

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
 Data File : BG048532.D
 Acq On : 31 Mar 2021 17:59
 Operator : CG/JU
 Sample : M1458-08
 Misc : LOQ-WTR-5PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

Manual Integrations
 APPROVED

mohammad
 4/1/2021 10:50:47 AM

Quant Time: Mar 31 18:34:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:41:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	18526	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	74502	20.00	ng	# 0.00
39) Acenaphthene-d10	14.751	164	52947	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	130886	20.00	ng	# 0.00
76) Chrysene-d12	21.796	240	135839	20.00	ng	0.00
86) Perylene-d12	25.139	264	131540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	105546	100.58	ng	0.00
7) Phenol-d6	7.242	99	145136	95.37	ng	0.00
23) Nitrobenzene-d5	9.269	82	126205	82.01	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	72076	103.56	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	309574	86.90	ng	0.00
79) Terphenyl-d14	20.109	244	612048	82.40	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	2146	5.08	ng	92
3) Pyridine	3.934	79	6301	5.95	ng	96
4) n-Nitrosodimethylamine	3.828	42	3741	5.41	ng	# 81
6) Aniline	7.412	93	10215	5.84	ng	# 89
8) 2-Chlorophenol	7.659	128	6092	5.14	ng	96
9) Benzaldehyde	7.230	77	6543	6.73	ng	83
10) Phenol	7.271	94	7756	5.09	ng	84
11) bis(2-Chloroethyl)ether	7.506	93	6116	5.79	ng	89
12) 1,3-Dichlorobenzene	7.988	146	7621m	5.70	ng	
13) 1,4-Dichlorobenzene	8.129	146	8294m	6.16	ng	
14) 1,2-Dichlorobenzene	8.458	146	7324	5.68	ng	# 85
15) Benzyl Alcohol	8.329	79	6821	5.47	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.623	45	5914	5.80	ng	97
17) 2-Methylphenol	8.535	107	5465	5.54	ng	89
18) Hexachloroethane	9.193	117	3208	6.41	ng	# 86
19) n-Nitroso-di-n-propyla...	8.899	70	6658	6.35	ng	# 74
20) 3+4-Methylphenols	8.858	107	7295	5.33	ng	95
22) Acetophenone	8.922	105	11178	5.82	ng	# 90
24) Nitrobenzene	9.304	77	9610m	6.36	ng	
25) Isophorone	9.833	82	15715	5.53	ng	96
26) 2-Nitrophenol	10.021	139	3920	5.65	ng	# 67
27) 2,4-Dimethylphenol	10.080	122	6036	5.53	ng	92
28) bis(2-Chloroethoxy)met...	10.315	93	8486	6.51	ng	# 96
29) 2,4-Dichlorophenol	10.562	162	7024	5.68	ng	83
30) 1,2,4-Trichlorobenzene	10.779	180	7933	5.58	ng	96
31) Naphthalene	10.973	128	22415	5.85	ng	# 92
32) Benzoic acid	10.139	122	2050m	2.44	ng	
33) 4-Chloroaniline	11.073	127	9649	5.97	ng	# 88
34) Hexachlorobutadiene	11.261	225	5789	5.58	ng	94
35) Caprolactam	11.825	113	2376	5.27	ng	# 65
36) 4-Chloro-3-methylphenol	12.195	107	7297	5.26	ng	94
37) 2-Methylnaphthalene	12.577	142	16520	5.42	ng	89
38) 1-Methylnaphthalene	12.794	142	15958	5.49	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.941	216	9027	5.50	ng	95
41) Hexachlorocyclopentadiene	12.918	237	6637	6.98	ng	81
43) 2,4,6-Trichlorophenol	13.182	196	6698	5.94	ng	# 95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
 Data File : BG048532.D
 Acq On : 31 Mar 2021 17:59
 Operator : CG/JU
 Sample : M1458-08
 Misc : LOQ-WTR-5PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

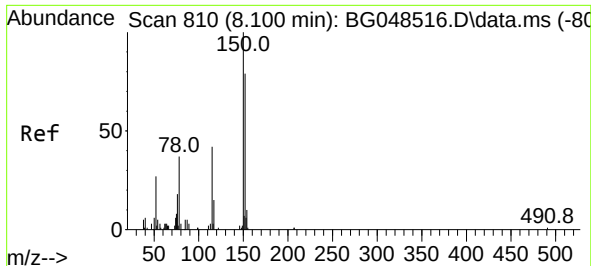
Manual Integrations
 APPROVED

mohammad
 4/1/2021 10:50:47 AM

Quant Time: Mar 31 18:34:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:41:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.247	196	6208	5.14	ng	#	65
46) 1,1'-Biphenyl	13.582	154	23146	5.98	ng		92
47) 2-Chloronaphthalene	13.629	162	16873	5.72	ng		94
48) 2-Nitroaniline	13.823	65	5127	5.47	ng	#	81
49) Acenaphthylene	14.469	152	28134	6.09	ng		98
50) Dimethylphthalate	14.187	163	24297	6.18	ng	#	94
51) 2,6-Dinitrotoluene	14.310	165	5034	5.60	ng	#	88
52) Acenaphthene	14.816	154	19160	5.73	ng		92
53) 3-Nitroaniline	14.639	138	4981	5.65	ng	#	83
54) 2,4-Dinitrophenol	14.851	184	1708	3.38	ng		84
55) Dibenzofuran	15.145	168	28863	5.91	ng		91
56) 4-Nitrophenol	14.945	139	3376	4.74	ng	#	87
57) 2,4-Dinitrotoluene	15.098	165	6731	5.29	ng	#	90
58) Fluorene	15.791	166	24432	5.98	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.368	232	6458	5.48	ng	#	96
60) Diethylphthalate	15.556	149	25555	6.33	ng		97
61) 4-Chlorophenyl-phenyle...	15.785	204	12794	5.82	ng		95
62) 4-Nitroaniline	15.797	138	5582	6.05	ng		93
63) Azobenzene	16.079	77	22262	5.60	ng		93
65) 4,6-Dinitro-2-methylph...	15.861	198	3709	4.72	ng		96
66) n-Nitrosodiphenylamine	15.996	169	20247	5.44	ng	#	87
67) 4-Bromophenyl-phenylether	16.684	248	8384	5.78	ng		98
68) Hexachlorobenzene	16.801	284	9199	6.07	ng	#	90
69) Atrazine	16.942	200	8437	5.56	ng		96
70) Pentachlorophenol	17.142	266	3716	3.95	ng		97
71) Phenanthrene	17.542	178	42378	6.24	ng		97
72) Anthracene	17.636	178	40993	6.05	ng		100
73) Carbazole	17.900	167	37478	5.84	ng		98
74) Di-n-butylphthalate	18.458	149	42021	5.86	ng	#	95
75) Fluoranthene	19.551	202	48710	5.78	ng		91
77) Benzidine	19.727	184	24238	5.27	ng	#	93
78) Pyrene	19.915	202	51301	5.49	ng		98
80) Butylbenzylphthalate	20.797	149	19126	5.51	ng		98
81) Benzo(a)anthracene	21.778	228	49106	5.41	ng		98
82) 3,3'-Dichlorobenzidine	21.690	252	19994	6.41	ng	#	90
83) Chrysene	21.843	228	47495m	5.48	ng		
84) Bis(2-ethylhexyl)phtha...	21.678	149	26088	5.40	ng	#	99
85) Di-n-octyl phthalate	22.930	149	44632	5.30	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.958	276	54353	5.89	ng	#	76
88) Benzo(b)fluoranthene	24.069	252	50560	5.92	ng		93
89) Benzo(k)fluoranthene	24.140	252	47493	5.78	ng		99
90) Benzo(a)pyrene	24.974	252	43907	5.58	ng	#	89
91) Dibenzo(a,h)anthracene	29.022	278	48119	6.11	ng	#	96
92) Benzo(g,h,i)perylene	30.150	276	45768	5.94	ng		95

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



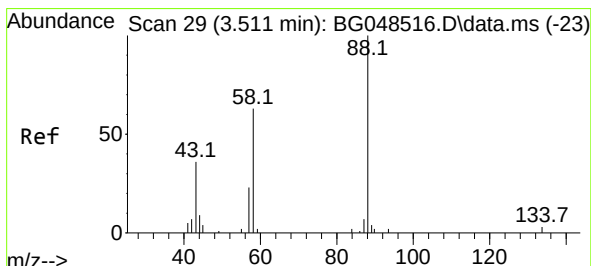
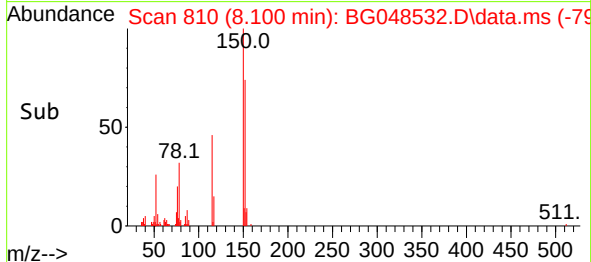
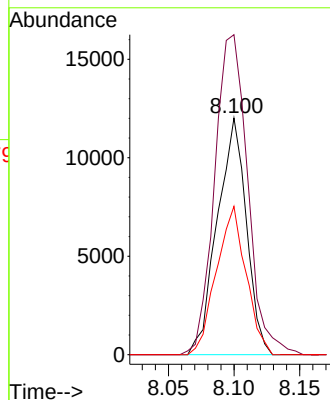
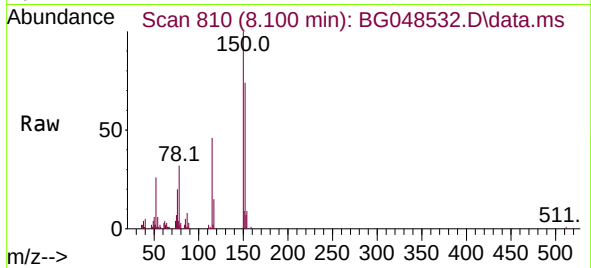
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.100 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.2	101.3	151.9
115	62.7	42.3	63.5

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

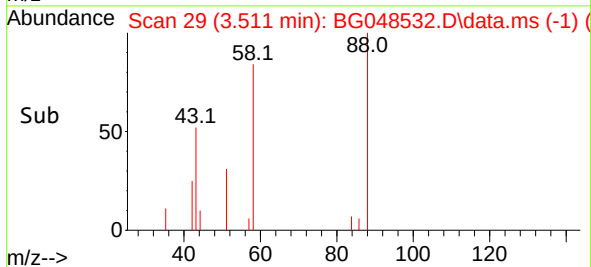
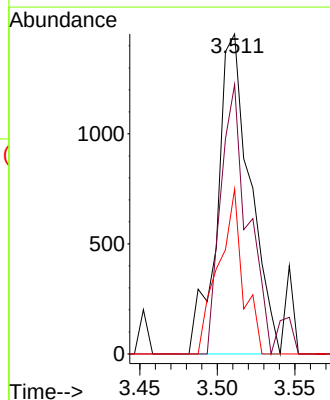
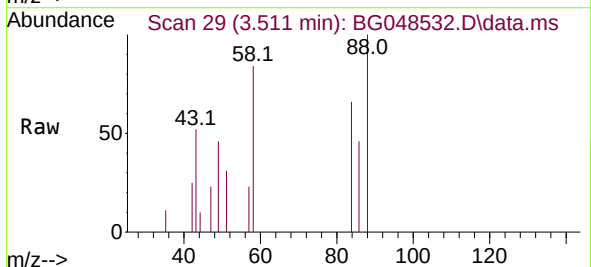
Manual Integrations
APPROVED

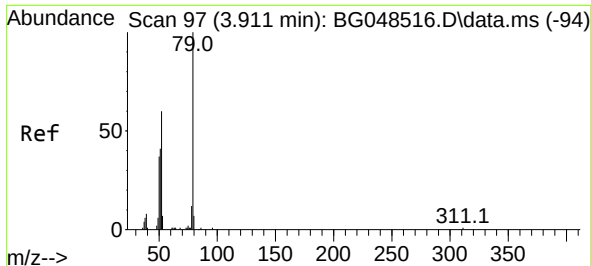
mohammad
4/1/2021 10:50:47 AM



#2
1,4-Dioxane
Concen: 5.08 ng
RT: 3.511 min Scan# 29
Delta R.T. 0.002 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	55.0	82.6
43	38.4	26.2	39.4





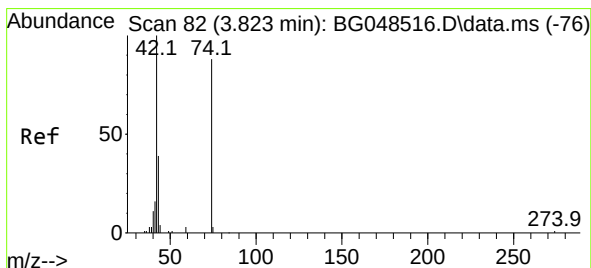
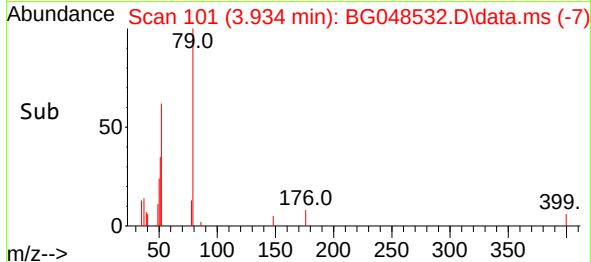
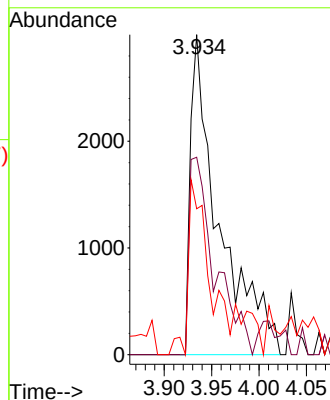
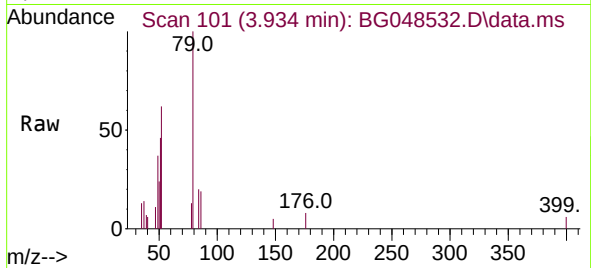
#3
Pyridine
Concen: 5.95 ng
RT: 3.934 min Scan# 101
Delta R.T. 0.020 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 79 Resp: 6301
Ion Ratio Lower Upper
79 100
52 61.7 48.2 72.2
51 45.6 33.2 49.8

