

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046140.D
 Acq On : 1 Aug 2020 2:14
 Operator : CG/JU
 Sample : L3507-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Manual Integrations
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mohammad
 8/3/2020 12:22:29 PM

Quant Time: Aug 01 04:53:10 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	87963	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	346842	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	226634	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	560453	20.00	ng	0.00
76) Chrysene-d12	21.57	240	584141	20.00	ng	0.00
86) Perylene-d12	24.68	264	625610	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	560624	110.79	ng	0.00
7) Phenol-d6	7.12	99	680009	98.61	ng	0.00
23) Nitrobenzene-d5	9.11	82	521149	81.35	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	414612	119.11	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1163230	74.56	ng	0.00
79) Terphenyl-d14	19.93	244	2041460	71.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	82236	35.706	ng	# 31
3) Pyridine	3.85	79	150219	23.693	ng	98
4) n-Nitrosodimethylamine	3.75	42	117228	43.443	ng	93
6) Aniline	7.28	93	213958	26.064	ng	97
8) 2-Chlorophenol	7.52	128	258509	46.222	ng	97
9) Benzaldehyde	7.09	77	167162	40.849	ng	93
10) Phenol	7.15	94	287997	41.564	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	254632	46.201	ng	99
12) 1,3-Dichlorobenzene	7.84	146	281789	41.568	ng	98
13) 1,4-Dichlorobenzene	7.99	146	282973	41.570	ng	99
14) 1,2-Dichlorobenzene	8.31	146	273255	42.563	ng	98
15) Benzyl Alcohol	8.19	79	237689	49.890	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	438025	48.477	ng	99
17) 2-Methylphenol	8.40	107	226978	48.523	ng	99
18) Hexachloroethane	9.04	117	100172	44.000	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	209431	46.663	ng	96
20) 3+4-Methylphenols	8.72	107	304865	47.615	ng	99
22) Acetophenone	8.77	105	394134	44.279	ng	# 99
24) Nitrobenzene	9.15	77	297002	43.485	ng	97
25) Isophorone	9.68	82	564150	44.258	ng	100
26) 2-Nitrophenol	9.86	139	148551	47.990	ng	94
27) 2,4-Dimethylphenol	9.93	122	248238	49.291	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	340605	49.142	ng	99
29) 2,4-Dichlorophenol	10.40	162	271481	45.826	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	287970	41.494	ng	99
31) Naphthalene	10.80	128	789838	43.038	ng	99
32) Benzoic acid	10.07	122	140857	39.996	ng	94
33) 4-Chloroaniline	10.90	127	64780	8.638	ng	98
34) Hexachlorobutadiene	11.10	225	184624	39.963	ng	97
35) Caprolactam	11.67	113	83552m	43.090	ng	
36) 4-Chloro-3-methylphenol	12.03	107	282007	48.508	ng	99
37) 2-Methylnaphthalene	12.41	142	607199	42.999	ng	97
38) 1-Methylnaphthalene	12.63	142	583491	43.665	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	340281	41.672	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	448468	95.750	nq	97
43) 2,4,6-Trichlorophenol	13.01	196	242822	46.610	nq	96
44) 2,4,5-Trichlorophenol	13.08	196	265452	46.699	nq	97
46) 1,1'-Biphenyl	13.41	154	787694	44.306	nq	98
47) 2-Chloronaphthalene	13.45	162	613757	43.279	nq	98
48) 2-Nitroaniline	13.65	65	194679	52.372	nq	98
49) Acenaphthylene	14.30	152	996218	45.239	nq	99
50) Dimethylphthalate	14.04	163	827578	47.577	nq	100
51) 2,6-Dinitrotoluene	14.15	165	189570	46.828	nq	97
52) Acenaphthene	14.65	154	719641m	49.516	nq	
53) 3-Nitroaniline	14.48	138	118159	29.441	nq	99
54) 2,4-Dinitrophenol	14.68	184	223421	86.482	nq	89
55) Dibenzofuran	14.98	168	956551	43.618	nq	98
56) 4-Nitrophenol	14.79	139	325614	93.448	nq	93
57) 2,4-Dinitrotoluene	14.93	165	269811	48.475	nq	98
58) Fluorene	15.63	166	789999	44.482	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	262294	48.989	nq	99
60) Diethylphthalate	15.40	149	837089	48.920	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	422665	45.566	nq	98
62) 4-Nitroaniline	15.64	138	193517	47.943	nq	93
63) Azobenzene	15.92	77	754772	47.066	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	170314	45.949	nq	98
66) n-Nitrosodiphenylamine	15.83	169	738412	43.526	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	303305	43.805	nq	100
68) Hexachlorobenzene	16.64	284	330867	42.616	nq	99
69) Atrazine	16.79	200	273138	41.811	nq	99
70) Pentachlorophenol	16.97	266	471407	93.578	nq	99
71) Phenanthrene	17.37	178	1334742	43.476	nq	99
72) Anthracene	17.46	178	1367894	44.794	nq	98
73) Carbazole	17.72	167	1308644	44.442	nq	99
74) Di-n-butylphthalate	18.30	149	1489185	48.383	nq	98
75) Fluoranthene	19.37	202	1714800	44.740	nq	98
77) Benzidine	19.55	184	173520	10.487	nq	99
78) Pyrene	19.73	202	1719540	43.811	nq	98
80) Butylbenzylphthalate	20.63	149	716084	50.366	nq	100
81) Benzo(a)anthracene	21.55	228	1716078	43.899	nq	98
82) 3,3'-Dichlorobenzidine	21.47	252	472397	29.101	nq	97
83) Chrysene	21.62	228	1627744	42.507	nq	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	989268	48.669	nq	99
85) Di-n-octyl phthalate	22.66	149	1699726	49.387	nq	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2206839	46.253	nq	# 94
88) Benzo(b)fluoranthene	23.70	252	1847018	44.057	nq	99
89) Benzo(k)fluoranthene	23.77	252	1793304	43.611	nq	99
90) Benzo(a)pyrene	24.54	252	1708253	43.789	nq	99
91) Dibenzo(a,h)anthracene	28.27	278	1795460	45.015	nq	100
92) Benzo(g,h,i)perylene	29.31	276	1851082	45.953	nq	99

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

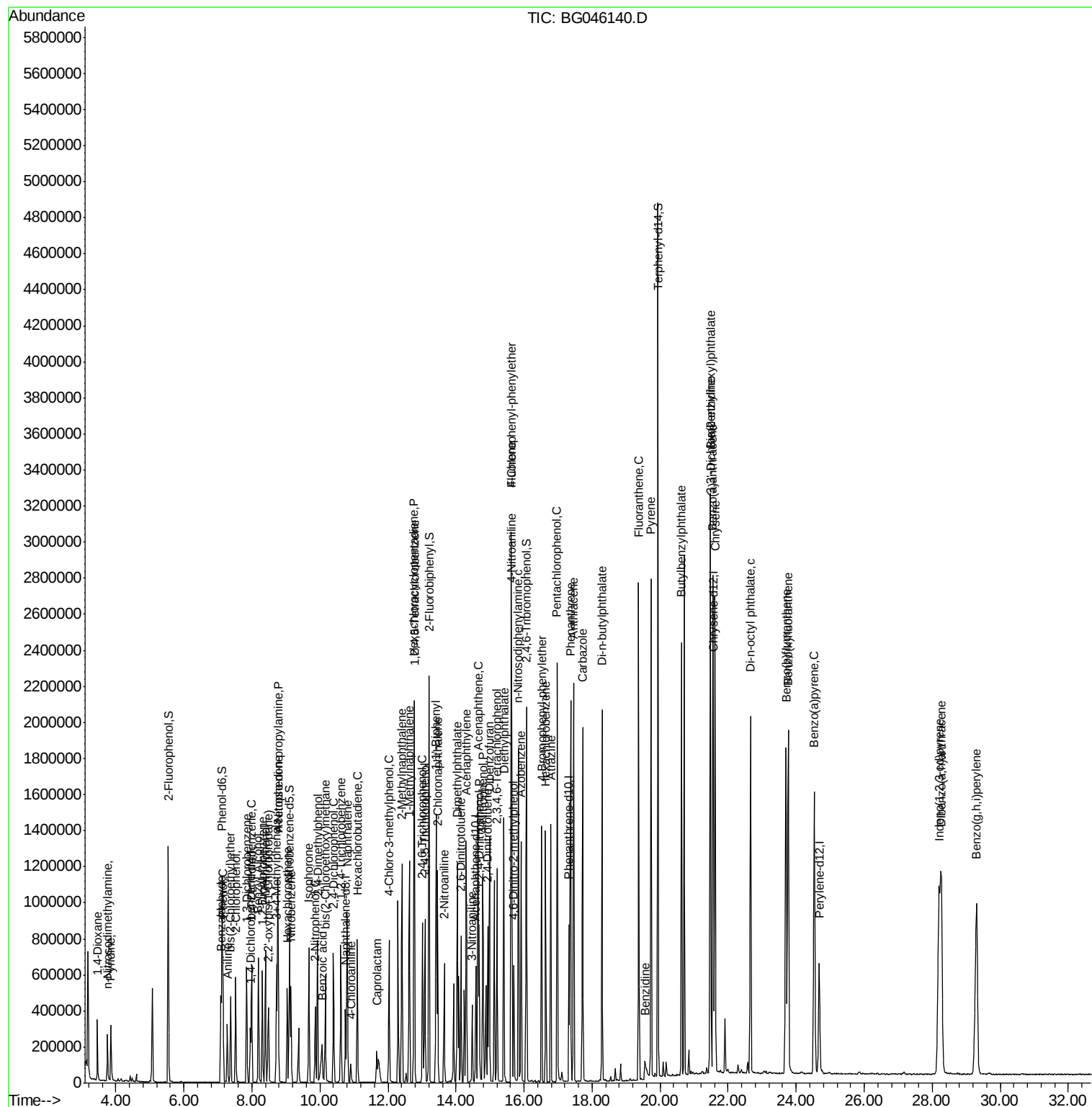
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
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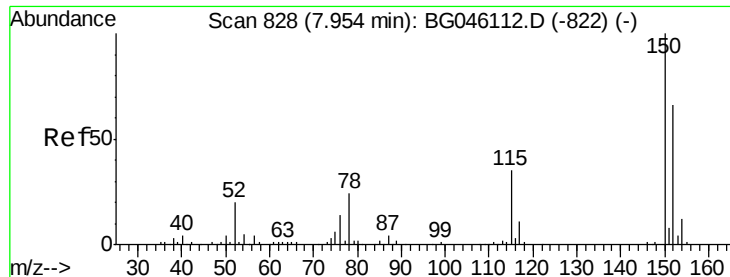
Instrument :
BNA_G
ClientSampleId :
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#1

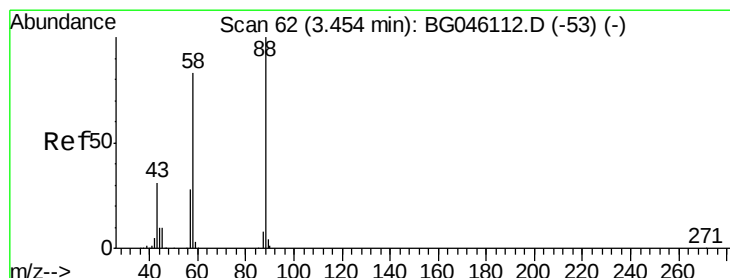
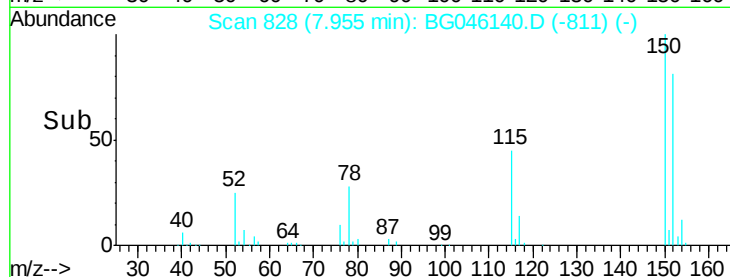
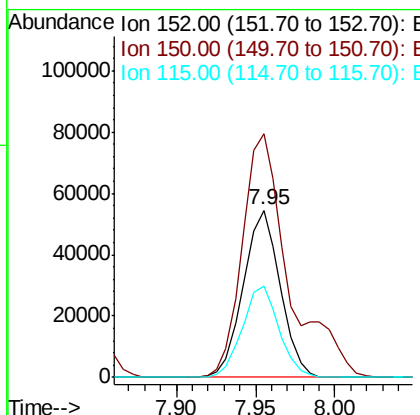
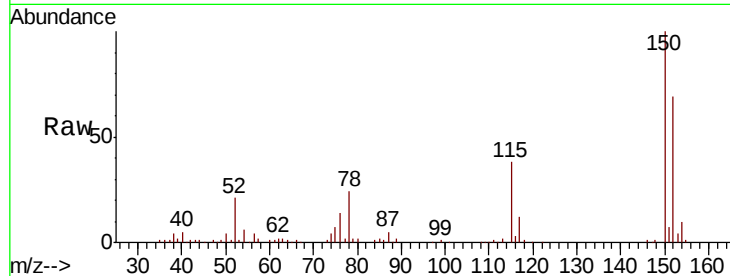
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	122.1	183.1
115	55.1	43.2	64.8

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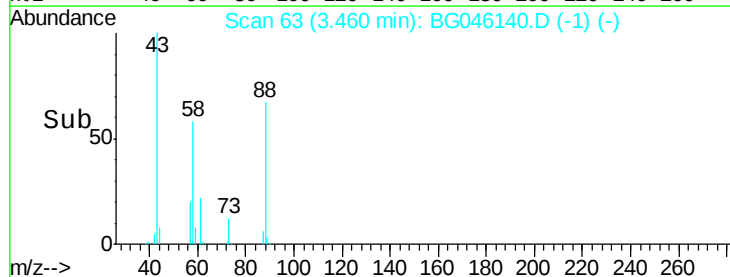
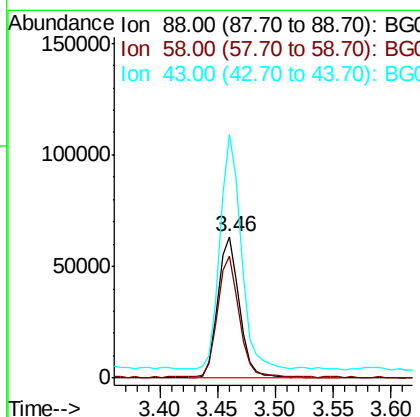
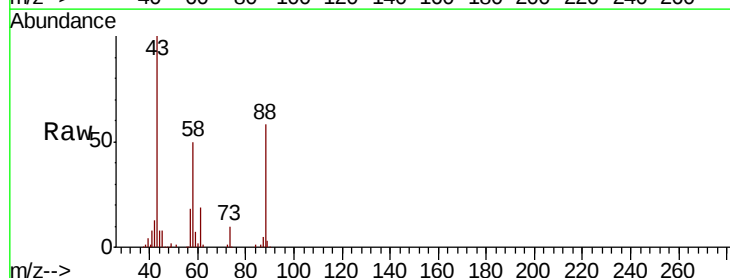
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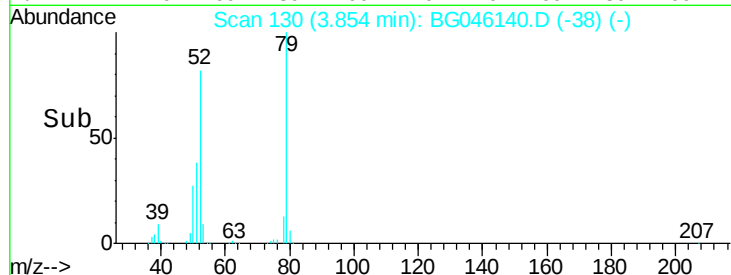
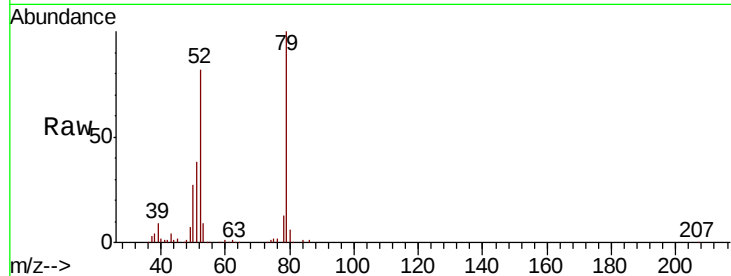
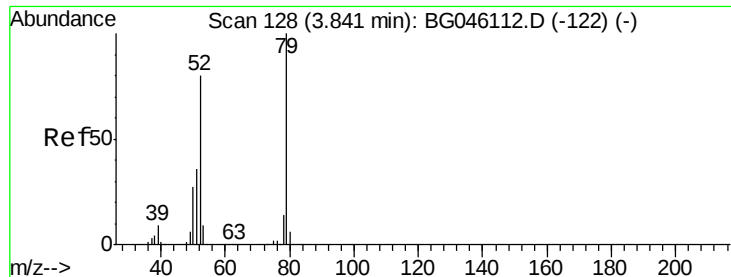


#2

1,4-Dioxane
Concen: 35.706 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	66.5	99.7
43	167.0	23.8	35.8#





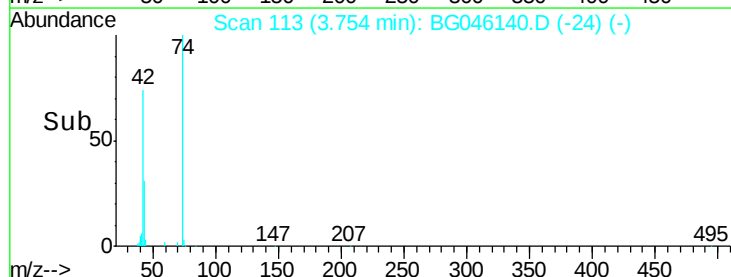
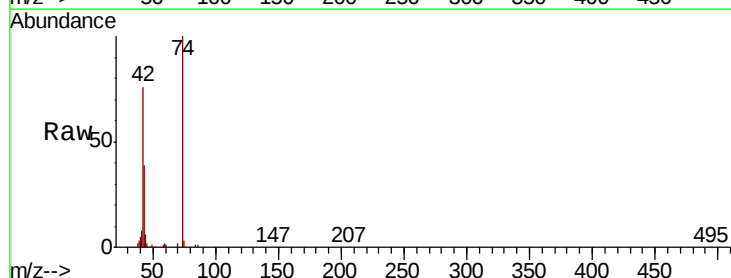
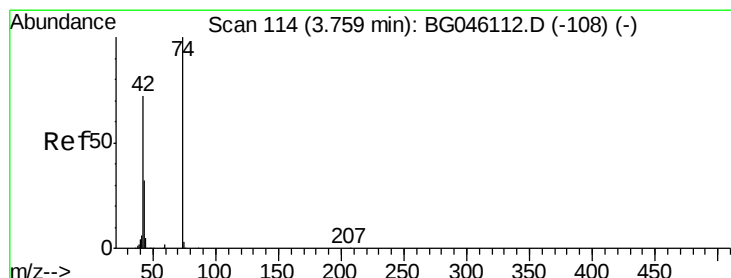
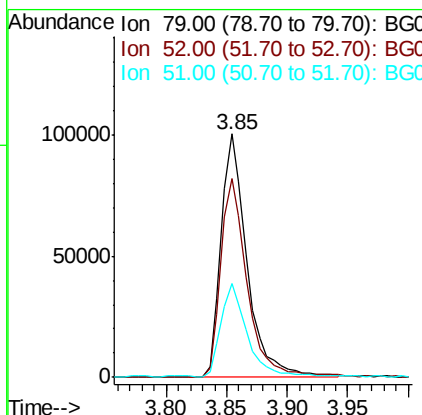
#3
Pvridine
Concen: 23.693 ng
RT: 3.85 min Scan# 130
Delta R.T. 0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	81.6	64.3	96.5	
51	38.4	29.8	44.6	

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

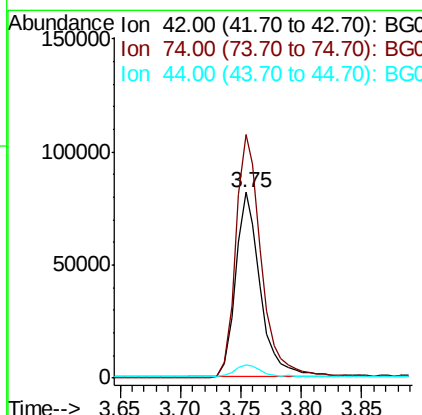
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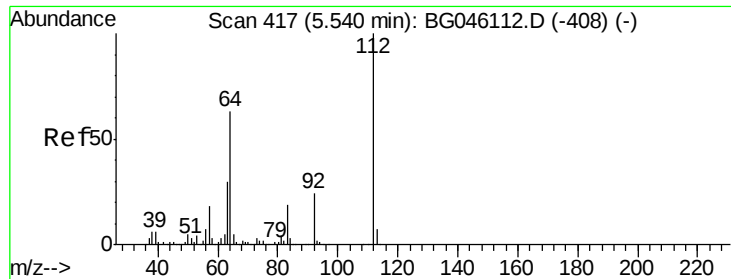
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#4
n-Nitrosodimethylamine
Concen: 43.443 ng
RT: 3.75 min Scan# 113
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	131.1	111.6	167.4	
44	7.2	5.7	8.5	





#5

2-Fluorophenol

Concen: 110.793 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

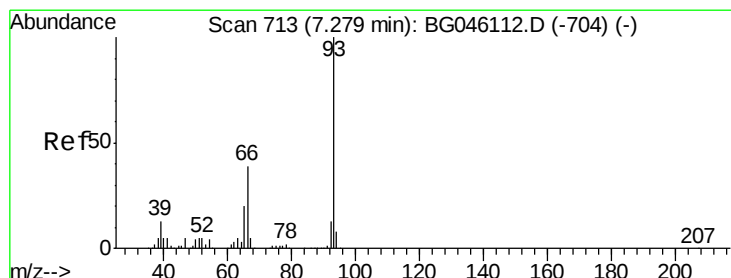
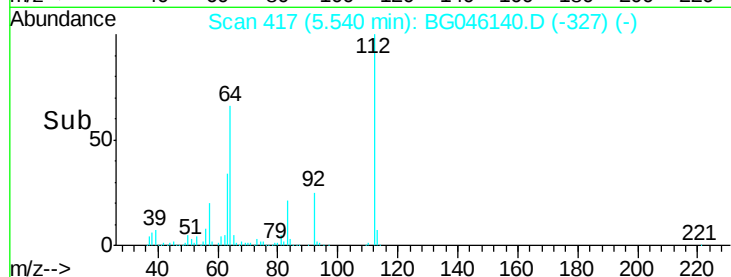
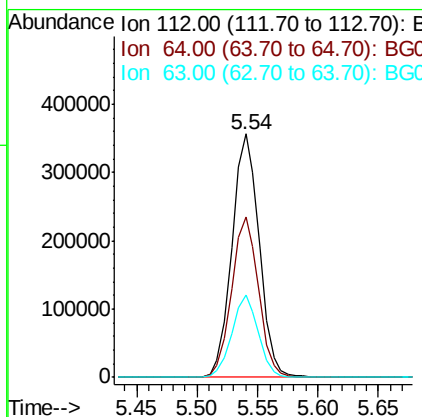
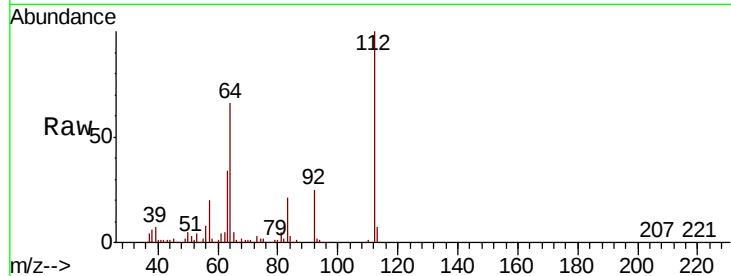
ClientSampleId :

SU-01-073020MS

Tot Ion:	112	Resp:	560624
Ion Ratio	Lower	Upper	
112	100		
64	65.8	50.2	75.2
63	33.6	24.2	36.4

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#6

Aniline

Concen: 26.064 ng

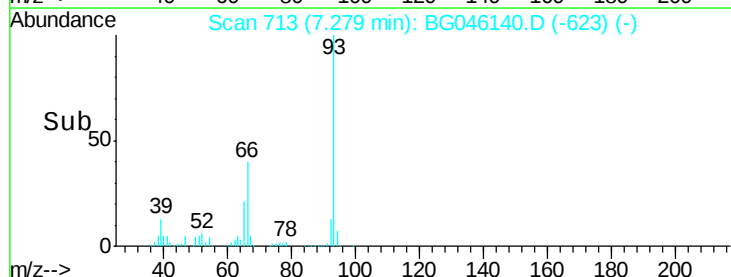
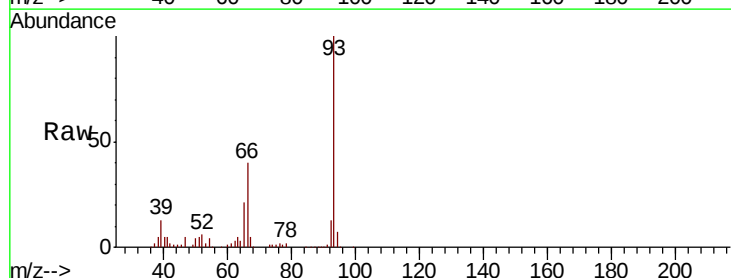
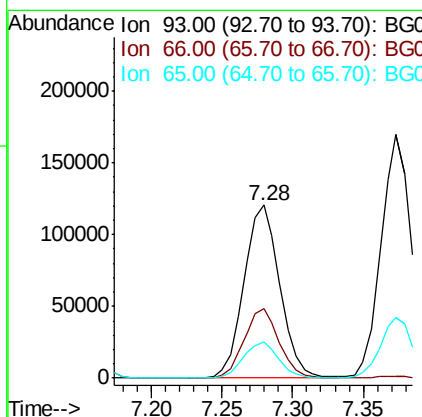
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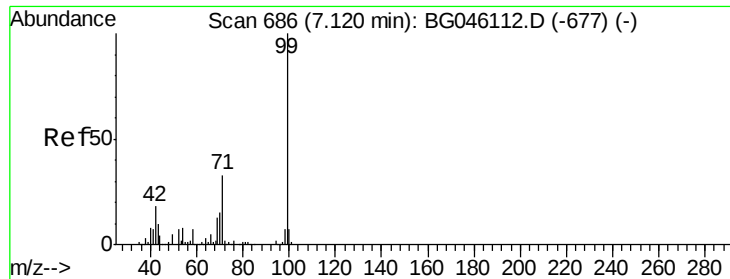
Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	93	Resp:	213958
Ion Ratio	Lower	Upper	
93	100		
66	40.4	31.0	46.4
65	20.8	15.9	23.9





#7

Phenol-d6

Concen: 98.606 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

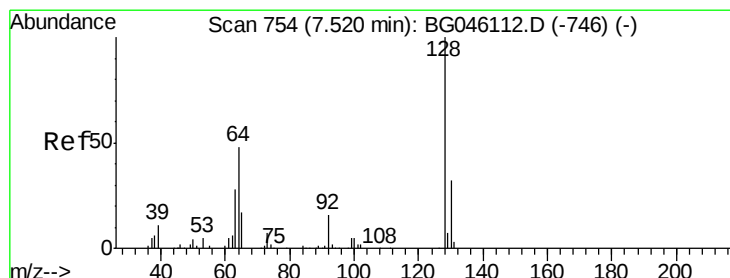
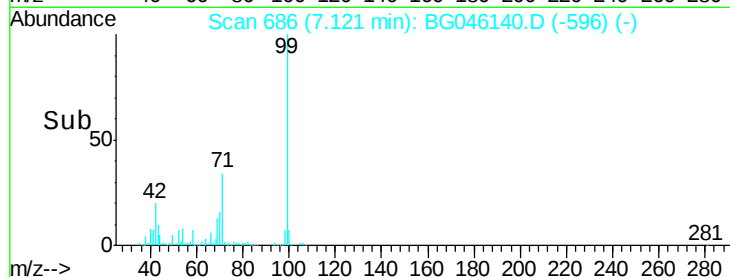
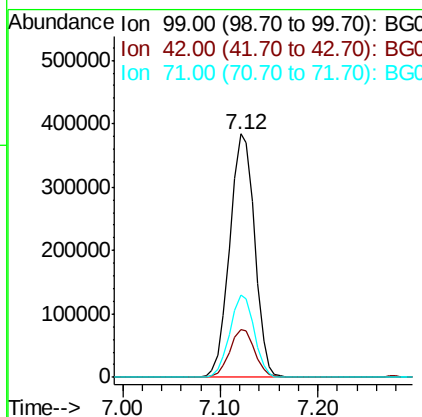
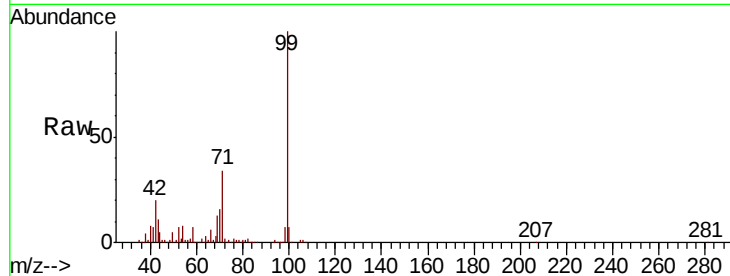
ClientSampleId :

SU-01-073020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		680009		
42	19.7	14.7	22.1		
71	33.8	26.5	39.7		

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#8

2-Chlorophenol

Concen: 46.222 ng

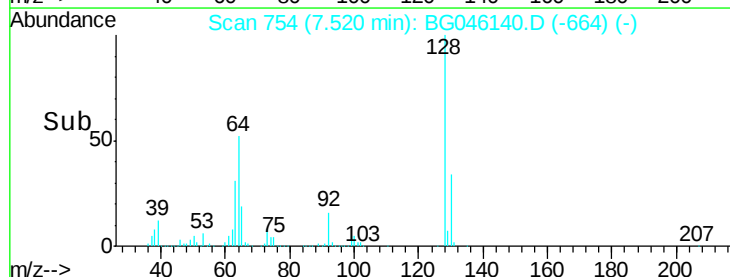
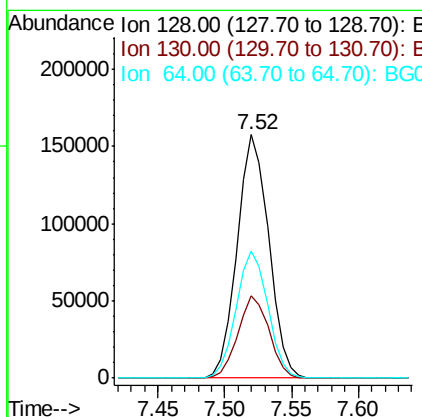
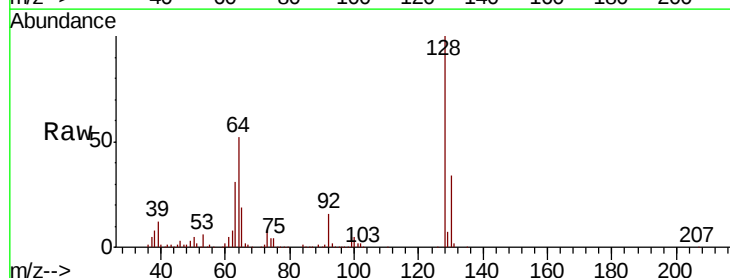
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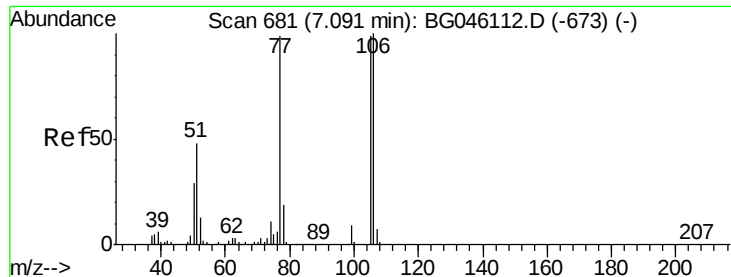
Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		258509		
130	33.7	11.6	51.6		
64	52.0	30.6	70.6		





