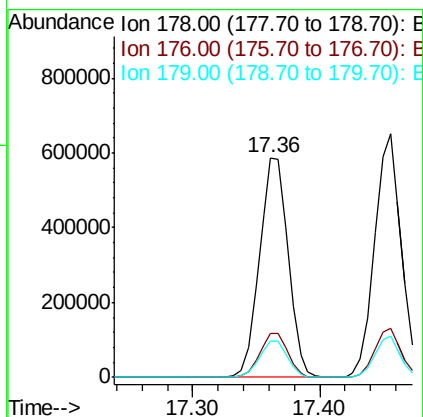
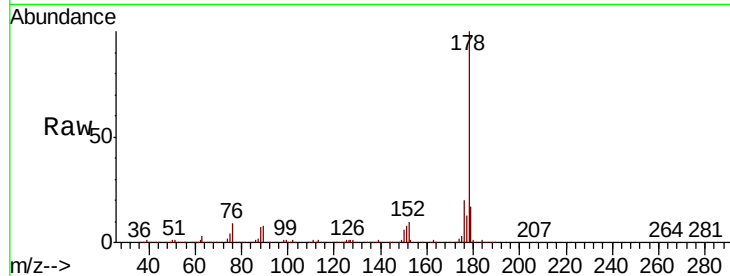
#71
Phenanthrene
Concen: 33.366 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.3	25.9
179	16.6	13.8	20.6

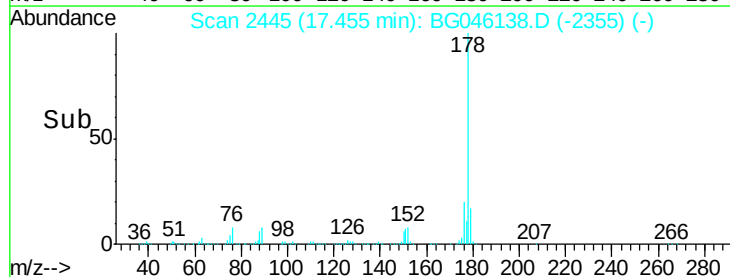
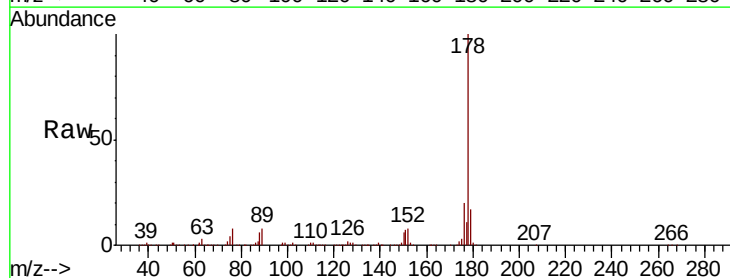
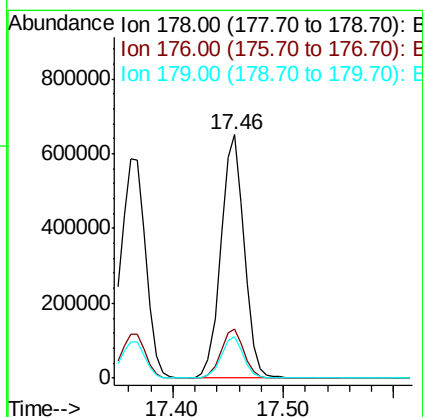
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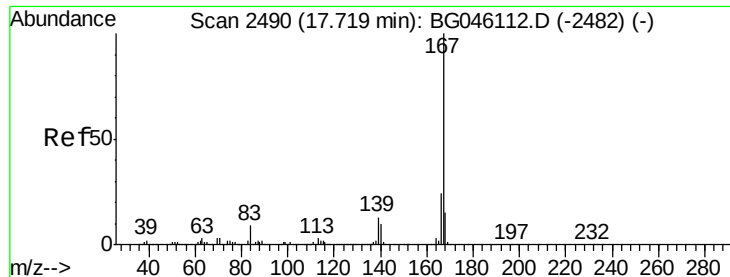
mohammad
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#72
Anthracene
Concen: 34.391 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	24.8
179	16.8	13.4	20.2





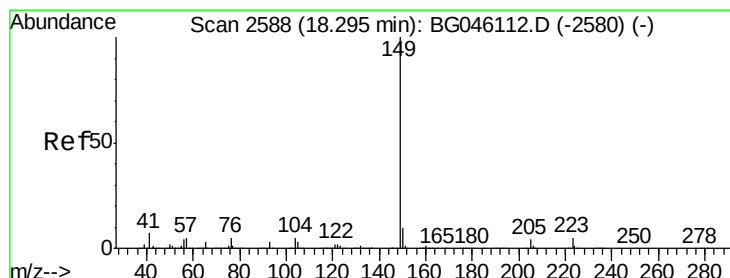
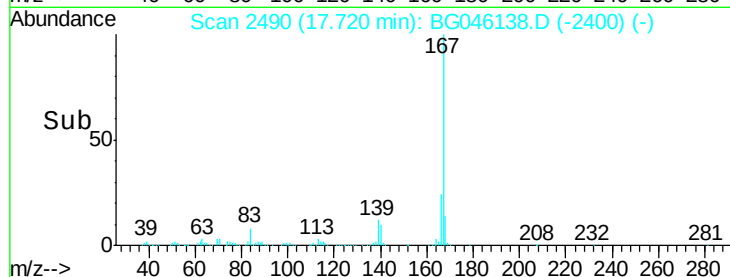
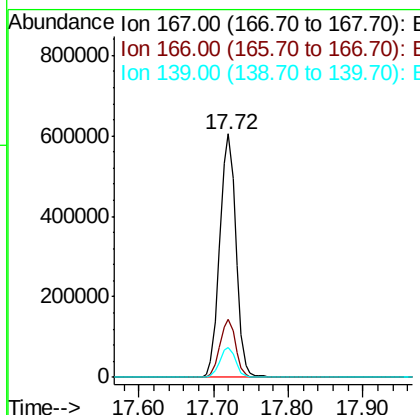
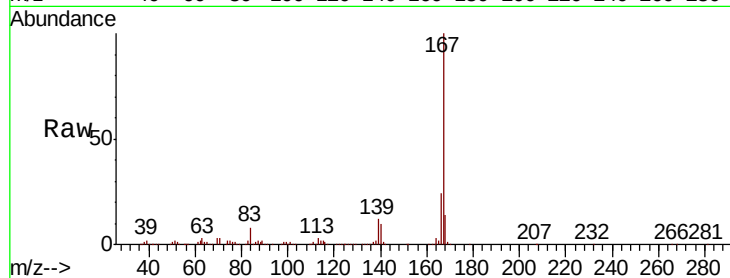
#73
 Carbazole
 Concen: 34.409 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.4	29.0
139	12.5	10.1	15.1

