

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048506.D
 Acq On : 25 Mar 2021 17:45
 Operator : CG/JU
 Sample : M1682-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD

Manual Integrations
 APPROVED

mohammad
 3/26/2021 1:20:55 PM

Quant Time: Mar 25 18:36:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	51581	20.00	ng	0.00
21) Naphthalene-d8	10.925	136	202451	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	138685	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	303480	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	303662	20.00	ng	# 0.00
86) Perylene-d12	25.114	264	322495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	281130	90.13	ng	0.00
7) Phenol-d6	7.259	99	373561	82.31	ng	0.00
23) Nitrobenzene-d5	9.268	82	276401	54.59	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	183592	81.40	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	531738	55.16	ng	0.00
79) Terphenyl-d14	20.103	244	844369	50.15	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.516	88	43989	33.43	ng	# 94
3) Pyridine	3.922	79	125219	34.13	ng	# 85
4) n-Nitrosodimethylamine	3.833	42	84528	39.65	ng	# 68
6) Aniline	7.418	93	127548	23.76	ng	94
8) 2-Chlorophenol	7.664	128	146223	44.95	ng	92
9) Benzaldehyde	7.229	77	131385	56.96	ng	# 81
10) Phenol	7.282	94	209327	45.01	ng	74
11) bis(2-Chloroethyl)ether	7.511	93	136689	41.94	ng	97
12) 1,3-Dichlorobenzene	7.987	146	153630	39.70	ng	# 86
13) 1,4-Dichlorobenzene	8.134	146	157179m	40.92	ng	
14) 1,2-Dichlorobenzene	8.457	146	153969	41.78	ng	93
15) Benzyl Alcohol	8.340	79	165550	41.08	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.622	45	145606	39.08	ng	87
17) 2-Methylphenol	8.546	107	129386	43.87	ng	# 84
18) Hexachloroethane	9.198	117	60765	41.13	ng	96
19) n-Nitroso-di-n-propyla...	8.904	70	129003	38.29	ng	97
20) 3+4-Methylphenols	8.875	107	183034	45.31	ng	86
22) Acetophenone	8.922	105	230161	40.43	ng	# 92
24) Nitrobenzene	9.309	77	201173	37.09	ng	# 83
25) Isophorone	9.838	82	347306	35.83	ng	# 91
26) 2-Nitrophenol	10.026	139	80455	39.02	ng	# 56
27) 2,4-Dimethylphenol	10.079	122	146914	45.66	ng	89
28) bis(2-Chloroethoxy)met...	10.314	93	183238	41.71	ng	98
29) 2,4-Dichlorophenol	10.567	162	149007	39.91	ng	96
30) 1,2,4-Trichlorobenzene	10.784	180	166062	36.80	ng	95
31) Naphthalene	10.972	128	436670	38.90	ng	98
32) Benzoic acid	10.226	122	110159	44.00	ng	# 86
33) 4-Chloroaniline	11.078	127	60763	12.66	ng	# 91
34) Hexachlorobutadiene	11.254	225	121624	34.00	ng	96
35) Caprolactam	11.848	113	52027m	39.03	ng	
36) 4-Chloro-3-methylphenol	12.200	107	169021	39.00	ng	89
37) 2-Methylnaphthalene	12.576	142	334627	39.06	ng	# 94
38) 1-Methylnaphthalene	12.794	142	305779m	37.95	ng	
40) 1,2,4,5-Tetrachloroben...	12.940	216	192431	38.00	ng	# 94
41) Hexachlorocyclopentadiene	12.917	237	236927	72.36	ng	99
43) 2,4,6-Trichlorophenol	13.175	196	134457	39.17	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
 Data File : BG048506.D
 Acq On : 25 Mar 2021 17:45
 Operator : CG/JU
 Sample : M1682-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD

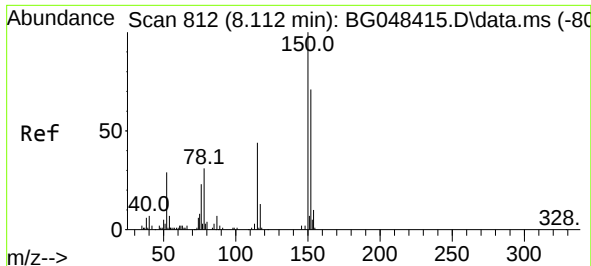
Manual Integrations
 APPROVED

mohammad
 3/26/2021 1:20:55 PM

Quant Time: Mar 25 18:36:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 02:47:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.252	196	144395	38.22	ng	#	89
46) 1,1'-Biphenyl	13.575	154	428866	43.09	ng		99
47) 2-Chloronaphthalene	13.622	162	331910	41.36	ng		94
48) 2-Nitroaniline	13.822	65	126872	42.71	ng	#	76
49) Acenaphthylene	14.468	152	543565	41.83	ng		98
50) Dimethylphthalate	14.192	163	440046	38.99	ng		98
51) 2,6-Dinitrotoluene	14.309	165	95768	39.43	ng	#	62
52) Acenaphthene	14.809	154	337837	38.68	ng		99
53) 3-Nitroaniline	14.638	138	47420	20.39	ng	#	86
54) 2,4-Dinitrophenol	14.844	184	119158	80.37	ng	#	48
55) Dibenzofuran	15.144	168	510590	39.25	ng		93
56) 4-Nitrophenol	14.950	139	165731	79.63	ng	#	42
57) 2,4-Dinitrotoluene	15.097	165	134279	38.93	ng	#	62
58) Fluorene	15.790	166	407838	37.36	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.367	232	134048	35.96	ng	#	88
60) Diethylphthalate	15.555	149	446585	40.48	ng		96
61) 4-Chlorophenyl-phenyle...	15.778	204	232215	36.97	ng		91
62) 4-Nitroaniline	15.808	138	87404	34.31	ng	#	52
63) Azobenzene	16.072	77	450984	37.56	ng		86
65) 4,6-Dinitro-2-methylph...	15.861	198	76871	40.22	ng		78
66) n-Nitrosodiphenylamine	15.996	169	375878	42.75	ng		99
67) 4-Bromophenyl-phenylether	16.677	248	150069	39.26	ng	#	91
68) Hexachlorobenzene	16.795	284	168204	41.07	ng	#	95
69) Atrazine	16.942	200	156020	44.12	ng		98
70) Pentachlorophenol	17.141	266	223068	81.93	ng		94
71) Phenanthrene	17.535	178	704873	43.97	ng		97
72) Anthracene	17.629	178	691565	43.48	ng		99
73) Carbazole	17.893	167	628961	41.47	ng		97
74) Di-n-butylphthalate	18.446	149	740854	44.13	ng	#	97
75) Fluoranthene	19.544	202	886730	41.54	ng		96
77) Benzidine	19.721	184	302064	33.21	ng		96
78) Pyrene	19.909	202	883890	42.38	ng		97
80) Butylbenzylphthalate	20.784	149	340995	46.00	ng	#	85
81) Benzo(a)anthracene	21.765	228	881227	41.84	ng		99
82) 3,3'-Dichlorobenzidine	21.677	252	195553	25.73	ng		96
83) Chrysene	21.836	228	834950	41.35	ng		98
84) Bis(2-ethylhexyl)phtha...	21.666	149	500533	48.87	ng		94
85) Di-n-octyl phthalate	22.917	149	850053	49.57	ng		96
87) Indeno(1,2,3-cd)pyrene	28.933	276	1052164	42.78	ng	#	84
88) Benzo(b)fluoranthene	24.057	252	939594	41.35	ng	#	97
89) Benzo(k)fluoranthene	24.127	252	844130	39.37	ng	#	95
90) Benzo(a)pyrene	24.962	252	815436m	39.35	ng		
91) Dibenzo(a,h)anthracene	29.010	278	852503	40.63	ng	#	96
92) Benzo(g,h,i)perylene	30.138	276	857794	42.14	ng	#	93

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



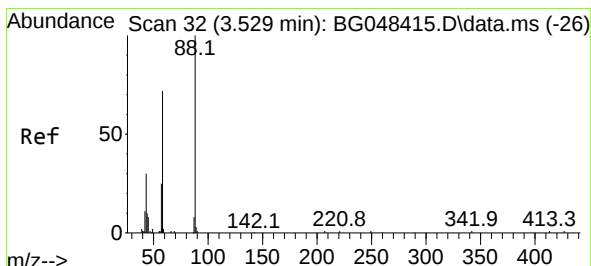
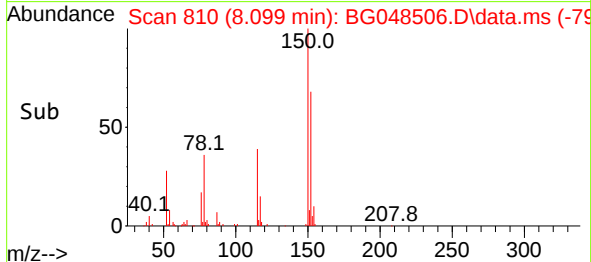
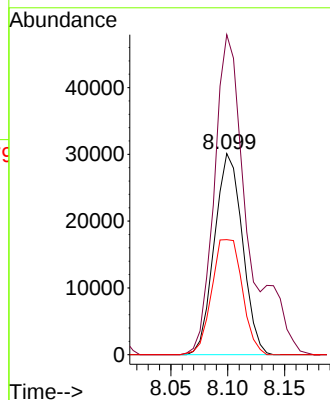
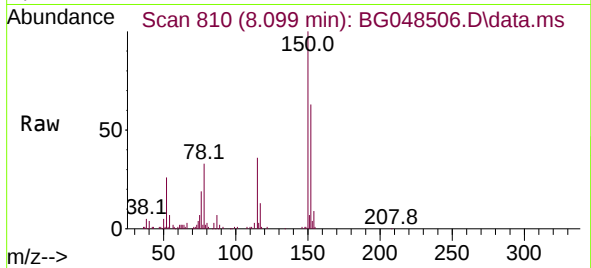
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:152 Resp: 51581
Ion Ratio Lower Upper
152 100
150 159.1 125.0 187.6
115 57.2 41.8 62.6

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

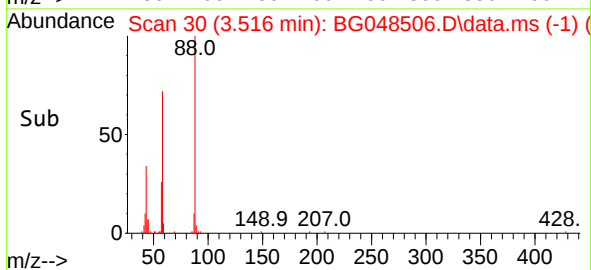
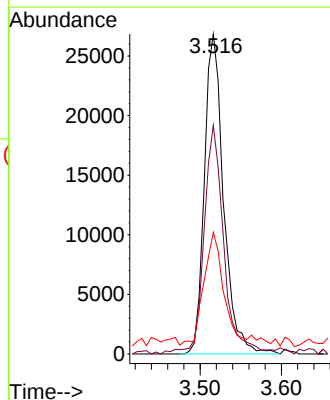
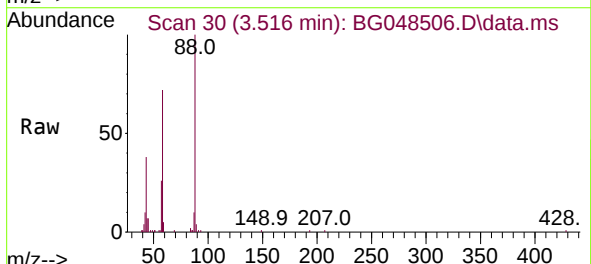
Manual Integrations
APPROVED

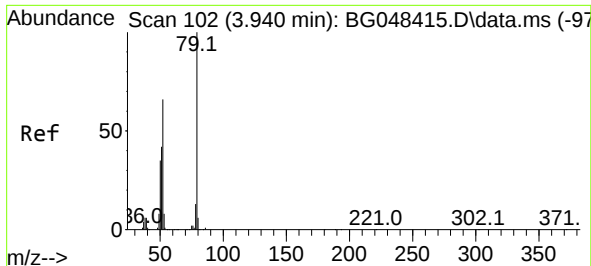
mohammad
3/26/2021 1:20:55 PM



#2
1,4-Dioxane
Concen: 33.43 ng
RT: 3.516 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 88 Resp: 43989
Ion Ratio Lower Upper
88 100
58 73.3 61.6 92.4
43 33.0 21.3 31.9#





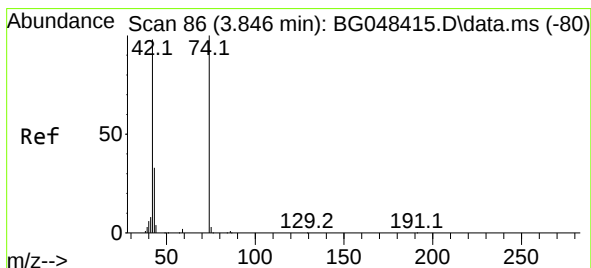
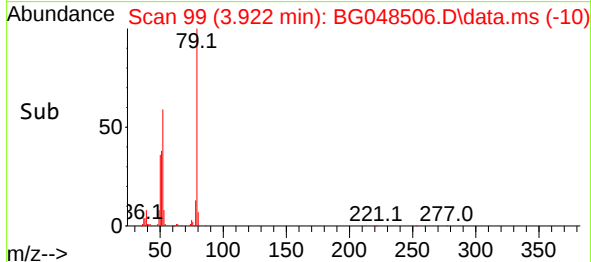
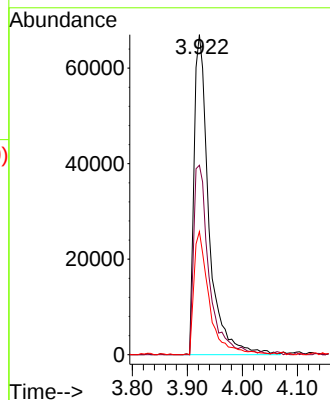
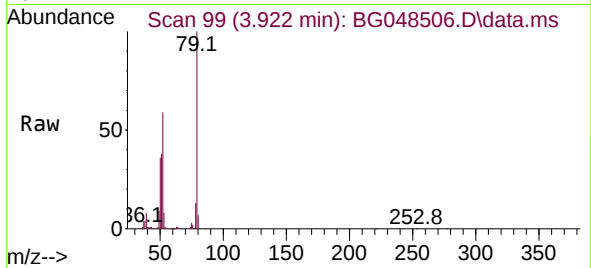
#3
Pyridine
Concen: 34.13 ng
RT: 3.922 min Scan# 99
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 79 Resp: 125219
Ion Ratio Lower Upper
79 100
52 59.2 61.3 91.9#
51 38.5 28.4 42.6

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

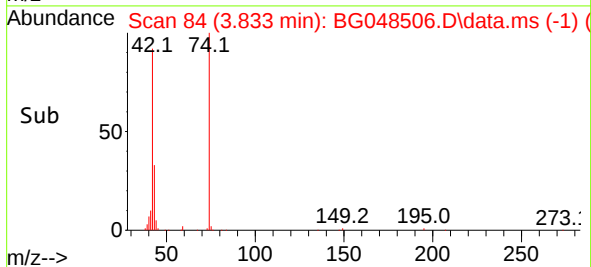
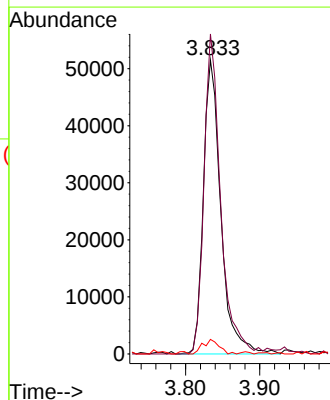
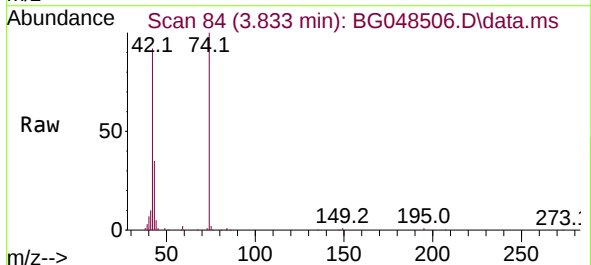
Manual Integrations
APPROVED

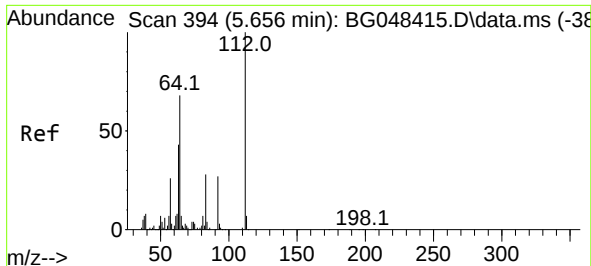
mohammad
3/26/2021 1:20:55 PM



#4
n-Nitrosodimethylamine
Concen: 39.65 ng
RT: 3.833 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 42 Resp: 84528
Ion Ratio Lower Upper
42 100
74 108.9 120.4 180.6#
44 5.0 6.2 9.2#





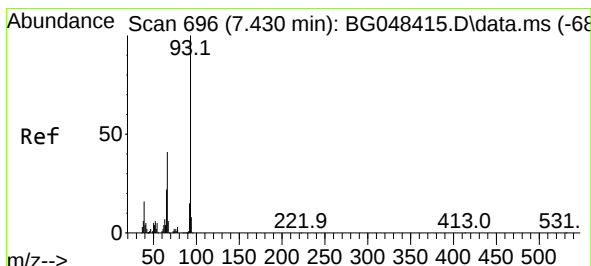
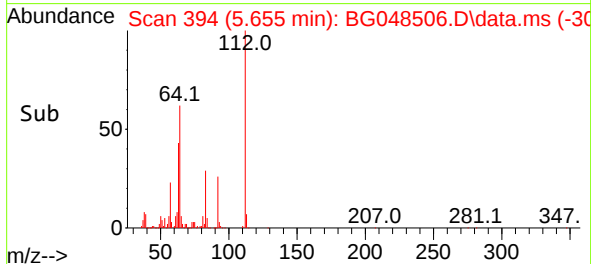
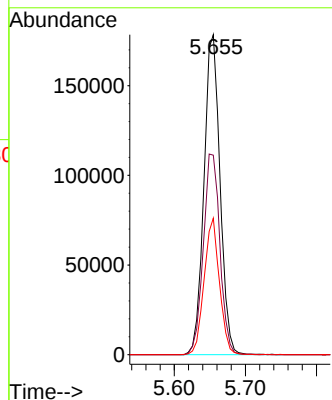
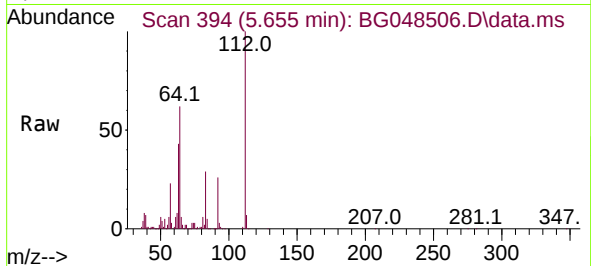
#5
2-Fluorophenol
Concen: 90.13 ng
RT: 5.655 min Scan# 394
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 112 Resp: 281130
Ion Ratio Lower Upper
112 100
64 62.4 46.7 70.1
63 42.7 22.8 34.2#

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

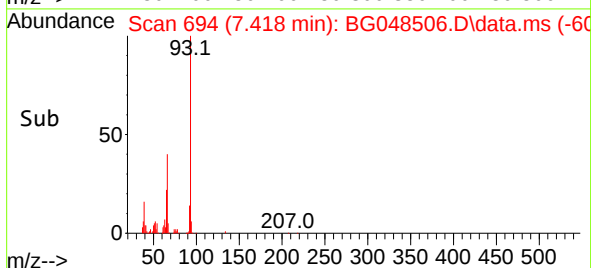
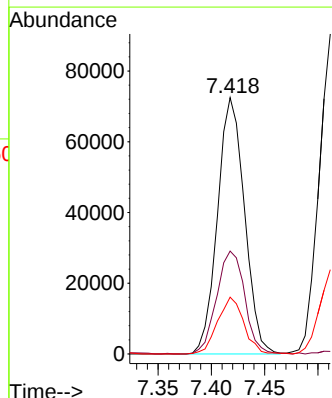
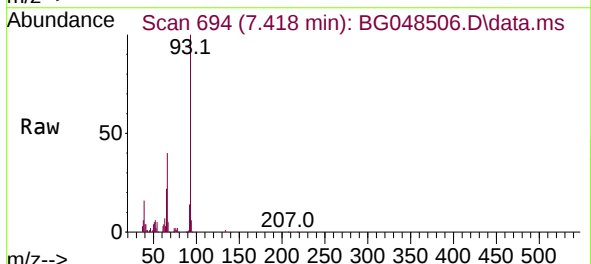
Manual Integrations
APPROVED

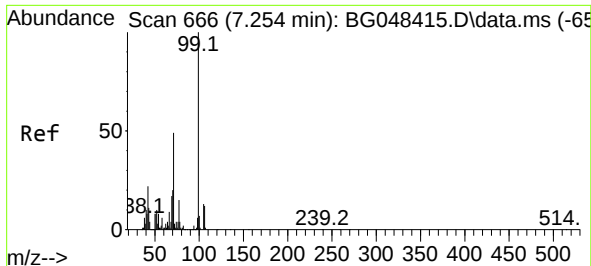
mohammad
3/26/2021 1:20:55 PM



#6
Aniline
Concen: 23.76 ng
RT: 7.418 min Scan# 694
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 93 Resp: 127548
Ion Ratio Lower Upper
93 100
66 40.2 29.5 44.3
65 22.1 15.5 23.3





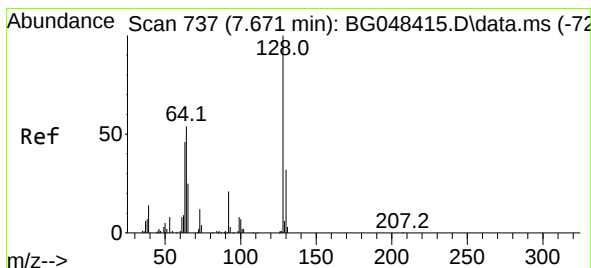
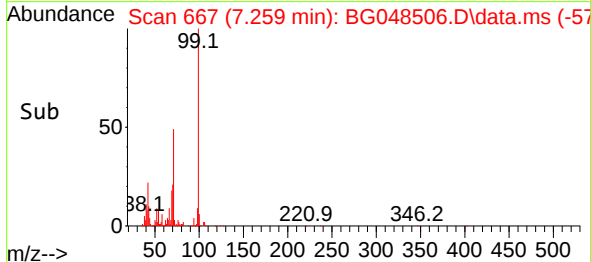
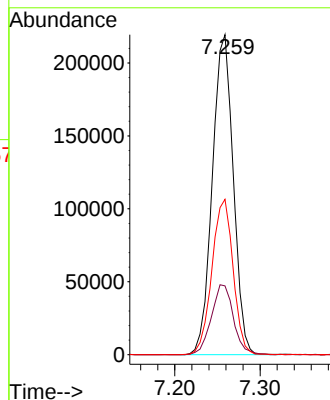
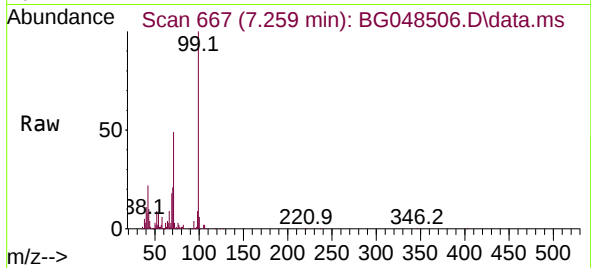
#7
Phenol-d6
Concen: 82.31 ng
RT: 7.259 min Scan# 667
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 99 Resp: 373561
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 48.6 24.6 36.8#

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

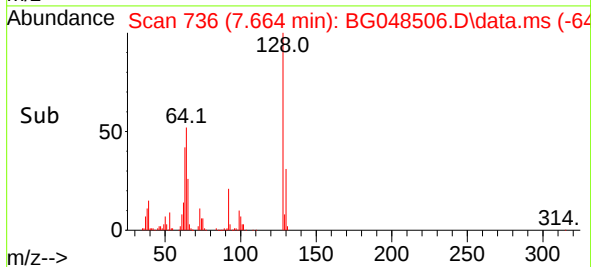
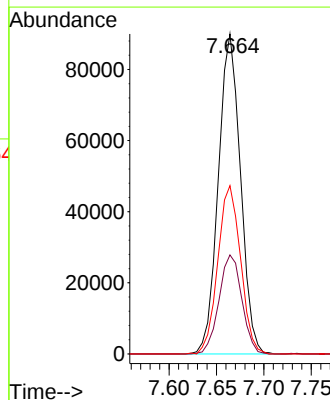
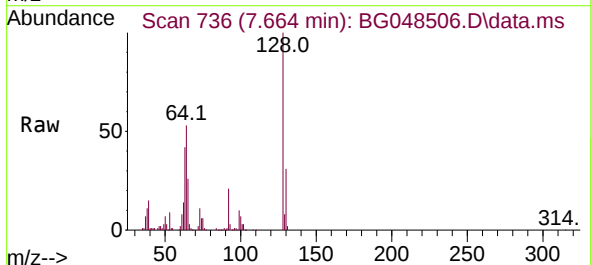
Manual Integrations
APPROVED

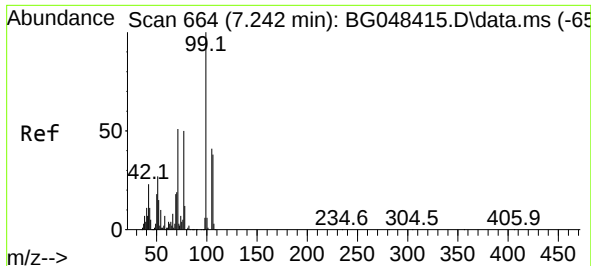
mohammad
3/26/2021 1:20:55 PM



#8
2-Chlorophenol
Concen: 44.95 ng
RT: 7.664 min Scan# 736
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:128 Resp: 146223
Ion Ratio Lower Upper
128 100
130 31.0 12.6 52.6
64 52.6 24.8 64.8





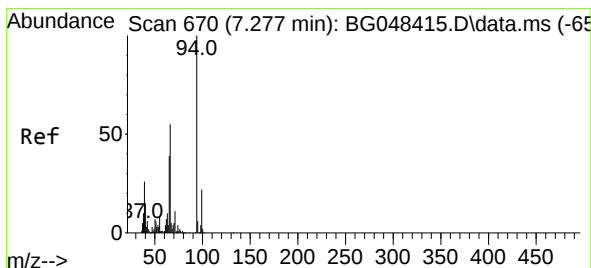
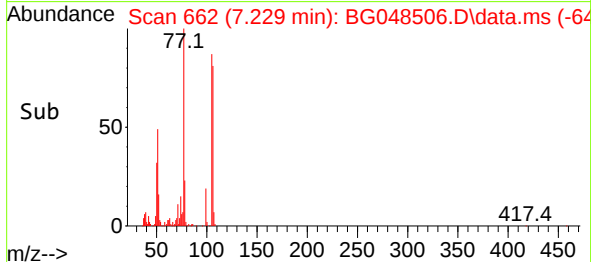
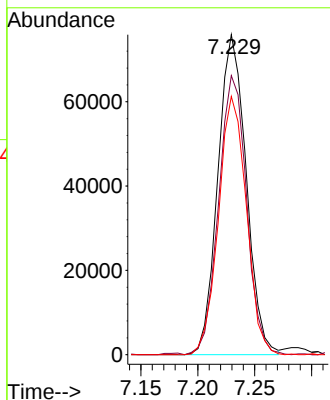
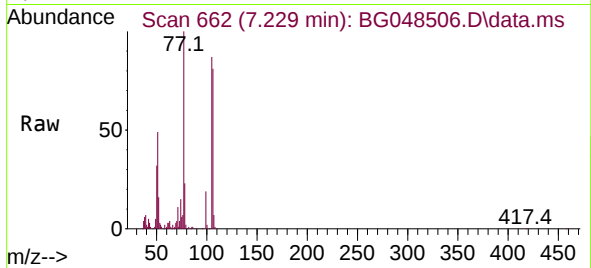
#9
Benzaldehyde
Concen: 56.96 ng
RT: 7.229 min Scan# 662
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 77 Resp: 131385
Ion Ratio Lower Upper
77 100
105 87.2 85.9 125.9
106 80.7 80.9 120.9#