#9

Benzaldehyde

Concen: 40.849 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

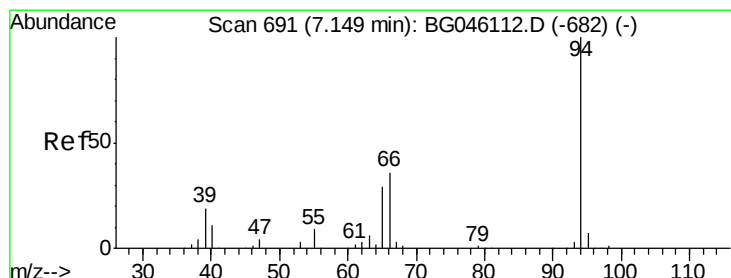
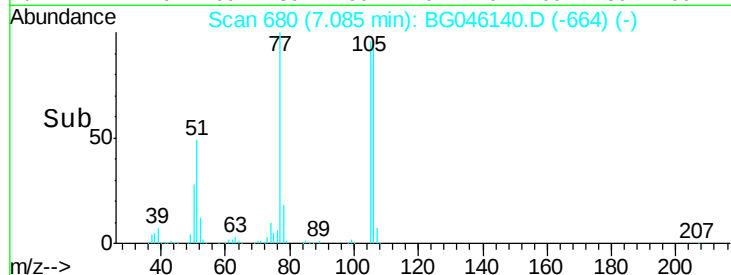
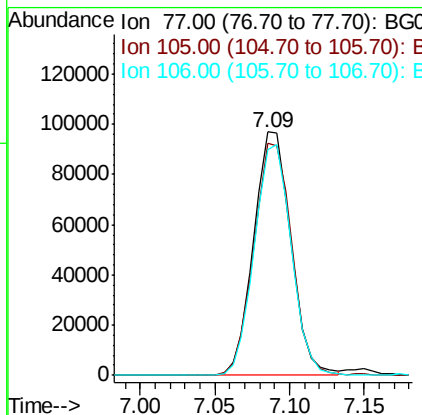
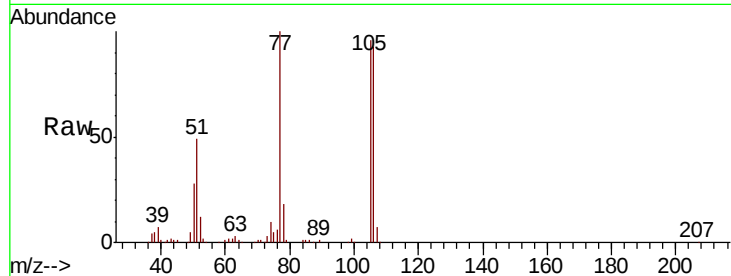
ClientSampleId :

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Tot Ion:	77	Resp:	167162
Ion Ratio	Lower	Upper	
77	100		
105	95.6	80.3	120.3
106	92.8	81.5	121.5

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#10

Phenol

Concen: 41.564 ng

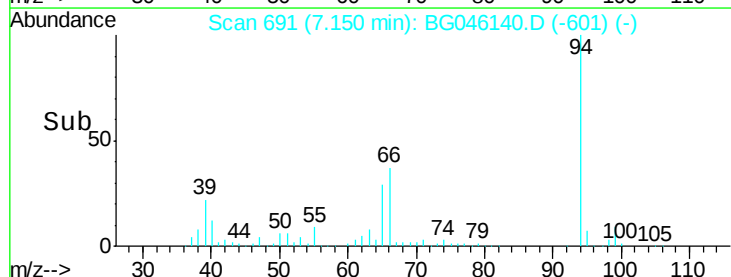
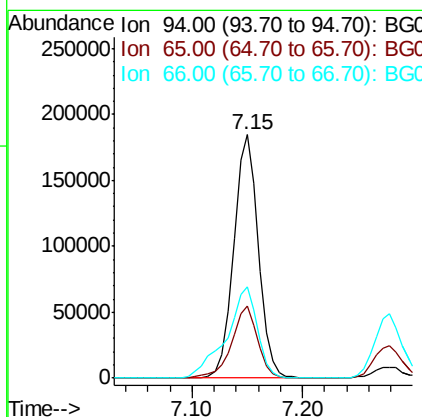
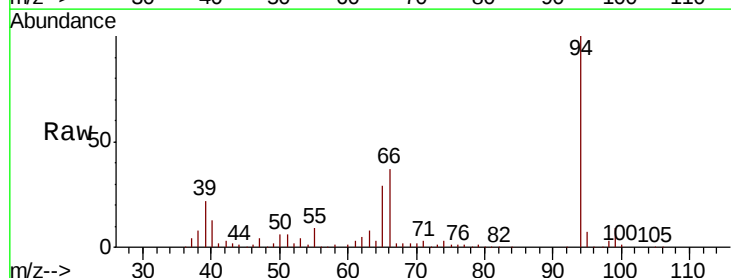
RT: 7.15 min Scan# 691

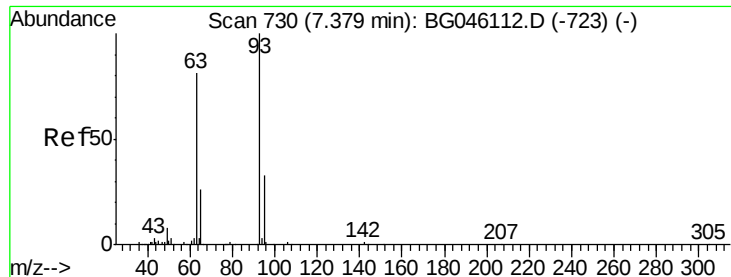
Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	94	Resp:	287997
Ion Ratio	Lower	Upper	
94	100		
65	29.4	9.6	49.6
66	37.4	16.3	56.3





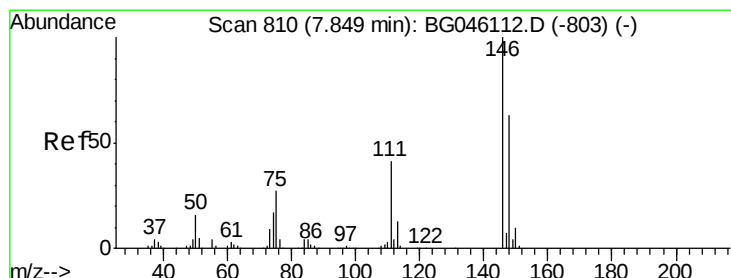
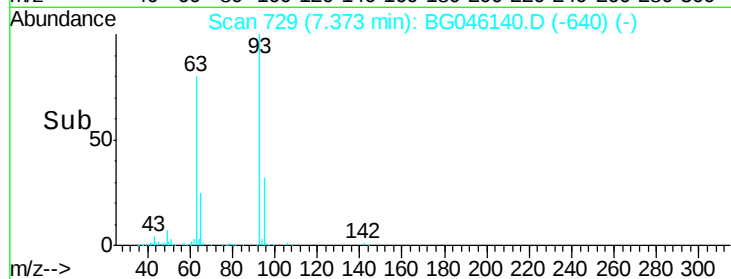
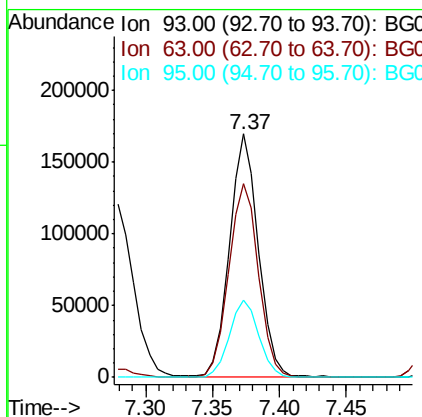
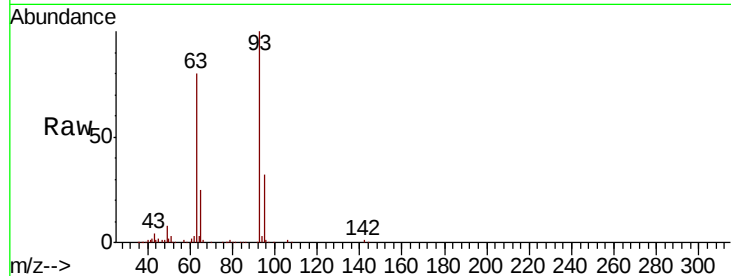
#11
bis(2-Chloroethyl)ether
Concen: 46.201 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	254632		
63	79.7	60.0	100.0	
95	31.7	12.6	52.6	

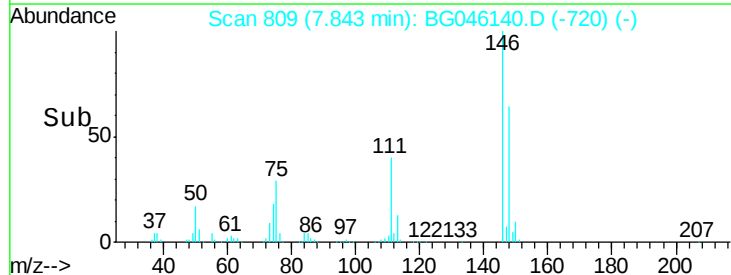
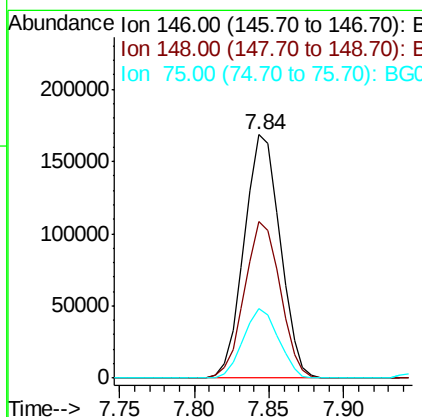
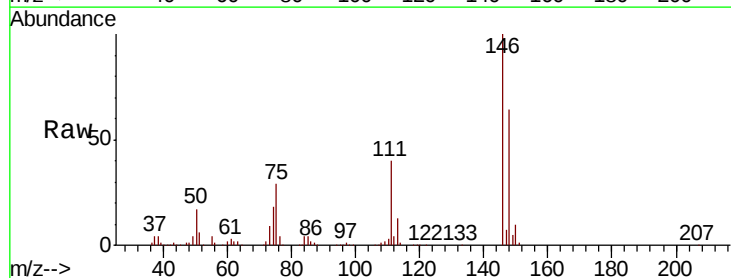
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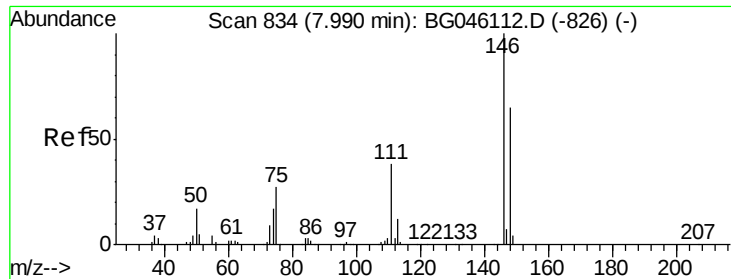
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.568 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	281789		
148	64.5	50.5	75.7	
75	28.7	21.6	32.4	





#13

1,4-Dichlorobenzene

Concen: 41.570 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

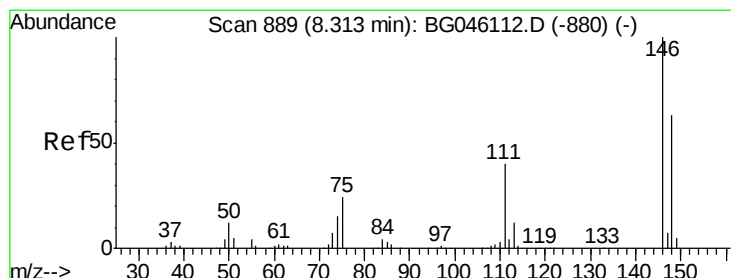
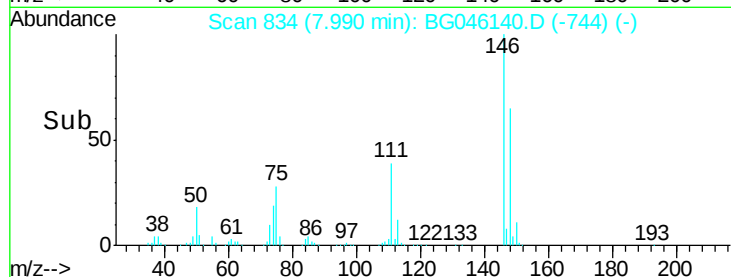
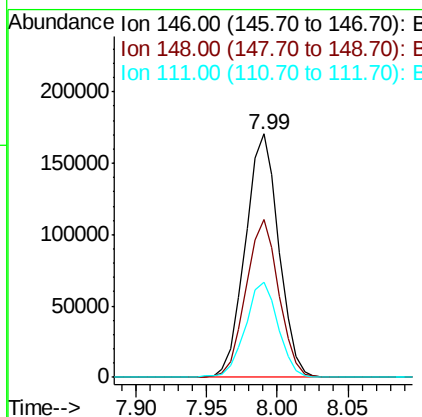
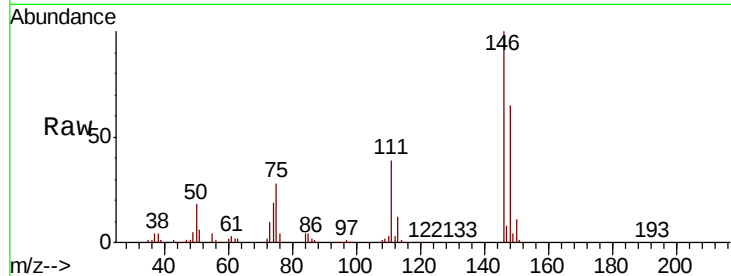
ClientSampleId :

SU-01-073020MS

Tot Ion:	146	Resp:	282973
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.6
111	39.3	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 42.563 ng

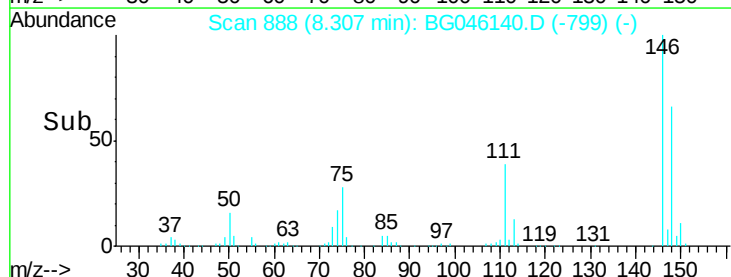
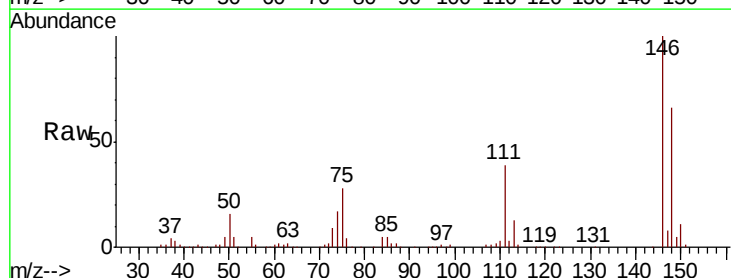
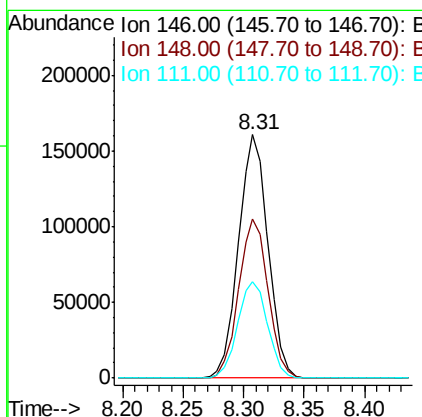
RT: 8.31 min Scan# 888

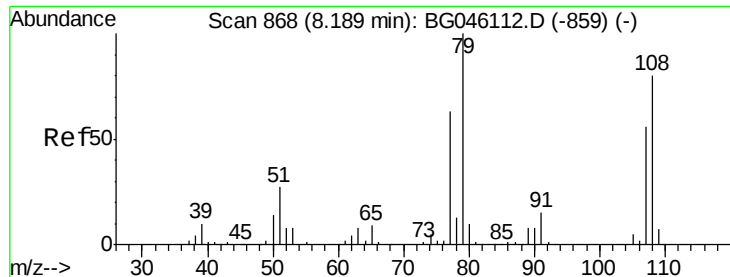
Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	146	Resp:	273255
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.8	76.2
111	39.5	32.4	48.6





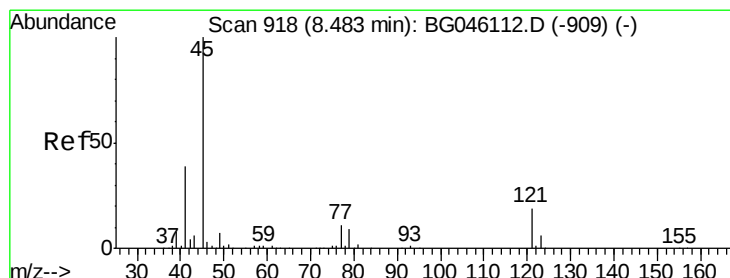
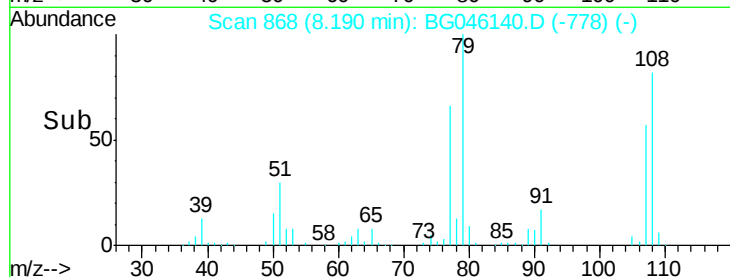
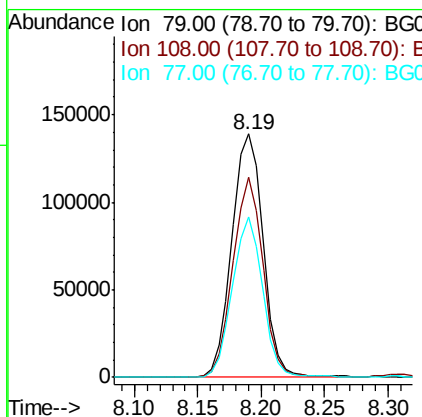
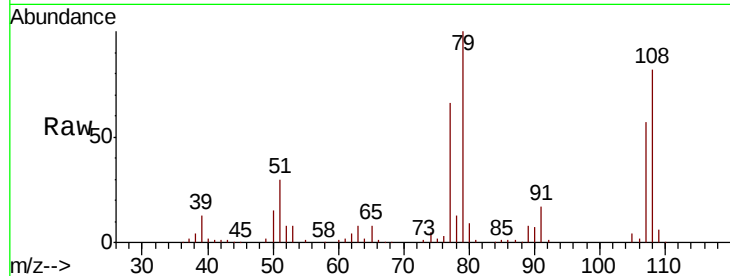
#15
Benzyl Alcohol
Concen: 49.890 ng
RT: 8.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	237689		
108	82.3	64.1	96.1	
77	66.1	50.2	75.2	

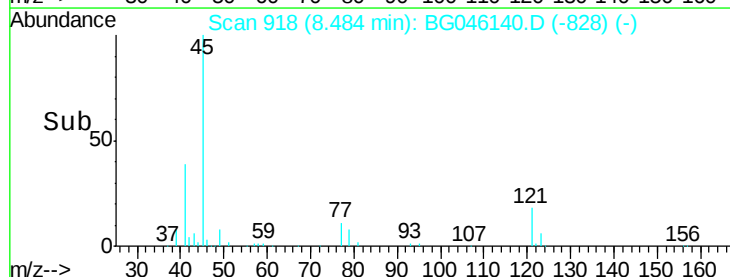
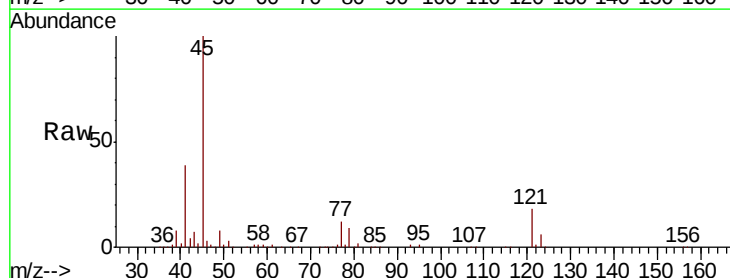
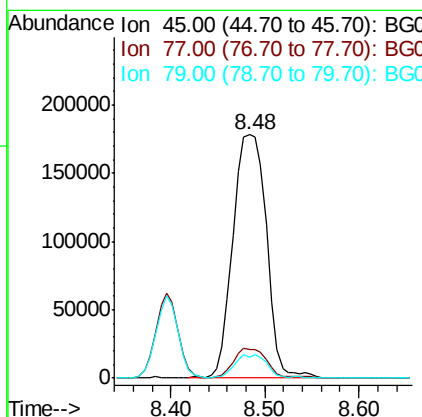
Manual Integrations
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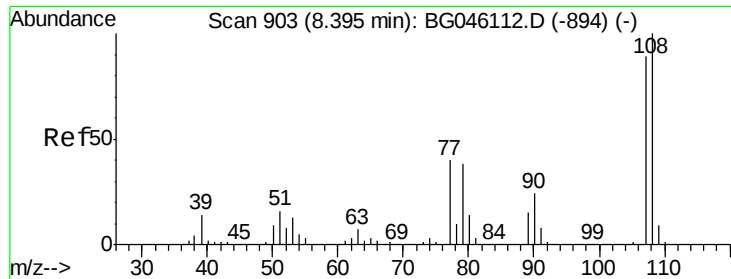
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#16
2,2'-oxybis(1-chloropropane)
Concen: 48.477 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	438025		
77	11.9	0.0	31.9	
79	8.8	0.0	29.5	





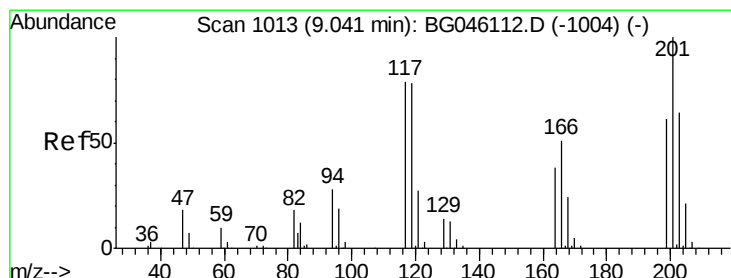
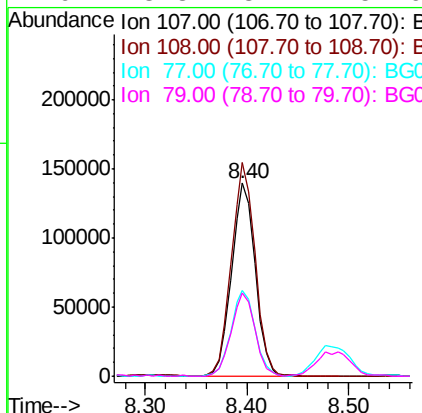
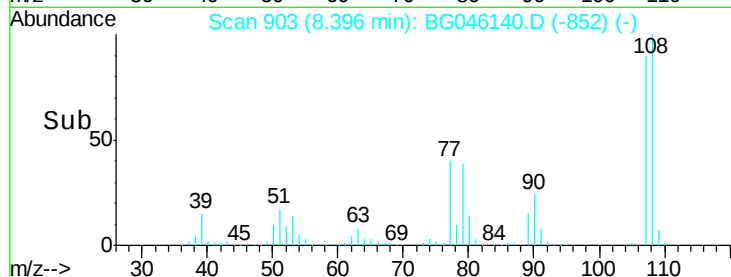
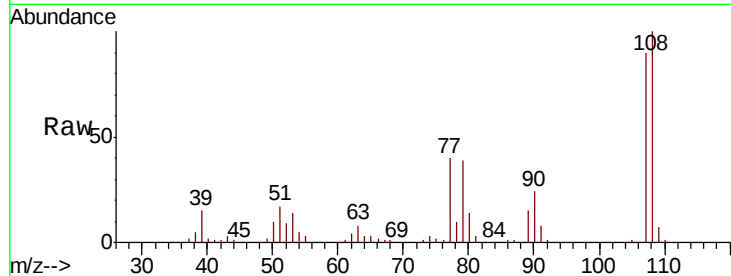
#17
2-Methylphenol
Concen: 48.523 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	90.0	135.0	
77	44.2	35.6	53.4	
79	43.3	34.4	51.6	

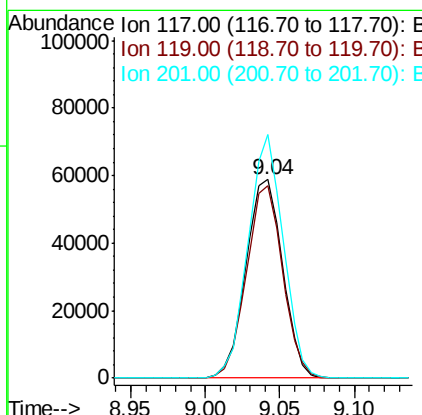
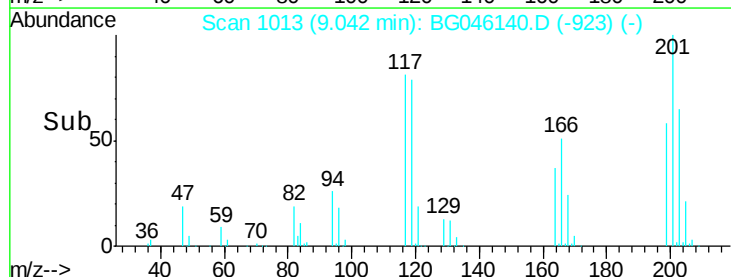
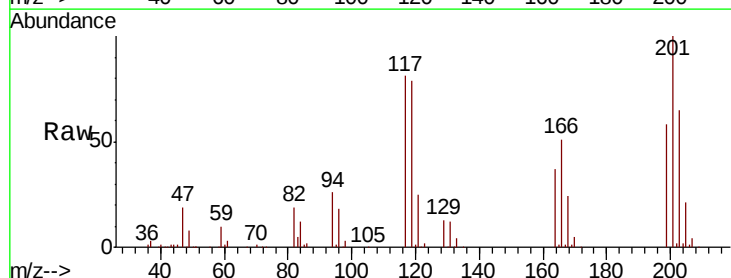
Manual Integrations
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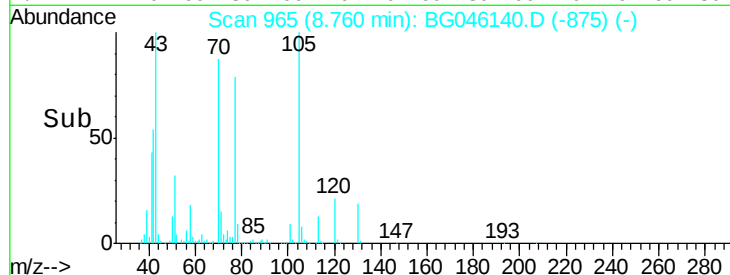
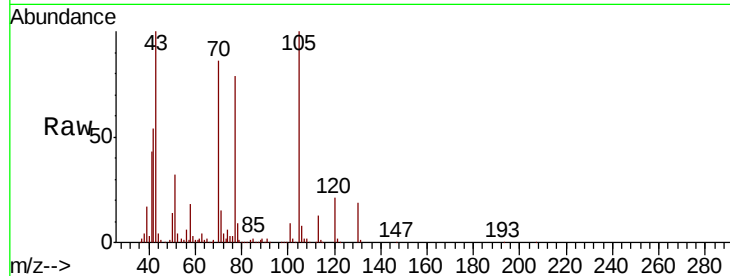
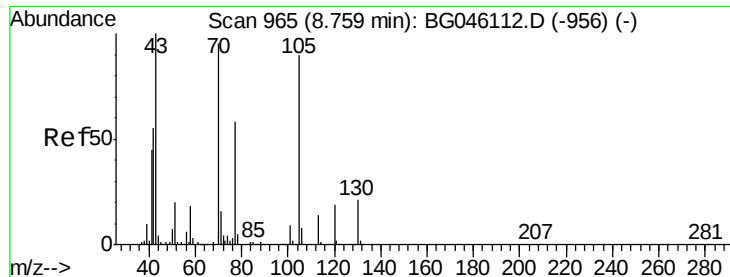
mohammad
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#18
Hexachloroethane
Concen: 44.000 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	78.5	117.7	
201	122.8	101.0	151.4	





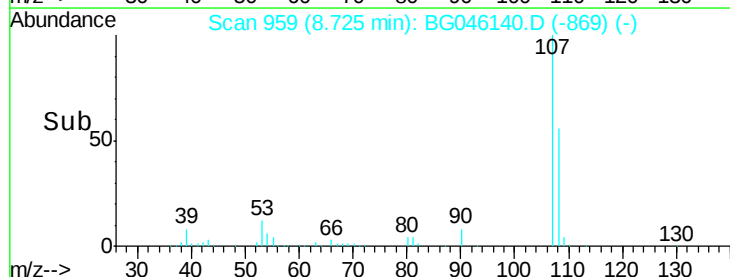
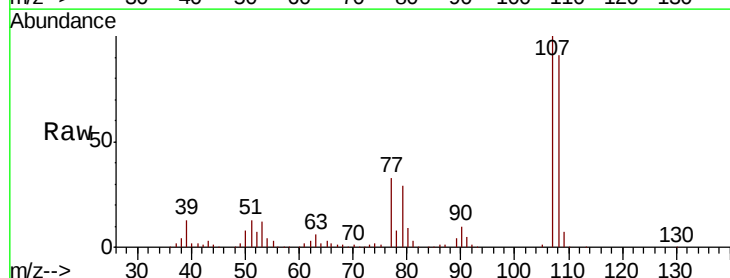
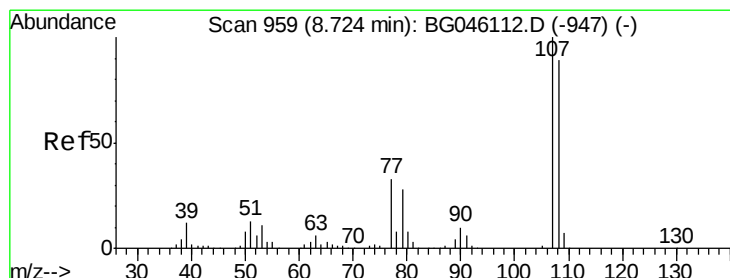
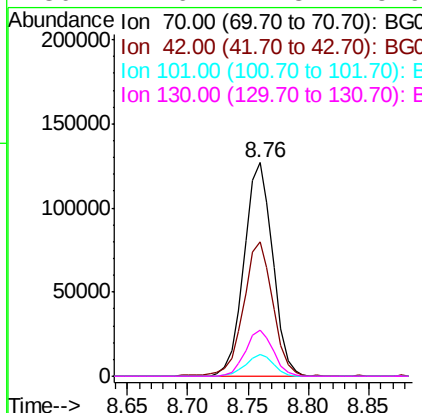
#19
n-Nitroso-di-n-propylamine
Concen: 46.663 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	46.5	69.7
101	10.0	7.6	11.4
130	21.6	17.3	25.9