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

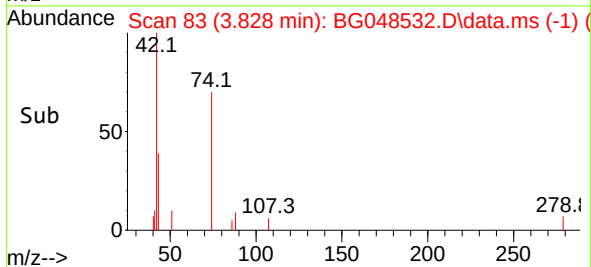
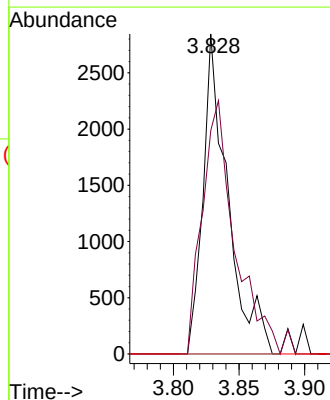
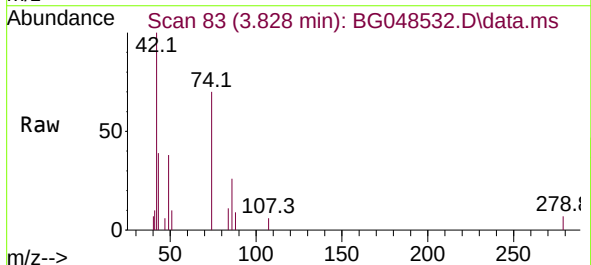
Manual Integrations
APPROVED

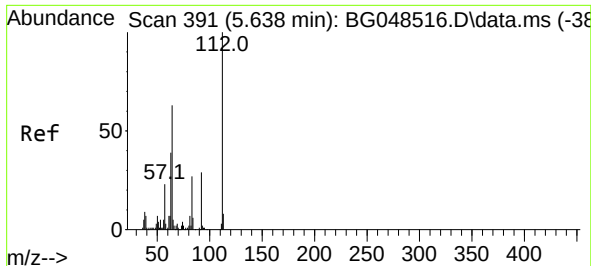
mohammad
4/1/2021 10:50:47 AM



#4
n-Nitrosodimethylamine
Concen: 5.41 ng
RT: 3.828 min Scan# 83
Delta R.T. 0.002 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 42 Resp: 3741
Ion Ratio Lower Upper
42 100
74 69.8 70.6 105.8#
44 0.0 3.5 5.3#





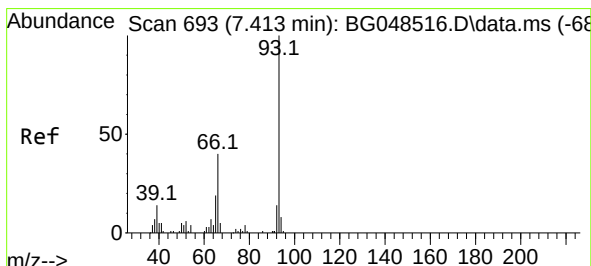
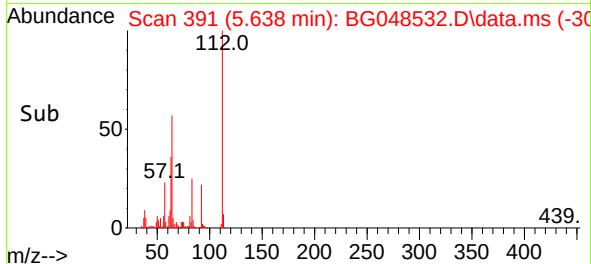
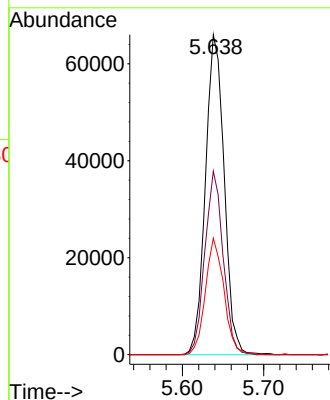
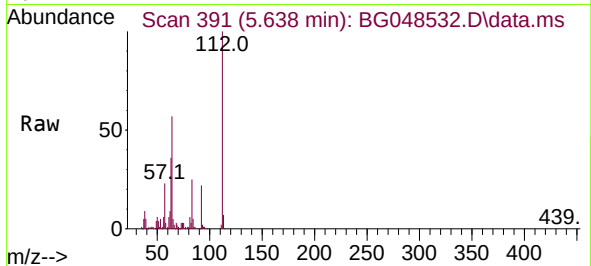
#5
2-Fluorophenol
Concen: 100.58 ng
RT: 5.638 min Scan# 391
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 112 Resp: 105546
Ion Ratio Lower Upper
112 100
64 57.4 50.4 75.6
63 36.4 31.4 47.2

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

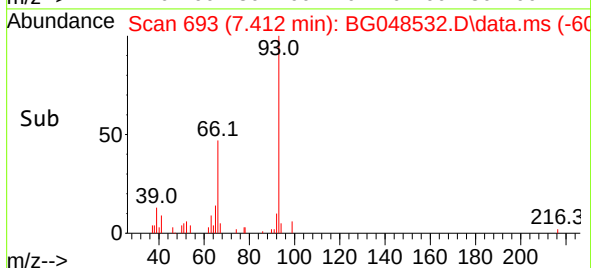
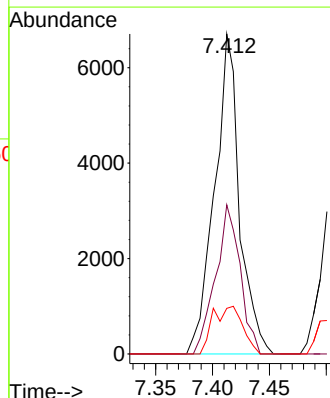
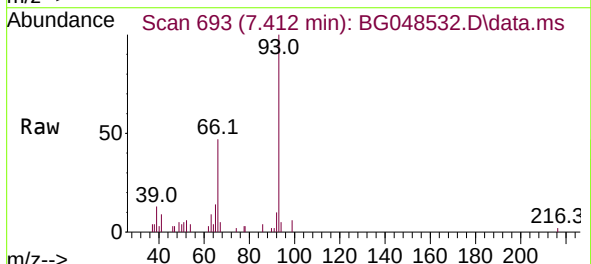
Manual Integrations
APPROVED

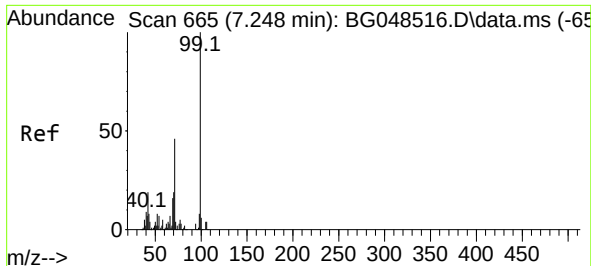
mohammad
4/1/2021 10:50:47 AM



#6
Aniline
Concen: 5.84 ng
RT: 7.412 min Scan# 693
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 93 Resp: 10215
Ion Ratio Lower Upper
93 100
66 46.6 31.8 47.6
65 14.3 15.2 22.8#





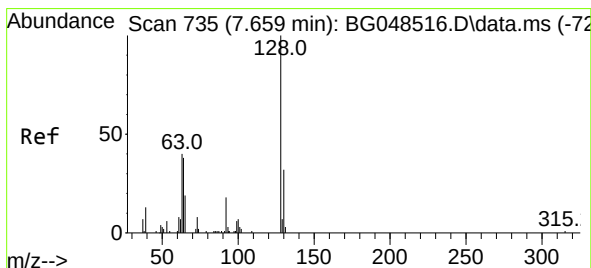
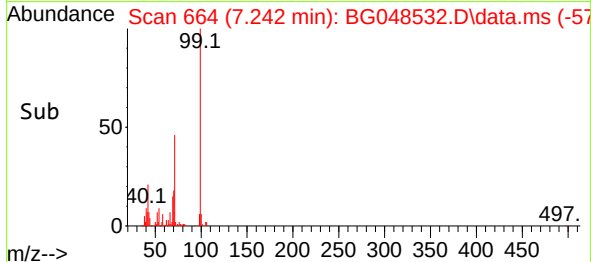
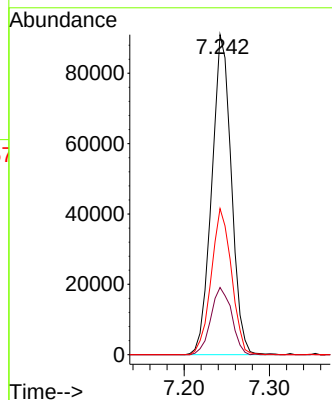
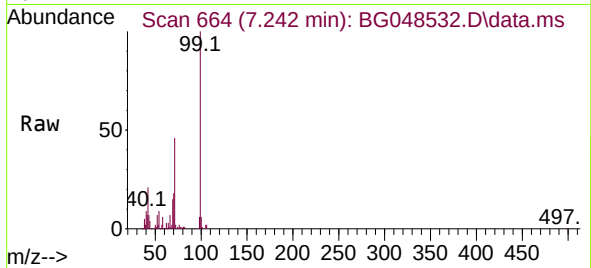
#7
Phenol-d6
Concen: 95.37 ng
RT: 7.242 min Scan# 664
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 99 Resp: 145136
Ion Ratio Lower Upper
99 100
42 21.0 15.5 23.3
71 45.7 36.6 54.8

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

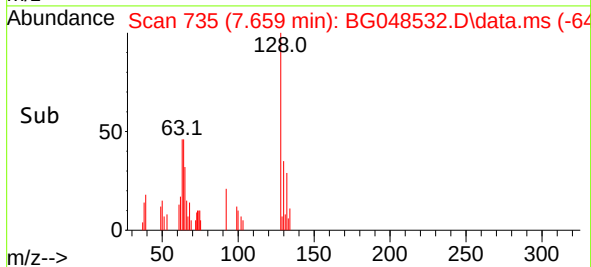
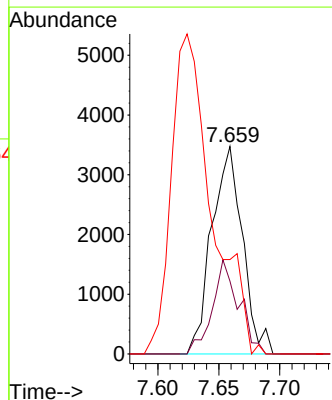
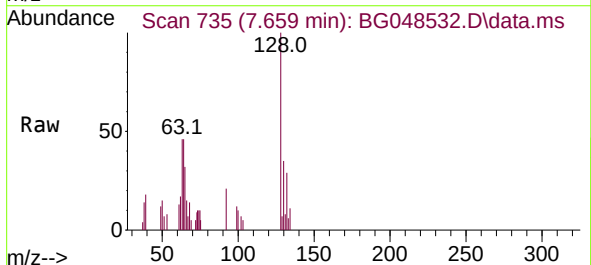
Manual Integrations
APPROVED

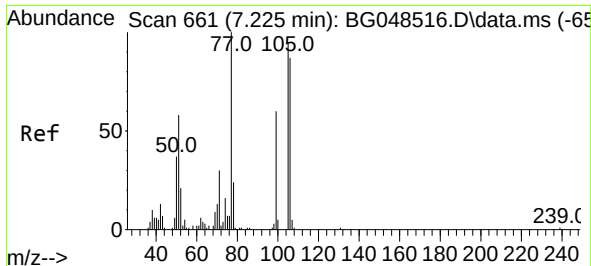
mohammad
4/1/2021 10:50:47 AM



#8
2-Chlorophenol
Concen: 5.14 ng
RT: 7.659 min Scan# 735
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

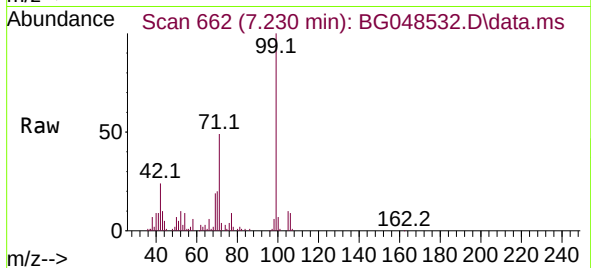
Tgt Ion:128 Resp: 6092
Ion Ratio Lower Upper
128 100
130 35.1 12.4 52.4
64 45.5 27.6 67.6





#9
Benzaldehyde
Concen: 6.73 ng
RT: 7.230 min Scan# 662
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

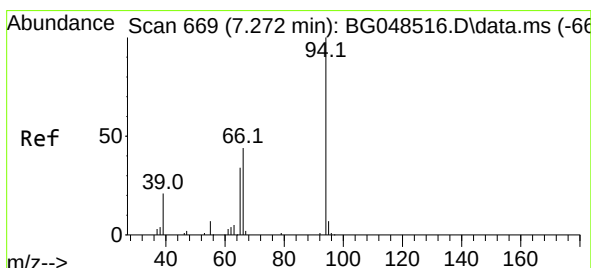
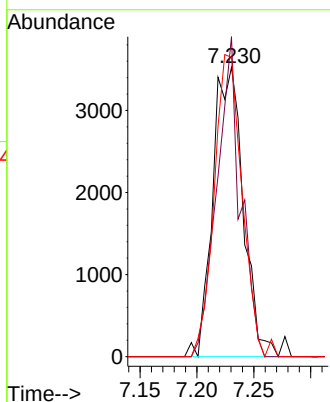
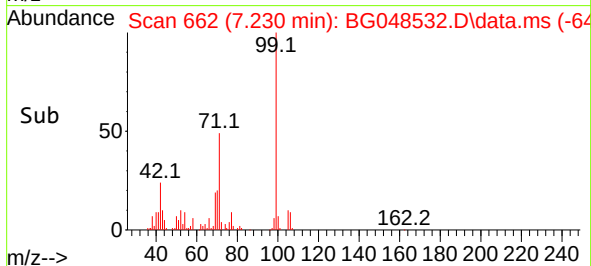
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



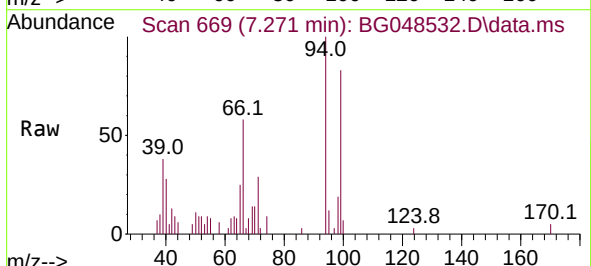
Tgt Ion: 77 Resp: 6543
Ion Ratio Lower Upper
77 100
105 110.6 75.2 115.2
106 103.5 66.5 106.5