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

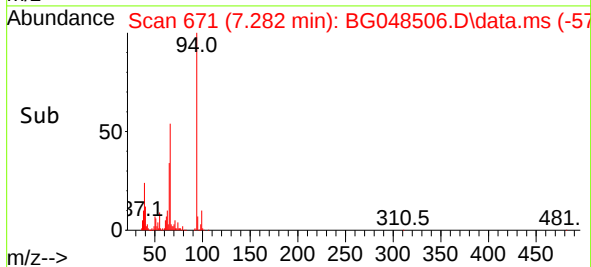
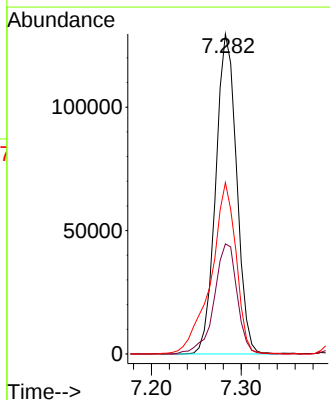
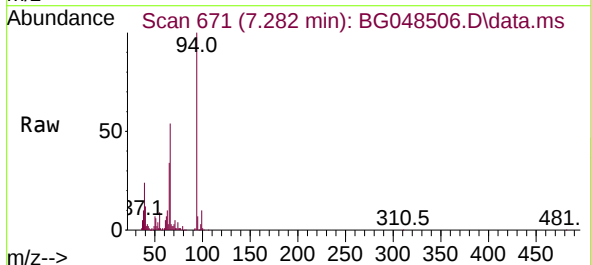
Manual Integrations
APPROVED

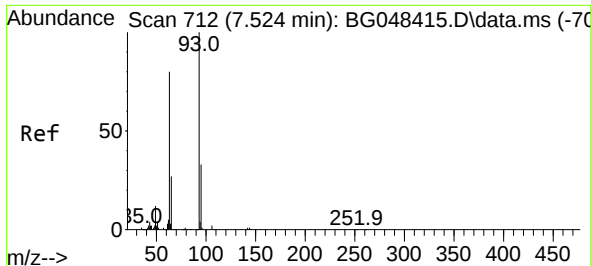
mohammad
3/26/2021 1:20:55 PM



#10
Phenol
Concen: 45.01 ng
RT: 7.282 min Scan# 671
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 94 Resp: 209327
Ion Ratio Lower Upper
94 100
65 34.4 6.6 46.6
66 53.5 13.9 53.9





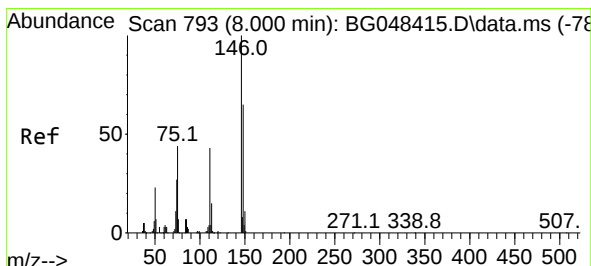
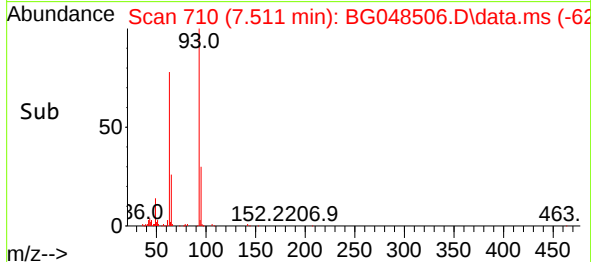
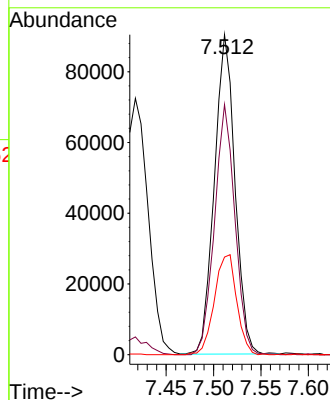
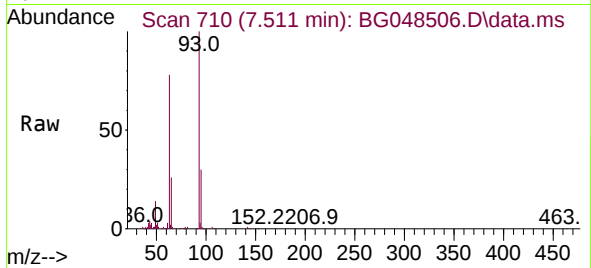
#11
bis(2-Chloroethyl)ether
Concen: 41.94 ng
RT: 7.511 min Scan# 710
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 93 Resp: 136689
Ion Ratio Lower Upper
93 100
63 78.2 56.4 96.4
95 30.5 13.8 53.8

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

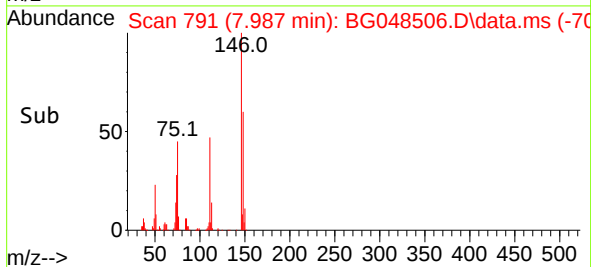
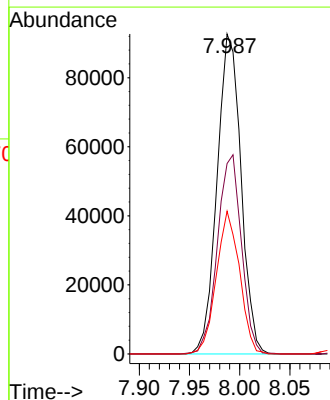
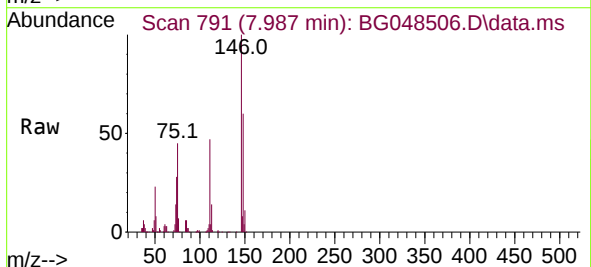
Manual Integrations
APPROVED

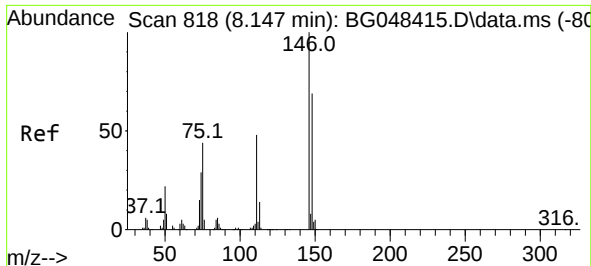
mohammad
3/26/2021 1:20:55 PM



#12
1,3-Dichlorobenzene
Concen: 39.70 ng
RT: 7.987 min Scan# 791
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 146 Resp: 153630
Ion Ratio Lower Upper
146 100
148 59.5 50.1 75.1
75 44.6 20.1 30.1#





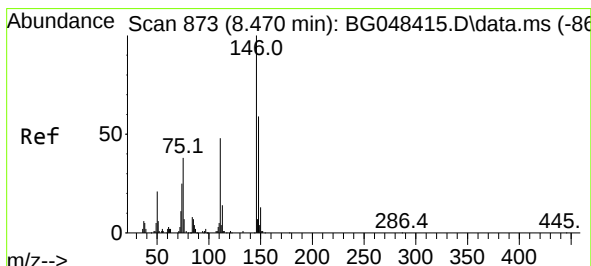
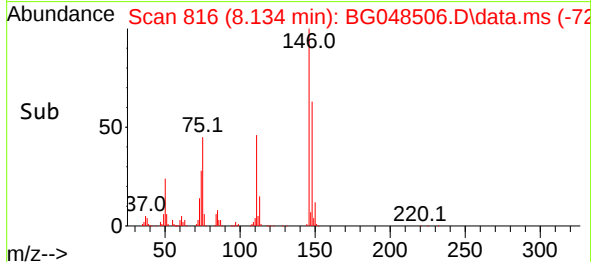
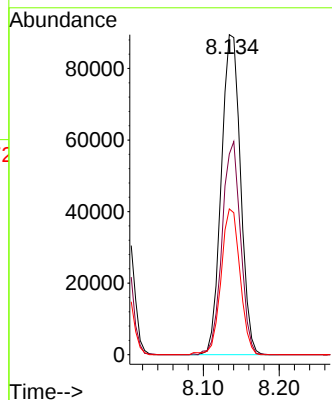
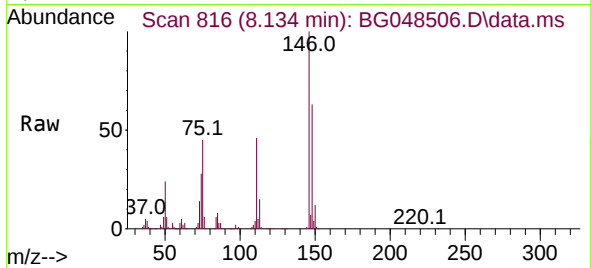
#13
1,4-Dichlorobenzene
Concen: 40.92 ng m
RT: 8.134 min Scan# 816
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:146 Resp: 157179
Ion Ratio Lower Upper
146 100
148 62.7 51.1 76.7
111 45.5 29.7 44.5#

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

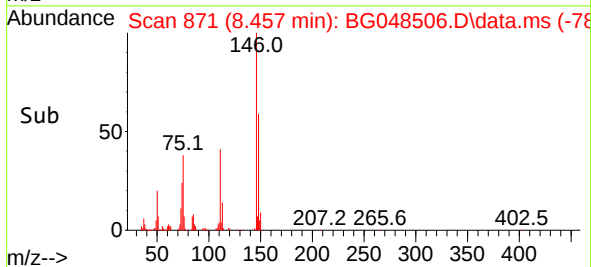
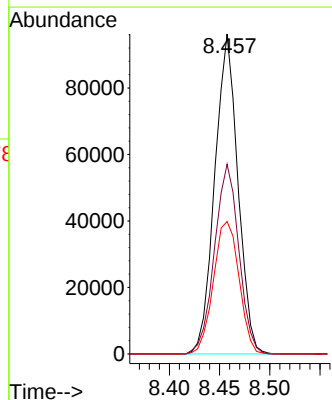
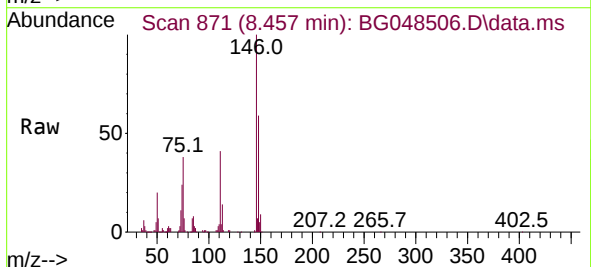
Manual Integrations
APPROVED

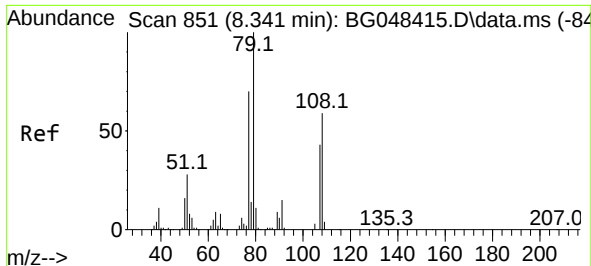
mohammad
3/26/2021 1:20:55 PM



#14
1,2-Dichlorobenzene
Concen: 41.78 ng
RT: 8.457 min Scan# 871
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

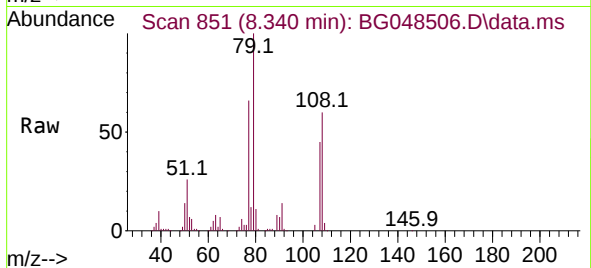
Tgt Ion:146 Resp: 153969
Ion Ratio Lower Upper
146 100
148 59.3 53.0 79.6
111 41.4 30.7 46.1





#15
Benzyl Alcohol
Concen: 41.08 ng
RT: 8.340 min Scan# 851
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

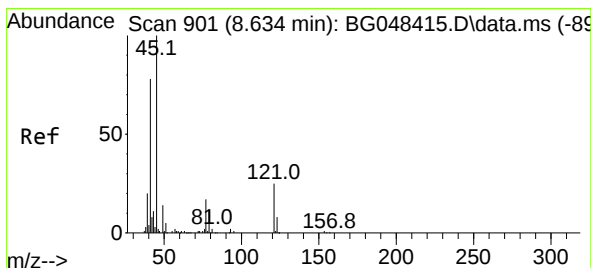
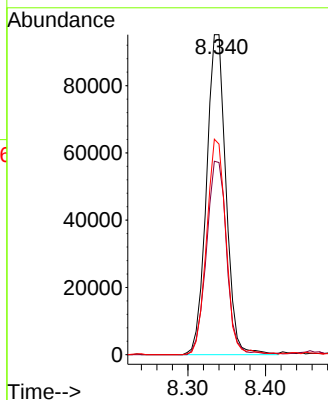
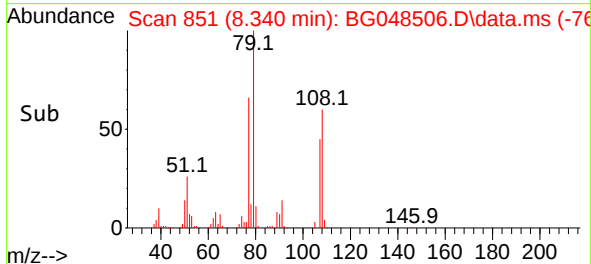
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



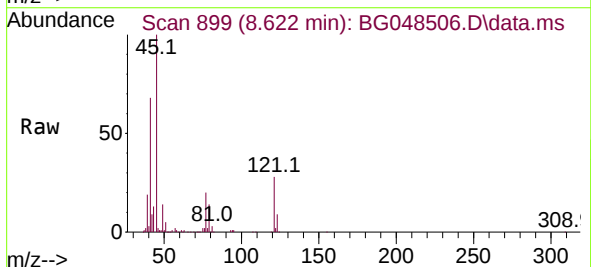
Tgt Ion: 79 Resp: 165550
Ion Ratio Lower Upper
79 100
108 60.1 65.5 98.3#
77 65.8 50.1 75.1

Manual Integrations
APPROVED

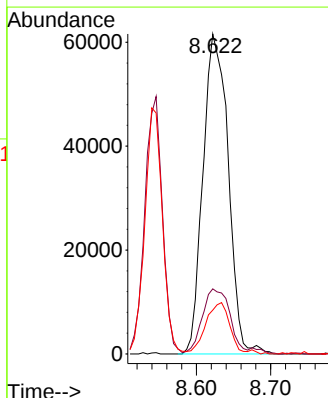
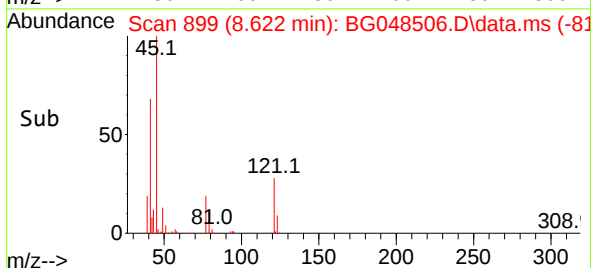
mohammad
3/26/2021 1:20:55 PM

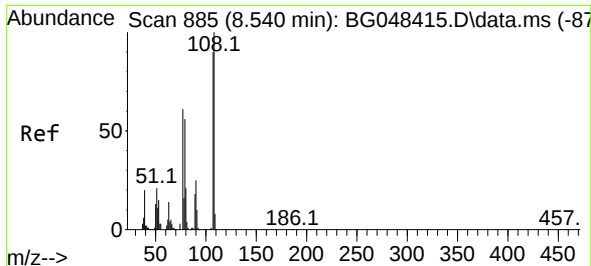


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.08 ng
RT: 8.622 min Scan# 899
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



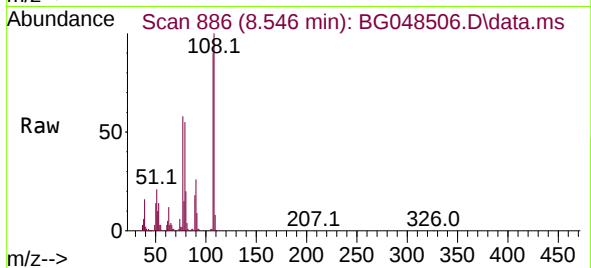
Tgt Ion: 45 Resp: 145606
Ion Ratio Lower Upper
45 100
77 20.4 0.0 33.4
79 13.7 0.0 30.8





#17
2-Methylphenol
Concen: 43.87 ng
RT: 8.546 min Scan# 886
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

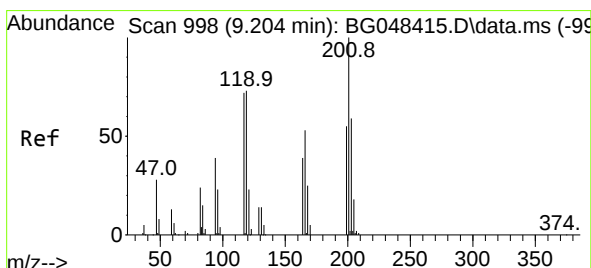
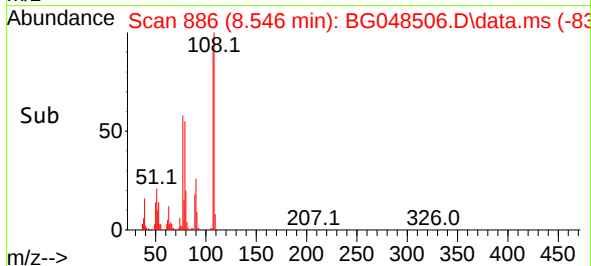
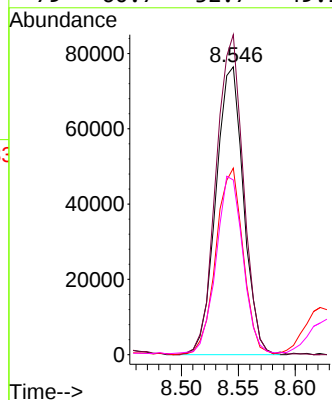
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



Tgt Ion:107 Resp: 129386
Ion Ratio Lower Upper
107 100
108 111.2 87.2 130.8
77 64.8 33.8 50.8#
79 60.7 32.7 49.1#

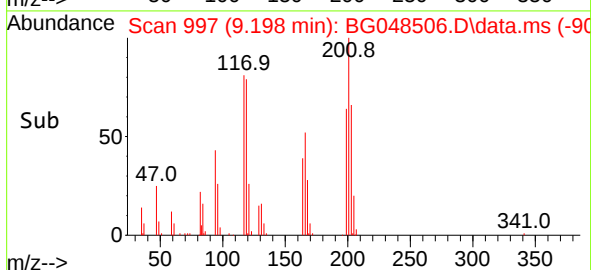
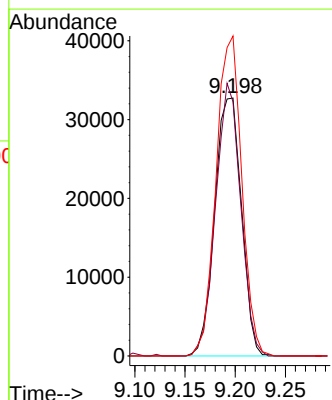
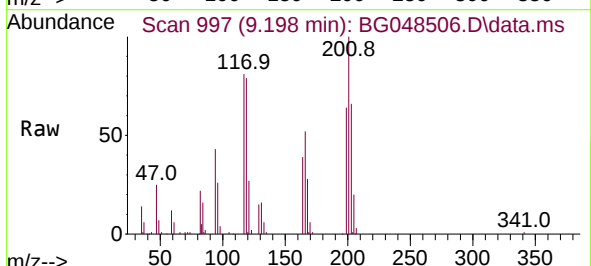
Manual Integrations
APPROVED

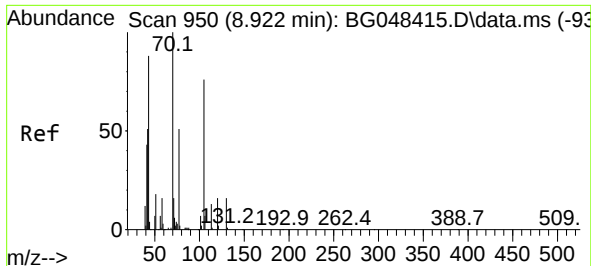
mohammad
3/26/2021 1:20:55 PM



#18
Hexachloroethane
Concen: 41.13 ng
RT: 9.198 min Scan# 997
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:117 Resp: 60765
Ion Ratio Lower Upper
117 100
119 98.5 77.5 116.3
201 124.1 104.9 157.3





#19

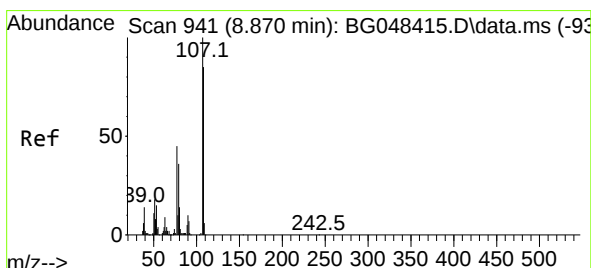
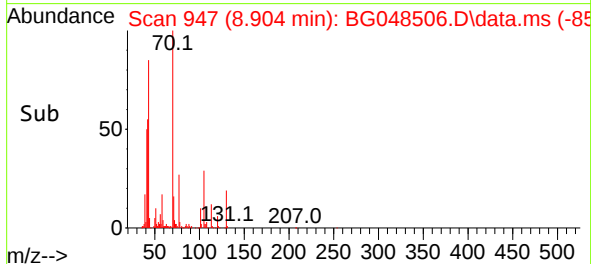
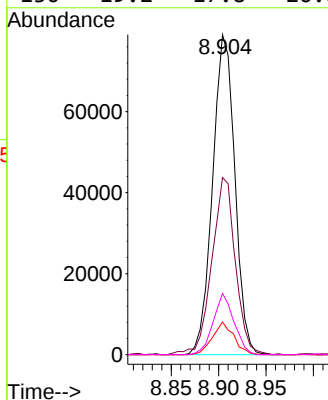
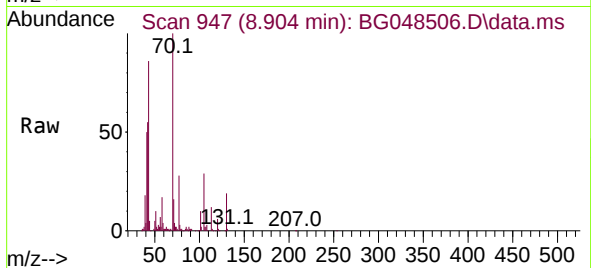
n-Nitroso-di-n-propylamine
Concen: 38.29 ng
RT: 8.904 min Scan# 947
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	70	Resp:	129003
Ion Ratio	Lower	Upper	
70	100		
42	55.4	45.6	68.4
101	10.2	8.4	12.6
130	19.2	17.8	26.8

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
APPROVED

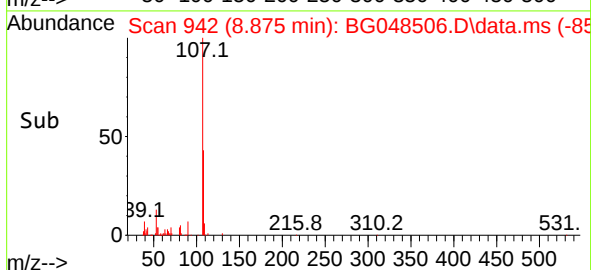
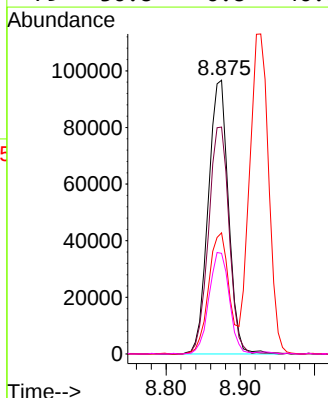
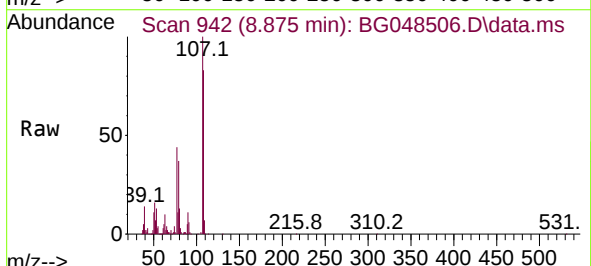
mohammad
3/26/2021 1:20:55 PM

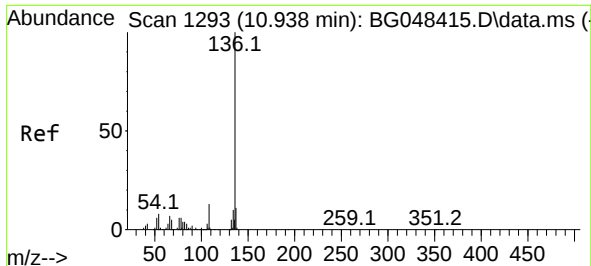


#20

3+4-Methylphenols
Concen: 45.31 ng
RT: 8.875 min Scan# 942
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	107	Resp:	183034
Ion Ratio	Lower	Upper	
107	100		
108	82.9	70.6	110.6
77	44.2	10.2	50.2
79	36.8	6.8	46.8