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

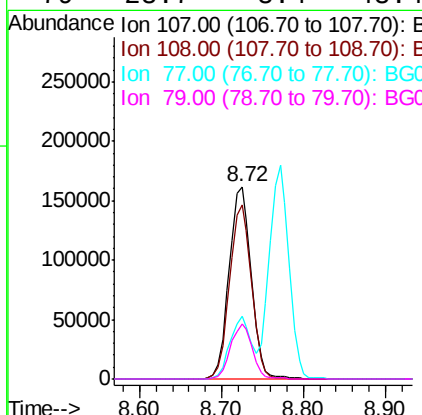
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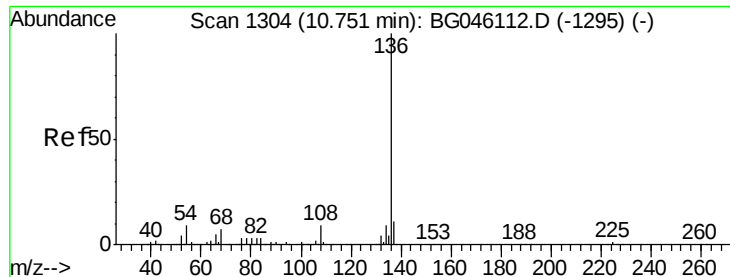
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#20
3+4-Methylphenols
Concen: 47.615 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.1	109.1
77	32.9	12.5	52.5
79	28.7	8.4	48.4





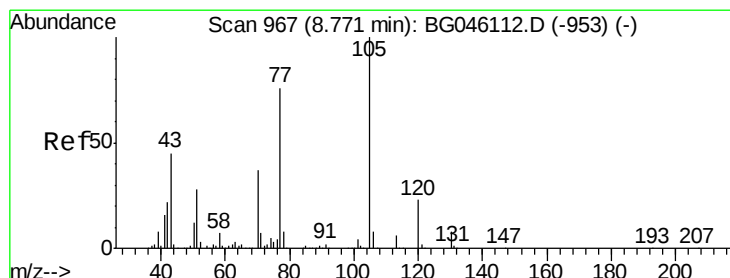
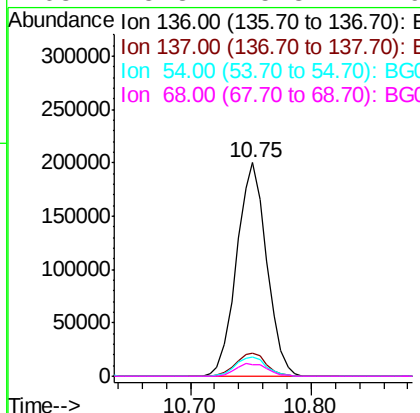
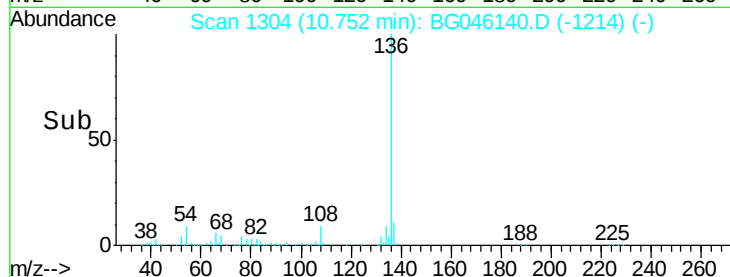
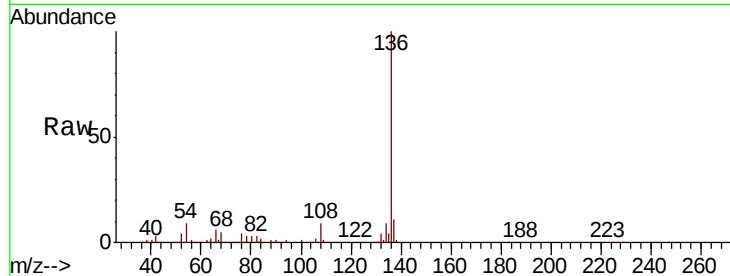
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		346842		
137	11.0	8.8	13.2		
54	9.1	7.0	10.4		
68	5.3	5.3	7.9		

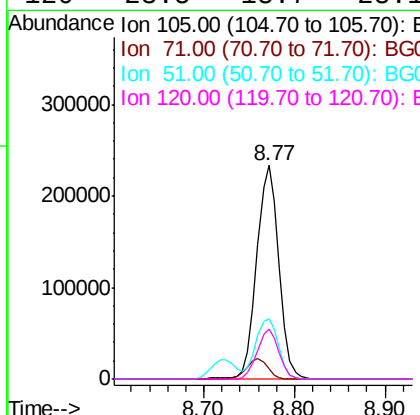
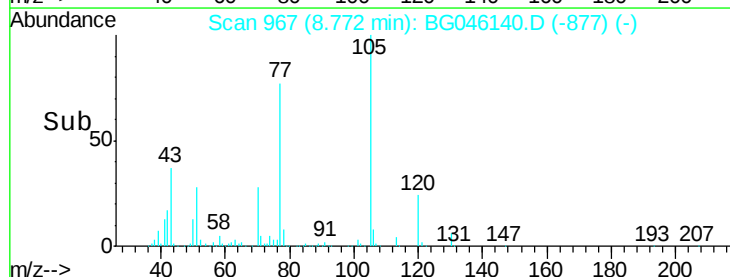
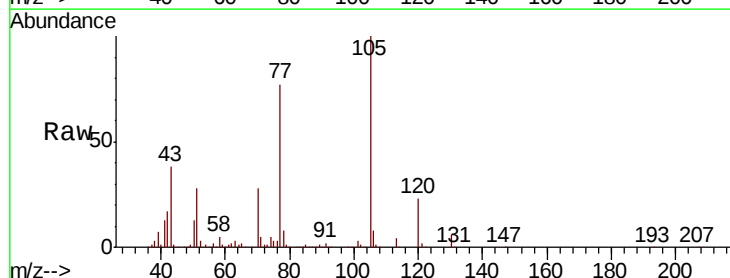
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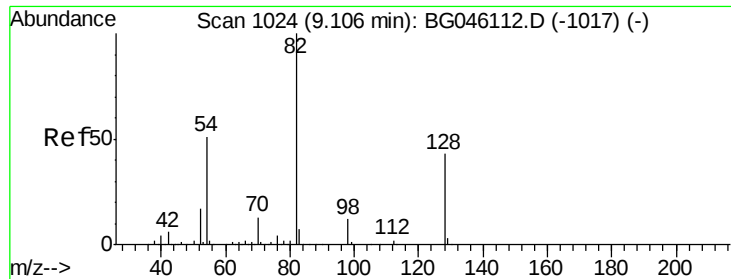
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#22
Acetophenone
Concen: 44.279 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		394134		
71	4.7	5.3	7.9#		
51	28.4	22.7	34.1		
120	23.5	18.7	28.1		





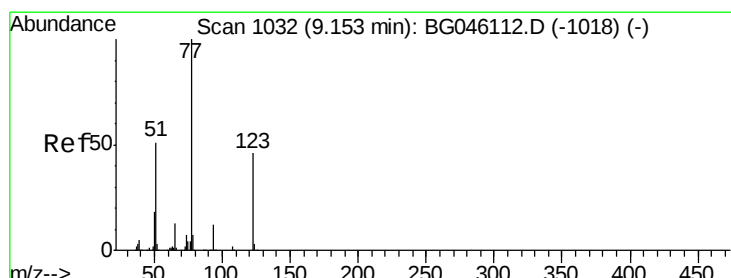
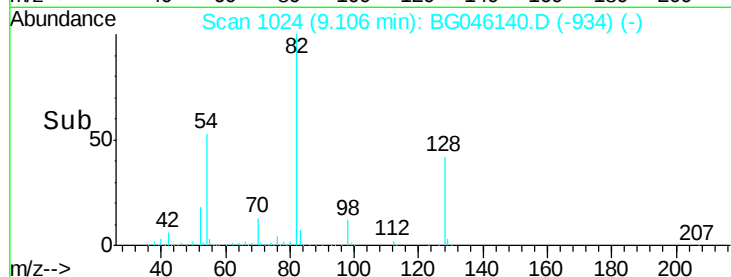
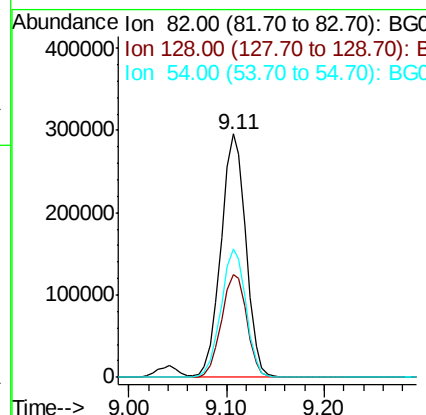
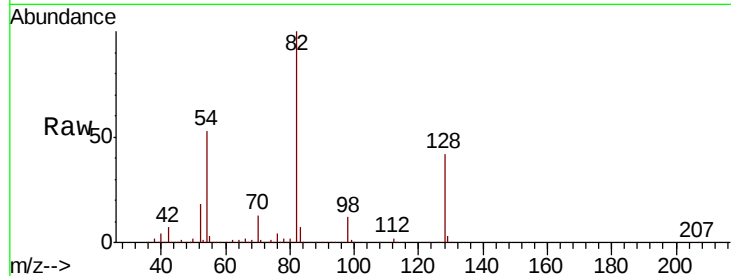
#23
 Nitrobenzene-d5
 Concen: 81.352 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.4	51.6
54	52.9	40.8	61.2

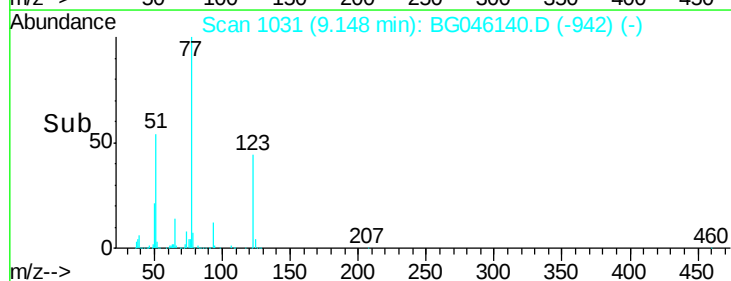
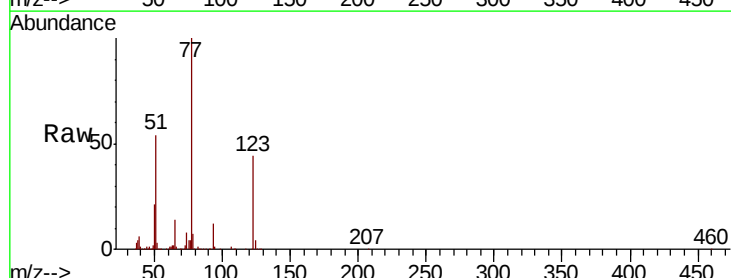
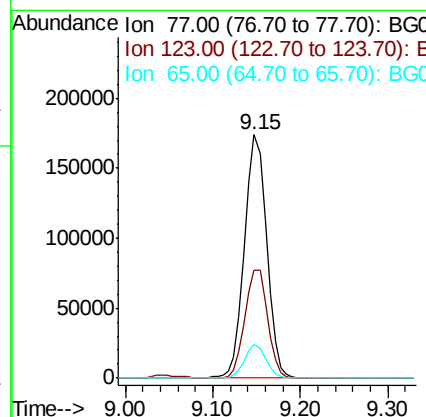
Manual Integrations
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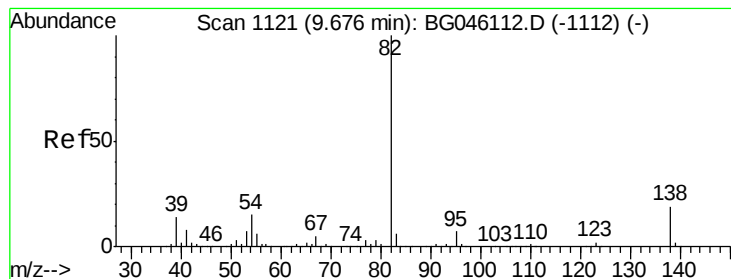
mohammad
 8/3/2020 12:22:29 PM



#24
 Nitrobenzene
 Concen: 43.485 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.8	55.2
65	13.6	10.2	15.2





#25

Isophorone

Concen: 44.258 ng

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

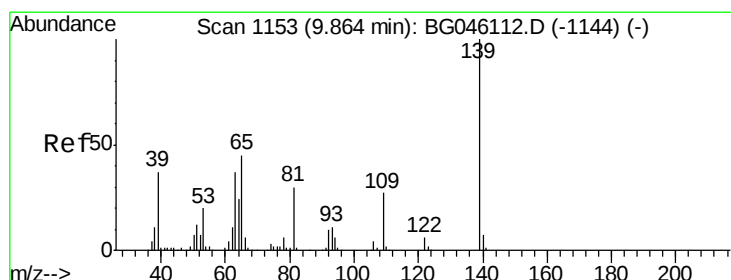
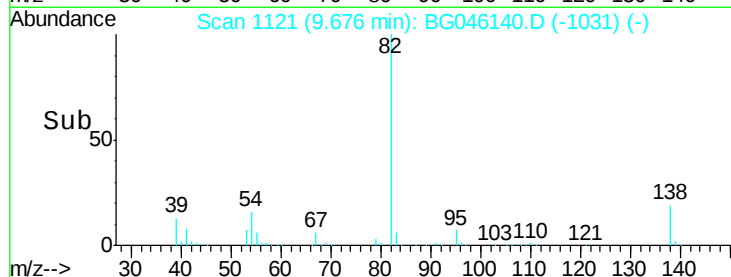
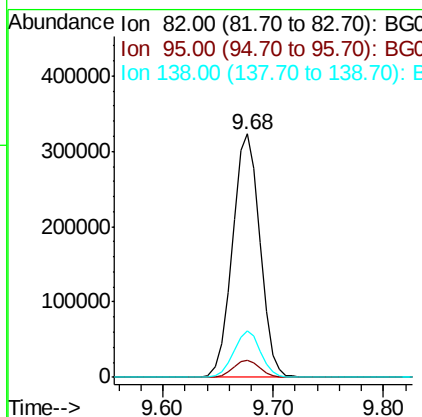
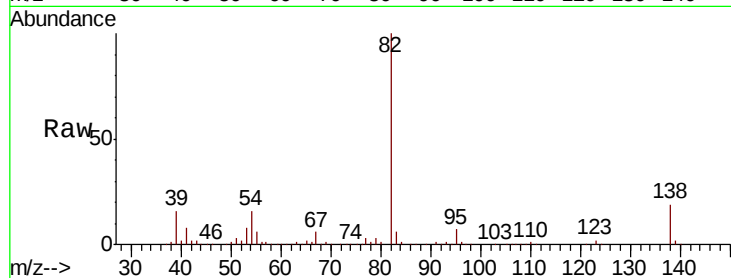
ClientSampleId :

SU-01-073020MS

Tot Ion:	82	Resp:	564150
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	19.1	15.3	22.9

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#26

2-Nitrophenol

Concen: 47.990 ng

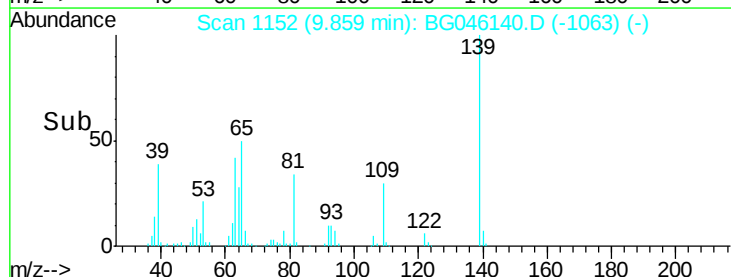
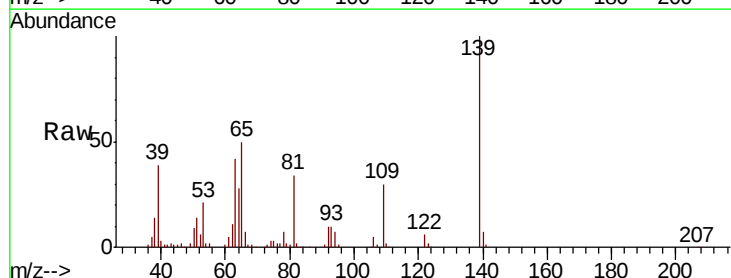
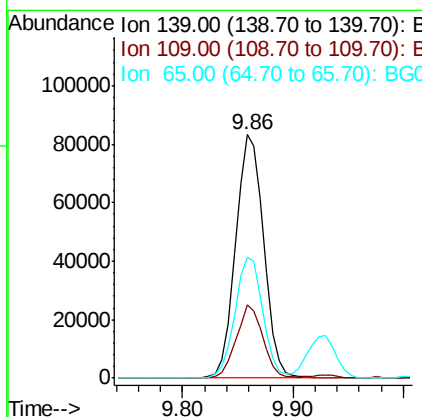
RT: 9.86 min Scan# 1152

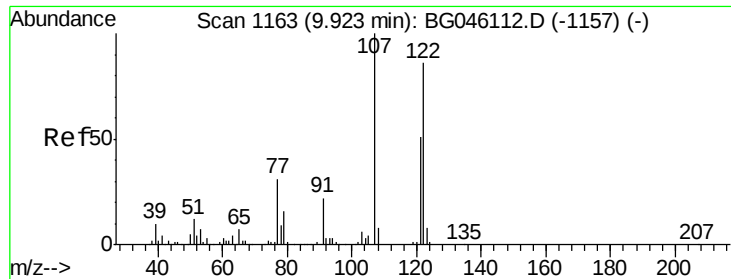
Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	139	Resp:	148551
Ion Ratio	Lower	Upper	
139	100		
109	30.3	21.8	32.8
65	49.6	36.2	54.2





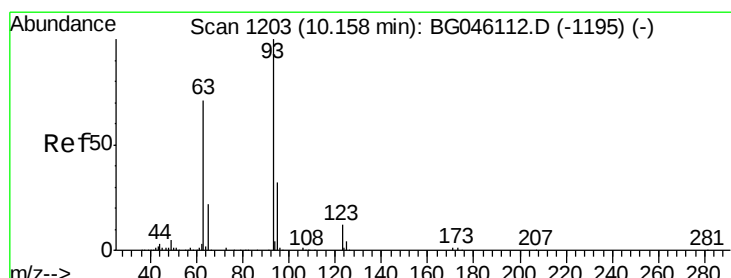
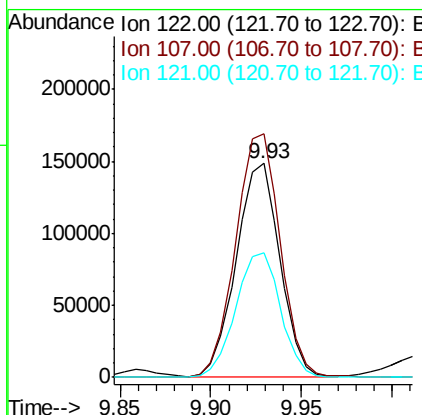
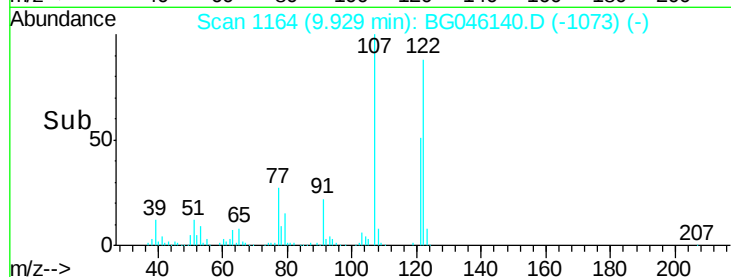
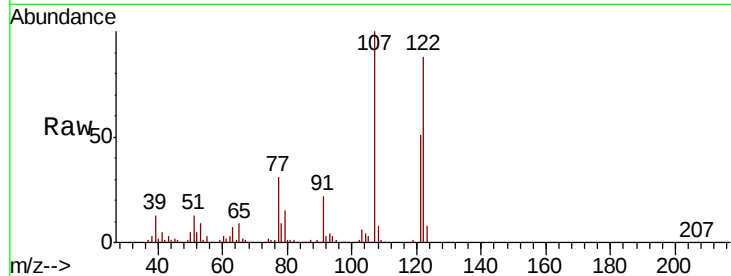
#27
2,4-Dimethylphenol
Concen: 49.291 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	92.4	138.6
121	58.2	47.0	70.6

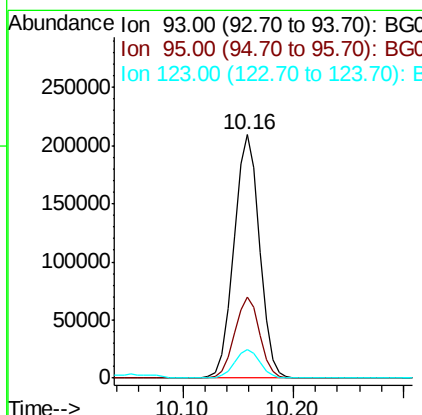
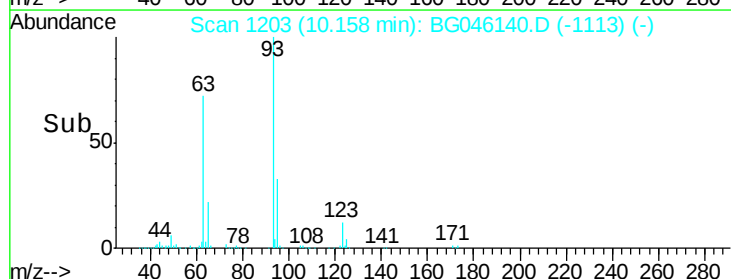
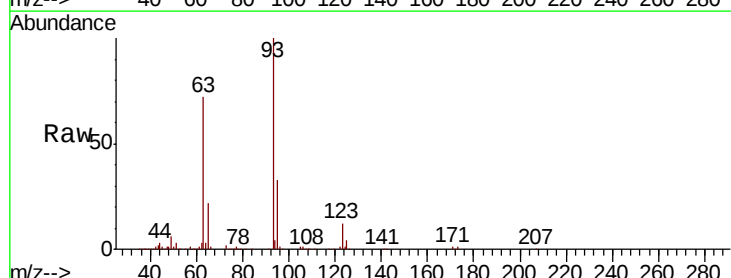
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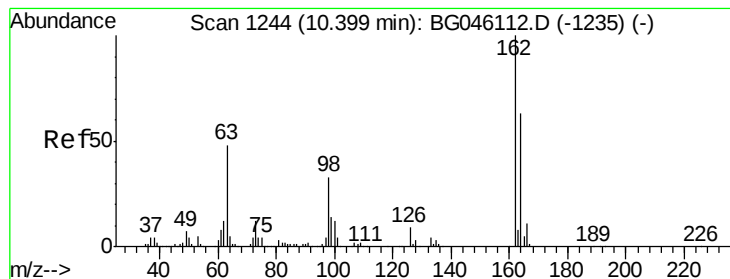
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.142 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	11.7	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 45.826 ng

RT: 10.40 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

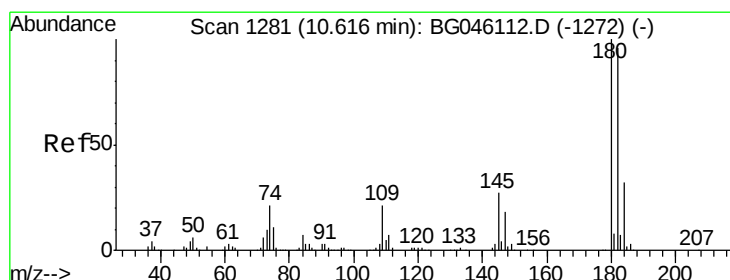
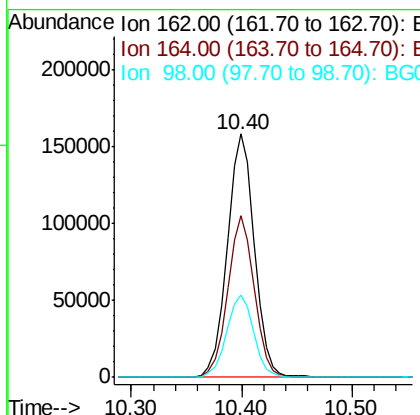
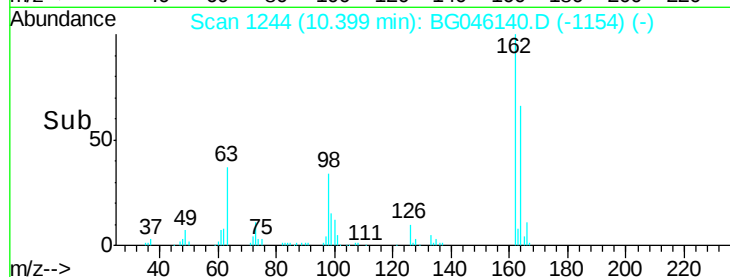
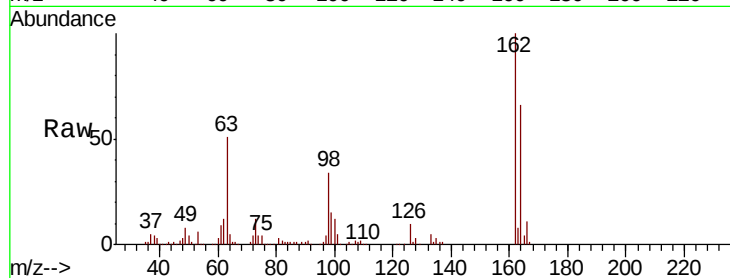
ClientSampleId :

SU-01-073020MS

Tot Ion:	162	Resp:	271481
Ion Ratio	Lower	Upper	
162	100		
164	66.3	43.3	83.3
98	34.0	13.1	53.1

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#30

1,2,4-Trichlorobenzene

Concen: 41.494 ng

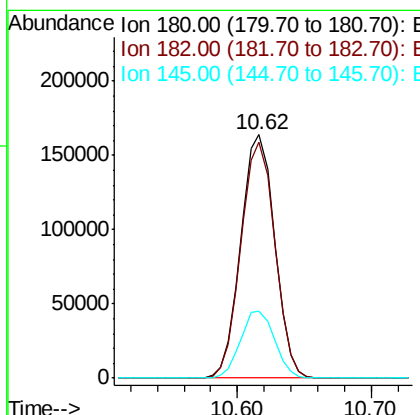
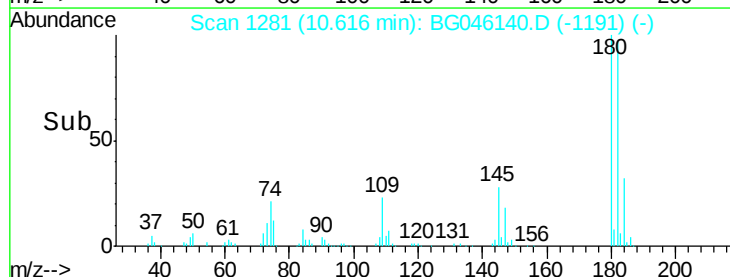
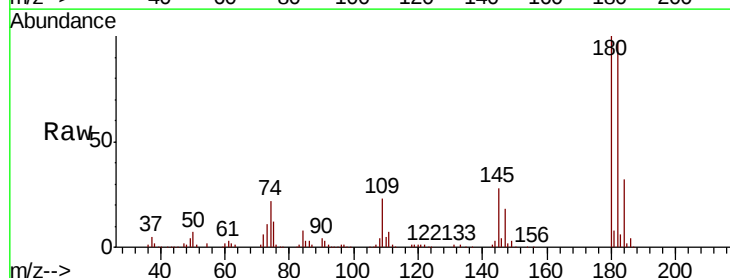
RT: 10.62 min Scan# 1281

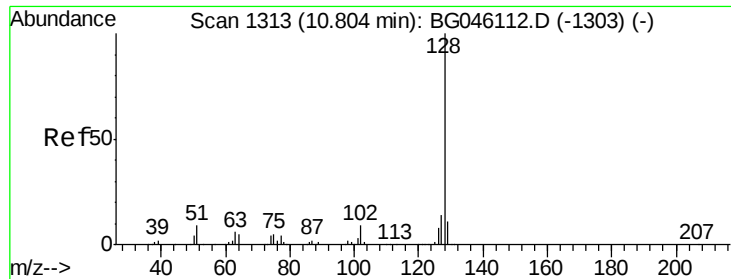
Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	180	Resp:	287970
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.7	115.1
145	27.7	21.8	32.8





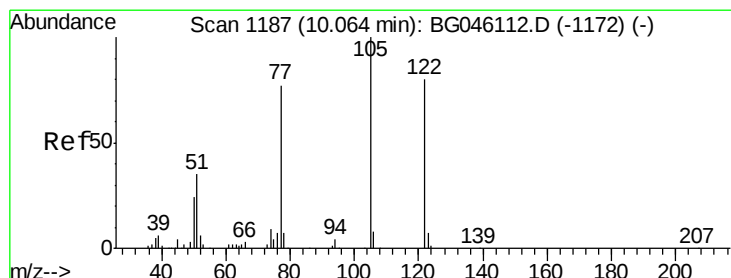
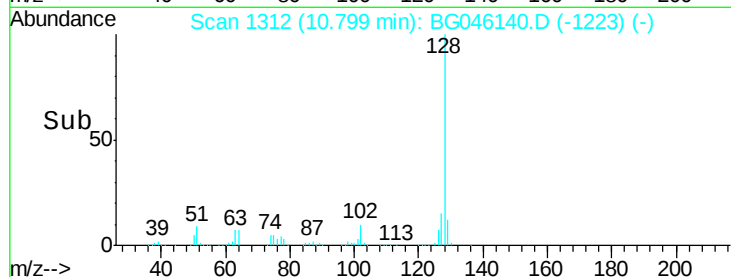
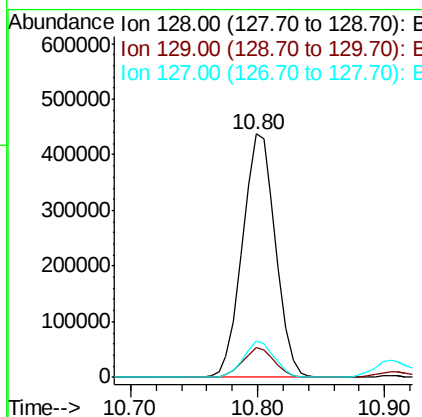
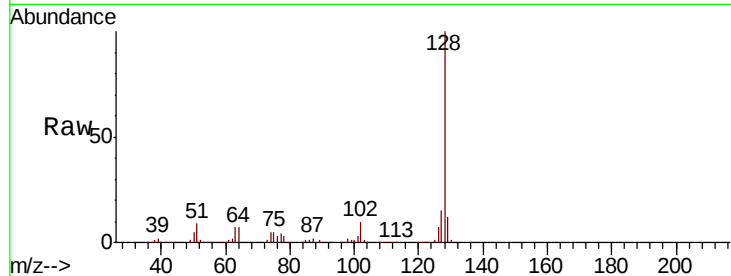
#31
Naphthalene
Concen: 43.038 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.0	9.1	13.7	
127	14.7	11.3	16.9	