Manual Integrations
APPROVED

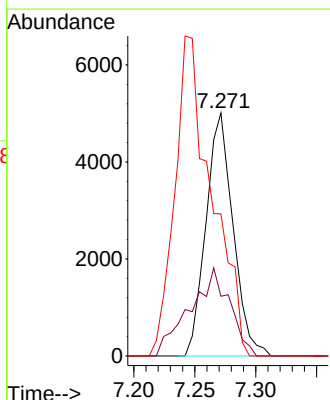
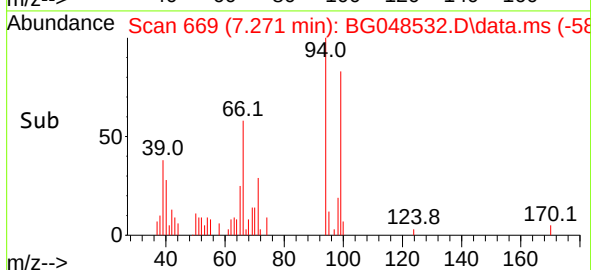
mohammad
4/1/2021 10:50:47 AM

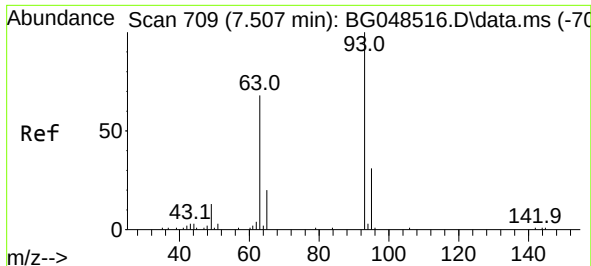


#10
Phenol
Concen: 5.09 ng
RT: 7.271 min Scan# 669
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



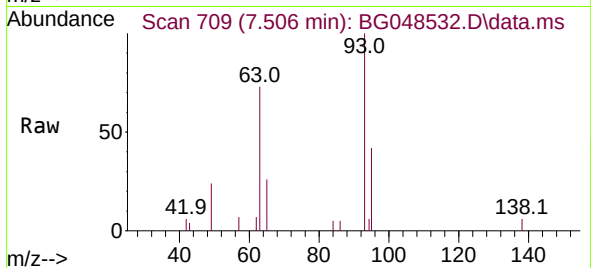
Tgt Ion: 94 Resp: 7756
Ion Ratio Lower Upper
94 100
65 24.5 15.1 55.1
66 58.5 28.9 68.9





#11
bis(2-Chloroethyl)ether
Concen: 5.79 ng
RT: 7.506 min Scan# 709
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

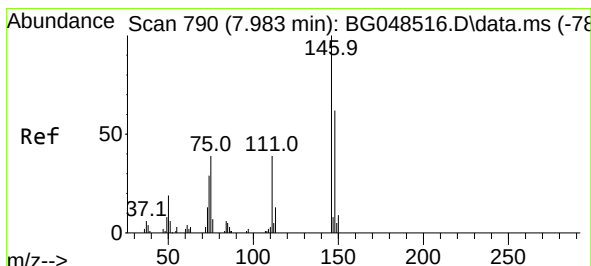
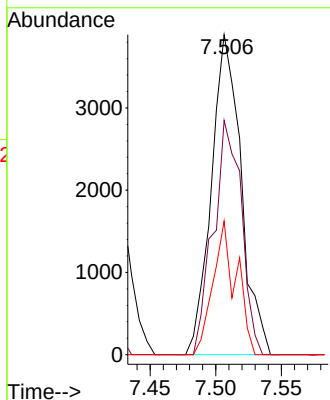
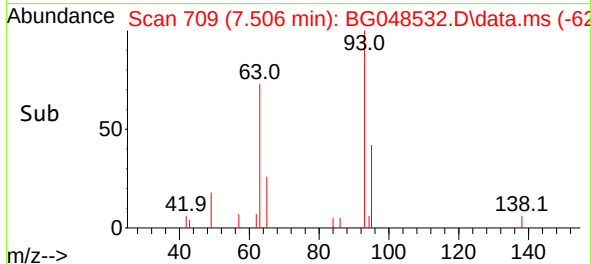
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



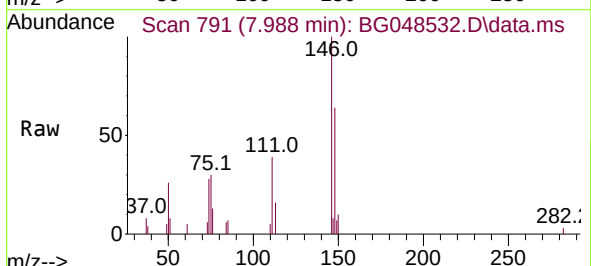
Tgt Ion:	93	Resp:	6116
Ion	Ratio	Lower	Upper
93	100		
63	73.2	47.5	87.5
95	41.8	11.1	51.1

Manual Integrations
APPROVED

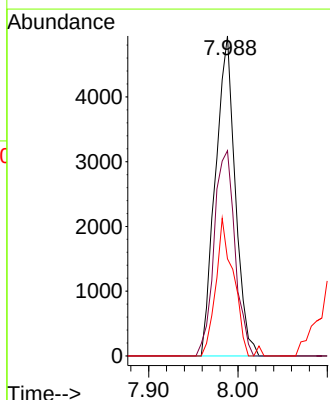
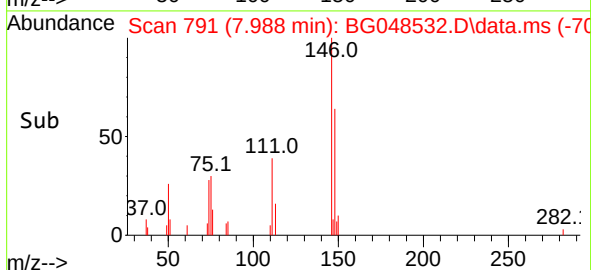
mohammad
4/1/2021 10:50:47 AM

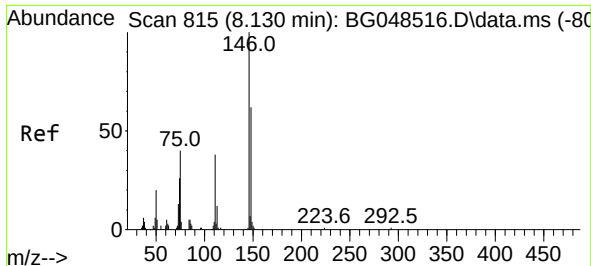


#12
1,3-Dichlorobenzene
Concen: 5.70 ng m
RT: 7.988 min Scan# 791
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



Tgt Ion:	146	Resp:	7621
Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.7	74.5
75	30.4	30.9	46.3





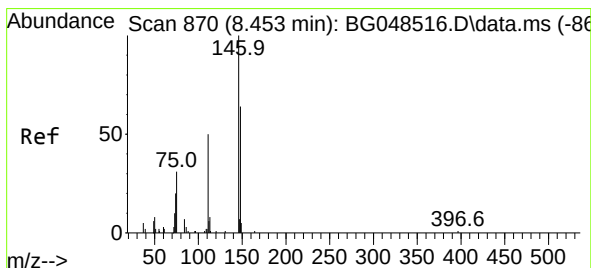
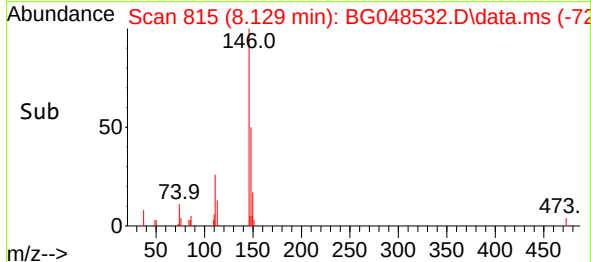
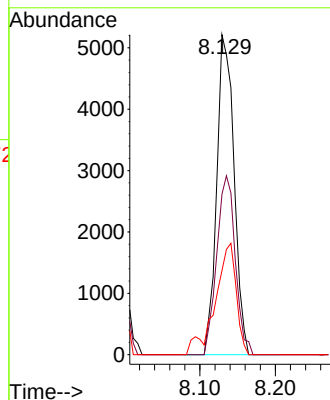
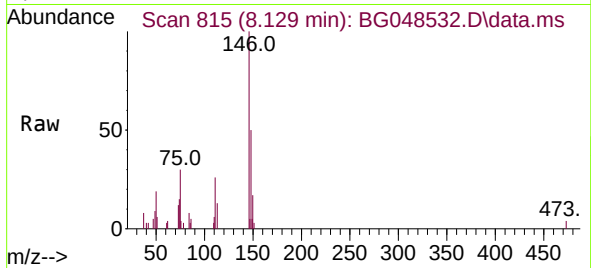
#13
1,4-Dichlorobenzene
Concen: 6.16 ng m
RT: 8.129 min Scan# 815
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	50.1	49.7	74.5
111	26.3	30.5	45.7#

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

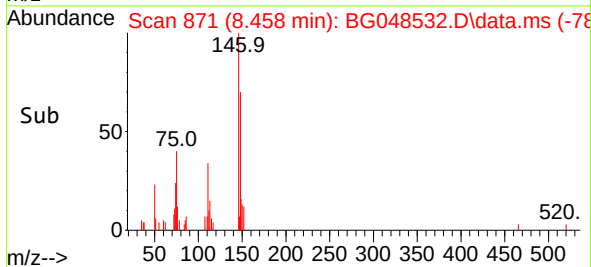
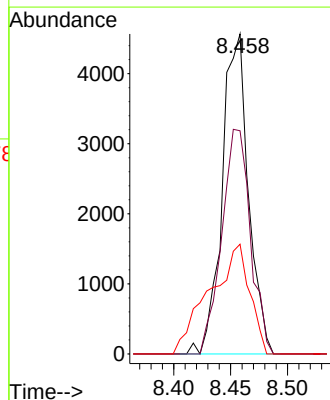
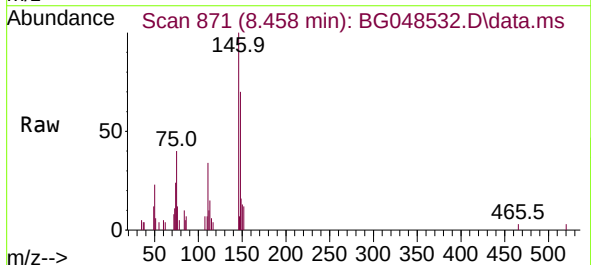
Manual Integrations
APPROVED

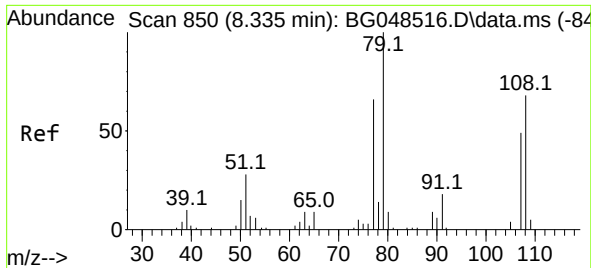
mohammad
4/1/2021 10:50:47 AM



#14
1,2-Dichlorobenzene
Concen: 5.68 ng
RT: 8.458 min Scan# 871
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.8	51.5	77.3
111	34.3	41.8	62.8#





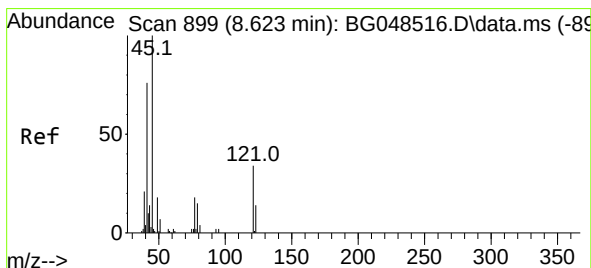
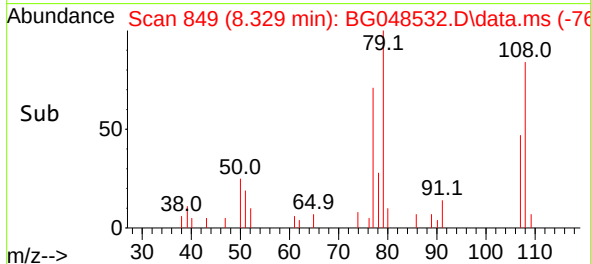
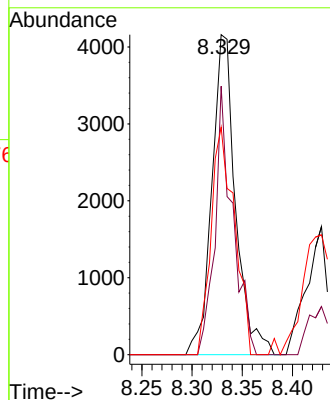
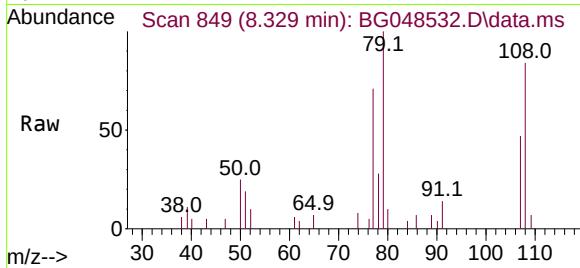
#15
Benzyl Alcohol
Concen: 5.47 ng
RT: 8.329 min Scan# 849
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 79 Resp: 6821
Ion Ratio Lower Upper
79 100
108 83.9 54.1 81.1#
77 71.1 52.6 79.0

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

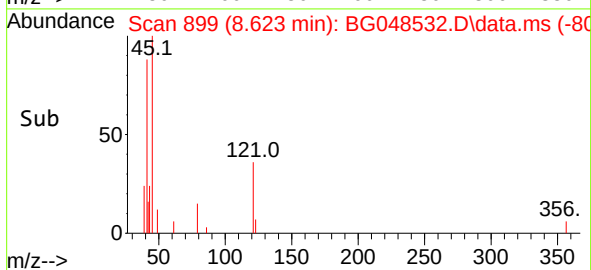
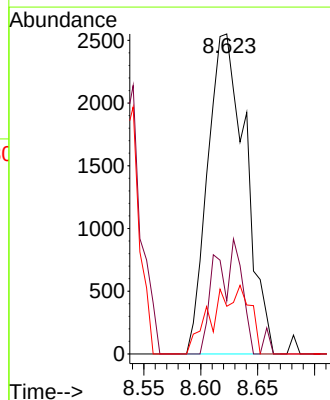
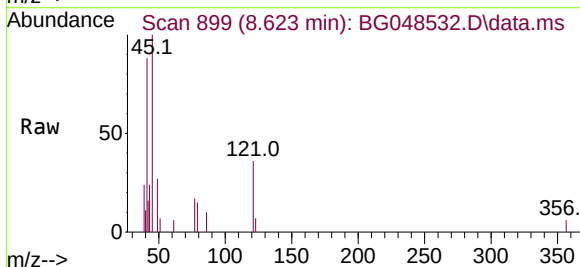
Manual Integrations
APPROVED