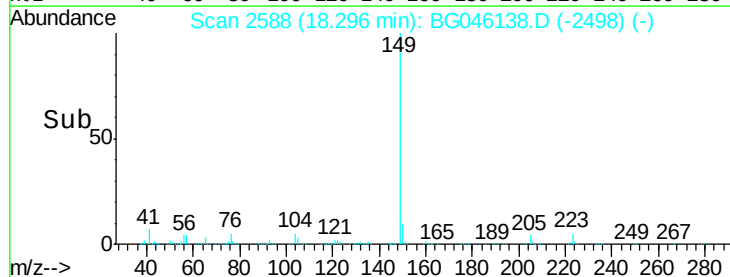
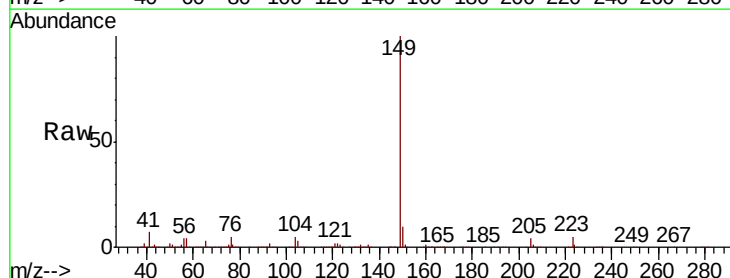
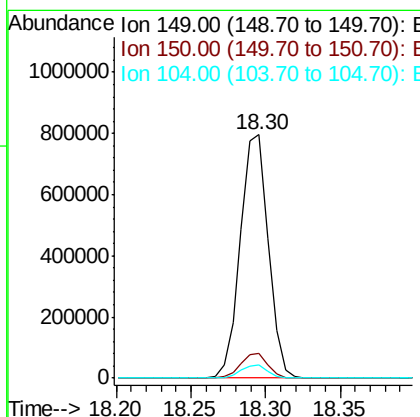
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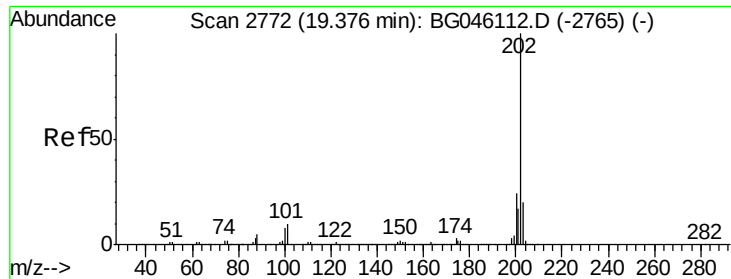
mohammad
 8/3/2020 12:22:25 PM



#74
 Di-n-butylphthalate
 Concen: 37.254 ng
 RT: 18.30 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.4	12.6
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 35.609 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

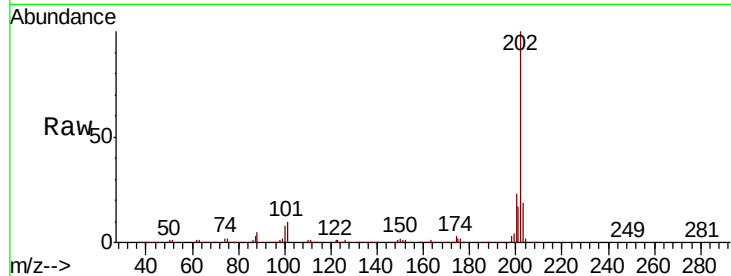
ClientSampleId :

PB130658BS

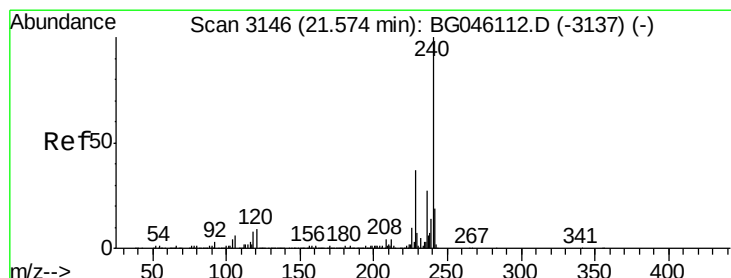
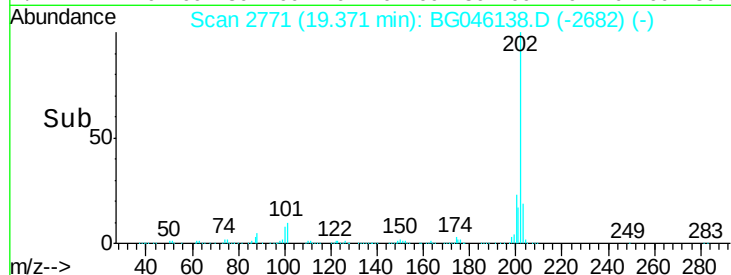
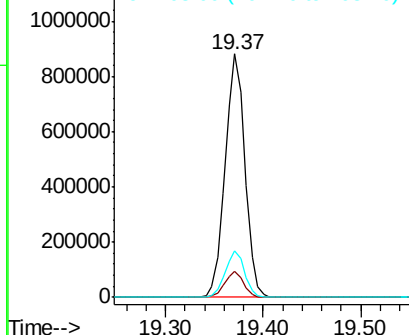
Tot Ion:	202	Resp:	1233902
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.0
203	19.3	0.2	40.2

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
1000000
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

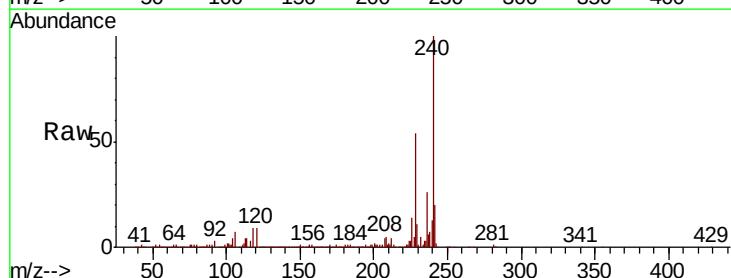
RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

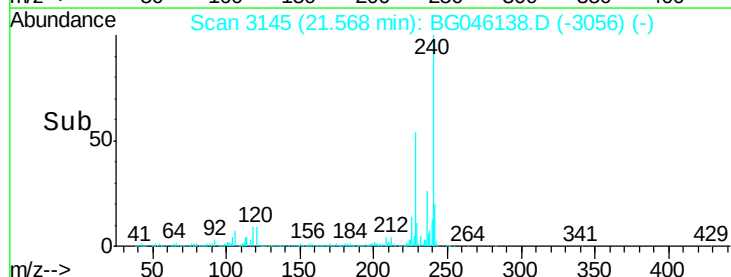
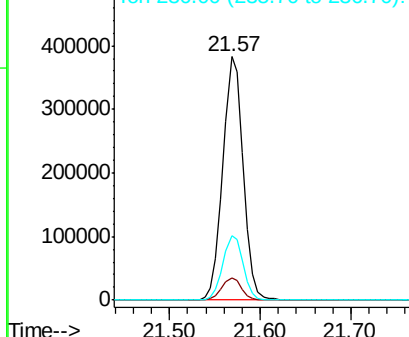
Lab File: BG046138.D