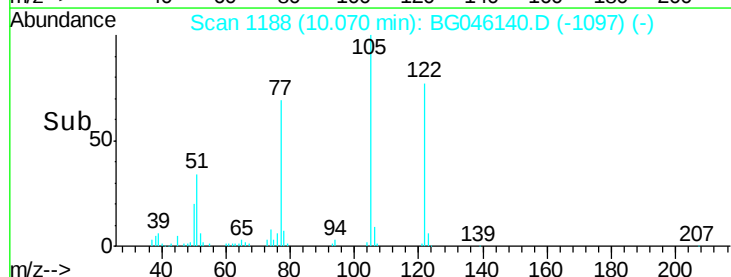
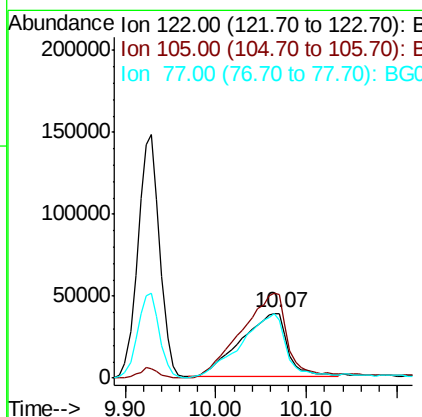
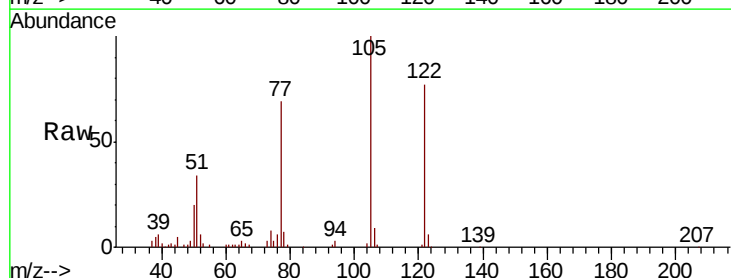
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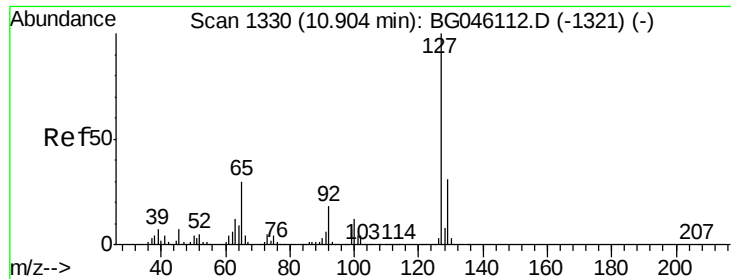
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#32
Benzoic acid
Concen: 39.996 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.4	103.0	143.0	
77	89.0	75.2	115.2	





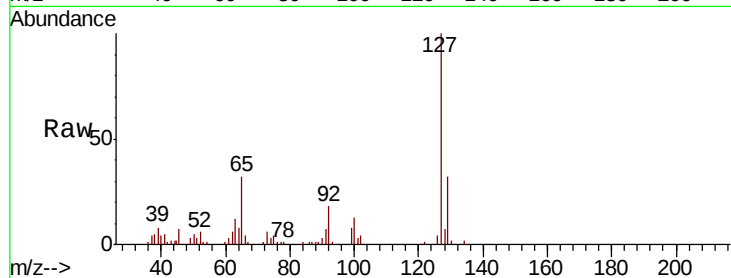
#33
4-Chloroaniline
Concen: 8.638 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

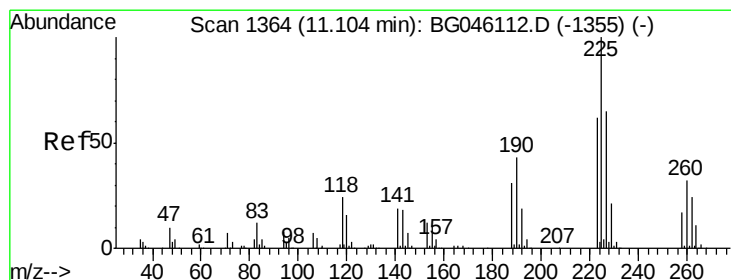
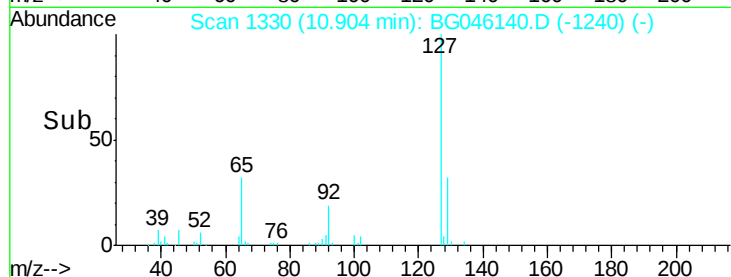
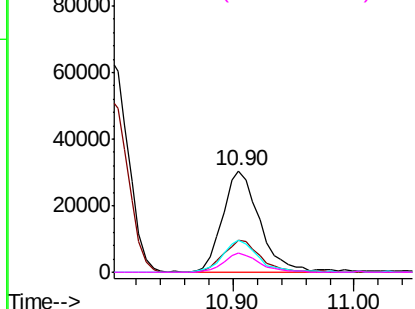
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.2	37.8
65	32.0	24.2	36.2
92	18.3	14.5	21.7

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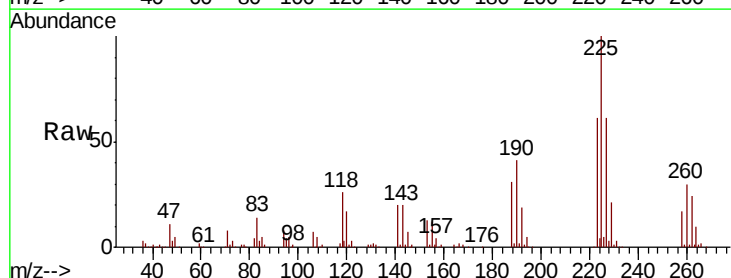


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

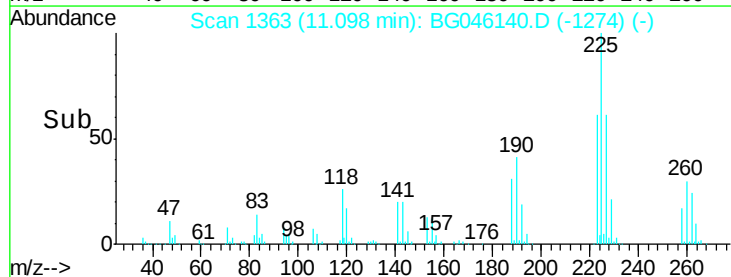
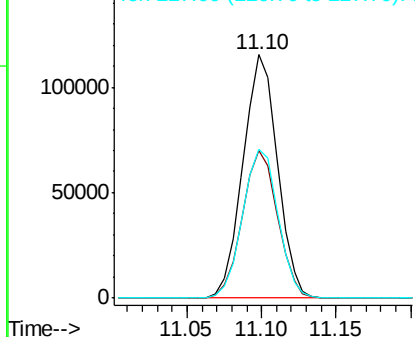


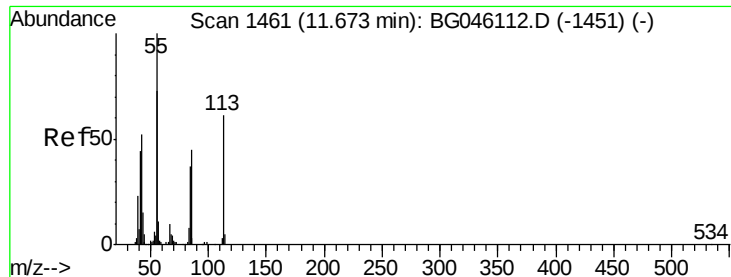
#34
Hexachlorobutadiene
Concen: 39.963 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.8	74.6
227	60.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
150000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.090 ng/mL

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

Tot Ion:113 Resp: 83552

Ion Ratio Lower Upper

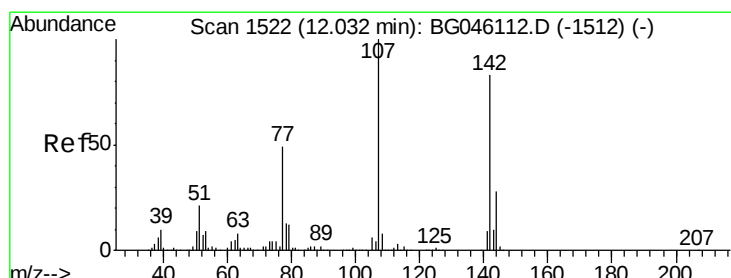
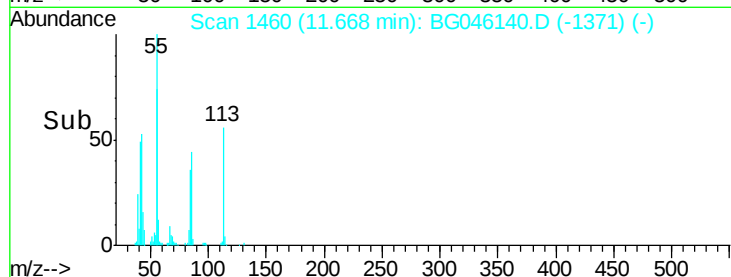
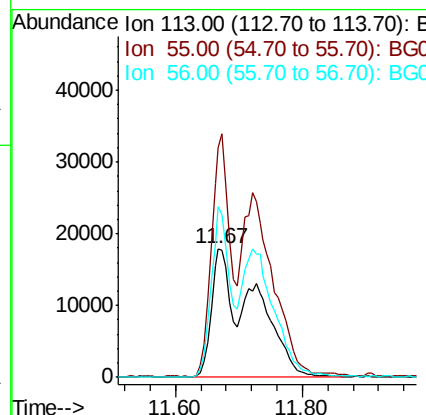
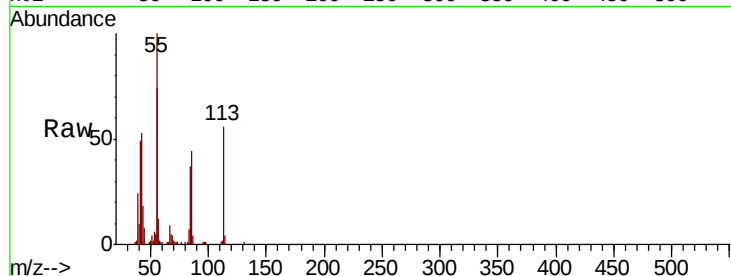
113 100

55 178.1 144.7 184.7

56 132.3 99.4 139.4

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#36

4-Chloro-3-methylphenol

Concen: 48.508 ng/mL

RT: 12.03 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

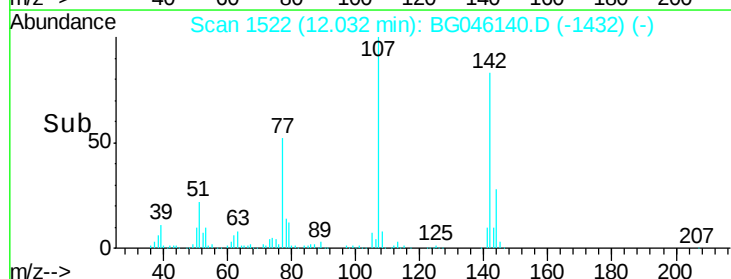
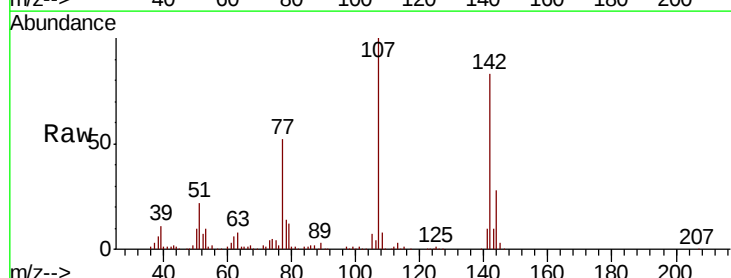
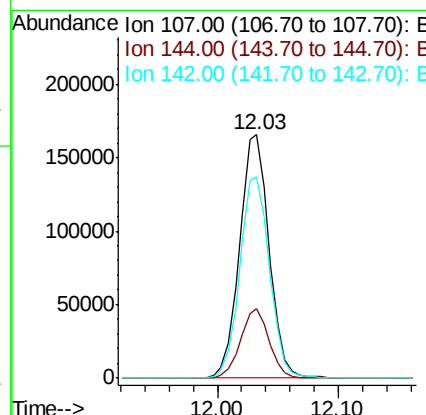
Tgt Ion:107 Resp: 282007

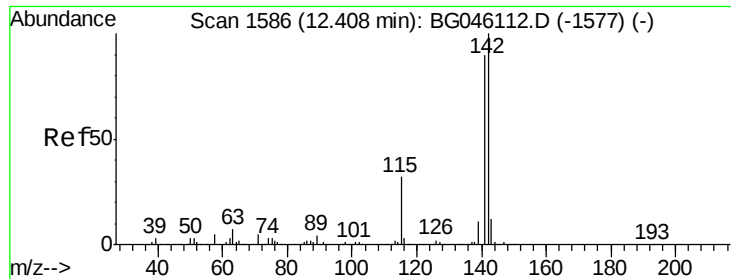
Ion Ratio Lower Upper

107 100

144 28.3 22.4 33.6

142 82.6 66.6 100.0





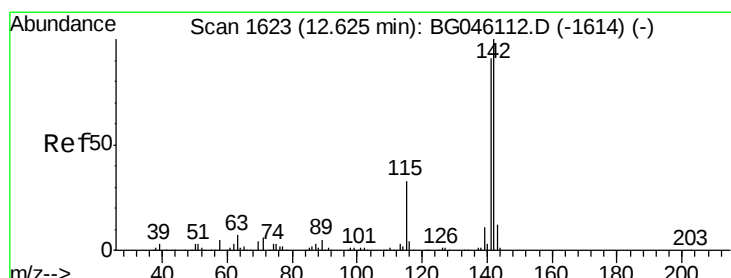
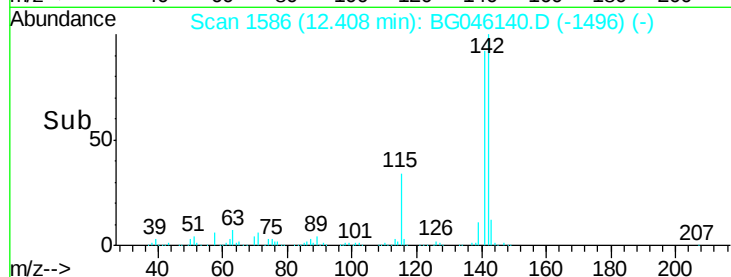
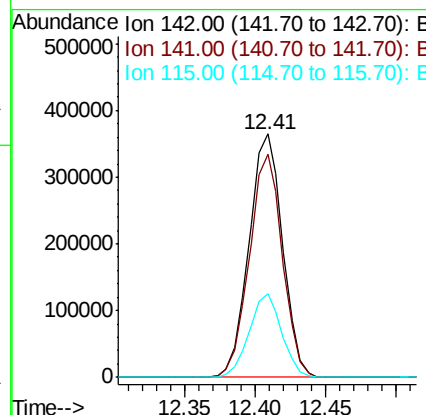
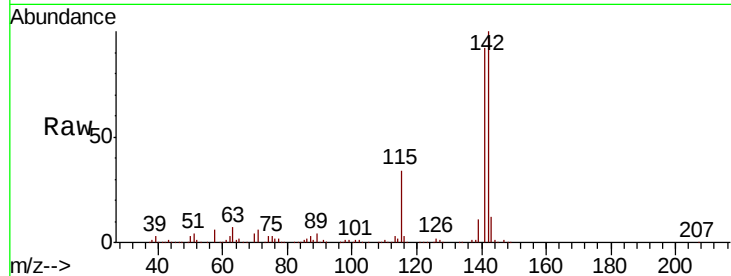
#37
2-Methylnaphthalene
Concen: 42.999 ng
RT: 12.41 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.7	107.5
115	34.4	25.8	38.8

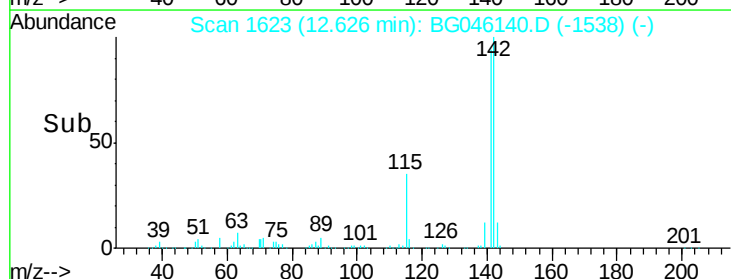
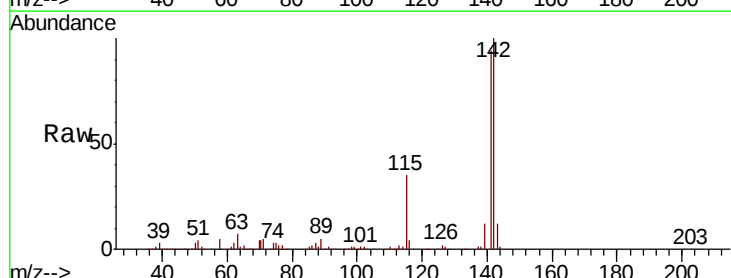
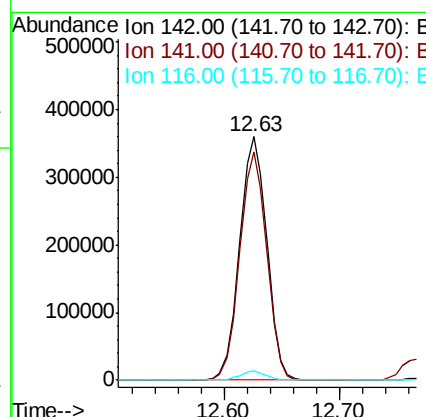
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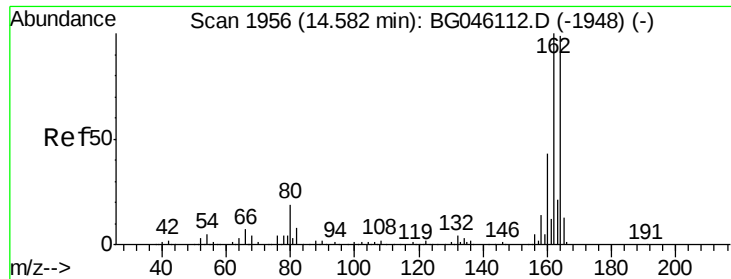
mohammad
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#38
1-Methylnaphthalene
Concen: 43.665 ng
RT: 12.63 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.0	109.4
116	3.8	2.8	4.2





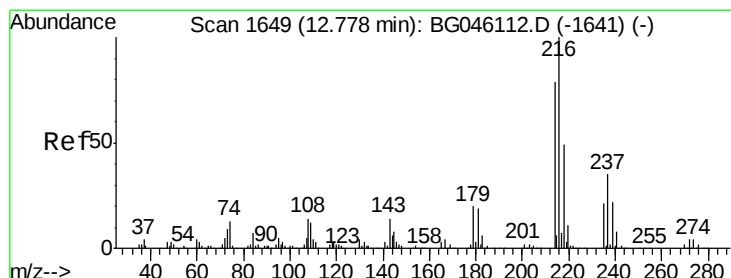
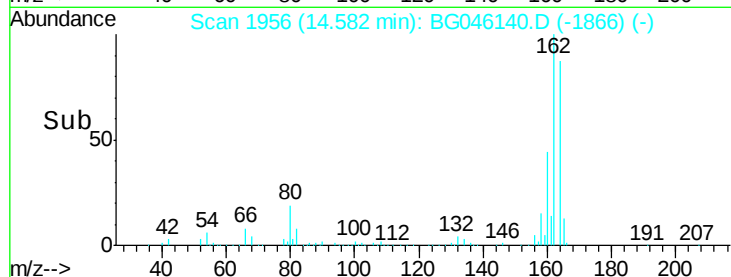
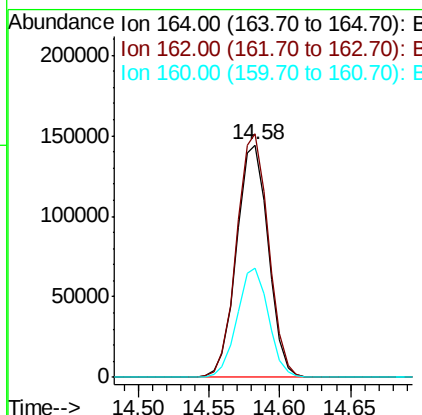
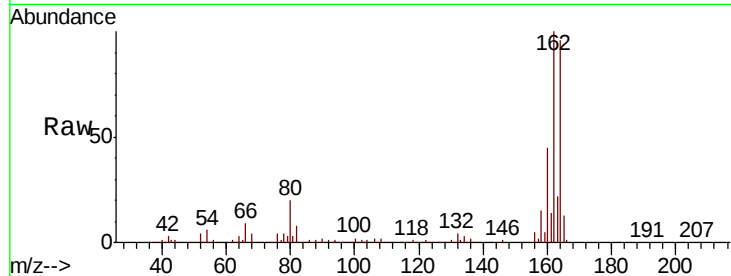
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.6	121.0
160	46.7	34.9	52.3

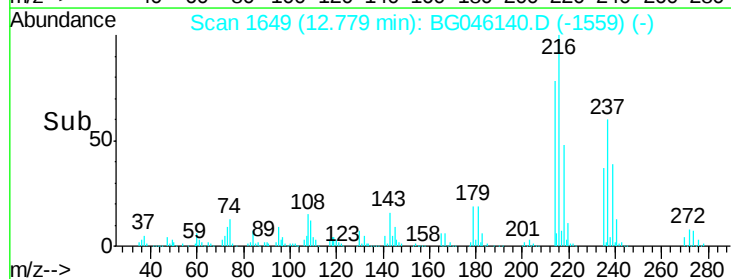
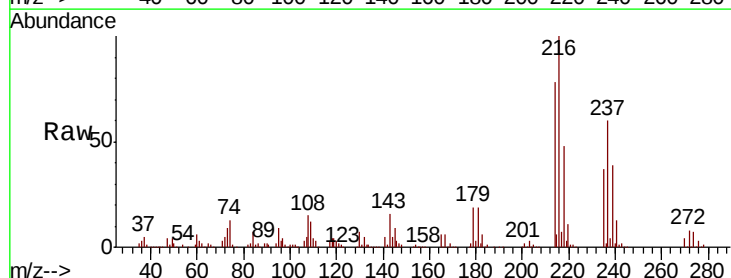
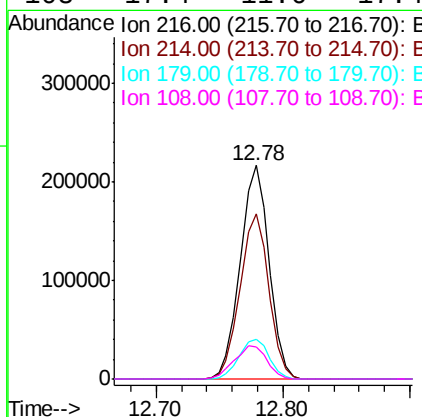
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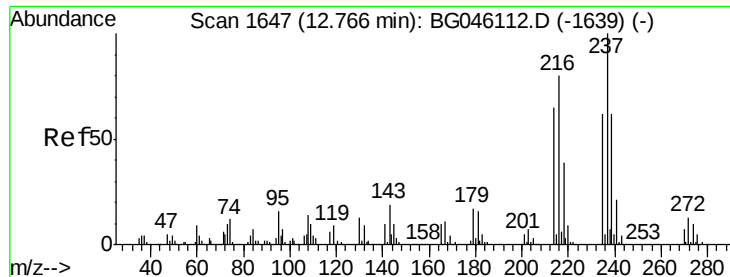
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.672 ng
RT: 12.78 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.7	94.1
179	19.4	15.0	22.6
108	17.4	11.6	17.4#





#41

Hexachlorocyclopentadiene

Concen: 95.750 ng

RT: 12.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

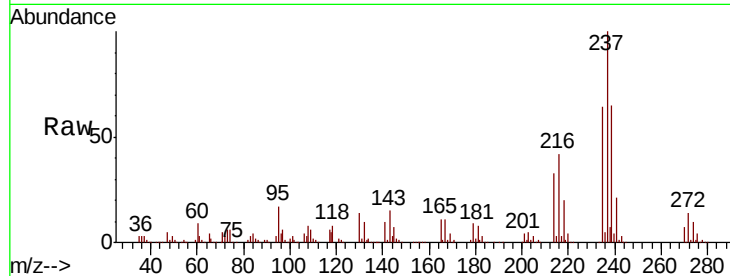
ClientSampleId :

SU-01-073020MS

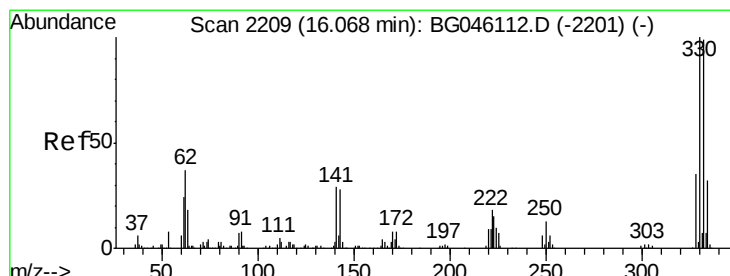
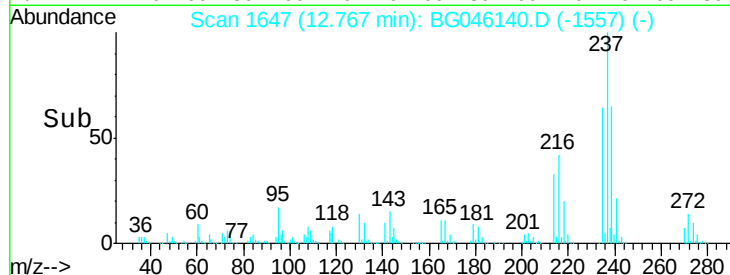
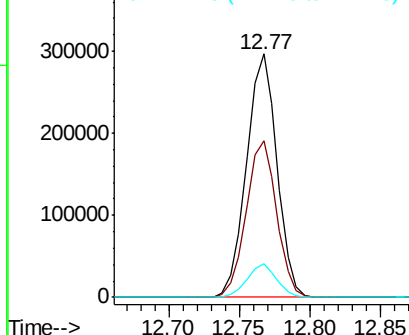
Tot Ion:	237	Resp:	448468
Ion Ratio	Lower	Upper	
237	100		
235	64.2	42.3	82.3
272	13.9	0.0	32.7

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



#42

2,4,6-Tribromophenol

Concen: 119.105 ng

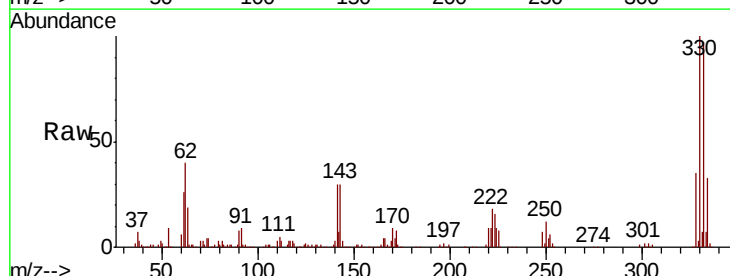
RT: 16.07 min Scan# 2209

Delta R.T. 0.00 min

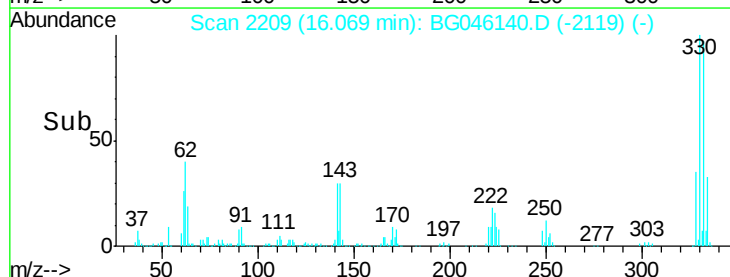
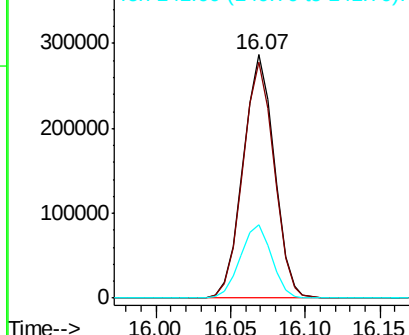
Lab File: BG046140.D

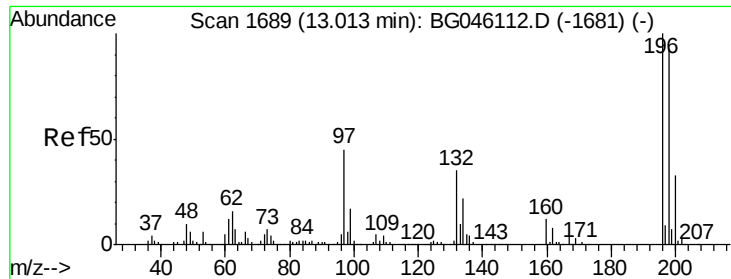
Acq: 1 Aug 2020 2:14

Tgt Ion:	330	Resp:	414612
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.4	116.2
141	30.5	23.4	35.0



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





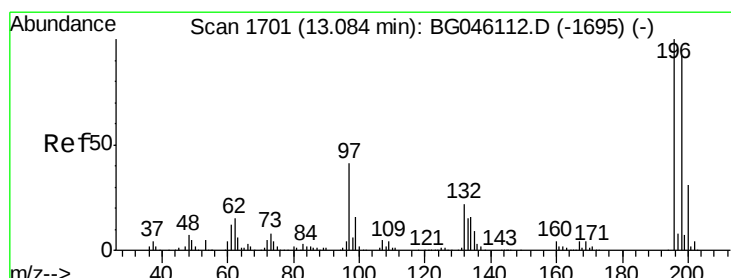
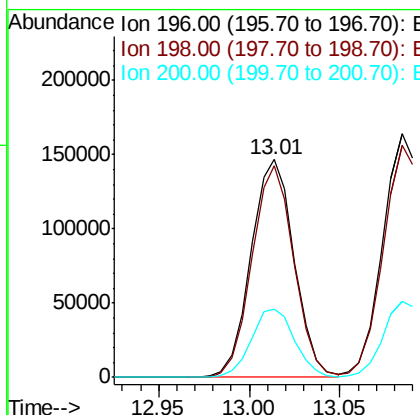
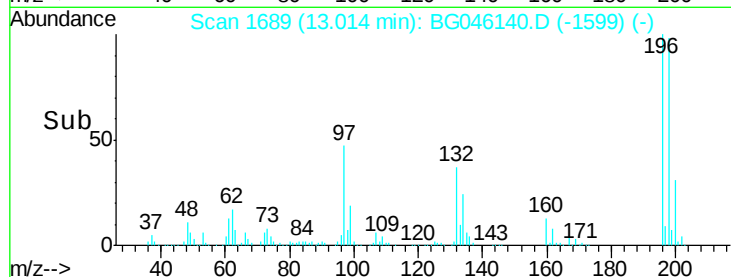
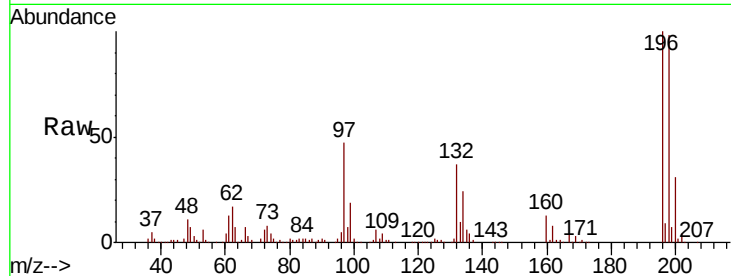
#43
 2,4,6-Trichlorophenol
 Concen: 46.610 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	242822		
198	97.5	74.2	111.4	
200	31.5	26.0	39.0	

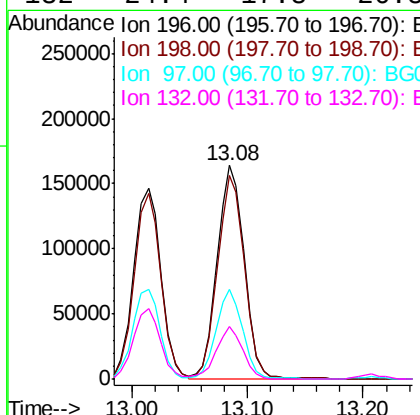
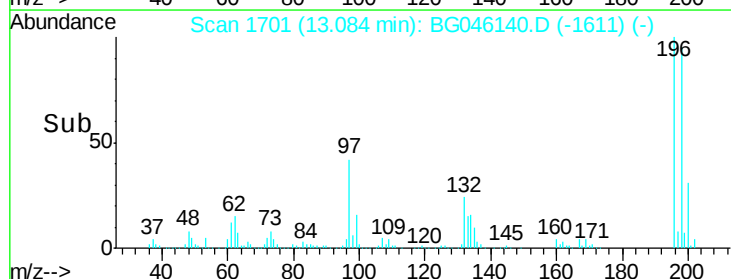
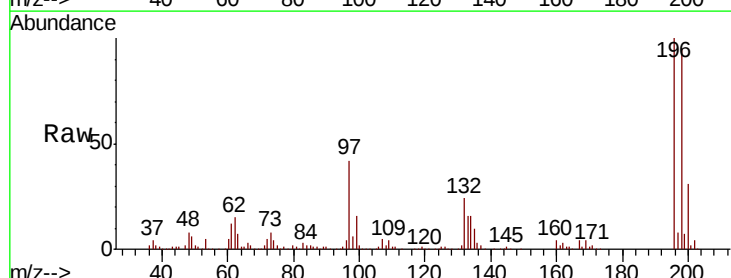
Manual Integrations
 APPROVED