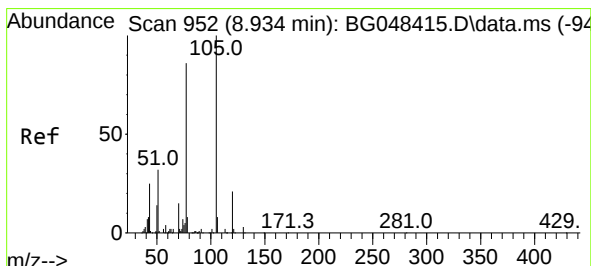
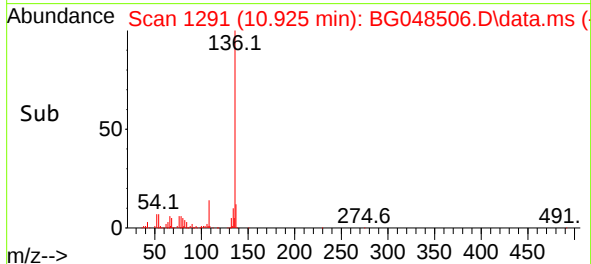
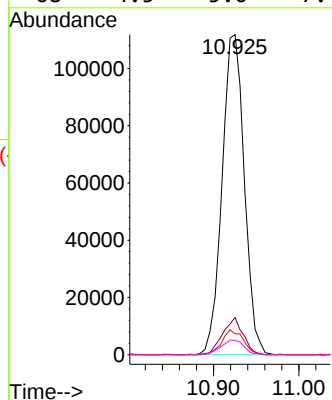
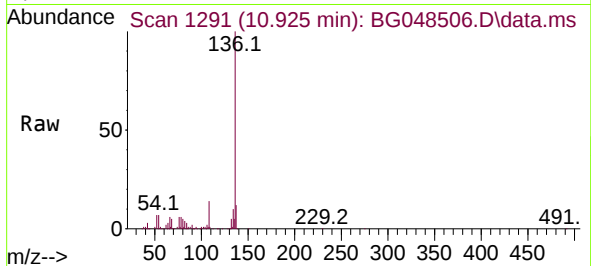
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1291
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	136	Resp:	202451
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	6.5	6.2	9.4
68	4.5	5.0	7.4#

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

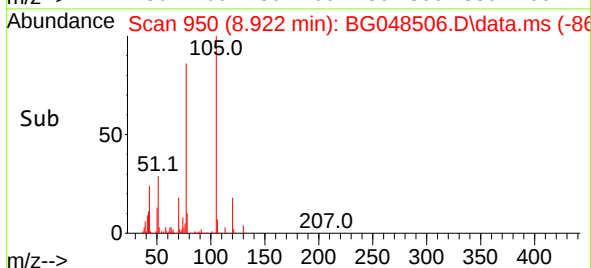
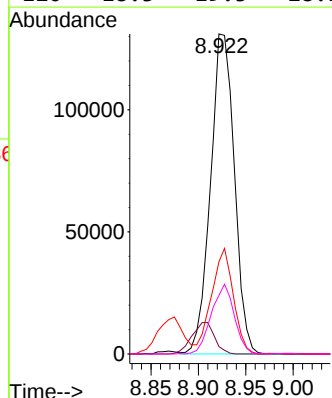
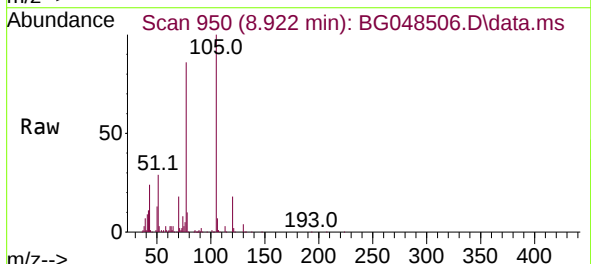
Manual Integrations
APPROVED

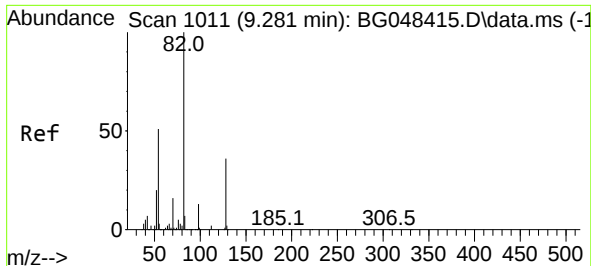
mohammad
3/26/2021 1:20:55 PM



#22
Acetophenone
Concen: 40.43 ng
RT: 8.922 min Scan# 950
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	105	Resp:	230161
Ion Ratio	Lower	Upper	
105	100		
71	2.3	2.7	4.1#
51	28.8	21.0	31.6
120	18.3	19.3	28.9#





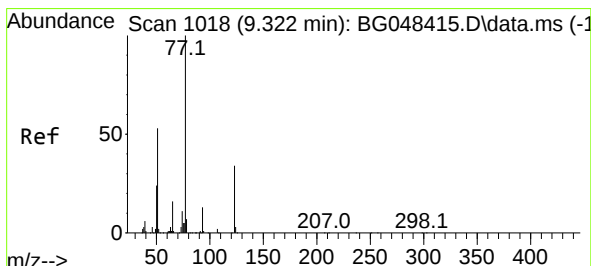
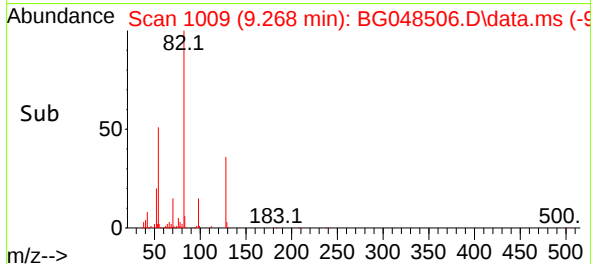
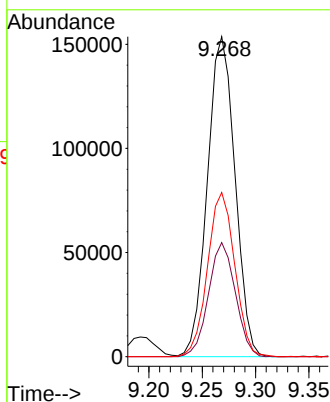
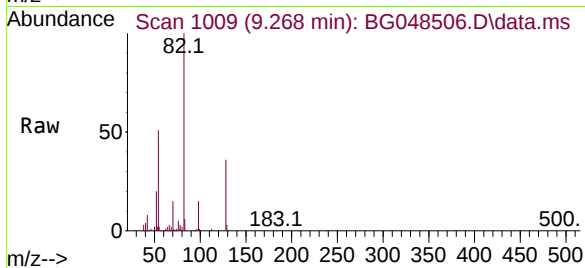
#23
Nitrobenzene-d5
Concen: 54.59 ng
RT: 9.268 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 82 Resp: 276401
Ion Ratio Lower Upper
82 100
128 35.7 37.0 55.6#
54 51.3 39.0 58.4

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

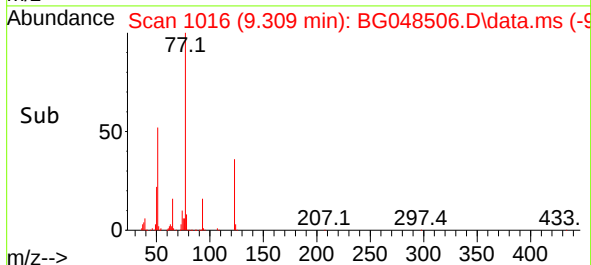
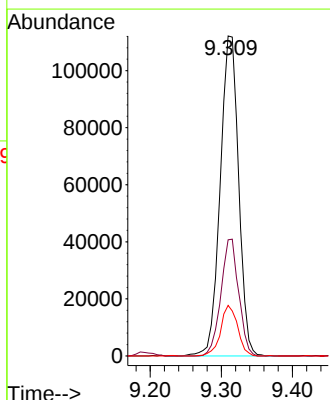
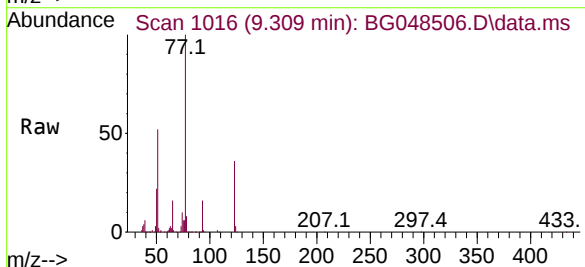
Manual Integrations
APPROVED

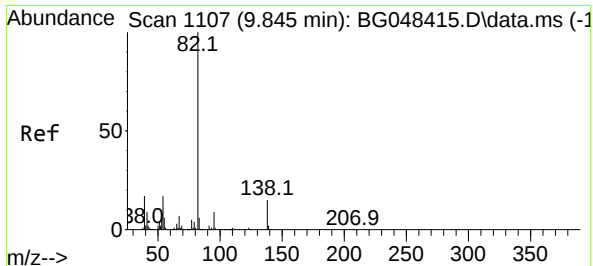
mohammad
3/26/2021 1:20:55 PM



#24
Nitrobenzene
Concen: 37.09 ng
RT: 9.309 min Scan# 1016
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 77 Resp: 201173
Ion Ratio Lower Upper
77 100
123 36.3 39.7 59.5#
65 15.8 10.4 15.6#





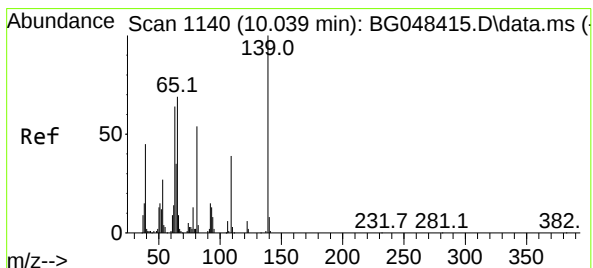
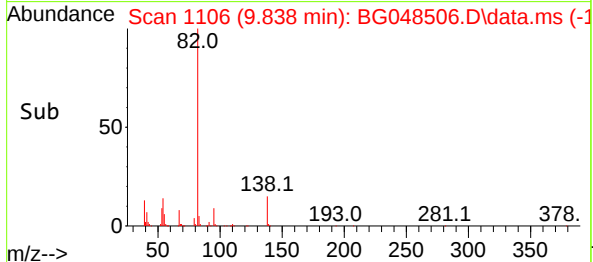
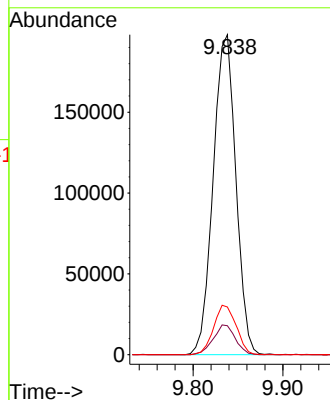
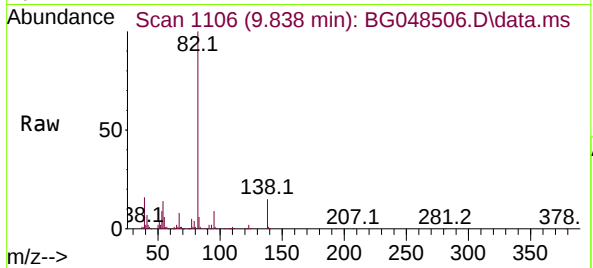
#25
Isophorone
Concen: 35.83 ng
RT: 9.838 min Scan# 1106
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 82 Resp: 347306
Ion Ratio Lower Upper
82 100
95 9.1 5.6 8.4#
138 14.9 15.8 23.6#

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

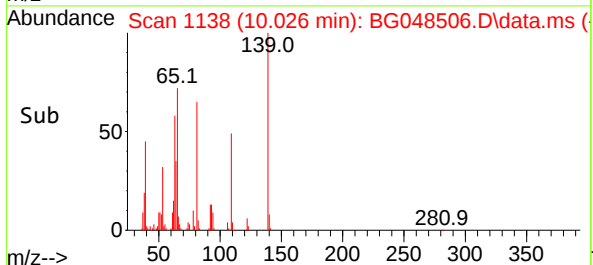
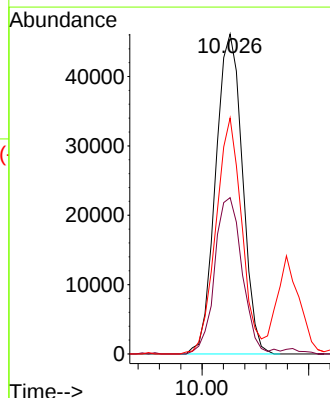
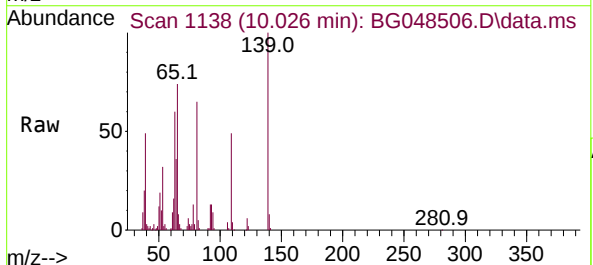
Manual Integrations
APPROVED

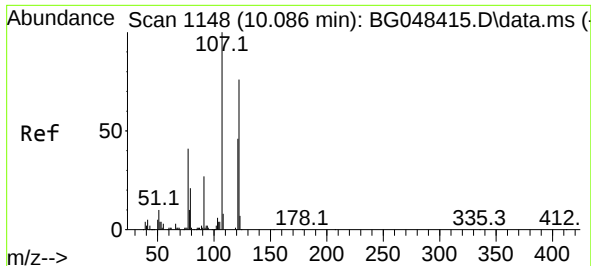
mohammad
3/26/2021 1:20:55 PM



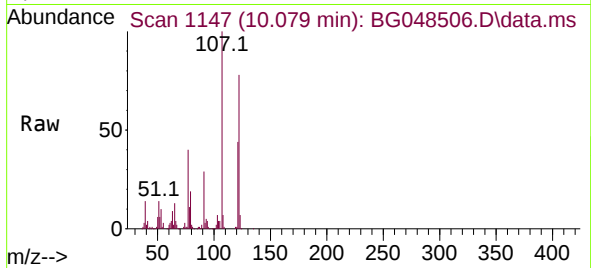
#26
2-Nitrophenol
Concen: 39.02 ng
RT: 10.026 min Scan# 1138
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 139 Resp: 80455
Ion Ratio Lower Upper
139 100
109 48.8 20.7 31.1#
65 73.7 36.1 54.1#

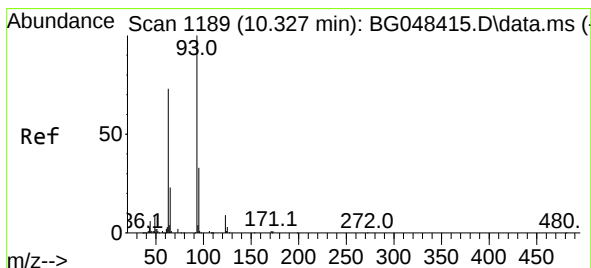
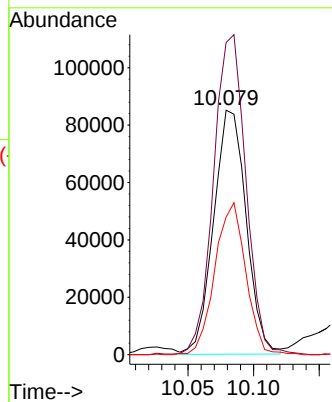
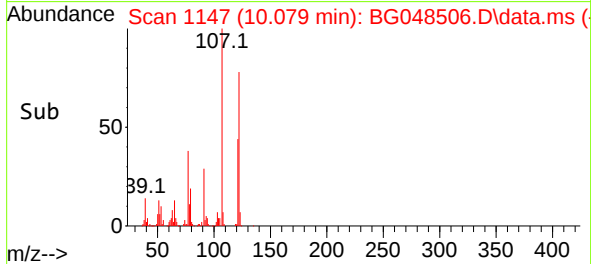




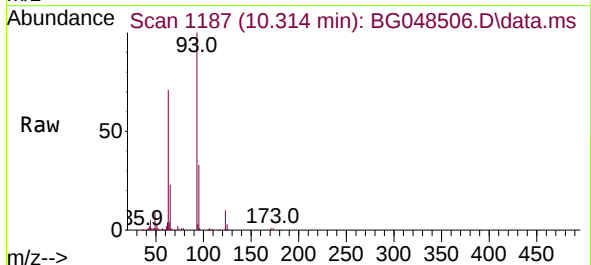
#27
2,4-Dimethylphenol
Concen: 45.66 ng
RT: 10.079 min Scan# 1147
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



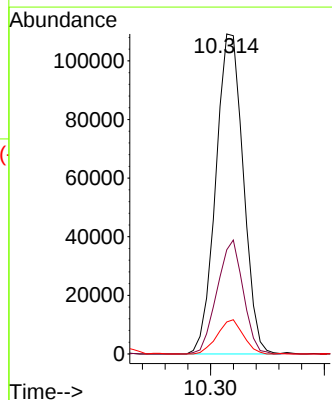
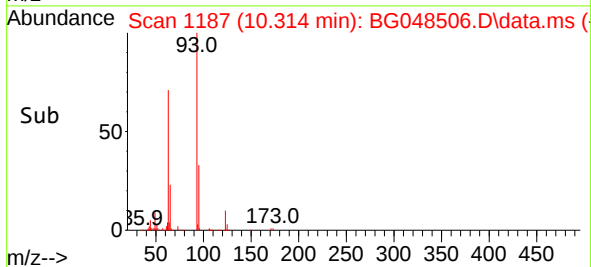
Tgt Ion:122 Resp: 146914
Ion Ratio Lower Upper
122 100
107 127.7 89.2 133.8
121 56.3 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.71 ng
RT: 10.314 min Scan# 1187
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



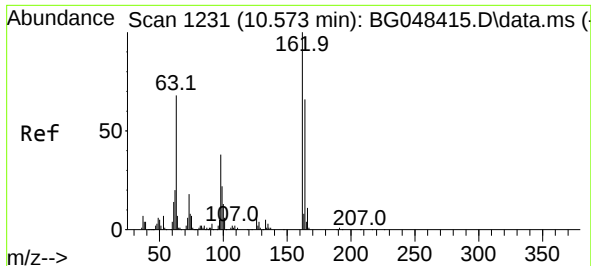
Tgt Ion: 93 Resp: 183238
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.0 9.4 14.0



Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
APPROVED

mohammad
3/26/2021 1:20:55 PM



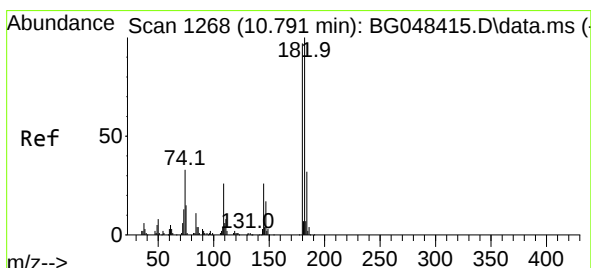
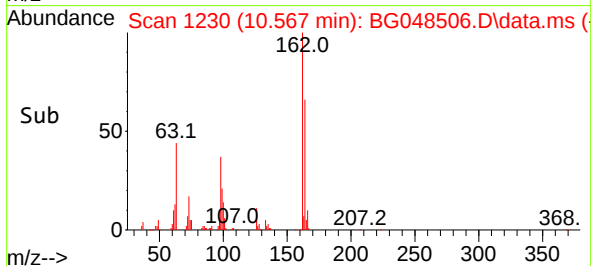
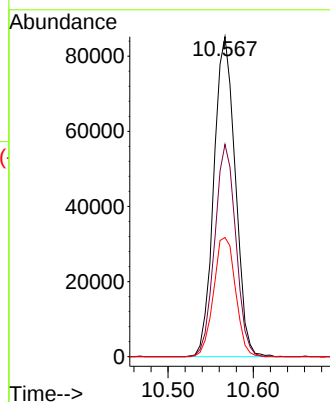
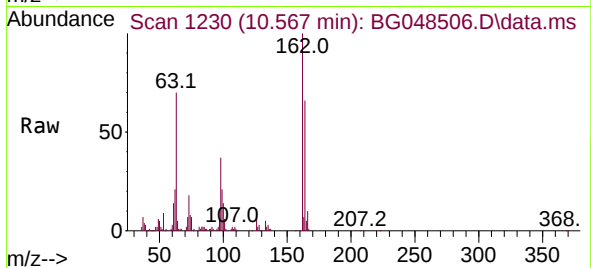
#29
2,4-Dichlorophenol
Concen: 39.91 ng
RT: 10.567 min Scan# 1230
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:162 Resp: 149007
Ion Ratio Lower Upper
162 100
164 66.4 45.6 85.6
98 37.2 11.0 51.0

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

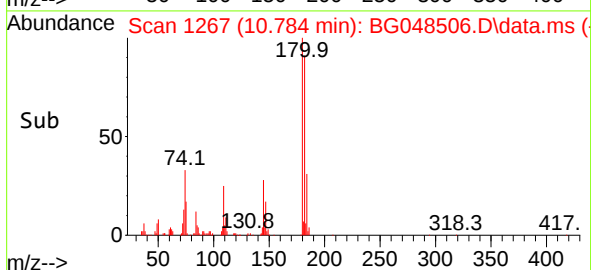
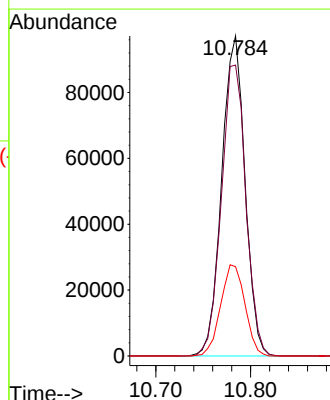
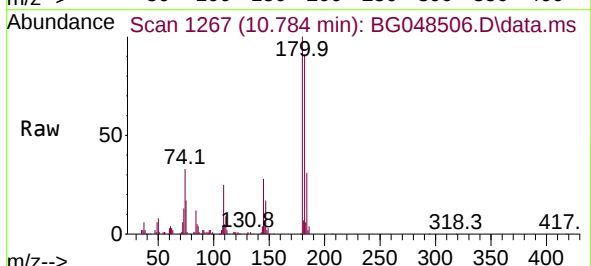
Manual Integrations
APPROVED

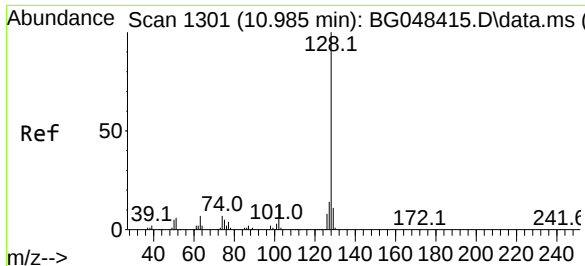
mohammad
3/26/2021 1:20:55 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.80 ng
RT: 10.784 min Scan# 1267
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:180 Resp: 166062
Ion Ratio Lower Upper
180 100
182 90.9 76.9 115.3
145 27.9 21.4 32.0





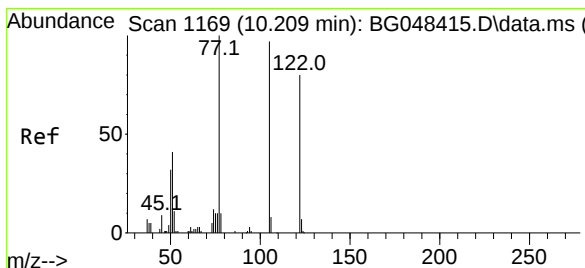
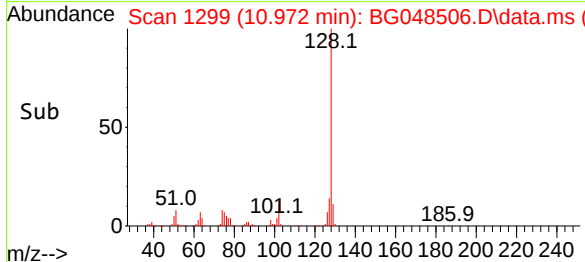
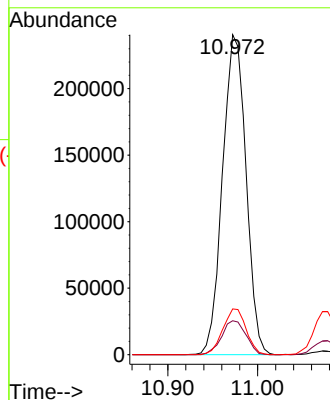
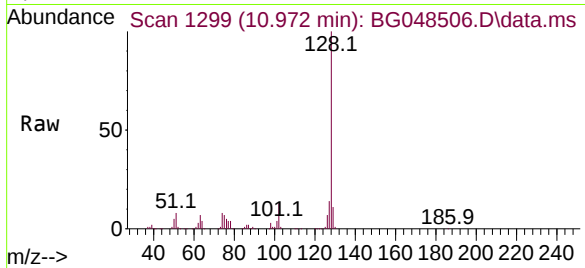
#31
Naphthalene
Concen: 38.90 ng
RT: 10.972 min Scan# 1299
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:128 Resp: 436670
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 14.3 11.0 16.4

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

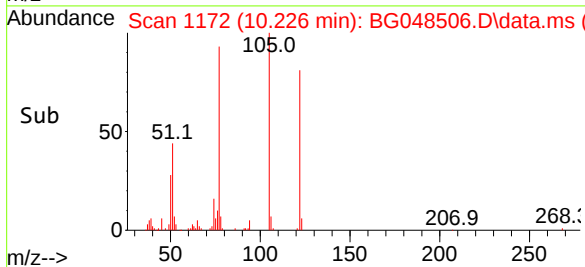
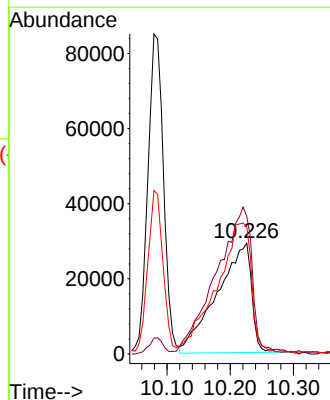
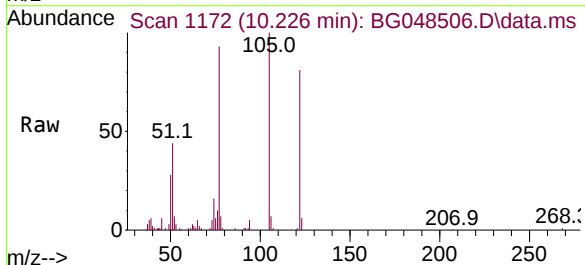
Manual Integrations
APPROVED

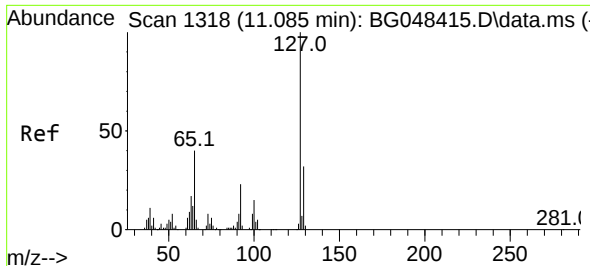
mohammad
3/26/2021 1:20:55 PM



#32
Benzoic acid
Concen: 44.00 ng
RT: 10.226 min Scan# 1172
Delta R.T. 0.026 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

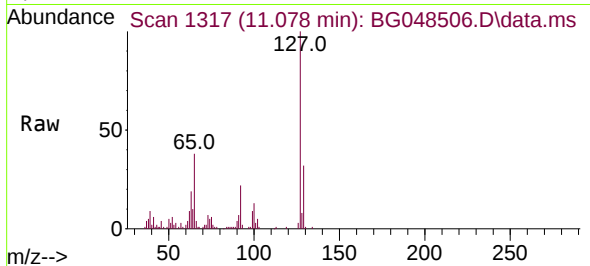
Tgt Ion:122 Resp: 110159
Ion Ratio Lower Upper
122 100
105 124.1 103.7 143.7
77 115.0 63.0 103.0#