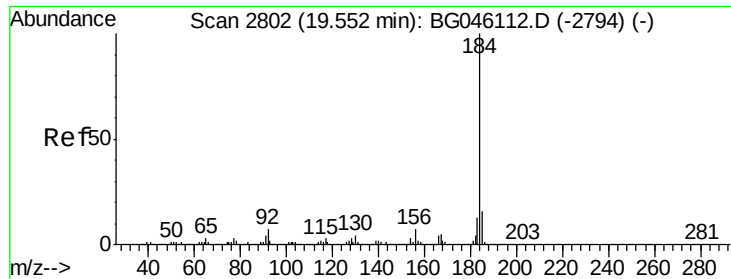
Acq: 1 Aug 2020 00:53

Tgt Ion:	240	Resp:	593150
Ion Ratio	Lower	Upper	
240	100		
120	9.3	7.1	10.7
236	26.3	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
500000
Ion 120.00 (119.70 to 120.70): E
400000
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.697 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

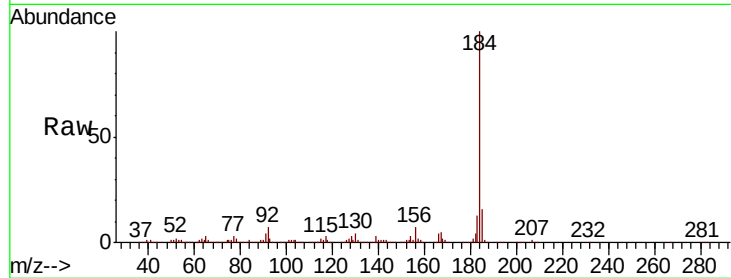
ClientSampleId :

PB130658BS

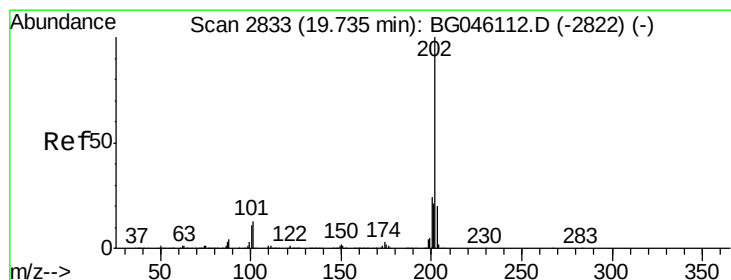
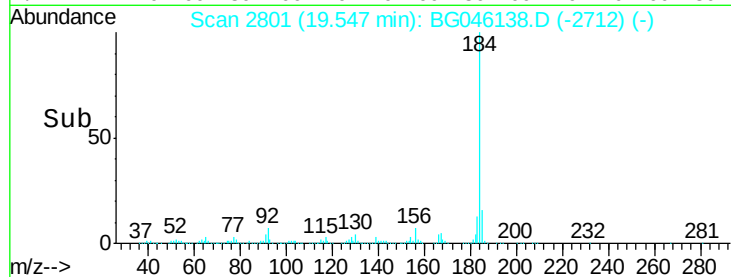
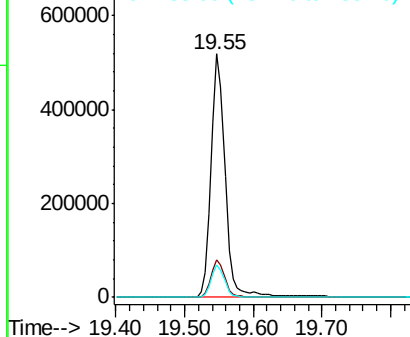
Tot Ion:	184	Resp:	750974
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.0	19.4
183	13.4	10.5	15.7

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



#78

Pyrene

Concen: 31.405 ng

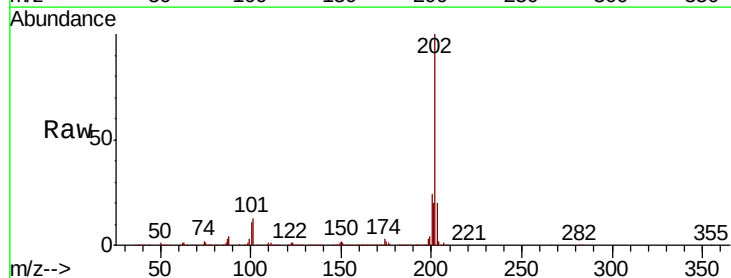
RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

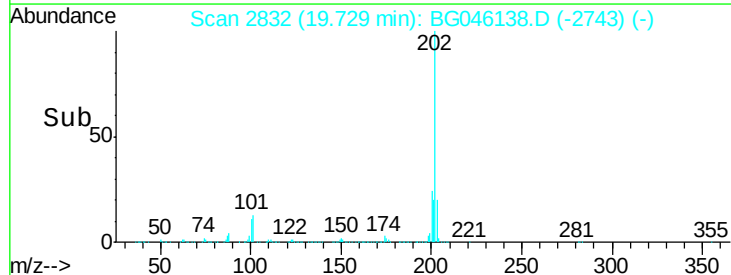
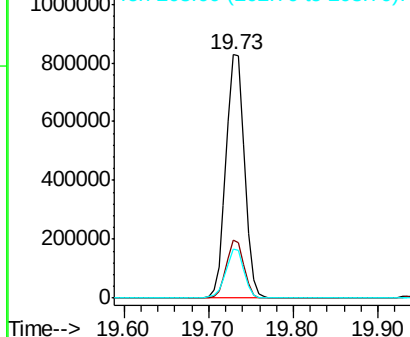
Lab File: BG046138.D

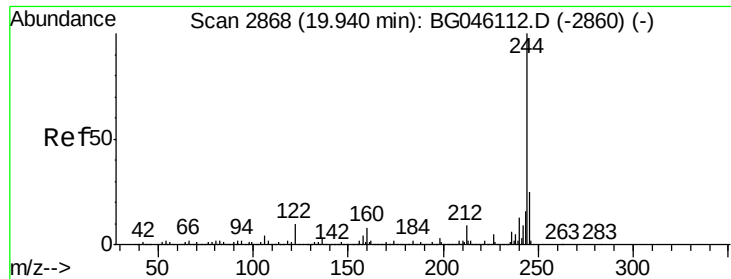
Acq: 1 Aug 2020 00:53

Tgt Ion:	202	Resp:	1251629
Ion Ratio	Lower	Upper	
202	100		
200	23.9	19.5	29.3
203	20.0	16.2	24.2