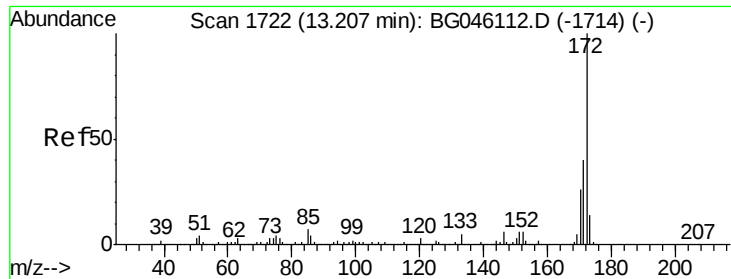
mohammad
 8/3/2020 12:22:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.699 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265452		
198	95.2	73.9	110.9	
97	42.0	32.7	49.1	
132	24.4	17.8	26.8	





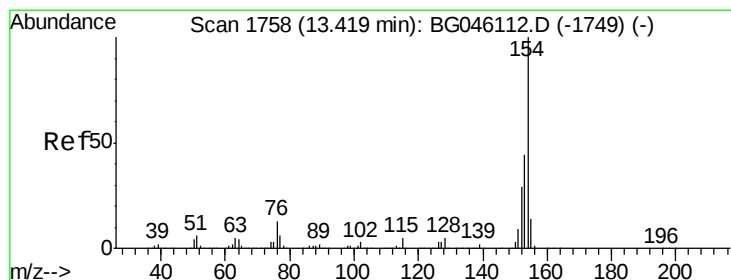
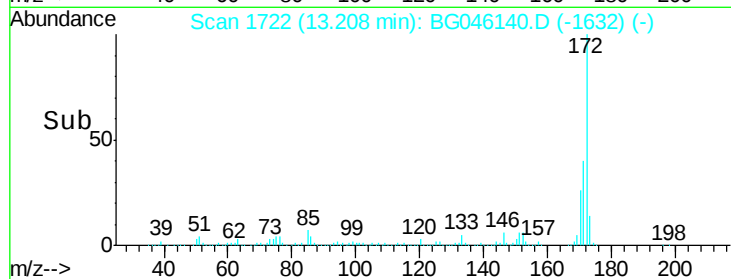
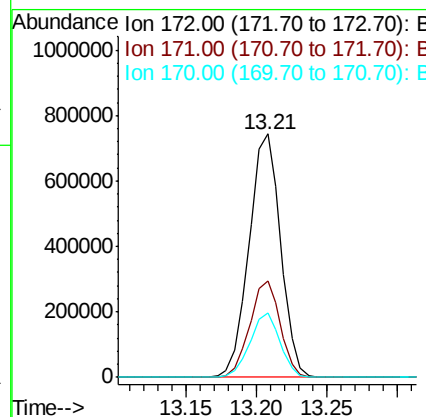
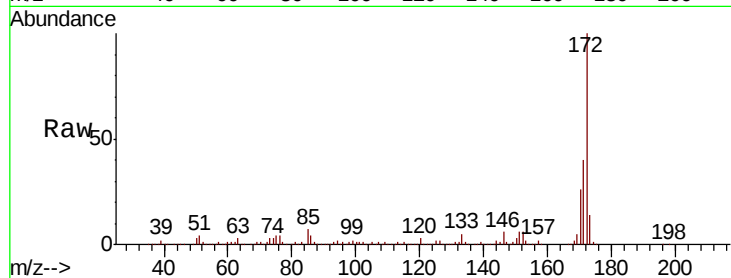
#45
2-Fluorobiphenyl
Concen: 74.558 ng
RT: 13.21 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.7	47.5
170	26.3	20.9	31.3

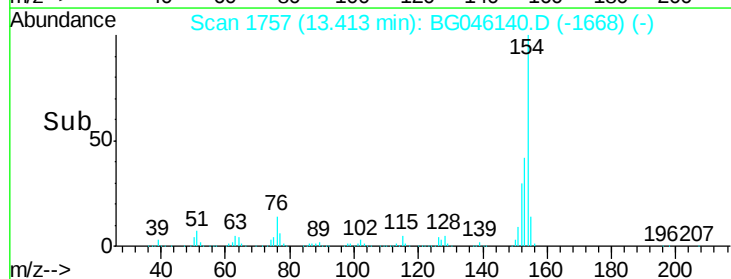
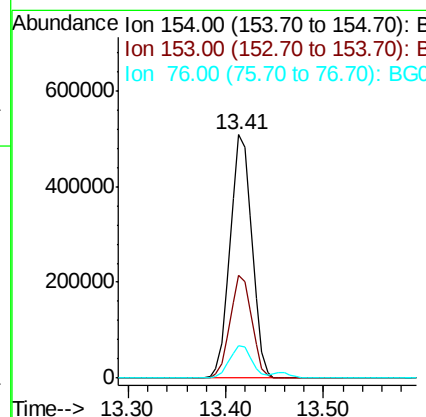
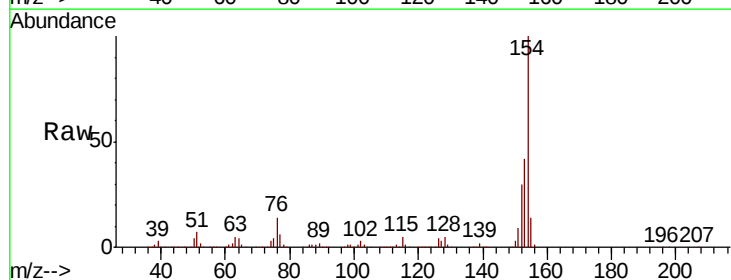
Manual Integrations
APPROVED

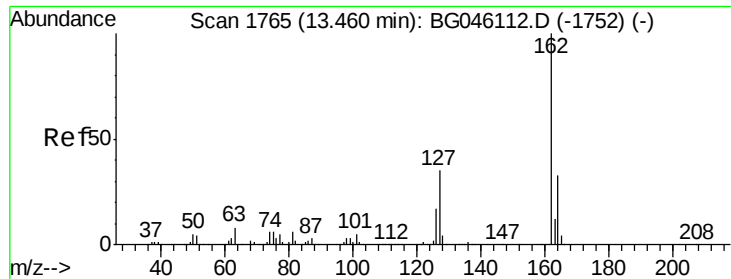
mohammad
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#46
1,1'-Biphenyl
Concen: 44.306 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.7	63.7
76	13.5	0.0	32.9





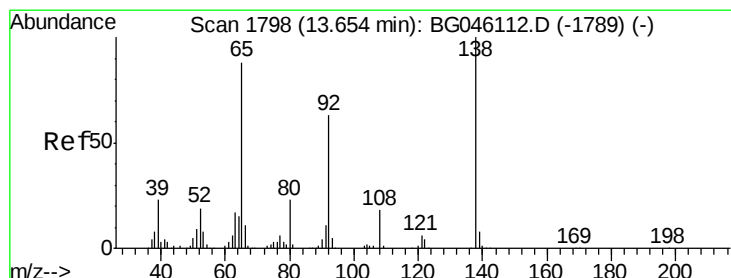
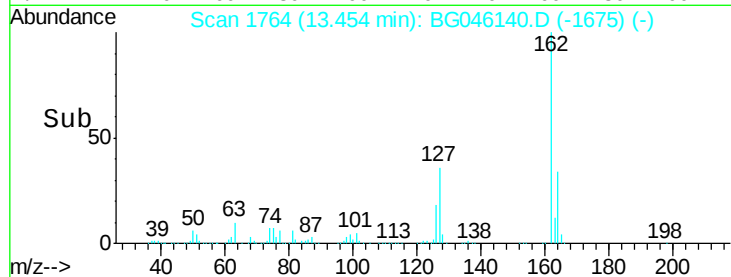
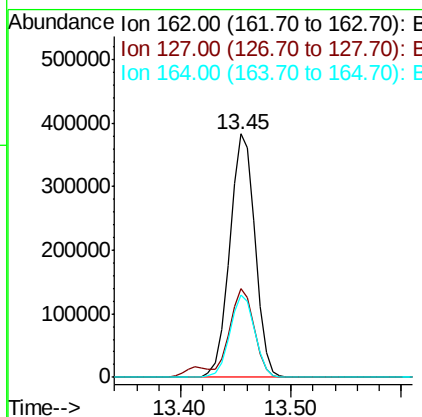
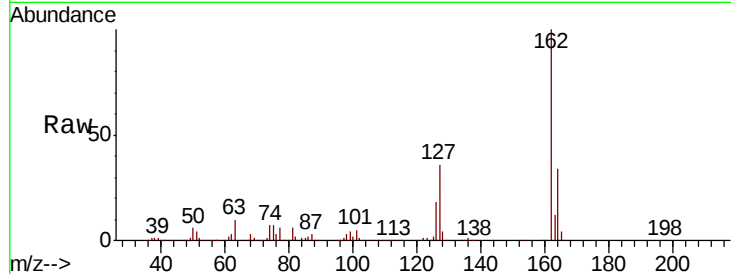
#47
2-Chloronaphthalene
Concen: 43.279 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.3	28.0	42.0	
164	33.8	26.5	39.7	

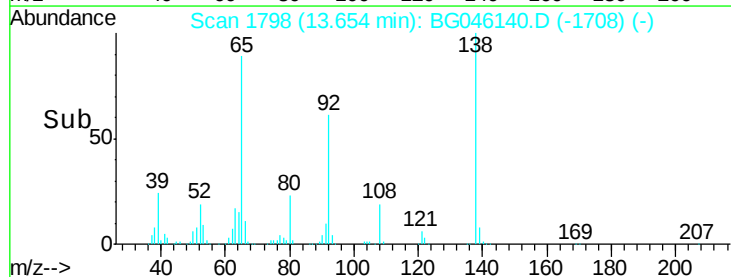
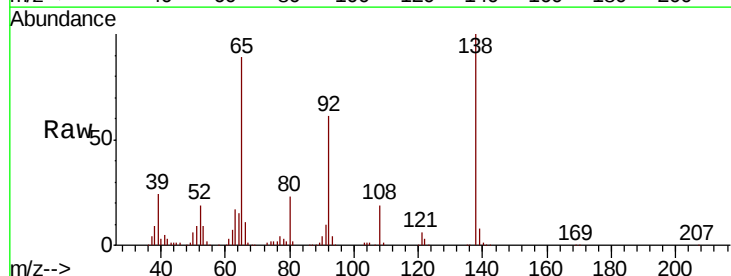
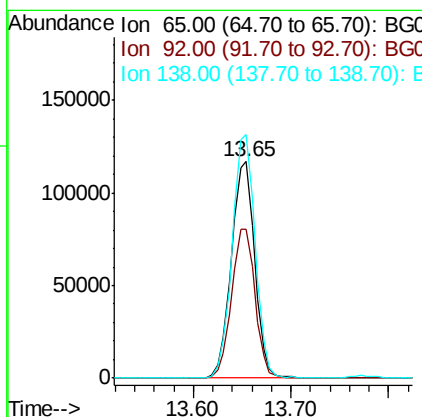
Manual Integrations
APPROVED

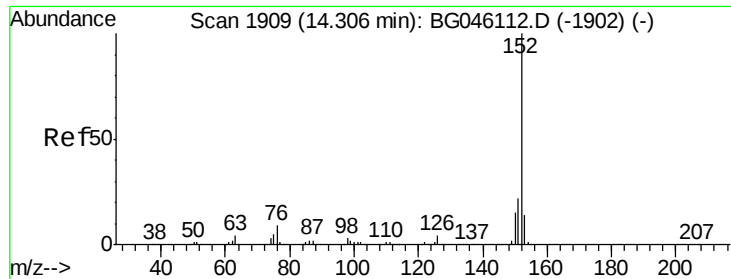
mohammad
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#48
2-Nitroaniline
Concen: 52.372 ng
RT: 13.65 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.0	57.4	86.2	
138	112.5	91.1	136.7	





#49

Acenaphthylene

Concen: 45.239 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

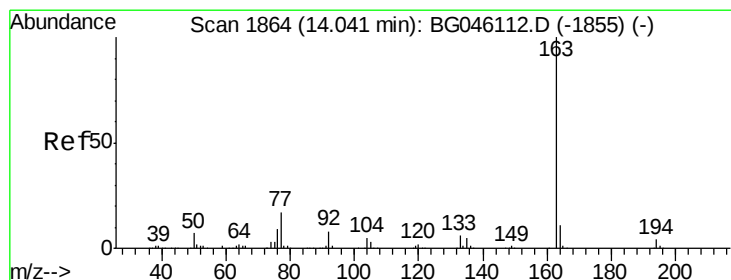
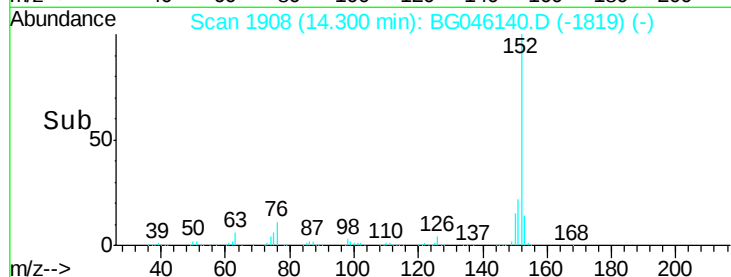
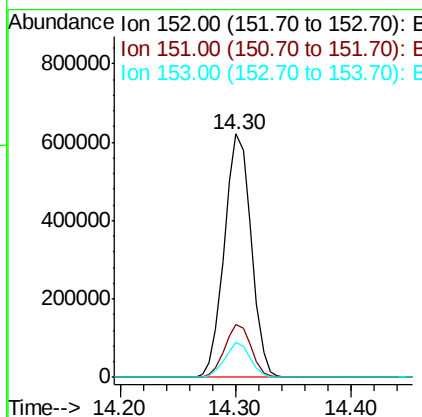
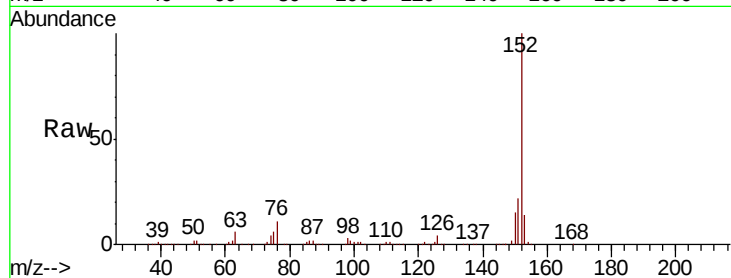
ClientSampleId :

SU-01-073020MS

Tot Ion:	152	Resp:	996218
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.4	26.2
153	14.3	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.577 ng

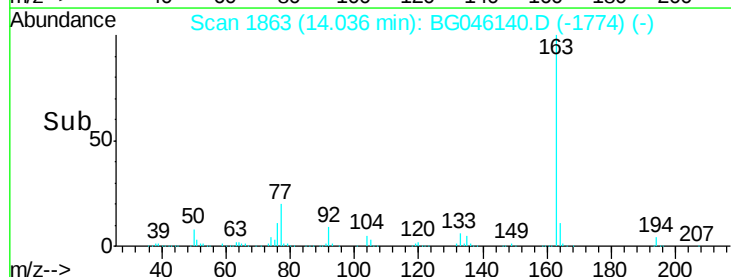
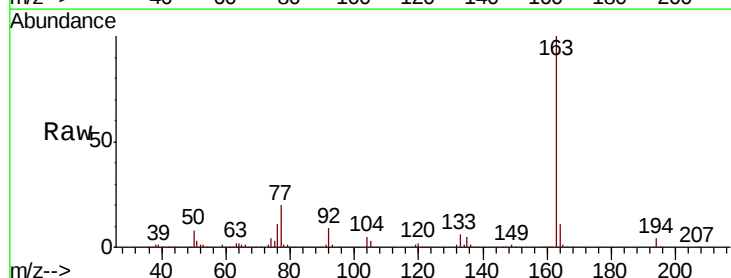
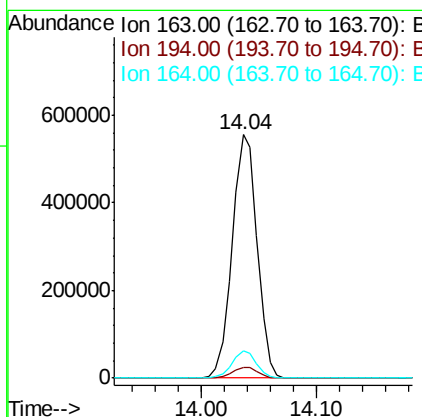
RT: 14.04 min Scan# 1863

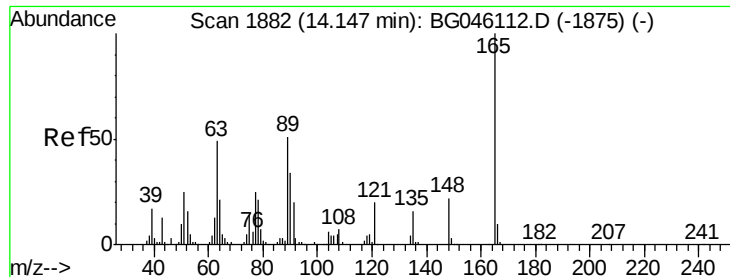
Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	163	Resp:	827578
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.1	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 46.828 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

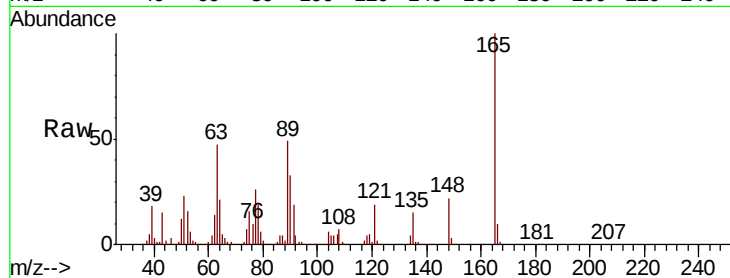
SU-01-073020MS

Tot Ion:165 Resp: 189570
Ion Ratio Lower Upper

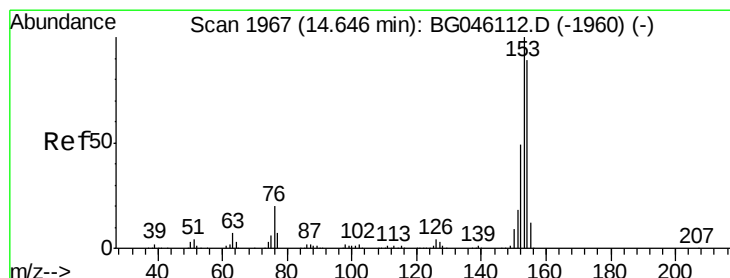
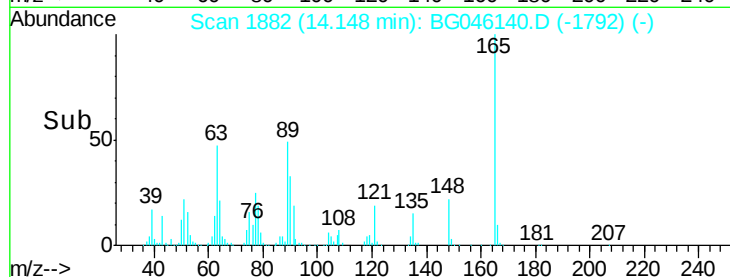
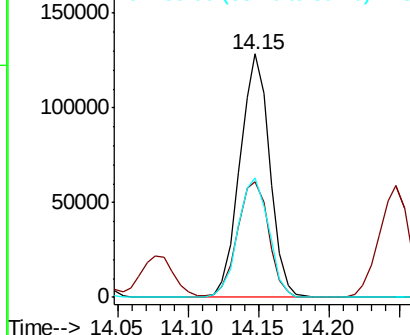
165	100		
63	47.3	39.7	59.5
89	48.8	41.0	61.6

Manual Integrations
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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



#52

Acenaphthene

Concen: 49.516 ng m

RT: 14.65 min Scan# 1967

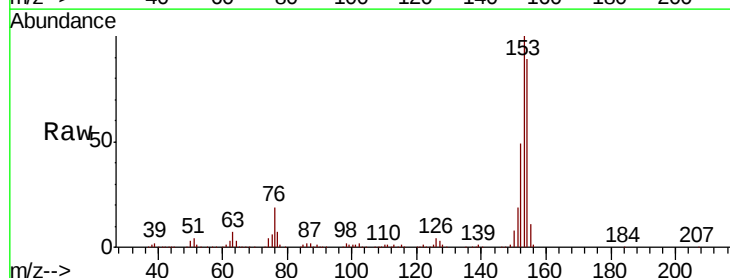
Delta R.T. 0.00 min

Lab File: BG046140.D

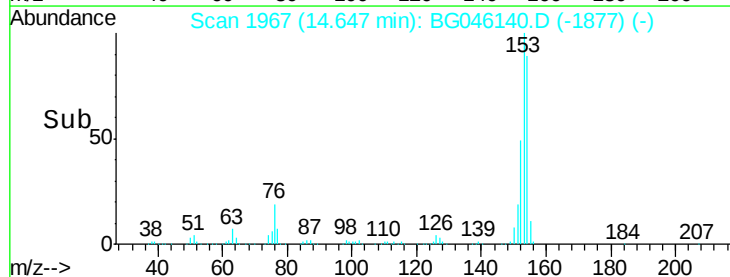
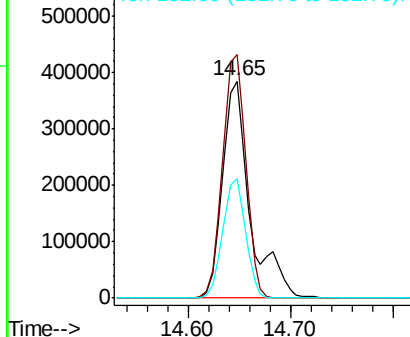
Acq: 1 Aug 2020 2:14

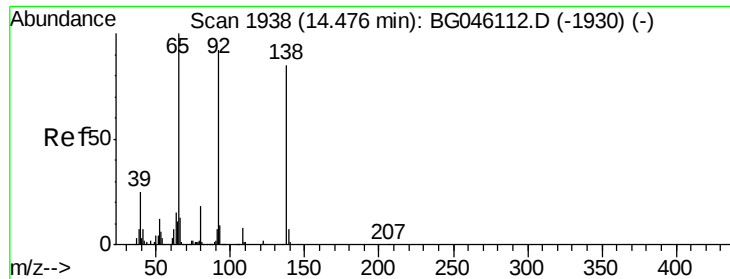
Tgt Ion:154 Resp: 719641
Ion Ratio Lower Upper

154	100		
153	112.2	89.8	134.8
152	54.9	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





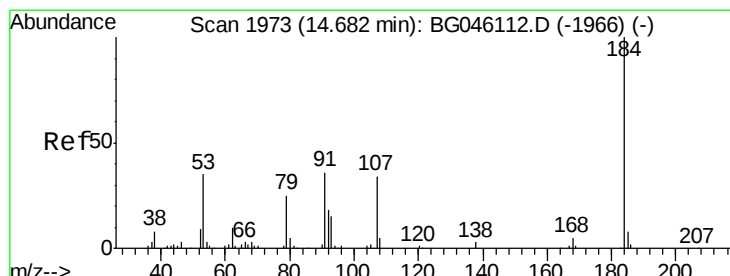
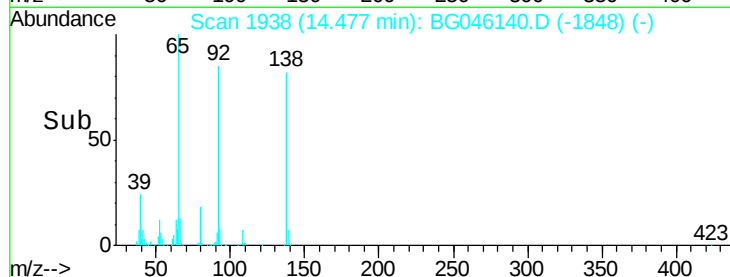
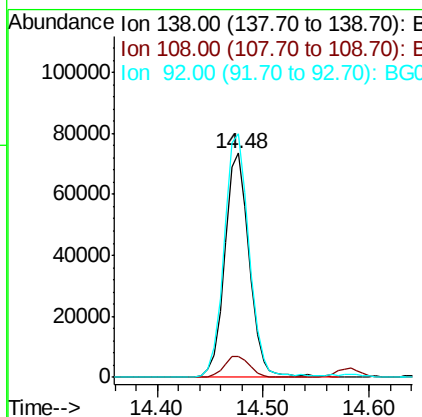
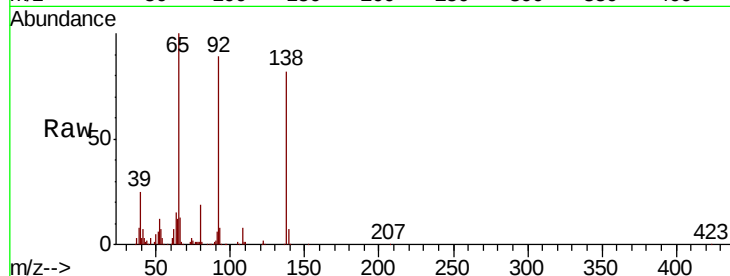
#53
3-Nitroaniline
Concen: 29.441 ng
RT: 14.48 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.2	10.8
92	108.5	87.5	131.3

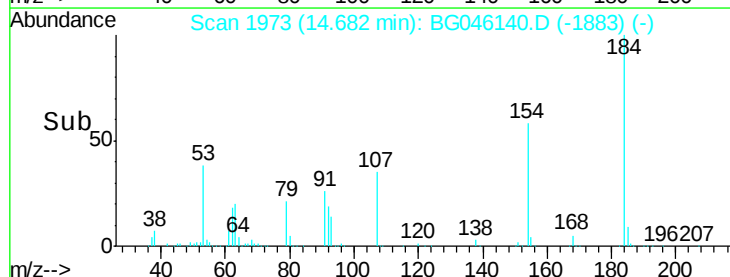
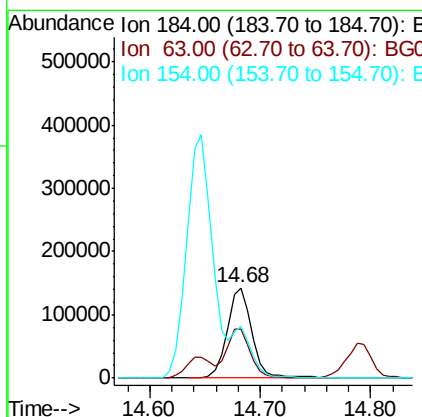
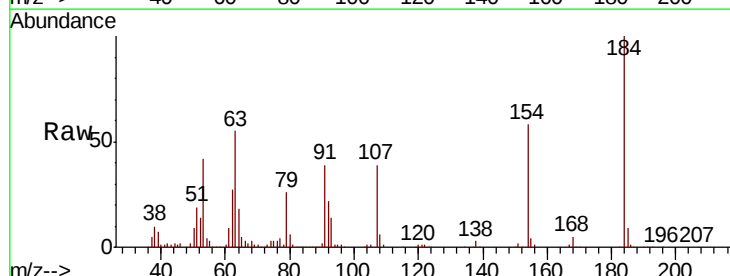
Manual Integrations
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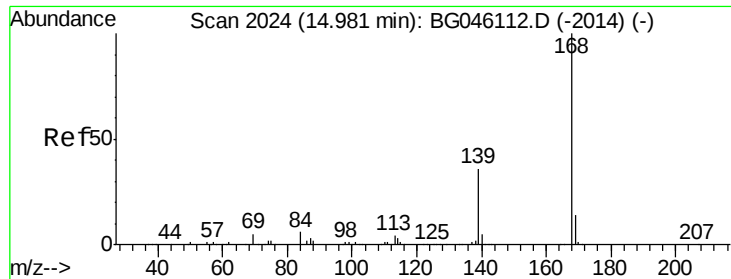
mohammad
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#54
2,4-Dinitrophenol
Concen: 86.482 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.9	36.7	55.1
154	57.7	41.3	61.9





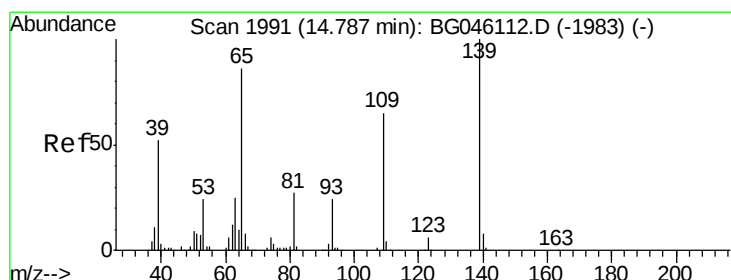
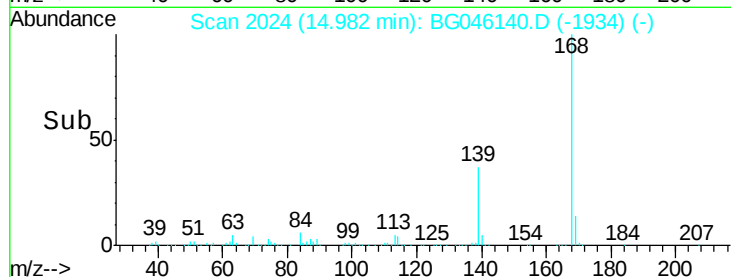
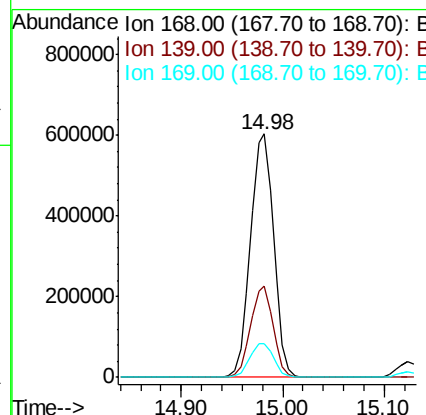
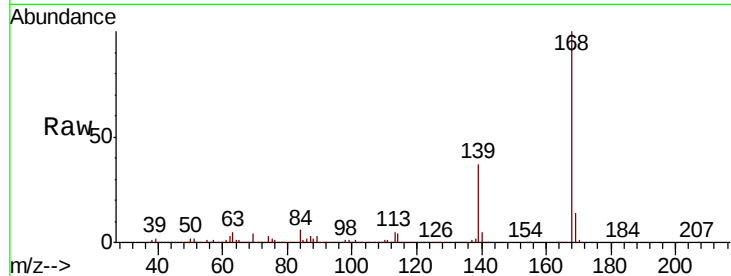
#55
Dibenzenofuran
Concen: 43.618 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.0	43.4
169	13.9	11.3	16.9

