

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044791.D
 Acq On : 14 Mar 2020 9:48
 Operator : CG/JU
 Sample : L1826-01MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Manual Integrations
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mohammad
 3/18/2020 8:43:32 AM

Quant Time: Mar 16 02:30:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	112622	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	453438	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	311230	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	675557	20.00	ng	0.00
76) Chrysene-d12	21.71	240	545771	20.00	ng	0.00
87) Perylene-d12	24.92	264	590537	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	844045	116.67	ng	0.00
7) Phenol-d6	7.22	99	1093894	104.07	ng	0.00
23) Nitrobenzene-d5	9.22	82	863536	83.57	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	524073	128.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1756567	80.82	ng	0.00
79) Terphenyl-d14	20.05	244	2318975	79.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	93580	26.861	ng	# 30
3) Pyridine	3.94	79	30546	2.962	ng	97
4) n-Nitrosodimethylamine	3.84	42	129330	33.050	ng	98
6) Aniline	7.39	93	32592	2.492	ng	94
8) 2-Chlorophenol	7.63	128	347579	48.127	ng	94
9) Benzaldehyde	7.19	77	323942	56.946	ng	97
10) Phenol	7.25	94	408731	39.276	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	346586	41.730	ng	98
12) 1,3-Dichlorobenzene	7.95	146	353229	39.704	ng	98
13) 1,4-Dichlorobenzene	8.10	146	361696	41.123	ng	98
14) 1,2-Dichlorobenzene	8.41	146	344252	41.269	ng	97
15) Benzyl Alcohol	8.29	79	340980	40.430	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.59	45	531799	36.283	ng	97
17) 2-Methylphenol	8.50	107	306199	43.437	ng	95
18) Hexachloroethane	9.15	117	138345	39.953	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	300764	40.522	ng	# 94
20) 3+4-Methylphenols	8.83	107	420106	43.232	ng	98
22) Acetophenone	8.88	105	531462	41.372	ng	99
24) Nitrobenzene	9.26	77	457347	42.655	ng	97
25) Isophorone	9.79	82	849215	42.108	ng	99
26) 2-Nitrophenol	9.98	139	190283	50.761	ng	91
27) 2,4-Dimethylphenol	10.04	122	249366	37.969	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	478309	39.741	ng	96
29) 2,4-Dichlorophenol	10.51	162	359966	46.925	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	390334	42.555	ng	95
31) Naphthalene	10.92	128	1088928	43.352	ng	99
32) Benzoic acid	10.17	122	189235	39.205	ng	97
33) 4-Chloroaniline	11.02	127	25407	2.245	ng	93
34) Hexachlorobutadiene	11.22	225	254084	42.123	ng	98
35) Caprolactam	11.79	113	78279m	26.952	ng	
36) 4-Chloro-3-methylphenol	12.14	107	412688	45.108	ng	97
37) 2-Methylnaphthalene	12.52	142	818934	43.585	ng	97
38) 1-Methylnaphthalene	12.74	142	767922	43.472	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	435821	42.520	ng	99

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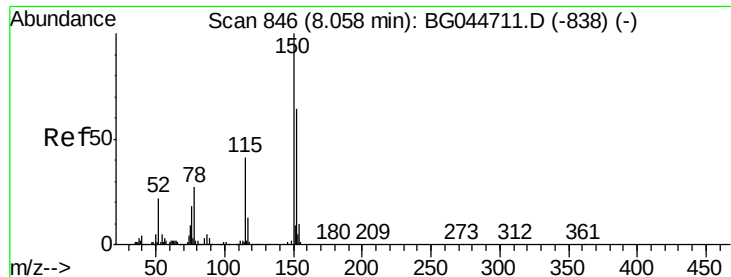
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	263590	47.057	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	309855	45.552	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	336792	47.742	ng	96
46) 1,1'-Biphenyl	13.53	154	1009603	40.593	ng	97
47) 2-Chloronaphthalene	13.57	162	769548	40.504	ng	97
48) 2-Nitroaniline	13.76	65	294631	44.295	ng	95
49) Acenaphthylene	14.41	152	1260458	42.347	ng	100
50) Dimethylphthalate	14.15	163	1156080	46.639	ng	100
51) 2,6-Dinitrotoluene	14.25	165	228564	45.745	ng	98
52) Acenaphthene	14.75	154	812093	41.659	ng	100
53) 3-Nitroaniline	14.58	138	84520	14.713	ng	90
54) 2,4-Dinitrophenol	14.79	184	85698	37.731	ng	# 69
55) Dibenzofuran	15.09	168	1202798	42.549	ng	99
56) 4-Nitrophenol	14.89	139	354066	80.762	ng	98
57) 2,4-Dinitrotoluene	15.04	165	317749	46.369	ng	# 92
58) Fluorene	15.74	166	997741	42.907	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	307310	47.317	ng	94
60) Diethylphthalate	15.51	149	1057580	40.906	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	530773	42.390	ng	95
62) 4-Nitroaniline	15.75	138	201651	32.920	ng	96
63) Azobenzene	16.03	77	1089987	40.598	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	76280	27.860	ng	98
66) n-Nitrosodiphenylamine	15.94	169	879241	43.229	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	372270	44.080	ng	95
68) Hexachlorobenzene	16.75	284	397711	43.407	ng	98
69) Atrazine	16.89	200	340805	45.735	ng	97
70) Pentachlorophenol	17.09	266	481103	95.433	ng	99
71) Phenanthrene	17.48	178	1522441	42.172	ng	97
72) Anthracene	17.57	178	1544301	43.383	ng	99
73) Carbazole	17.83	167	1429200	41.797	ng	98
74) Di-n-butylphthalate	18.40	149	1740484	41.872	ng	100
75) Fluoranthene	19.48	202	1780584	41.424	ng	100
77) Benzdine	19.65	184	27157	1.533	ng	# 94
78) Pyrene	19.85	202	1779843	44.450	ng	99
80) Butylbenzylphthalate	20.74	149	783988	44.011	ng	99
81) Benzo(a)anthracene	21.69	228	1710967	43.537	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	454641	29.903	ng	97
83) Chrysene	21.76	228	1610678	42.906	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	1066842	43.394	ng	# 99
85) Di-n-octyl phthalate	22.84	149	1812614	44.059	ng	99
86) Indeno(1,2,3-cd)pyrene	28.60	276	1974904	40.128	ng	# 98
88) Benzo(b)fluoranthene	23.91	252	1770295	45.409	ng	99
89) Benzo(k)fluoranthene	23.98	252	1738184	47.113	ng	99
90) Benzo(a)pyrene	24.78	252	1605074	44.000	ng	97
91) Dibenzo(a,h)anthracene	28.67	278	1637508	45.500	ng	99
92) Benzo(g,h,i)perylene	29.74	276	1574742	43.309	ng	97

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



#1

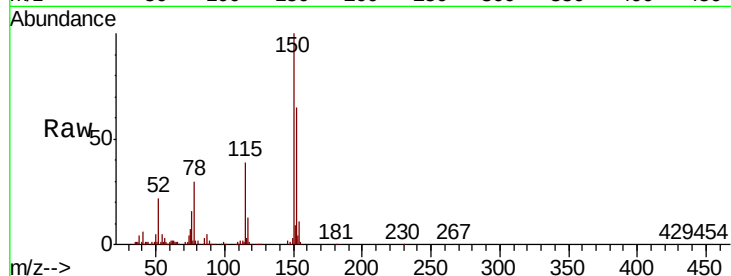
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

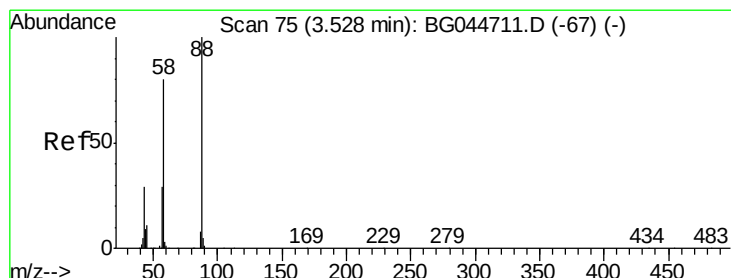
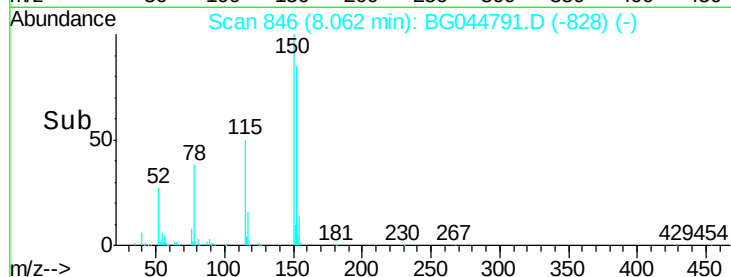
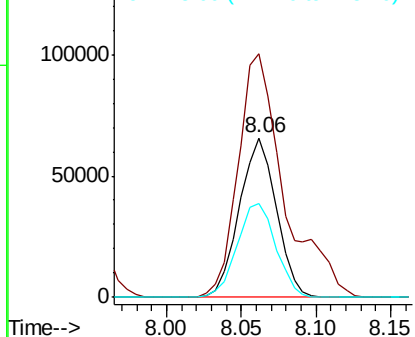
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.3	187.9
115	59.0	51.7	77.5

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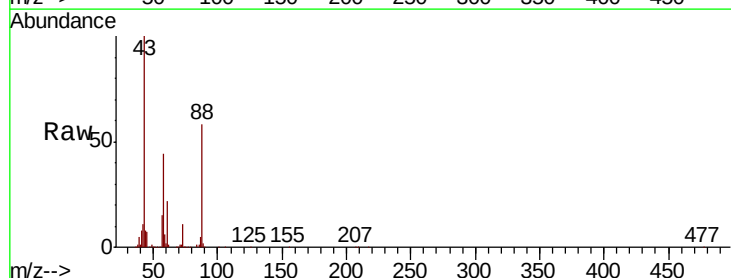
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



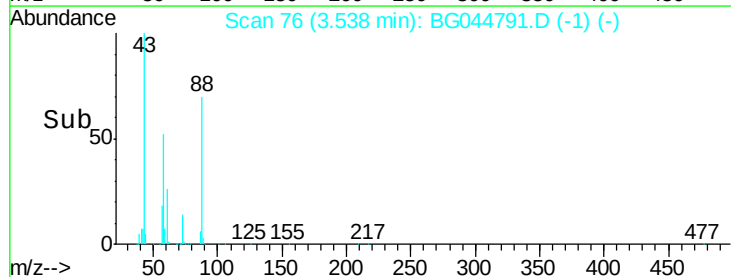
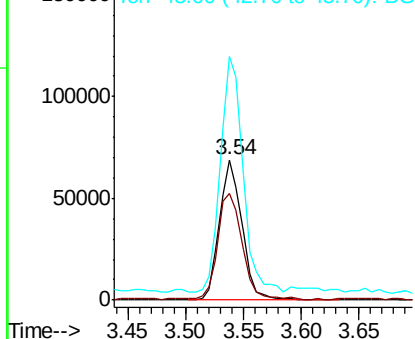
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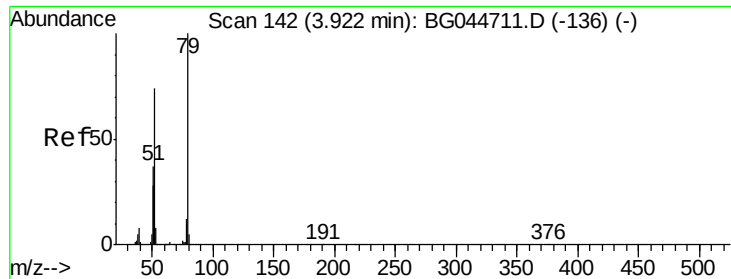
1,4-Dioxane
Concen: 26.861 ng
RT: 3.54 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	63.0	94.4
43	165.5	23.2	34.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 2.962 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.02 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

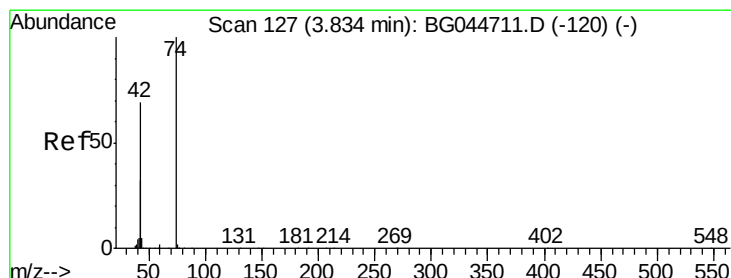
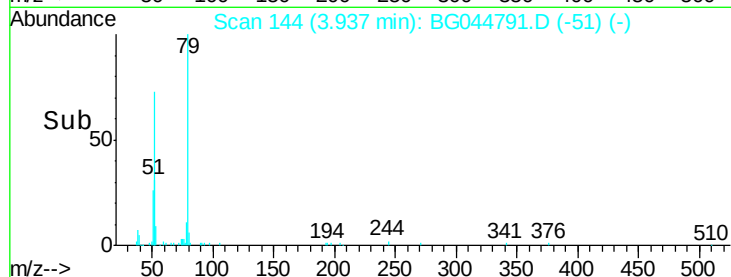
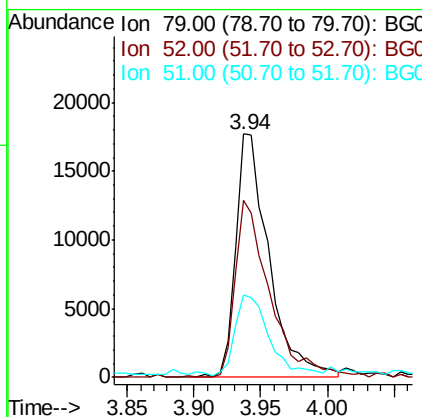
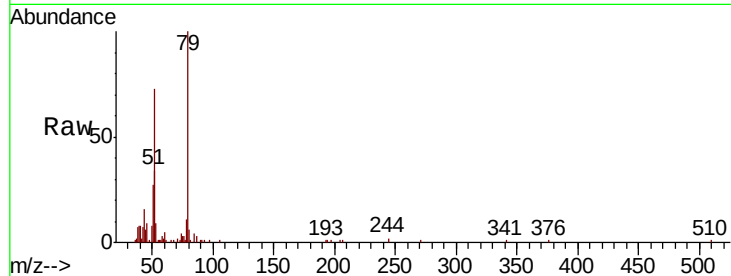
ClientSampleId :

MC5B39MS

Tot Ion:	79	Resp:	30546
Ion Ratio	Lower	Upper	
79	100		
52	72.6	59.4	89.2
51	33.8	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 33.050 ng

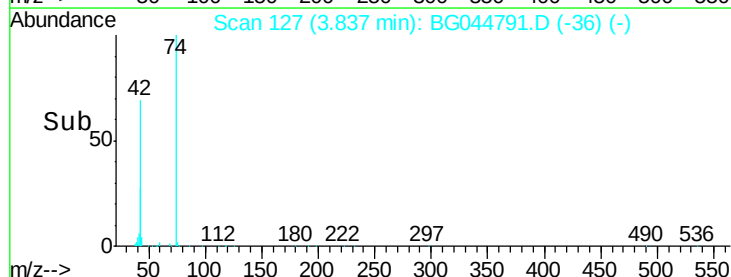
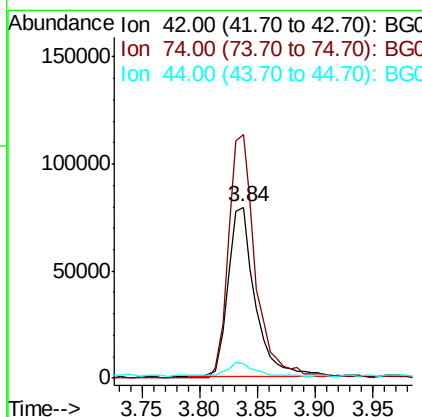
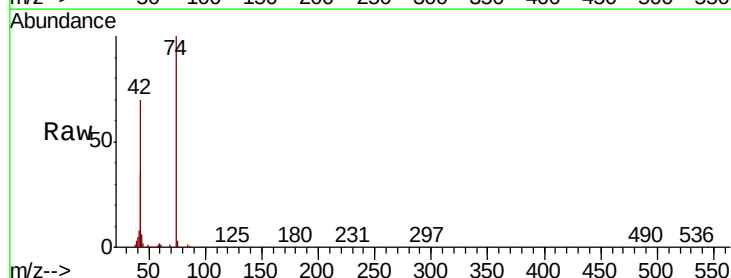
RT: 3.84 min Scan# 127

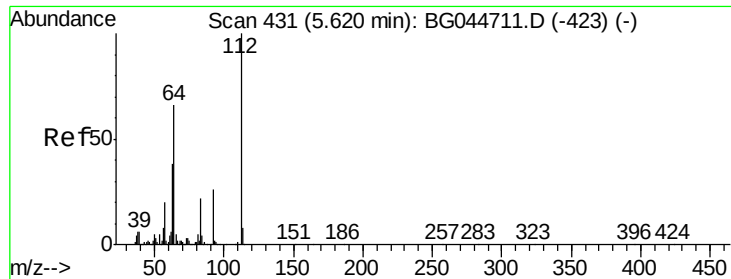
Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion:	42	Resp:	129330
Ion Ratio	Lower	Upper	
42	100		
74	142.5	116.1	174.1
44	8.2	7.1	10.7





#5

2-Fluorophenol

Concen: 116.666 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

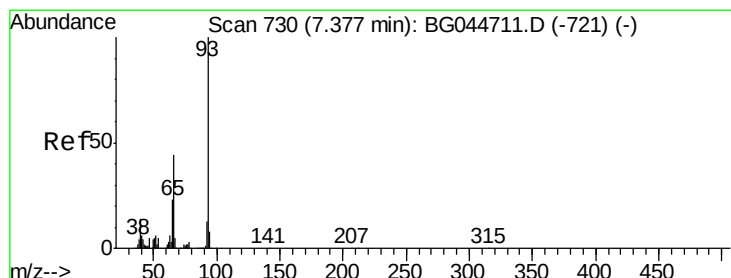
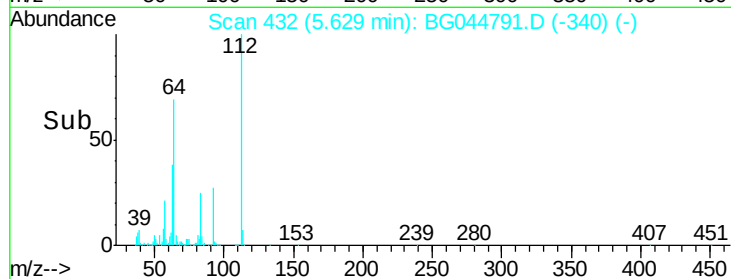
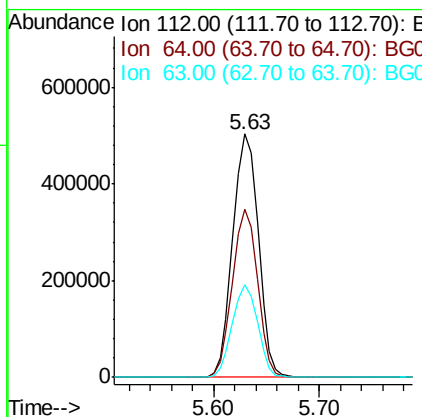
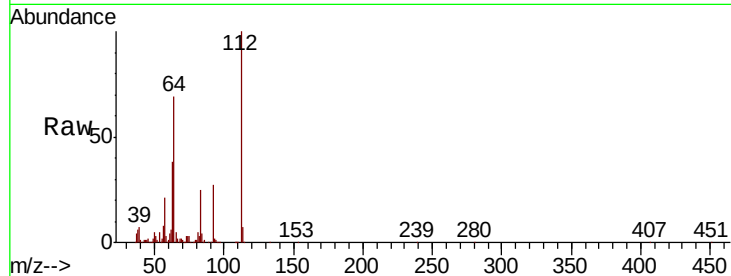
ClientSampleId :

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Tot Ion:	112	Resp:	844045
Ion Ratio	Lower	Upper	
112	100		
64	68.9	52.6	78.8
63	38.2	30.2	45.4

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#6

Aniline

Concen: 2.492 ng

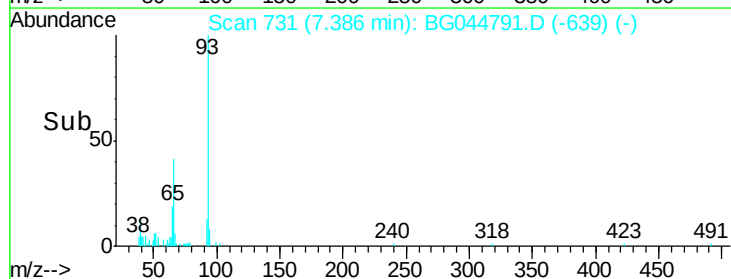
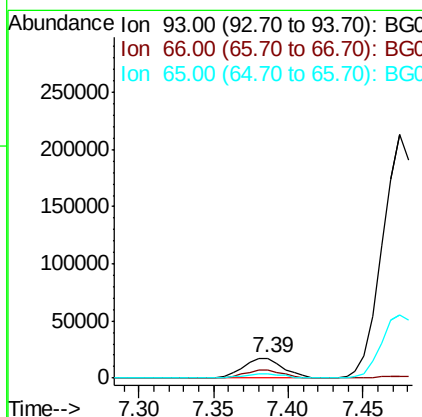
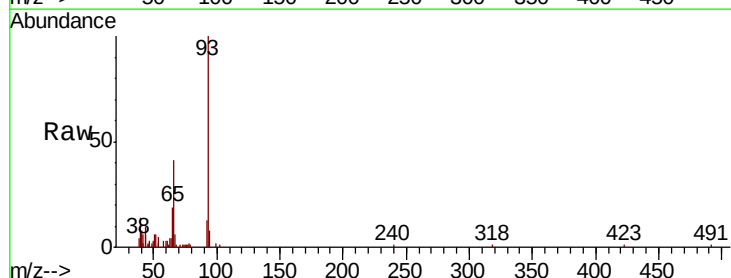
RT: 7.39 min Scan# 731

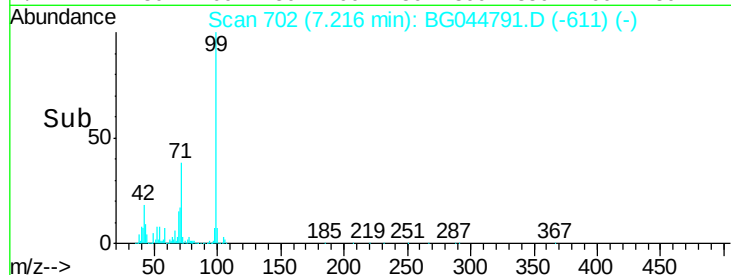
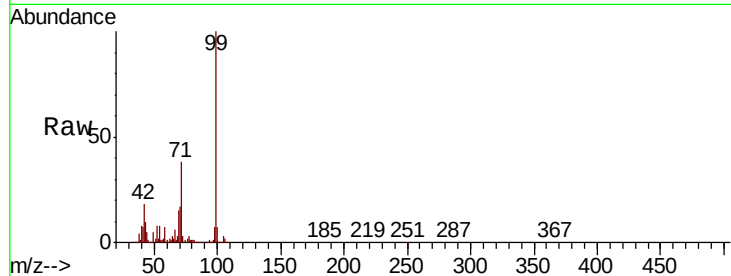
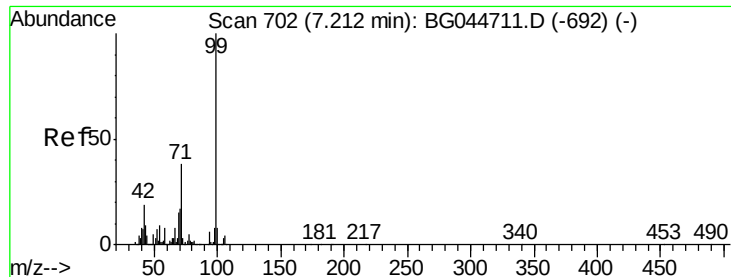
Delta R.T. 0.01 min

Lab File: BG044791.D

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Tgt Ion:	93	Resp:	32592
Ion Ratio	Lower	Upper	
93	100		
66	40.7	35.3	52.9
65	19.2	18.2	27.4





#7

Phenol-d6

Concen: 104.066 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tot Ion:	99	Resp:	1093894
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	37.7	30.2	45.4

Instrument :

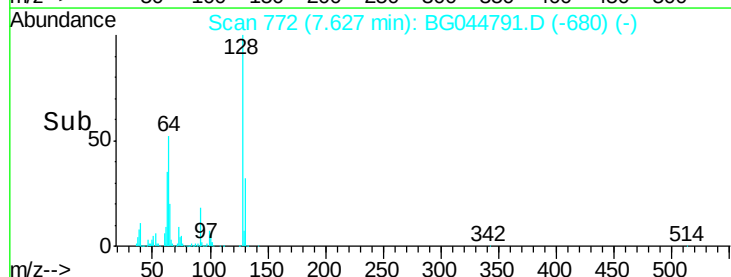
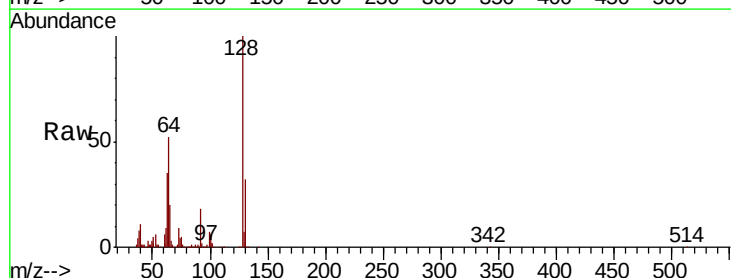
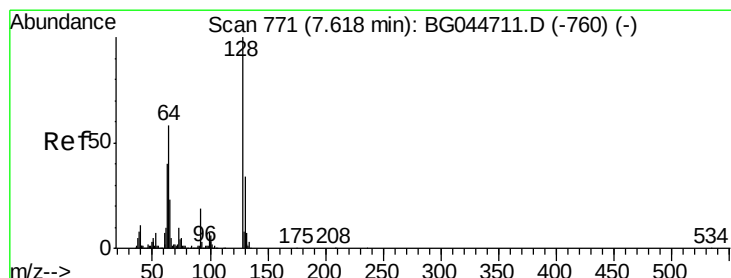
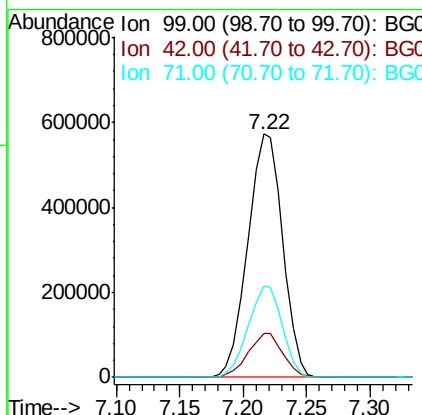
BNA_G

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#8

2-Chlorophenol

Concen: 48.127 ng

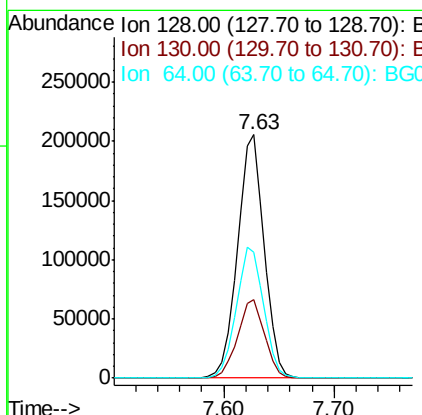
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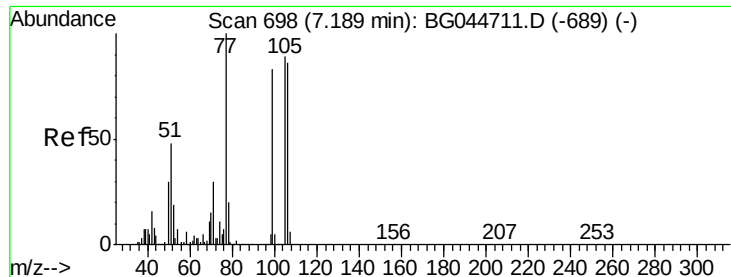
Delta R.T. 0.01 min

Lab File: BG044791.D

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Tgt Ion:	128	Resp:	347579
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.6	53.6
64	51.9	38.6	78.6





#9

Benzaldehyde

Concen: 56.946 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

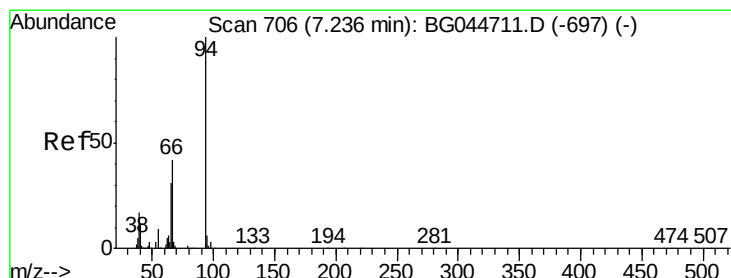
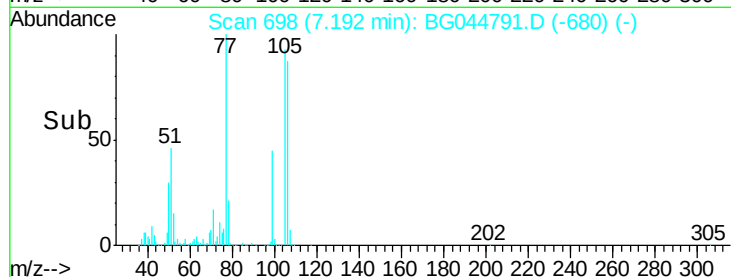
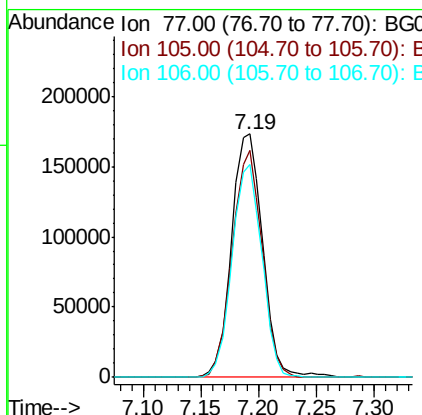
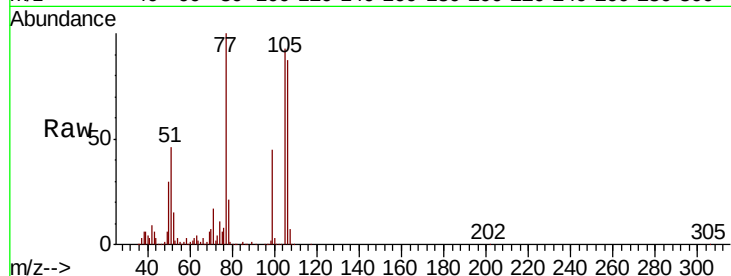
ClientSampleId :

MC5B39MS

Tot Ion:	77	Resp:	323942
Ion Ratio	Lower	Upper	
77	100		
105	93.3	68.6	108.6
106	87.2	65.9	105.9