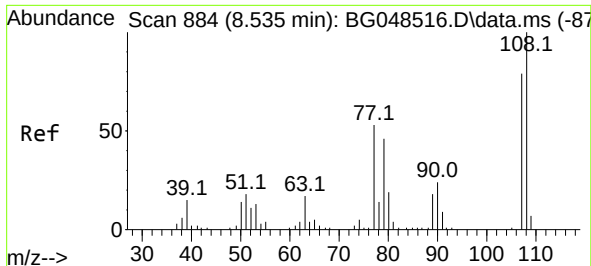
mohammad
4/1/2021 10:50:47 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.80 ng
RT: 8.623 min Scan# 899
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

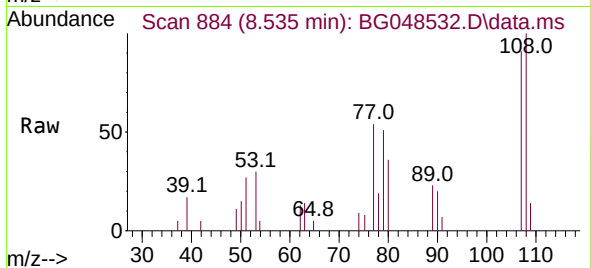
Tgt Ion: 45 Resp: 5914
Ion Ratio Lower Upper
45 100
77 16.5 0.0 38.4
79 14.9 0.0 34.5





#17
2-Methylphenol
Concen: 5.54 ng
RT: 8.535 min Scan# 884
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

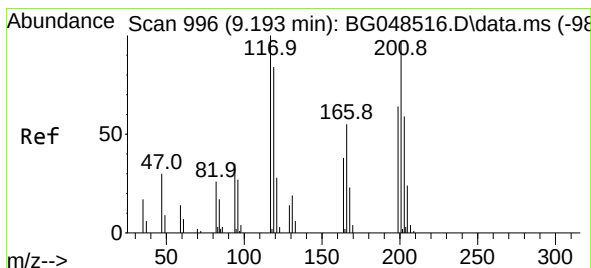
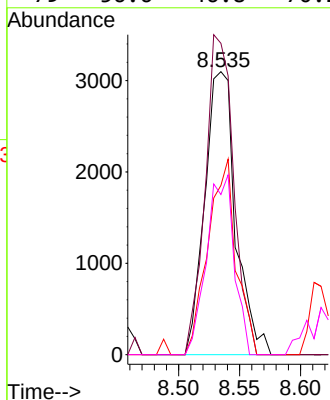
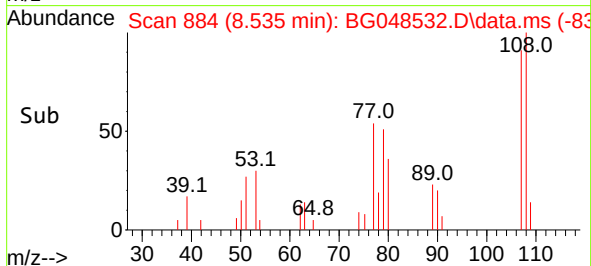
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



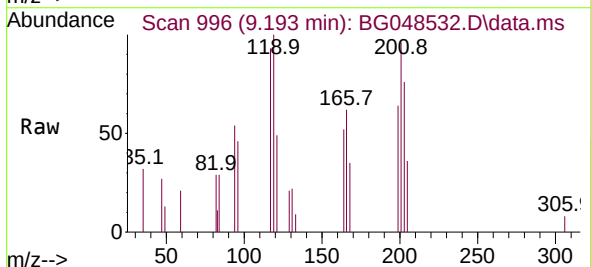
Tgt Ion:	107	Resp:	5465
Ion	Ratio	Lower	Upper
107	100		
108	110.0	101.7	152.5
77	59.8	54.4	81.6
79	56.6	46.8	70.2

Manual Integrations
APPROVED

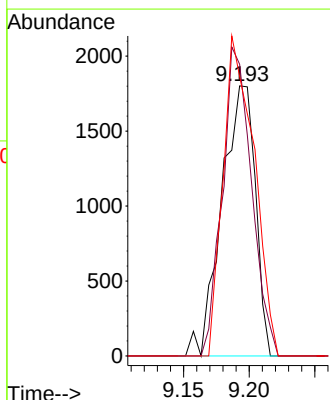
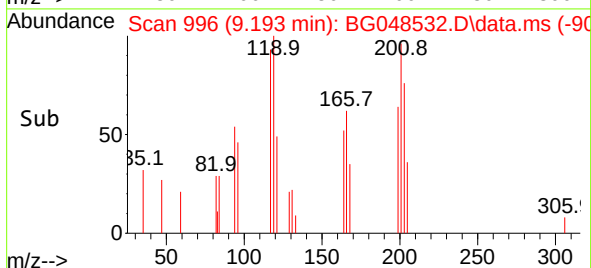
mohammad
4/1/2021 10:50:47 AM

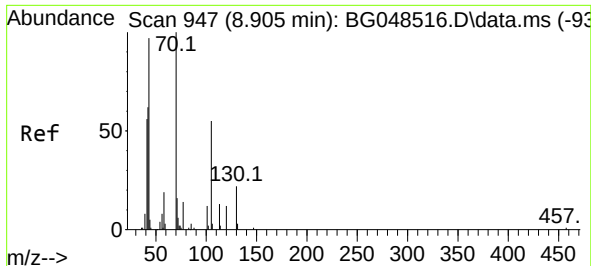


#18
Hexachloroethane
Concen: 6.41 ng
RT: 9.193 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

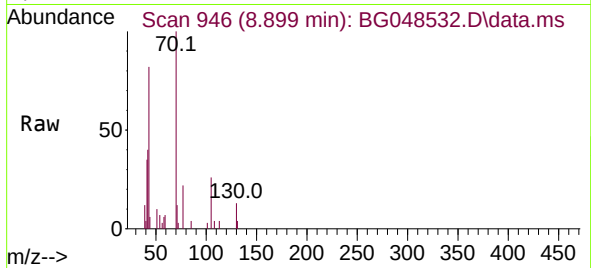


Tgt Ion:	117	Resp:	3208
Ion	Ratio	Lower	Upper
117	100		
119	108.0	67.0	100.6#
201	103.4	79.8	119.6

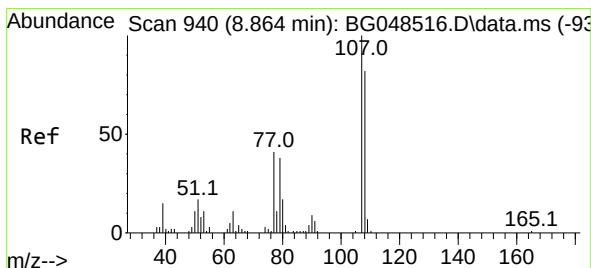
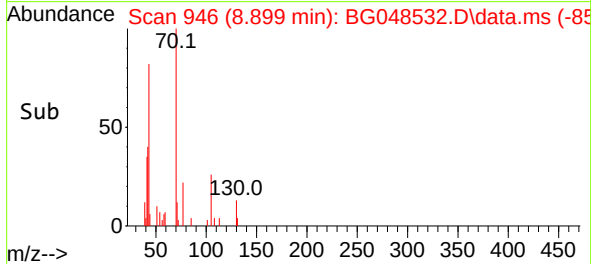
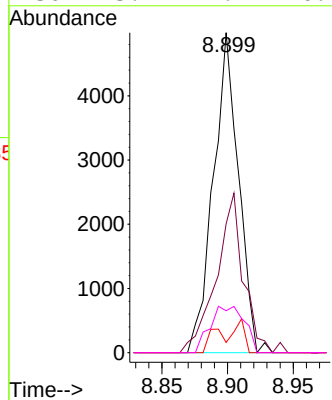




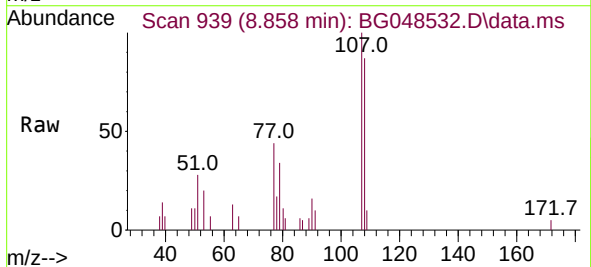
#19
n-Nitroso-di-n-propylamine
Concen: 6.35 ng
RT: 8.899 min Scan# 946
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



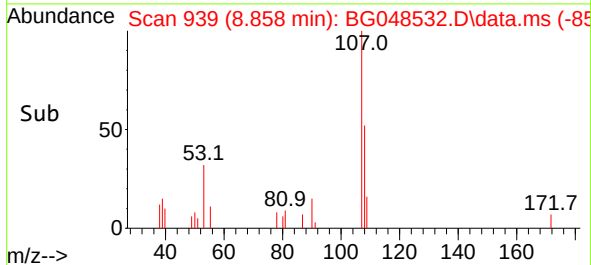
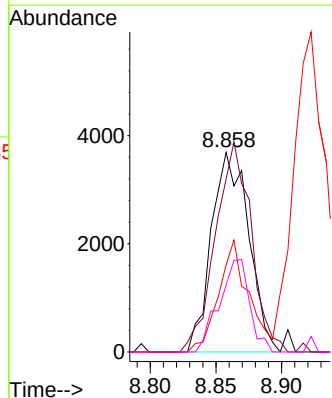
Tgt Ion: 70 Resp: 6658
Ion Ratio Lower Upper
70 100
42 40.3 50.8 76.2#
101 3.2 9.7 14.5#
130 13.1 17.4 26.0#



#20
3+4-Methylphenols
Concen: 5.33 ng
RT: 8.858 min Scan# 939
Delta R.T. -0.015 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



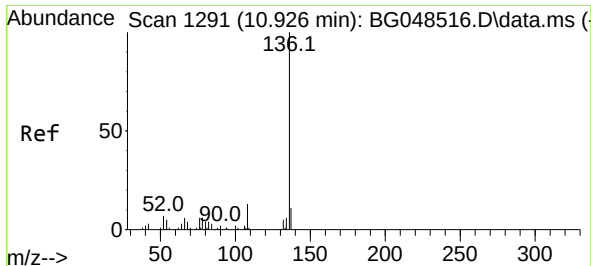
Tgt Ion: 107 Resp: 7295
Ion Ratio Lower Upper
107 100
108 86.7 62.3 102.3
77 43.7 21.3 61.3
79 33.7 18.1 58.1



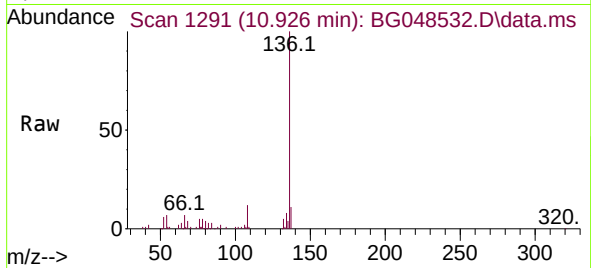
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

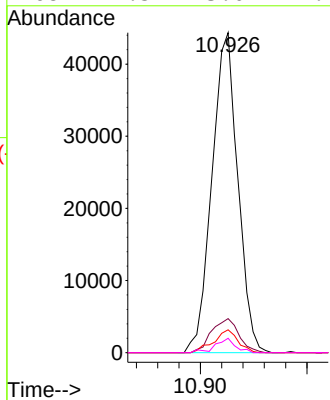
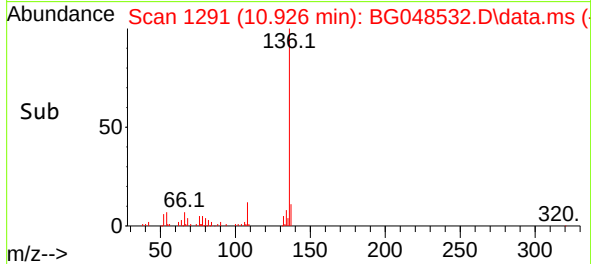
mohammad
4/1/2021 10:50:47 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.926 min Scan# 1291
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



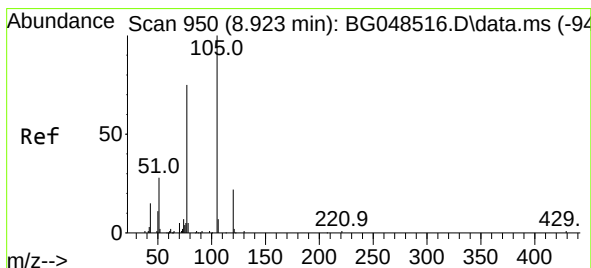
Tgt Ion:136 Resp: 74502
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.2 4.2 6.4#
68 4.5 3.0 4.4#



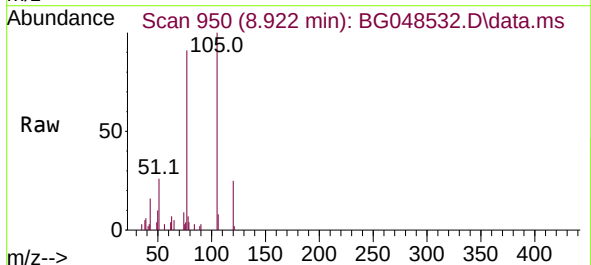
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

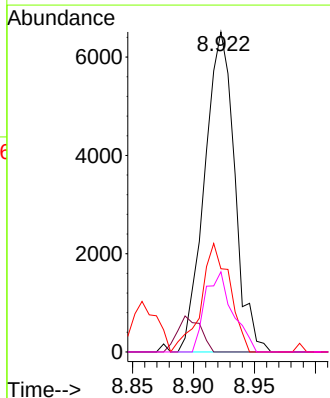
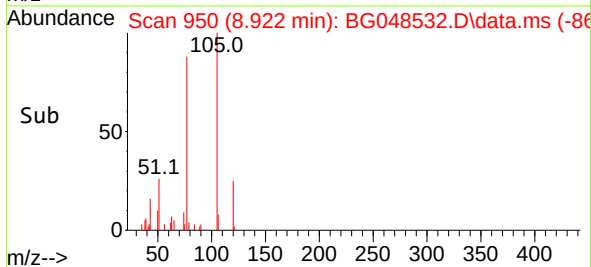
mohammad
4/1/2021 10:50:47 AM