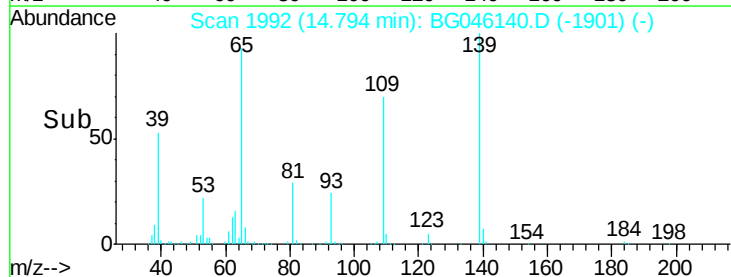
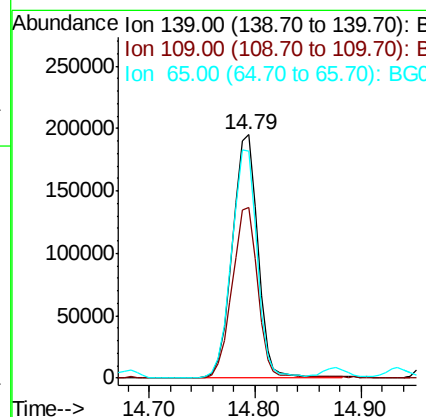
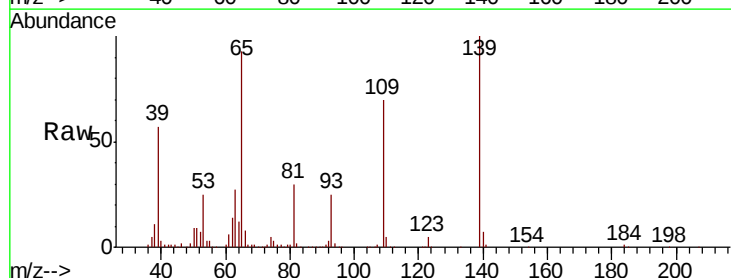
Manual Integrations
APPROVED

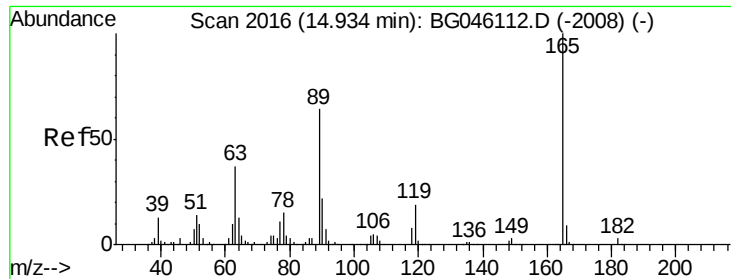
mohammad
8/3/2020 12:22:29 PM



#56
4-Nitrophenol
Concen: 93.448 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	45.1	85.1
65	93.2	66.4	106.4





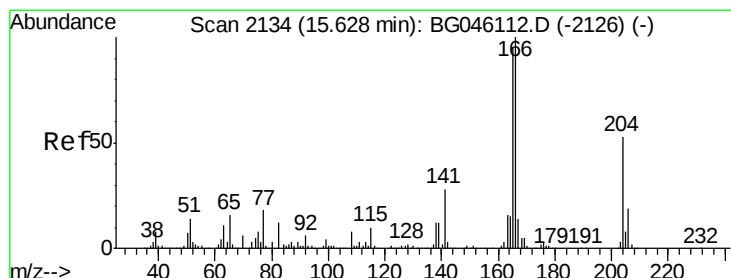
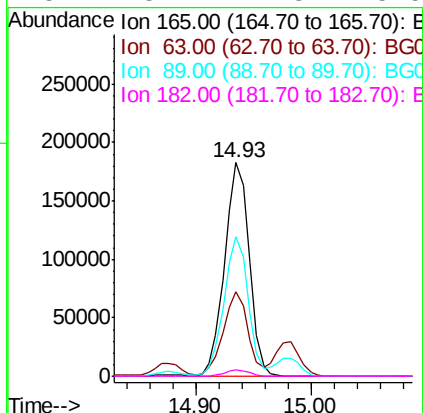
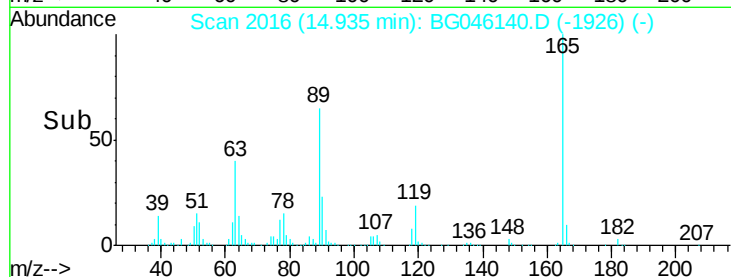
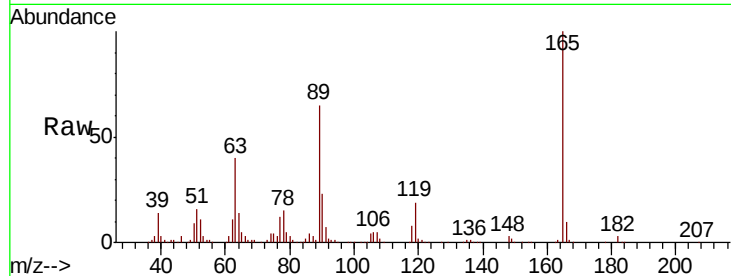
#57
2,4-Dinitrotoluene
Concen: 48.475 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		269811		
63	39.8		30.1	45.1	
89	65.3		51.4	77.2	
182	3.1		2.3	3.5	

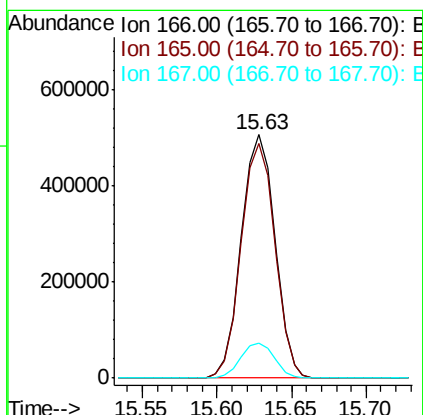
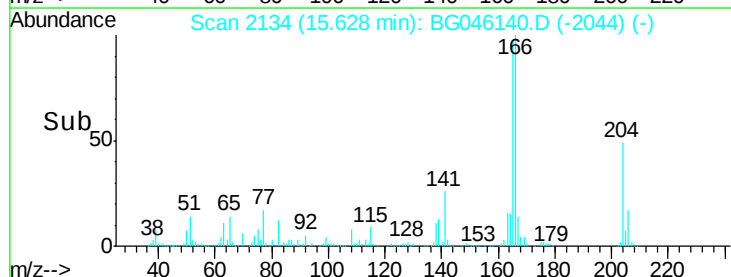
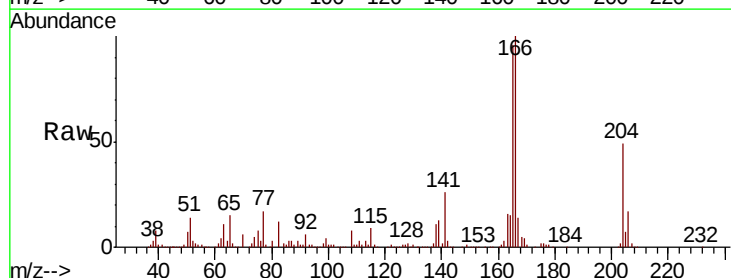
Manual Integrations
APPROVED

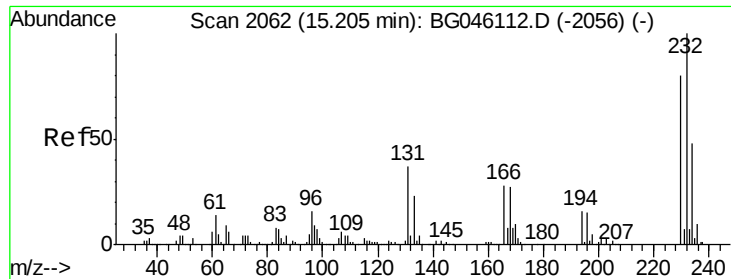
mohammad
8/3/2020 12:22:29 PM



#58
Fluorene
Concen: 44.482 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		789999		
165	96.4		76.3	114.5	
167	14.3		11.0	16.6	





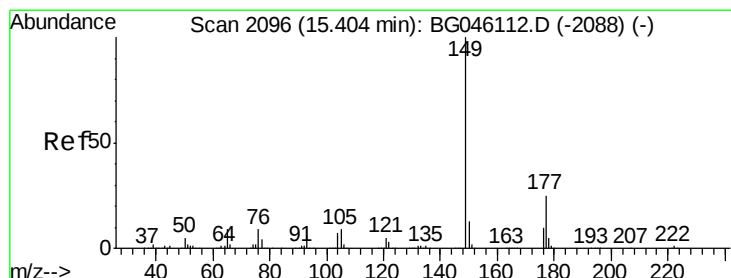
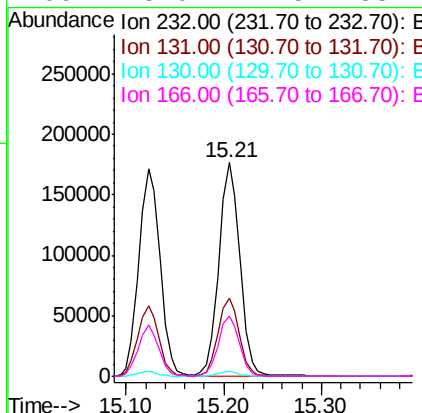
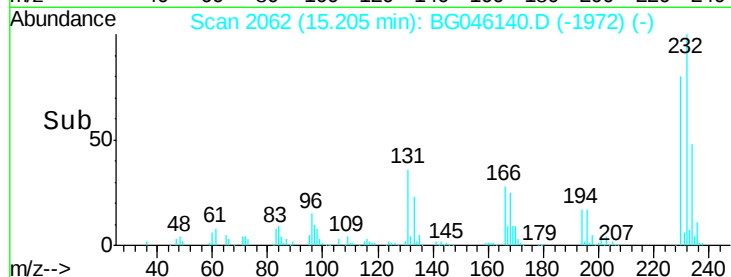
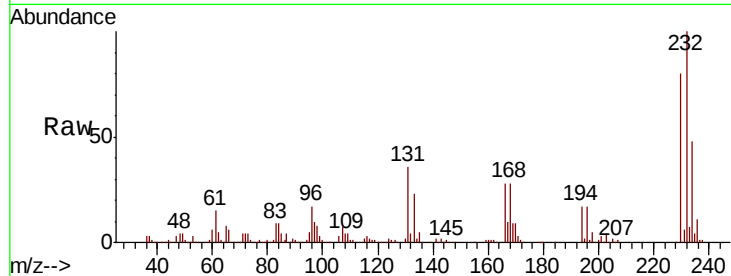
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.989 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	262294		
131	36.7	28.6	42.8	
130	2.2	1.6	2.4	
166	28.0	22.5	33.7	

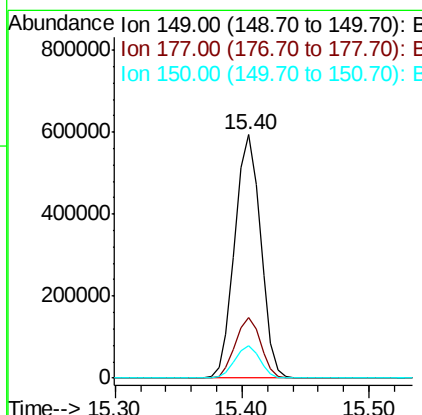
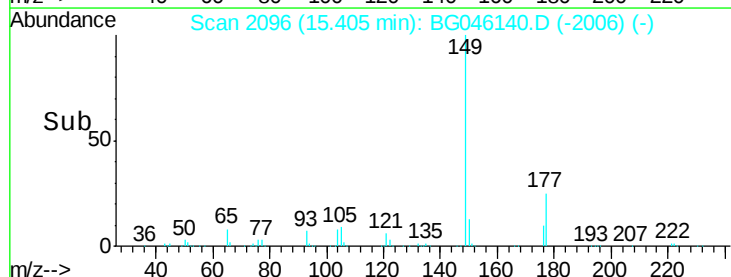
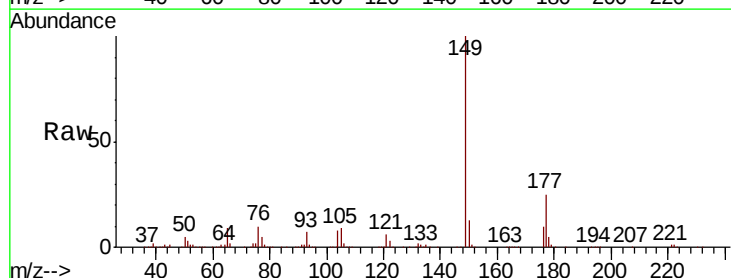
Manual Integrations
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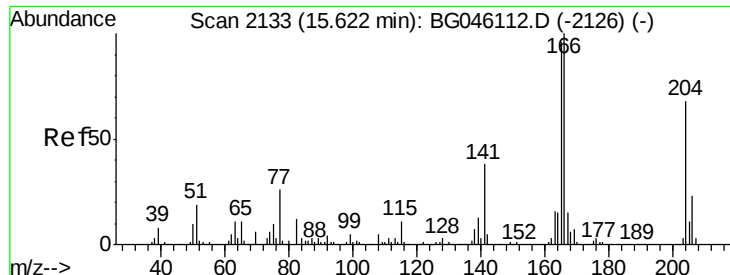
mohammad
 8/3/2020 12:22:29 PM



#60
 Diethylphthalate
 Concen: 48.920 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	837089		
177	24.9	19.7	29.5	
150	13.2	10.8	16.2	





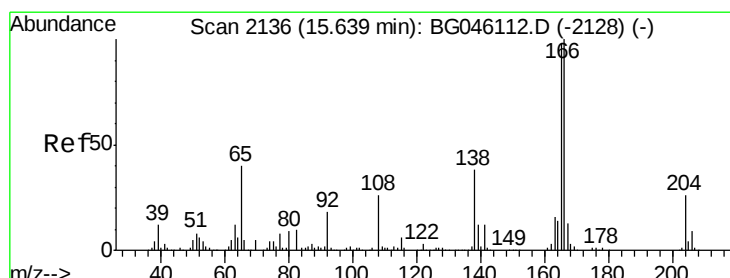
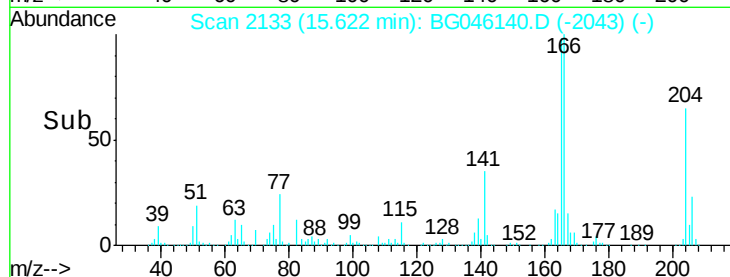
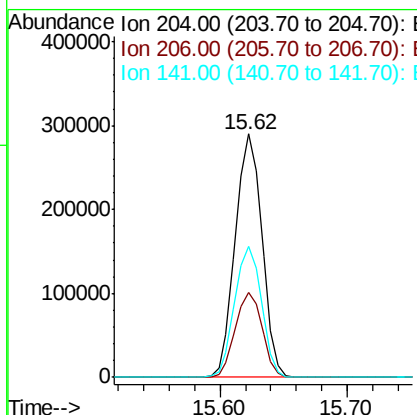
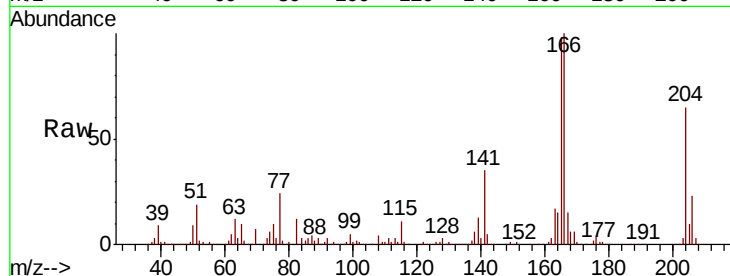
#61
 4-Chlorophenyl-phenylether
 Concen: 45.566 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	422665		
206	34.7	27.7	41.5	
141	53.9	44.7	67.1	

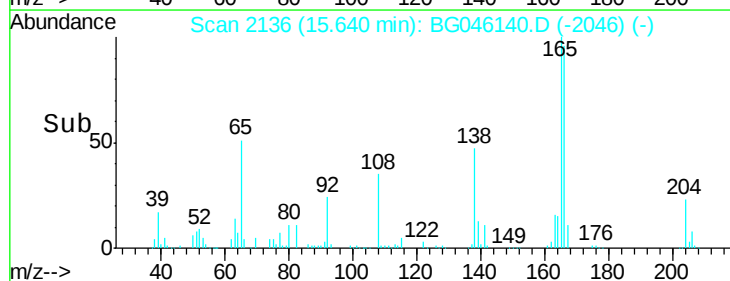
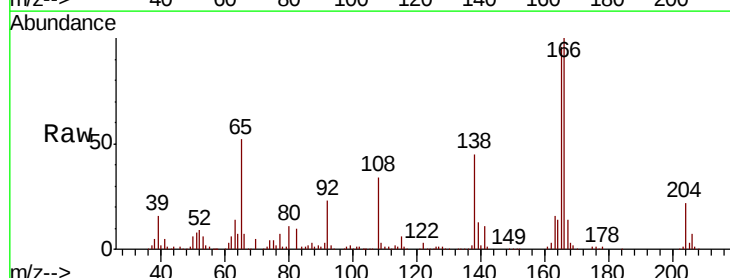
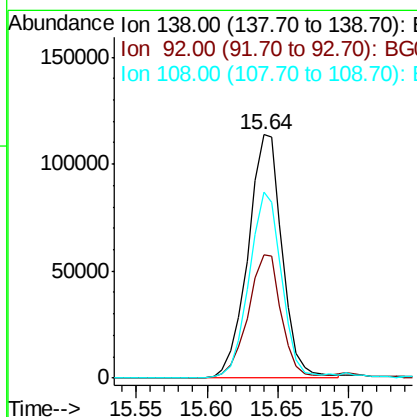
Manual Integrations
 APPROVED

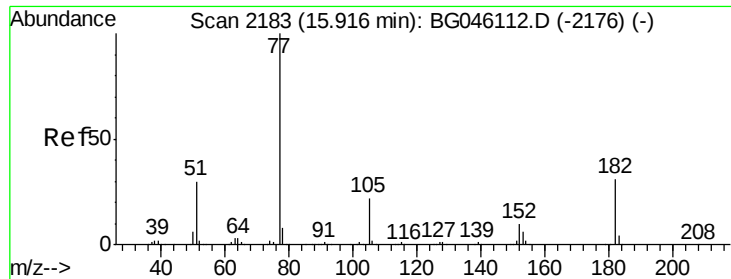
mohammad
 8/3/2020 12:22:29 PM



#62
 4-Nitroaniline
 Concen: 47.943 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	193517		
92	50.7	28.3	68.3	
108	76.4	49.2	89.2	





#63

Azobenzene

Concen: 47.066 ng

RT: 15.92 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

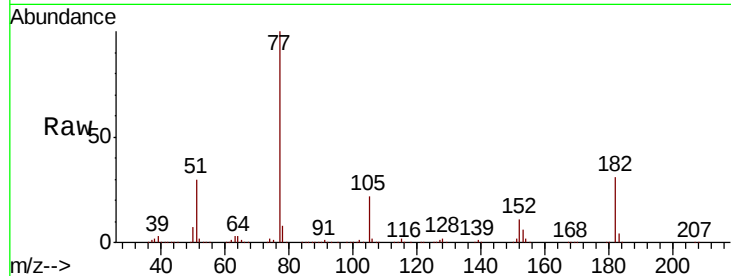
ClientSampleId :

SU-01-073020MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.2	10.7	50.7	
105	21.9	1.9	41.9	
51	30.5	9.5	49.5	

Manual Integrations
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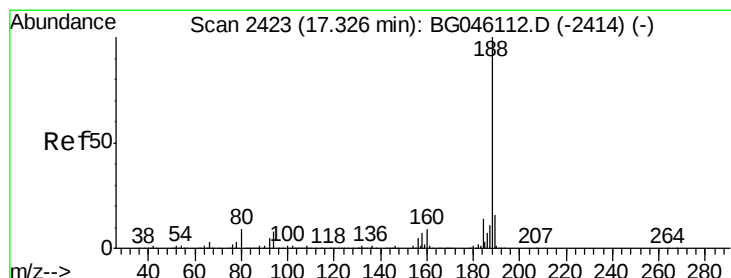
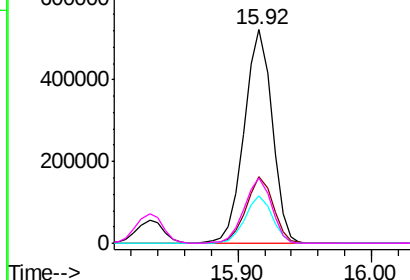
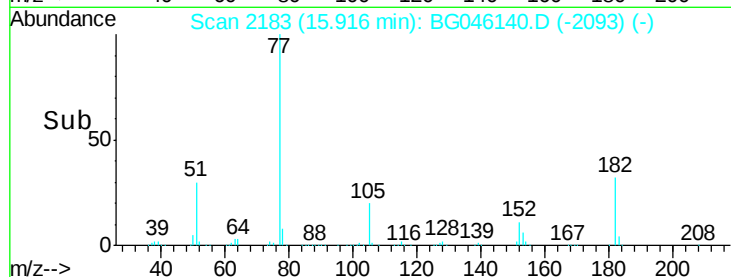


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

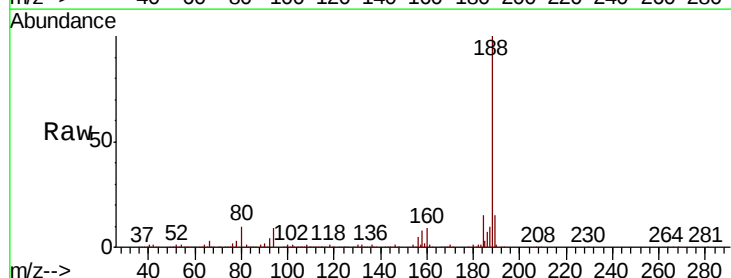
RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

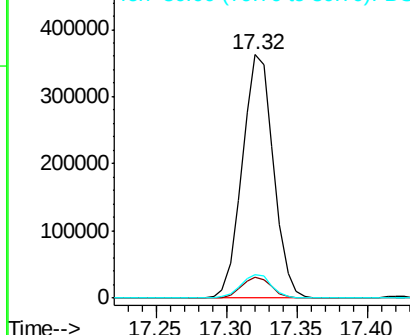
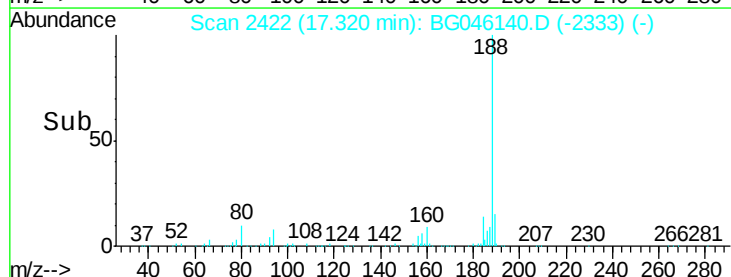
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	6.4	9.6	
80	9.8	7.4	11.0	

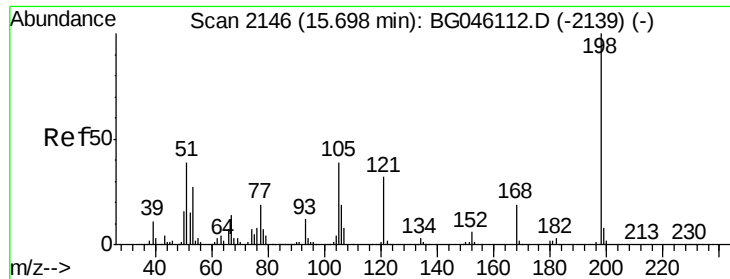


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.949 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

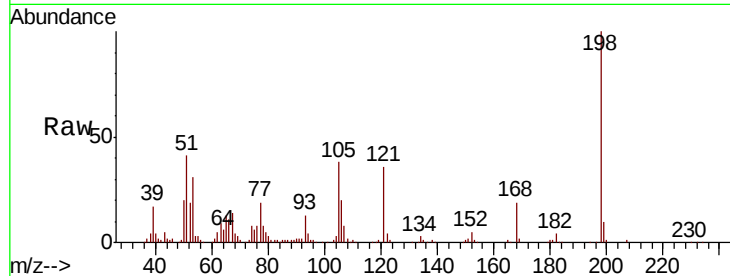
ClientSampleId :

SU-01-073020MS

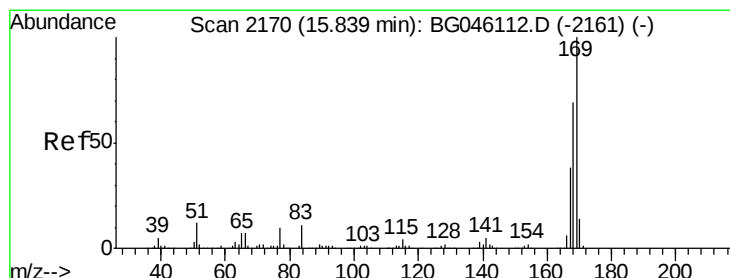
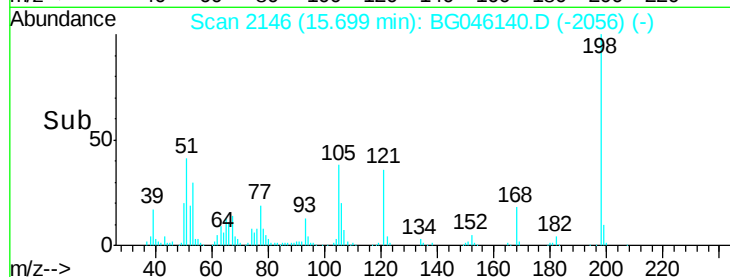
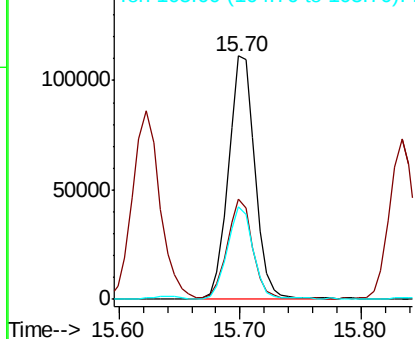
Tot Ion:	198	Resp:	170314
Ion Ratio	Lower	Upper	
198	100		
51	41.1	20.1	60.1
105	37.9	19.2	59.2

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.526 ng

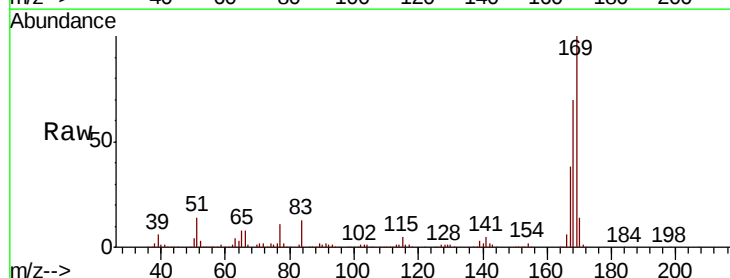
RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

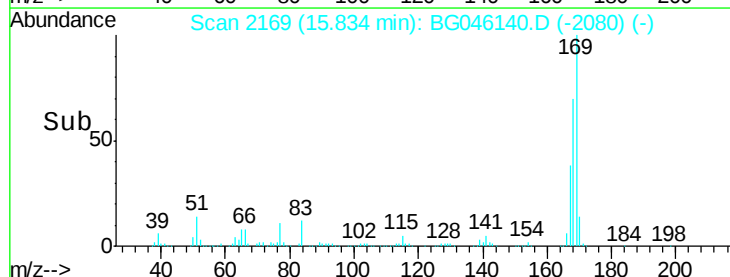
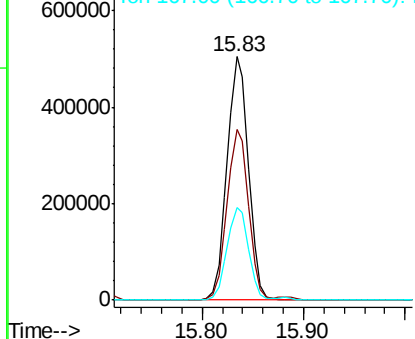
Lab File: BG046140.D

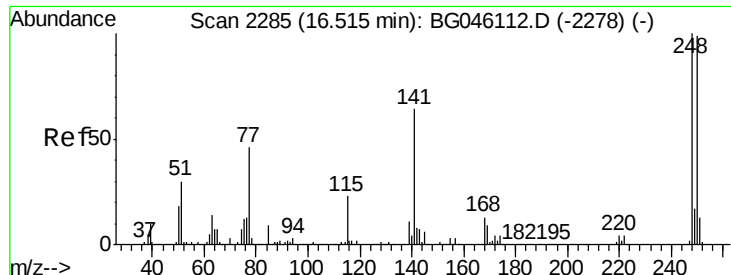
Acq: 1 Aug 2020 2:14

Tgt Ion:	169	Resp:	738412
Ion Ratio	Lower	Upper	
169	100		
168	69.9	55.1	82.7
167	38.1	30.5	45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





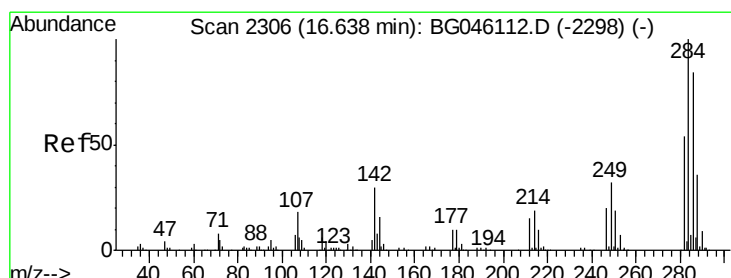
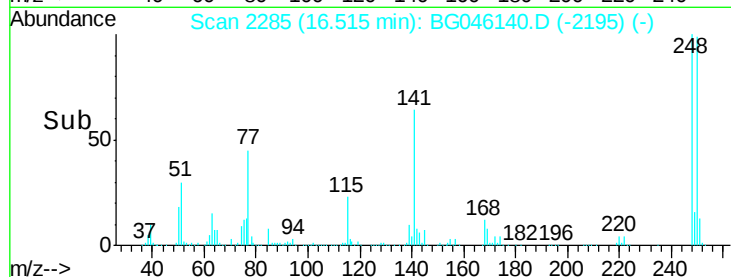
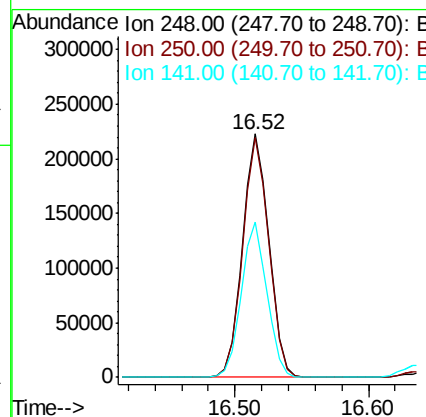
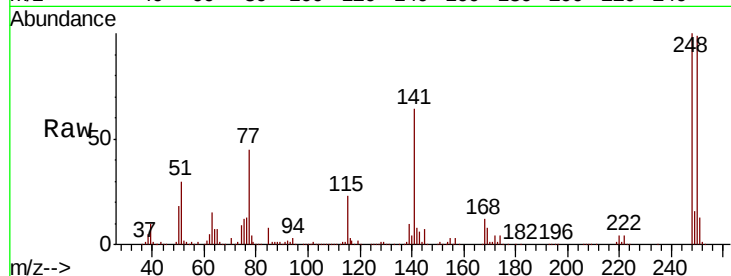
#67
 4-Bromophenyl-phenylether
 Concen: 43.805 ng
 RT: 16.52 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.0
141	63.7	50.9	76.3