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#10

Phenol

Concen: 39.276 ng

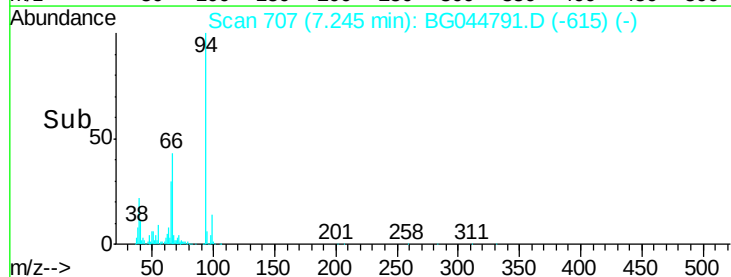
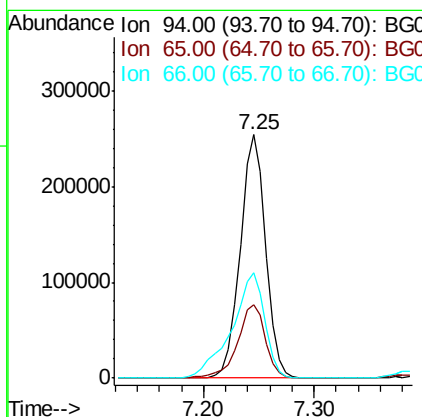
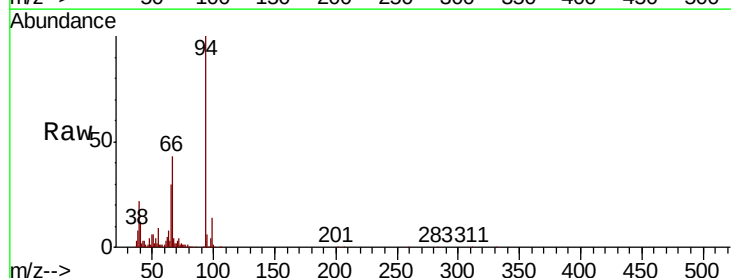
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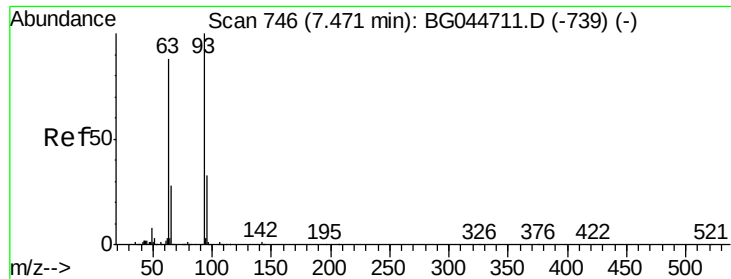
Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion:	94	Resp:	408731
Ion Ratio	Lower	Upper	
94	100		
65	30.3	11.3	51.3
66	43.3	22.9	62.9





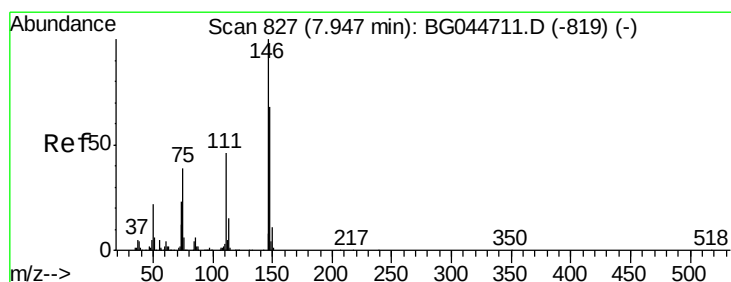
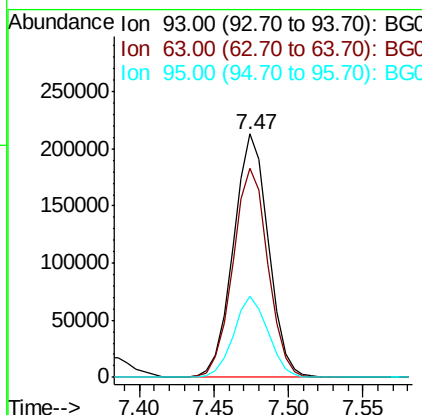
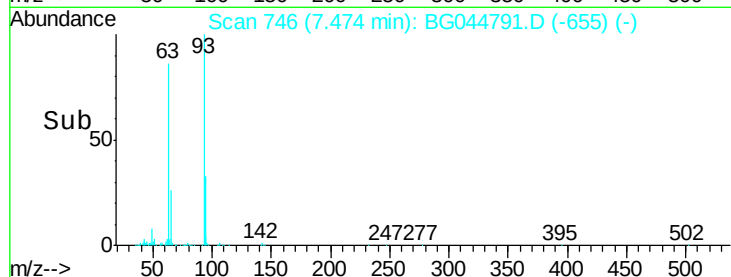
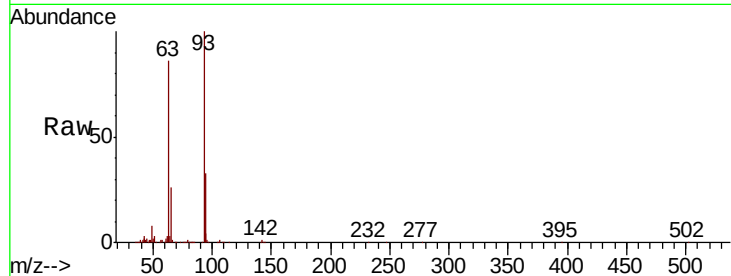
#11
bis(2-Chloroethyl)ether
Concen: 41.730 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	68.1	108.1
95	33.3	12.4	52.4

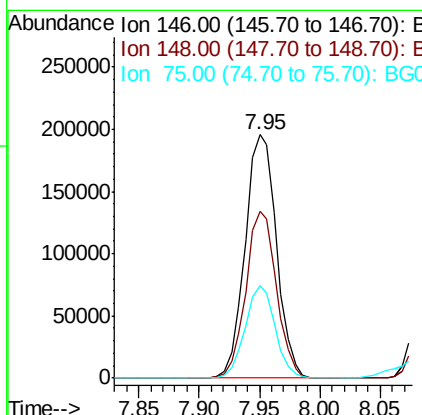
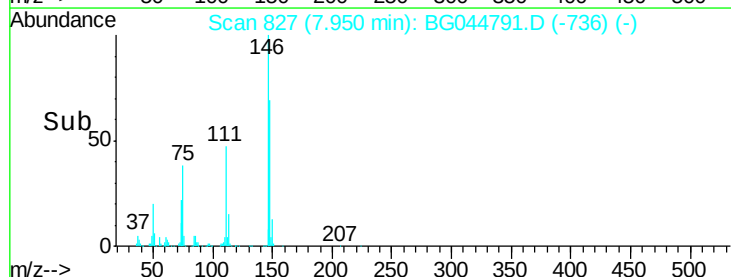
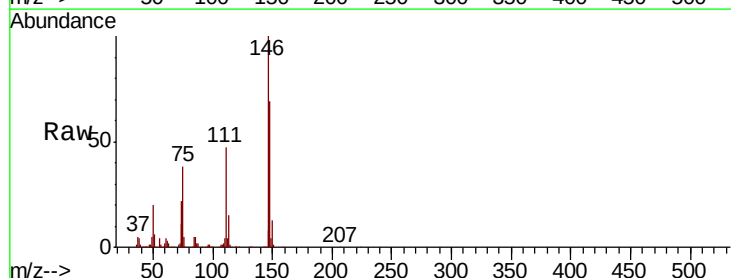
Manual Integrations
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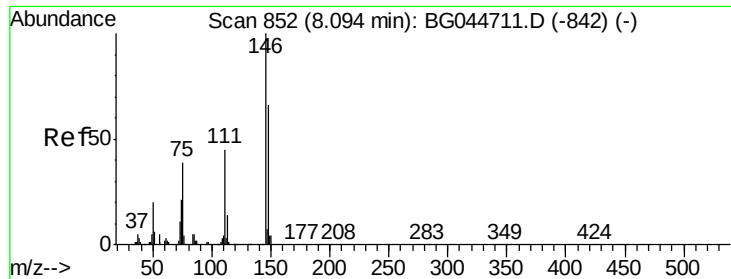
mohammad
3/18/2020 8:43:32 AM



#12
1,3-Dichlorobenzene
Concen: 39.704 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	54.2	81.2
75	37.9	31.3	46.9





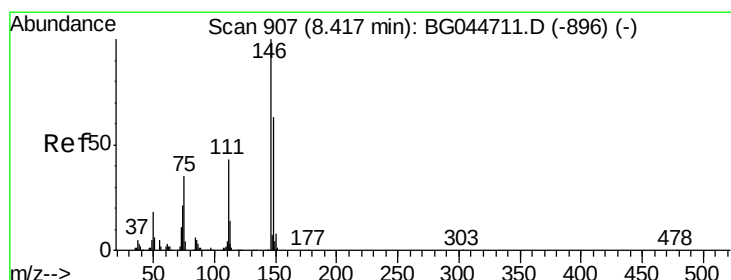
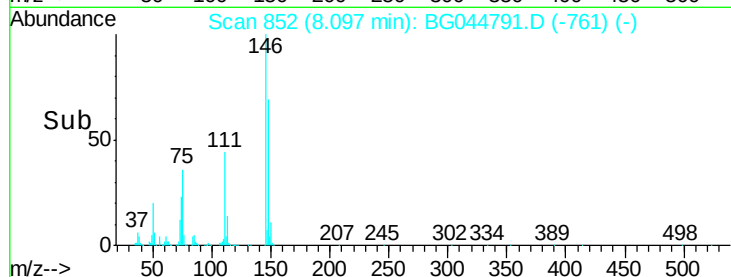
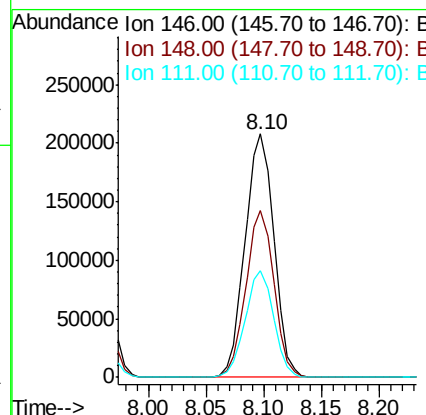
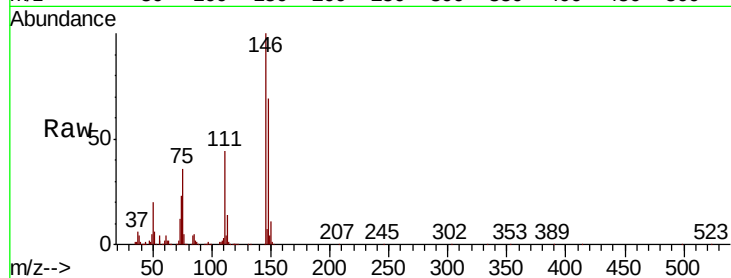
#13
 1,4-Dichlorobenzene
 Concen: 41.123 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampled :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.7	52.9	79.3
111	44.0	35.6	53.4

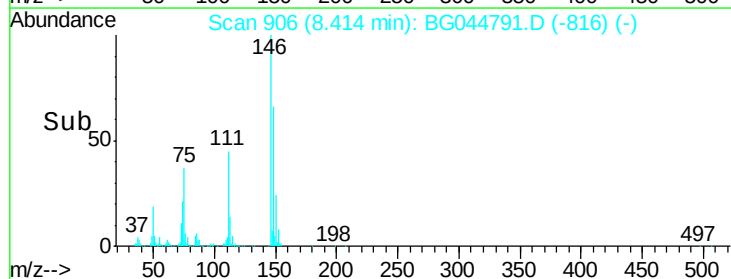
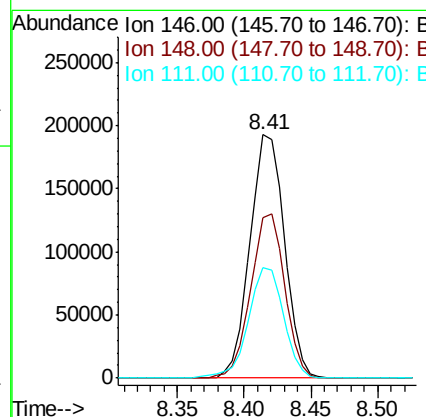
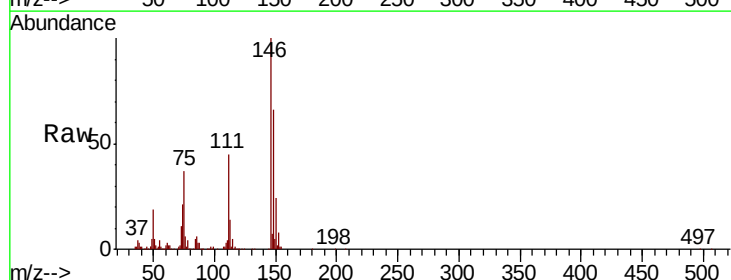
Manual Integrations
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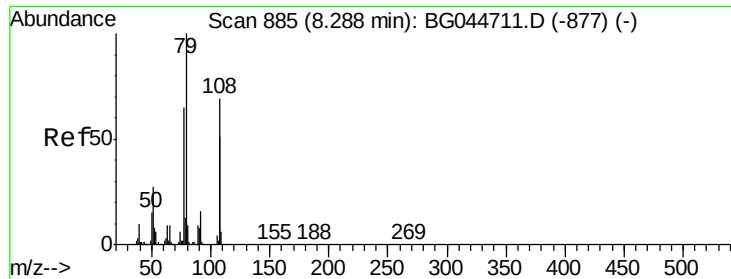
mohammad
 3/18/2020 8:43:32 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.269 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	45.4	34.8	52.2





#15

Benzyl Alcohol

Concen: 40.430 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

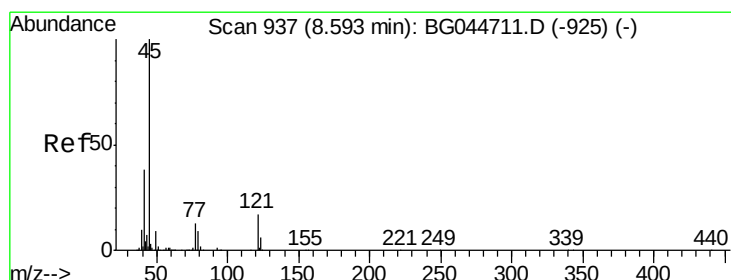
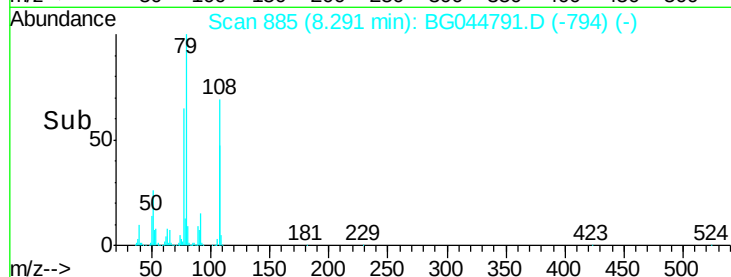
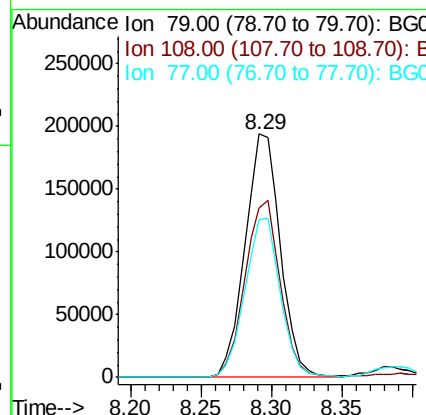
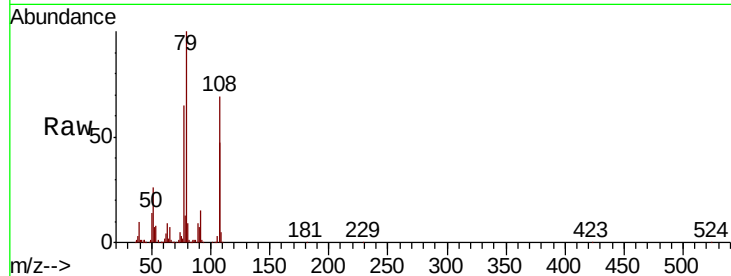
ClientSampled :

MC5B39MS

Tot Ion:	79	Resp:	340980
Ion Ratio	Lower	Upper	
79	100		
108	69.5	55.4	83.0
77	64.8	52.2	78.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.283 ng

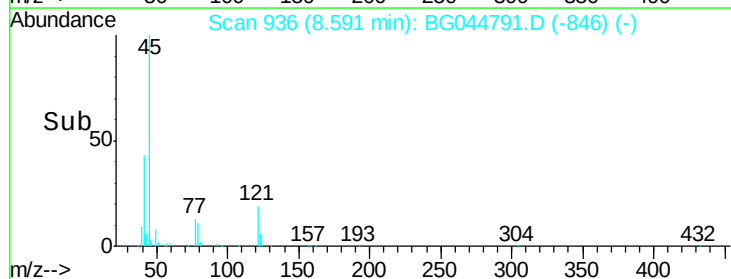
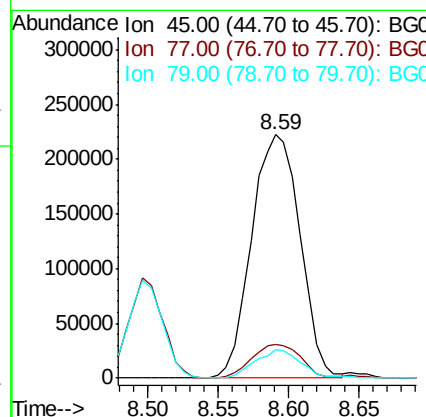
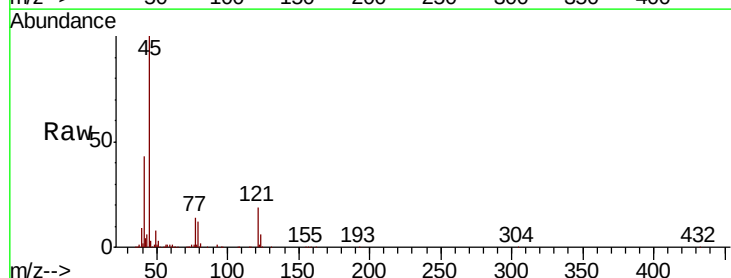
RT: 8.59 min Scan# 936

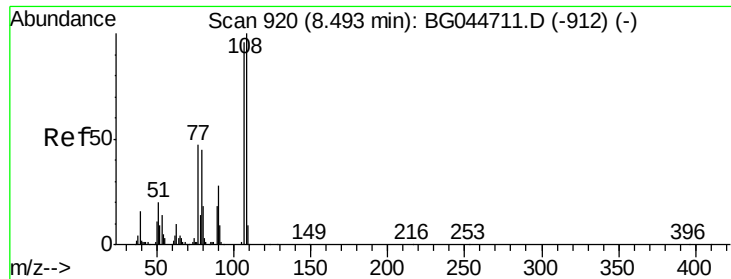
Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion:	45	Resp:	531799
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	33.4
79	11.7	0.0	30.0





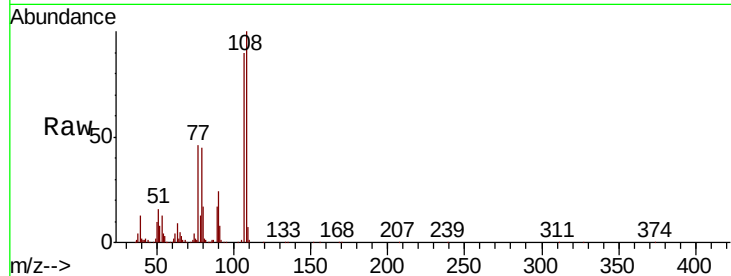
#17
2-Methylphenol
Concen: 43.437 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	83.2	124.8	
77	51.0	39.0	58.6	
79	49.6	37.6	56.4	

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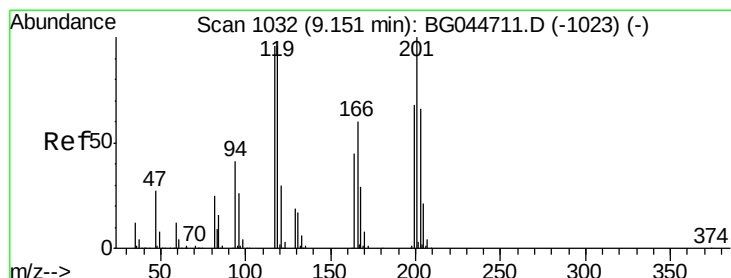
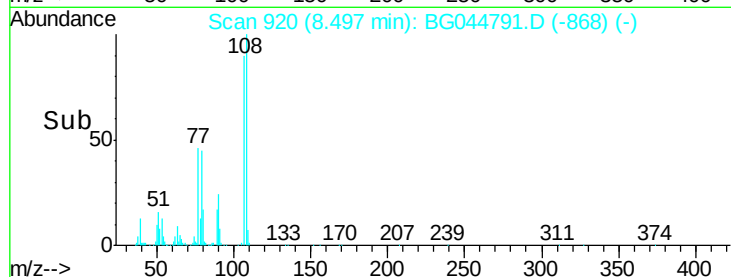
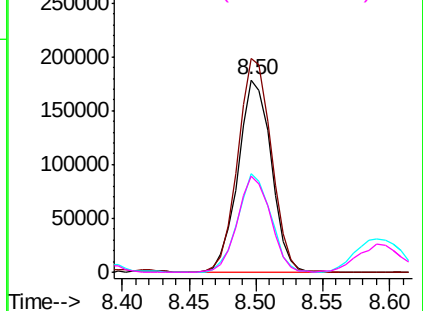
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

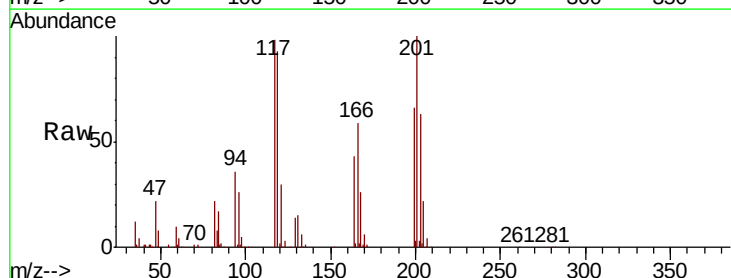
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.953 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	80.2	120.4	
201	102.3	83.4	125.2	

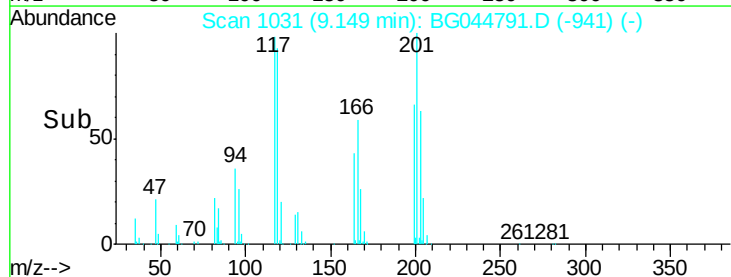
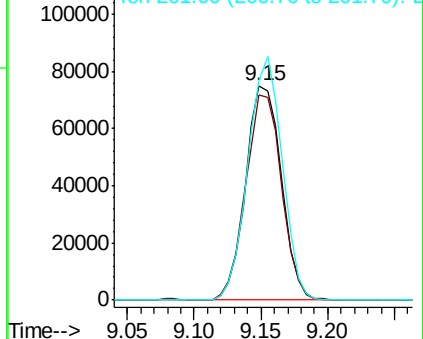


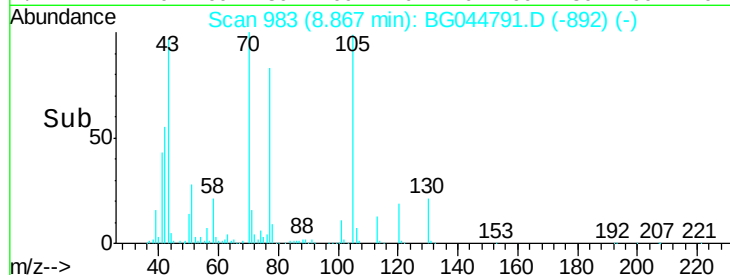
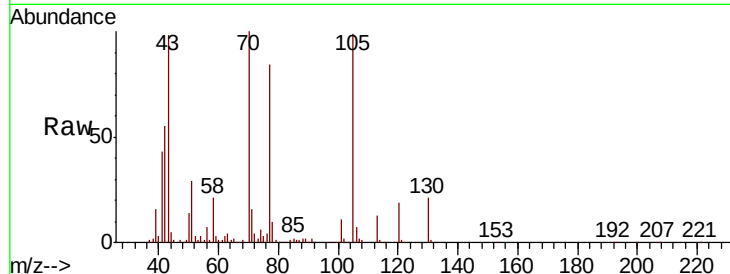
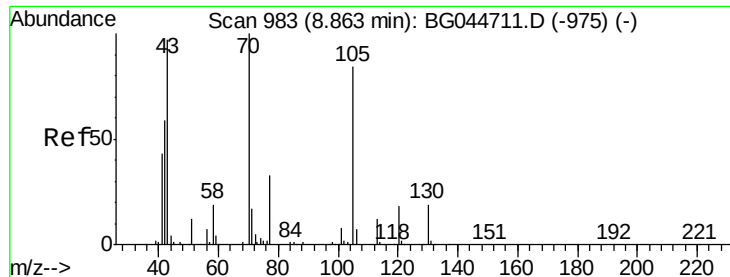
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





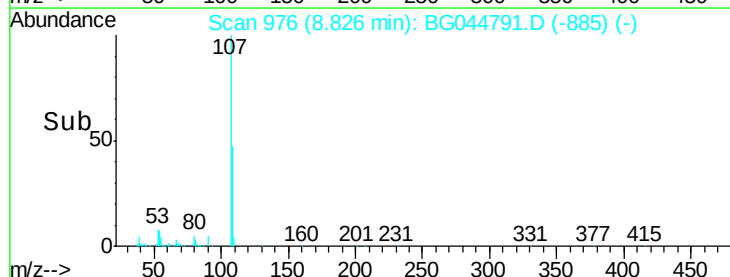
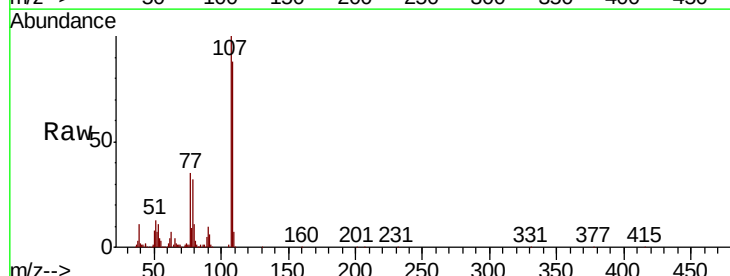
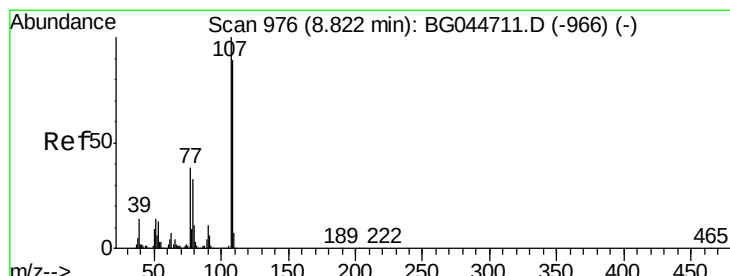
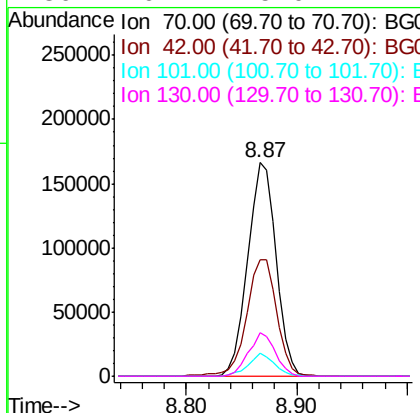
#19
n-Nitroso-di-n-propylamine
Concen: 40.522 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.6	71.4
101	10.7	6.5	9.7#
130	20.7	15.0	22.4

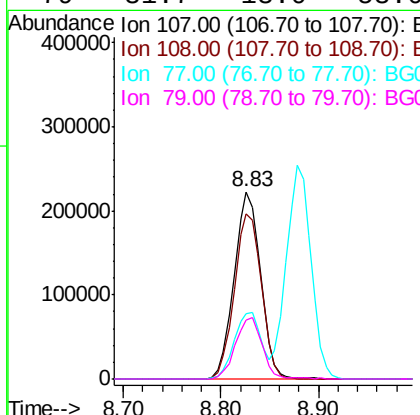
Manual Integrations
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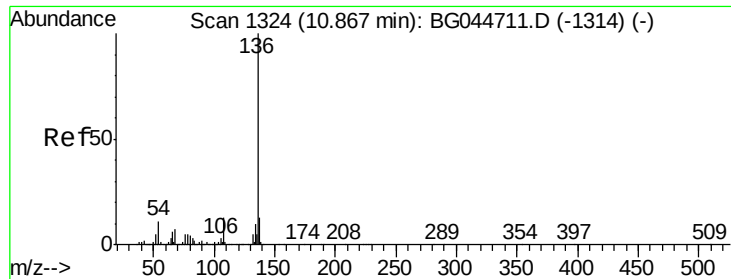
mohammad
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#20
3+4-Methylphenols
Concen: 43.232 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.1	109.1
77	35.0	17.7	57.7
79	31.7	13.0	53.0





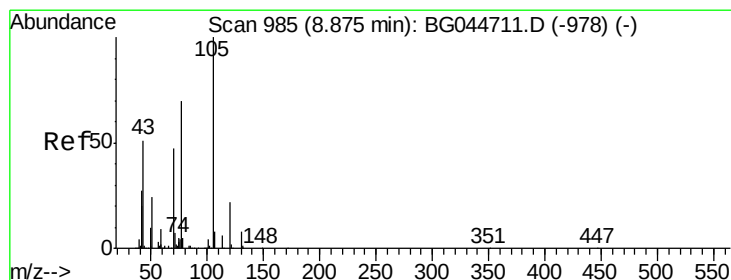
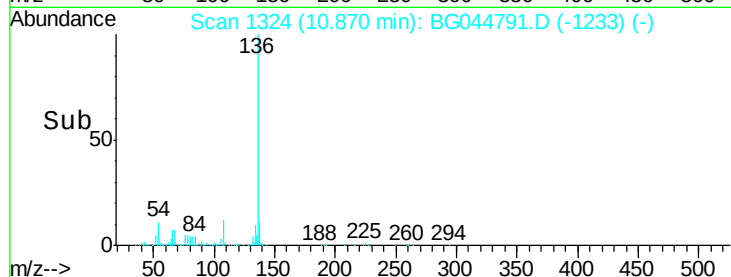
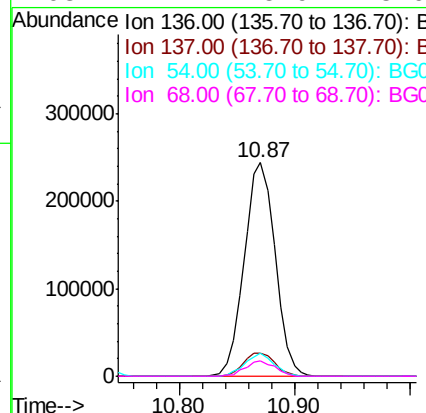
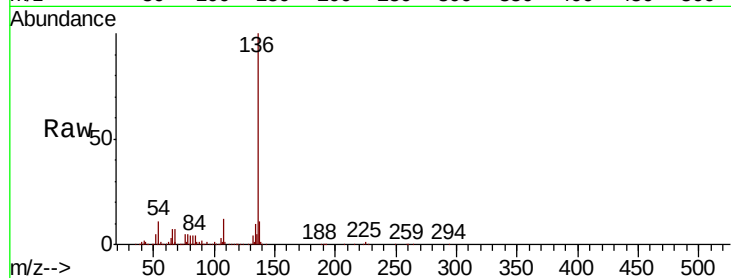
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	453438		
137	11.0	10.7	16.1	
54	11.0	9.0	13.4	
68	7.1	5.9	8.9	