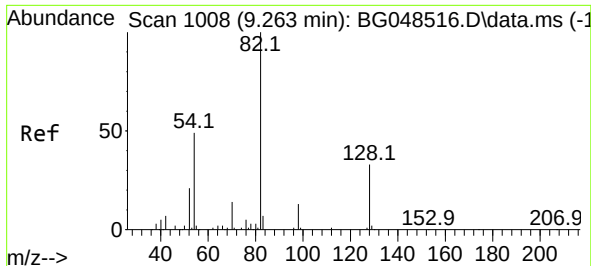


#22
Acetophenone
Concen: 5.82 ng
RT: 8.922 min Scan# 950
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



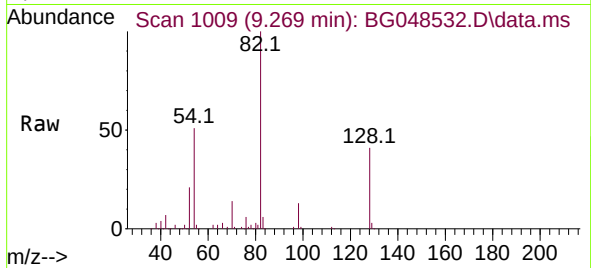
Tgt Ion:105 Resp: 11178
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 26.0 26.1 39.1#
120 25.1 17.5 26.3





#23
Nitrobenzene-d5
Concen: 82.01 ng
RT: 9.269 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

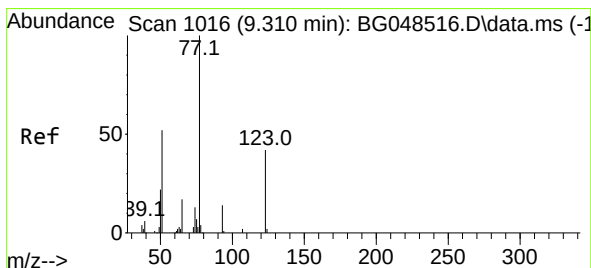
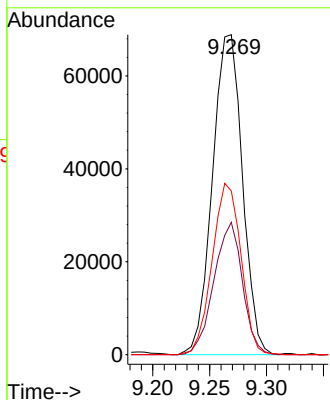
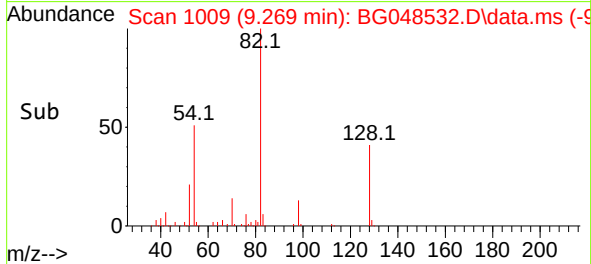
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



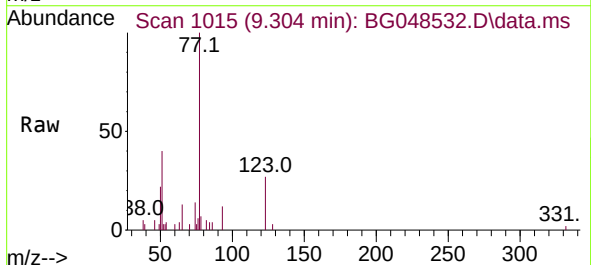
Tgt Ion: 82 Resp: 126205
Ion Ratio Lower Upper
82 100
128 41.4 26.2 39.4#
54 51.1 38.9 58.3

Manual Integrations
APPROVED

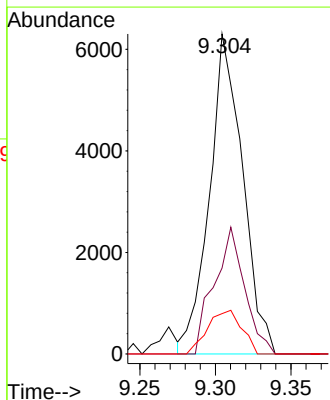
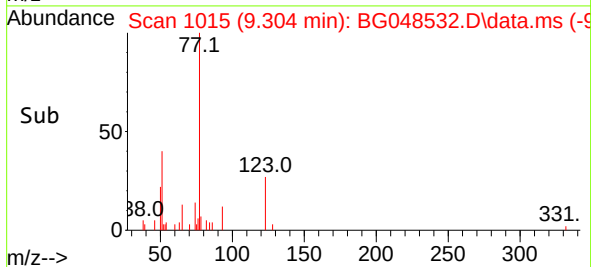
mohammad
4/1/2021 10:50:47 AM

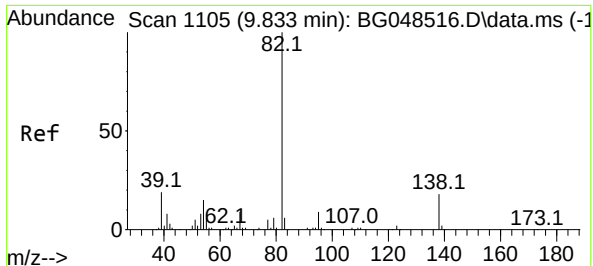


#24
Nitrobenzene
Concen: 6.36 ng m
RT: 9.304 min Scan# 1015
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



Tgt Ion: 77 Resp: 9610
Ion Ratio Lower Upper
77 100
123 26.8 33.4 50.2#
65 12.6 13.3 19.9#





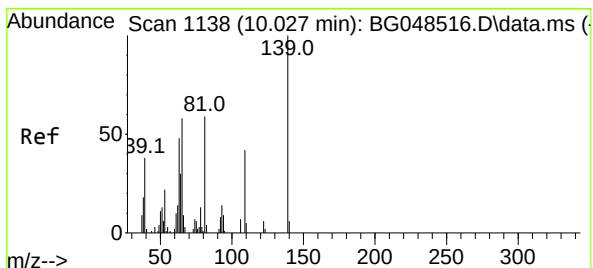
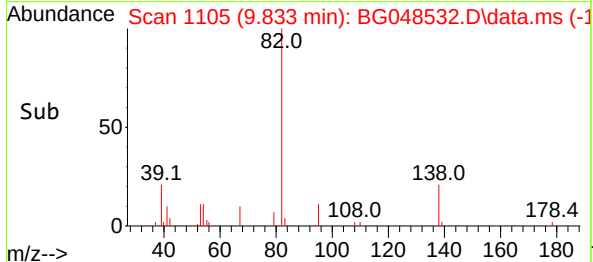
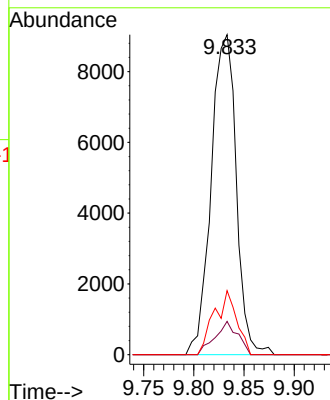
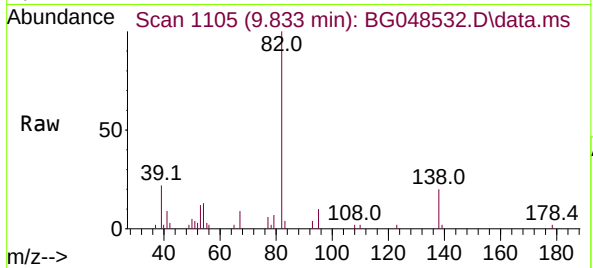
#25
Isophorone
Concen: 5.53 ng
RT: 9.833 min Scan# 1105
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 82 Resp: 15715
Ion Ratio Lower Upper
82 100
95 10.4 7.1 10.7
138 20.0 14.8 22.2

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

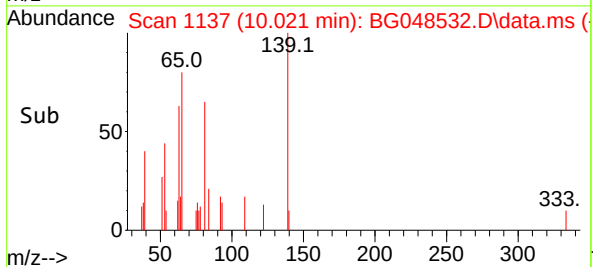
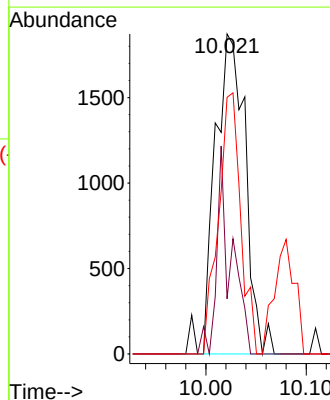
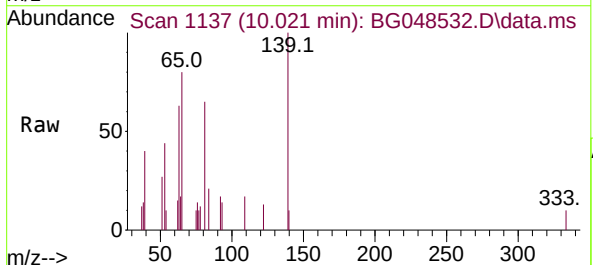
Manual Integrations
APPROVED

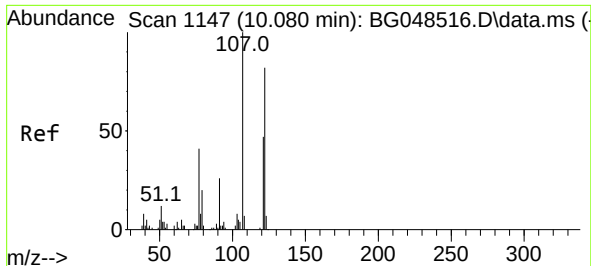
mohammad
4/1/2021 10:50:47 AM



#26
2-Nitrophenol
Concen: 5.65 ng
RT: 10.021 min Scan# 1137
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 139 Resp: 3920
Ion Ratio Lower Upper
139 100
109 17.3 33.7 50.5#
65 80.2 46.8 70.2#





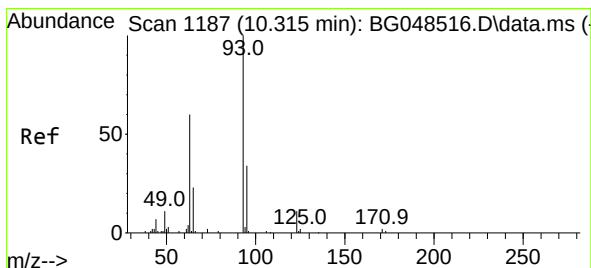
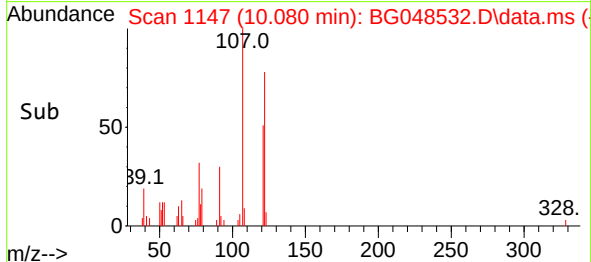
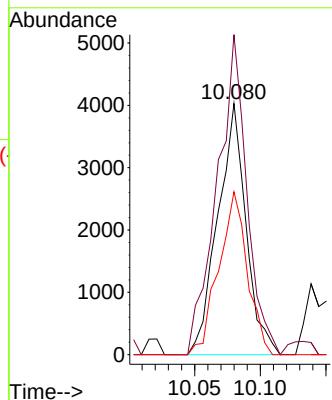
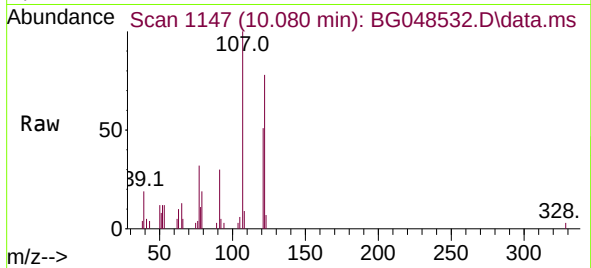
#27
2,4-Dimethylphenol
Concen: 5.53 ng
RT: 10.080 min Scan# 1147
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	122	Resp:	6036
Ion	Ratio	Lower	Upper
122	100		
107	127.4	96.6	145.0
121	64.9	45.3	67.9

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

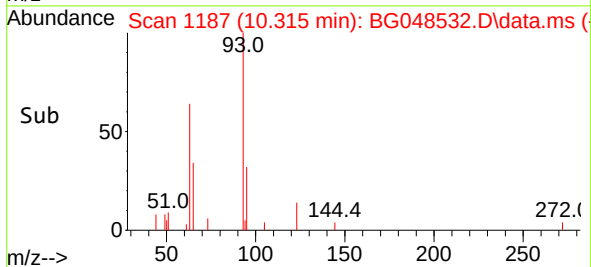
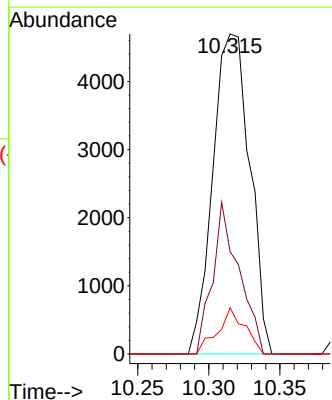
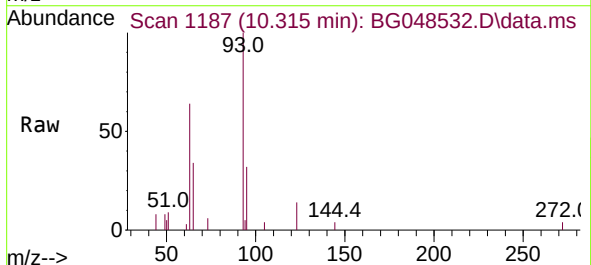
Manual Integrations
APPROVED