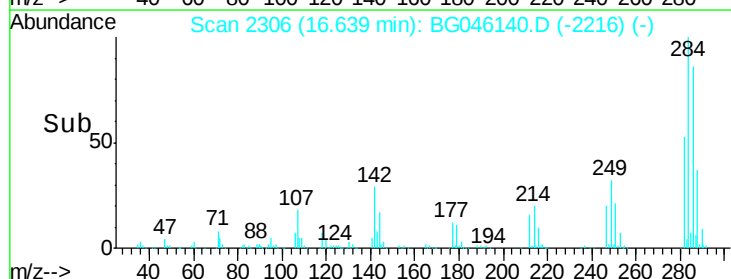
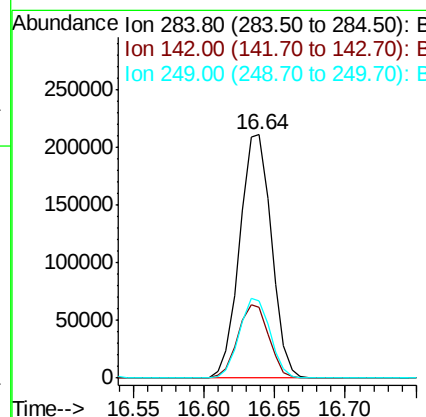
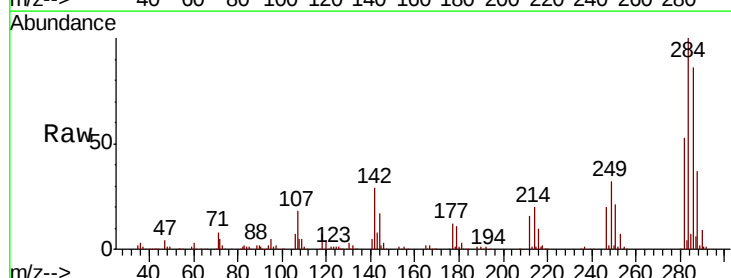
Manual Integrations
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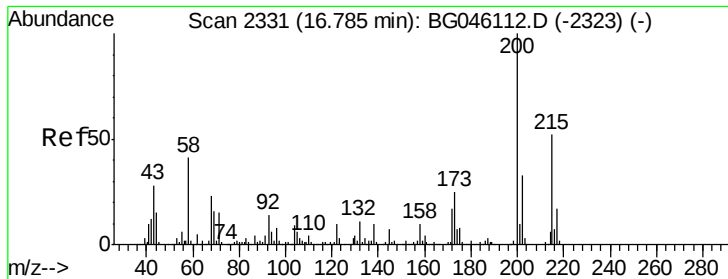
mohammad
 8/3/2020 12:22:29 PM



#68
 Hexachlorobenzene
 Concen: 42.616 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	23.6	35.4
249	31.8	25.3	37.9





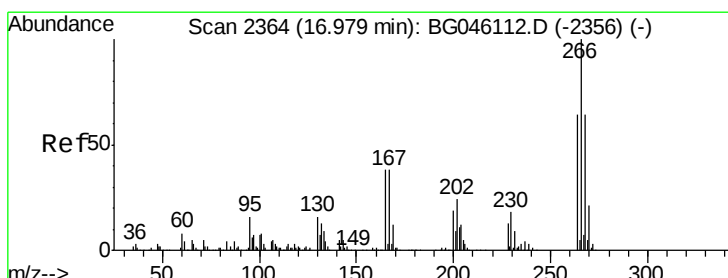
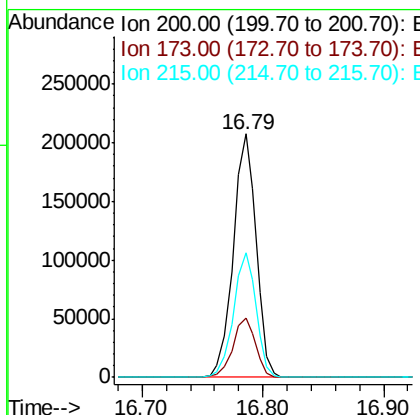
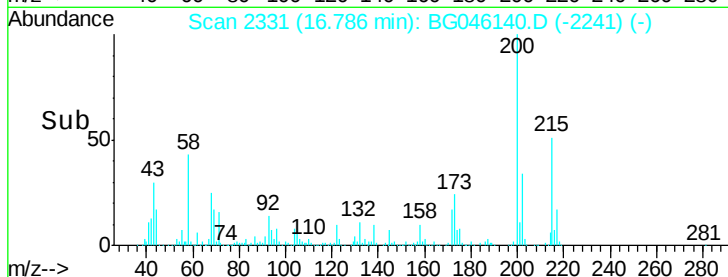
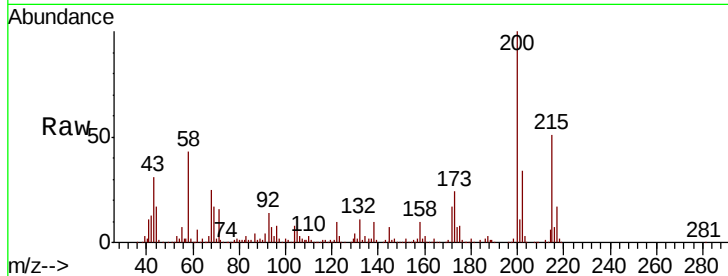
#69
Atrazine
Concen: 41.811 ng
RT: 16.79 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.3	5.3	45.3
215	51.2	31.5	71.5

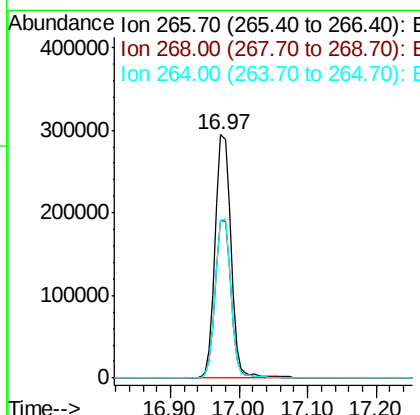
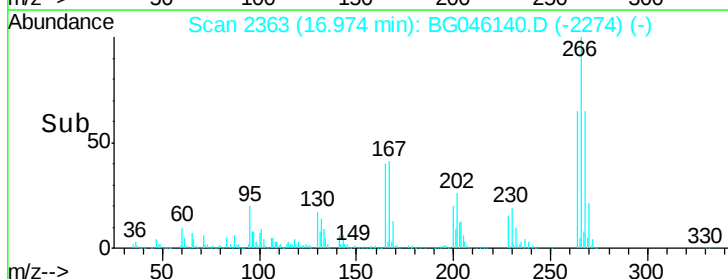
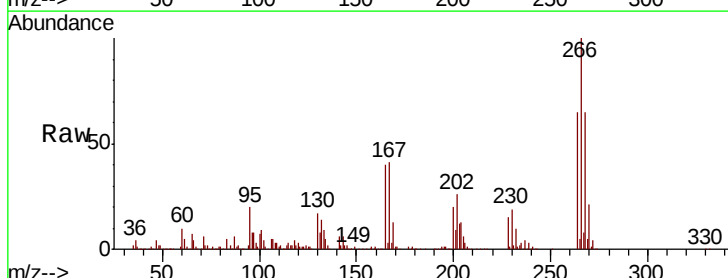
Manual Integrations
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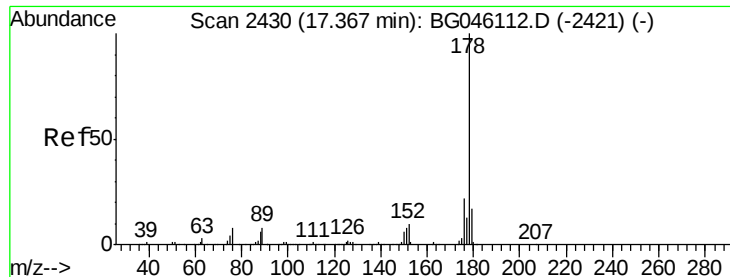
mohammad
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#70
Pentachlorophenol
Concen: 93.578 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.6	51.2	76.8
264	64.7	51.1	76.7





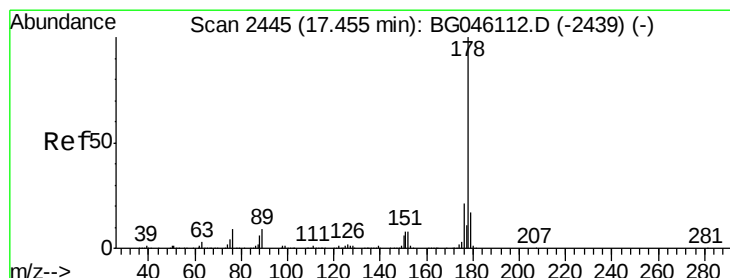
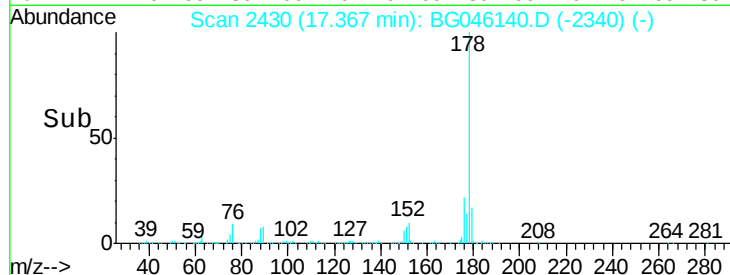
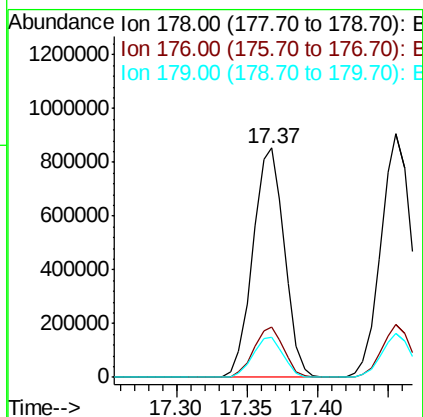
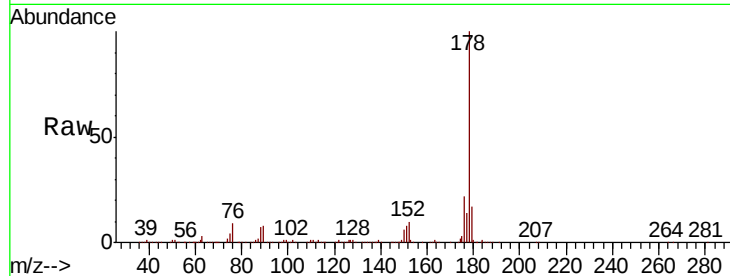
#71
Phenanthrene
Concen: 43.476 ng
RT: 17.37 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.1	17.3	25.9
179	17.3	13.8	20.6

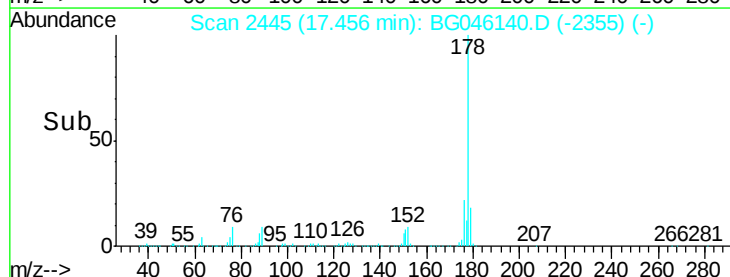
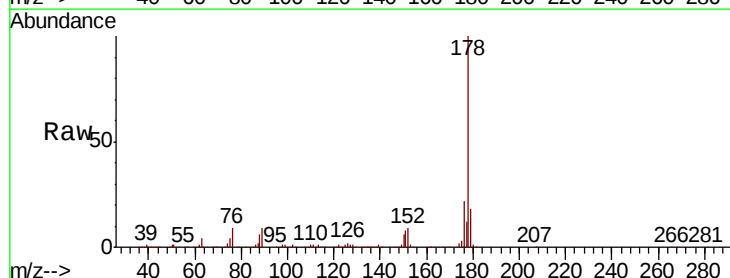
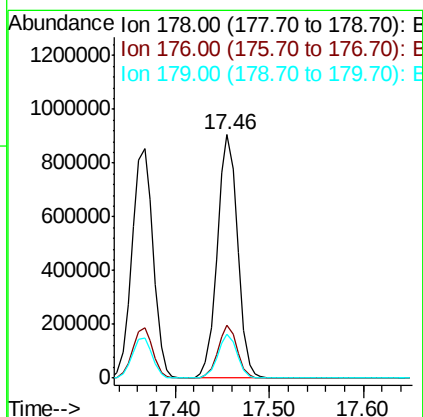
Manual Integrations
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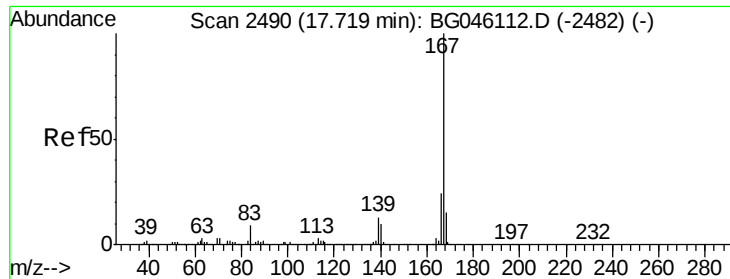
mohammad
8/3/2020 12:22:29 PM



#72
Anthracene
Concen: 44.794 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.6	24.8
179	17.8	13.4	20.2





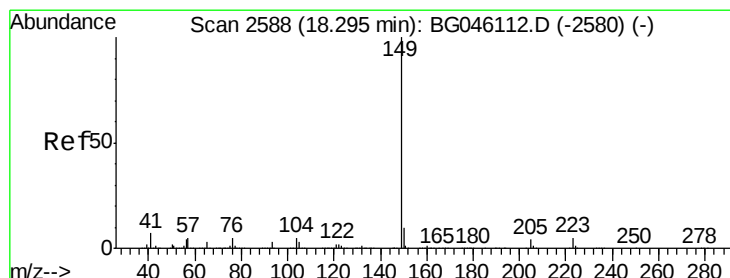
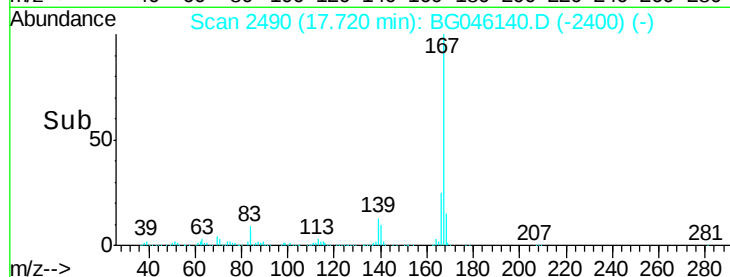
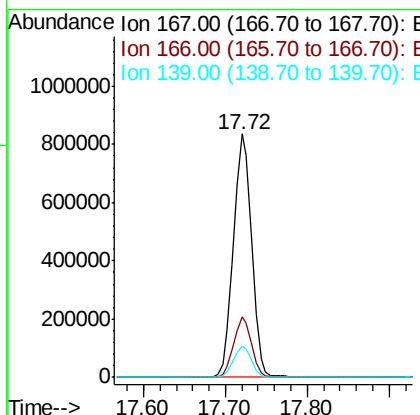
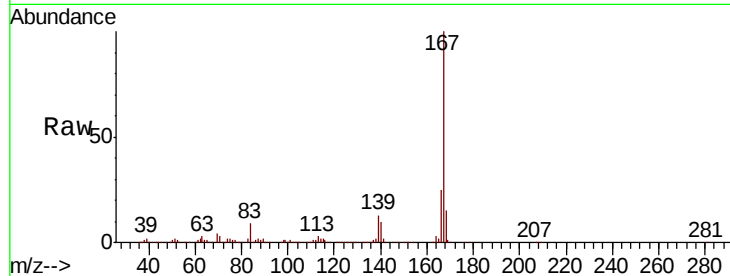
#73
 Carbazole
 Concen: 44.442 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.4	29.0
139	13.0	10.1	15.1

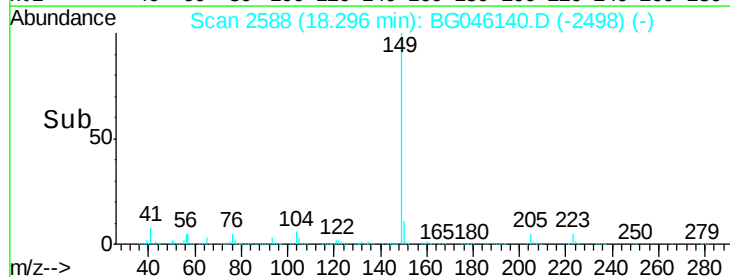
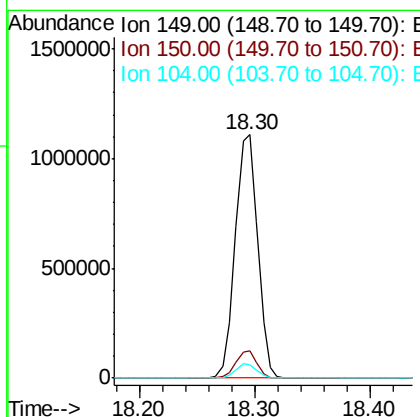
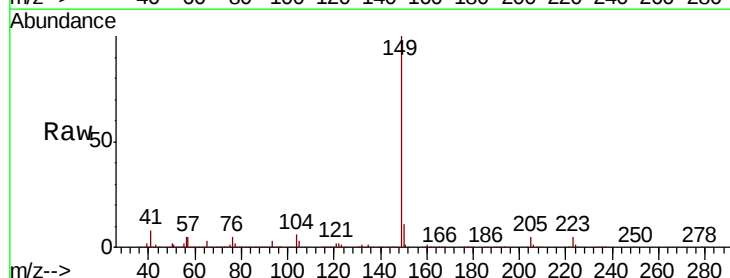
Manual Integrations
 APPROVED

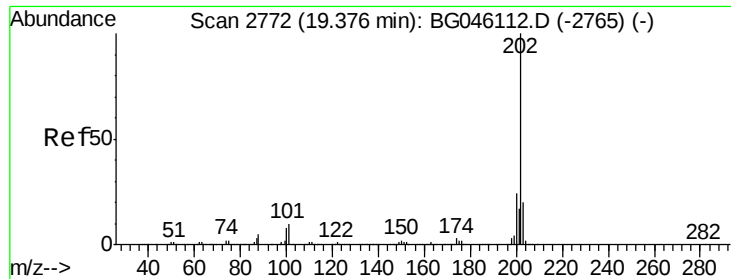
mohammad
 8/3/2020 12:22:29 PM



#74
 Di-n-butylphthalate
 Concen: 48.383 ng
 RT: 18.30 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.4	12.6
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 44.740 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

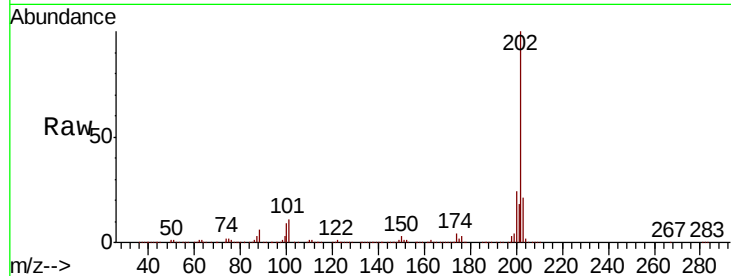
ClientSampleId :

SU-01-073020MS

Tot Ion:	202	Resp:	1714800
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.0
203	20.7	0.2	40.2

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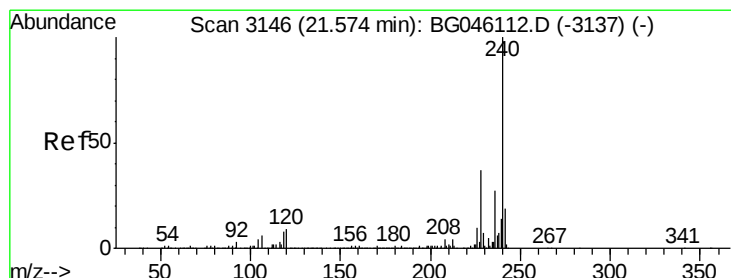
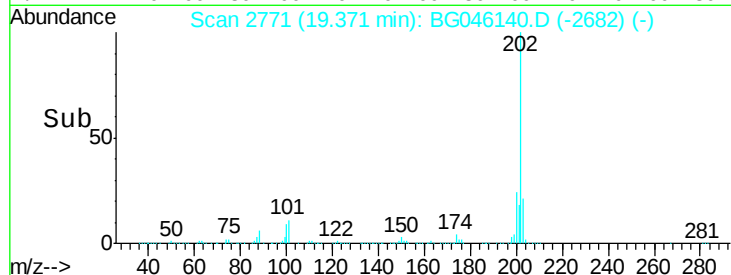
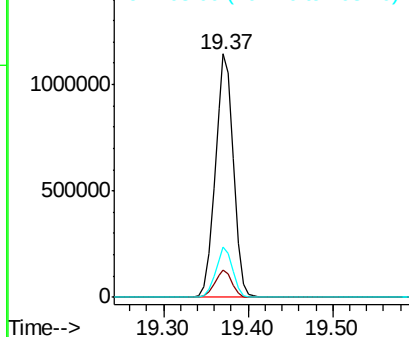


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

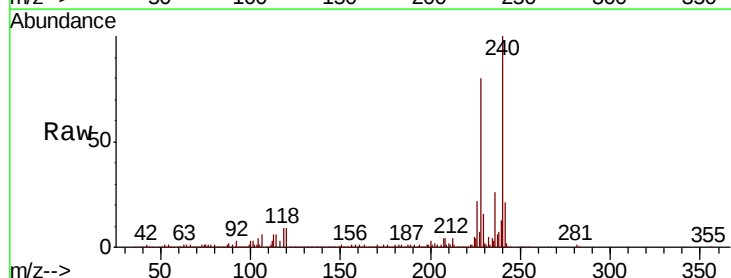
RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	240	Resp:	584141
Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.1	10.7
236	26.1	21.7	32.5

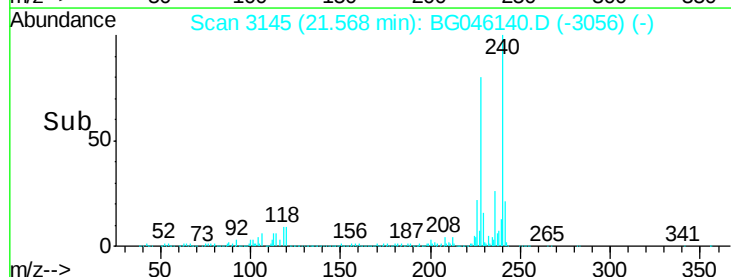
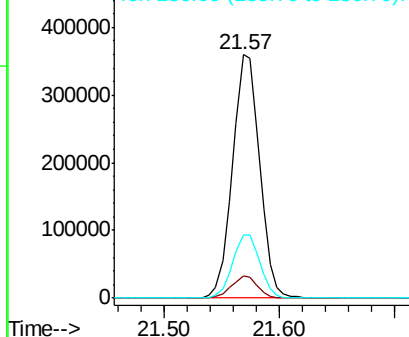


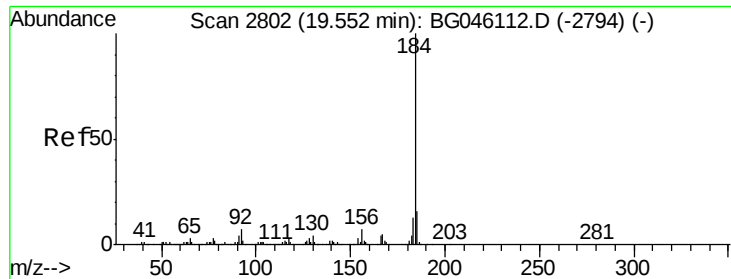
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.487 ng

RT: 19.55 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

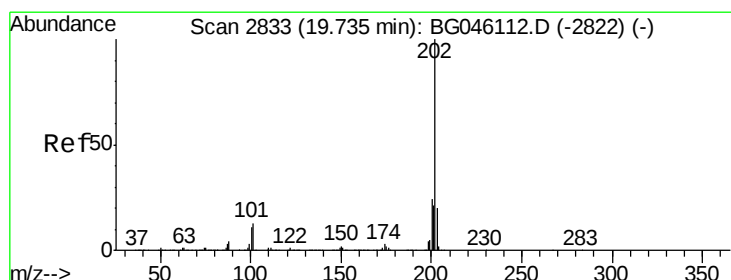
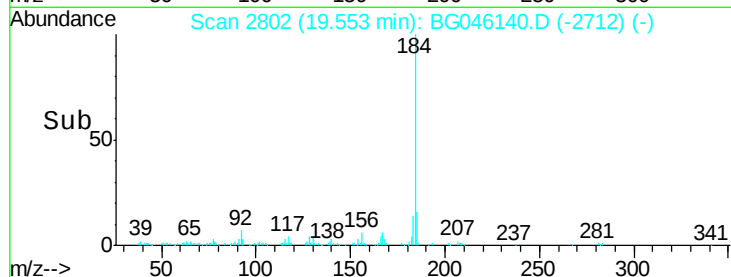
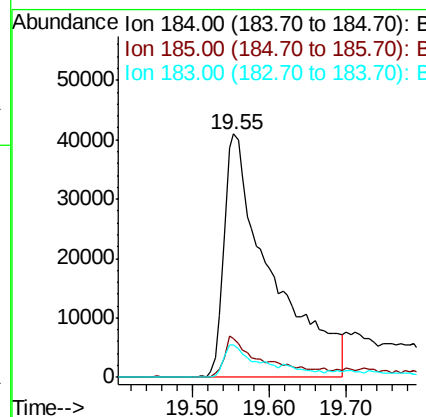
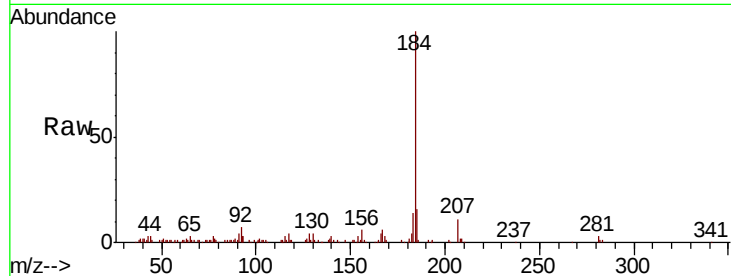
ClientSampleId :

SU-01-073020MS

Tot Ion:	184	Resp:	173520
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.0	19.4
183	13.5	10.5	15.7

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#78

Pyrene

Concen: 43.811 ng

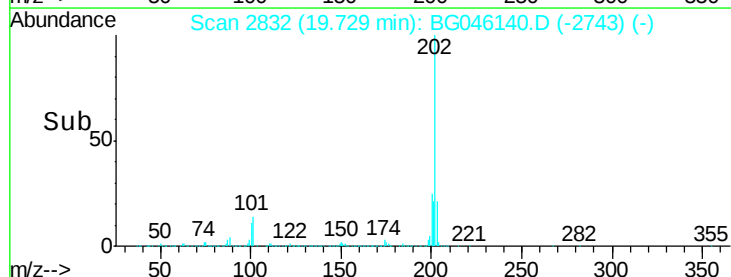
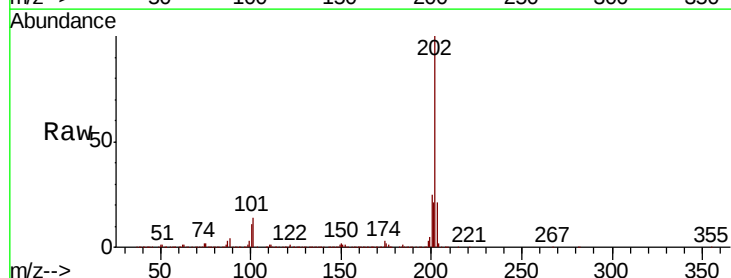
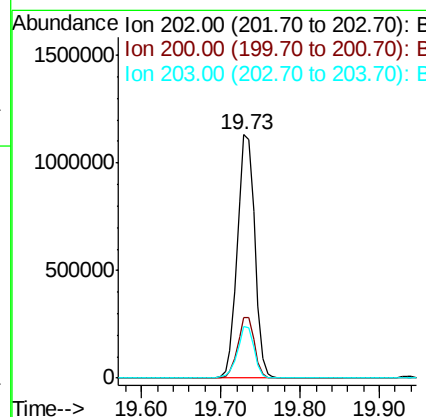
RT: 19.73 min Scan# 2832

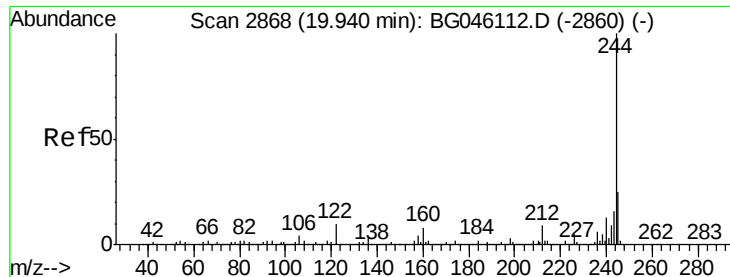
Delta R.T. -0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	202	Resp:	1719540
Ion Ratio	Lower	Upper	
202	100		
200	25.0	19.5	29.3
203	21.1	16.2	24.2





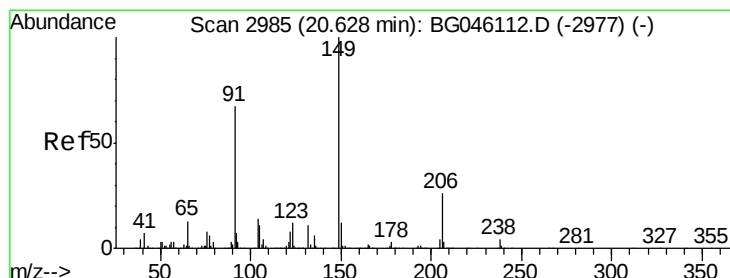
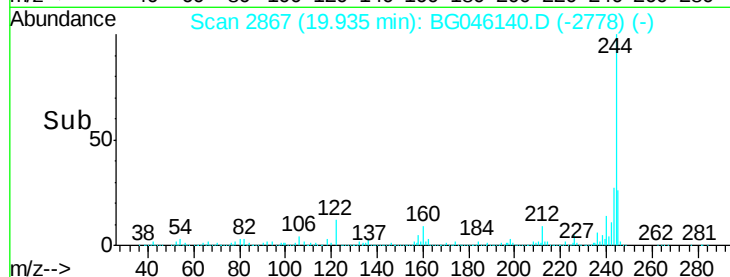
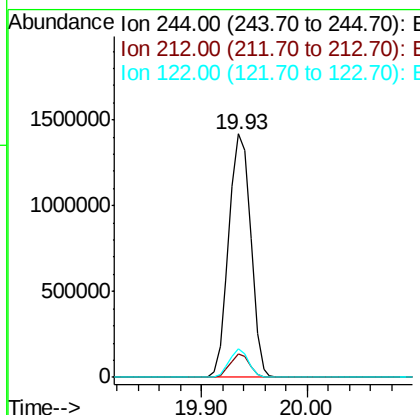
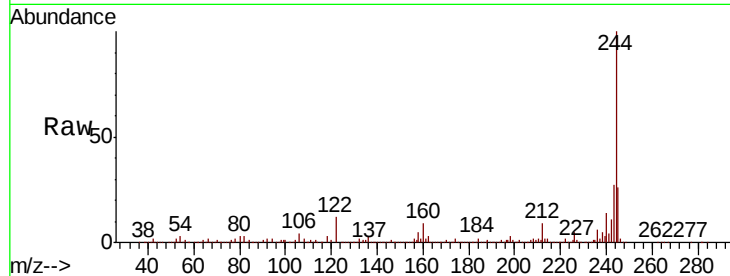
#79
 Terphenyl-d14
 Concen: 71.176 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	11.6	8.3	12.5