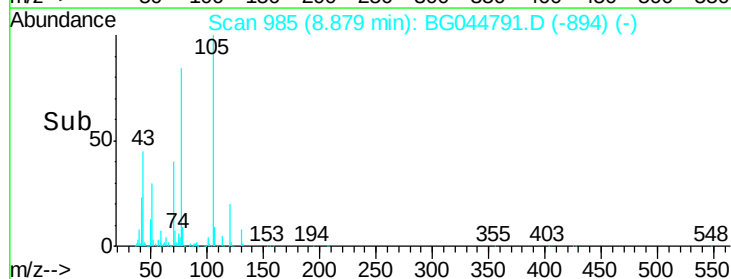
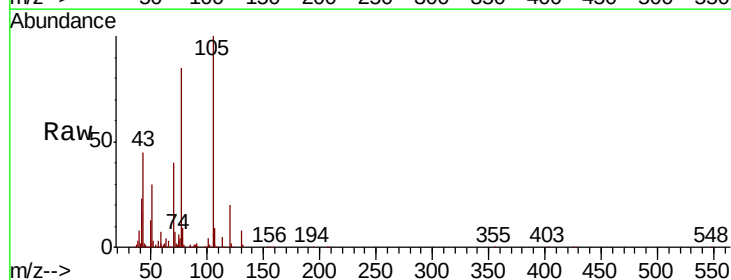
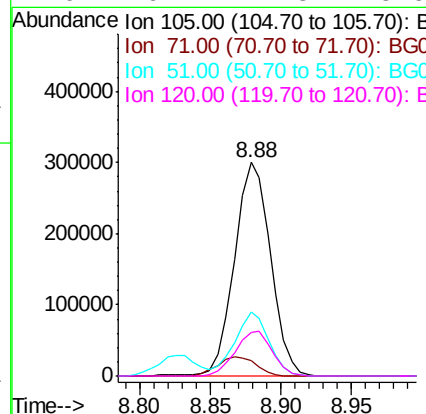
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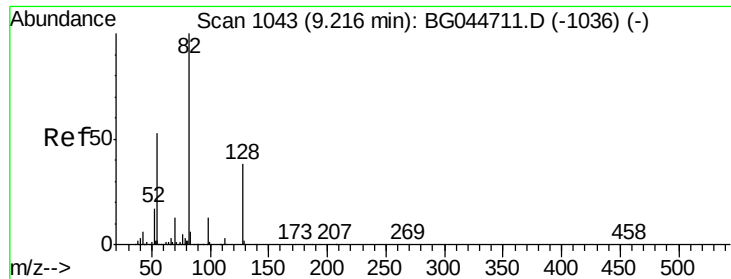
mohammad
3/18/2020 8:43:32 AM



#22
Acetophenone
Concen: 41.372 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	531462		
71	6.9	5.8	8.8	
51	30.0	23.8	35.8	
120	20.2	17.3	25.9	





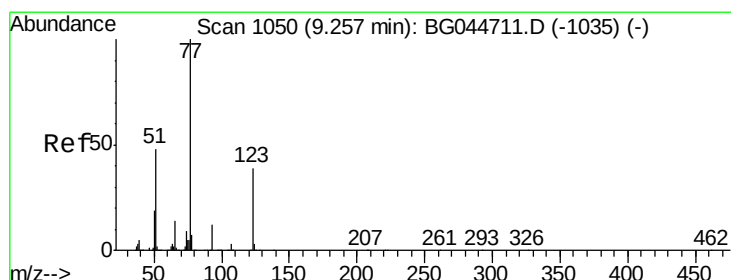
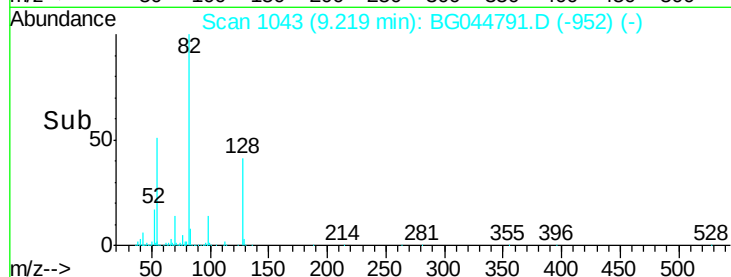
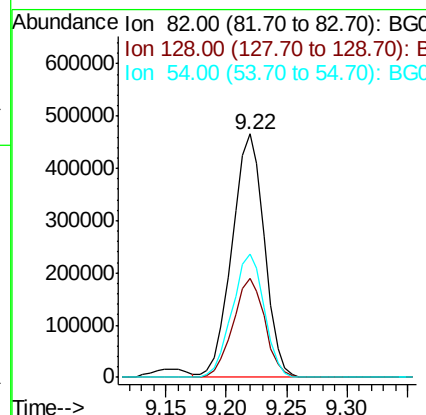
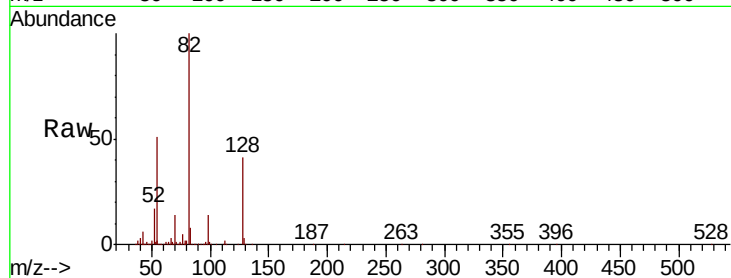
#23
 Nitrobenzene-d5
 Concen: 83.569 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tot Ion	82	Resp	863536
Ion Ratio	100	Lower	Upper
82	100		
128	40.6	30.2	45.2
54	50.7	41.8	62.8

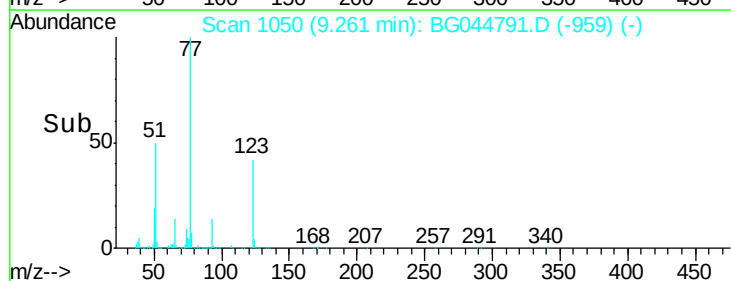
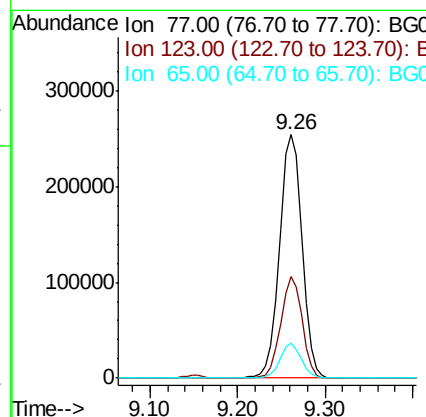
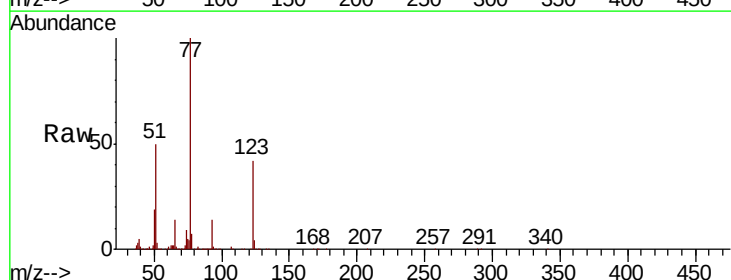
Manual Integrations
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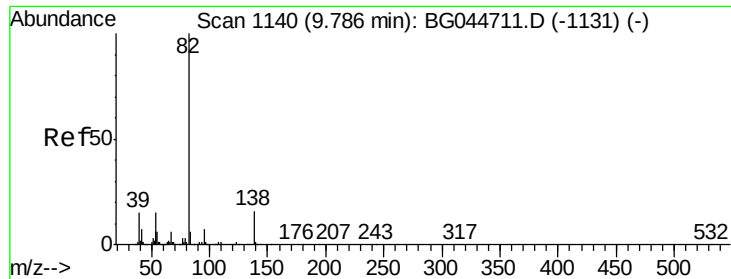
mohammad
 3/18/2020 8:43:32 AM



#24
 Nitrobenzene
 Concen: 42.655 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	77	Resp	457347
Ion Ratio	100	Lower	Upper
77	100		
123	41.6	31.5	47.3
65	14.4	11.0	16.4





#25

Isophorone

Concen: 42.108 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

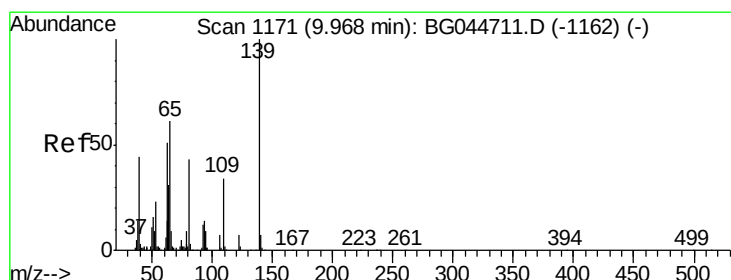
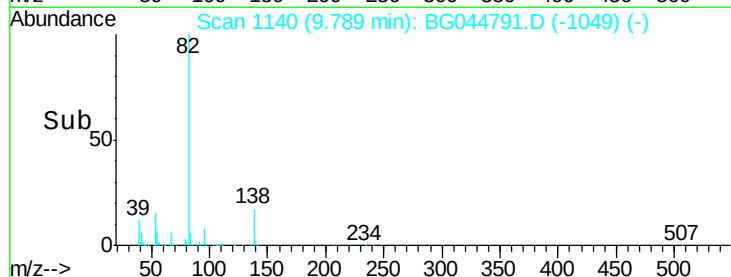
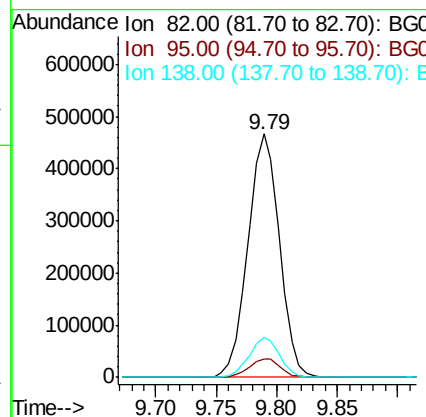
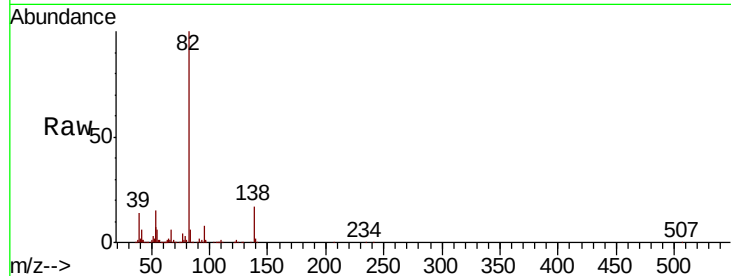
ClientSampleId :

MC5B39MS

Tot Ion:	82	Resp:	849215
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.6	8.4
138	16.6	13.0	19.4

Manual Integrations
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3/18/2020 8:43:32 AM



#26

2-Nitrophenol

Concen: 50.761 ng

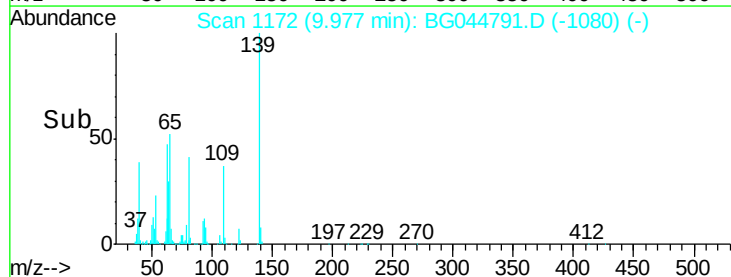
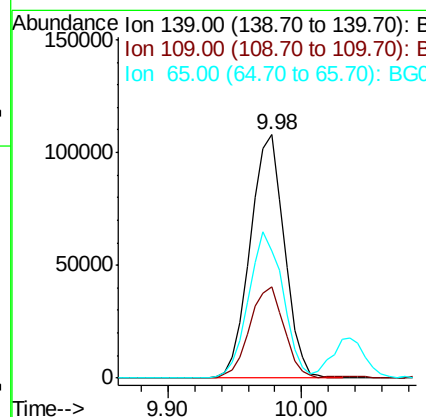
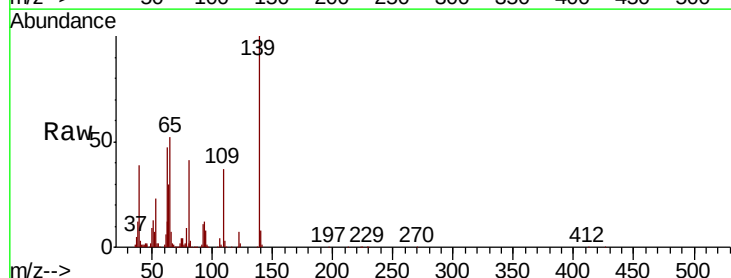
RT: 9.98 min Scan# 1172

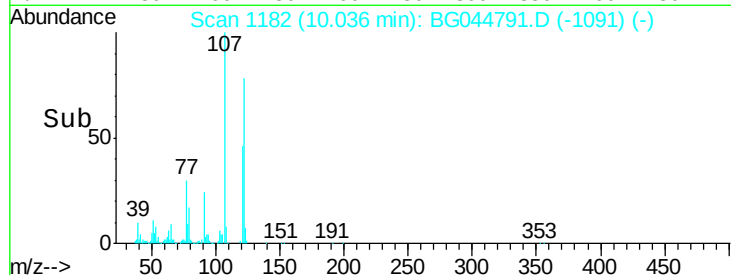
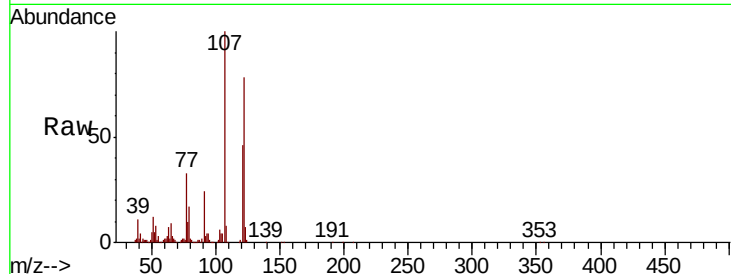
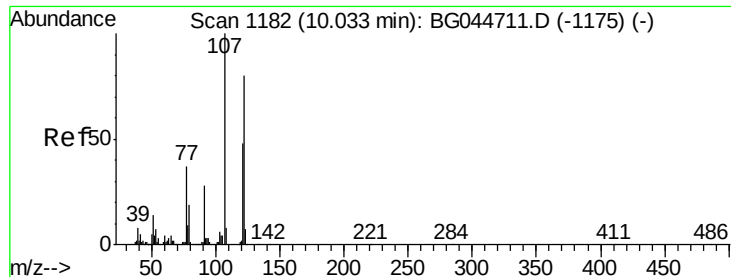
Delta R.T. 0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion:	139	Resp:	190283
Ion Ratio	Lower	Upper	
139	100		
109	37.3	27.0	40.4
65	52.3	48.6	73.0





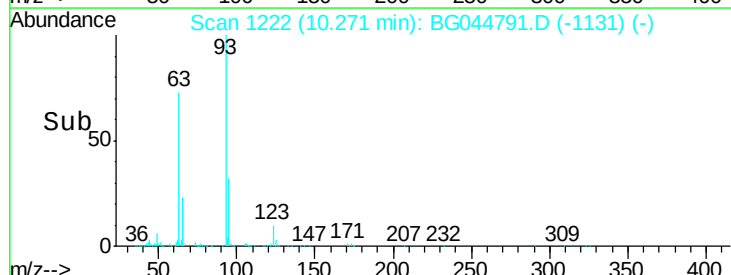
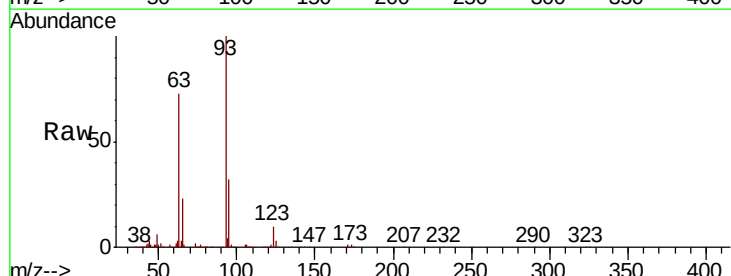
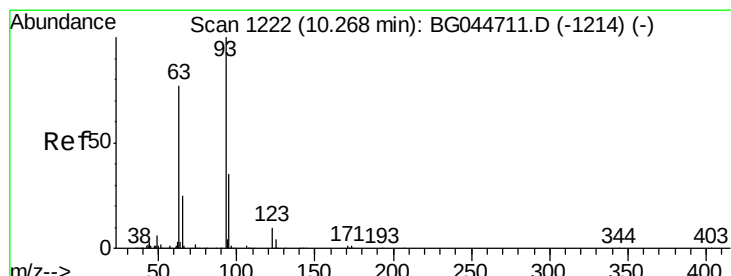
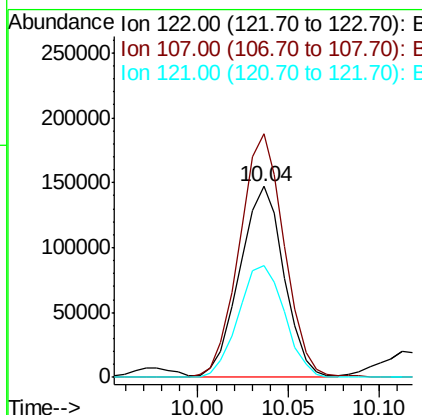
#27
2,4-Dimethylphenol
Concen: 37.969 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tot Ion	Ratio	Resp	Lower	Upper
122	100	249366		
107	127.6	99.0	148.6	
121	58.4	47.6	71.4	

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

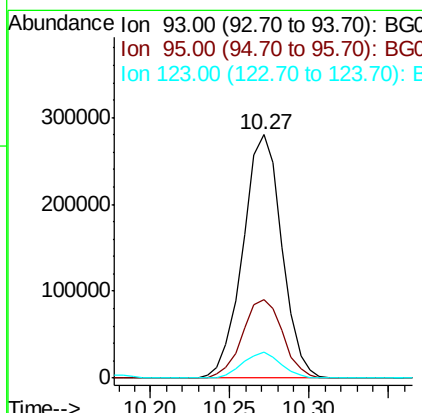
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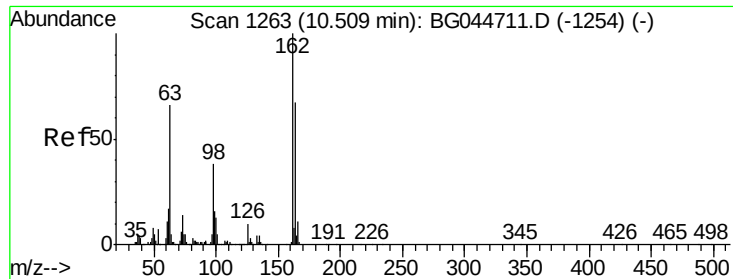
mohammad
3/18/2020 8:43:32 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.741 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	478309		
95	32.1	27.7	41.5	
123	10.5	8.1	12.1	





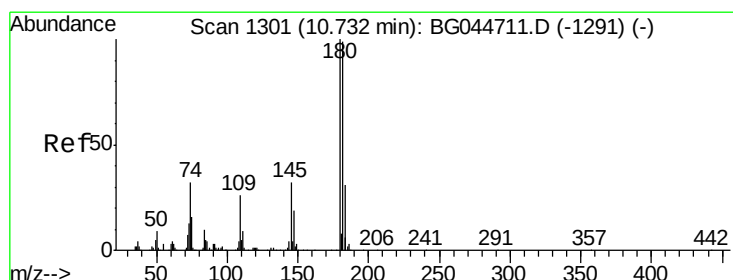
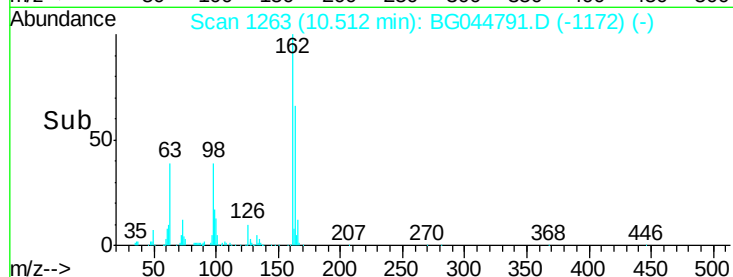
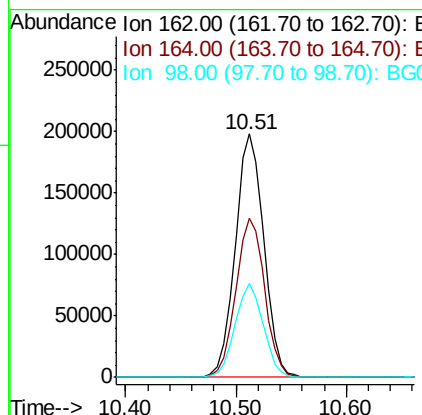
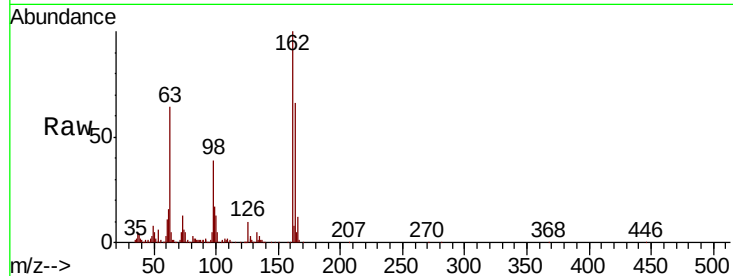
#29
 2,4-Dichlorophenol
 Concen: 46.925 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tot Ion:	162	Resp:	359966
Ion Ratio	Lower	Upper	
162	100		
164	65.5	46.5	86.5
98	38.8	18.1	58.1

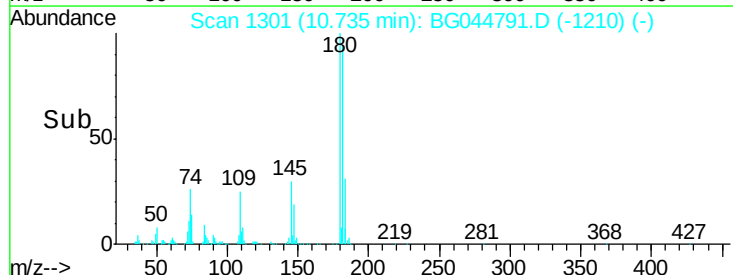
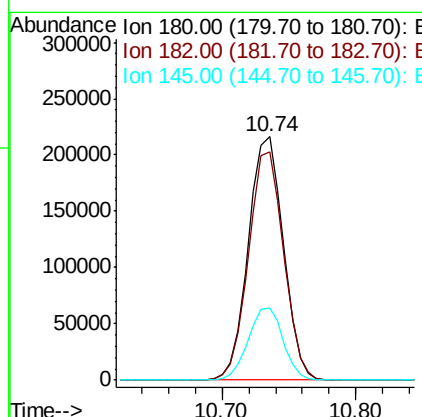
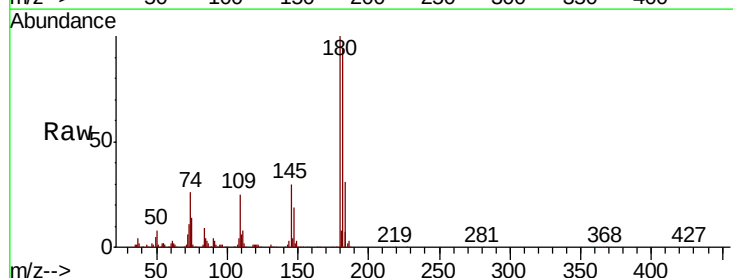
Manual Integrations
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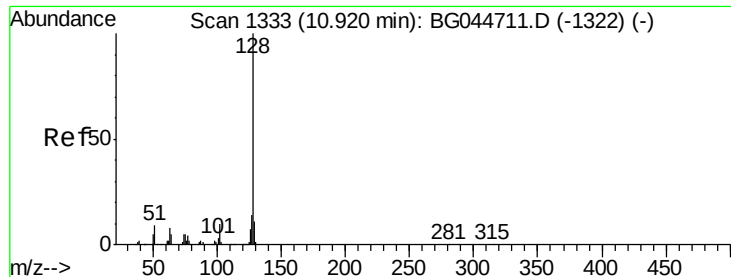
mohammad
 3/18/2020 8:43:32 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.555 ng
 RT: 10.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion:	180	Resp:	390334
Ion Ratio	Lower	Upper	
180	100		
182	93.5	78.8	118.2
145	29.7	25.4	38.0





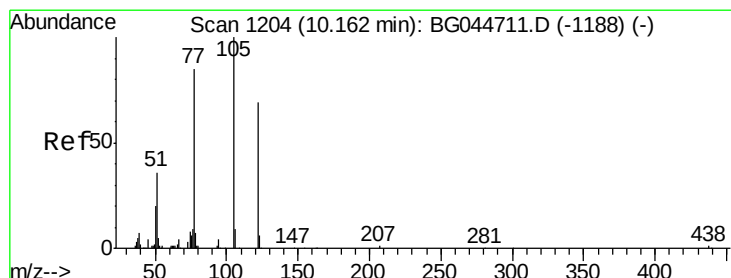
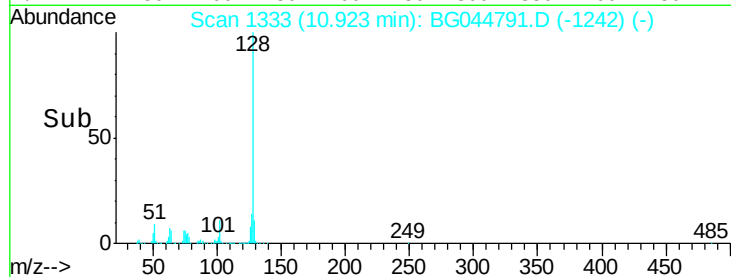
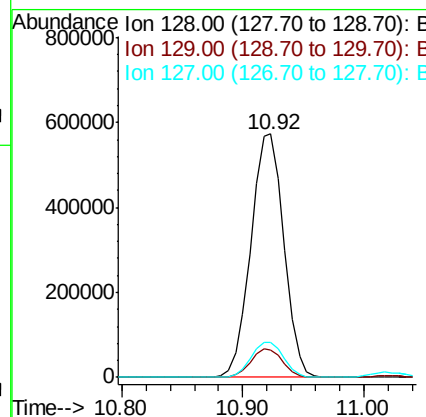
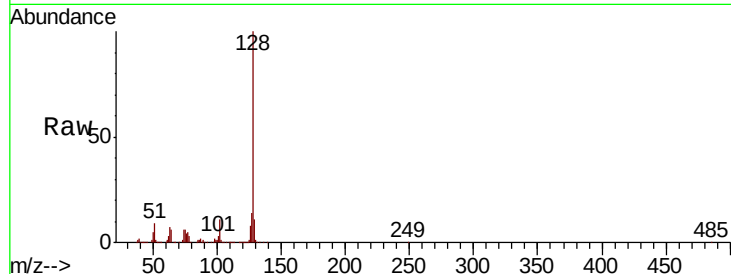
#31
Naphthalene
Concen: 43.352 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	14.2	11.0	16.6

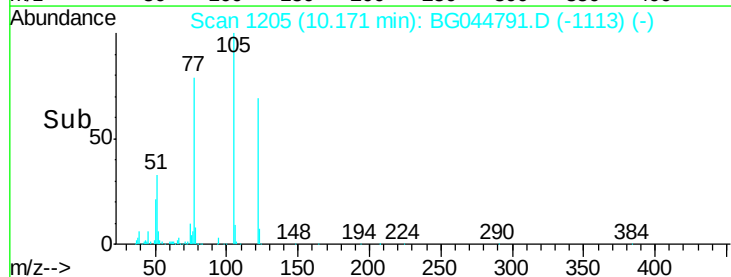
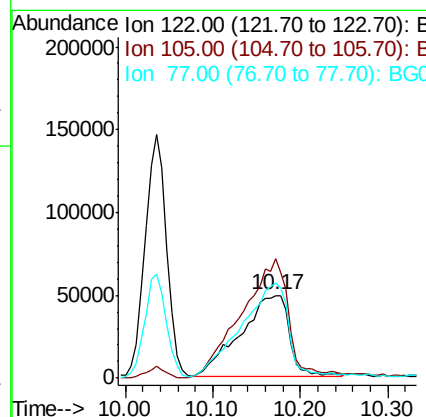
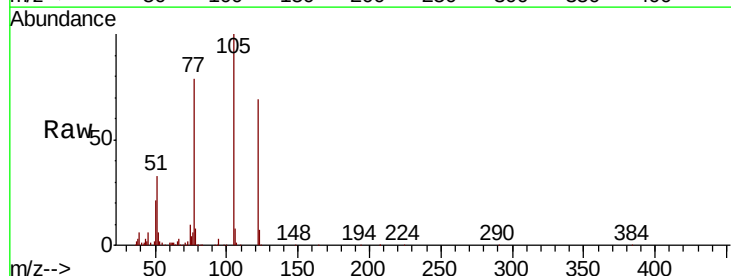
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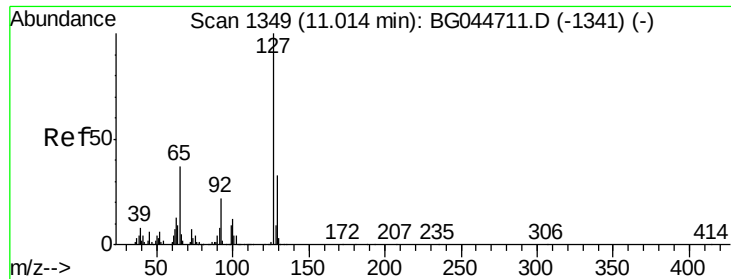
mohammad
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#32
Benzoic acid
Concen: 39.205 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.8	119.0	159.0
77	114.7	96.4	136.4





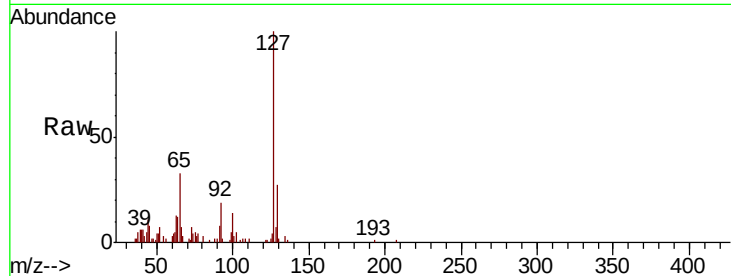
#33
4-Chloroaniline
Concen: 2.245 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