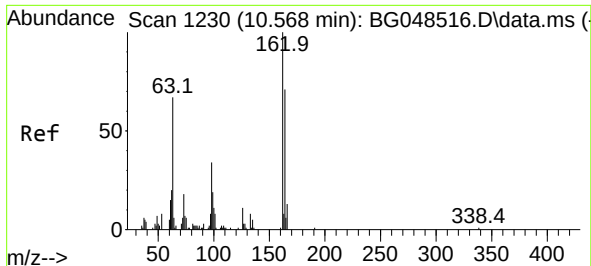
mohammad
4/1/2021 10:50:47 AM



#28
bis(2-Chloroethoxy)methane
Concen: 6.51 ng
RT: 10.315 min Scan# 1187
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	93	Resp:	8486
Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.0	40.6
123	14.5	9.0	13.6#





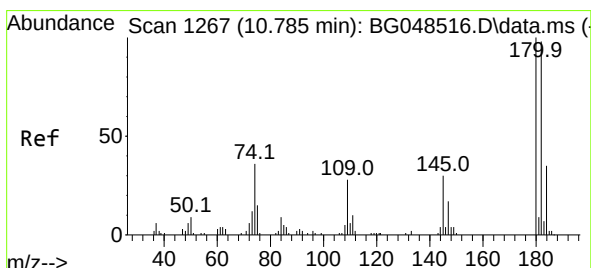
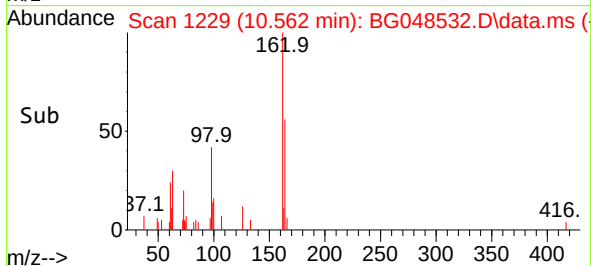
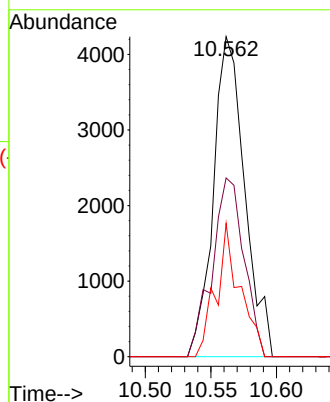
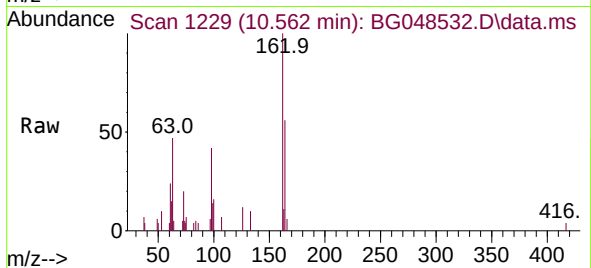
#29
2,4-Dichlorophenol
Concen: 5.68 ng
RT: 10.562 min Scan# 1229
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:162 Resp: 7024
Ion Ratio Lower Upper
162 100
164 55.8 51.2 91.2
98 41.6 13.6 53.6

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

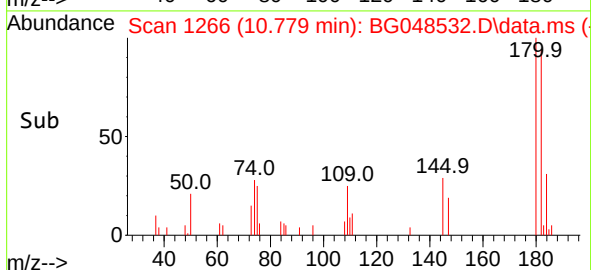
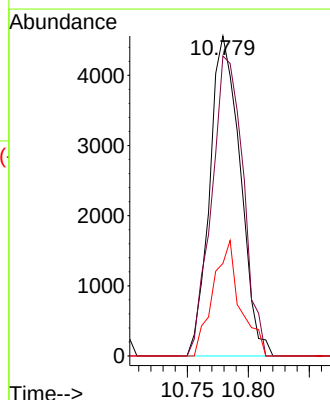
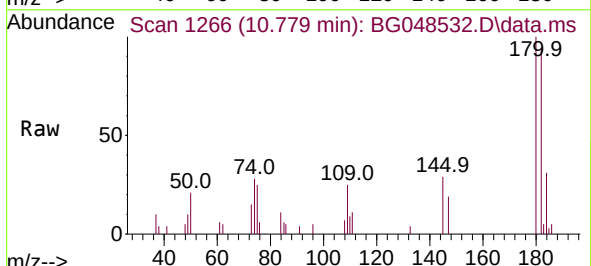
Manual Integrations
APPROVED

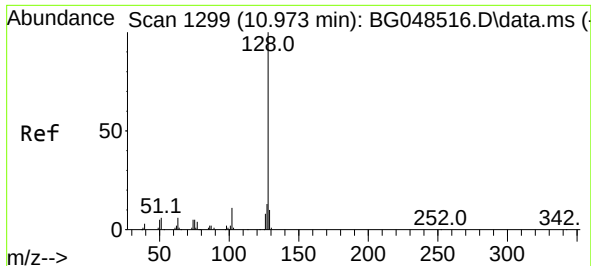
mohammad
4/1/2021 10:50:47 AM



#30
1,2,4-Trichlorobenzene
Concen: 5.58 ng
RT: 10.779 min Scan# 1266
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:180 Resp: 7933
Ion Ratio Lower Upper
180 100
182 93.7 78.8 118.2
145 28.9 24.0 36.0





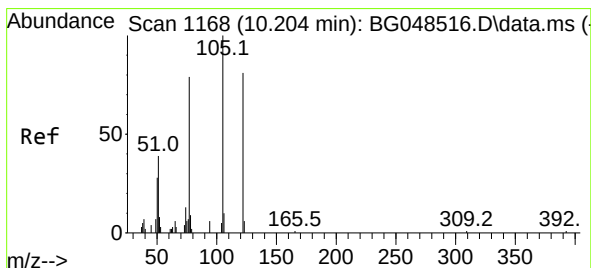
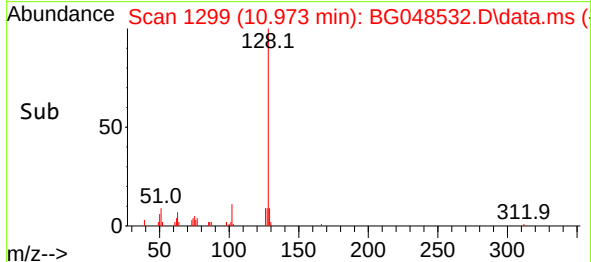
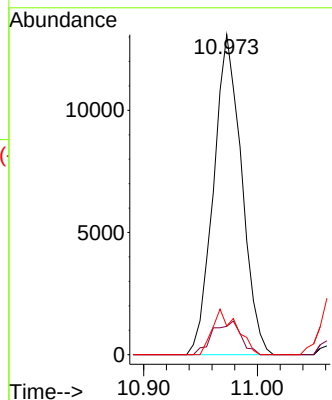
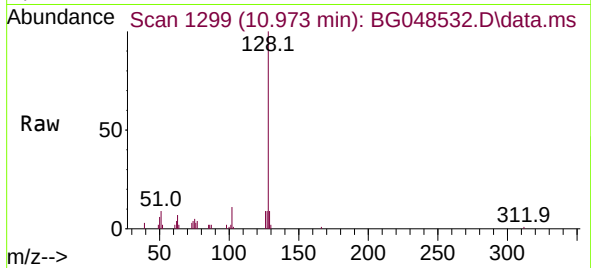
#31
Naphthalene
Concen: 5.85 ng
RT: 10.973 min Scan# 1299
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.2	12.2
127	9.0	10.6	16.0#

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

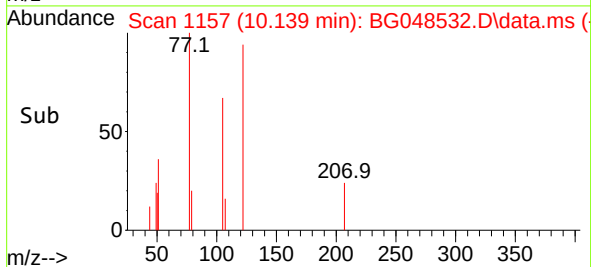
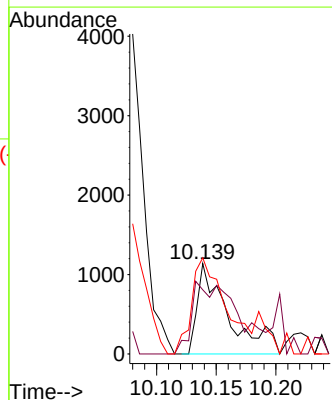
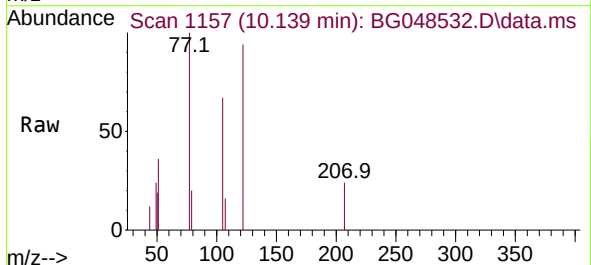
Manual Integrations
APPROVED

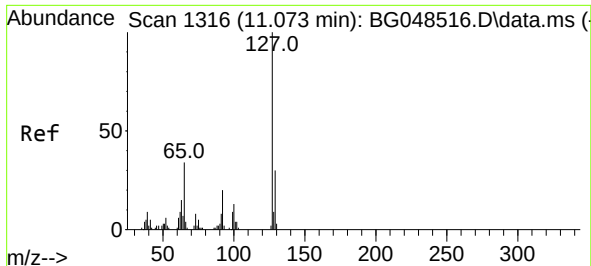
mohammad
4/1/2021 10:50:47 AM



#32
Benzoic acid
Concen: 2.44 ng m
RT: 10.139 min Scan# 1157
Delta R.T. -0.074 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

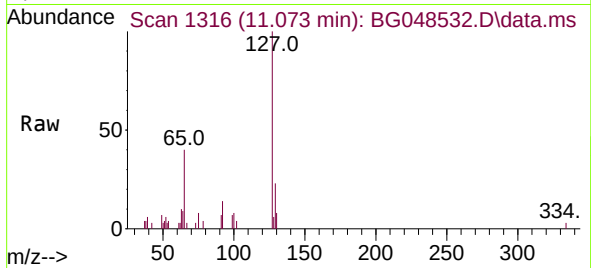
Tgt Ion	Ratio	Lower	Upper
122	100		
105	70.9	97.1	137.1#
77	106.4	76.8	116.8





#33
4-Chloroaniline
Concen: 5.97 ng
RT: 11.073 min Scan# 1316
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

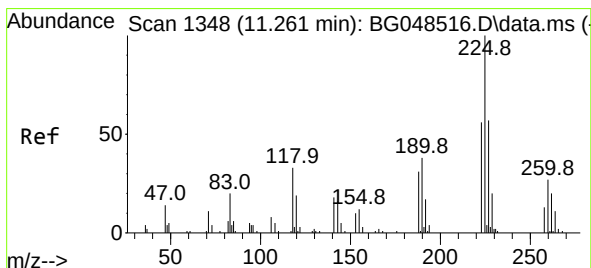
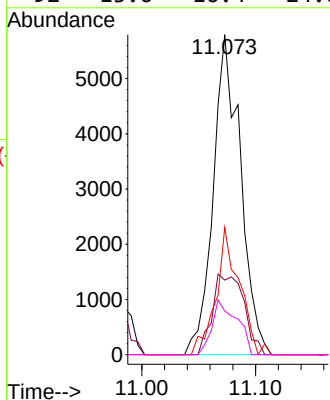
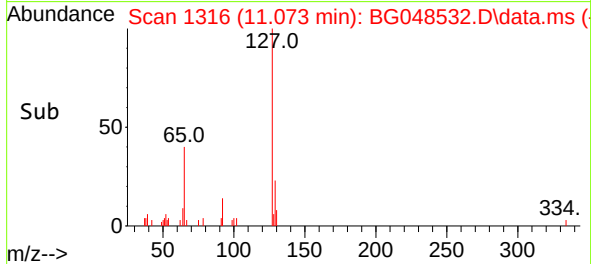
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



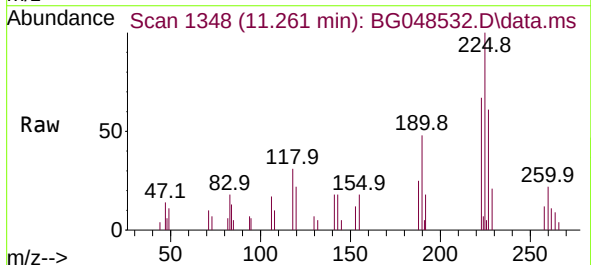
Tgt Ion:	127	Resp:	9649
Ion Ratio	Lower	Upper	
127	100		
129	23.3	24.3	36.5#
65	39.8	27.0	40.4
92	13.6	16.4	24.6#

Manual Integrations
APPROVED

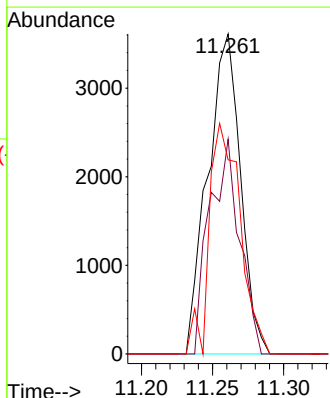
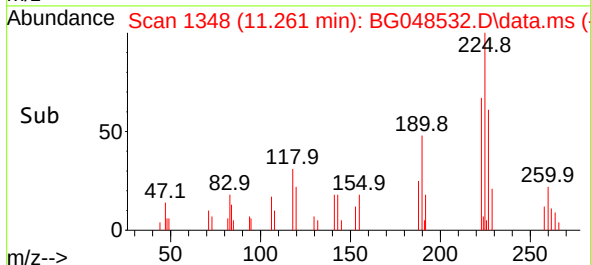
mohammad
4/1/2021 10:50:47 AM

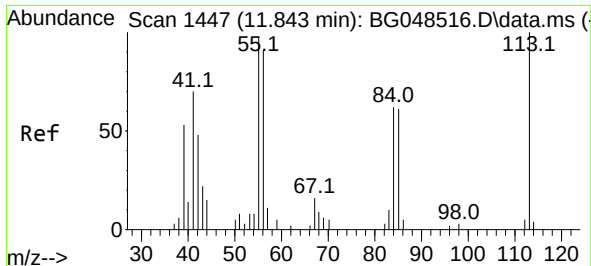


#34
Hexachlorobutadiene
Concen: 5.58 ng
RT: 11.261 min Scan# 1348
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