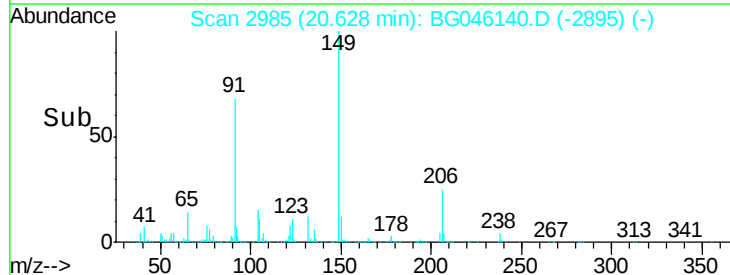
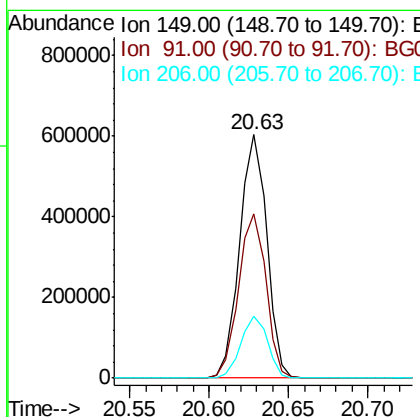
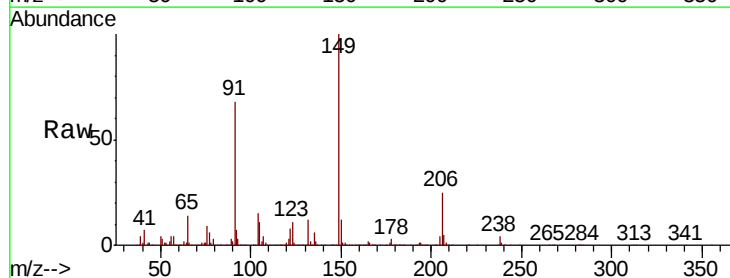
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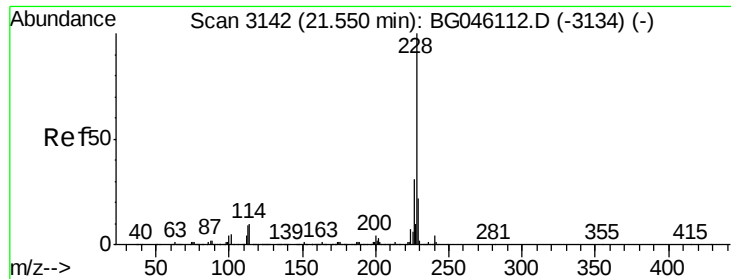
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.366 ng
 RT: 20.63 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	53.8	80.8
206	25.5	20.4	30.6





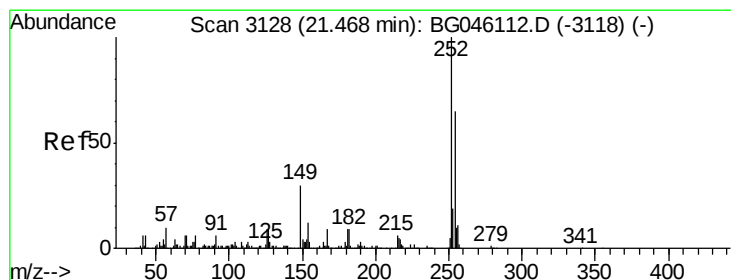
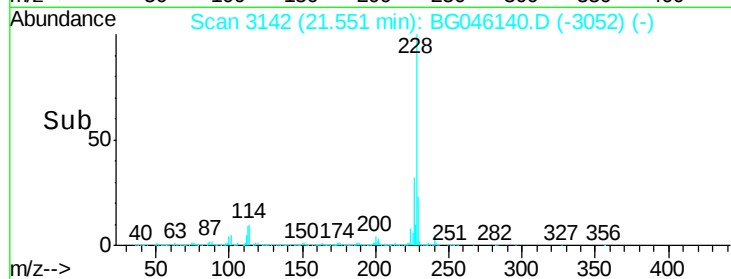
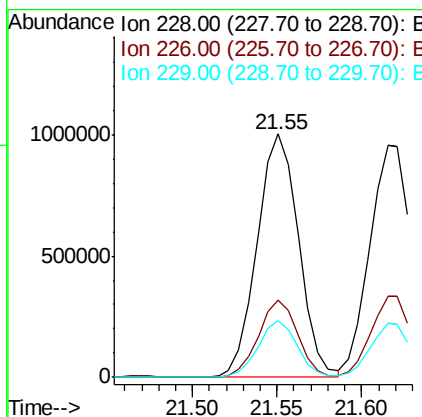
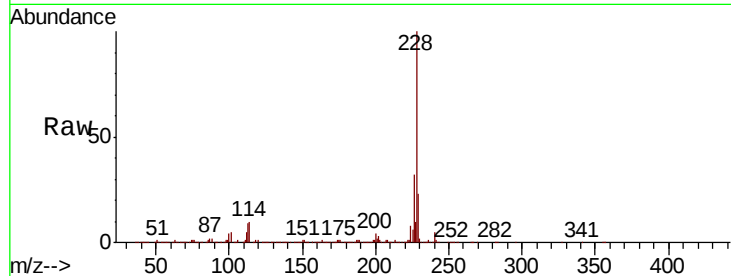
#81
Benzo(a)anthracene
Concen: 43.899 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.7	37.1
229	23.1	17.8	26.8

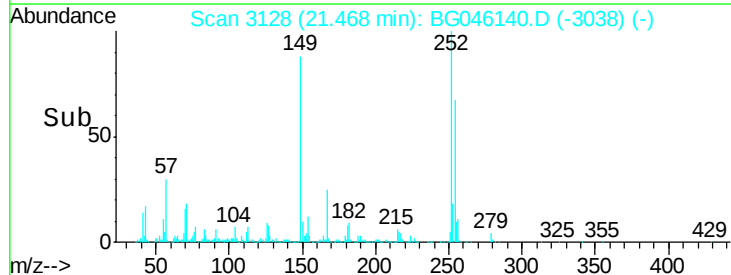
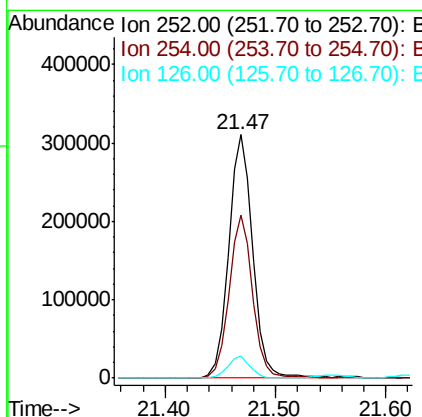
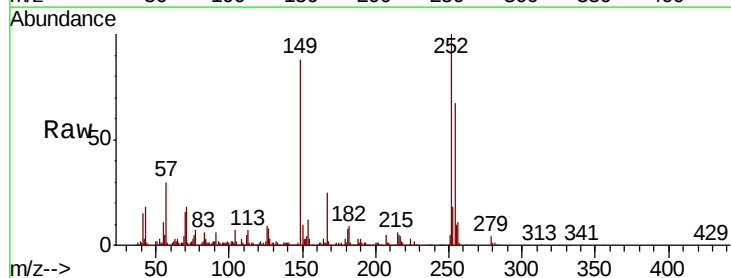
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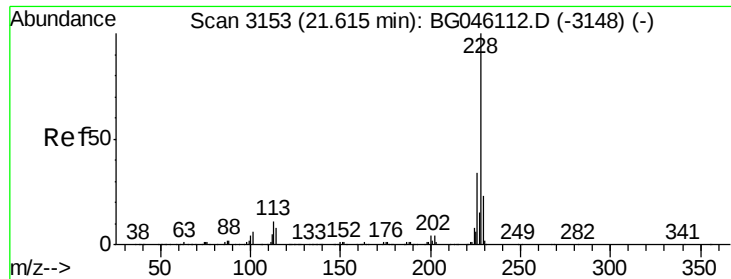
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.101 ng
RT: 21.47 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.8	77.8
126	9.0	7.1	10.7





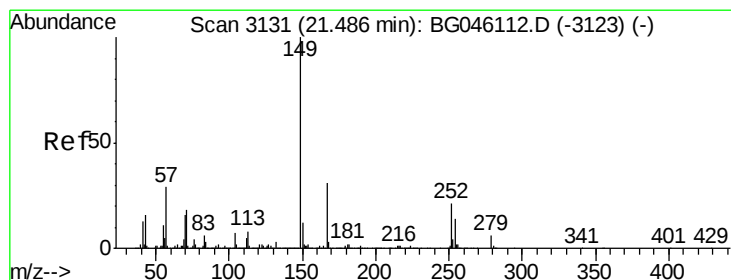
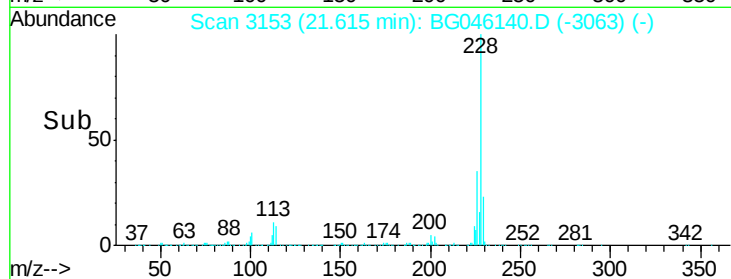
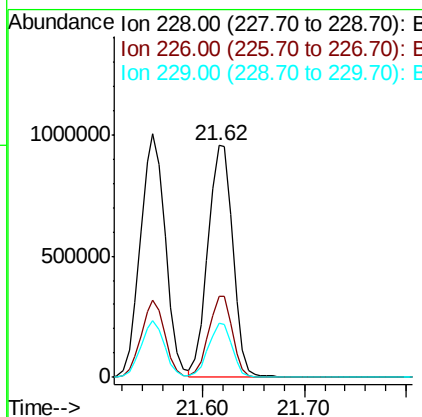
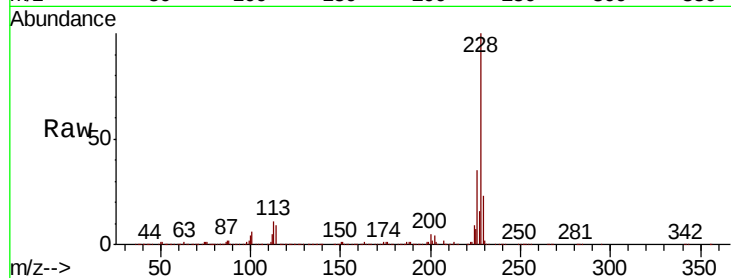
#83
 Chrvsene
 Concen: 42.507 ng
 RT: 21.62 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion:	228	Resp:	1627744
Ion	Ratio	Lower	Upper
228	100		
226	34.8	26.9	40.3
229	23.2	18.2	27.4

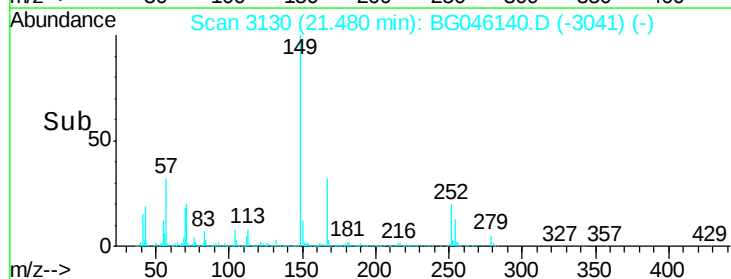
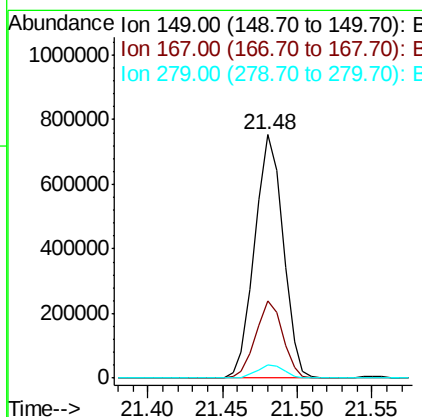
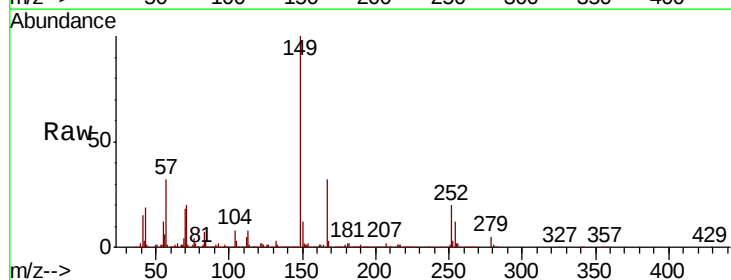
Manual Integrations
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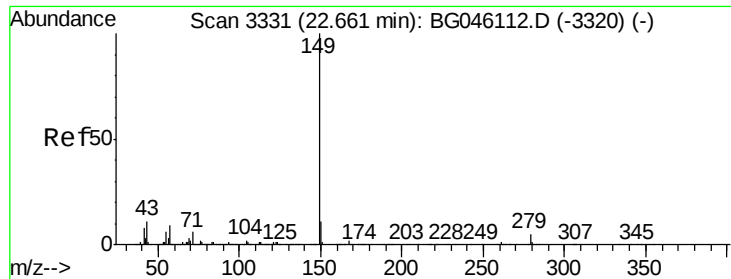
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.669 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion:	149	Resp:	989268
Ion	Ratio	Lower	Upper
149	100		
167	31.7	24.8	37.2
279	5.5	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 49.387 ng

RT: 22.66 min Scan# 3331

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

ClientSampleId :

SU-01-073020MS

Tot Ion:149 Resp: 1699726

Ion Ratio Lower Upper

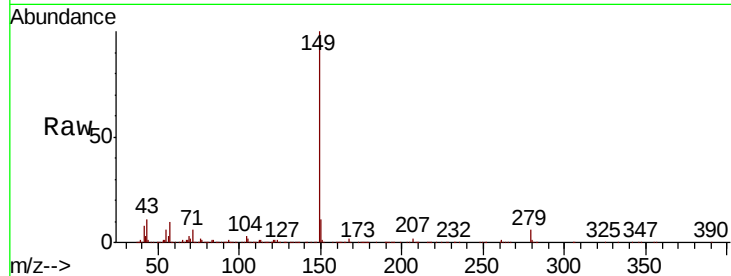
149 100

167 1.9 1.4 2.2

43 10.9 7.8 11.8

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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): B

1200000

1000000

800000

600000

400000

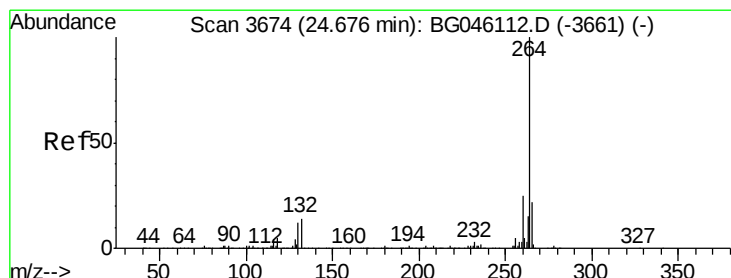
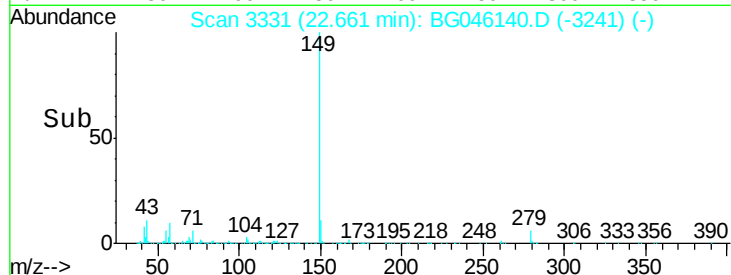
200000

0

22.66

22.70

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

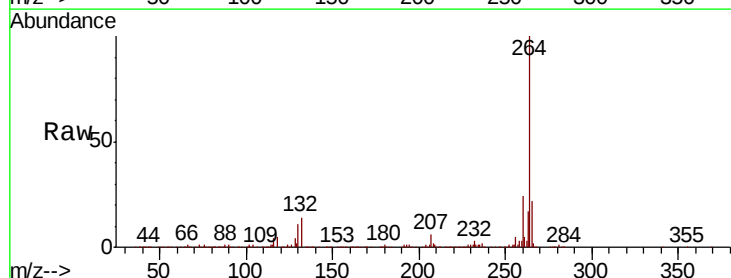
Tgt Ion:264 Resp: 625610

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 22.1 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

300000

250000

200000

150000

100000

50000

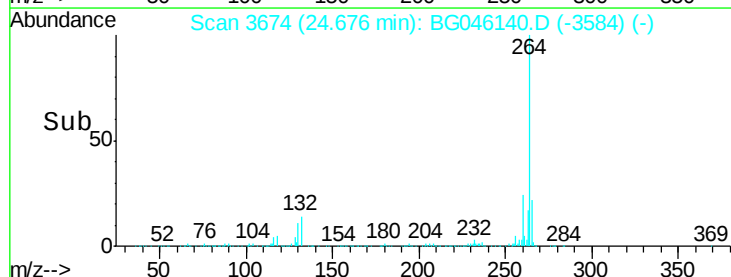
0

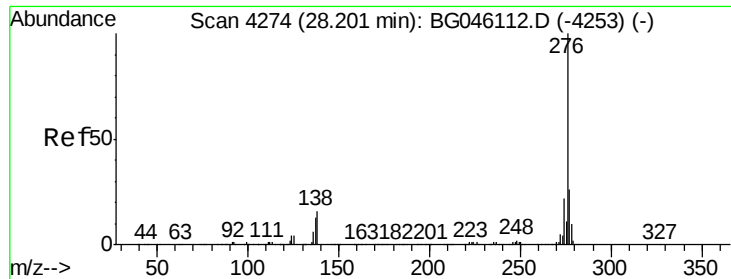
24.68

24.70

24.80

Time-->





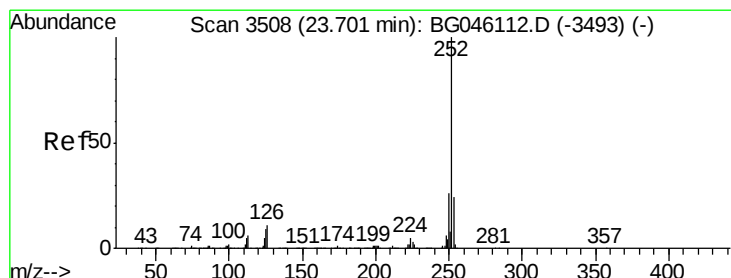
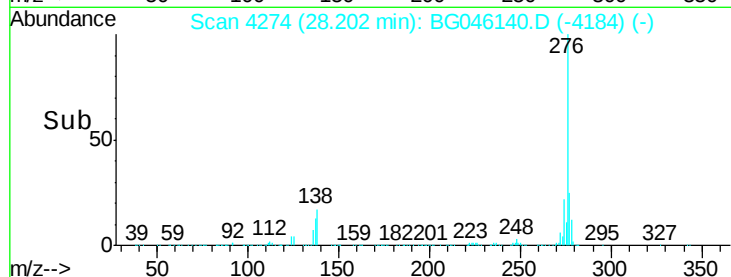
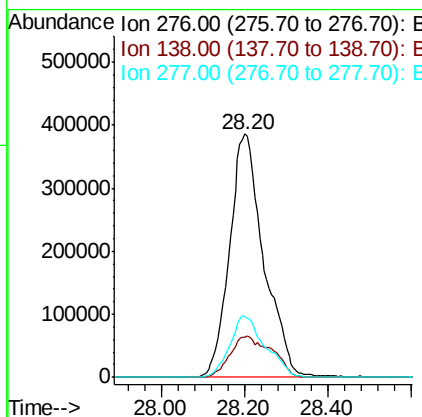
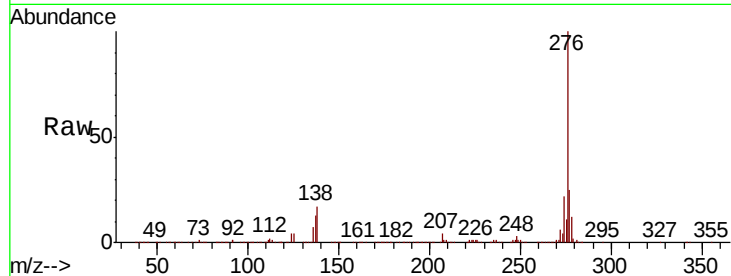
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.253 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	11.6	17.4#
277	26.0	20.8	31.2

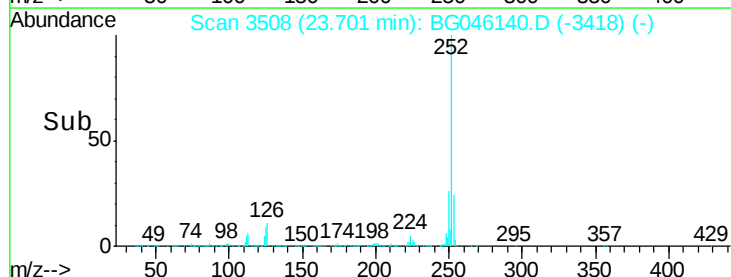
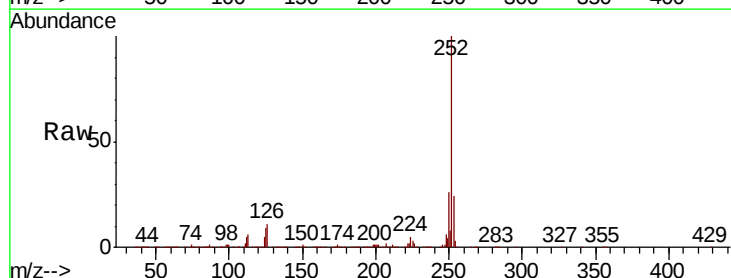
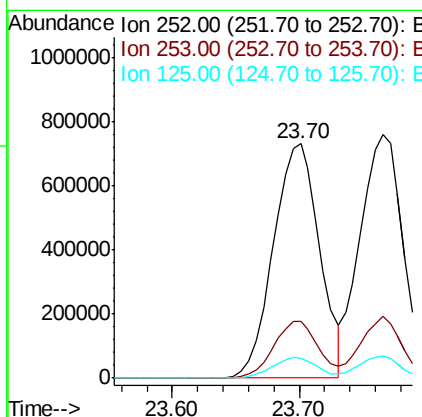
Manual Integrations
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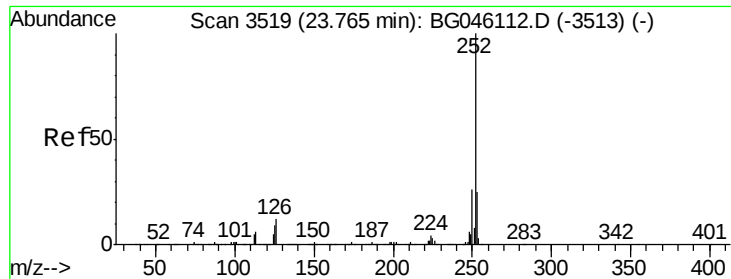
mohammad
 8/3/2020 12:22:29 PM



#88
 Benzo(b)fluoranthene
 Concen: 44.057 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. 0.00 min
 Lab File: BG046140.D
 Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	8.6	7.2	10.8





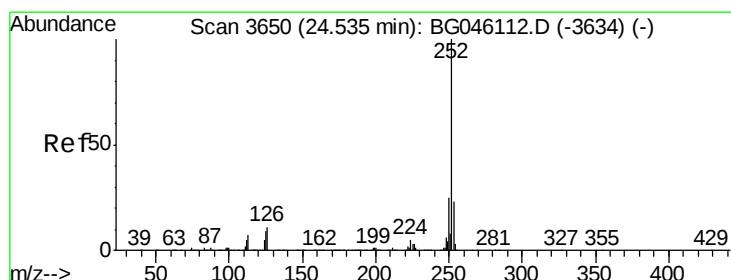
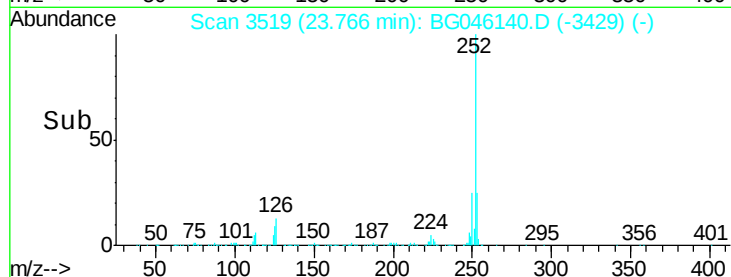
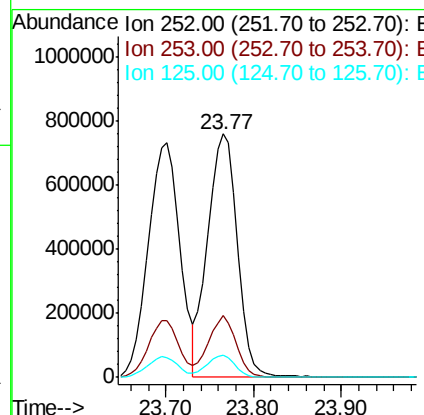
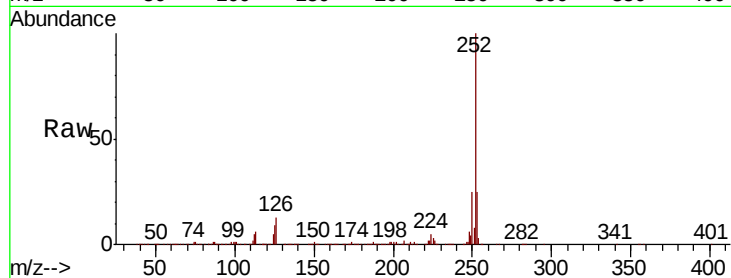
#89
Benzo(k)fluoranthene
Concen: 43.611 ng
RT: 23.77 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.5	29.3
125	9.2	7.3	10.9

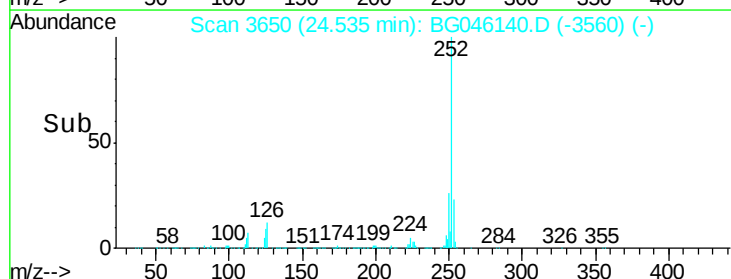
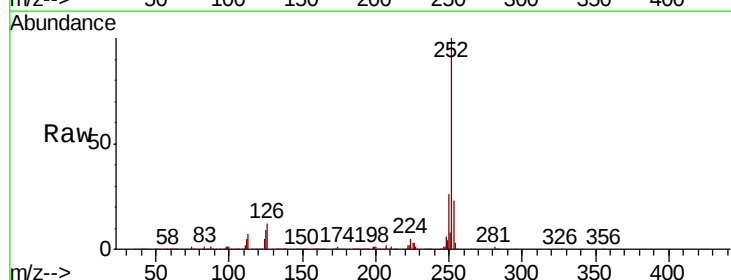
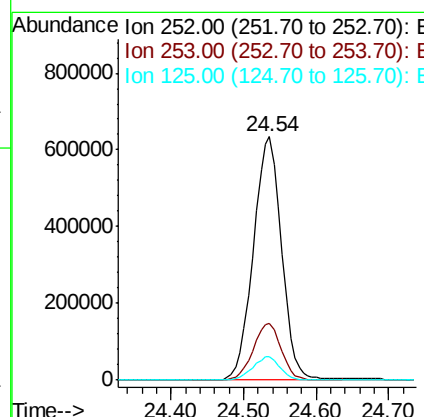
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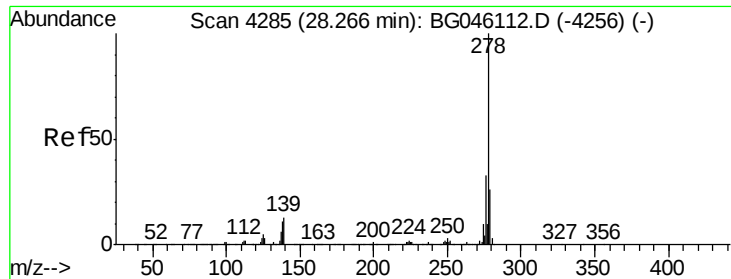
mohammad
8/3/2020 12:22:29 PM



#90
Benzo(a)pyrene
Concen: 43.789 ng
RT: 24.54 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BG046140.D
Acq: 1 Aug 2020 2:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	9.5	7.1	10.7





#91

Dibenzo(a,h)anthracene

Concen: 45.015 ng

RT: 28.27 min Scan# 4285

Delta R.T. 0.00 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Instrument :

BNA_G

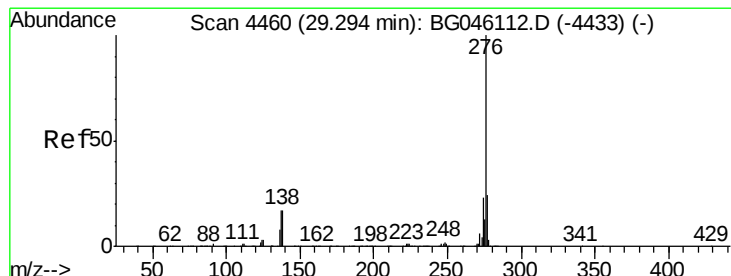
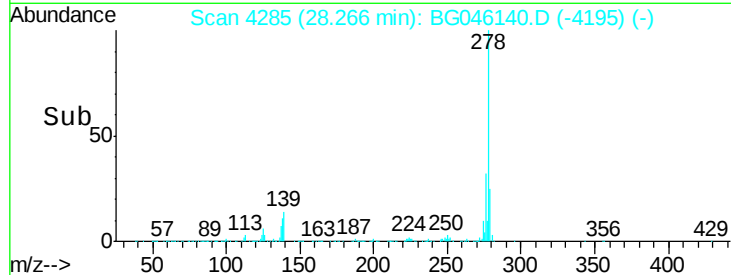
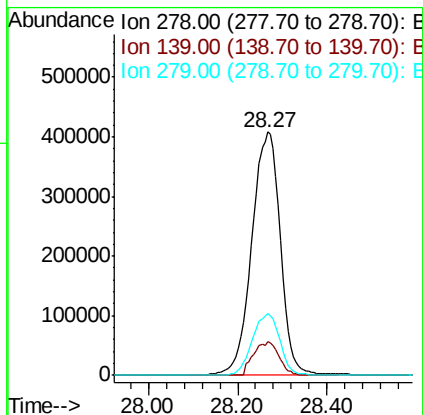
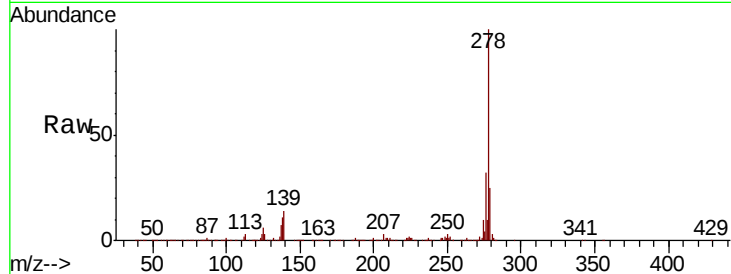
ClientSampleId :

SU-01-073020MS

Tot Ion:	278	Resp:	1795460
Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.8	16.2
279	25.4	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:29 PM



#92

Benzo(g,h,i)perylene

Concen: 45.953 ng

RT: 29.31 min Scan# 4462

Delta R.T. 0.01 min

Lab File: BG046140.D

Acq: 1 Aug 2020 2:14

Tgt Ion:	276	Resp:	1851082
Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	17.7	13.8	20.6