#33
4-Chloroaniline
Concen: 12.66 ng
RT: 11.078 min Scan# 1317
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

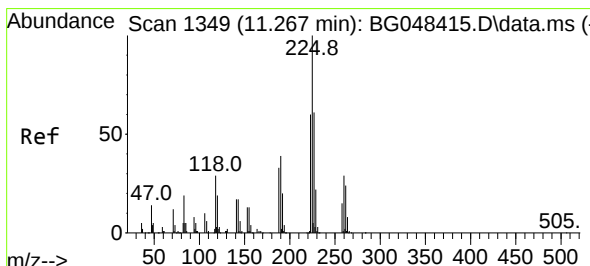
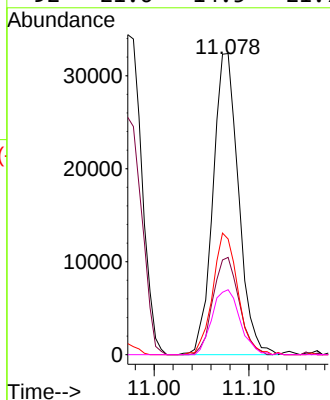
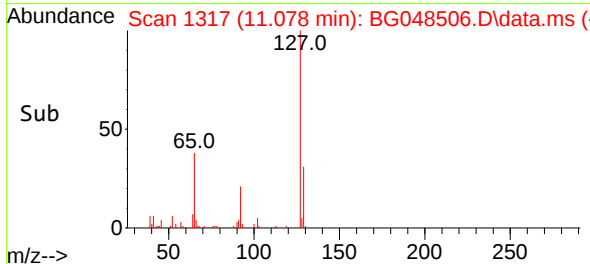
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



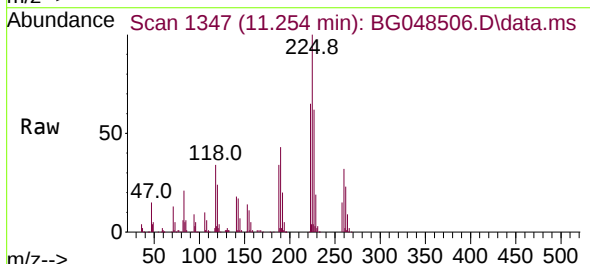
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.8	40.2
65	38.4	23.8	35.6#
92	21.6	14.5	21.7

Manual Integrations
APPROVED

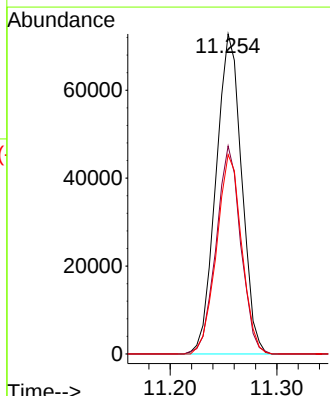
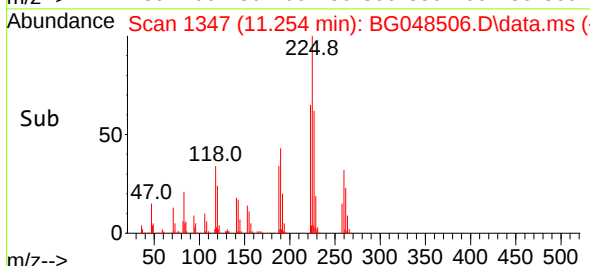
mohammad
3/26/2021 1:20:55 PM

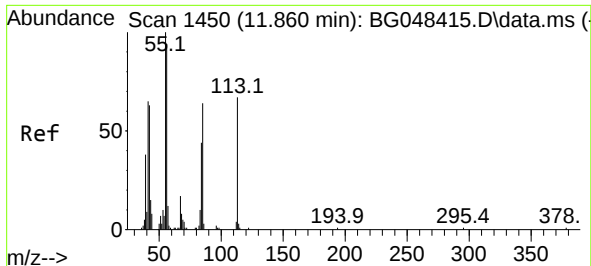


#34
Hexachlorobutadiene
Concen: 34.00 ng
RT: 11.254 min Scan# 1347
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



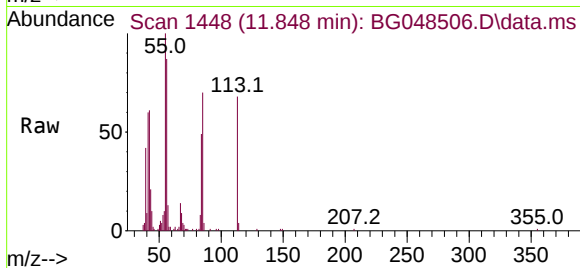
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.5	74.3
227	62.3	52.0	78.0





#35
Caprolactam
Concen: 39.03 ng m
RT: 11.848 min Scan# 1448
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

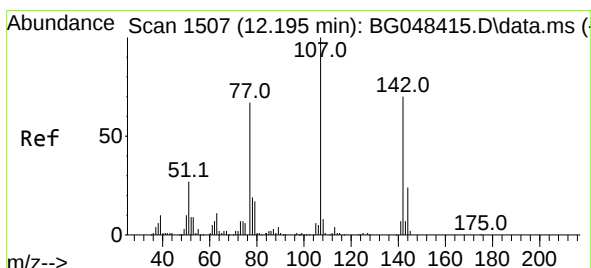
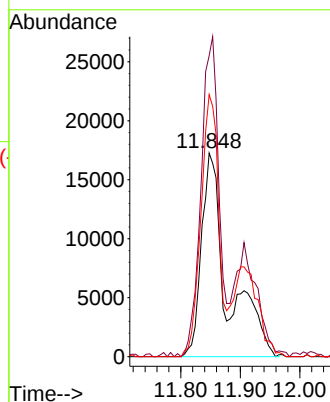
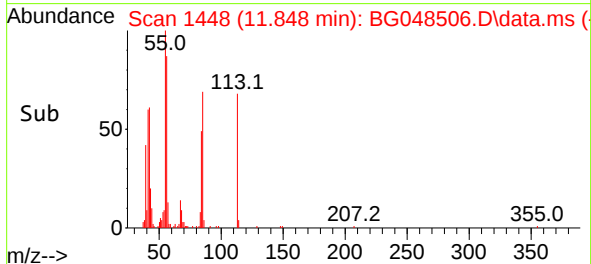
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



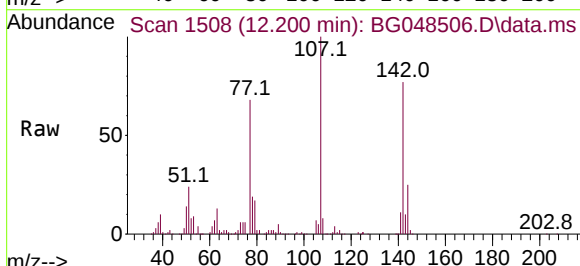
Tgt Ion:113 Resp: 52027
Ion Ratio Lower Upper
113 100
55 147.8 149.2 189.2#
56 128.7 107.2 147.2

Manual Integrations
APPROVED

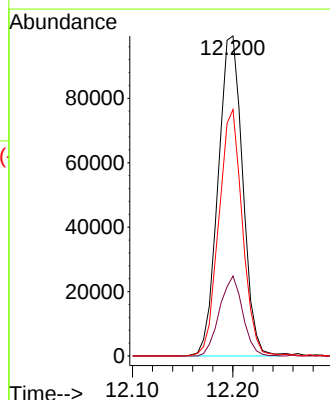
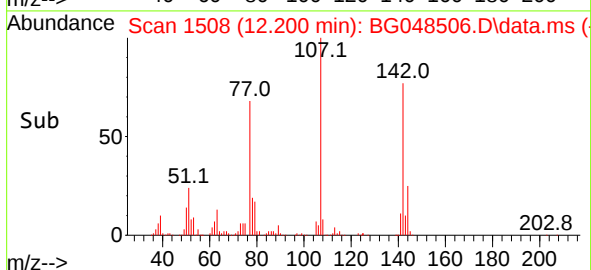
mohammad
3/26/2021 1:20:55 PM

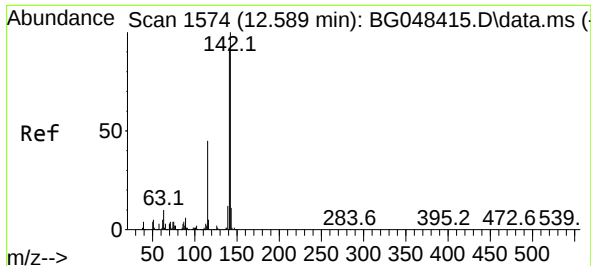


#36
4-Chloro-3-methylphenol
Concen: 39.00 ng
RT: 12.200 min Scan# 1508
Delta R.T. 0.008 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



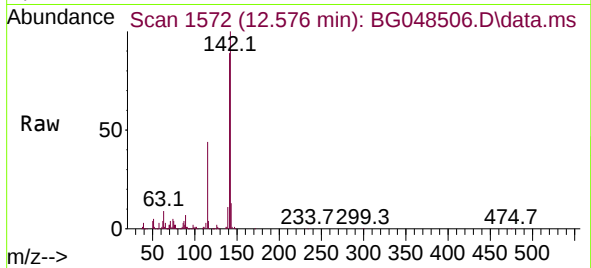
Tgt Ion:107 Resp: 169021
Ion Ratio Lower Upper
107 100
144 25.0 22.5 33.7
142 77.0 70.8 106.2





#37
2-Methylnaphthalene
Concen: 39.06 ng
RT: 12.576 min Scan# 1572
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

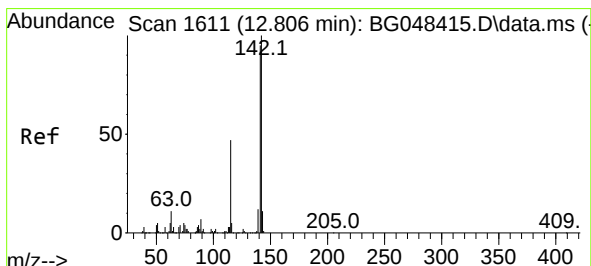
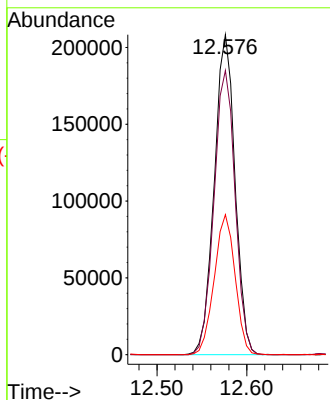
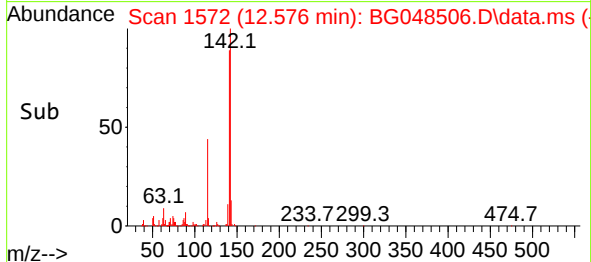
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



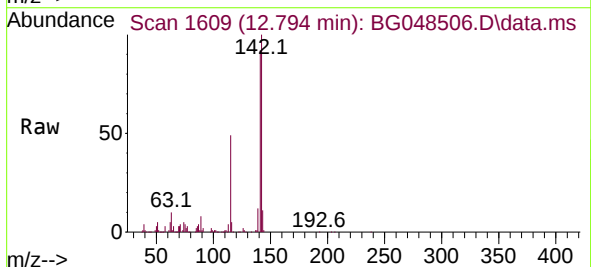
Tgt Ion:142 Resp: 334627
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 43.8 25.4 38.2#

Manual Integrations
APPROVED

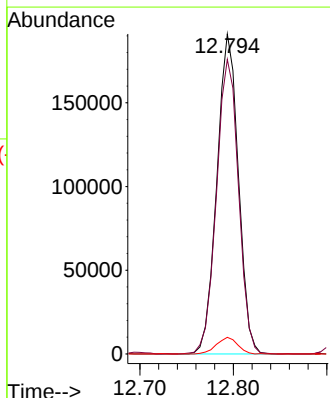
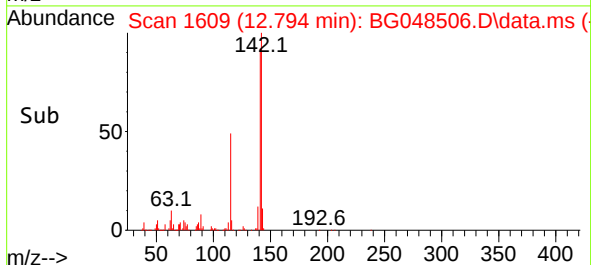
mohammad
3/26/2021 1:20:55 PM

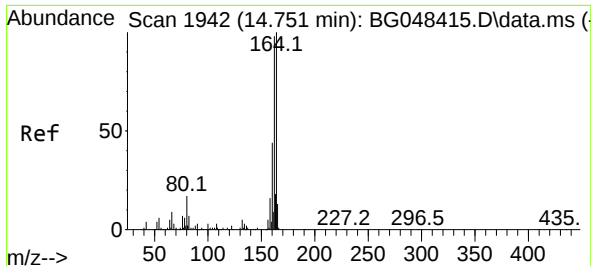


#38
1-Methylnaphthalene
Concen: 37.95 ng m
RT: 12.794 min Scan# 1609
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



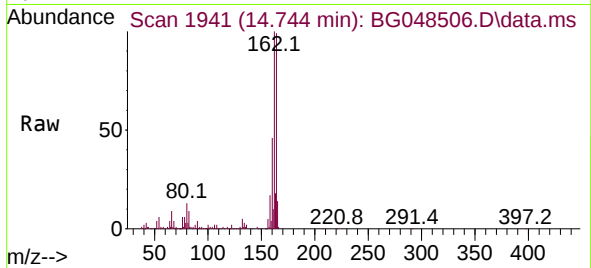
Tgt Ion:142 Resp: 305779
Ion Ratio Lower Upper
142 100
141 92.0 75.4 113.2
116 5.2 2.9 4.3#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

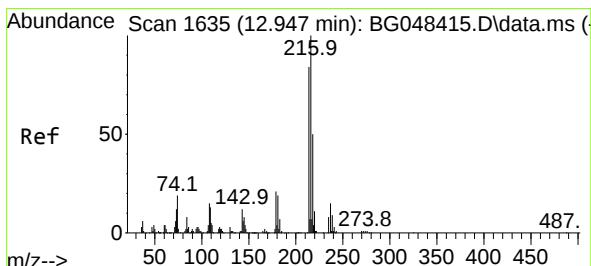
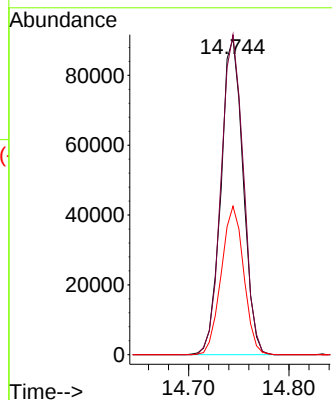
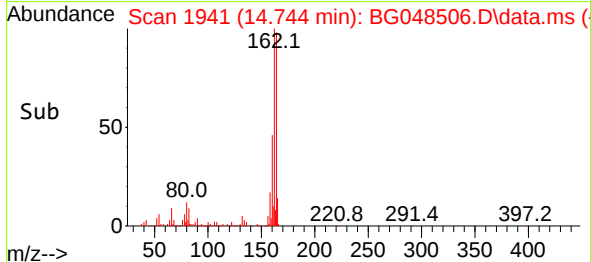
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



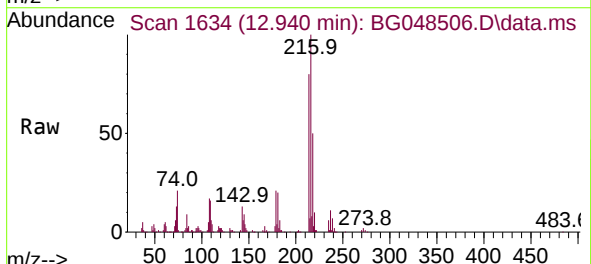
Tgt Ion:164 Resp: 138685
Ion Ratio Lower Upper
164 100
162 101.2 82.3 123.5
160 47.0 35.3 52.9

Manual Integrations
APPROVED

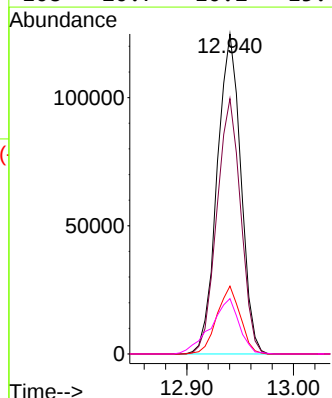
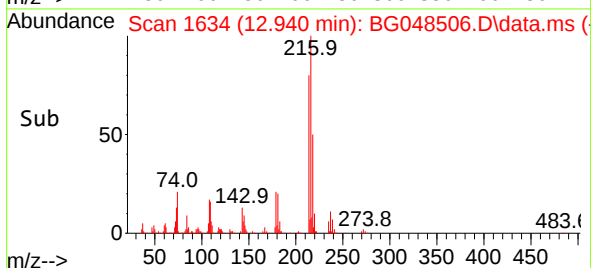
mohammad
3/26/2021 1:20:55 PM

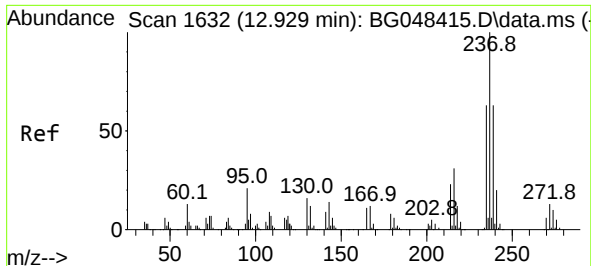


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.00 ng
RT: 12.940 min Scan# 1634
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



Tgt Ion:216 Resp: 192431
Ion Ratio Lower Upper
216 100
214 80.2 61.9 92.9
179 20.9 14.8 22.2
108 20.7 10.2 15.4#





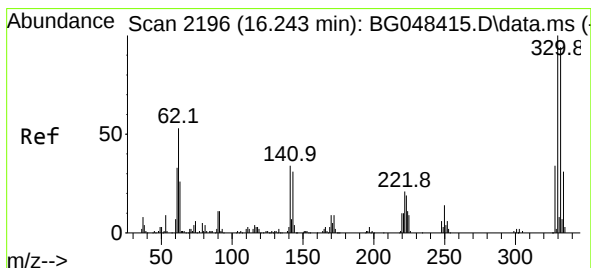
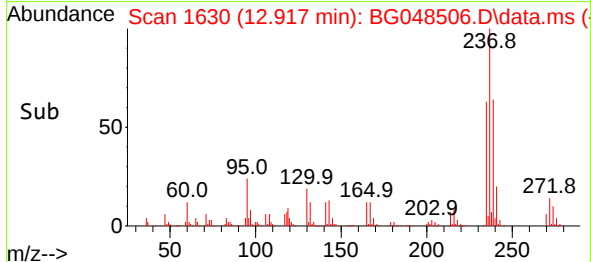
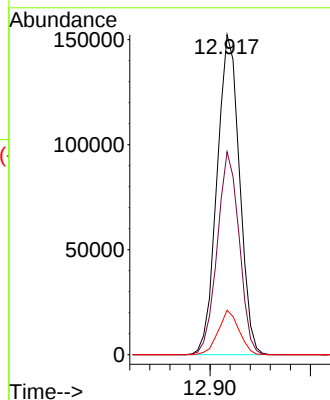
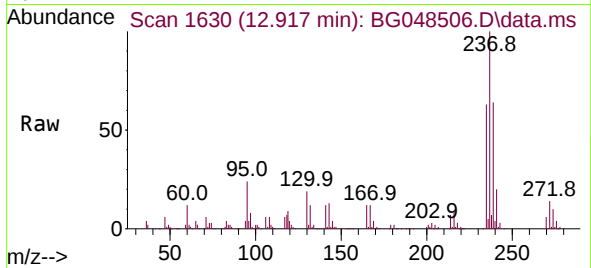
#41
Hexachlorocyclopentadiene
Concen: 72.36 ng
RT: 12.917 min Scan# 1630
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	237	Resp:	236927
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.1	83.1
272	13.9	0.0	33.1

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

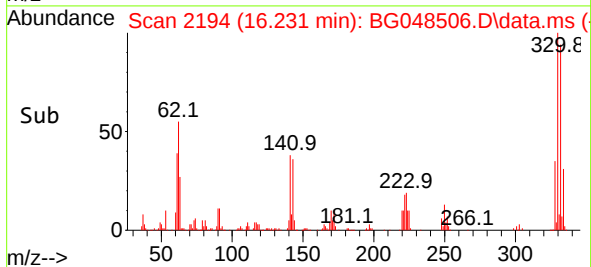
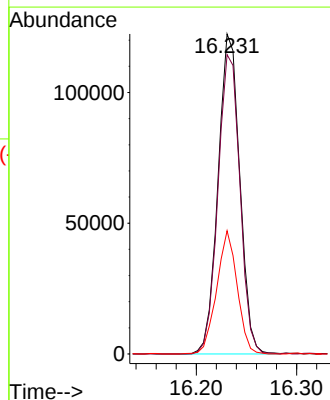
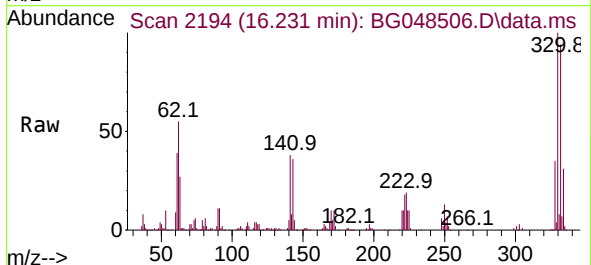
Manual Integrations
APPROVED

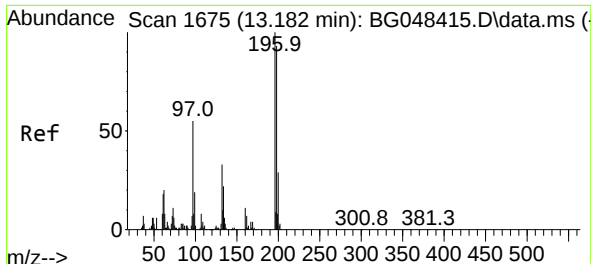
mohammad
3/26/2021 1:20:55 PM



#42
2,4,6-Tribromophenol
Concen: 81.40 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	330	Resp:	183592
Ion Ratio	Lower	Upper	
330	100		
332	94.3	76.5	114.7
141	36.4	26.0	39.0





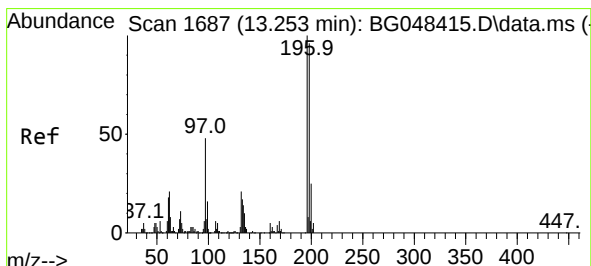
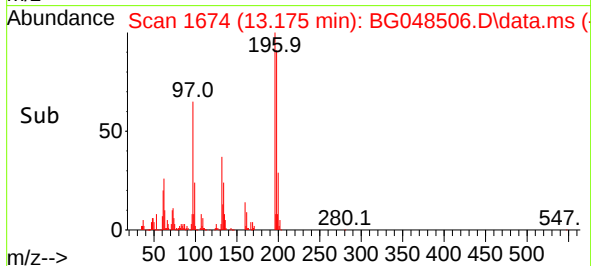
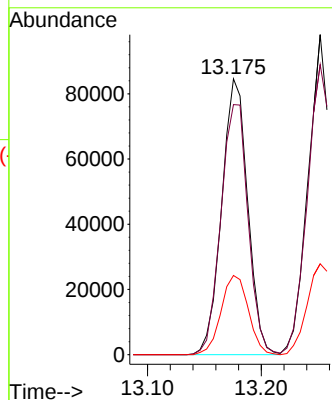
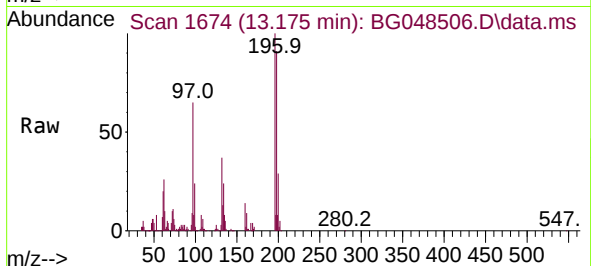
#43
2,4,6-Trichlorophenol
Concen: 39.17 ng
RT: 13.175 min Scan# 1674
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:196 Resp: 134457
Ion Ratio Lower Upper
196 100
198 90.6 74.9 112.3
200 28.7 25.3 37.9

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

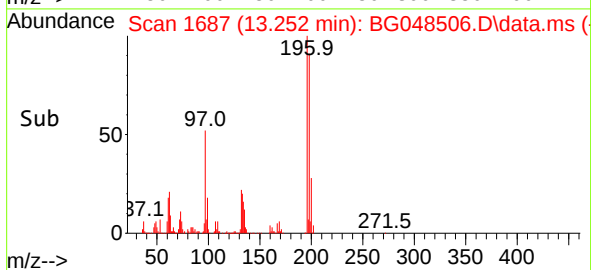
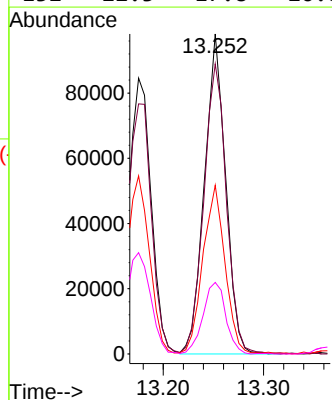
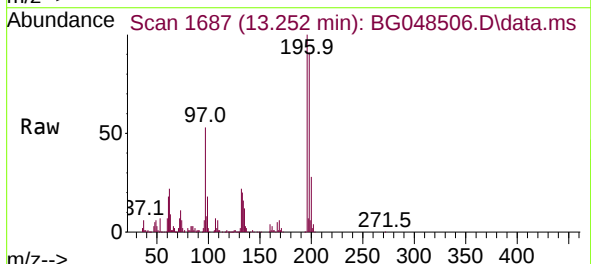
Manual Integrations
APPROVED

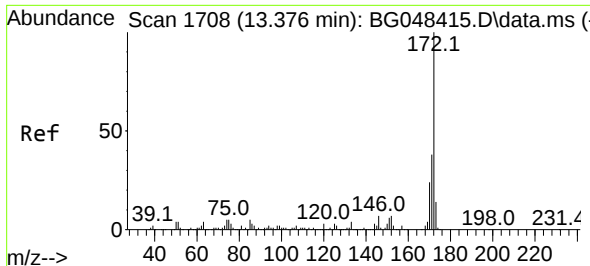
mohammad
3/26/2021 1:20:55 PM



#44
2,4,5-Trichlorophenol
Concen: 38.22 ng
RT: 13.252 min Scan# 1687
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