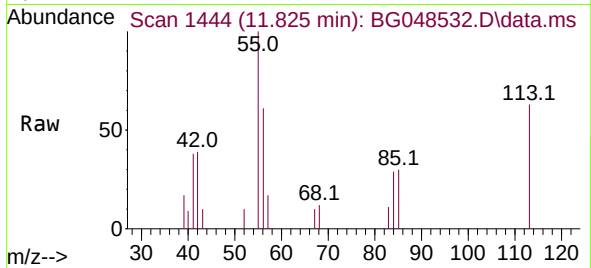


Tgt Ion:	225	Resp:	5789
Ion Ratio	Lower	Upper	
225	100		
223	64.0	44.8	67.2
227	57.8	45.4	68.0

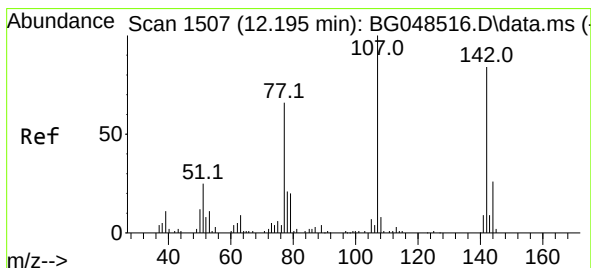
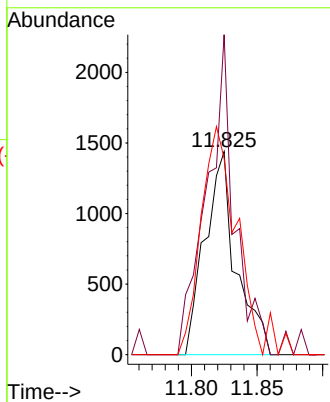
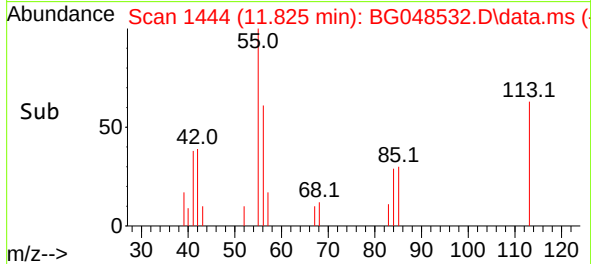




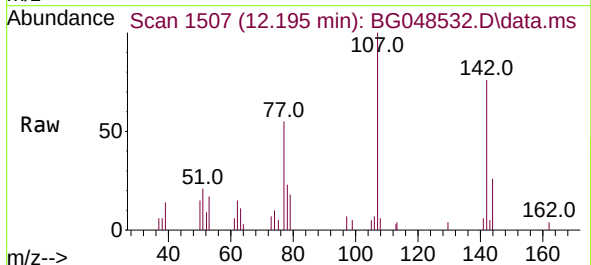
#35
Caprolactam
Concen: 5.27 ng
RT: 11.825 min Scan# 1444
Delta R.T. -0.033 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



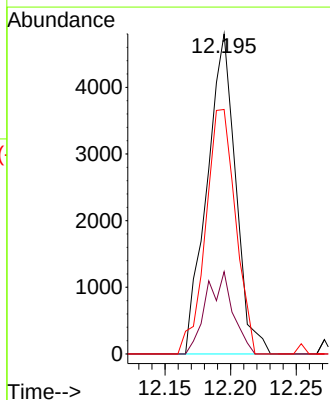
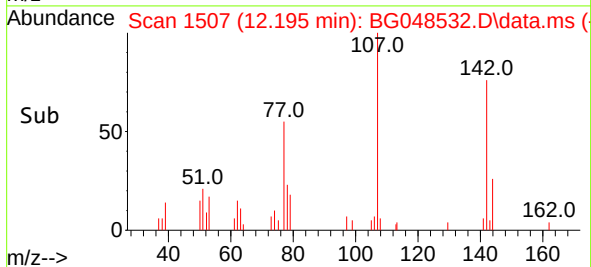
Tgt Ion:113 Resp: 2376
Ion Ratio Lower Upper
113 100
55 157.5 76.8 116.8#
56 96.7 71.1 111.1



#36
4-Chloro-3-methylphenol
Concen: 5.26 ng
RT: 12.195 min Scan# 1507
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



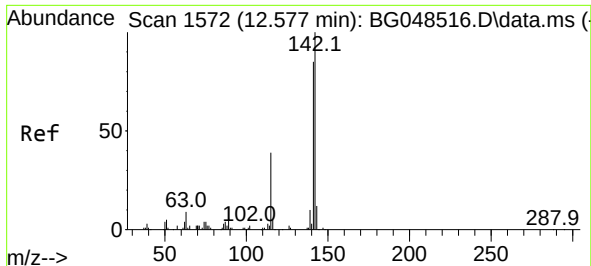
Tgt Ion:107 Resp: 7297
Ion Ratio Lower Upper
107 100
144 25.7 20.6 31.0
142 76.4 67.0 100.6



Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

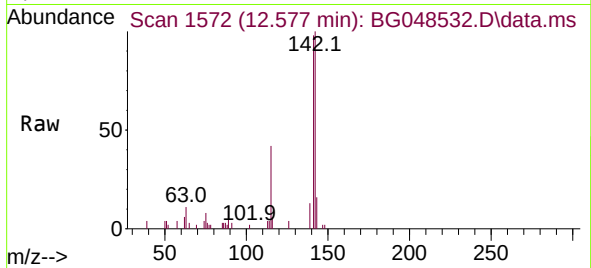
Manual Integrations
APPROVED

mohammad
4/1/2021 10:50:47 AM



#37
2-Methylnaphthalene
Concen: 5.42 ng
RT: 12.577 min Scan# 1572
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

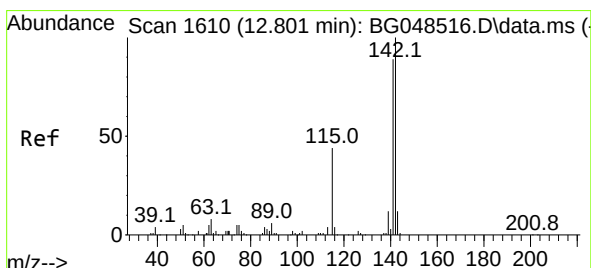
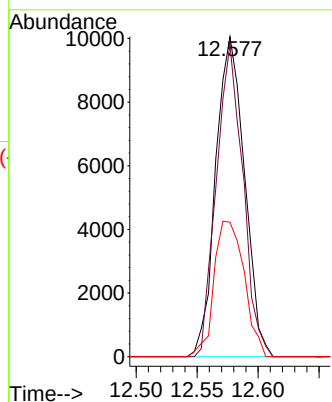
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



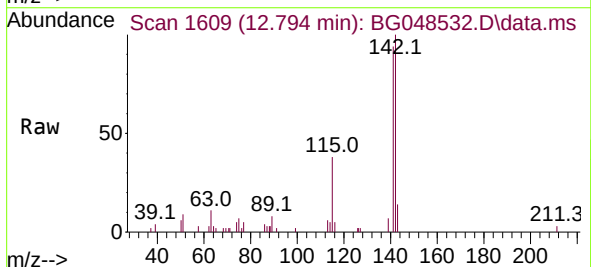
Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.6	68.2	102.4
115	42.0	30.8	46.2

Manual Integrations
APPROVED

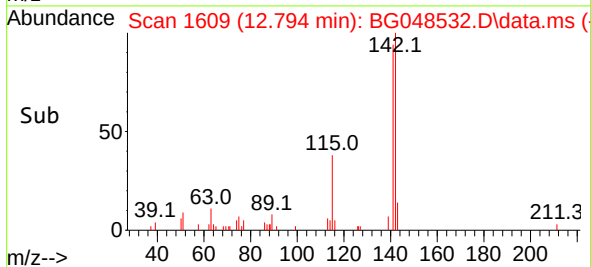
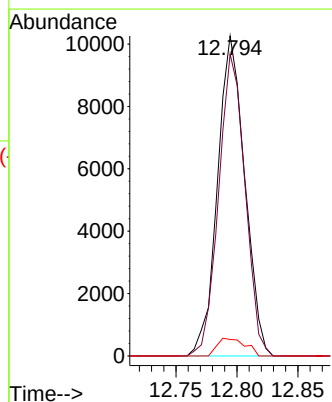
mohammad
4/1/2021 10:50:47 AM

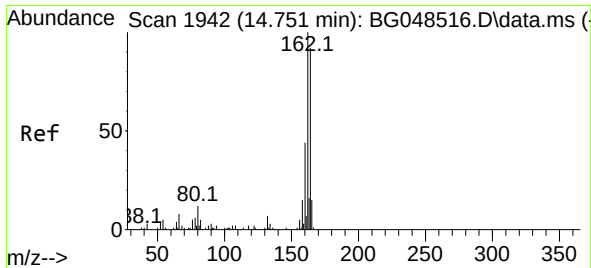


#38
1-Methylnaphthalene
Concen: 5.49 ng
RT: 12.794 min Scan# 1609
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

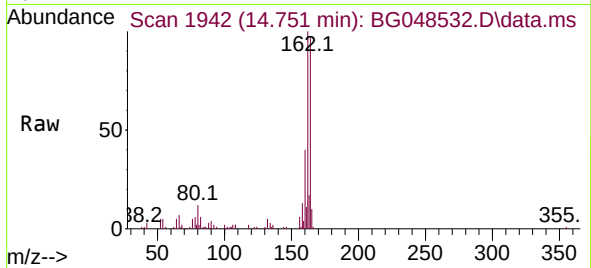


Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	71.2	106.8
116	5.2	3.4	5.0

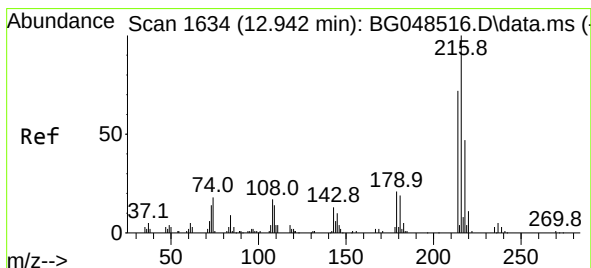
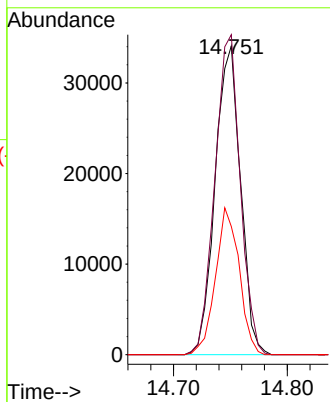
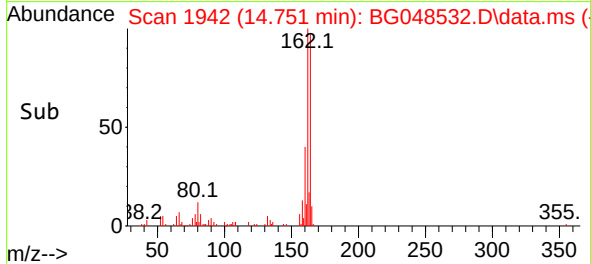




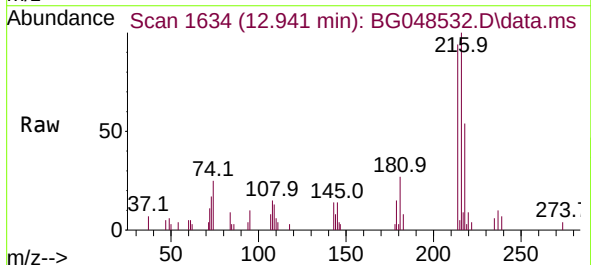
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.751 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



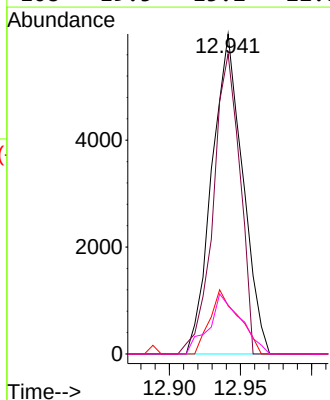
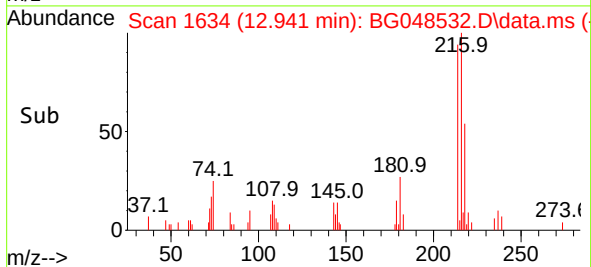
Tgt Ion:	164	Resp:	52947
Ion	Ratio	Lower	Upper
164	100		
162	103.6	87.0	130.6
160	41.5	38.4	57.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.50 ng
RT: 12.941 min Scan# 1634
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



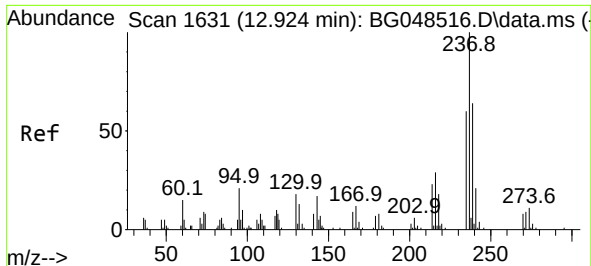
Tgt Ion:	216	Resp:	9027
Ion	Ratio	Lower	Upper
216	100		
214	80.8	61.1	91.7
179	18.7	17.3	25.9
108	19.5	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

mohammad
4/1/2021 10:50:47 AM



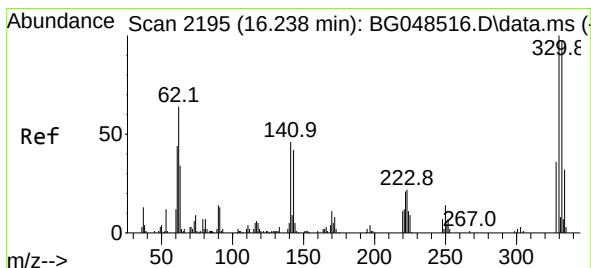
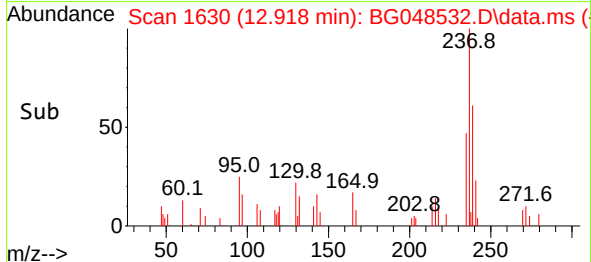
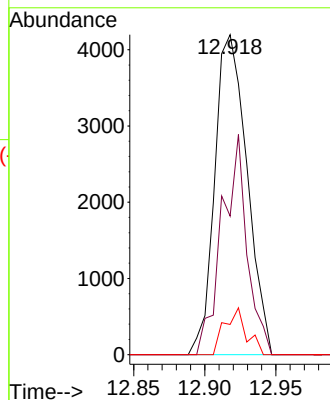
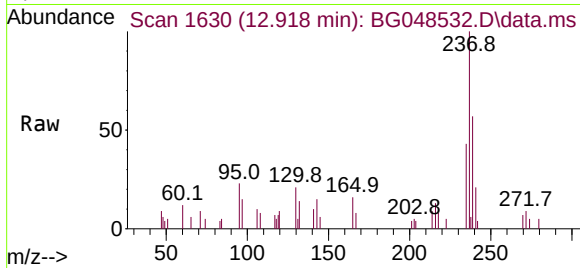
#41
Hexachlorocyclopentadiene
Concen: 6.98 ng
RT: 12.918 min Scan# 1630
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	237	Resp:	6637
Ion Ratio	Lower	Upper	
237	100		
235	43.3	39.7	79.7
272	9.5	0.0	28.8