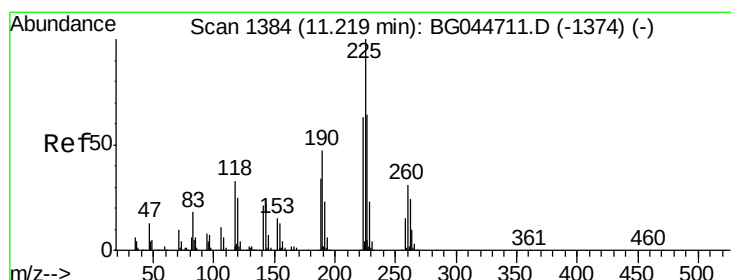
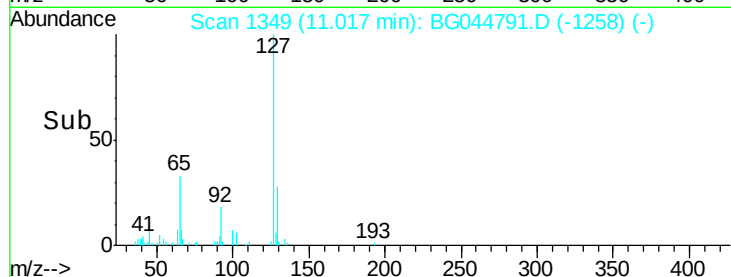
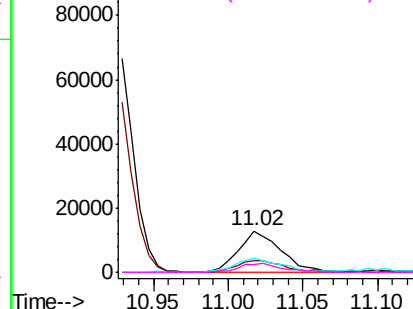
Tot Ion	Ratio	Lower	Upper
127	100		
129	27.4	26.2	39.4
65	33.3	29.6	44.4
92	19.1	17.4	26.0

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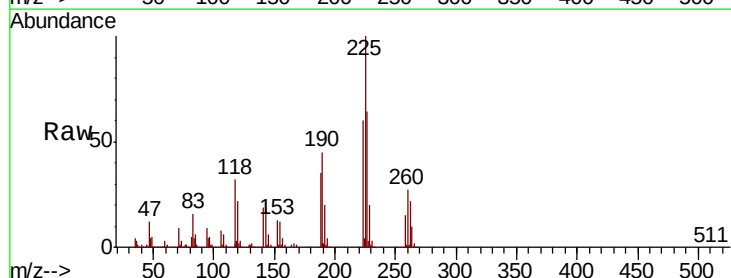


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

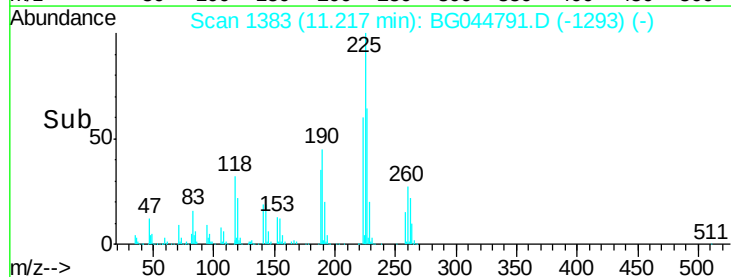
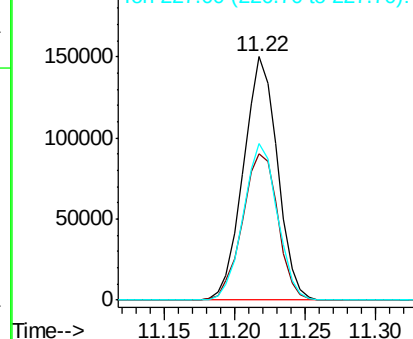


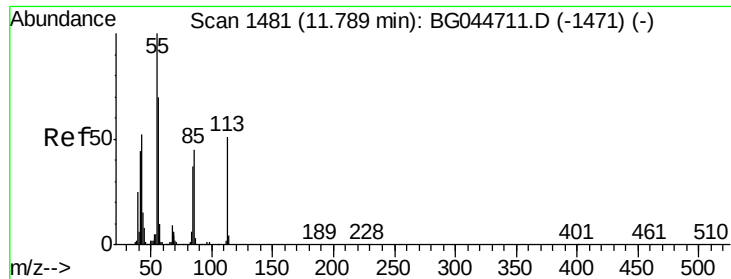
#34
Hexachlorobutadiene
Concen: 42.123 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.6	76.0
227	64.5	51.6	77.4



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





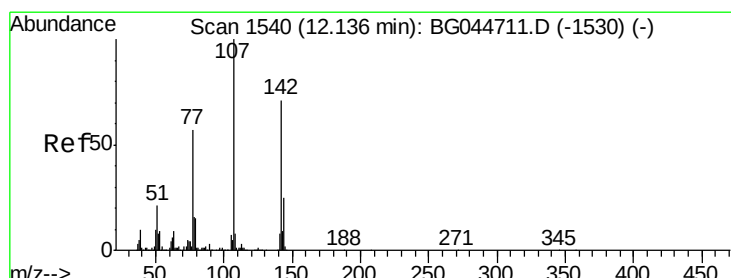
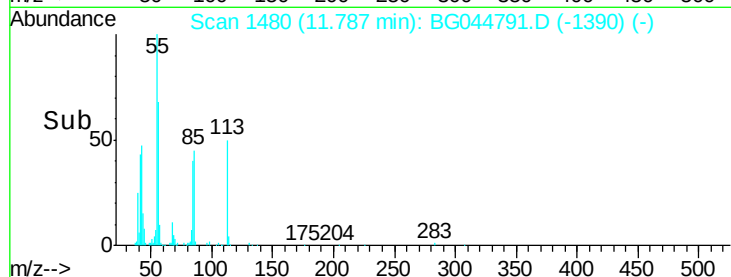
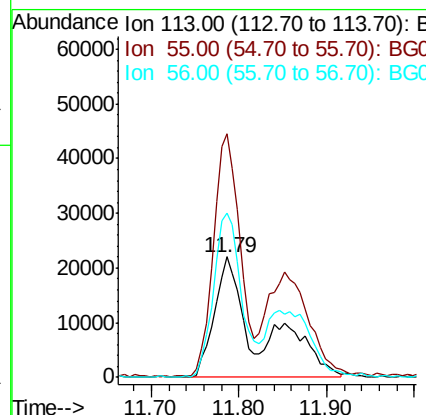
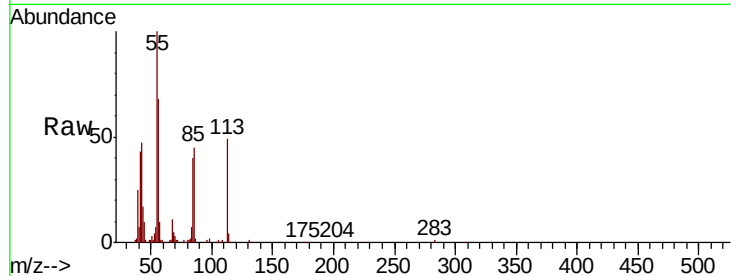
#35
 Caprolactam
 Concen: 26.952 ng/ml
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	202.2	178.4	218.4	
56	136.6	117.7	157.7	

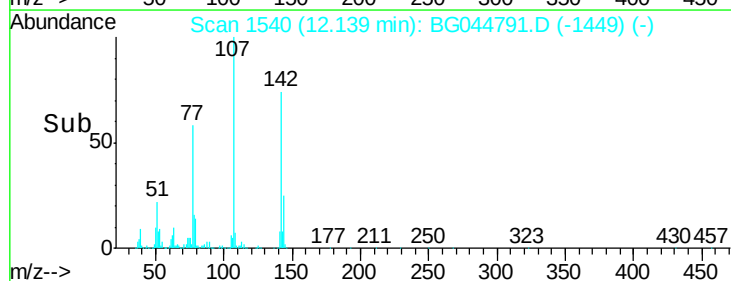
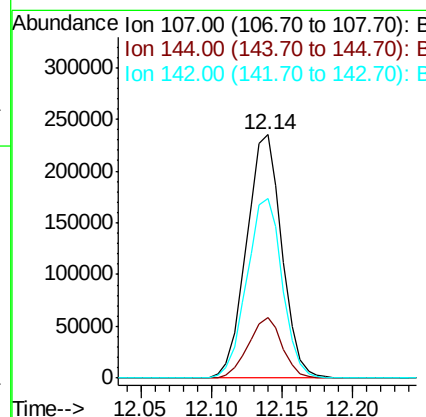
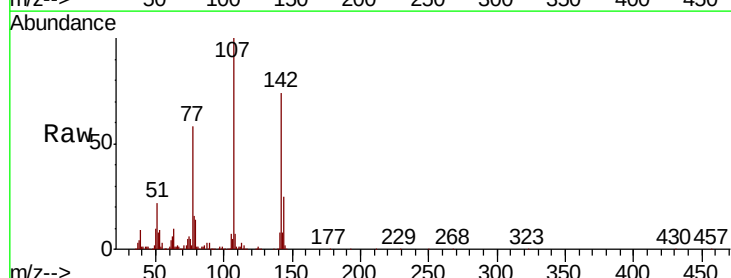
Manual Integrations
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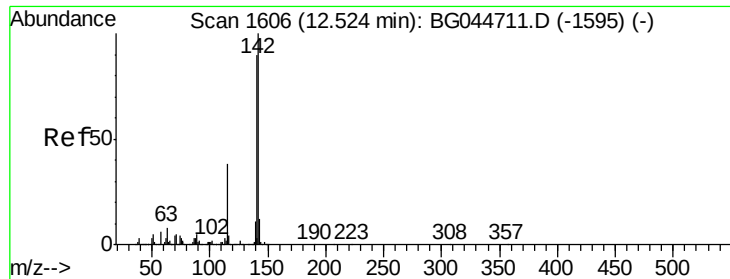
mohammad
 3/18/2020 8:43:32 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.108 ng/ml
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.1	19.6	29.4	
142	73.9	56.5	84.7	





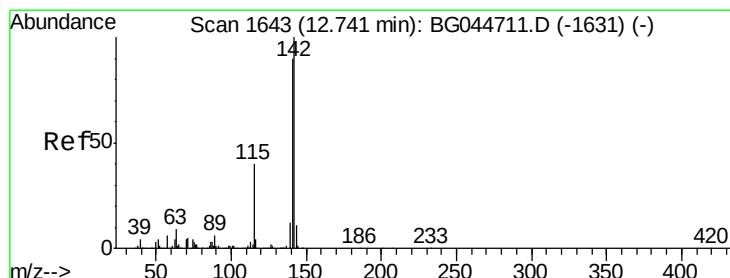
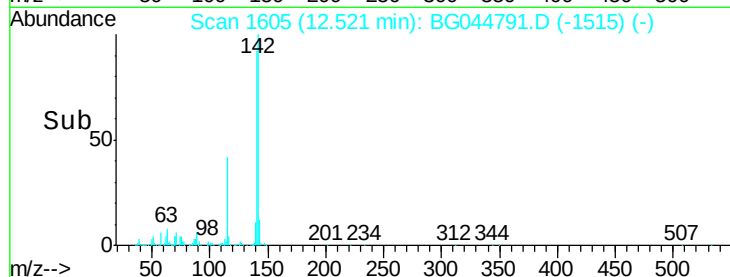
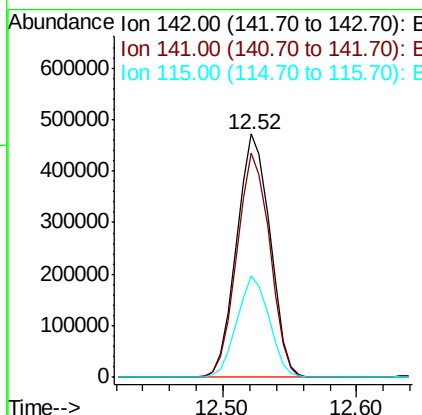
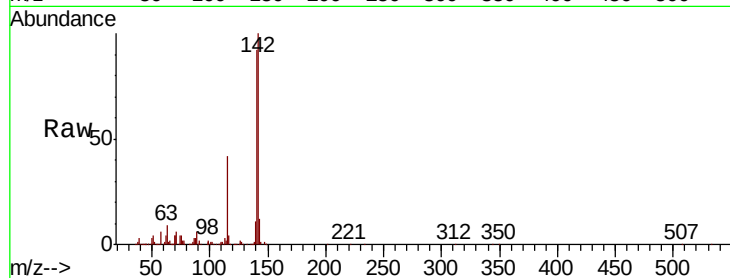
#37
2-Methylnaphthalene
Concen: 43.585 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.3	108.5
115	41.6	30.6	45.8

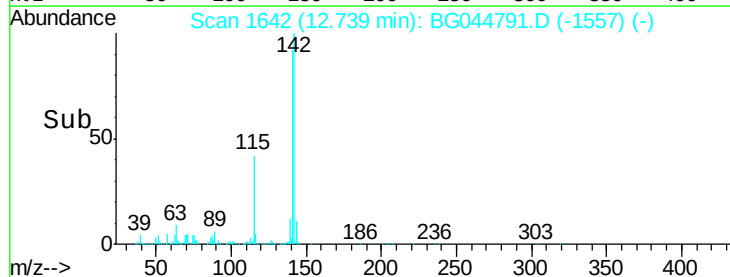
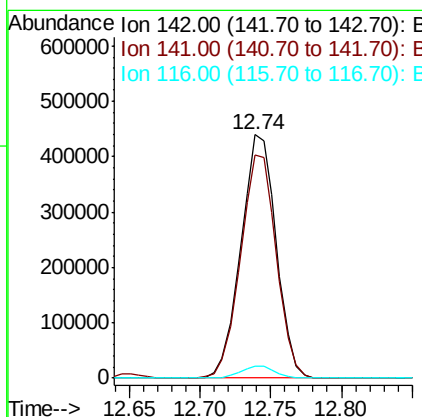
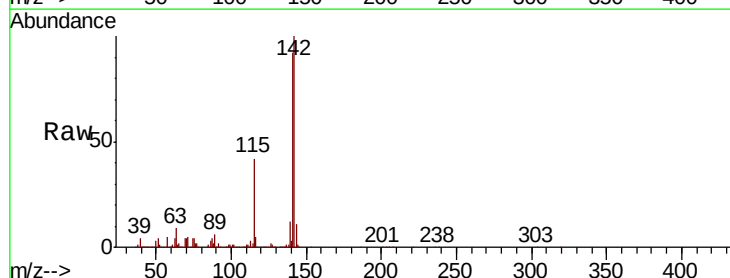
Manual Integrations
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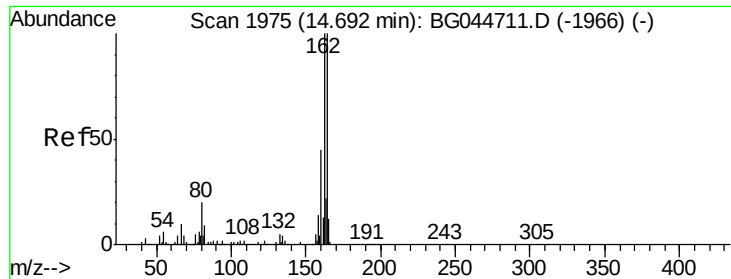
mohammad
3/18/2020 8:43:32 AM



#38
1-Methylnaphthalene
Concen: 43.472 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.2	108.2
116	4.8	3.5	5.3





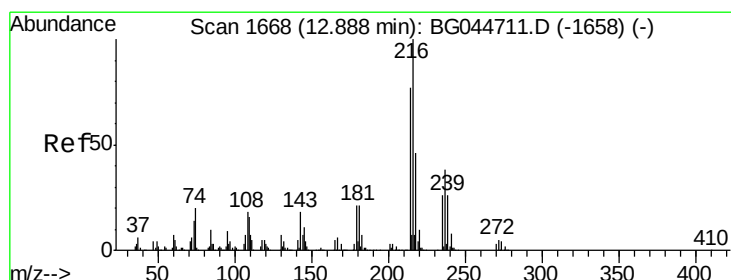
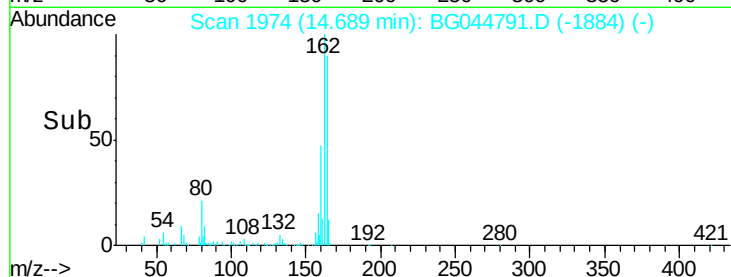
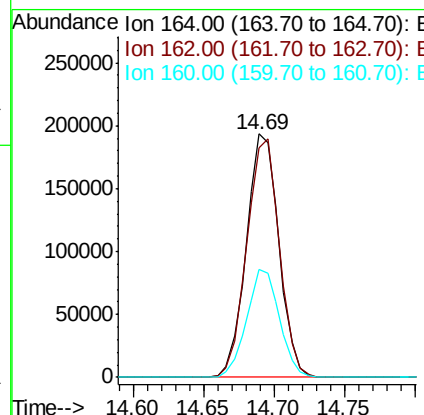
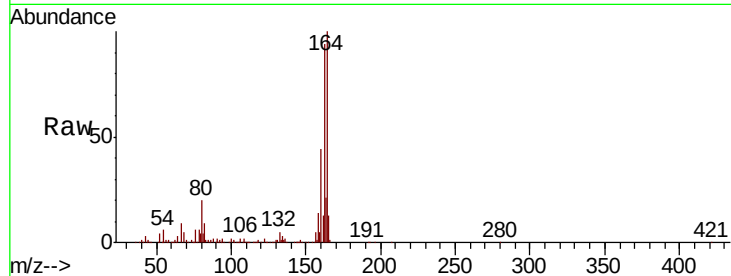
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	94.4	80.2	120.4	
160	44.5	36.2	54.2	

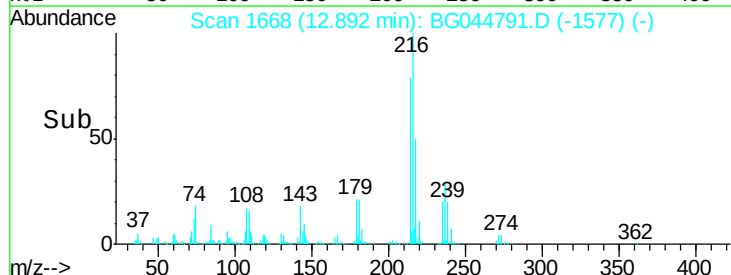
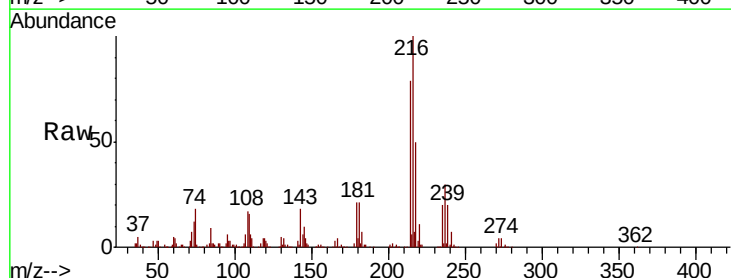
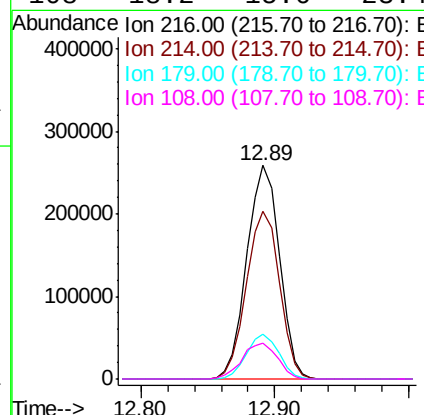
Manual Integrations
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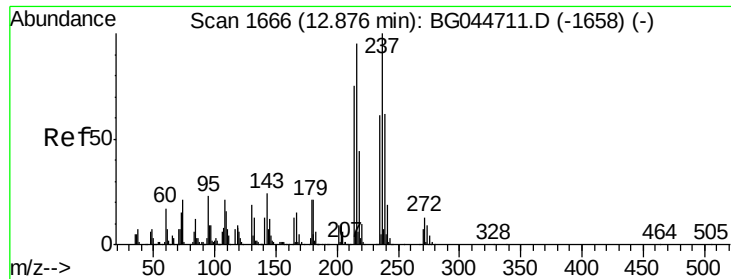
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.520 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.0	94.4	
179	20.7	16.6	24.8	
108	18.2	15.6	23.4	





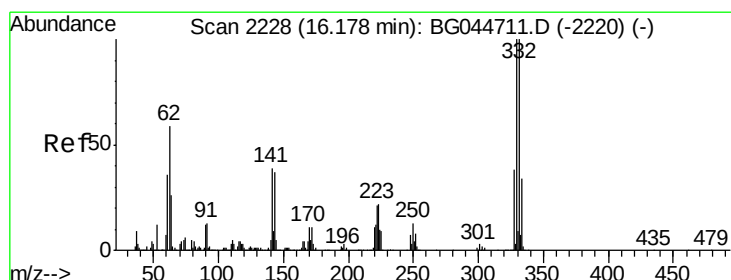
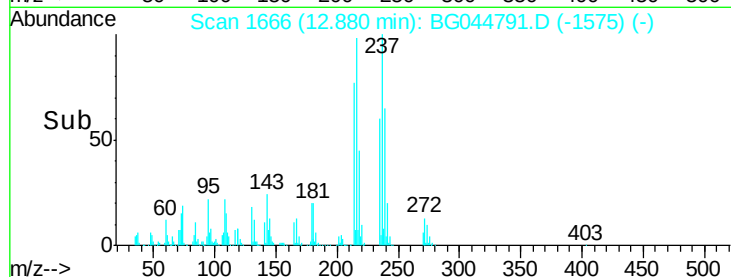
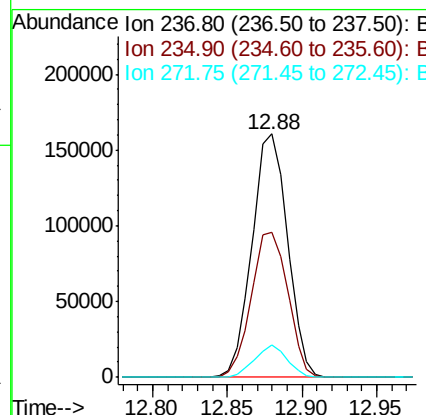
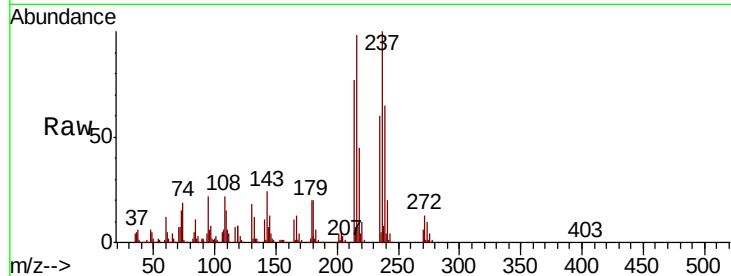
#41
Hexachlorocyclopentadiene
Concen: 47.057 ng
RT: 12.88 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	263590		
235	59.8	40.6	80.6	
272	13.4	0.0	32.5	

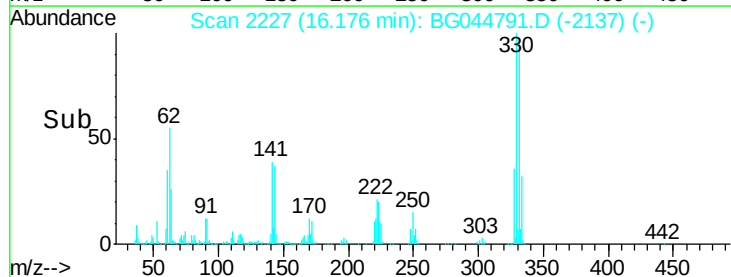
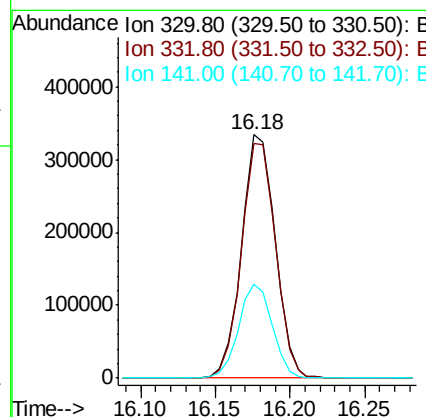
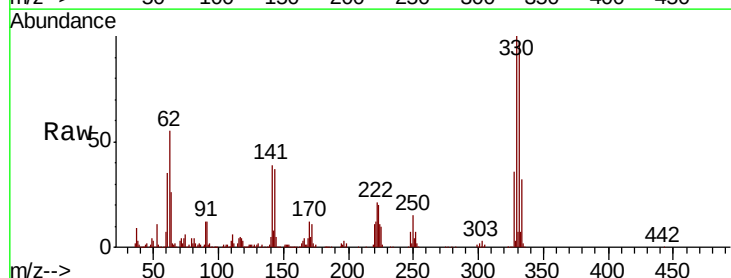
Manual Integrations
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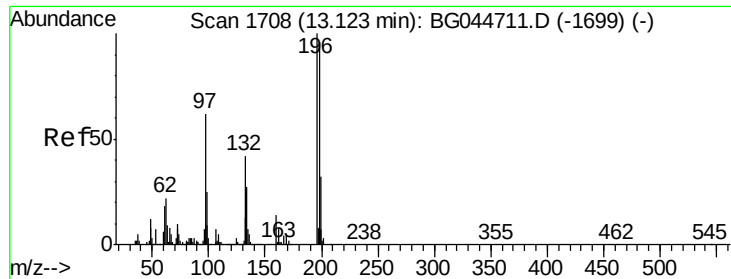
mohammad
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#42
2,4,6-Tribromophenol
Concen: 128.604 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	524073		
332	97.7	77.5	116.3	
141	38.6	31.7	47.5	





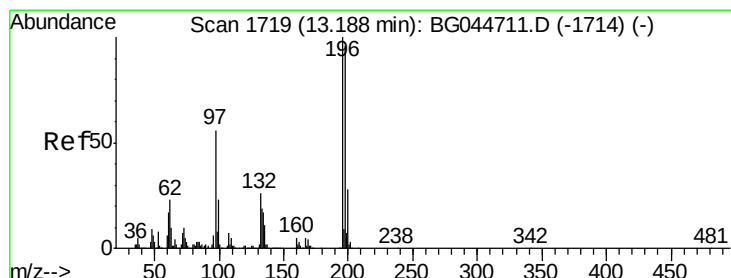
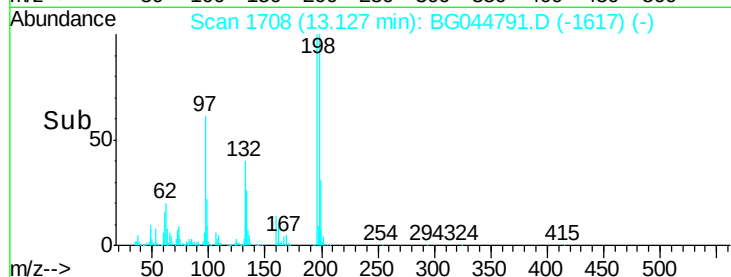
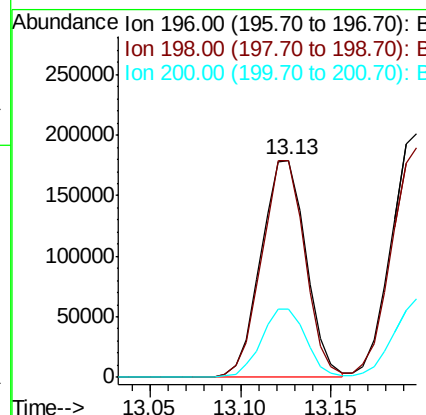
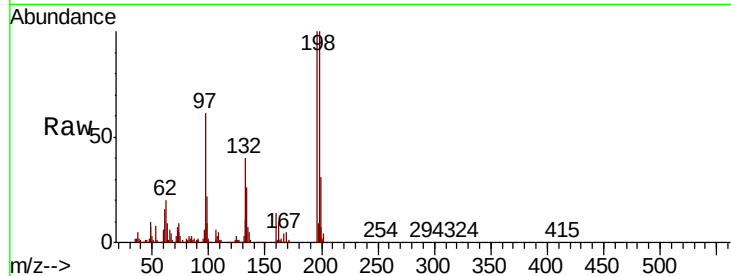
#43
 2,4,6-Trichlorophenol
 Concen: 45.552 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	309855		
198	99.9	76.5	114.7	
200	31.5	25.9	38.9	

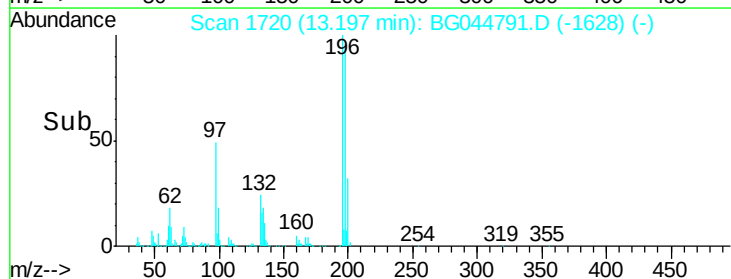
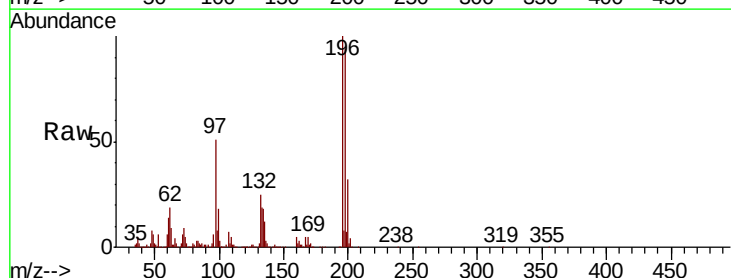
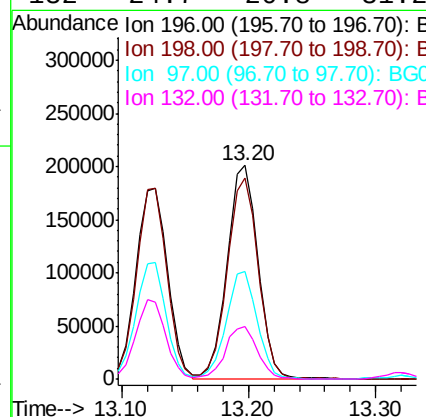
Manual Integrations
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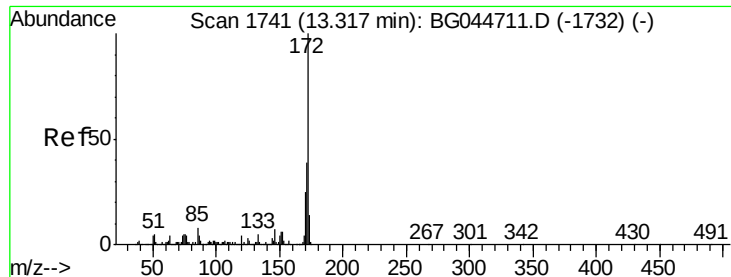
mohammad
 3/18/2020 8:43:32 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.742 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336792		
198	94.2	77.3	115.9	
97	50.6	44.9	67.3	
132	24.7	20.8	31.2	





#45

2-Fluorobiphenyl

Concen: 80.823 ng

RT: 13.32 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampled :