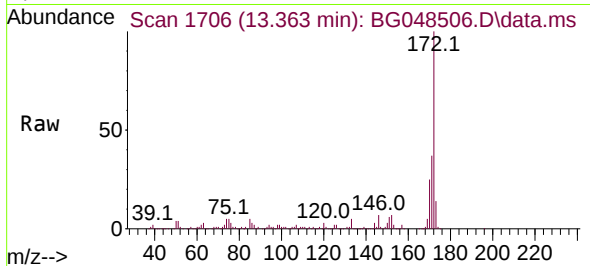
Tgt Ion:196 Resp: 144395
Ion Ratio Lower Upper
196 100
198 90.6 77.6 116.4
97 52.7 28.6 43.0#
132 22.3 17.8 26.8





#45
2-Fluorobiphenyl
Concen: 55.16 ng
RT: 13.363 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

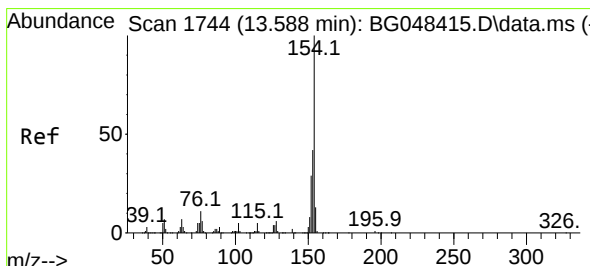
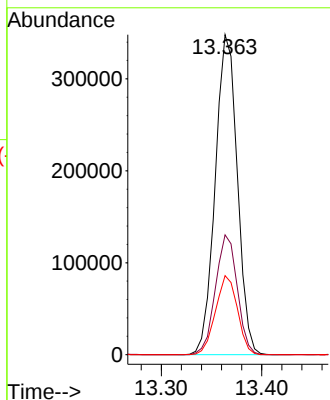
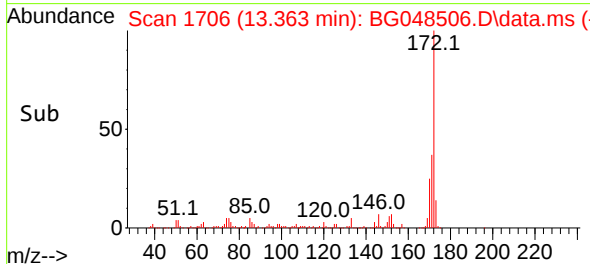
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



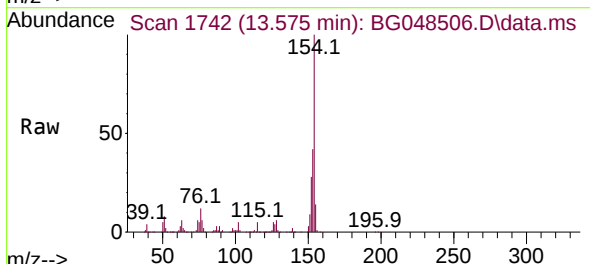
Tgt Ion:172 Resp: 531738
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.7 20.8 31.2

Manual Integrations
APPROVED

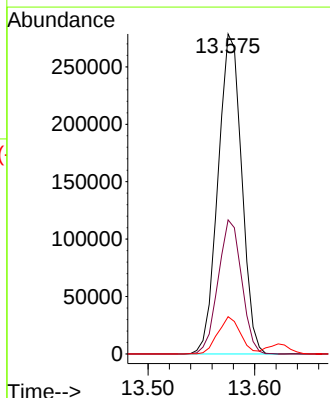
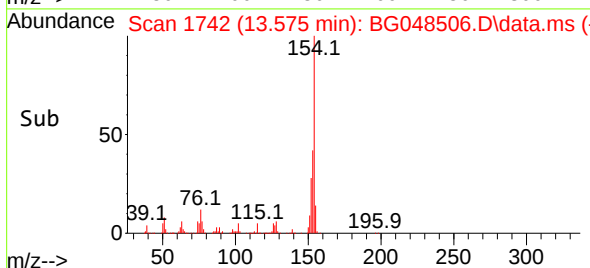
mohammad
3/26/2021 1:20:55 PM

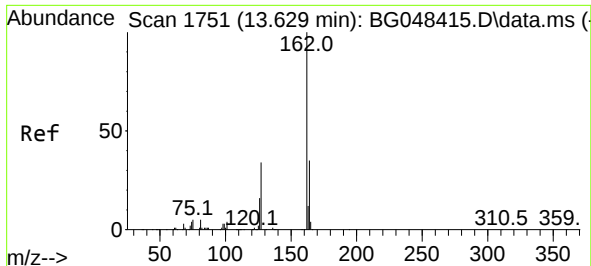


#46
1,1'-Biphenyl
Concen: 43.09 ng
RT: 13.575 min Scan# 1742
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



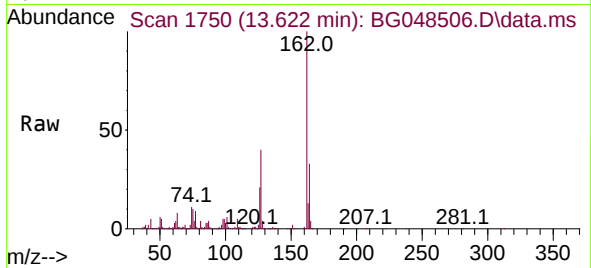
Tgt Ion:154 Resp: 428866
Ion Ratio Lower Upper
154 100
153 41.9 22.6 62.6
76 11.6 0.0 32.6





#47
2-Chloronaphthalene
Concen: 41.36 ng
RT: 13.622 min Scan# 1750
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

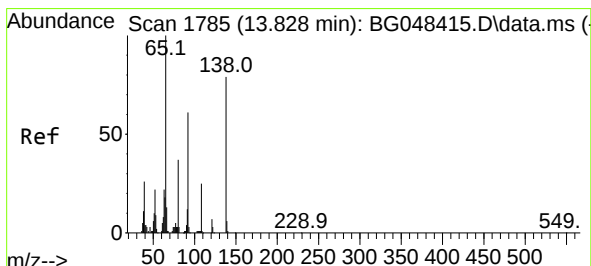
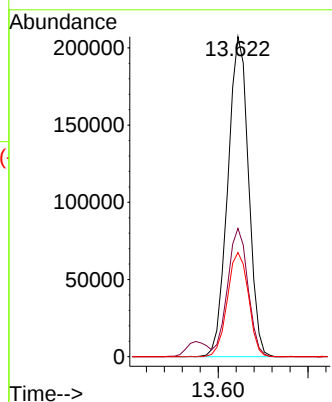
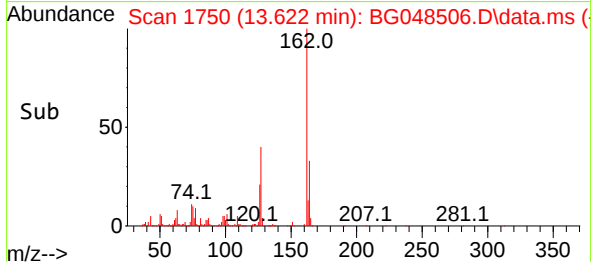
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



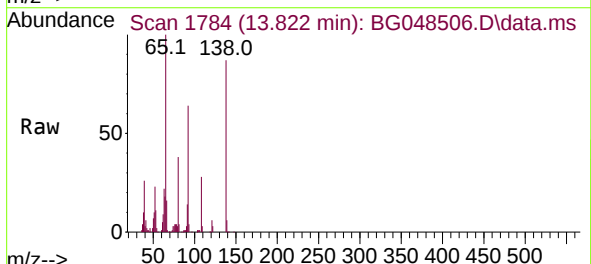
Tgt Ion:162 Resp: 331910
Ion Ratio Lower Upper
162 100
127 40.1 27.8 41.6
164 32.5 27.0 40.4

Manual Integrations
APPROVED

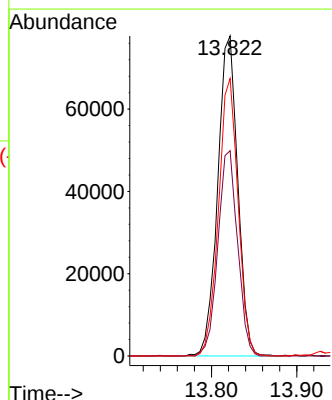
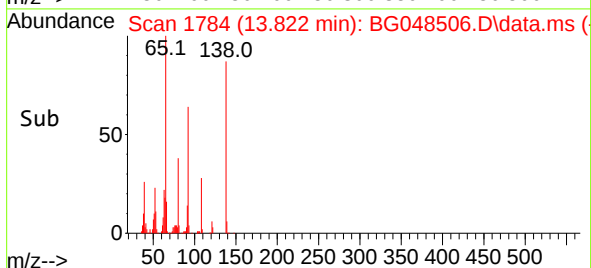
mohammad
3/26/2021 1:20:55 PM

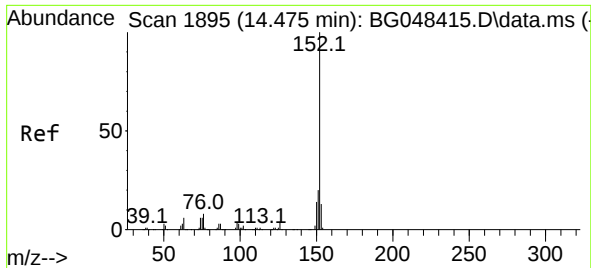


#48
2-Nitroaniline
Concen: 42.71 ng
RT: 13.822 min Scan# 1784
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

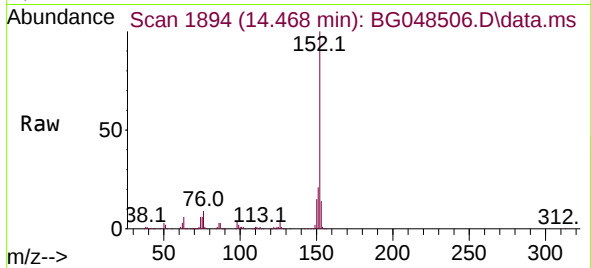


Tgt Ion: 65 Resp: 126872
Ion Ratio Lower Upper
65 100
92 64.2 58.6 88.0
138 86.7 98.2 147.4#

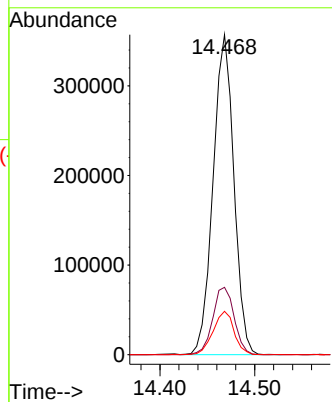
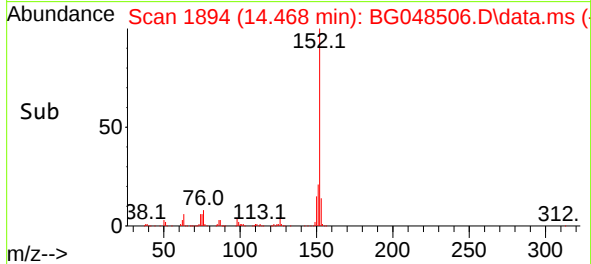




#49
Acenaphthylene
Concen: 41.83 ng
RT: 14.468 min Scan# 1894
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



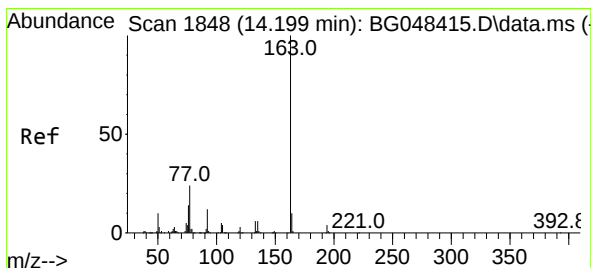
Tgt Ion:152 Resp: 543565
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.0
153 13.6 11.5 17.3



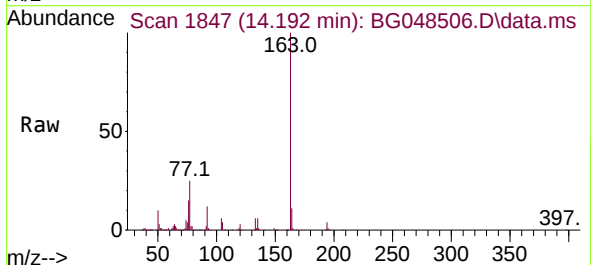
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
APPROVED

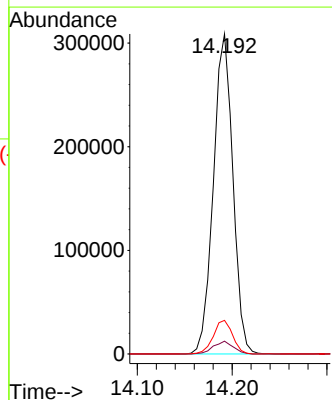
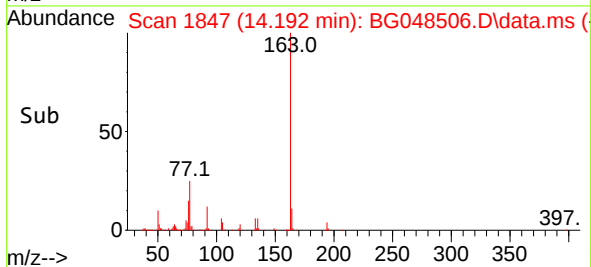
mohammad
3/26/2021 1:20:55 PM

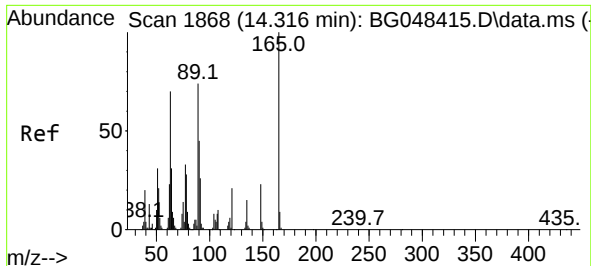


#50
Dimethylphthalate
Concen: 38.99 ng
RT: 14.192 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



Tgt Ion:163 Resp: 440046
Ion Ratio Lower Upper
163 100
194 4.0 3.8 5.8
164 10.5 8.8 13.2





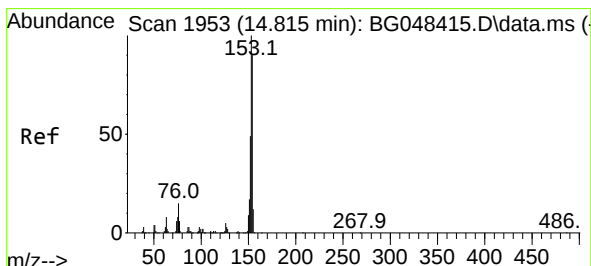
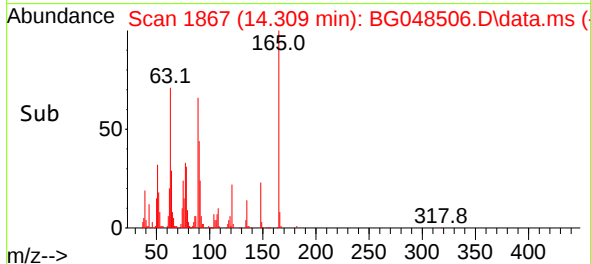
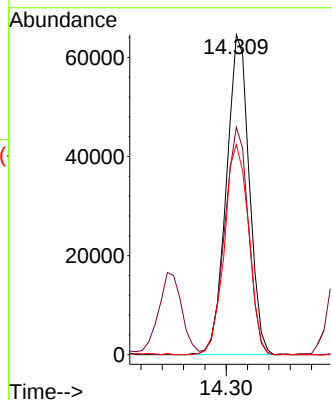
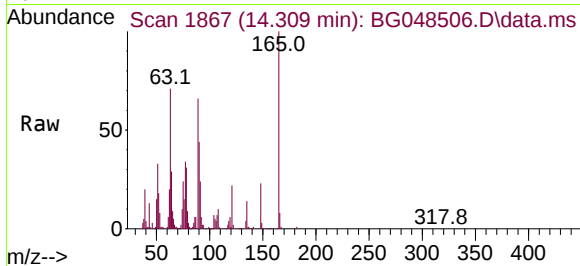
#51
2,6-Dinitrotoluene
Concen: 39.43 ng
RT: 14.309 min Scan# 1867
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:165 Resp: 95768
Ion Ratio Lower Upper
165 100
63 71.1 33.7 50.5#
89 65.7 36.6 54.8#

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

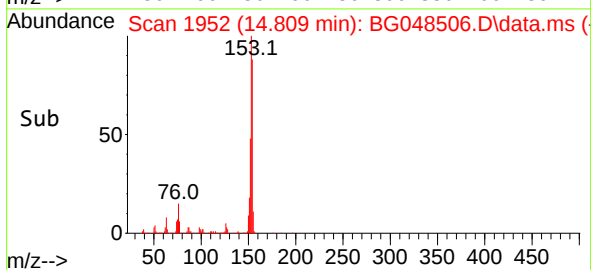
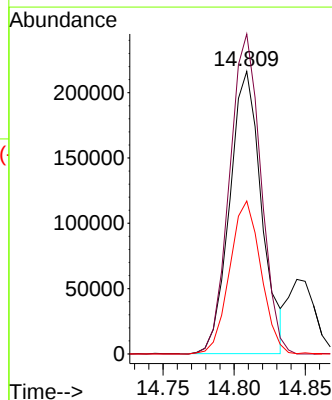
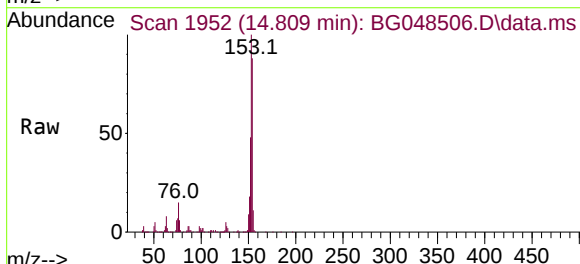
Manual Integrations
APPROVED

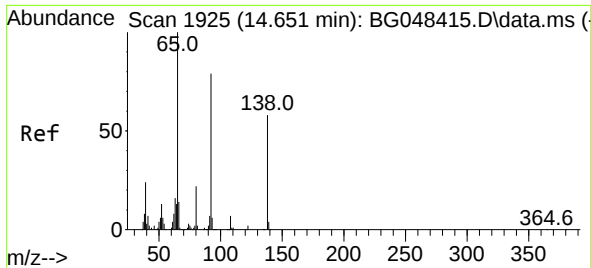
mohammad
3/26/2021 1:20:55 PM



#52
Acenaphthene
Concen: 38.68 ng
RT: 14.809 min Scan# 1952
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:154 Resp: 337837
Ion Ratio Lower Upper
154 100
153 113.2 90.3 135.5
152 54.1 43.8 65.8





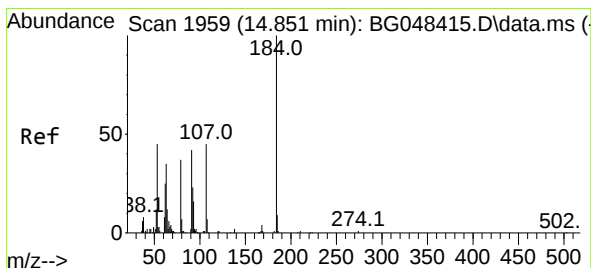
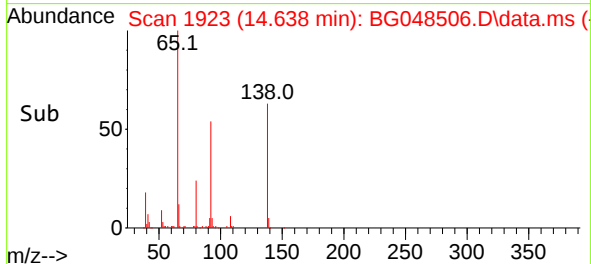
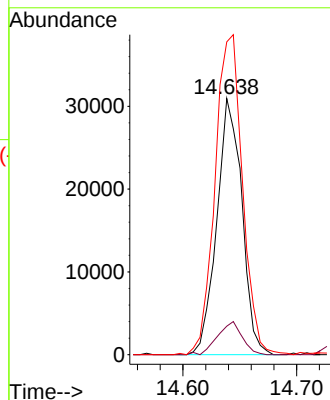
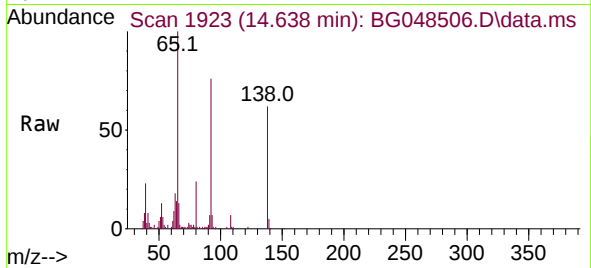
#53
3-Nitroaniline
Concen: 20.39 ng
RT: 14.638 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:138 Resp: 47420
Ion Ratio Lower Upper
138 100
108 11.1 7.4 11.0#
92 122.1 85.2 127.8

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

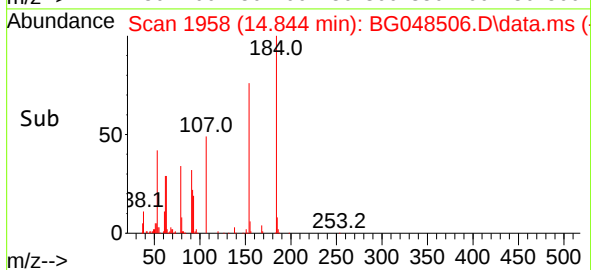
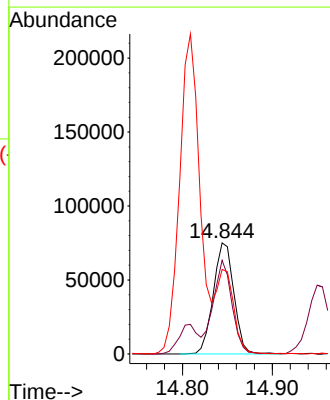
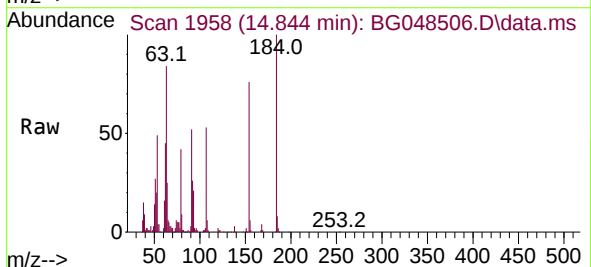
Manual Integrations
APPROVED

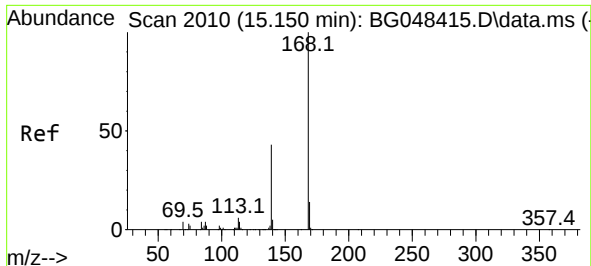
mohammad
3/26/2021 1:20:55 PM



#54
2,4-Dinitrophenol
Concen: 80.37 ng
RT: 14.844 min Scan# 1958
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:184 Resp: 119158
Ion Ratio Lower Upper
184 100
63 84.3 32.3 48.5#
154 76.0 40.4 60.6#





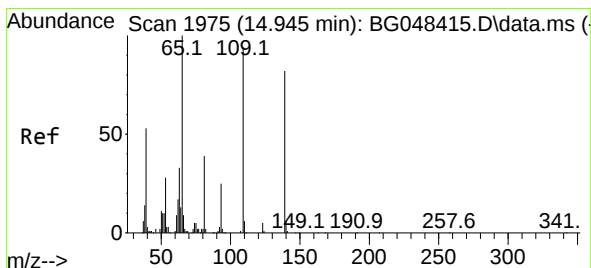
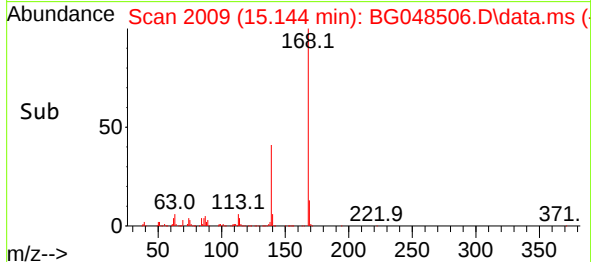
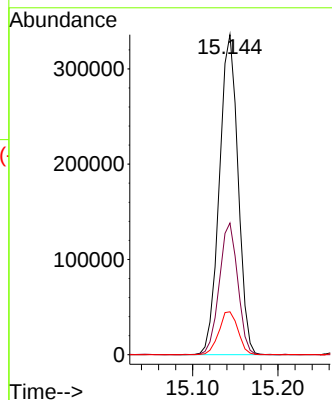
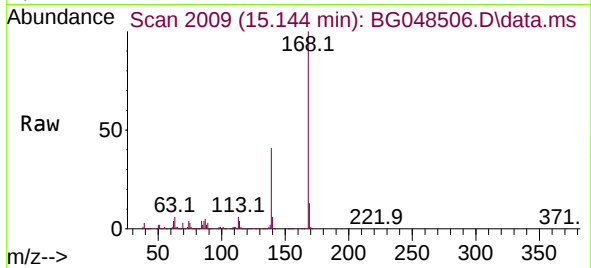
#55
Dibenzofuran
Concen: 39.25 ng
RT: 15.144 min Scan# 2009
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Tgt Ion:168 Resp: 510590
Ion Ratio Lower Upper
168 100
139 41.1 28.6 43.0
169 13.4 11.0 16.6

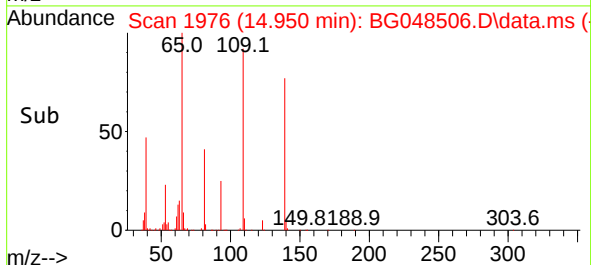
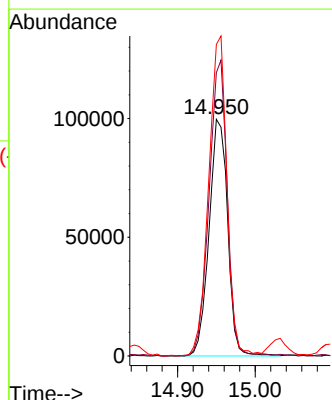
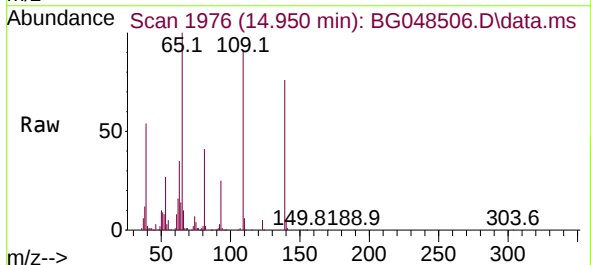
Manual Integrations
APPROVED