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





#79

Terphenyl-d14

Concen: 76.702 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

Tot Ion:244 Resp: 2233879

Ion Ratio Lower Upper

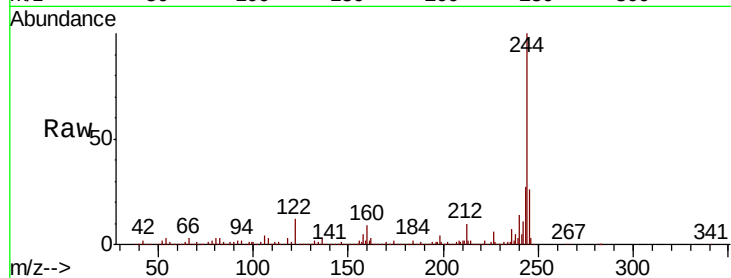
244 100

212 9.8 7.2 10.8

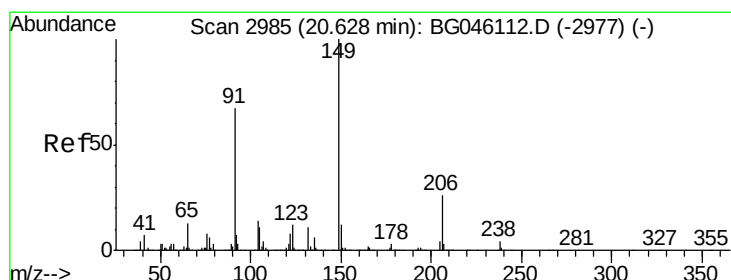
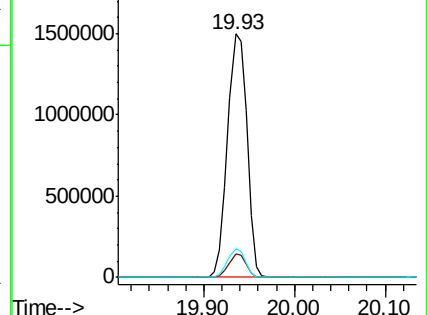
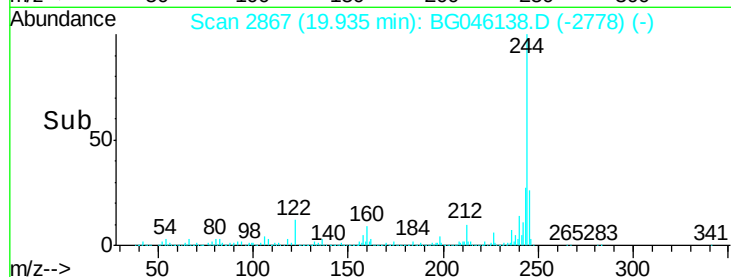
122 11.8 8.3 12.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.289 ng

RT: 20.63 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

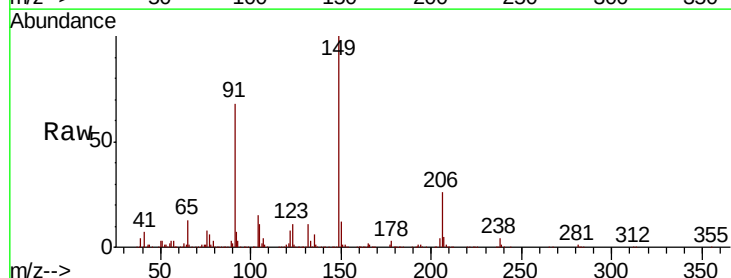
Tgt Ion:149 Resp: 523905

Ion Ratio Lower Upper

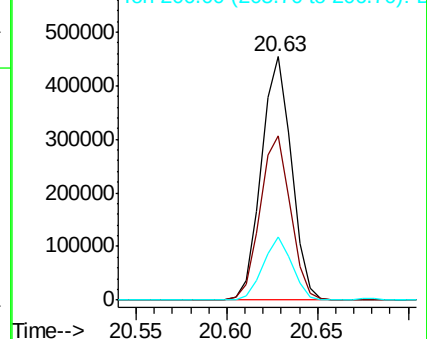
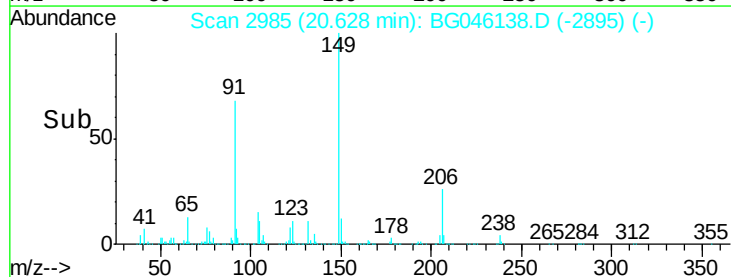
149 100

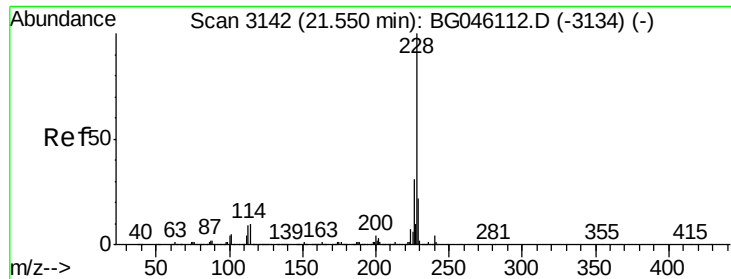
91 67.7 53.8 80.8

206 26.2 20.4 30.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





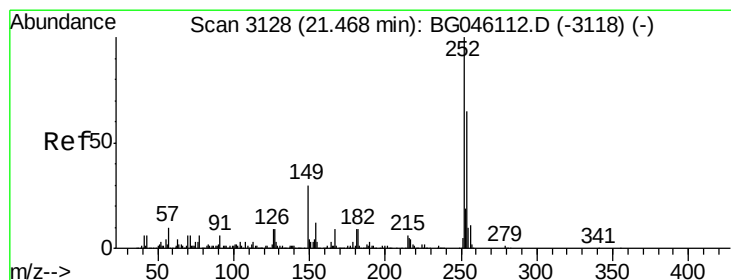
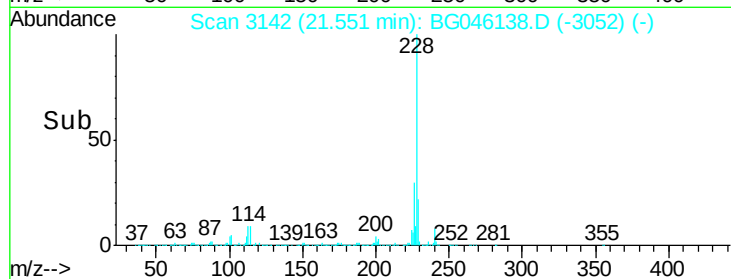
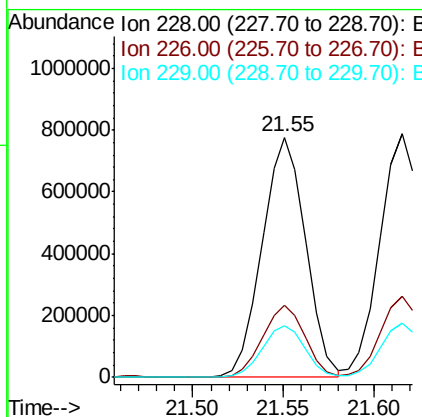
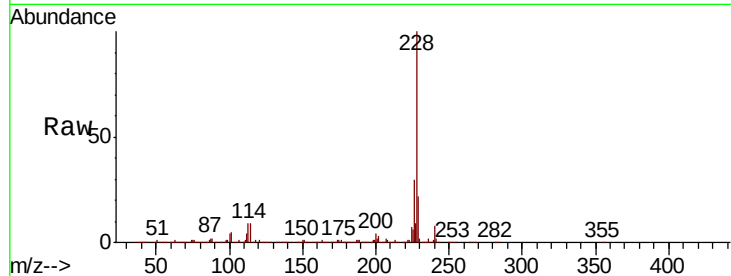
#81
Benzo(a)anthracene
Concen: 32.697 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampled :
PB130658BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	21.7	17.8	26.8