MC5B39MS

Tot Ion:172 Resp: 1756567

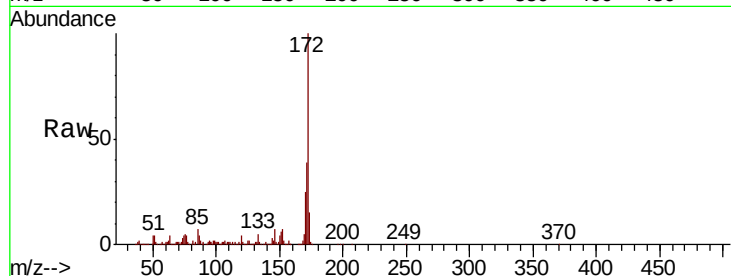
Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.8	46.2
170	25.4	20.0	30.0

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3/18/2020 8:43:32 AM

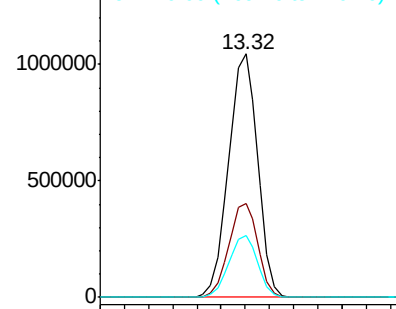


Abundance

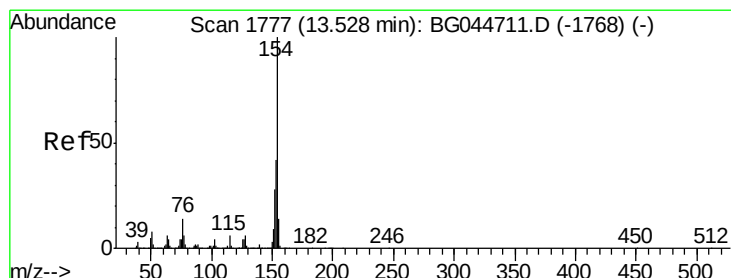
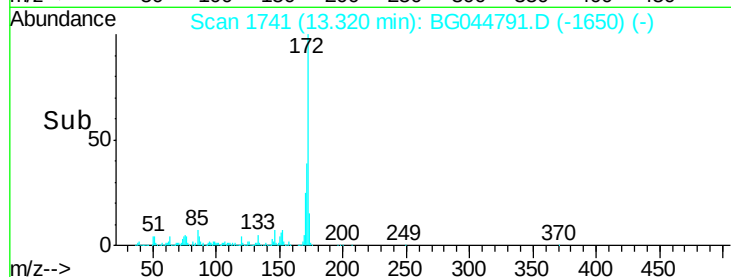
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 13.20 13.30 13.40



#46

1,1'-Biphenyl

Concen: 40.593 ng

RT: 13.53 min Scan# 1776

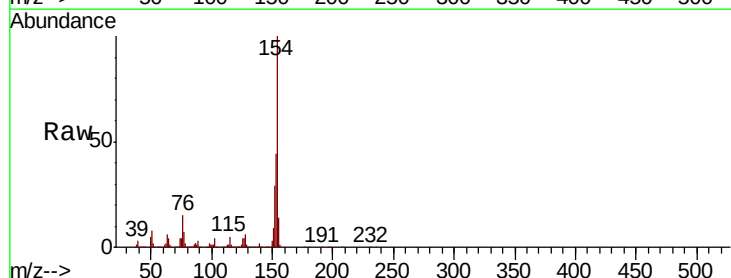
Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion:154 Resp: 1009603

Ion	Ratio	Lower	Upper
154	100		
153	43.9	22.0	62.0
76	14.7	0.0	34.2

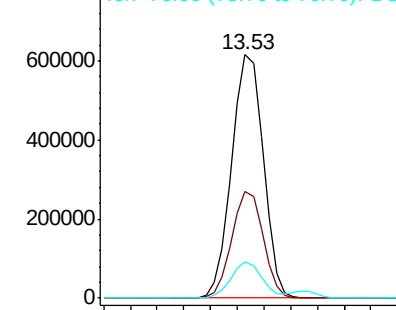


Abundance

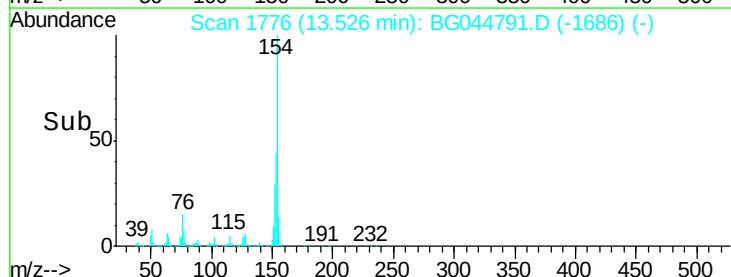
Ion 154.00 (153.70 to 154.70): E

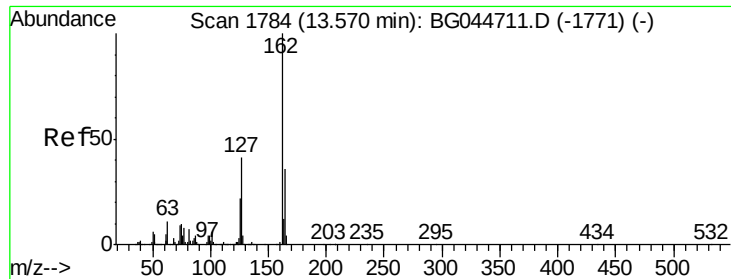
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG



Time--> 13.50 13.60





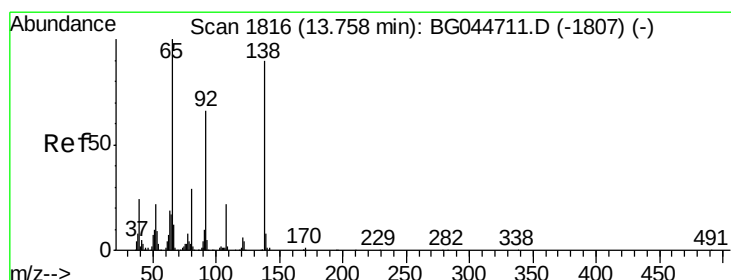
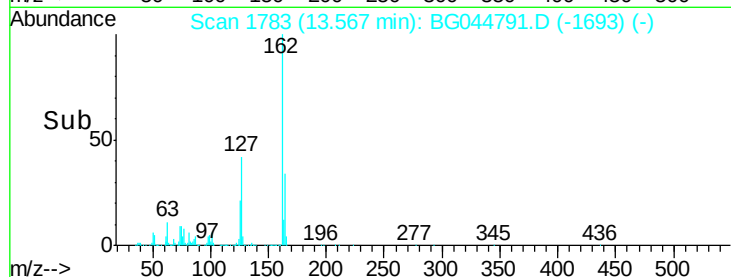
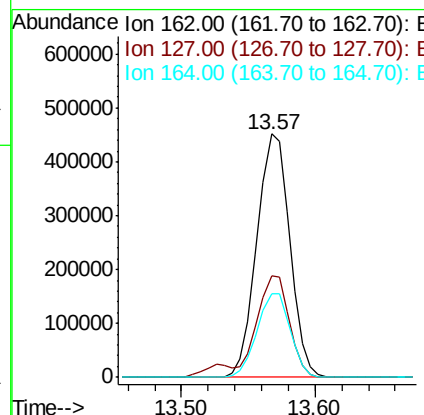
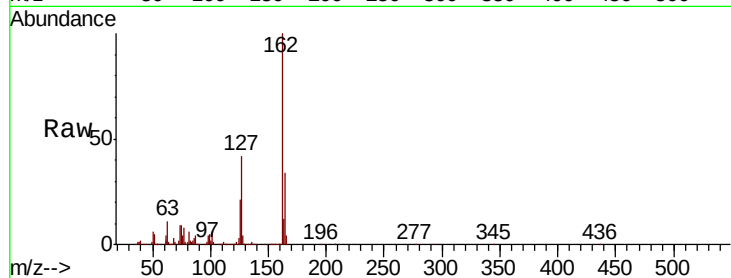
#47
 2-Chloronaphthalene
 Concen: 40.504 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	34.1	29.0	43.4

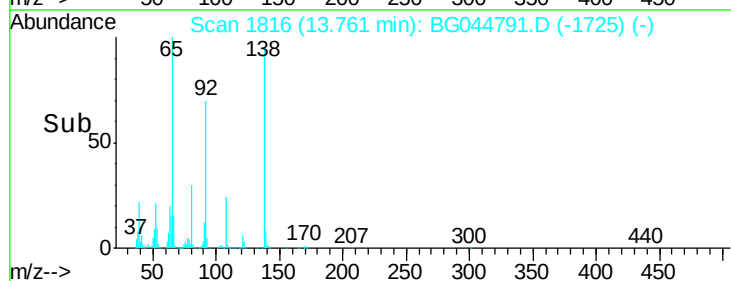
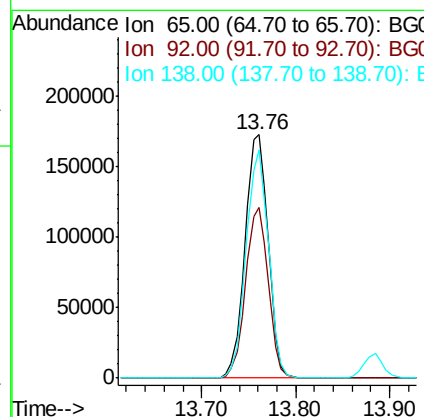
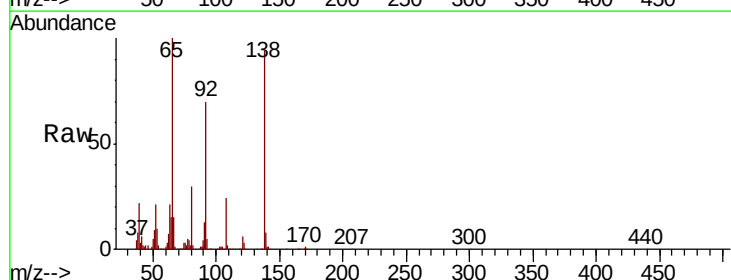
Manual Integrations
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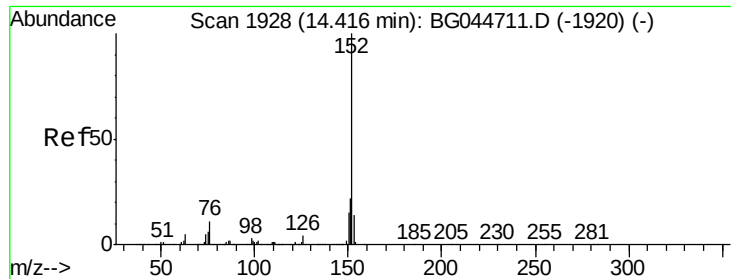
mohammad
 3/18/2020 8:43:32 AM



#48
 2-Nitroaniline
 Concen: 44.295 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	52.6	79.0
138	93.7	71.8	107.6





#49

Acenaphthylene

Concen: 42.347 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

Tot Ion:152 Resp: 1260458

Ion Ratio Lower Upper

152 100

151 22.2 17.8 26.8

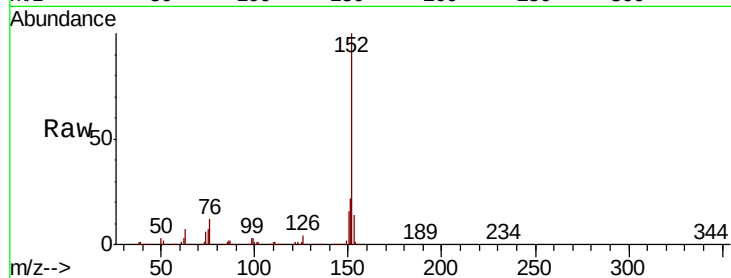
153 14.4 11.4 17.0

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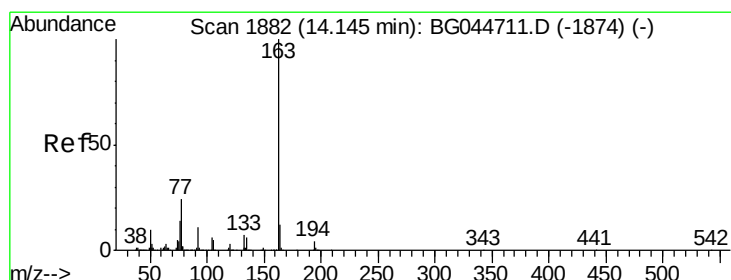
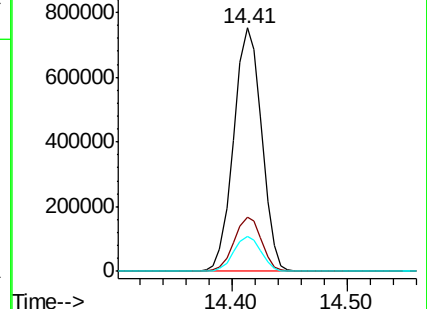
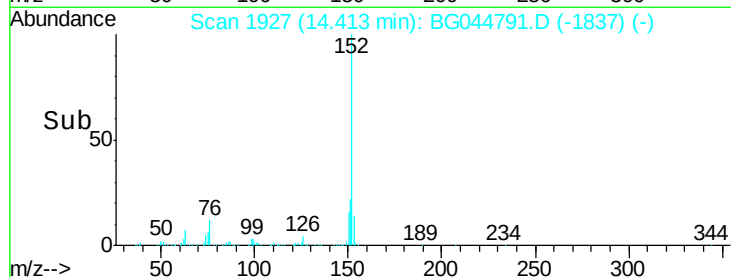
3/18/2020 8:43:32 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.639 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

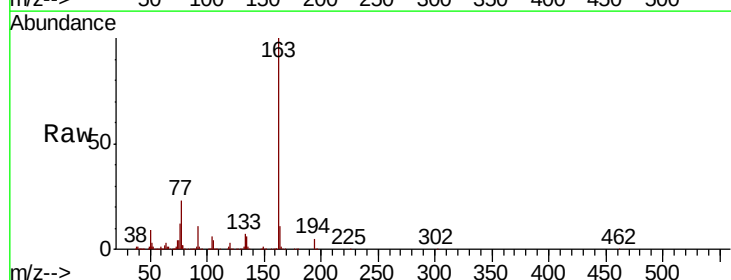
Tgt Ion:163 Resp: 1156080

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

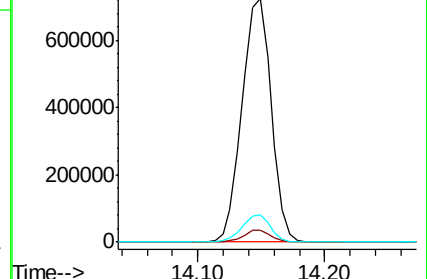
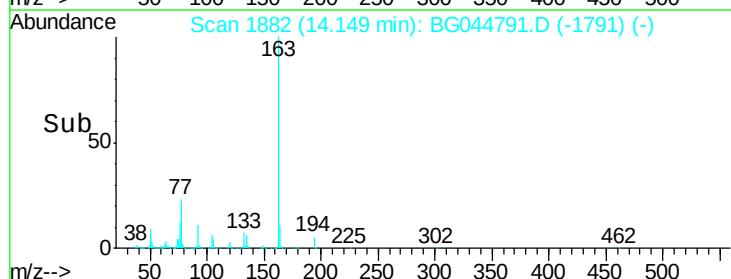
164 11.4 9.2 13.8

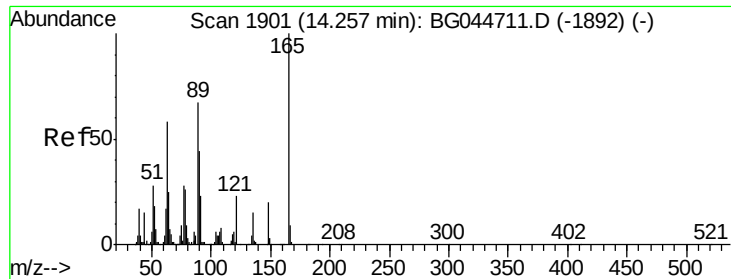


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





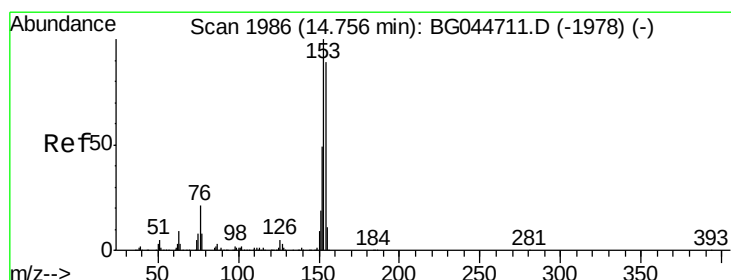
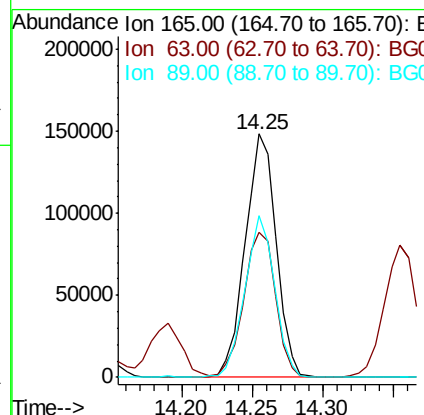
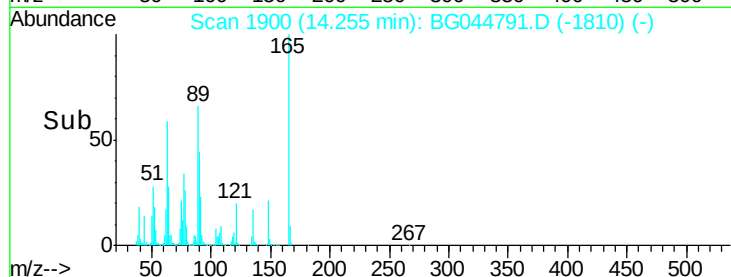
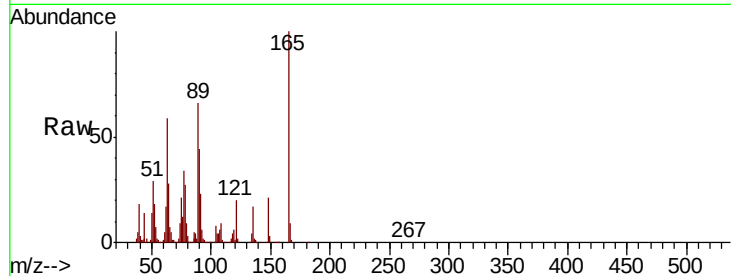
#51
 2,6-Dinitrotoluene
 Concen: 45.745 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.4	48.9	73.3
89	66.2	53.8	80.8

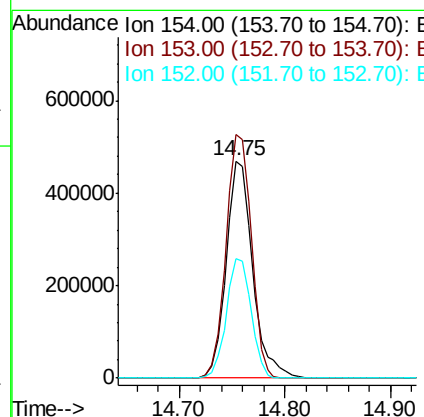
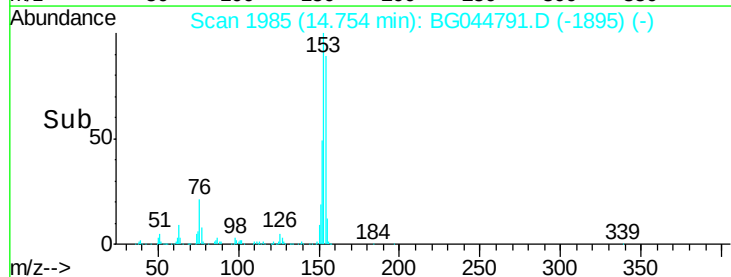
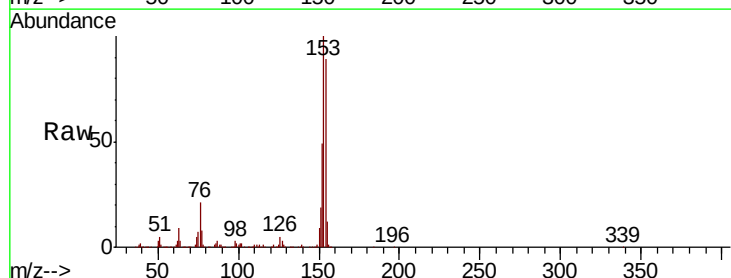
Manual Integrations
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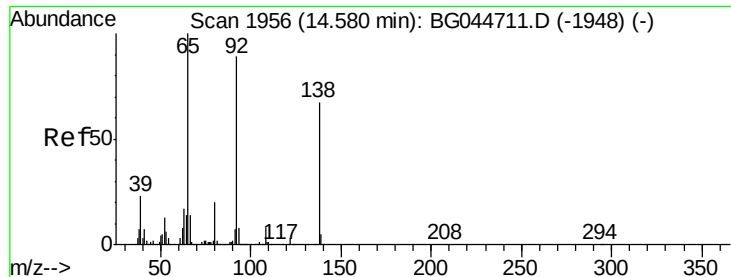
mohammad
 3/18/2020 8:43:32 AM



#52
 Acenaphthene
 Concen: 41.659 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.8	134.8
152	54.7	44.4	66.6





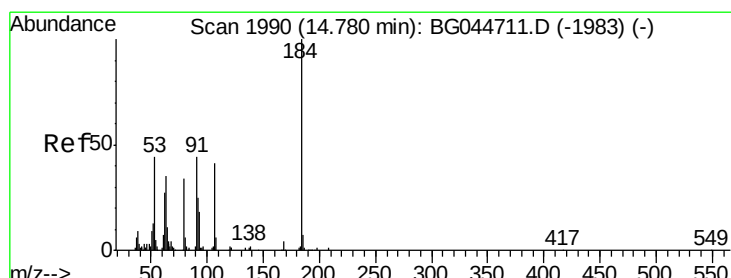
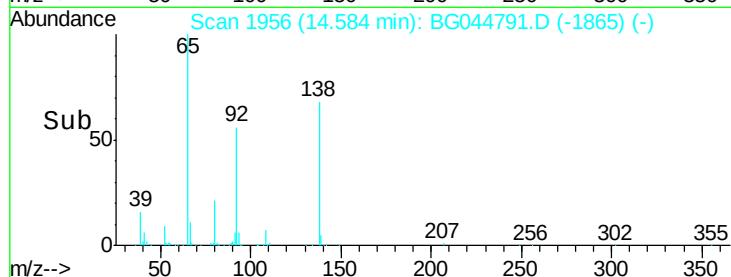
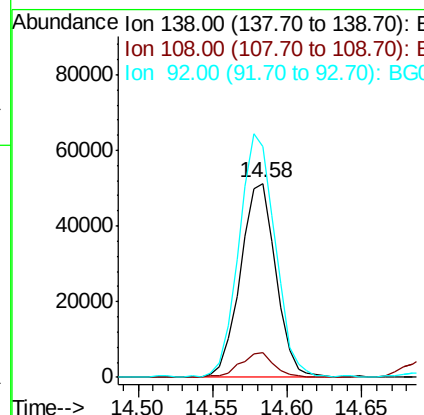
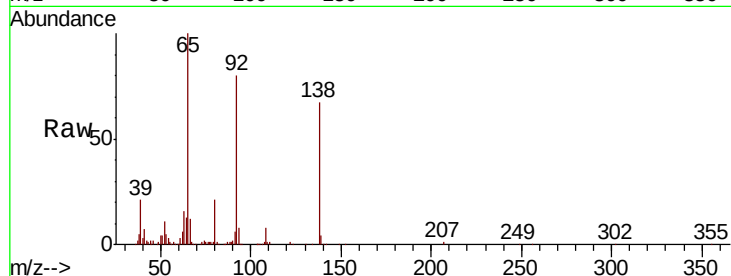
#53
3-Nitroaniline
Concen: 14.713 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	9.2	13.8
92	119.3	105.6	158.4

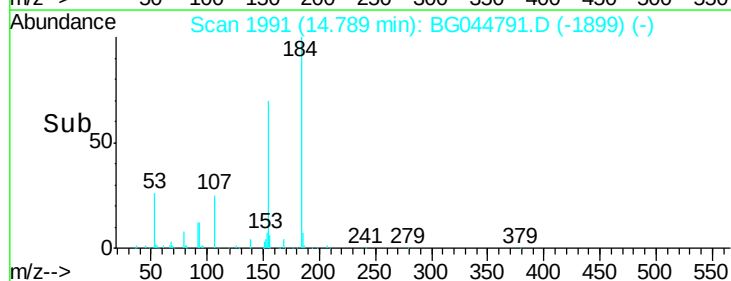
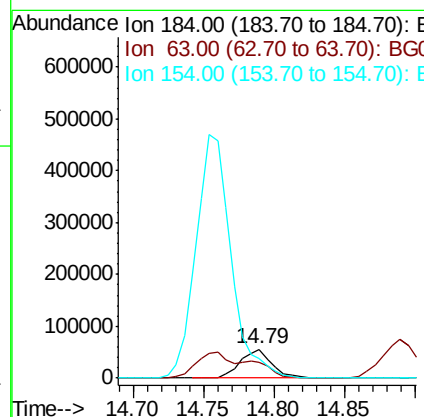
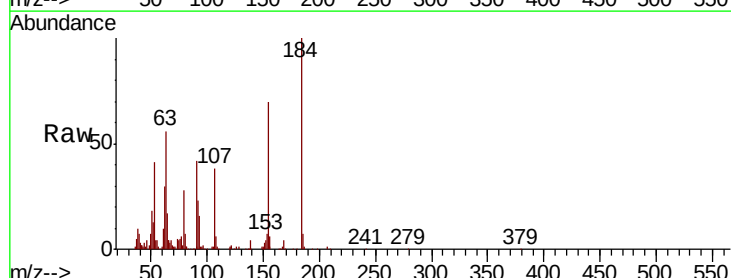
Manual Integrations
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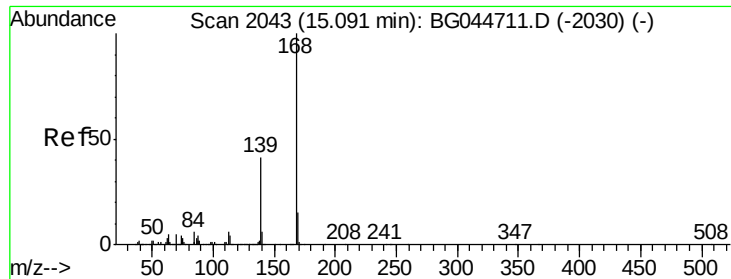
mohammad
3/18/2020 8:43:32 AM



#54
2,4-Dinitrophenol
Concen: 37.731 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.1	49.0	73.6
154	69.9	94.5	141.7#





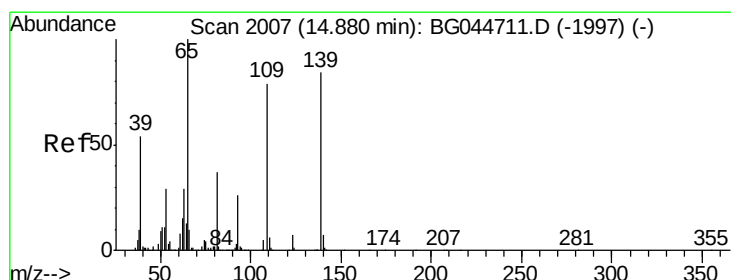
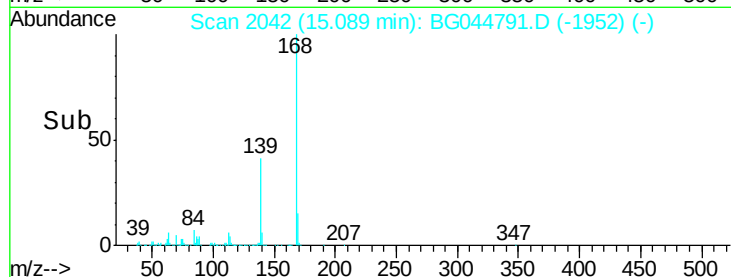
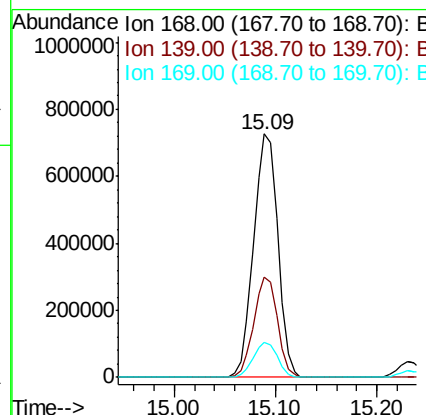
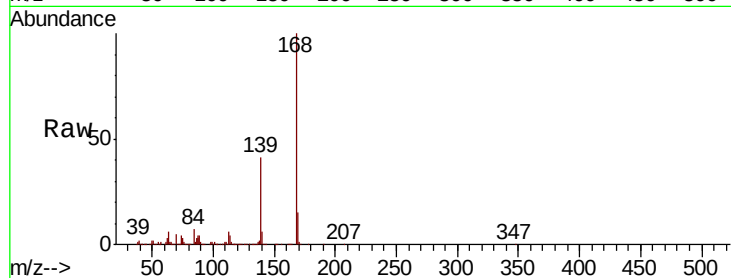
#55
Dibenzofuran
Concen: 42.549 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.6	49.0
169	14.6	11.8	17.6

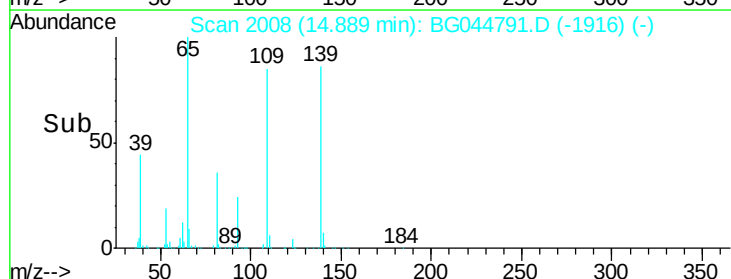
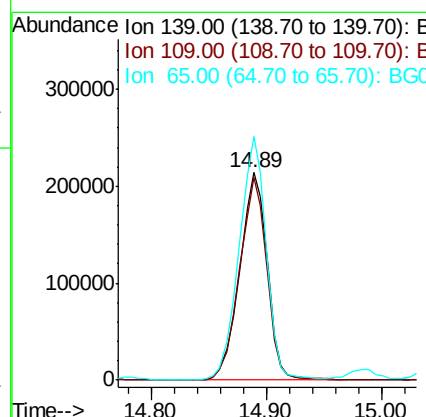
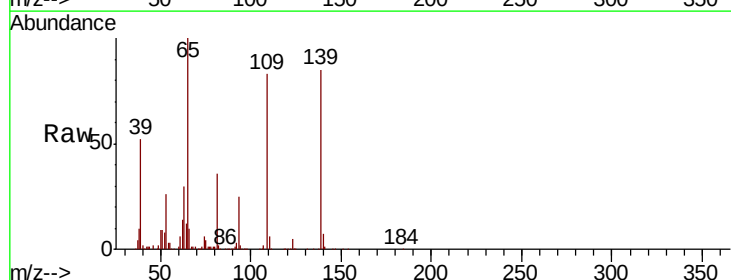
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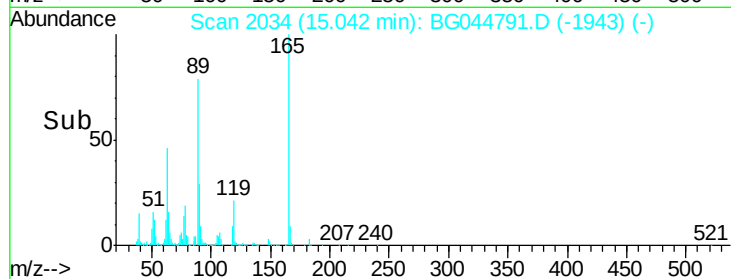
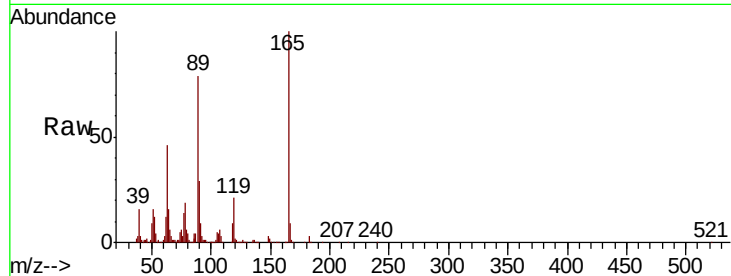
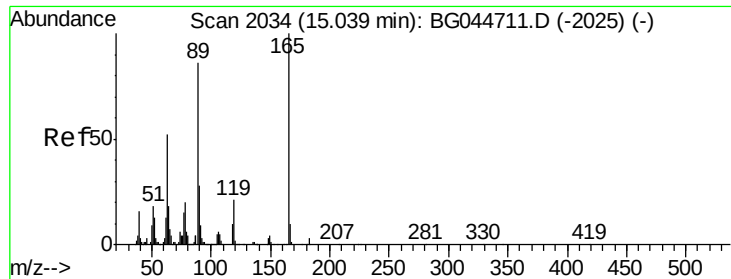
mohammad
3/18/2020 8:43:32 AM