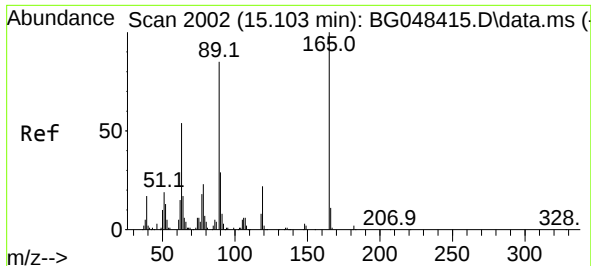
mohammad
3/26/2021 1:20:55 PM



#56
4-Nitrophenol
Concen: 79.63 ng
RT: 14.950 min Scan# 1976
Delta R.T. 0.014 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

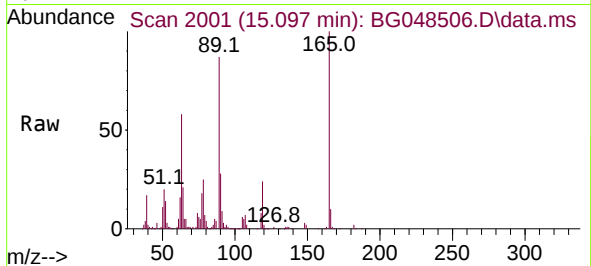
Tgt Ion:139 Resp: 165731
Ion Ratio Lower Upper
139 100
109 119.7 45.9 85.9#
65 131.6 65.4 105.4#





#57
2,4-Dinitrotoluene
Concen: 38.93 ng
RT: 15.097 min Scan# 2001
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

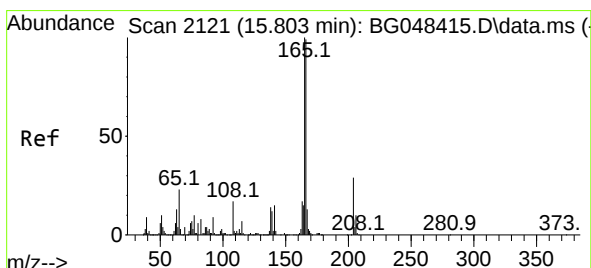
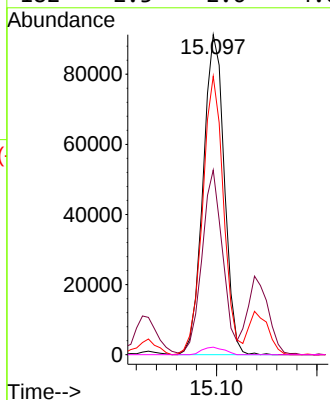
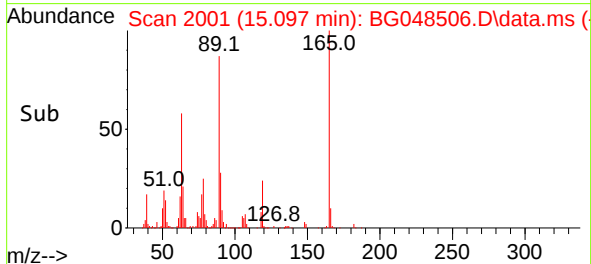
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



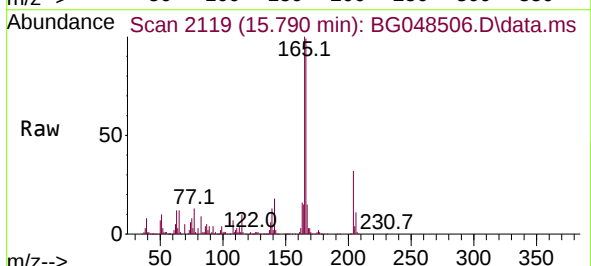
Tgt Ion:165 Resp: 134279
Ion Ratio Lower Upper
165 100
63 57.7 26.4 39.6#
89 87.0 47.8 71.8#
182 2.3 2.6 4.0#

Manual Integrations
APPROVED

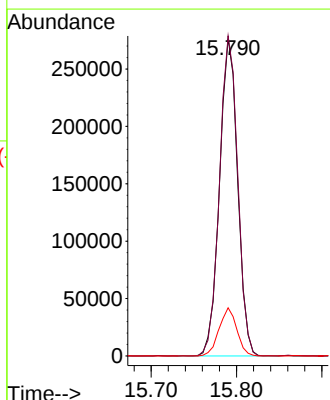
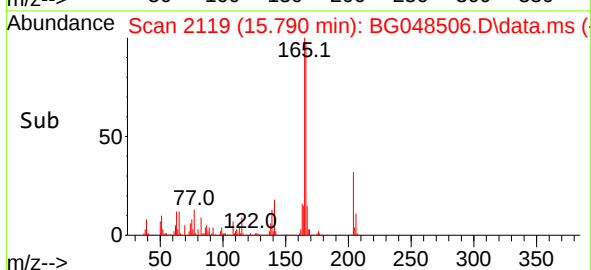
mohammad
3/26/2021 1:20:55 PM

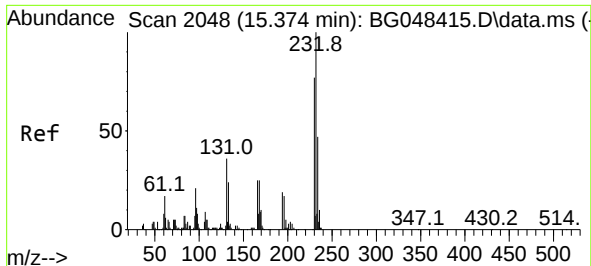


#58
Fluorene
Concen: 37.36 ng
RT: 15.790 min Scan# 2119
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



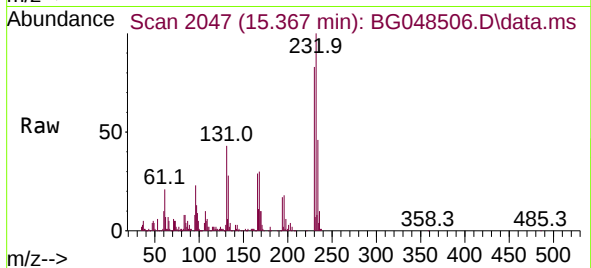
Tgt Ion:166 Resp: 407838
Ion Ratio Lower Upper
166 100
165 100.8 77.2 115.8
167 15.2 11.4 17.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.96 ng
RT: 15.367 min Scan# 2047
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

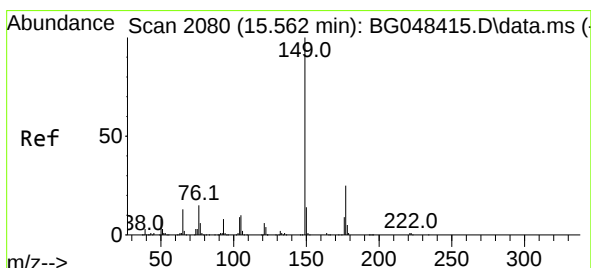
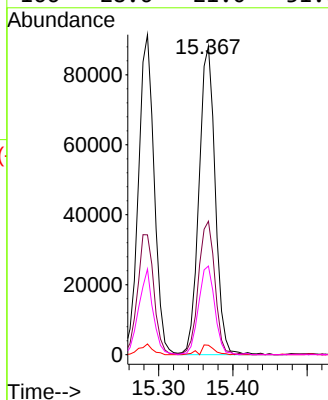
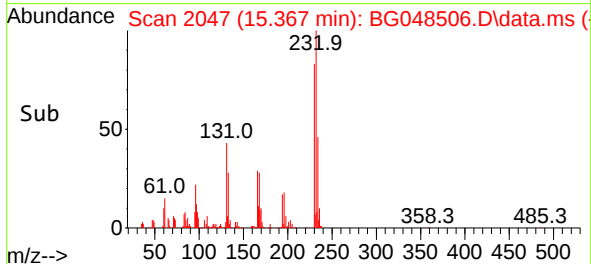
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



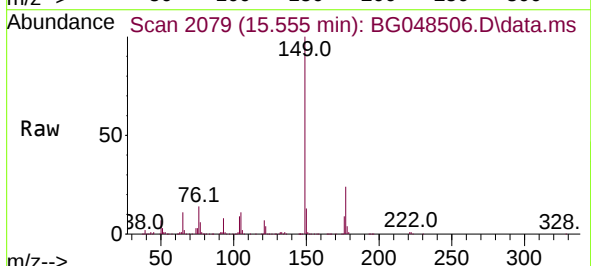
Tgt Ion:232 Resp: 134048
Ion Ratio Lower Upper
232 100
131 43.7 26.6 40.0#
130 2.8 1.4 2.0#
166 28.6 21.0 31.6

Manual Integrations
APPROVED

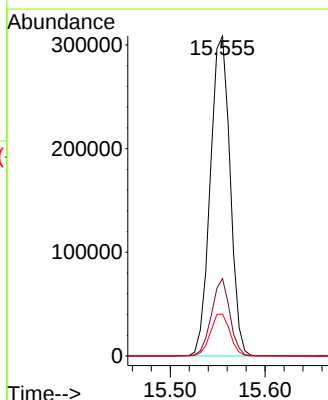
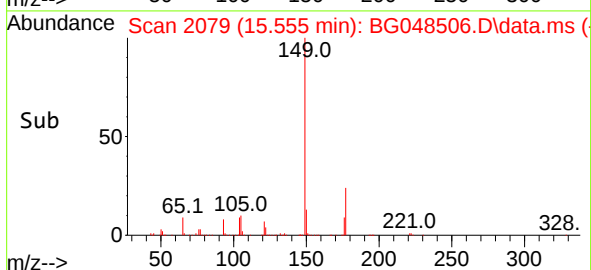
mohammad
3/26/2021 1:20:55 PM

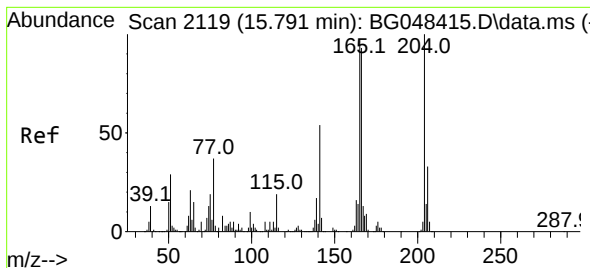


#60
Diethylphthalate
Concen: 40.48 ng
RT: 15.555 min Scan# 2079
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



Tgt Ion:149 Resp: 446585
Ion Ratio Lower Upper
149 100
177 24.2 21.4 32.2
150 13.1 10.7 16.1





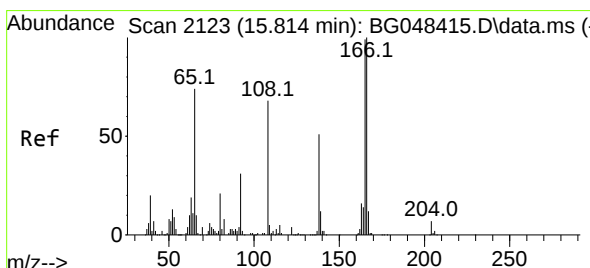
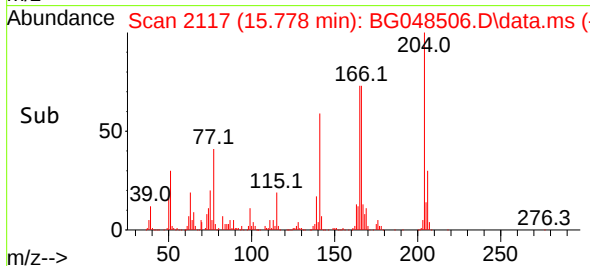
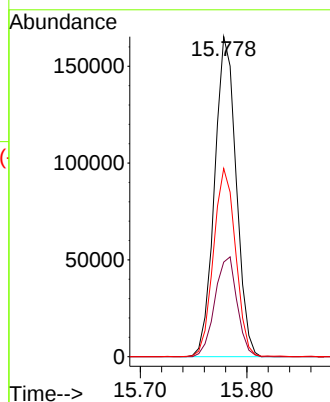
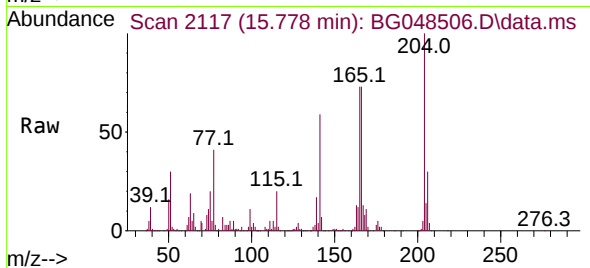
#61
4-Chlorophenyl-phenylether
Concen: 36.97 ng
RT: 15.778 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	29.6	27.8	41.8
141	58.8	41.5	62.3

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

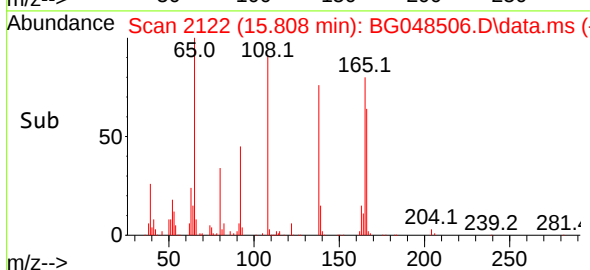
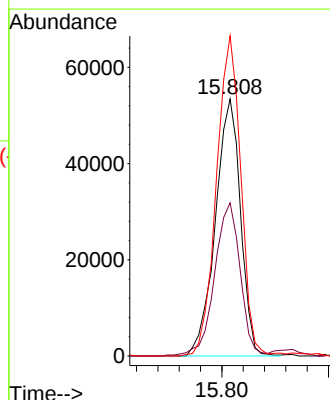
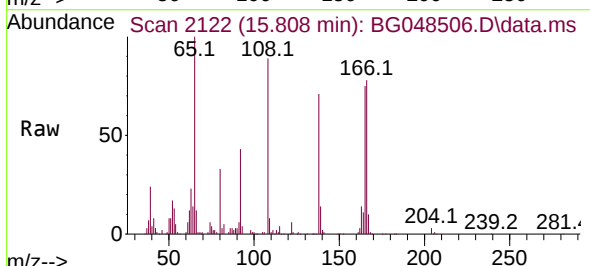
Manual Integrations
APPROVED

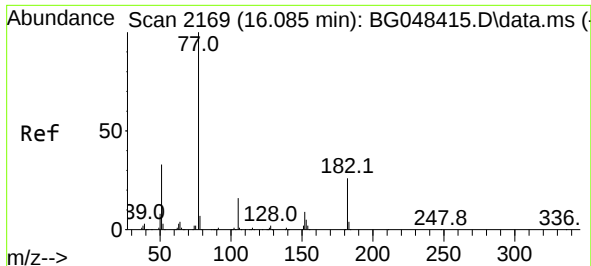
mohammad
3/26/2021 1:20:55 PM



#62
4-Nitroaniline
Concen: 34.31 ng
RT: 15.808 min Scan# 2122
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.6	26.9	66.9
108	124.5	49.4	89.4#





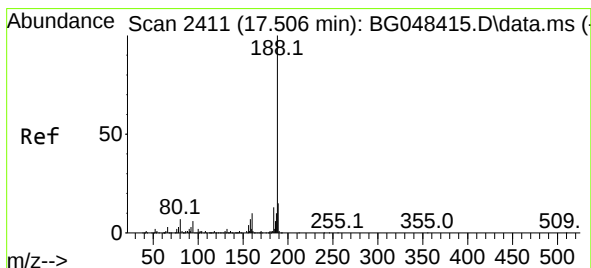
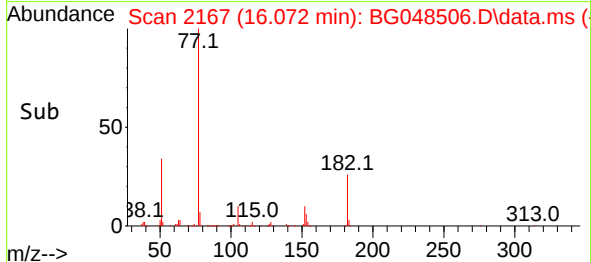
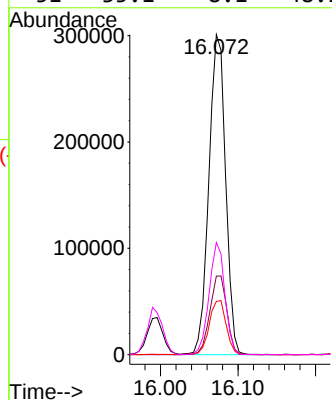
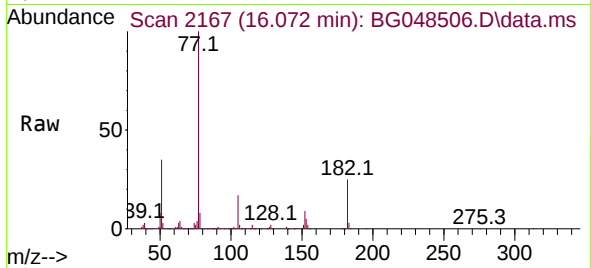
#63
Azobenzene
Concen: 37.56 ng
RT: 16.072 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 77	Resp: 450984
Ion Ratio	Lower Upper
77 100	
182 24.6	14.0 54.0
105 16.6	3.0 43.0
51 35.1	8.1 48.1

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

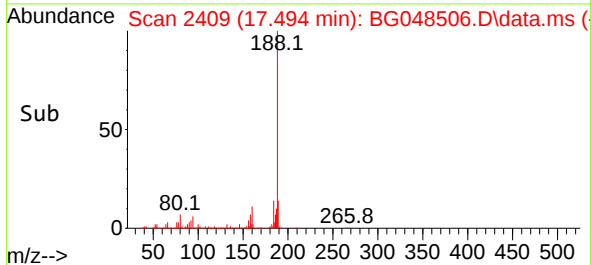
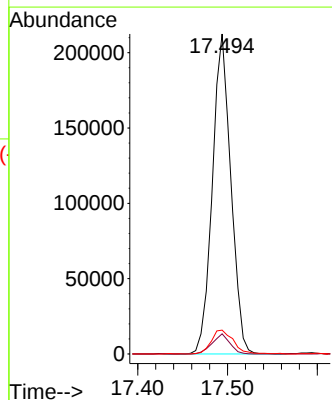
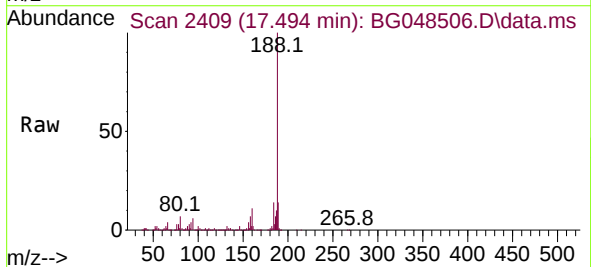
Manual Integrations
APPROVED

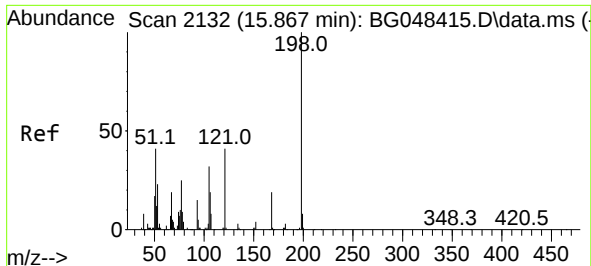
mohammad
3/26/2021 1:20:55 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion: 188	Resp: 303480
Ion Ratio	Lower Upper
188 100	
94 6.3	6.3 9.5
80 7.4	7.0 10.6





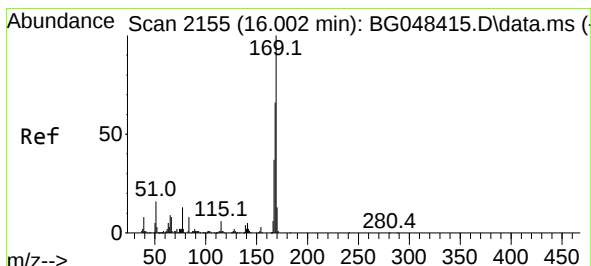
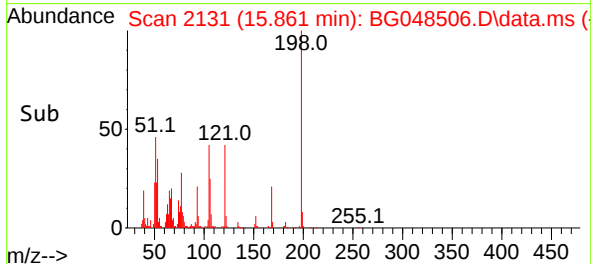
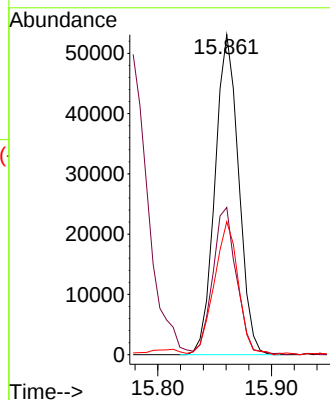
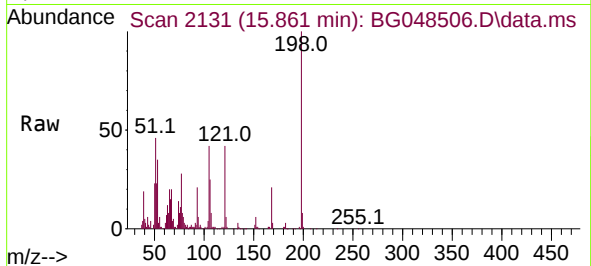
#65
4,6-Dinitro-2-methylphenol
Concen: 40.22 ng
RT: 15.861 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	198	Resp:	76871
Ion Ratio	Lower	Upper	
198	100		
51	46.0	10.4	50.4
105	41.5	12.9	52.9

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

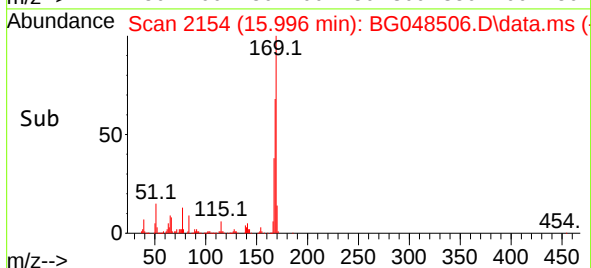
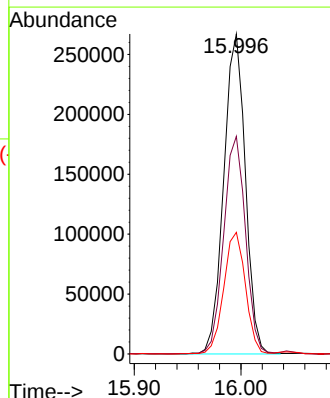
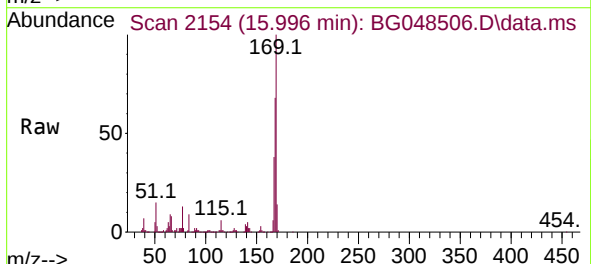
Manual Integrations
APPROVED

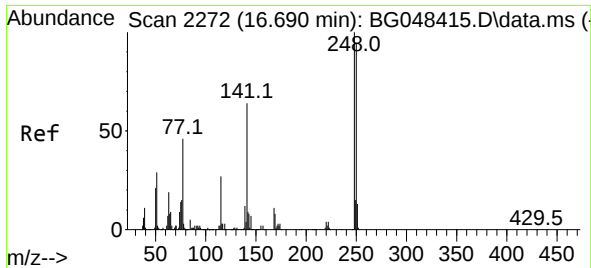
mohammad
3/26/2021 1:20:55 PM



#66
n-Nitrosodiphenylamine
Concen: 42.75 ng
RT: 15.996 min Scan# 2154
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:	169	Resp:	375878
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.5	83.3
167	38.0	30.5	45.7





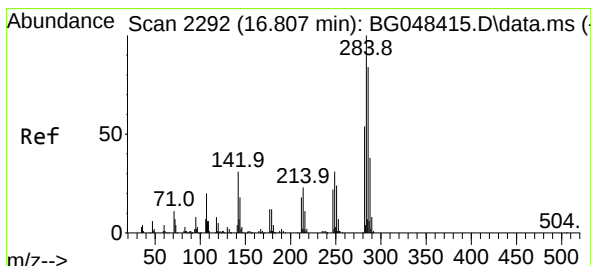
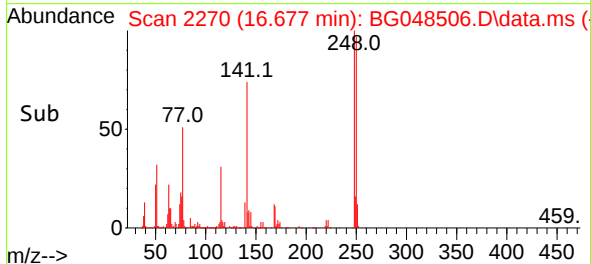
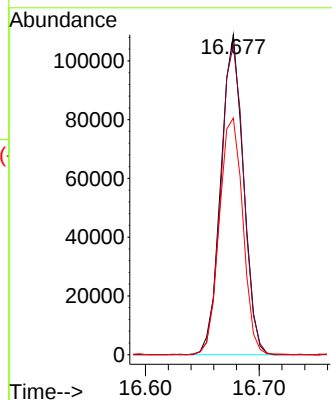
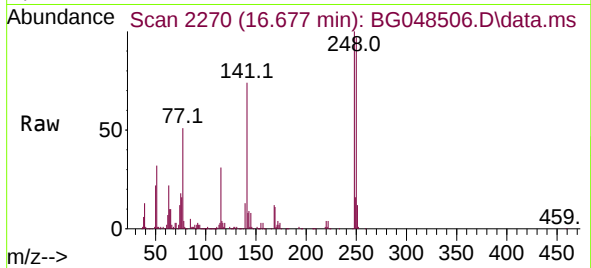
#67
4-Bromophenyl-phenylether
Concen: 39.26 ng
RT: 16.677 min Scan# 2270
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:248 Resp: 150069
Ion Ratio Lower Upper
248 100
250 96.8 78.9 118.3
141 73.9 46.2 69.4#

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

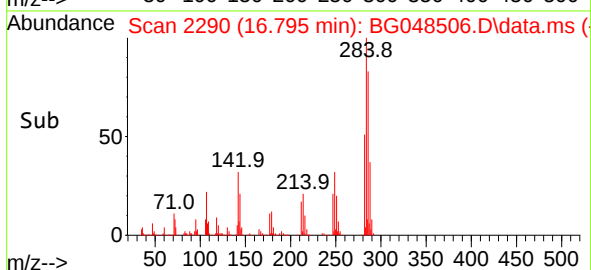
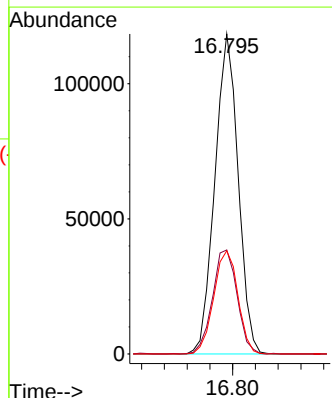
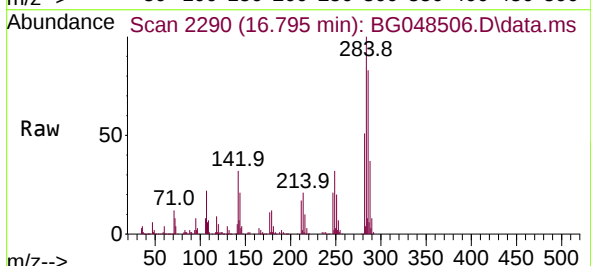
Manual Integrations
APPROVED