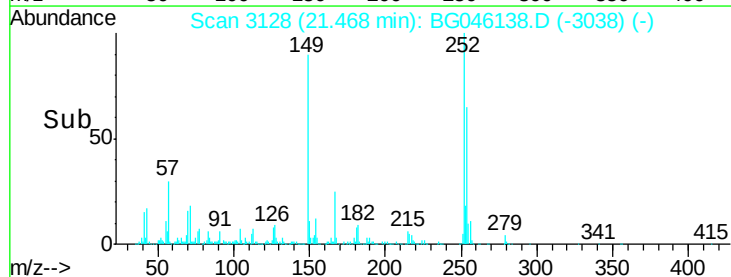
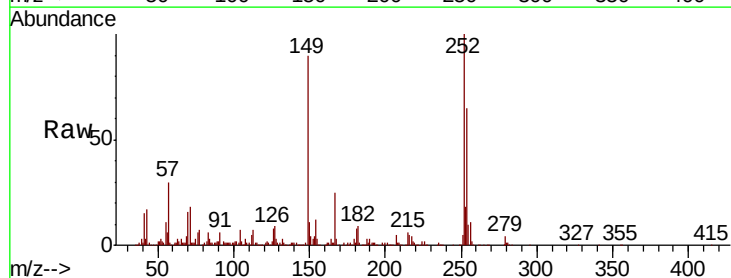
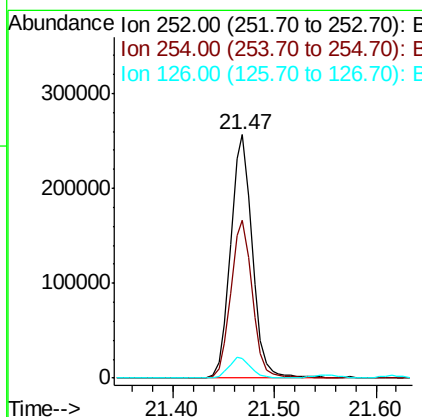
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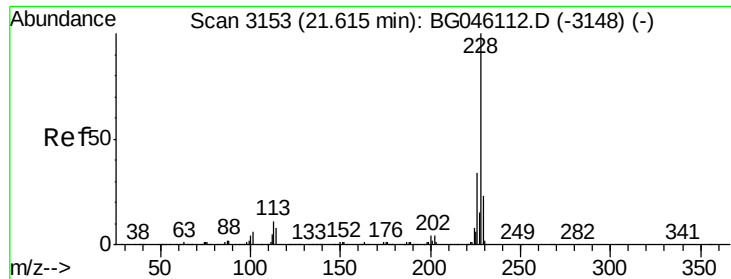
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 23.133 ng
RT: 21.47 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.8
126	8.1	7.1	10.7





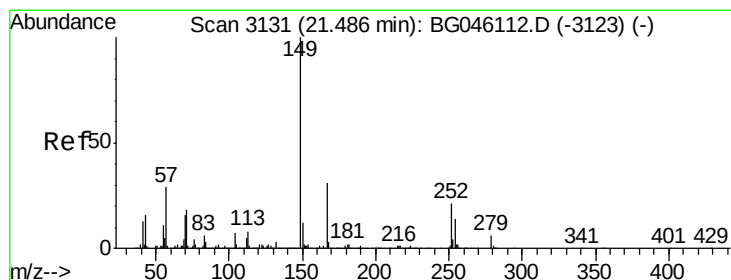
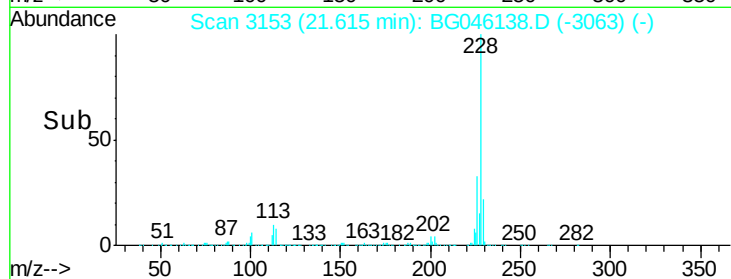
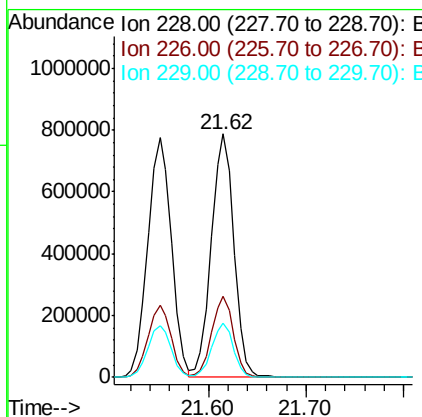
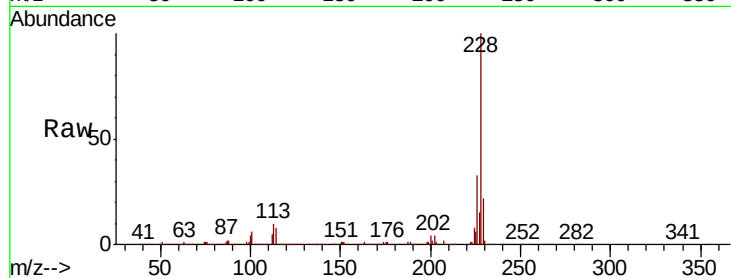
#83
Chrysene
Concen: 32.340 ng
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.9	40.3
229	22.0	18.2	27.4