#56
4-Nitrophenol
Concen: 80.762 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.8	74.1	114.1
65	117.3	98.6	138.6





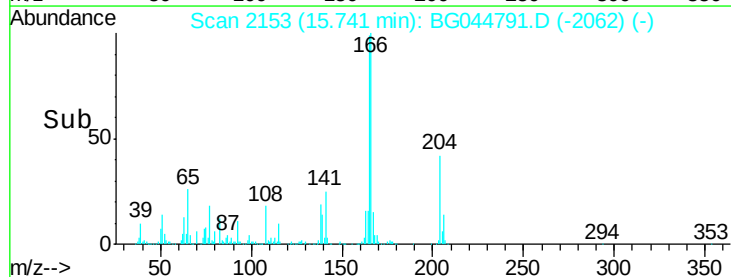
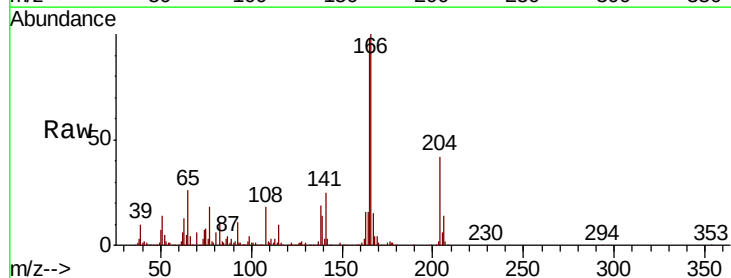
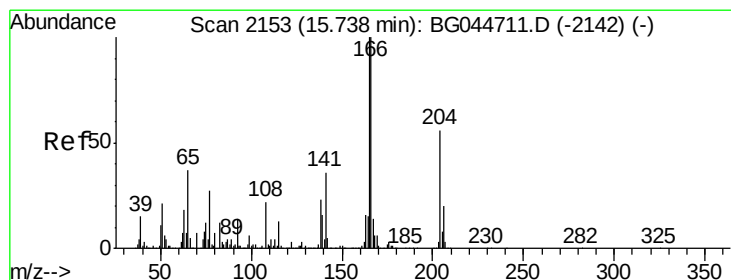
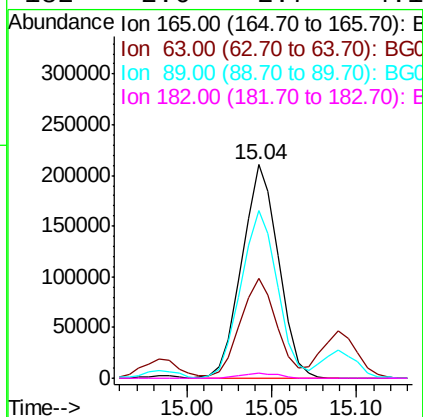
#57
2,4-Dinitrotoluene
Concen: 46.369 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	41.5	62.3
89	78.6	69.0	103.4
182	2.6	2.7	4.1#

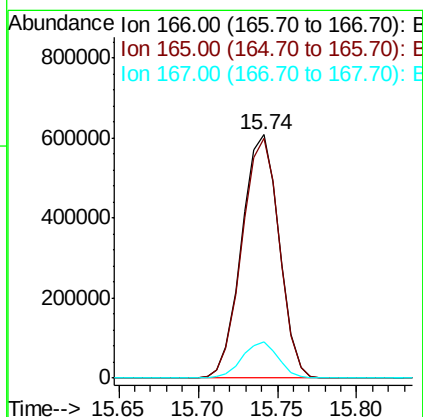
Manual Integrations
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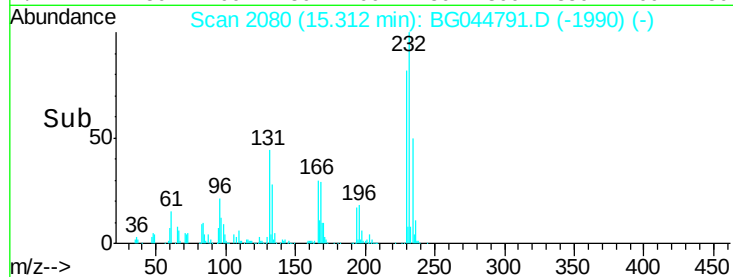
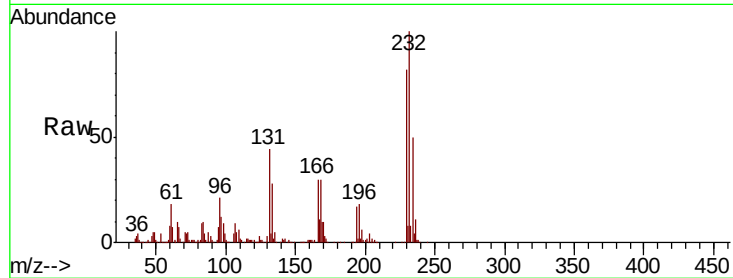
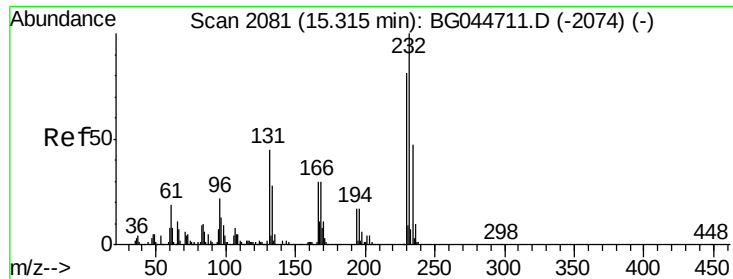
mohammad
3/18/2020 8:43:32 AM



#58
Fluorene
Concen: 42.907 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.6	119.4
167	15.0	11.4	17.2





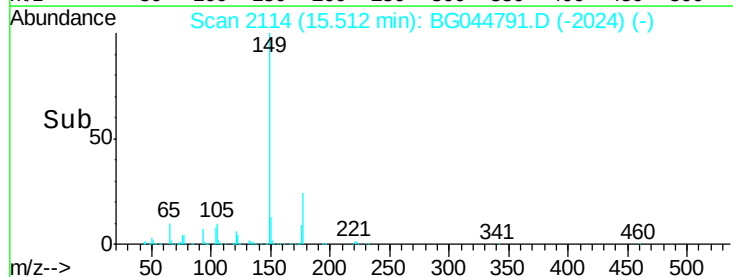
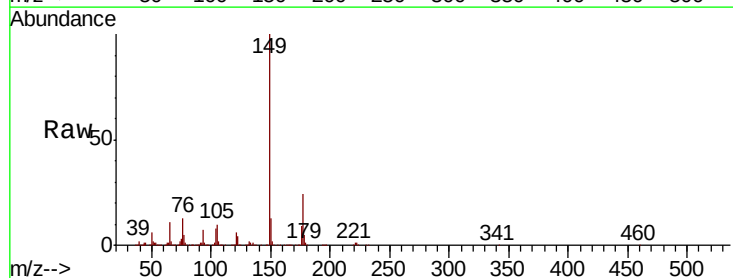
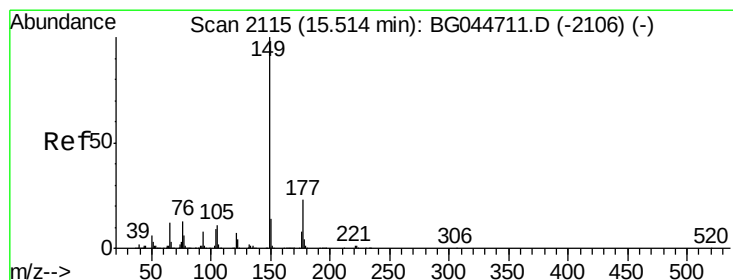
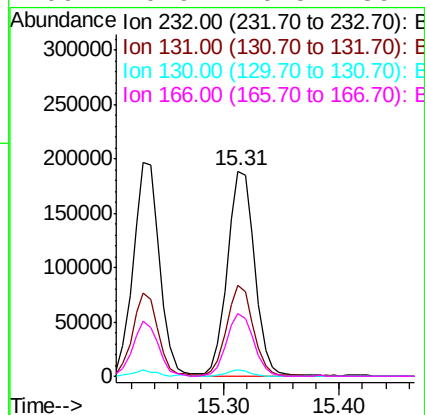
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.317 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	307310		
131	43.0	32.4	48.6	
130	2.7	2.0	3.0	
166	29.9	20.5	30.7	

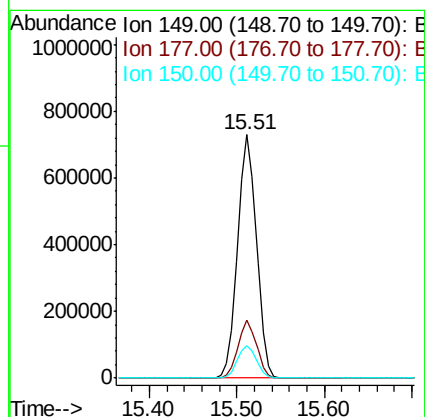
Manual Integrations
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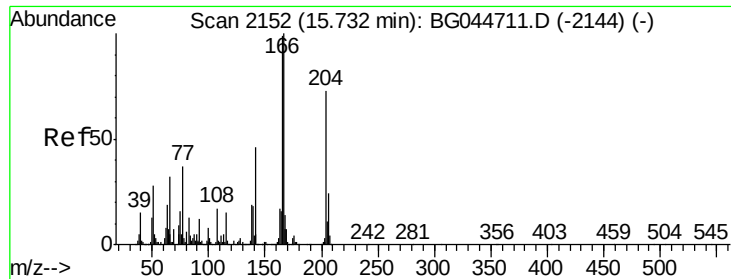
mohammad
3/18/2020 8:43:32 AM



#60
Diethylphthalate
Concen: 40.906 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1057580		
177	23.7	18.8	28.2	
150	13.2	11.2	16.8	





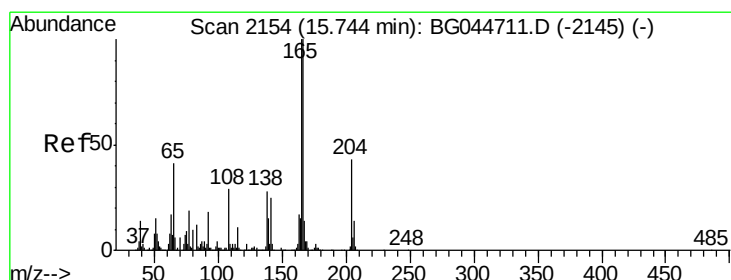
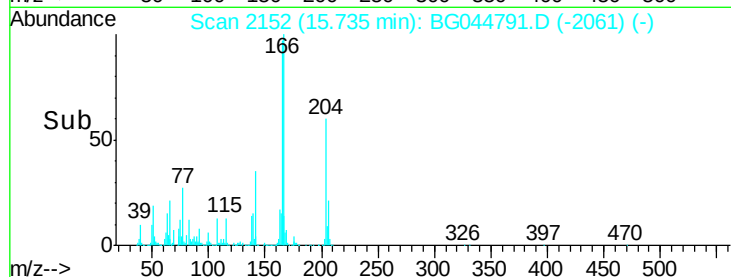
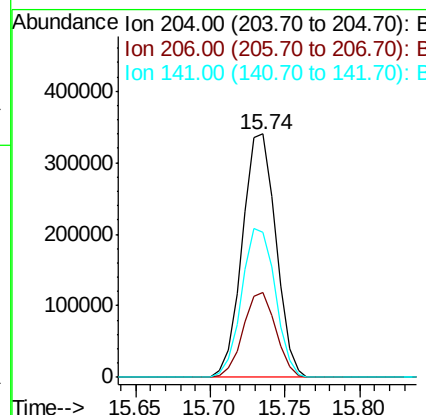
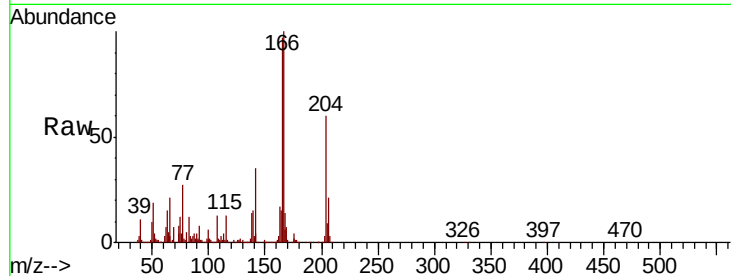
#61
 4-Chlorophenyl-phenylether
 Concen: 42.390 ng
 RT: 15.74 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	25.8	38.6
141	59.3	50.8	76.2

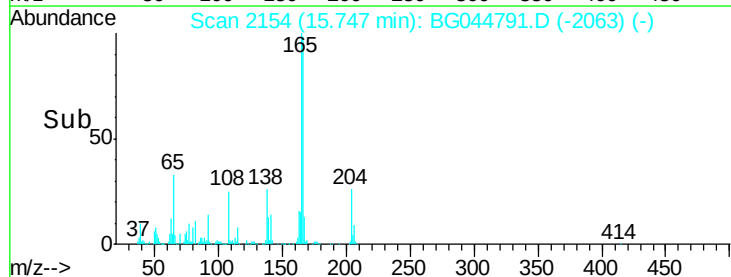
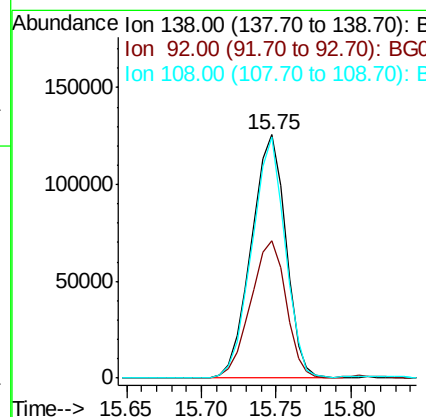
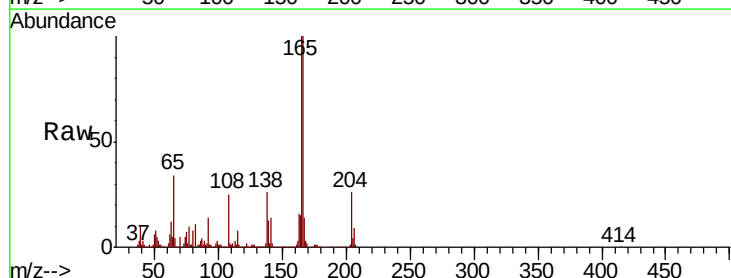
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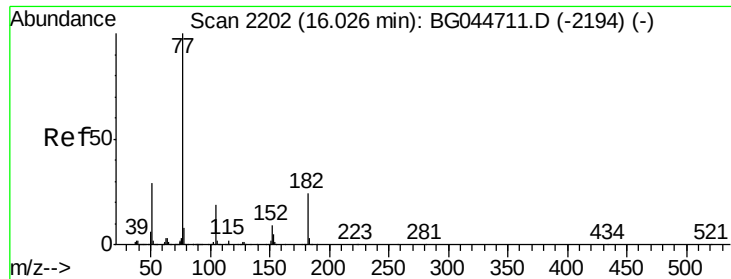
mohammad
 3/18/2020 8:43:32 AM



#62
 4-Nitroaniline
 Concen: 32.920 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	42.1	82.1
108	99.1	81.2	121.2





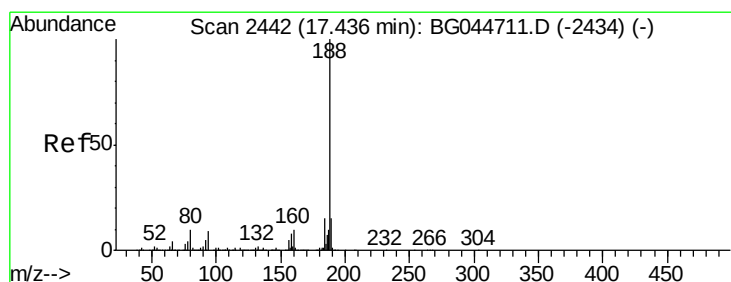
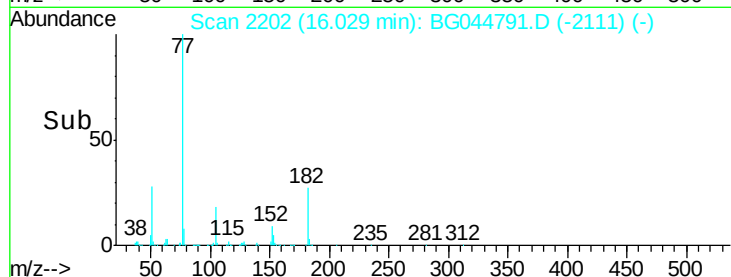
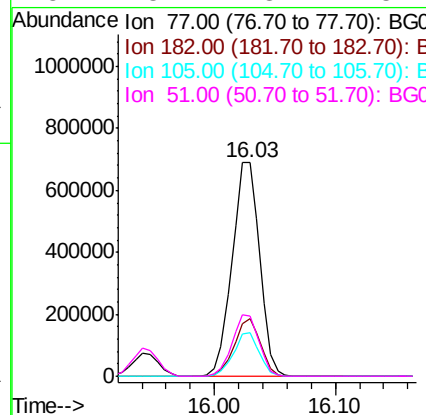
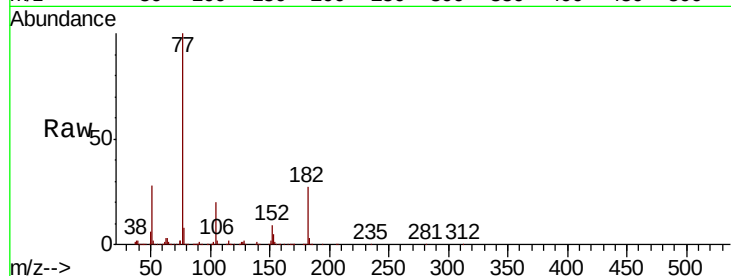
#63
Azobenzene
Concen: 40.598 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.7	3.6	43.6	
105	20.3	0.0	39.3	
51	28.4	8.7	48.7	

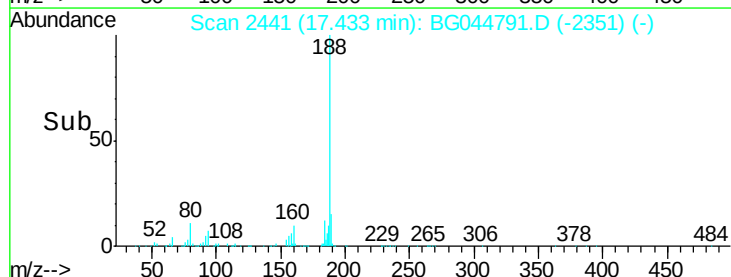
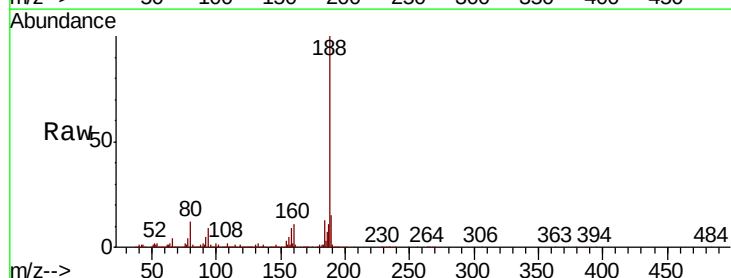
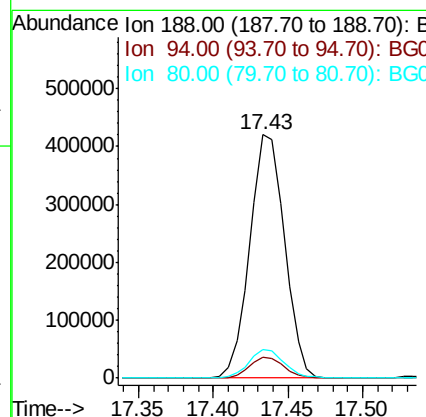
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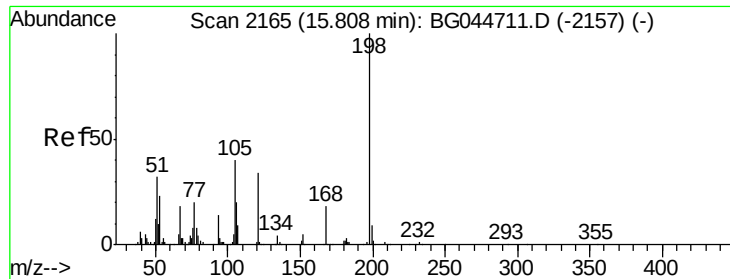
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.0	10.6	
80	11.8	8.4	12.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 27.860 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

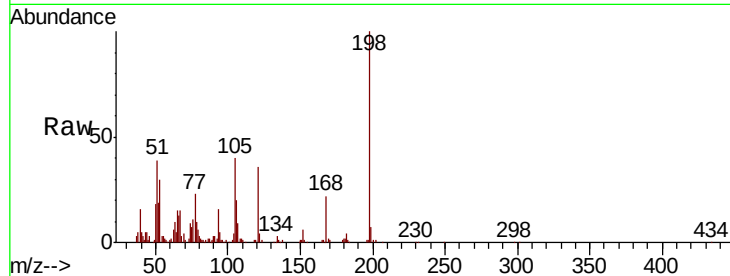
ClientSampleId :

MC5B39MS

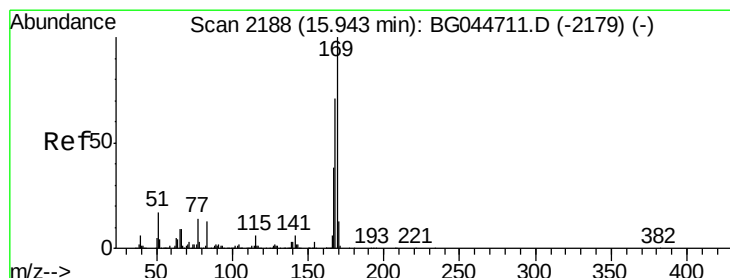
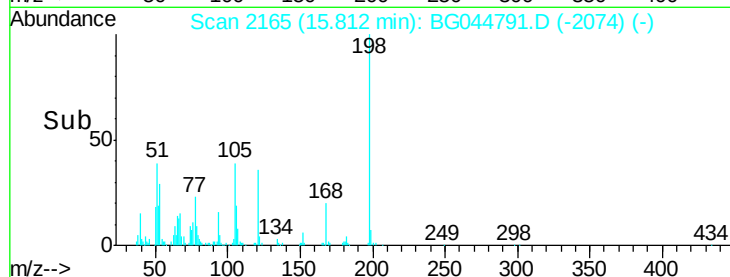
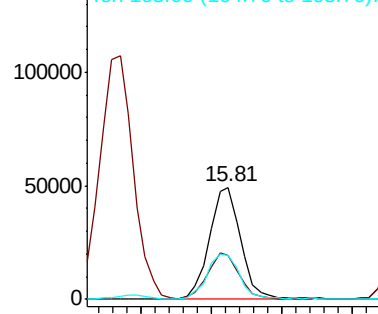
Tot Ion:	198	Resp:	76280
Ion Ratio	Lower	Upper	
198	100		
51	39.2	20.1	60.1
105	39.6	21.3	61.3

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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: 43.229 ng

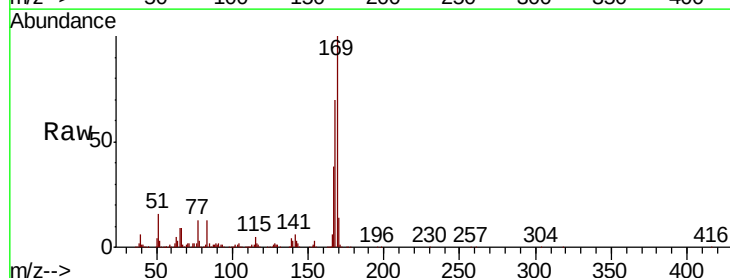
RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

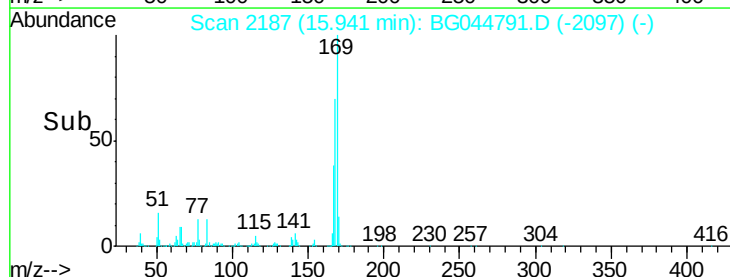
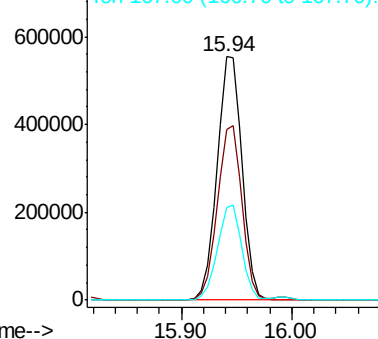
Lab File: BG044791.D

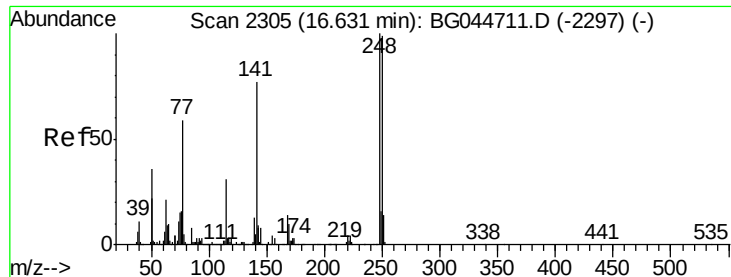
Acq: 14 Mar 2020 9:48

Tgt Ion:	169	Resp:	879241
Ion Ratio	Lower	Upper	
169	100		
168	70.3	56.6	85.0
167	38.1	30.1	45.1



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





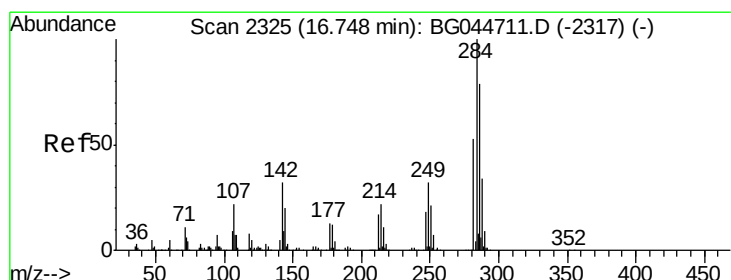
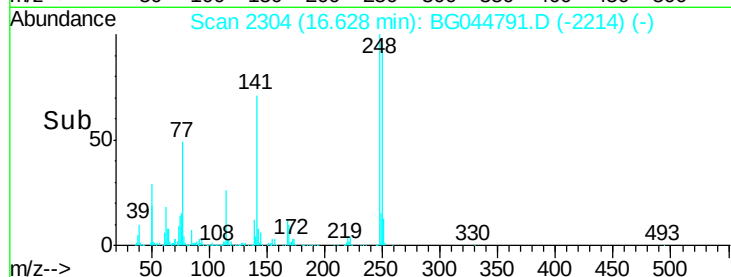
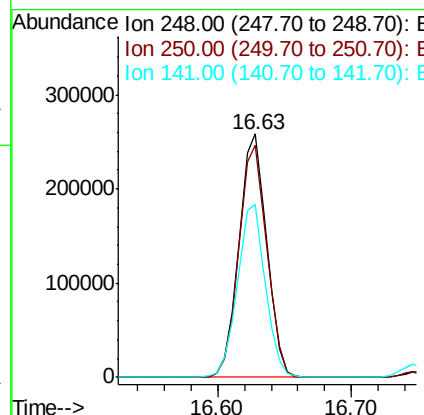
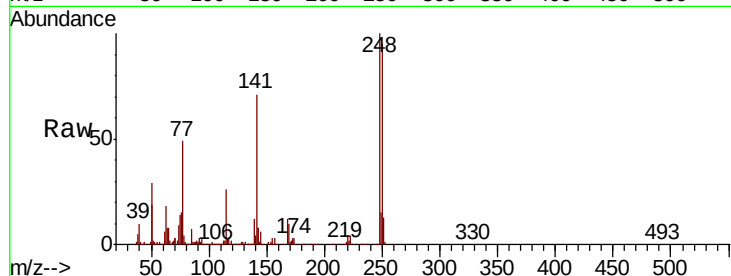
#67
4-Bromophenyl-phenylether
Concen: 44.080 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	79.4	119.0
141	71.3	61.7	92.5

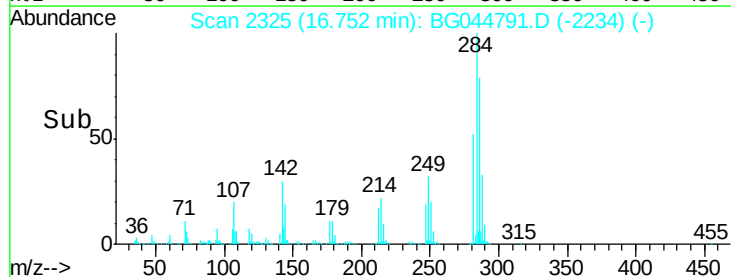
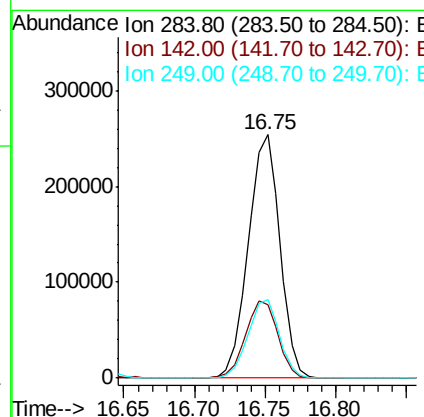
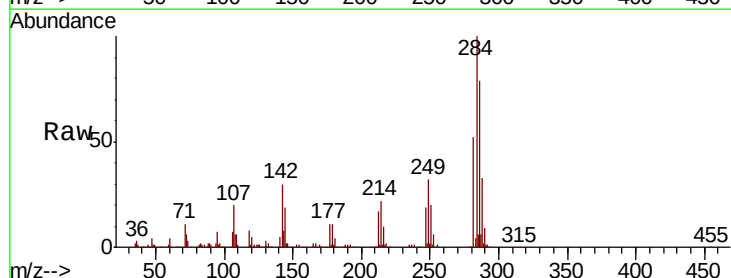
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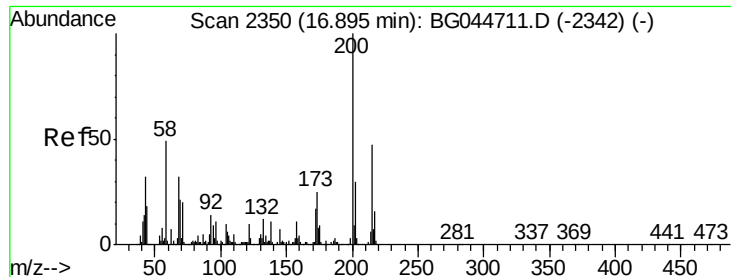
mohammad
3/18/2020 8:43:32 AM