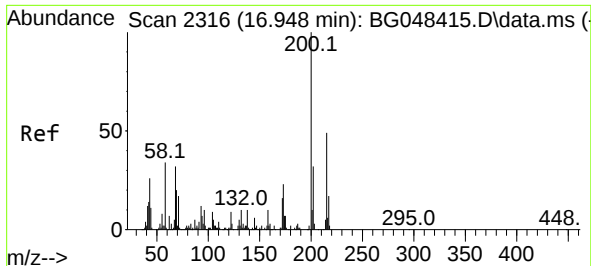
mohammad
3/26/2021 1:20:55 PM



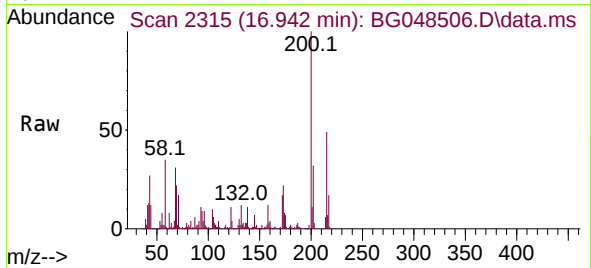
#68
Hexachlorobenzene
Concen: 41.07 ng
RT: 16.795 min Scan# 2290
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:284 Resp: 168204
Ion Ratio Lower Upper
284 100
142 32.5 21.1 31.7#
249 32.2 25.9 38.9

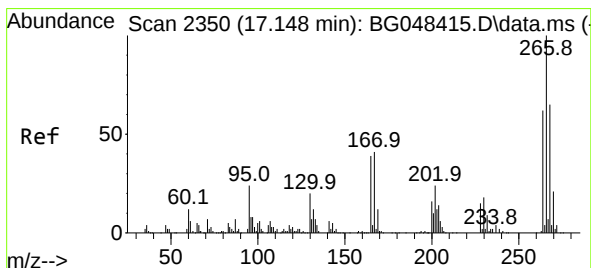
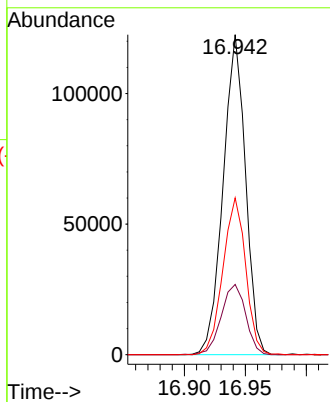
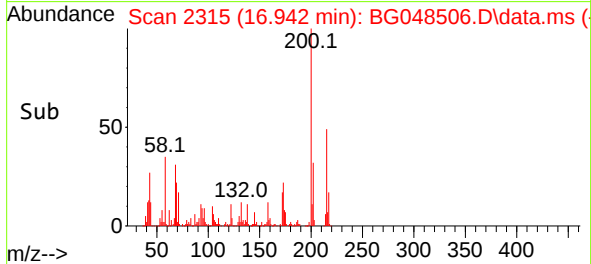




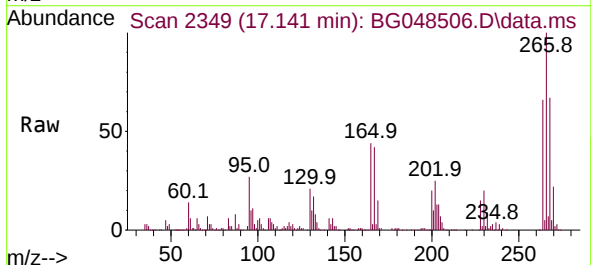
#69
Atrazine
Concen: 44.12 ng
RT: 16.942 min Scan# 2315
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



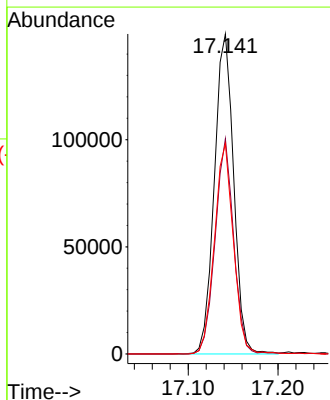
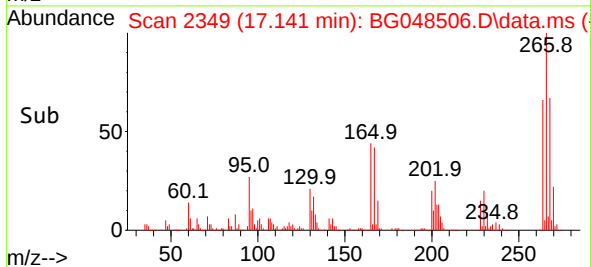
Tgt Ion:200 Resp: 156020
Ion Ratio Lower Upper
200 100
173 21.9 4.2 44.2
215 49.0 30.0 70.0



#70
Pentachlorophenol
Concen: 81.93 ng
RT: 17.141 min Scan# 2349
Delta R.T. 0.002 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



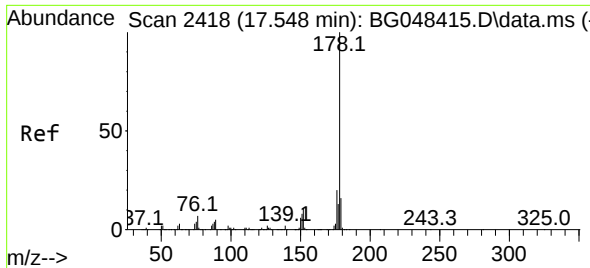
Tgt Ion:266 Resp: 223068
Ion Ratio Lower Upper
266 100
268 67.2 49.8 74.6
264 65.7 49.3 73.9



Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
APPROVED

mohammad
3/26/2021 1:20:55 PM



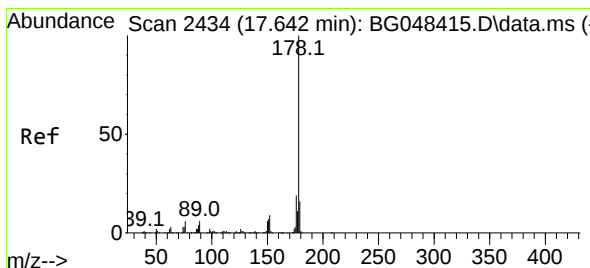
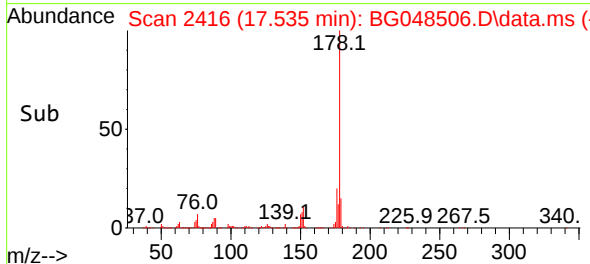
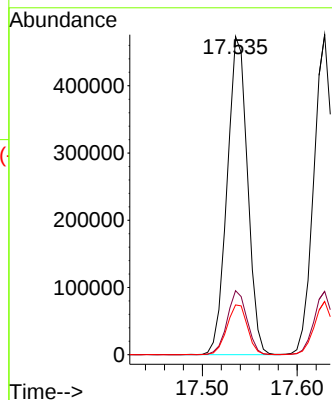
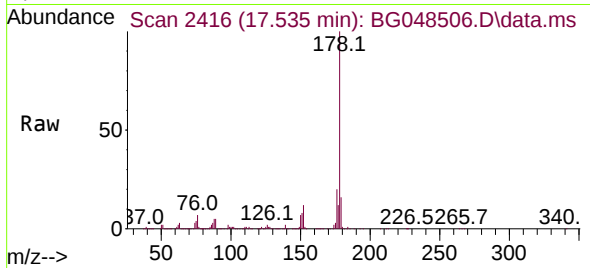
#71
Phenanthrene
Concen: 43.97 ng
RT: 17.535 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:178 Resp: 704873
Ion Ratio Lower Upper
178 100
176 20.1 16.7 25.1
179 15.6 14.0 21.0

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

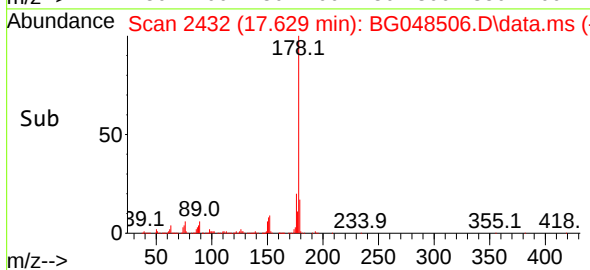
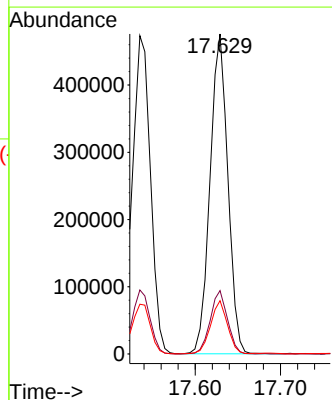
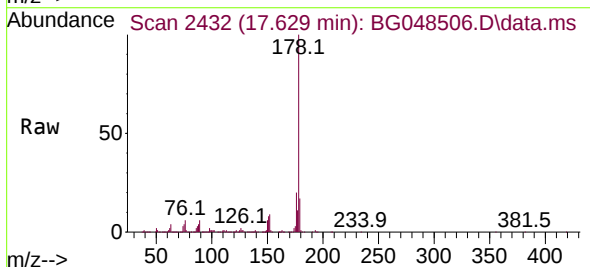
Manual Integrations
APPROVED

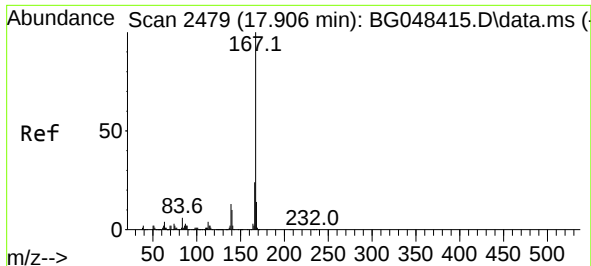
mohammad
3/26/2021 1:20:55 PM



#72
Anthracene
Concen: 43.48 ng
RT: 17.629 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

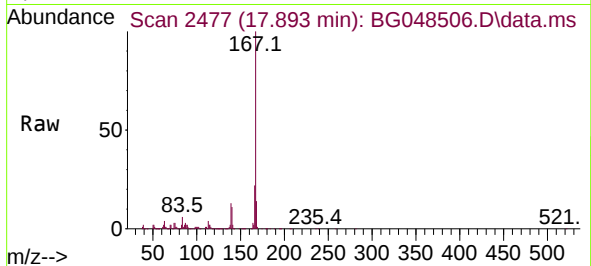
Tgt Ion:178 Resp: 691565
Ion Ratio Lower Upper
178 100
176 19.8 16.4 24.6
179 16.6 13.8 20.6





#73
 Carbazole
 Concen: 41.47 ng
 RT: 17.893 min Scan# 2477
 Delta R.T. -0.004 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

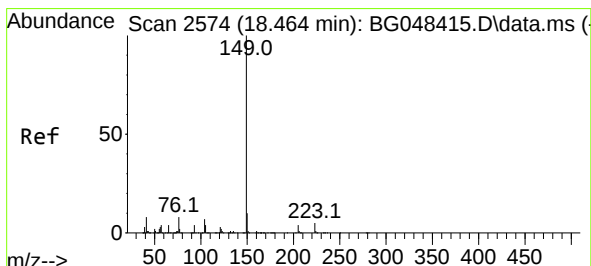
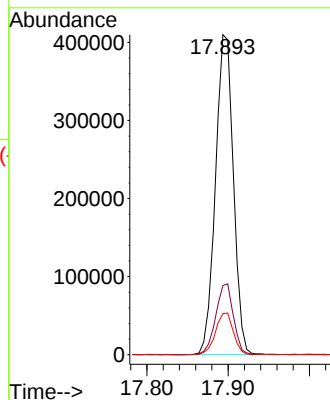
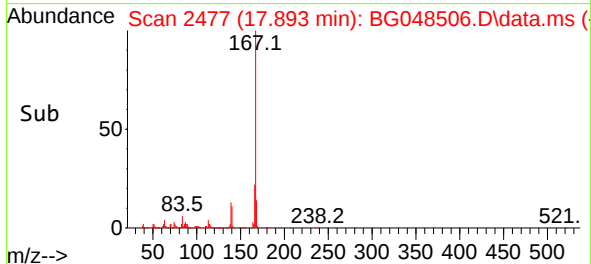
Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD



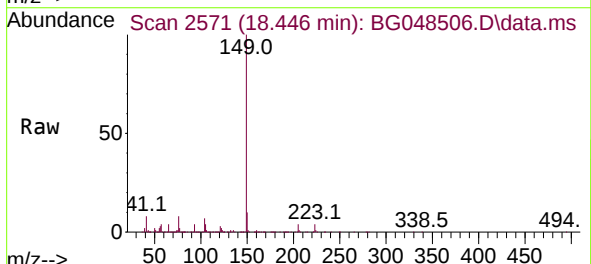
Tgt Ion:167 Resp: 628961
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.7 28.1
 139 12.9 9.6 14.4

Manual Integrations
 APPROVED

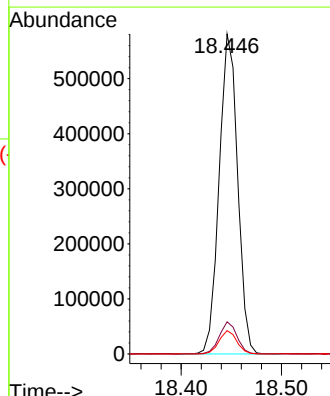
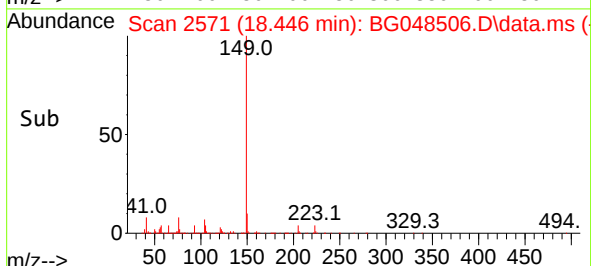
mohammad
 3/26/2021 1:20:55 PM

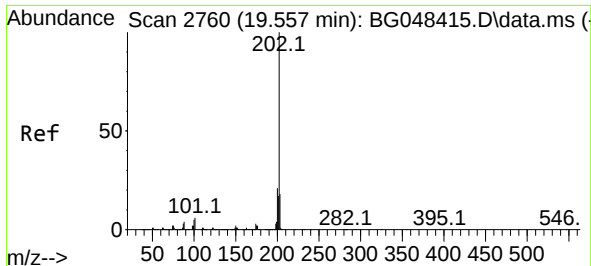


#74
 Di-n-butylphthalate
 Concen: 44.13 ng
 RT: 18.446 min Scan# 2571
 Delta R.T. -0.010 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45



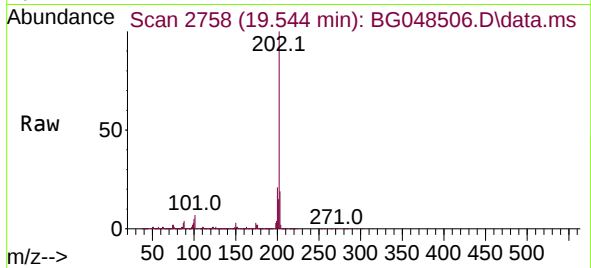
Tgt Ion:149 Resp: 740854
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.2 12.4
 104 7.3 3.8 5.8#





#75
Fluoranthene
Concen: 41.54 ng
RT: 19.544 min Scan# 2758
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

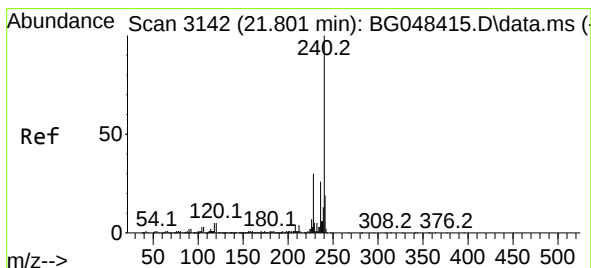
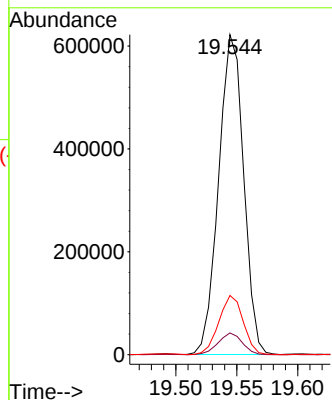
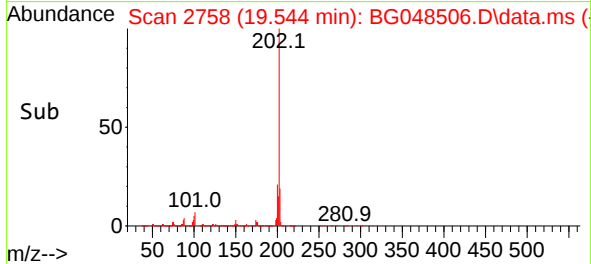
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



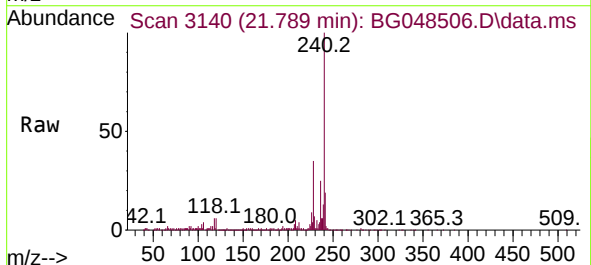
Tgt Ion:202 Resp: 886730
Ion Ratio Lower Upper
202 100
101 6.8 0.0 29.7
203 18.5 0.0 39.2

Manual Integrations
APPROVED

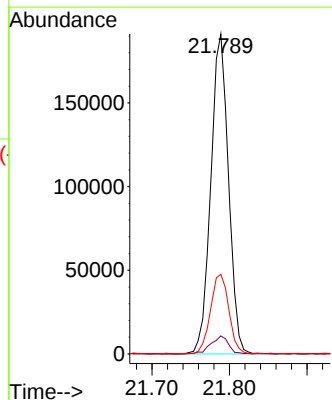
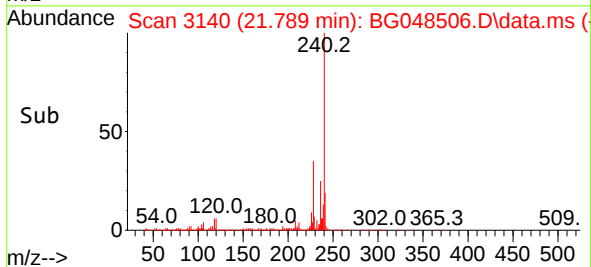
mohammad
3/26/2021 1:20:55 PM

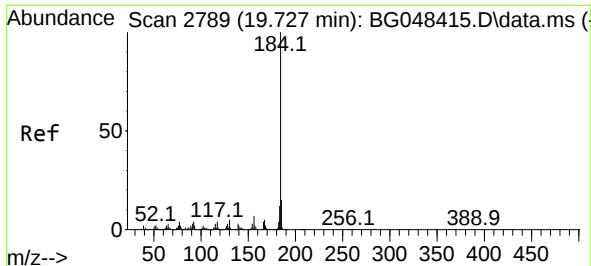


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



Tgt Ion:240 Resp: 303662
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 24.9 20.5 30.7





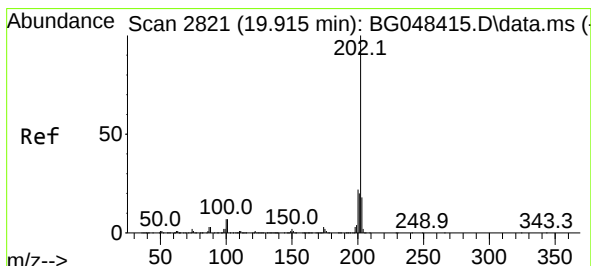
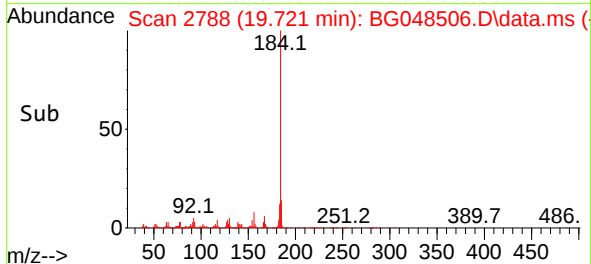
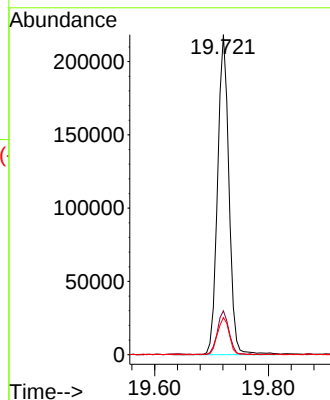
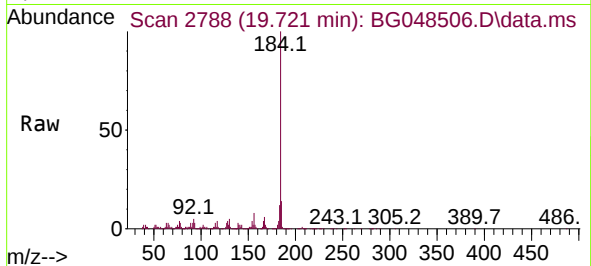
#77
Benzidine
Concen: 33.21 ng
RT: 19.721 min Scan# 2788
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:184 Resp: 302064
Ion Ratio Lower Upper
184 100
185 13.7 12.4 18.6
183 11.6 10.6 15.8

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

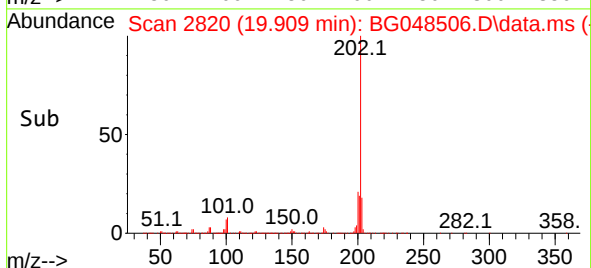
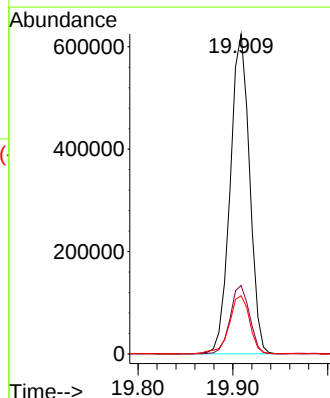
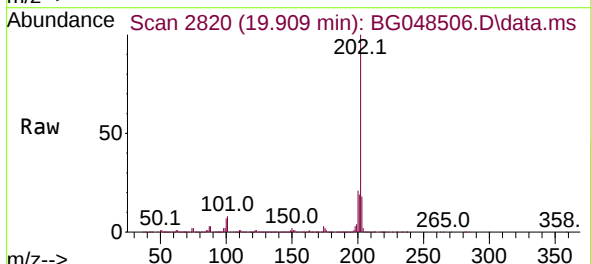
Manual Integrations
APPROVED

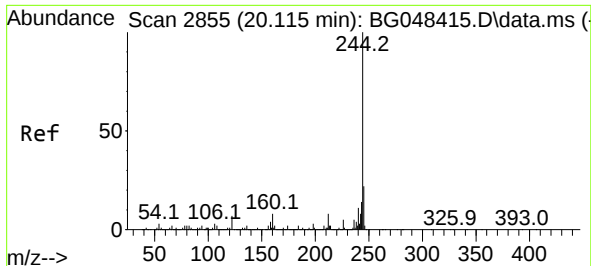
mohammad
3/26/2021 1:20:55 PM



#78
Pyrene
Concen: 42.38 ng
RT: 19.909 min Scan# 2820
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

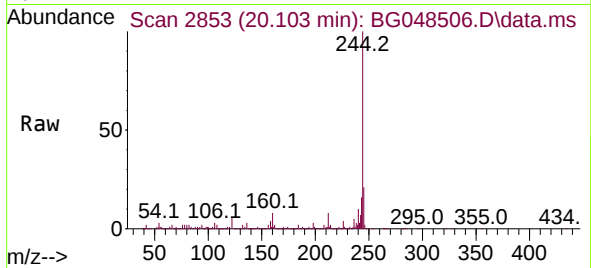
Tgt Ion:202 Resp: 883890
Ion Ratio Lower Upper
202 100
200 21.4 18.6 27.8
203 18.2 15.3 22.9





#79
Terphenyl-d14
Concen: 50.15 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

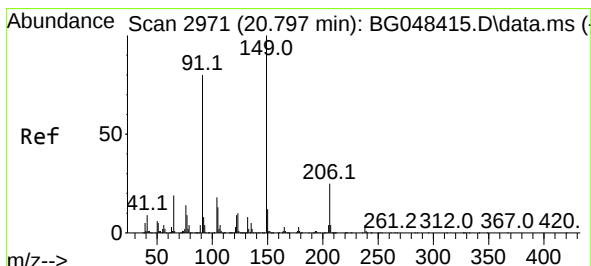
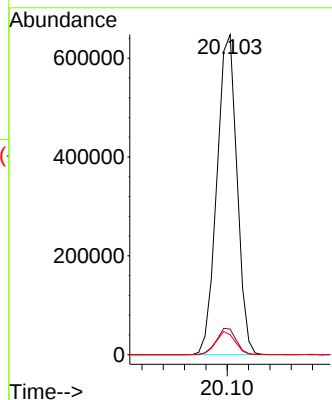
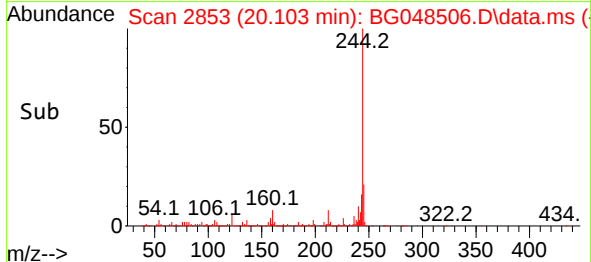
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



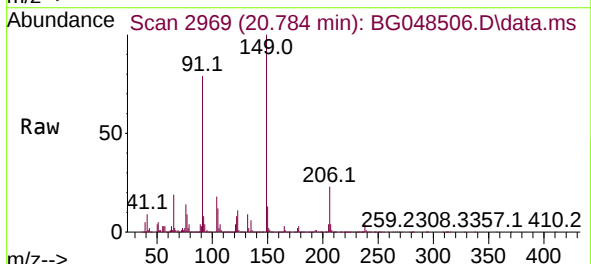
Tgt Ion:244 Resp: 844369
Ion Ratio Lower Upper
244 100
212 8.0 6.7 10.1
122 6.3 7.8 11.6#