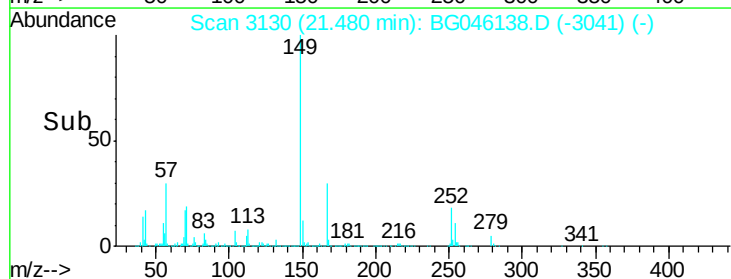
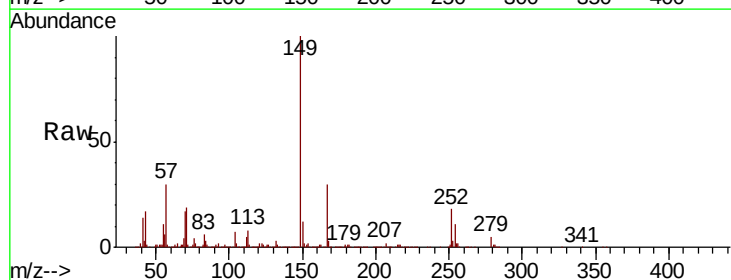
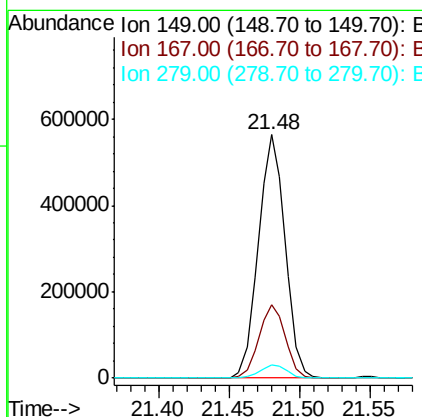
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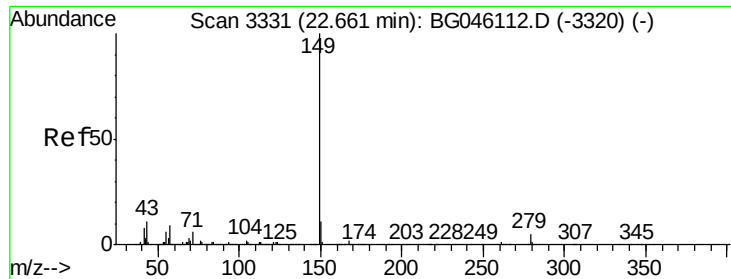
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.439 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.8	37.2
279	5.4	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 36.624 ng

RT: 22.66 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

Tot Ion:149 Resp: 1279912

Ion Ratio Lower Upper

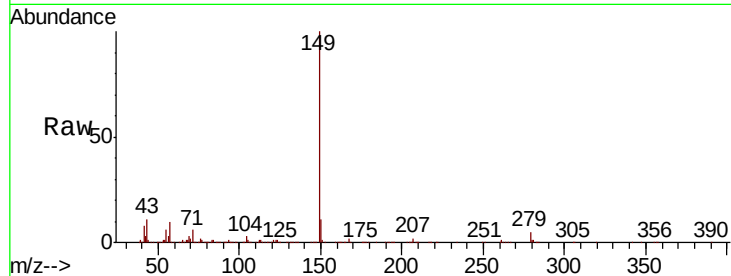
149 100

167 1.8 1.4 2.2

43 10.8 7.8 11.8

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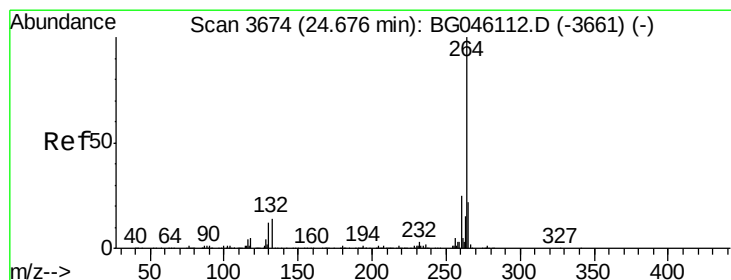
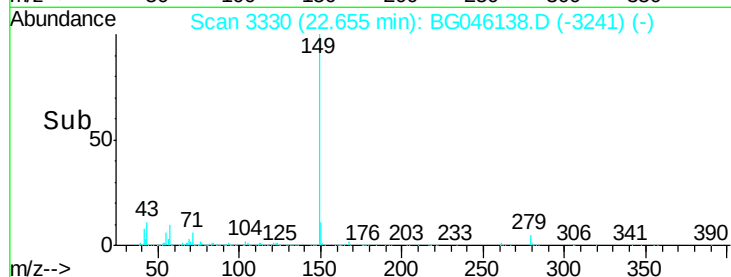
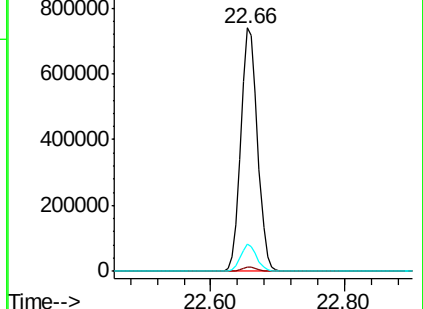
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

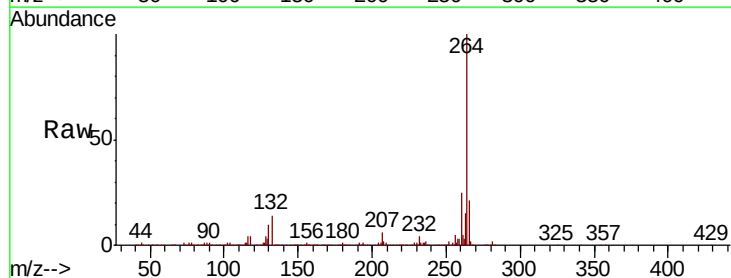
Tgt Ion:264 Resp: 638582

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

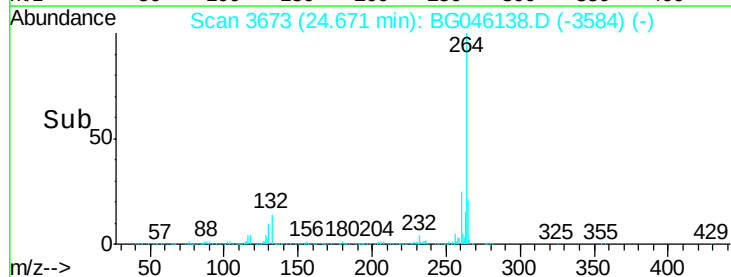
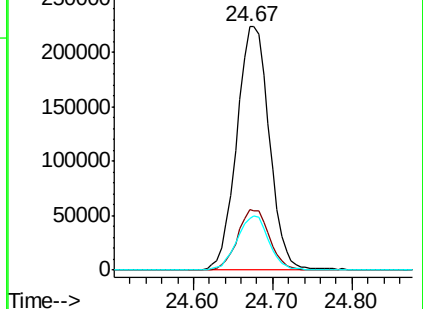
265 21.1 17.6 26.4