#68
Hexachlorobenzene
Concen: 43.407 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.6	38.4
249	32.4	25.8	38.6





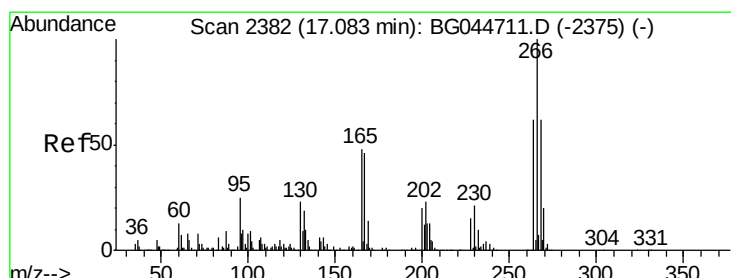
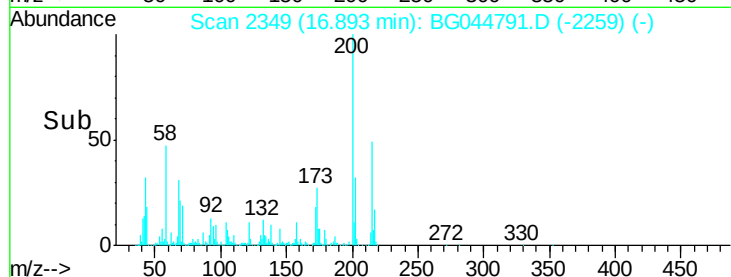
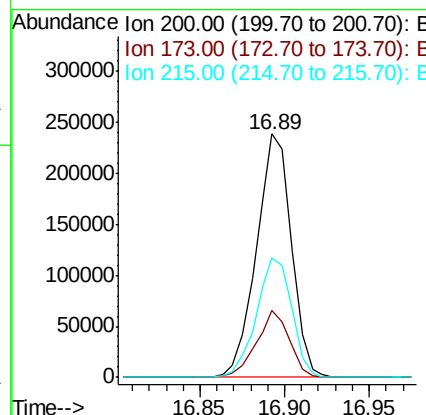
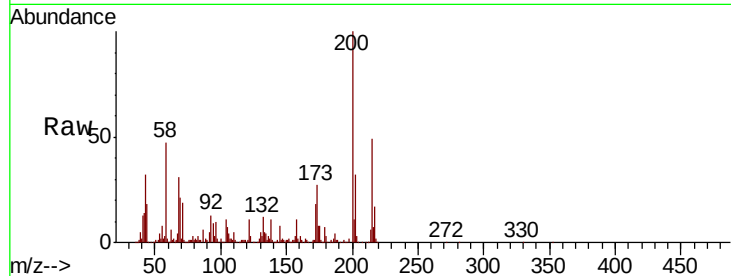
#69
Atrazine
Concen: 45.735 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.4	4.8	44.8
215	48.9	27.4	67.4

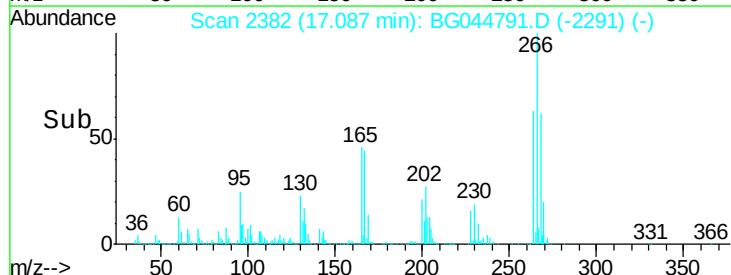
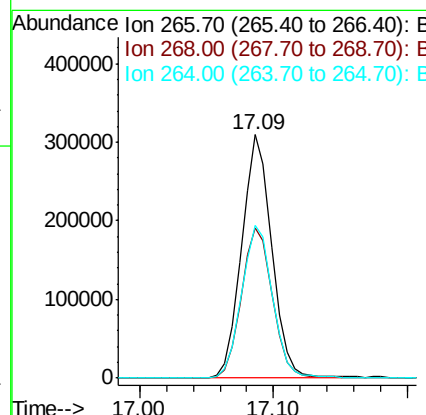
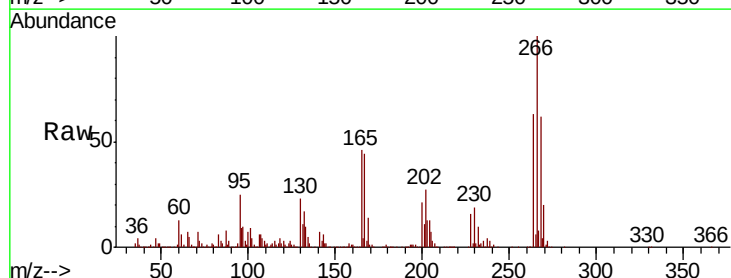
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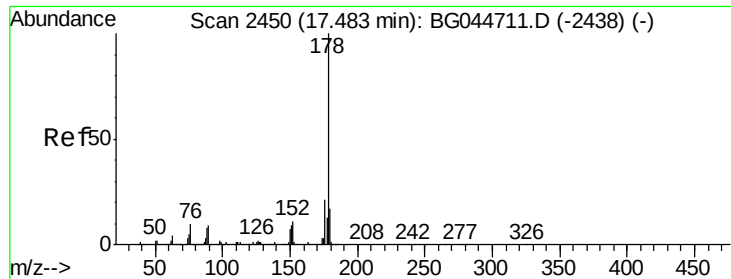
mohammad
3/18/2020 8:43:32 AM



#70
Pentachlorophenol
Concen: 95.433 ng
RT: 17.09 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.9	49.9	74.9
264	63.0	49.9	74.9





#71

Phenanthrene

Concen: 42.172 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampled :

MC5B39MS

Tot Ion:178 Resp: 1522441

Ion Ratio Lower Upper

178 100

176 23.1 17.0 25.6

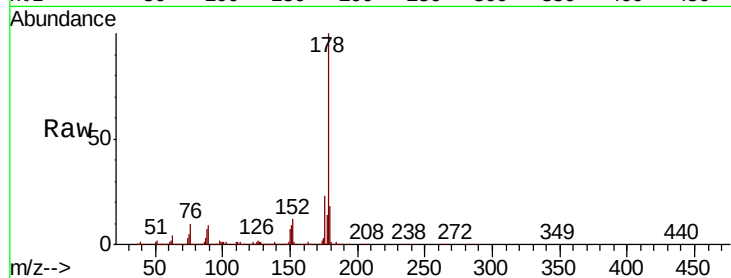
179 18.2 13.7 20.5

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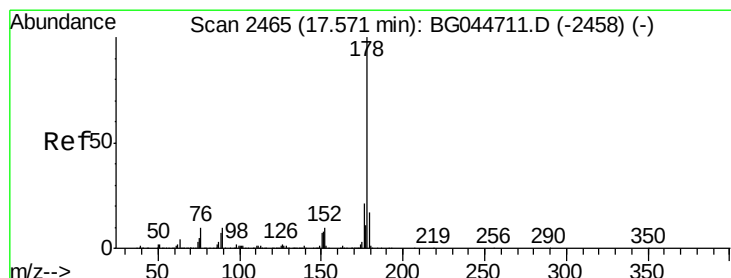
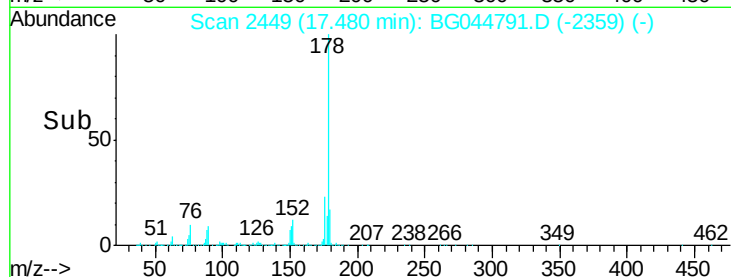
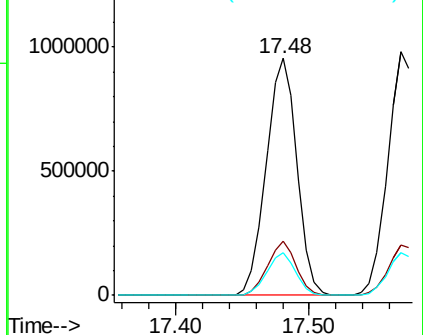
3/18/2020 8:43:32 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.383 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

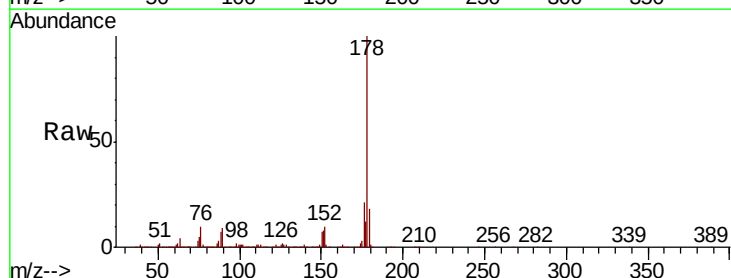
Tgt Ion:178 Resp: 1544301

Ion Ratio Lower Upper

178 100

176 20.6 17.0 25.6

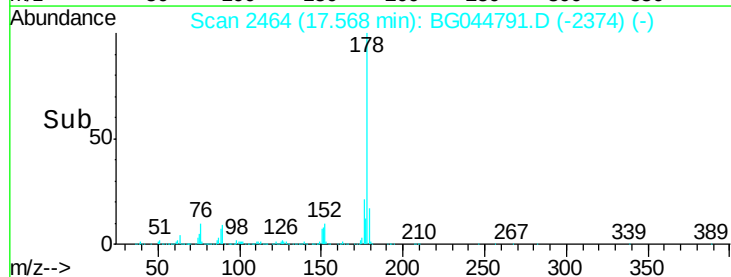
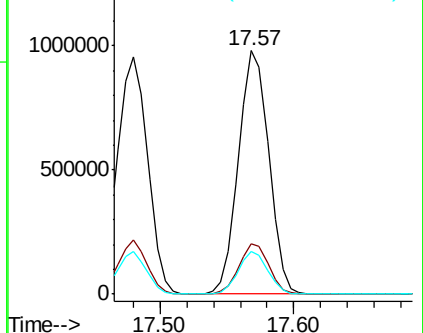
179 17.7 13.8 20.8

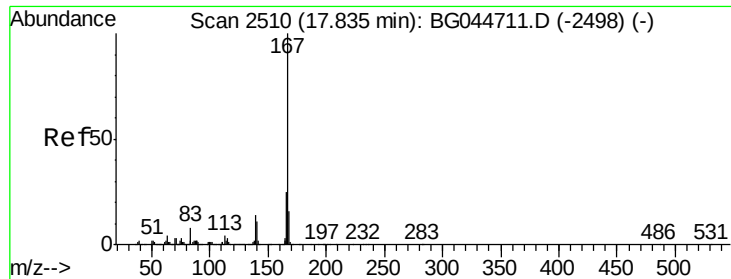


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





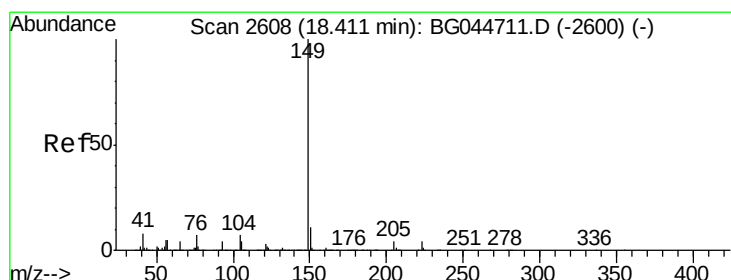
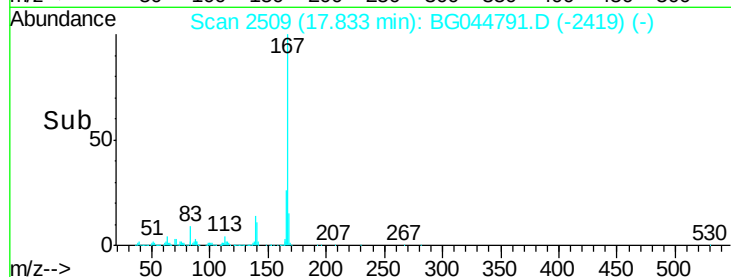
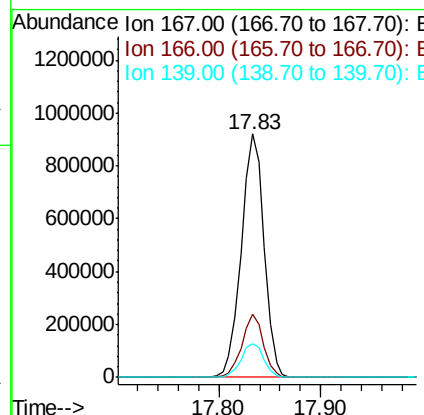
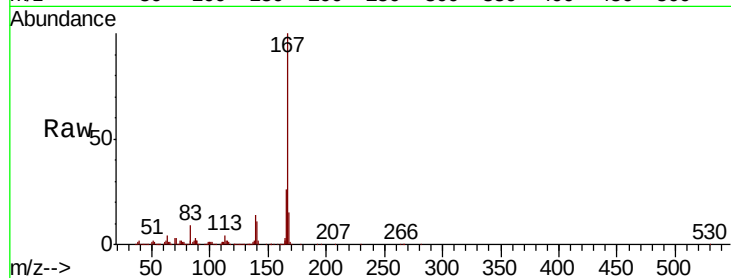
#73
 Carbazole
 Concen: 41.797 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.8	19.6	29.4
139	13.8	11.4	17.2

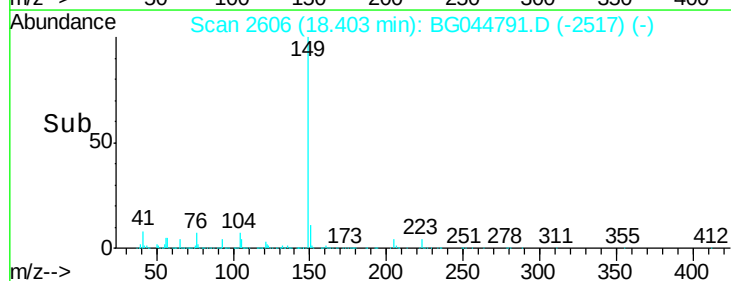
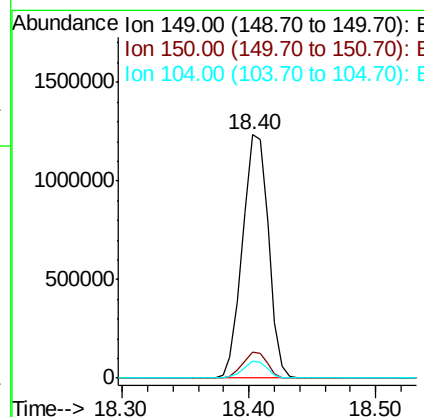
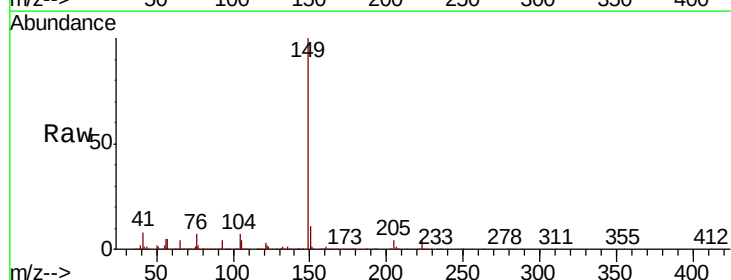
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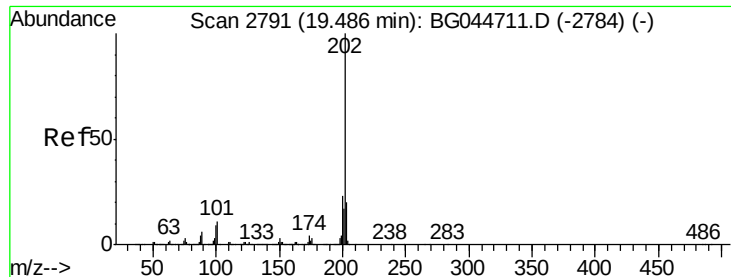
mohammad
 3/18/2020 8:43:32 AM



#74
 Di-n-butylphthalate
 Concen: 41.872 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BG044791.D
 Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.4	12.6
104	6.8	5.6	8.4





#75

Fluoranthene

Concen: 41.424 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

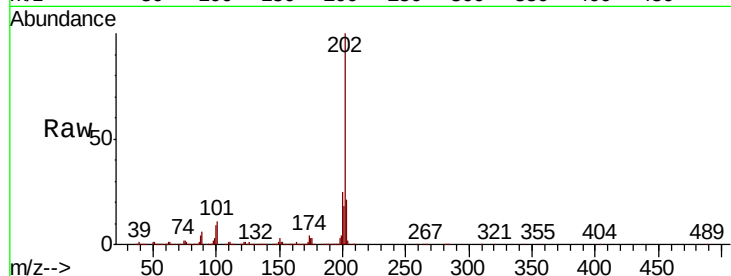
ClientSampleId :

MC5B39MS

Tot Ion:	202	Resp:	1780584
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	20.7	0.4	40.4

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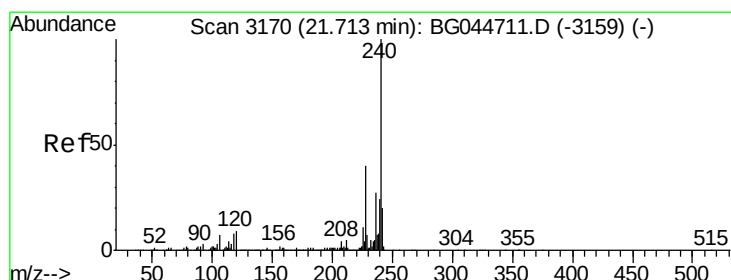
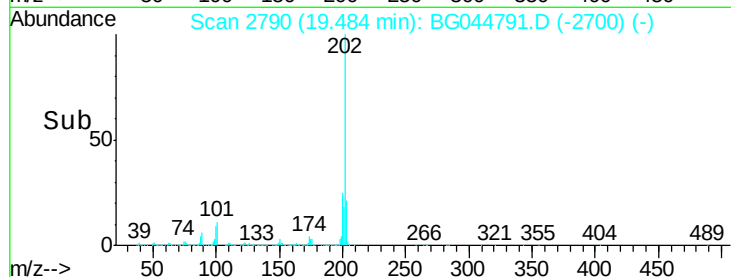
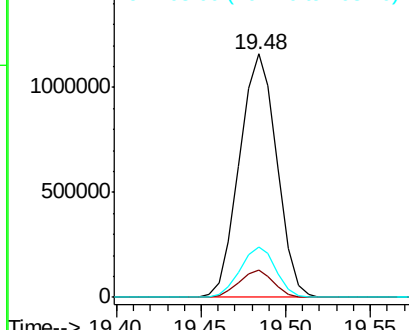


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

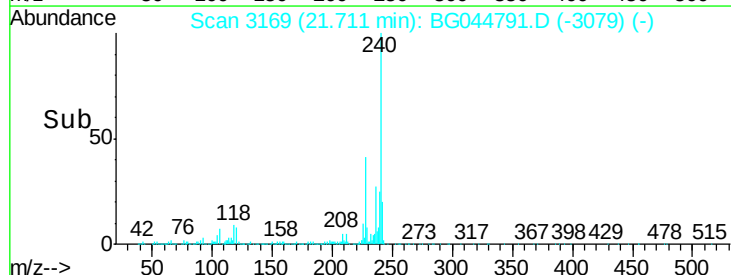
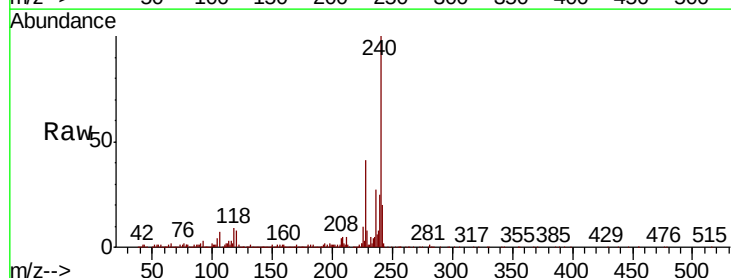
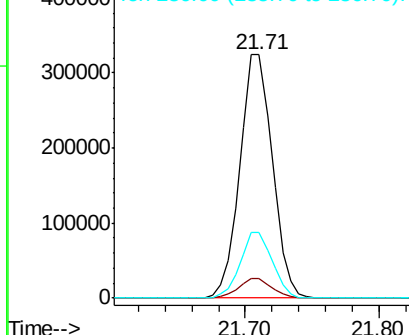
Tgt Ion:	240	Resp:	545771
Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	26.8	21.9	32.9

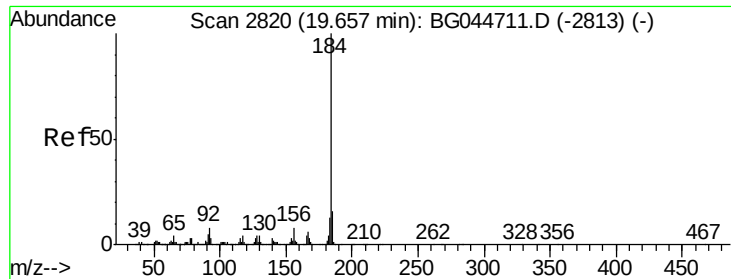
Abundance

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: 1.533 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

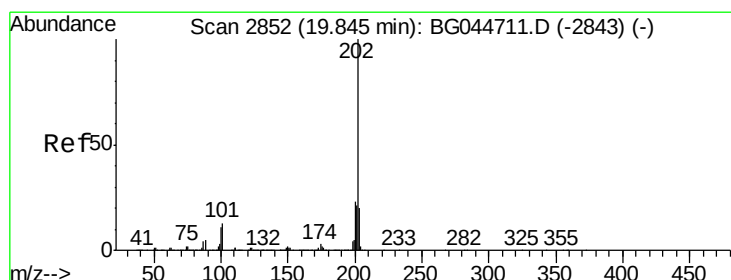
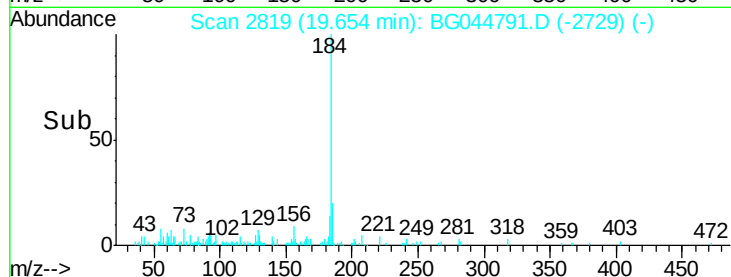
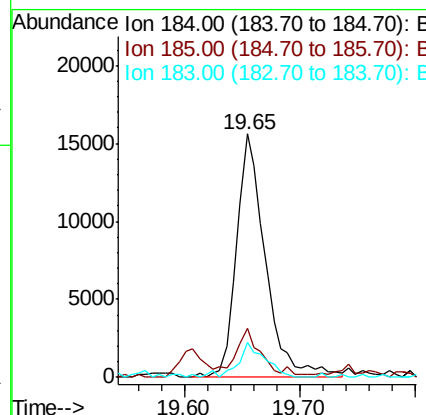
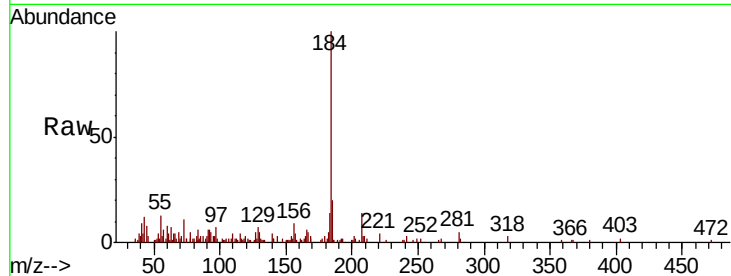
ClientSampleId :

MC5B39MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	20.1	12.9	19.3#
183	14.2	10.6	15.8

Manual Integrations
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mohammad
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#78

Pyrene

Concen: 44.450 ng

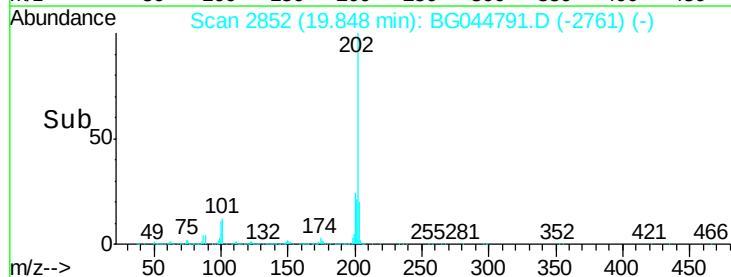
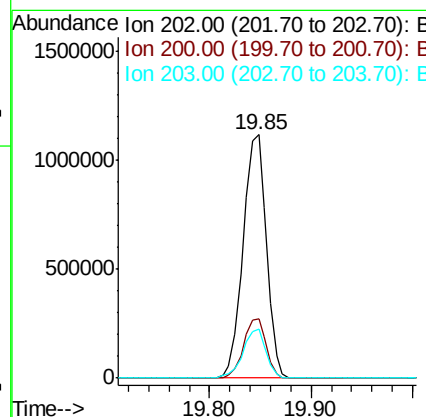
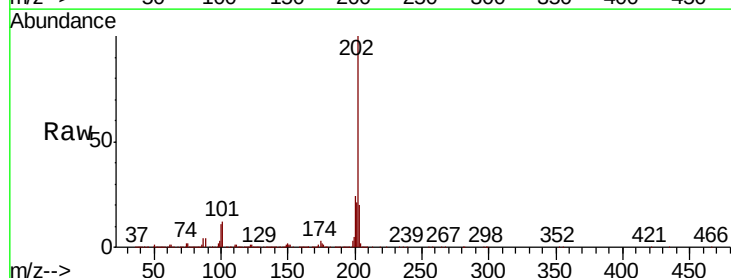
RT: 19.85 min Scan# 2852

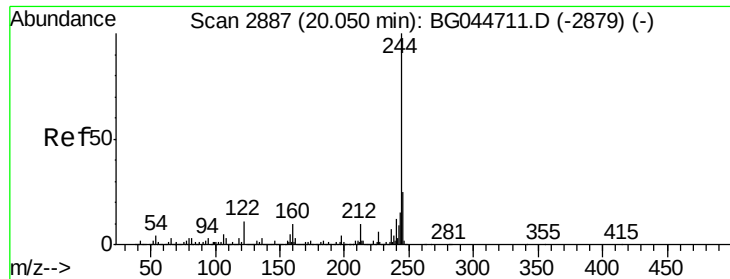
Delta R.T. 0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.4	18.7	28.1
203	19.9	16.0	24.0





#79

Terphenyl-d14

Concen: 79.479 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

Tot Ion:244 Resp: 2318975

Ion Ratio Lower Upper

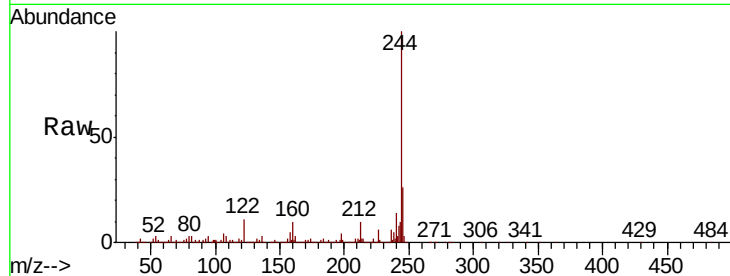
244 100

212 10.3 8.4 12.6

122 10.9 8.7 13.1

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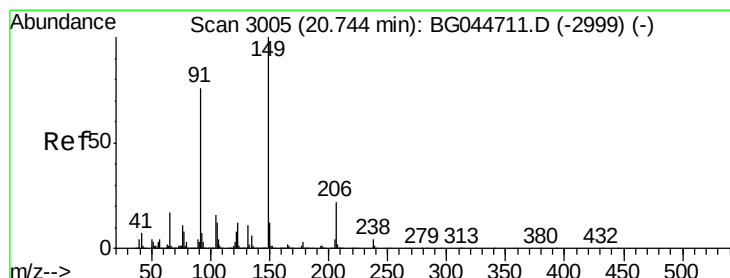
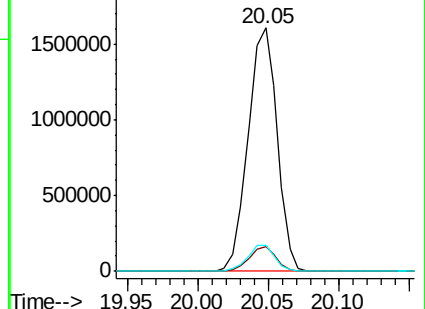
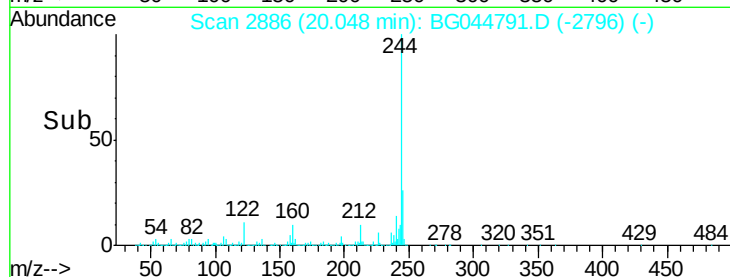
mohammad
3/18/2020 8:43:32 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.011 ng