Manual Integrations
APPROVED

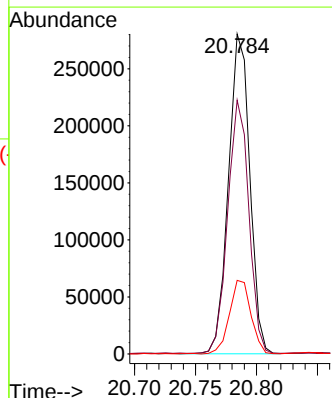
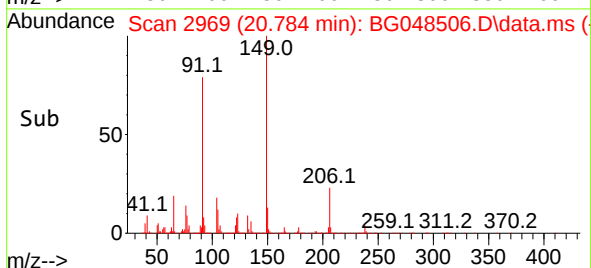
mohammad
3/26/2021 1:20:55 PM

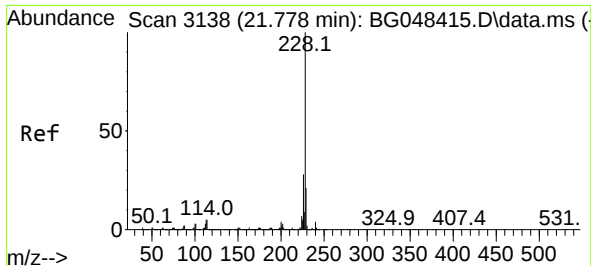


#80
Butylbenzylphthalate
Concen: 46.00 ng
RT: 20.784 min Scan# 2969
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



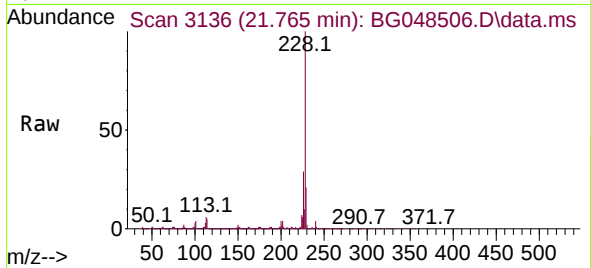
Tgt Ion:149 Resp: 340995
Ion Ratio Lower Upper
149 100
91 79.3 51.5 77.3#
206 23.0 21.2 31.8





#81
Benzo(a)anthracene
Concen: 41.84 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

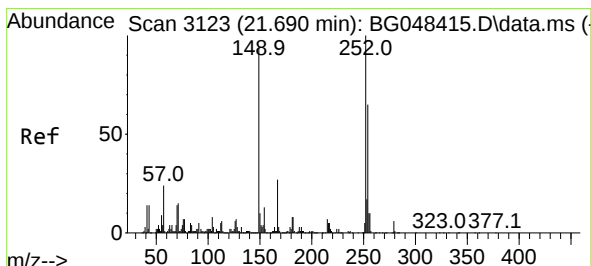
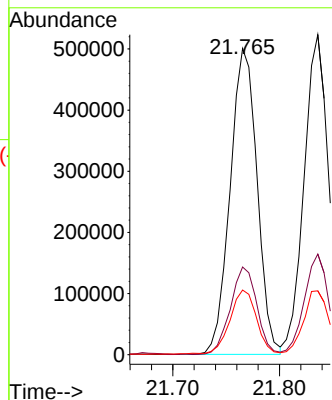
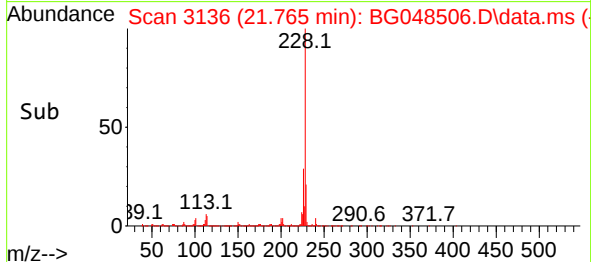
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



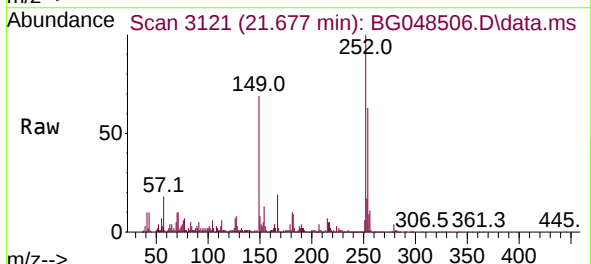
Tgt Ion:228 Resp: 881227
Ion Ratio Lower Upper
228 100
226 28.6 23.3 34.9
229 21.1 17.4 26.0

Manual Integrations
APPROVED

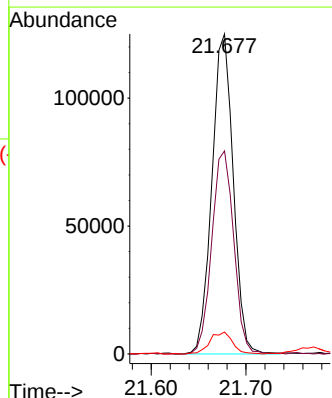
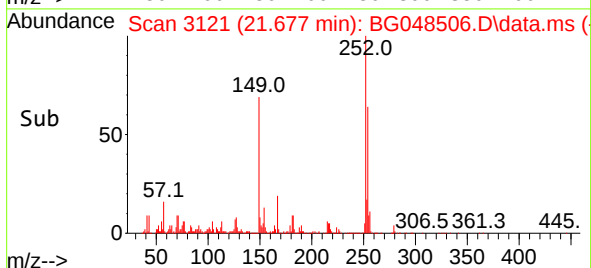
mohammad
3/26/2021 1:20:55 PM

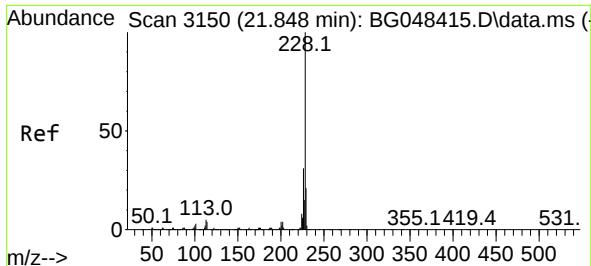


#82
3,3'-Dichlorobenzidine
Concen: 25.73 ng
RT: 21.677 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



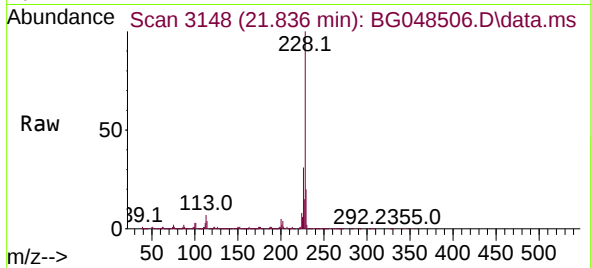
Tgt Ion:252 Resp: 195553
Ion Ratio Lower Upper
252 100
254 63.4 53.2 79.8
126 6.8 6.8 10.2





#83
Chrysene
Concen: 41.35 ng
RT: 21.836 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

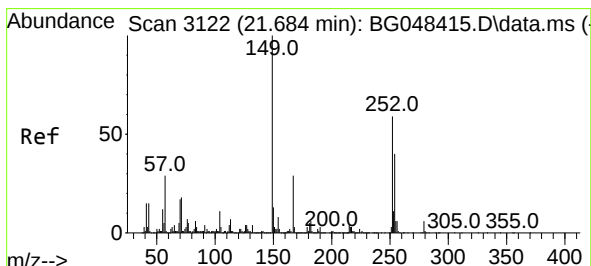
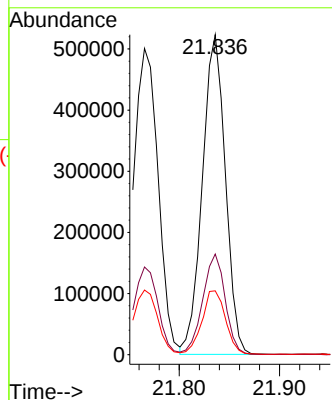
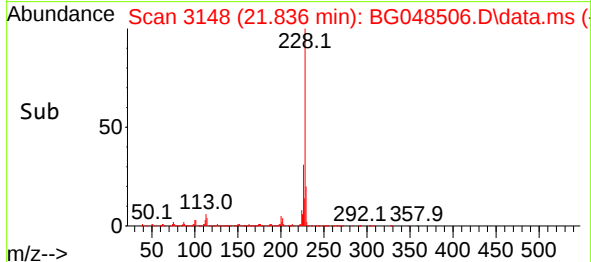
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



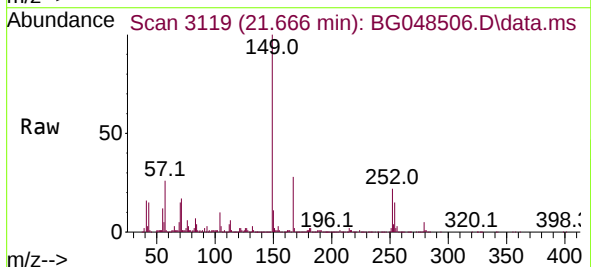
Tgt Ion:228 Resp: 834950
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.4
229 19.9 17.3 25.9

Manual Integrations
APPROVED

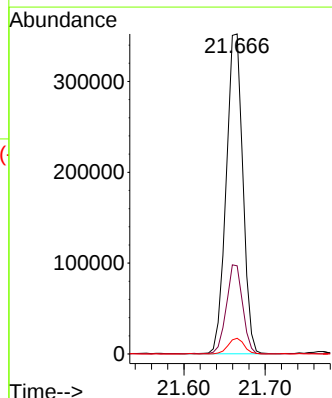
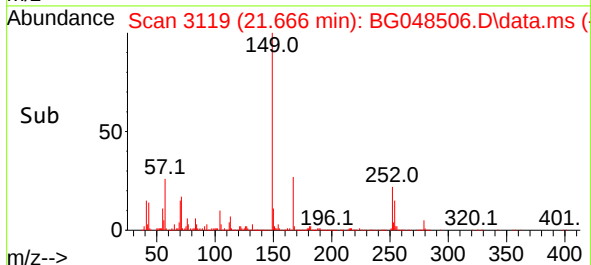
mohammad
3/26/2021 1:20:55 PM

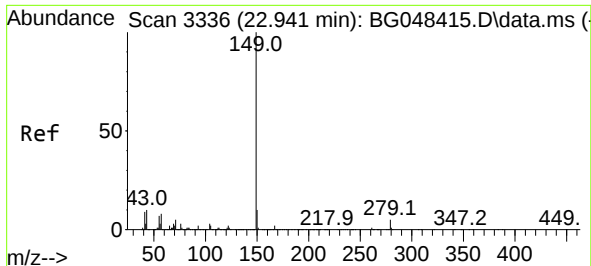


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.87 ng
RT: 21.666 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



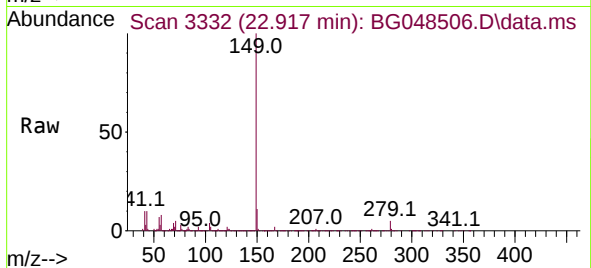
Tgt Ion:149 Resp: 500533
Ion Ratio Lower Upper
149 100
167 27.6 24.8 37.2
279 4.9 4.6 7.0





#85
Di-n-octyl phthalate
Concen: 49.57 ng
RT: 22.917 min Scan# 3332
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

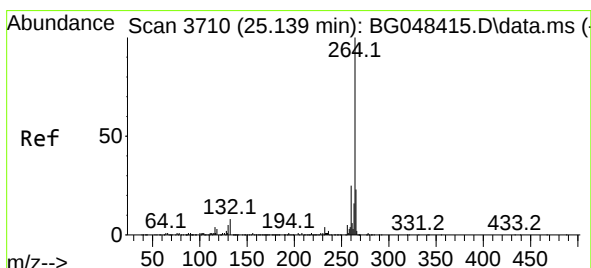
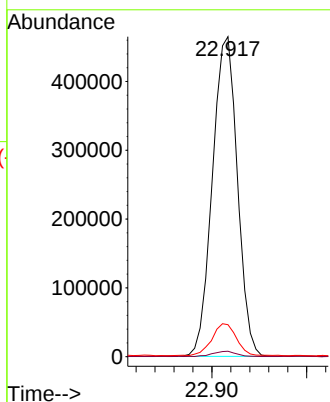
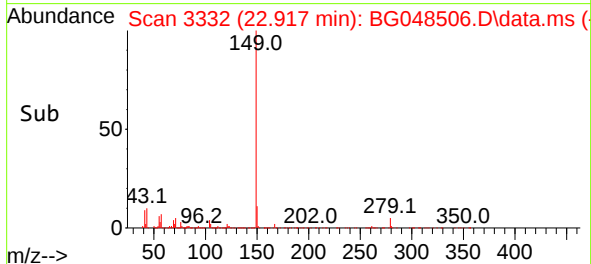
Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD



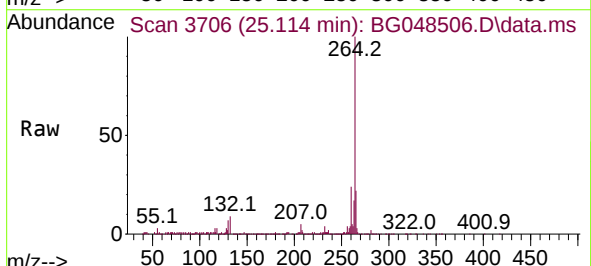
Tgt Ion:149 Resp: 850053
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.2
43 10.0 6.8 10.2

Manual Integrations
APPROVED

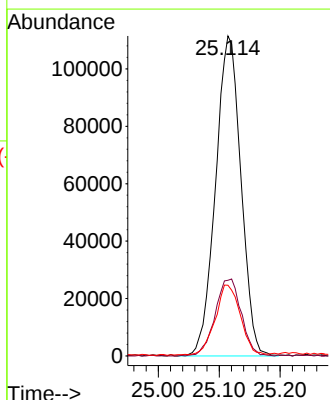
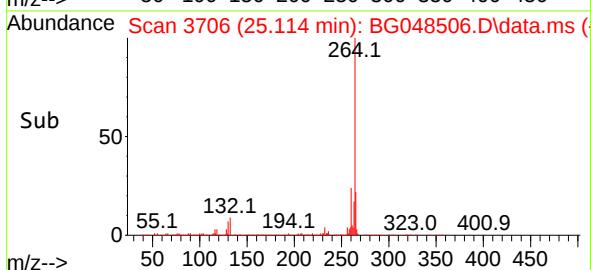
mohammad
3/26/2021 1:20:55 PM

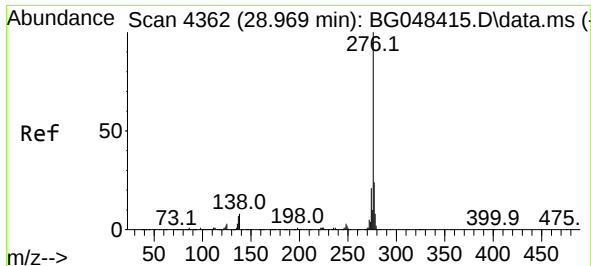


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.114 min Scan# 3706
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45



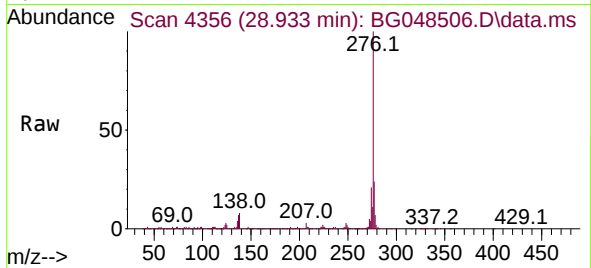
Tgt Ion:264 Resp: 322495
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.1 17.8 26.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.78 ng
 RT: 28.933 min Scan# 4356
 Delta R.T. -0.015 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45

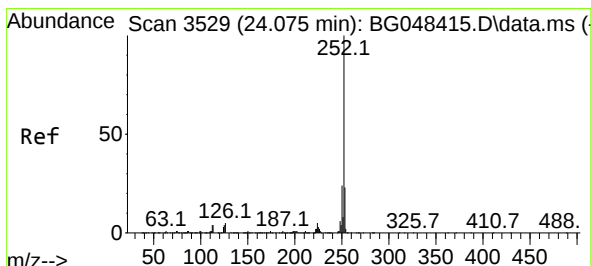
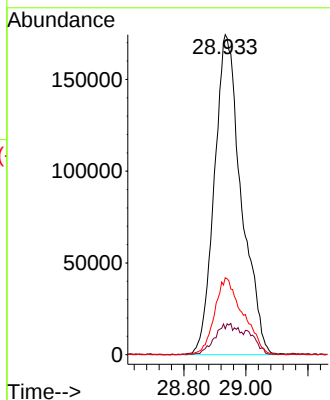
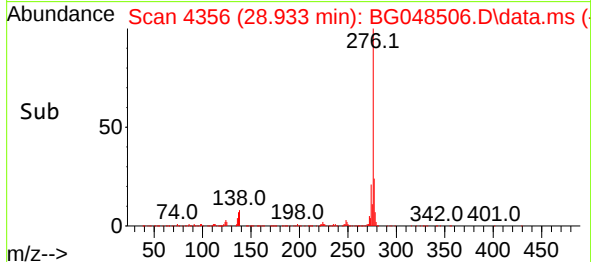
Instrument :
 BNA_G
 ClientSampleId :
 SP-MANHOLEMSD



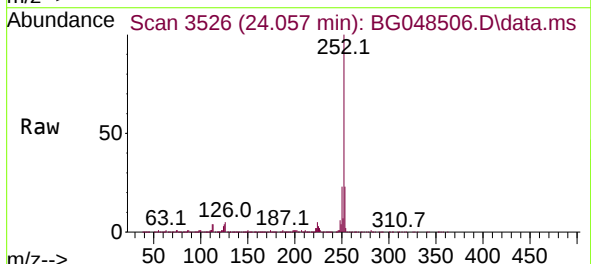
Tgt Ion:276 Resp: 1052164
 Ion Ratio Lower Upper
 276 100
 138 4.2 16.2 24.2#
 277 25.3 20.3 30.5

Manual Integrations
 APPROVED

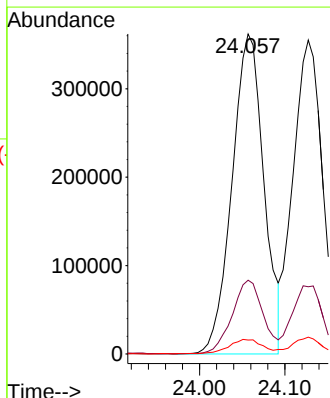
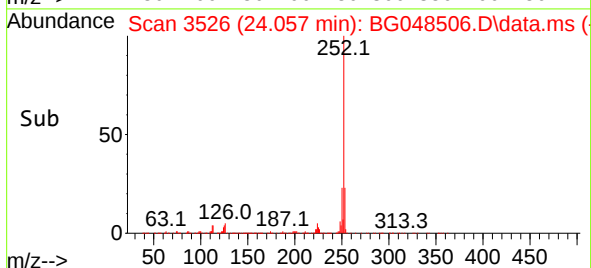
mohammad
 3/26/2021 1:20:55 PM

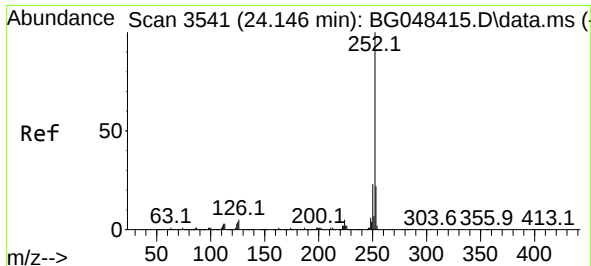


#88
 Benzo(b)fluoranthene
 Concen: 41.35 ng
 RT: 24.057 min Scan# 3526
 Delta R.T. -0.004 min
 Lab File: BG048506.D
 Acq: 25 Mar 2021 17:45



Tgt Ion:252 Resp: 939594
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.7 28.1
 125 4.4 6.5 9.7#





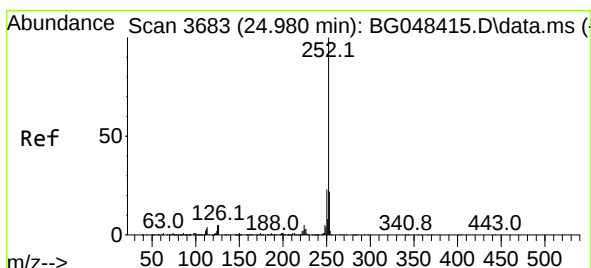
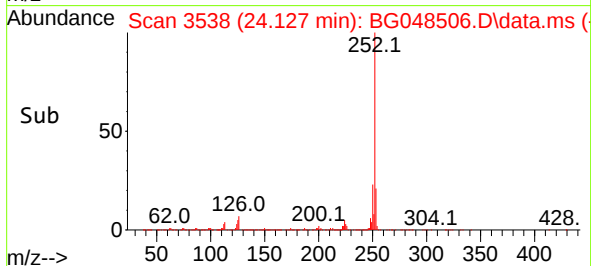
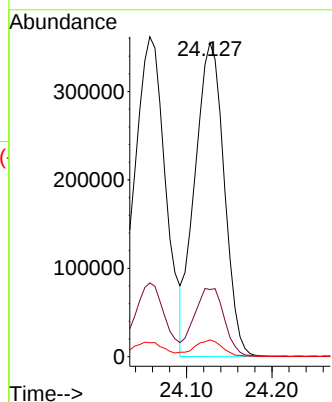
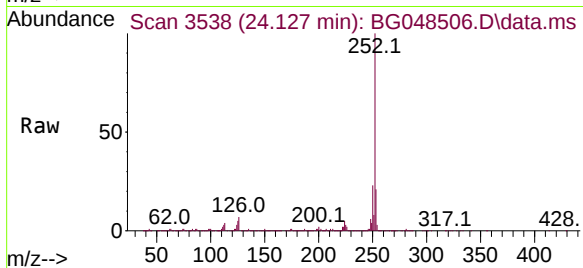
#89
Benzo(k)fluoranthene
Concen: 39.37 ng
RT: 24.127 min Scan# 3538
Delta R.T. -0.004 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Tgt Ion:252 Resp: 844130
Ion Ratio Lower Upper
252 100
253 21.4 18.6 27.8
125 5.4 6.8 10.2#

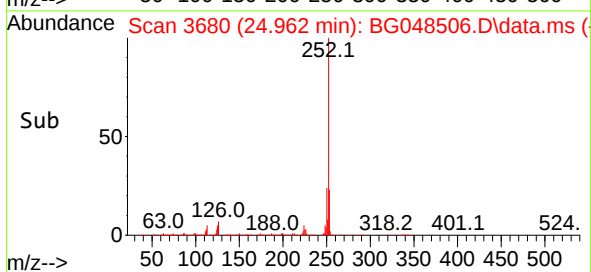
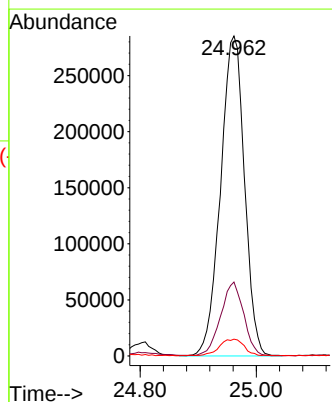
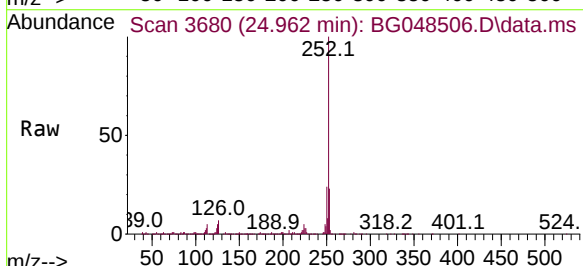
Manual Integrations
APPROVED

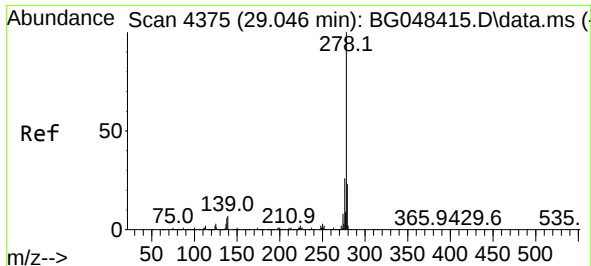
mohammad
3/26/2021 1:20:55 PM



#90
Benzo(a)pyrene
Concen: 39.35 ng m
RT: 24.962 min Scan# 3680
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:252 Resp: 815436
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 5.2 7.0 10.4#





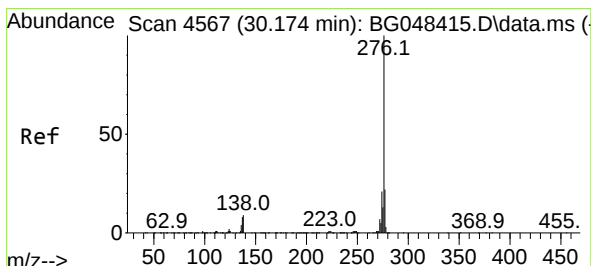
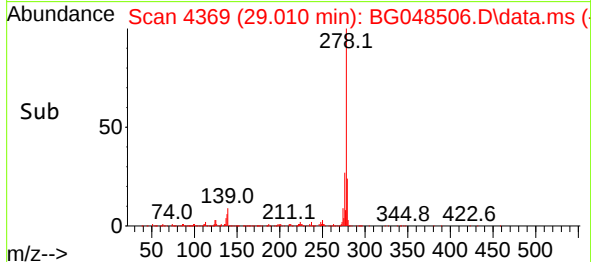
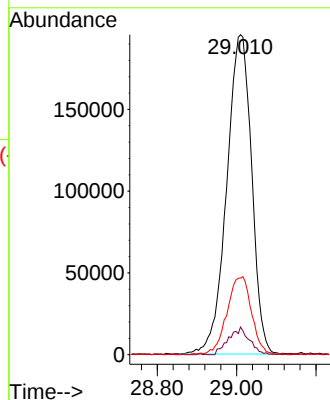
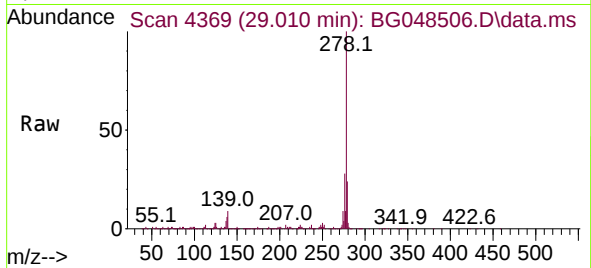
#91
Dibenzo(a,h)anthracene
Concen: 40.63 ng
RT: 29.010 min Scan# 4369
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:278 Resp: 852503
Ion Ratio Lower Upper
278 100
139 8.6 10.5 15.7#
279 24.0 19.4 29.0

Instrument :
BNA_G
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
APPROVED

mohammad
3/26/2021 1:20:55 PM



#92
Benzo(g,h,i)perylene
Concen: 42.14 ng
RT: 30.138 min Scan# 4561
Delta R.T. -0.010 min
Lab File: BG048506.D
Acq: 25 Mar 2021 17:45

Tgt Ion:276 Resp: 857794
Ion Ratio Lower Upper
276 100
277 23.8 19.6 29.4
138 10.7 13.4 20.2#