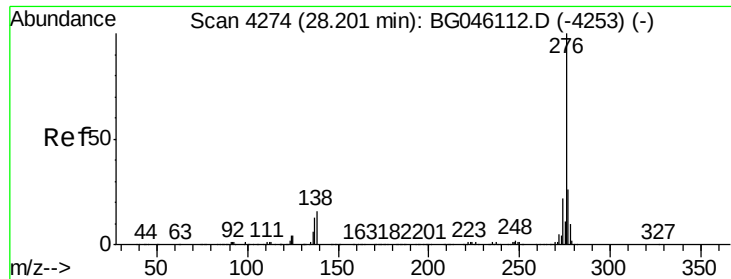


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





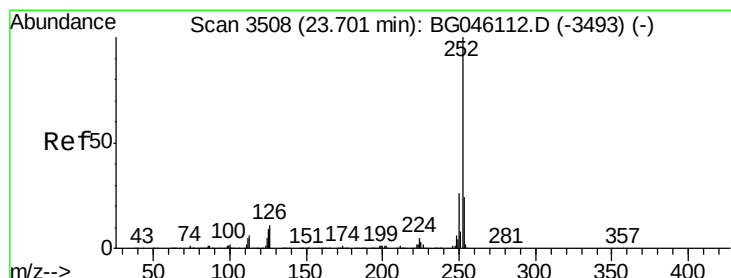
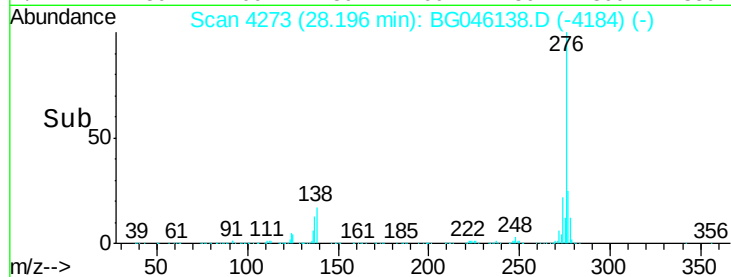
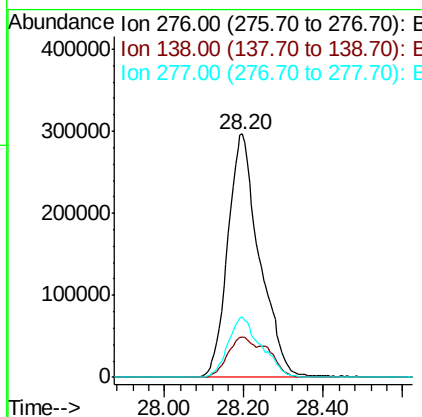
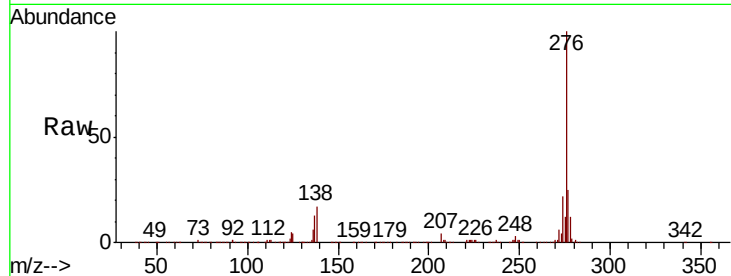
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.886 ng
 RT: 28.20 min Scan# 4273
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	11.6	17.4
277	25.9	20.8	31.2

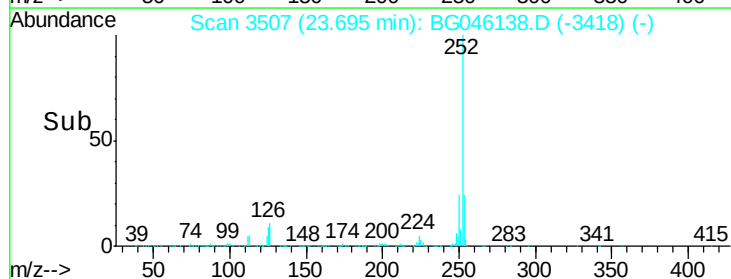
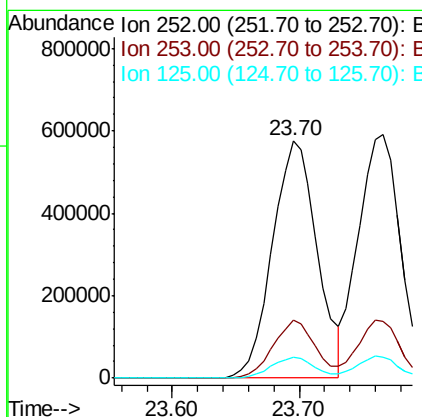
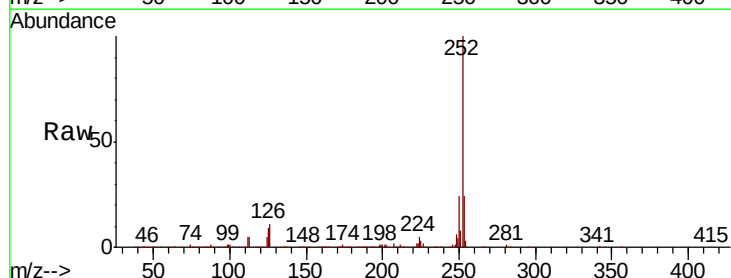
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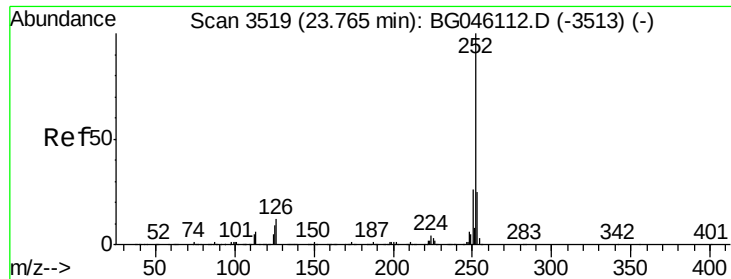
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#88
 Benzo(b)fluoranthene
 Concen: 33.059 ng
 RT: 23.70 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	8.8	7.2	10.8