RT: 20.74 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

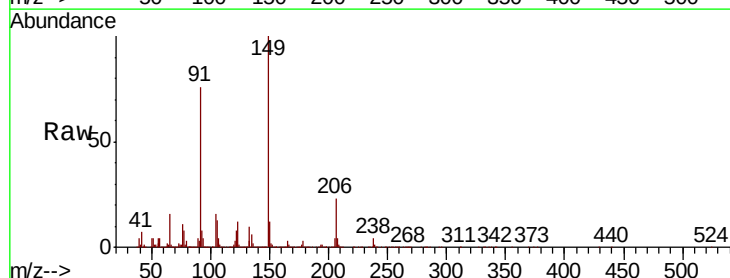
Tgt Ion:149 Resp: 783988

Ion Ratio Lower Upper

149 100

91 75.9 61.1 91.7

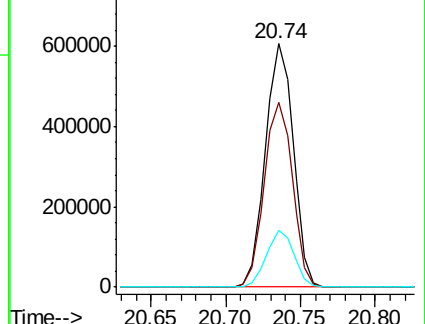
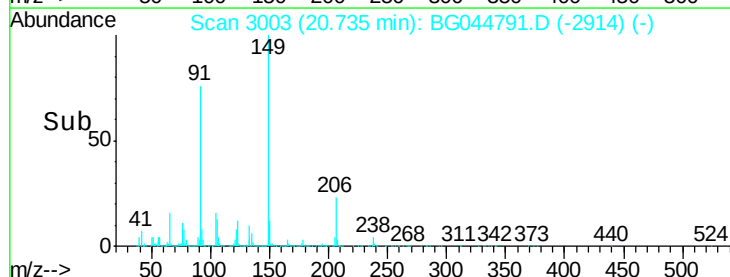
206 23.1 17.4 26.2

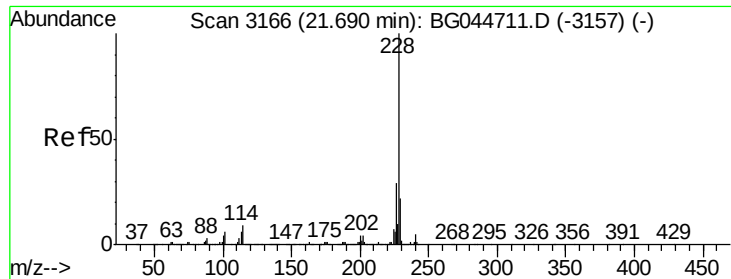


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.537 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

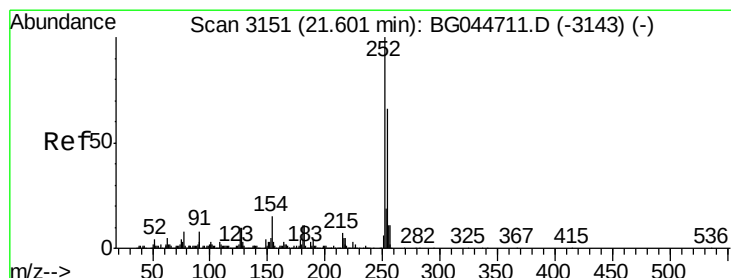
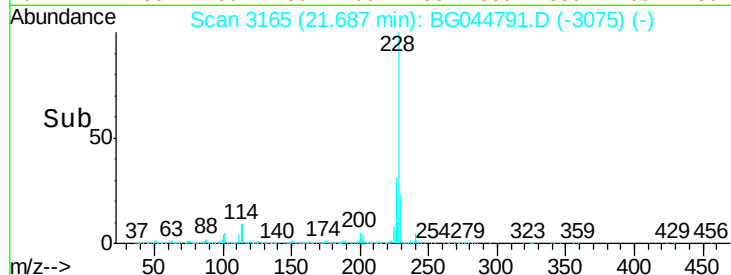
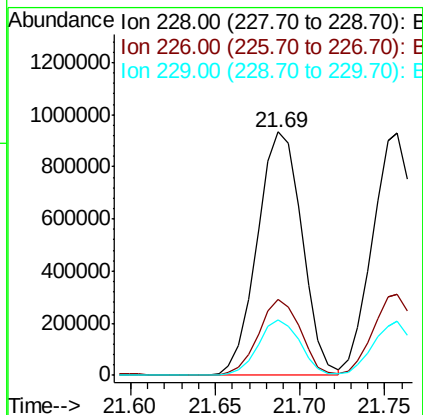
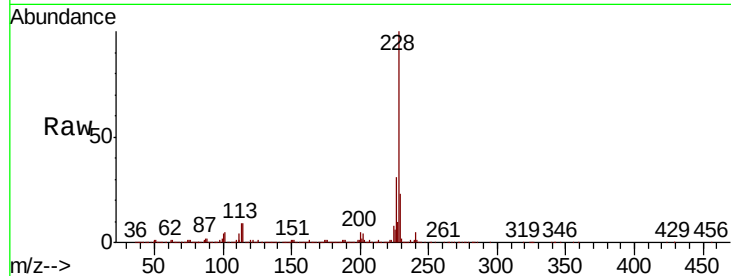
ClientSampleId :

MC5B39MS

Tot Ion:	228	Resp:	1710967
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.5	35.3
229	22.7	17.2	25.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.903 ng

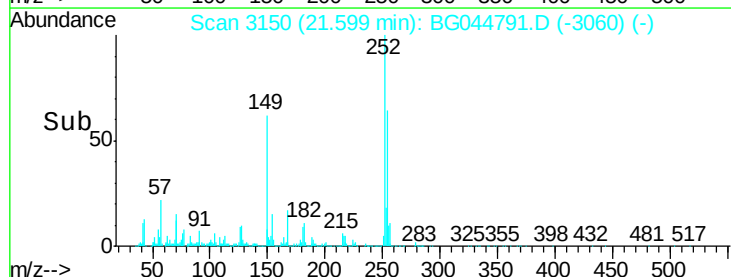
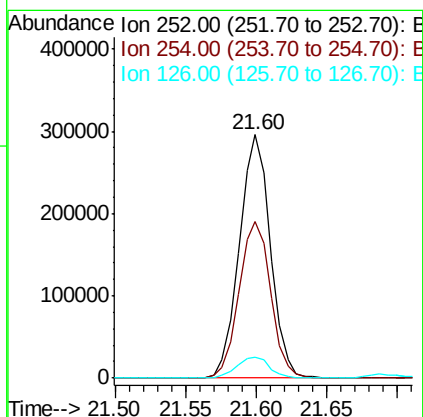
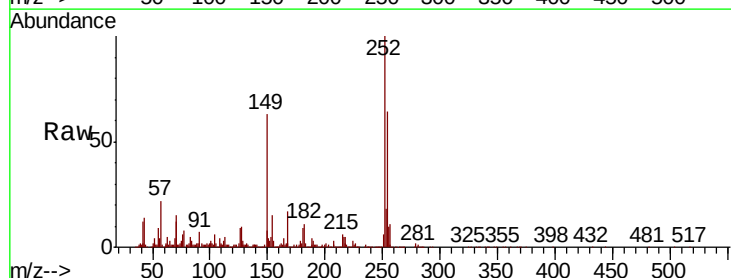
RT: 21.60 min Scan# 3150

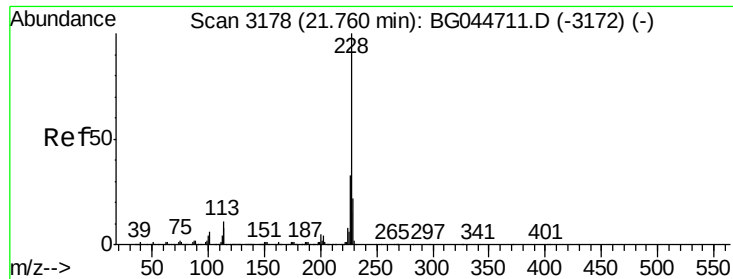
Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Tgt Ion:	252	Resp:	454641
Ion	Ratio	Lower	Upper
252	100		
254	64.3	53.0	79.4
126	8.8	8.2	12.4





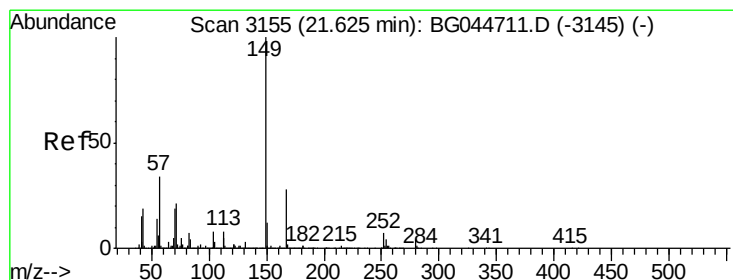
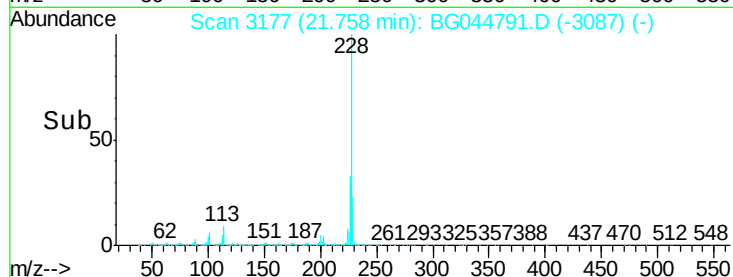
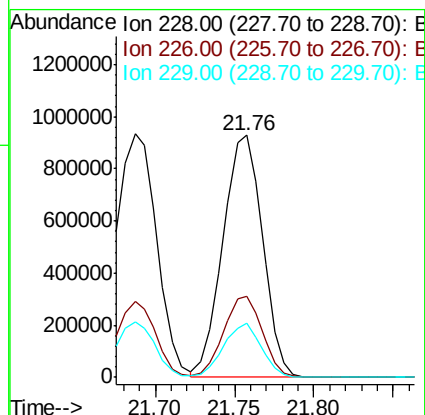
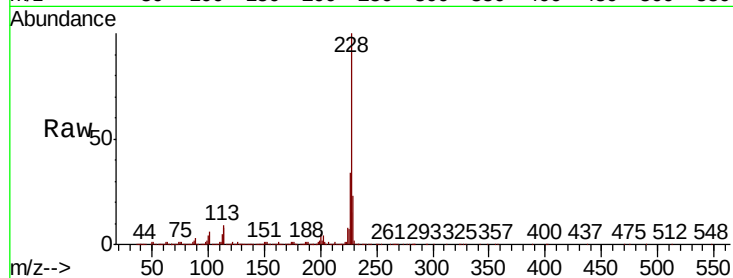
#83
Chrysene
Concen: 42.906 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.1	39.1
229	22.6	17.4	26.0

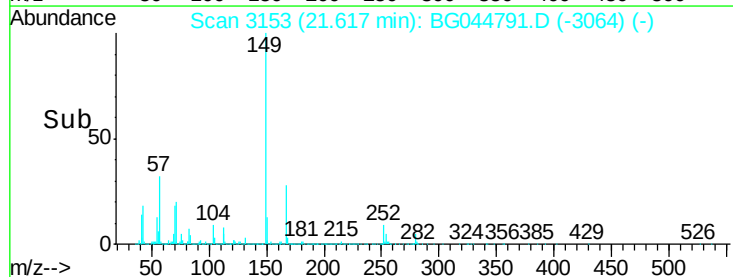
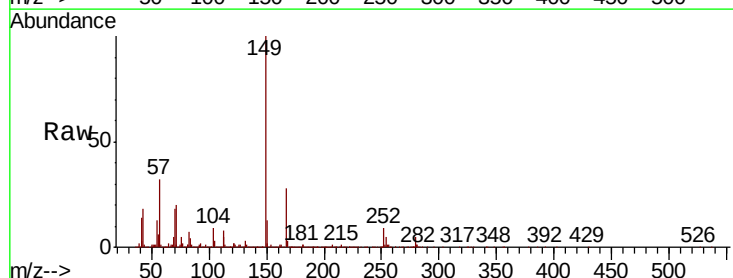
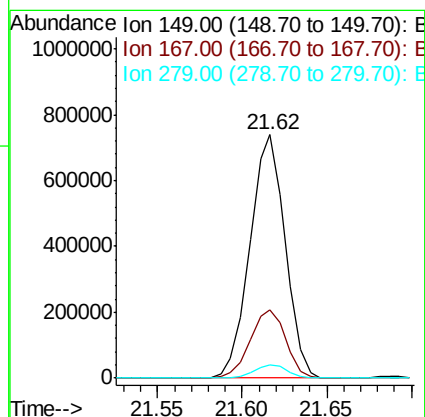
Manual Integrations
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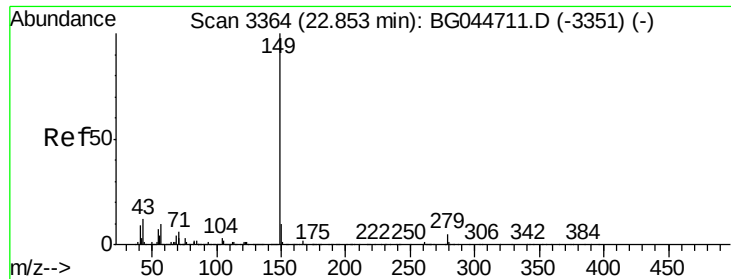
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.394 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	33.8
279	5.4	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 44.059 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

Instrument :

BNA_G

ClientSampleId :

MC5B39MS

Tot Ion:149 Resp: 1812614

Ion Ratio Lower Upper

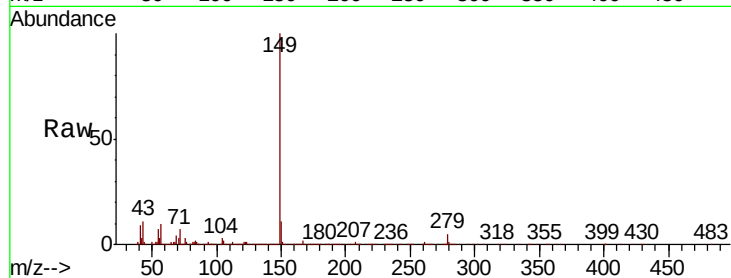
149 100

167 1.8 1.4 2.0

43 10.9 9.0 13.6

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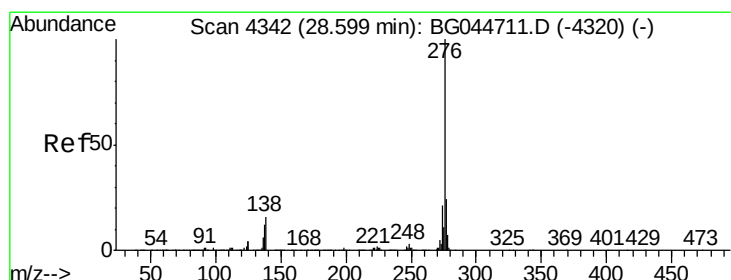
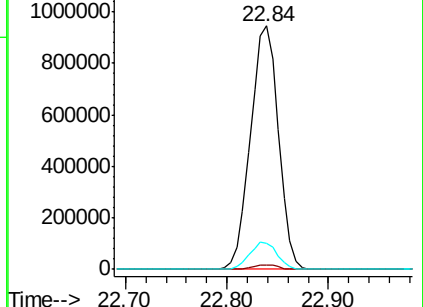
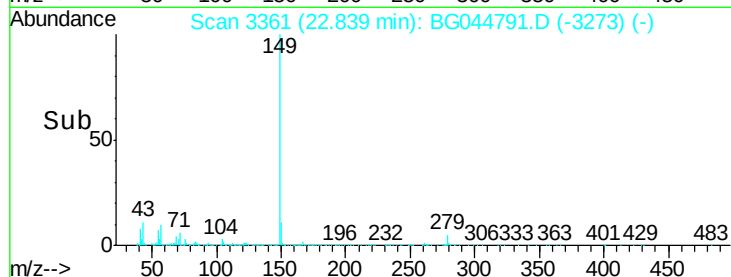
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.128 ng

RT: 28.60 min Scan# 4341

Delta R.T. -0.00 min

Lab File: BG044791.D

Acq: 14 Mar 2020 9:48

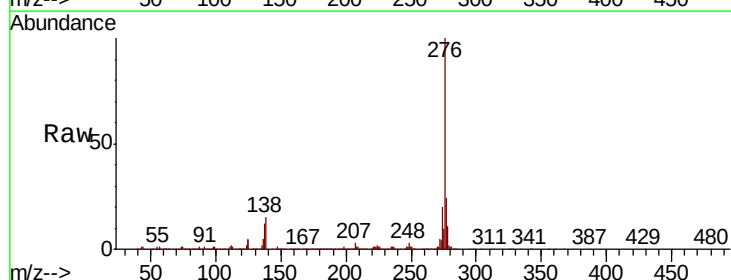
Tgt Ion:276 Resp: 1974904

Ion Ratio Lower Upper

276 100

138 10.7 10.9 16.3#

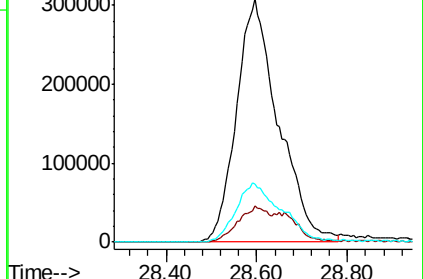
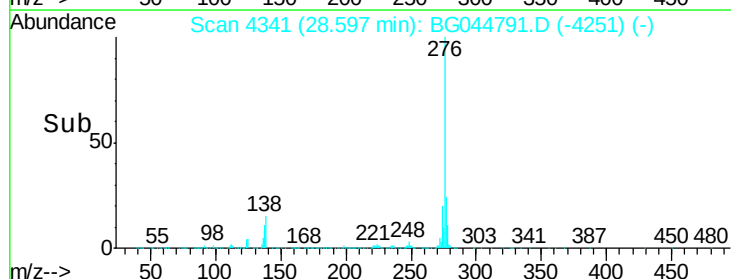
277 26.0 20.8 31.2

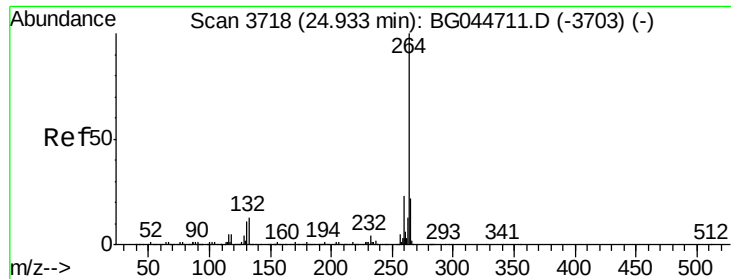


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





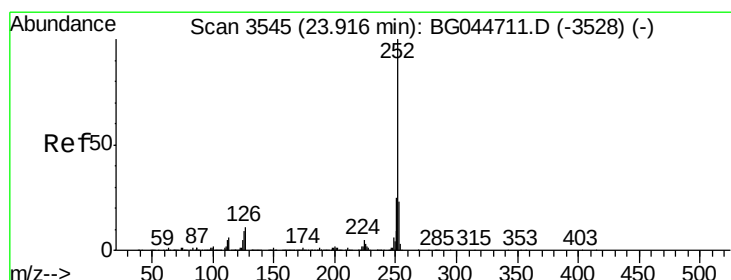
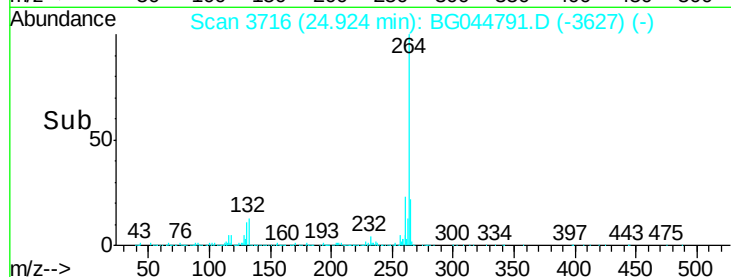
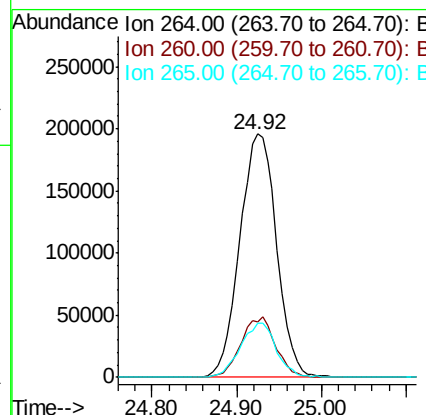
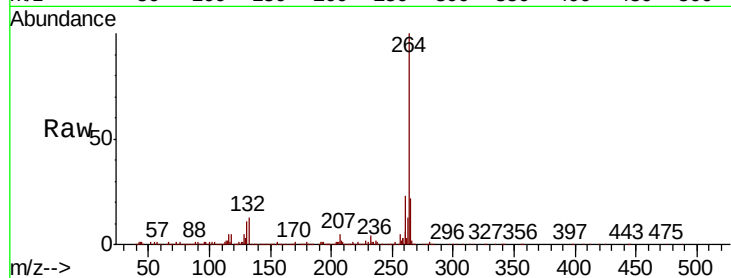
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	22.4	17.4	26.2

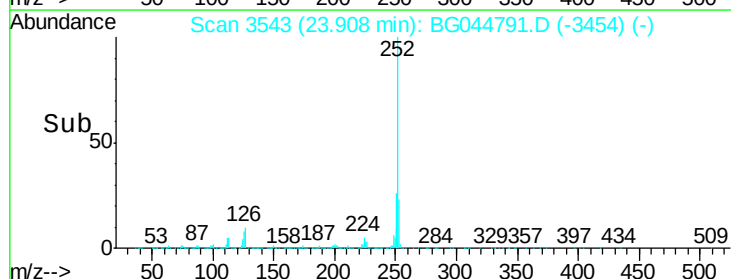
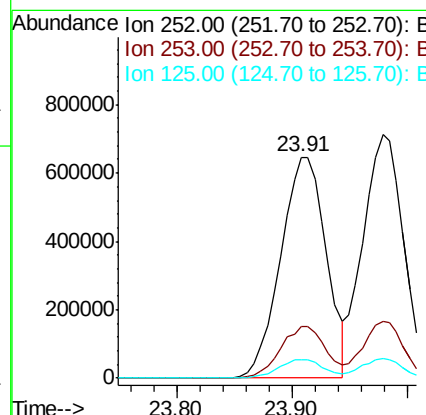
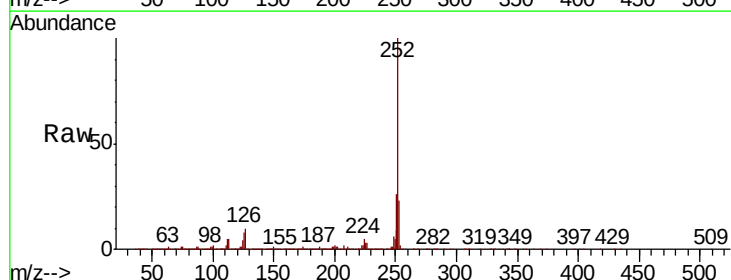
Manual Integrations
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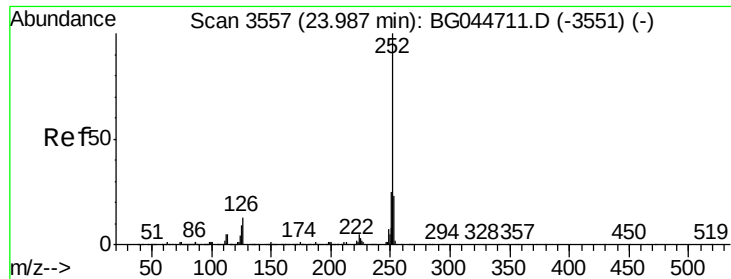
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.409 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	8.2	7.2	10.8





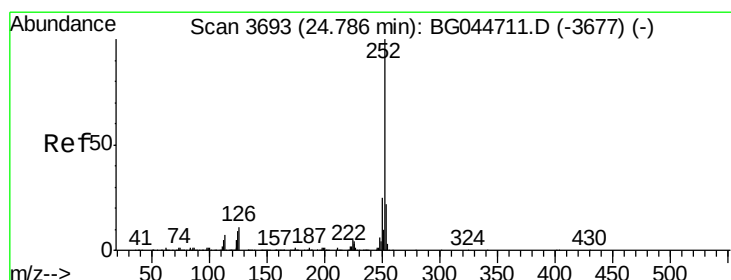
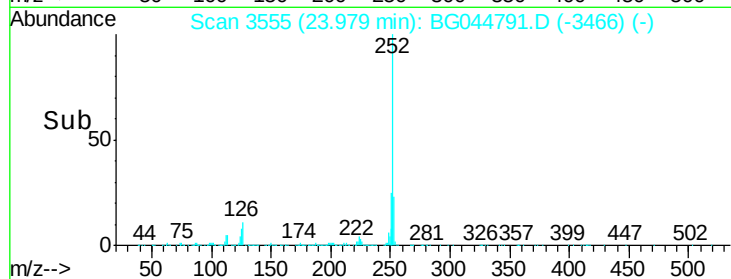
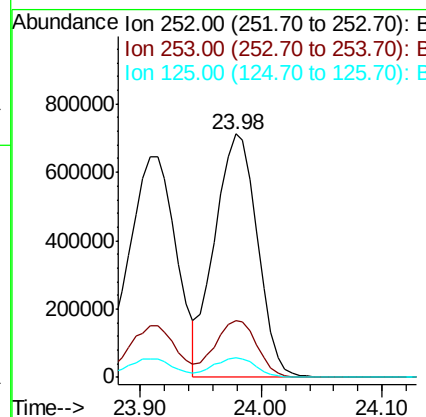
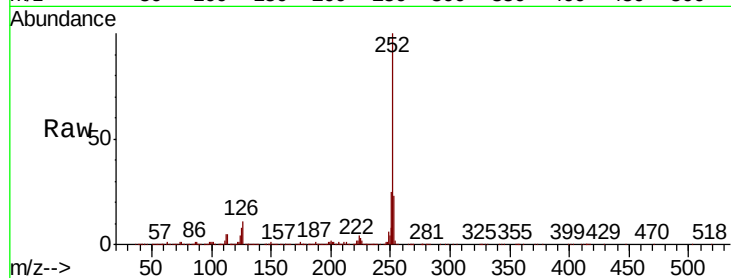
#89
Benzo(k)fluoranthene
Concen: 47.113 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	8.1	7.0	10.4

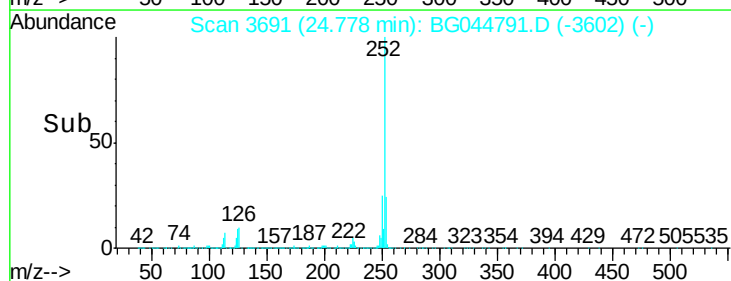
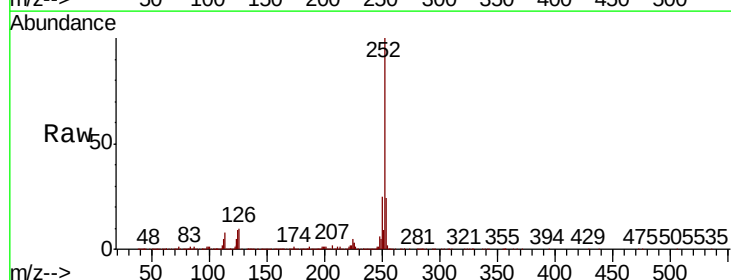
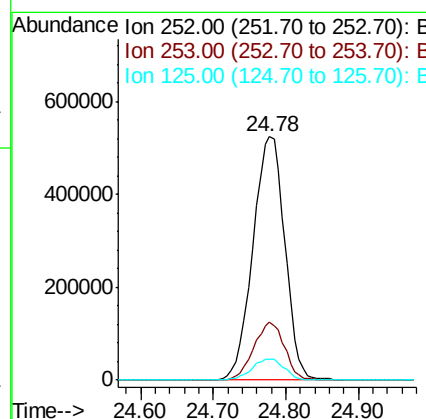
Manual Integrations
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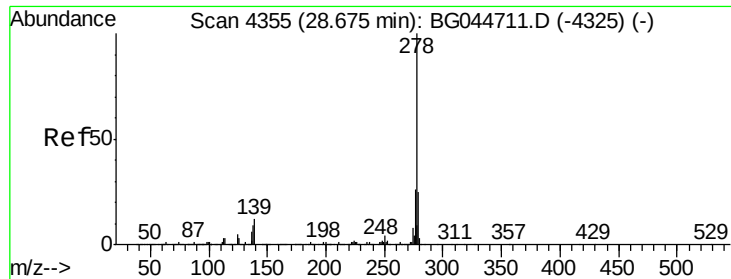
mohammad
3/18/2020 8:43:32 AM



#90
Benzo(a)pyrene
Concen: 44.000 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	8.7	7.0	10.6





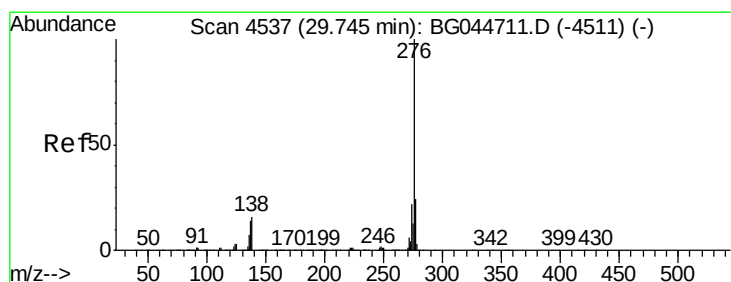
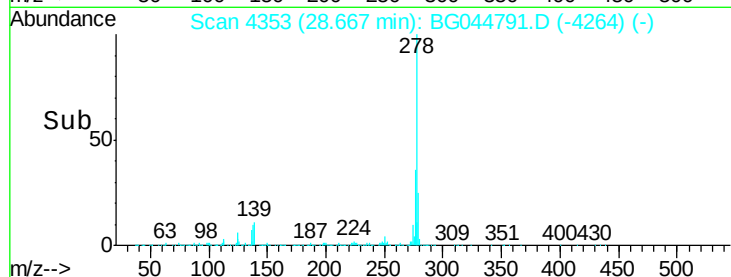
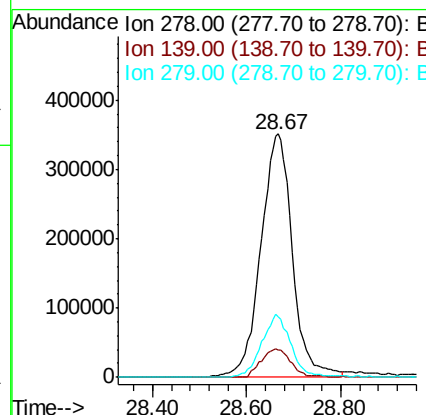
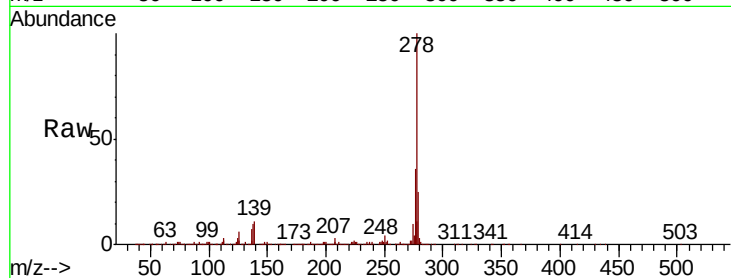
#91
Dibenzo(a,h)anthracene
Concen: 45.500 ng
RT: 28.67 min Scan# 4353
Delta R.T. -0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Instrument :
BNA_G
ClientSampleId :
MC5B39MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.9	14.9
279	25.1	20.2	30.4

Manual Integrations
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3/18/2020 8:43:32 AM



#92
Benzo(g,h,i)perylene
Concen: 43.309 ng
RT: 29.74 min Scan# 4535
Delta R.T. -0.01 min
Lab File: BG044791.D
Acq: 14 Mar 2020 9:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	13.8	13.0	19.4