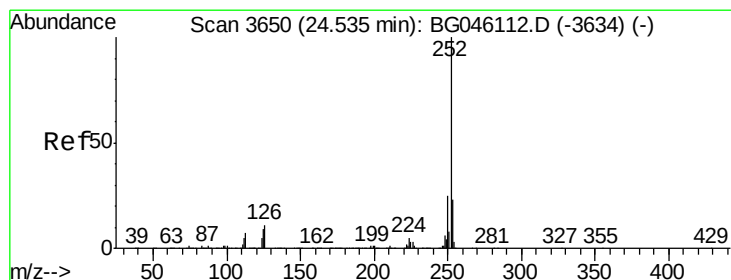
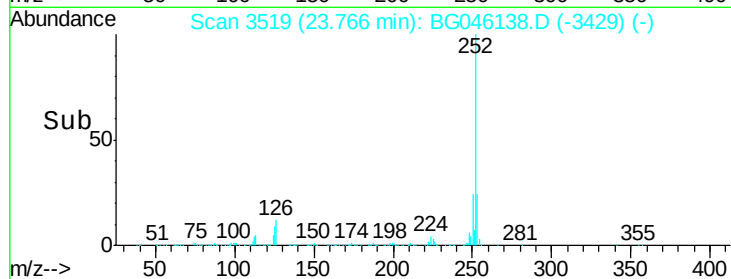
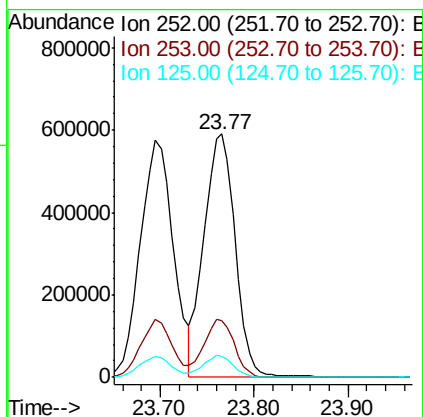
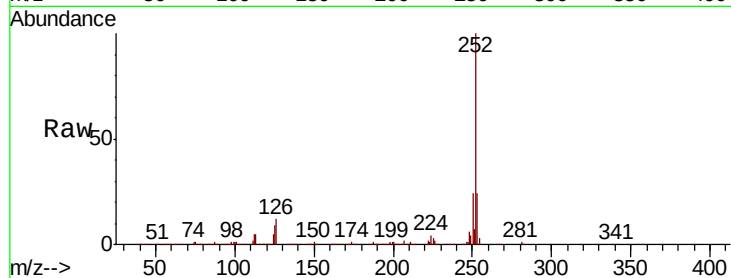
#89
Benzo(k)fluoranthene
Concen: 32.531 ng
RT: 23.77 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.5	29.3
125	8.7	7.3	10.9

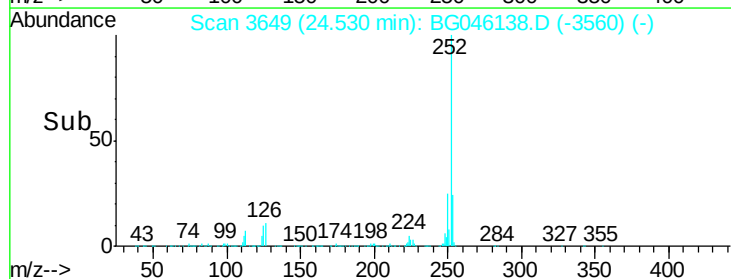
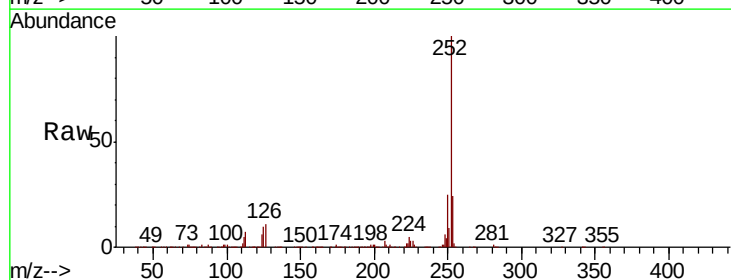
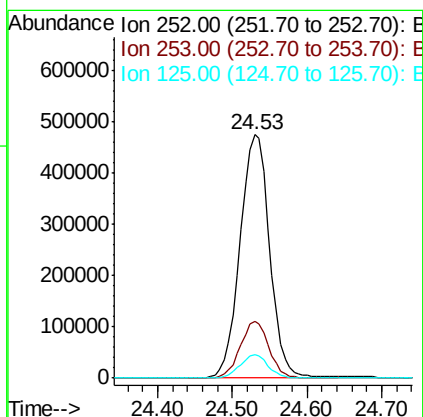
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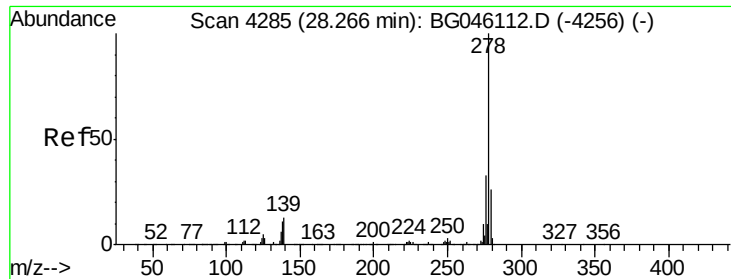
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#90
Benzo(a)pyrene
Concen: 32.760 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	9.6	7.1	10.7





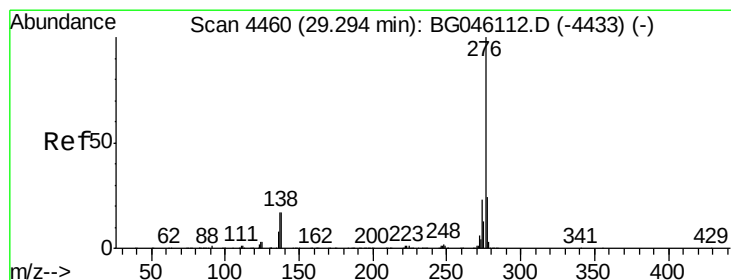
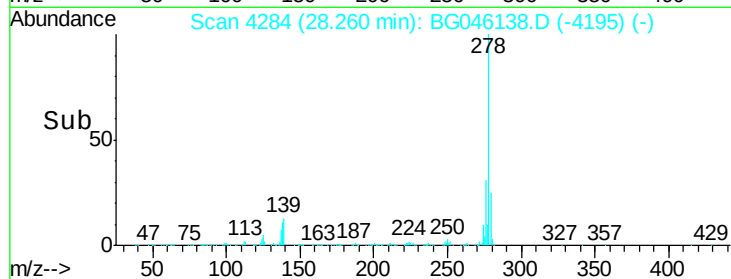
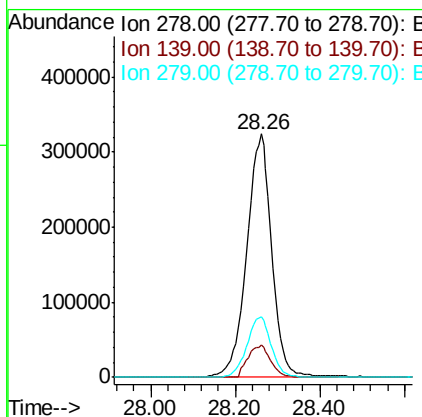
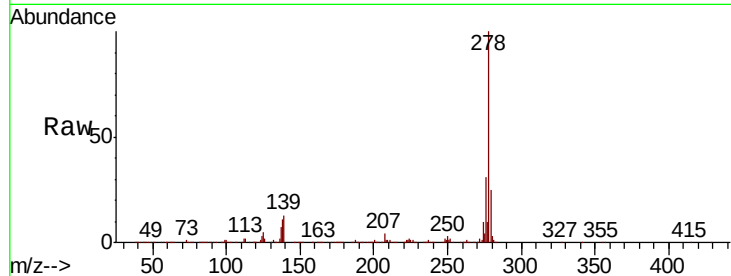
#91
Dibenzo(a,h)anthracene
Concen: 32.969 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.8	16.2
279	25.0	20.5	30.7

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#92
Benzo(g,h,i)perylene
Concen: 33.713 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	18.1	13.8	20.6