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

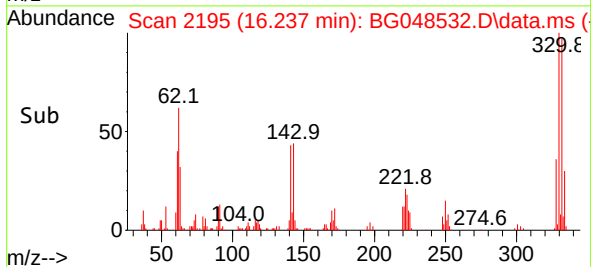
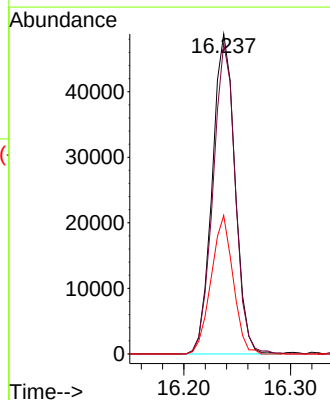
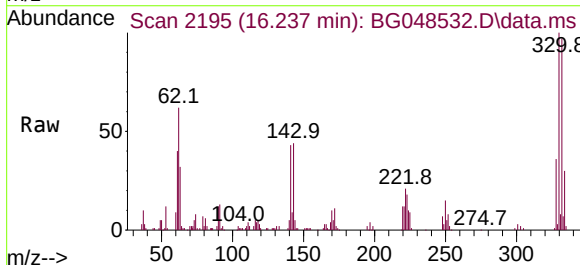
Manual Integrations
APPROVED

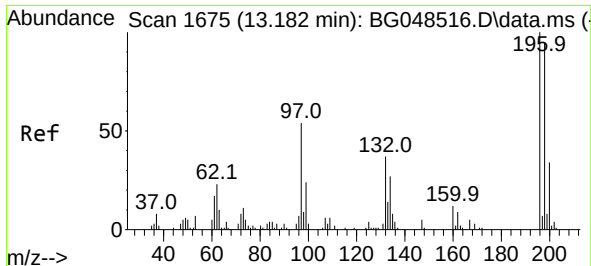
mohammad
4/1/2021 10:50:47 AM



#42
2,4,6-Tribromophenol
Concen: 103.56 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	330	Resp:	72076
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.6	116.4
141	41.8	34.6	52.0





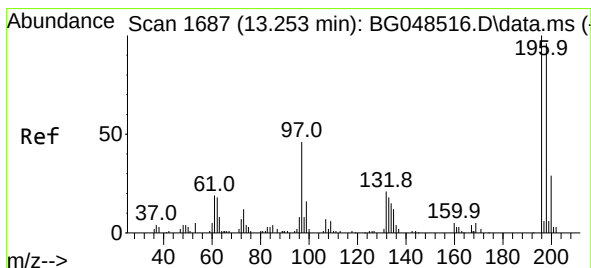
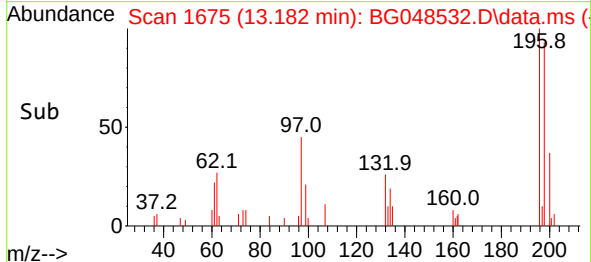
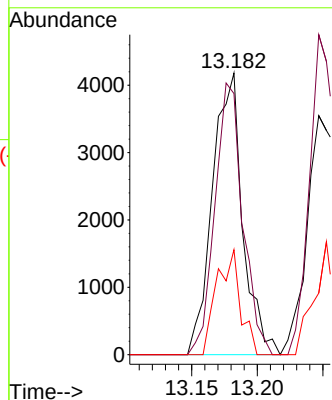
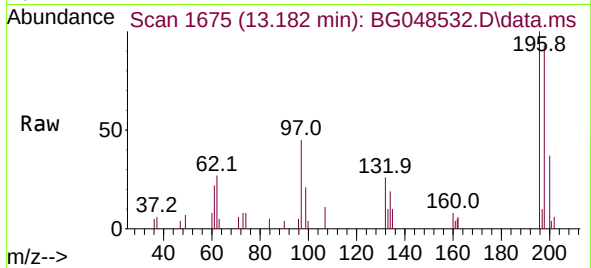
#43
2,4,6-Trichlorophenol
Concen: 5.94 ng
RT: 13.182 min Scan# 1675
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:196 Resp: 6698
Ion Ratio Lower Upper
196 100
198 92.7 75.8 113.6
200 41.3 27.0 40.6#

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

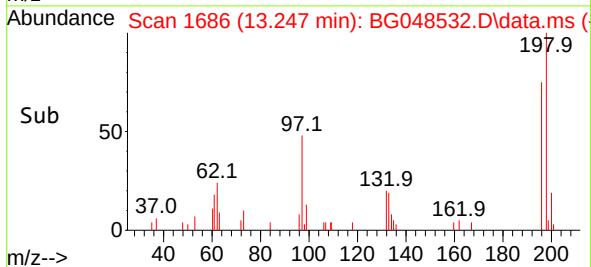
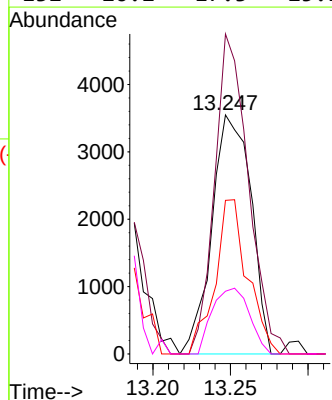
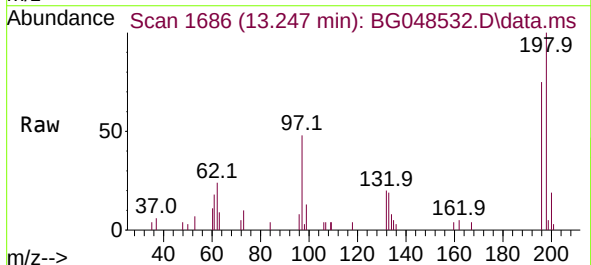
Manual Integrations
APPROVED

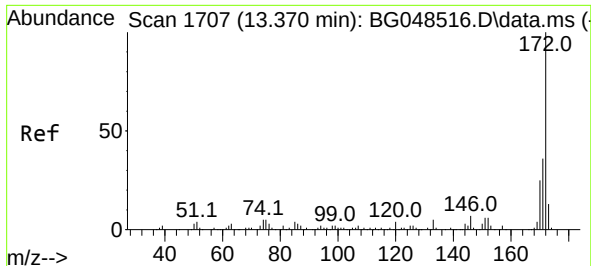
mohammad
4/1/2021 10:50:47 AM



#44
2,4,5-Trichlorophenol
Concen: 5.14 ng
RT: 13.247 min Scan# 1686
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

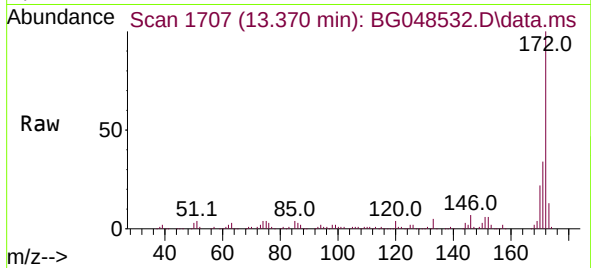
Tgt Ion:196 Resp: 6208
Ion Ratio Lower Upper
196 100
198 140.3 77.1 115.7#
97 64.3 37.5 56.3#
132 26.2 17.3 25.9#





#45
2-Fluorobiphenyl
Concen: 86.90 ng
RT: 13.370 min Scan# 1707
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

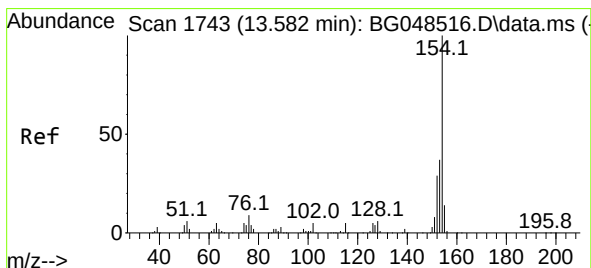
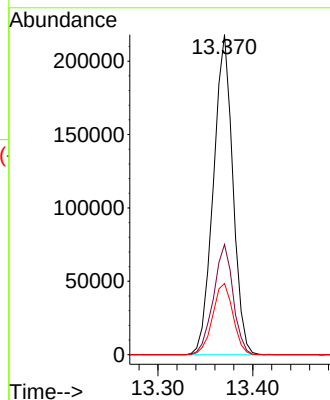
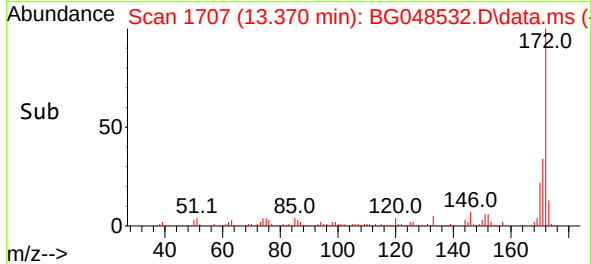
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



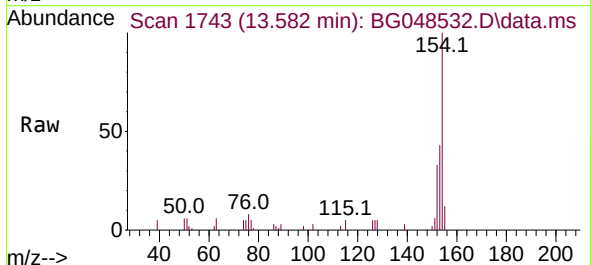
Tgt Ion:172 Resp: 309574
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.2 19.8 29.6

Manual Integrations
APPROVED

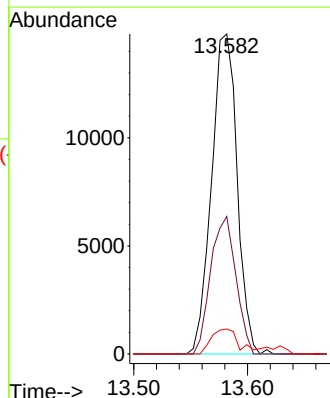
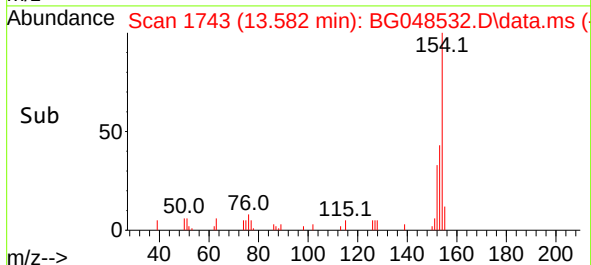
mohammad
4/1/2021 10:50:47 AM

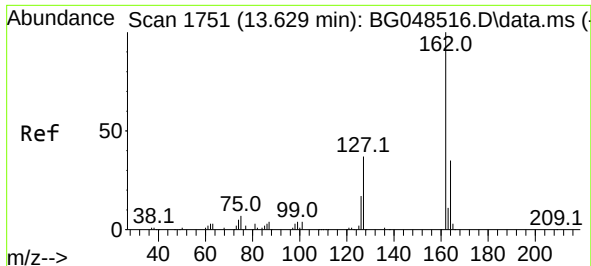


#46
1,1'-Biphenyl
Concen: 5.98 ng
RT: 13.582 min Scan# 1743
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



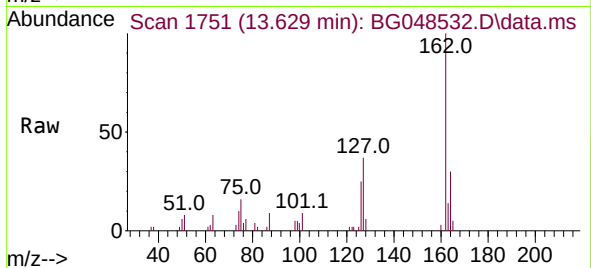
Tgt Ion:154 Resp: 23146
Ion Ratio Lower Upper
154 100
153 42.9 17.3 57.3
76 7.8 0.0 28.6





#47
2-Chloronaphthalene
Concen: 5.72 ng
RT: 13.629 min Scan# 1751
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

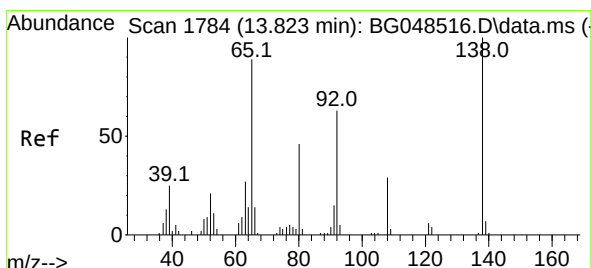
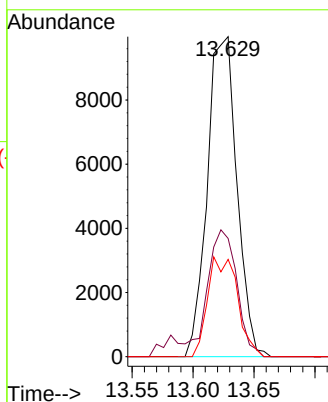
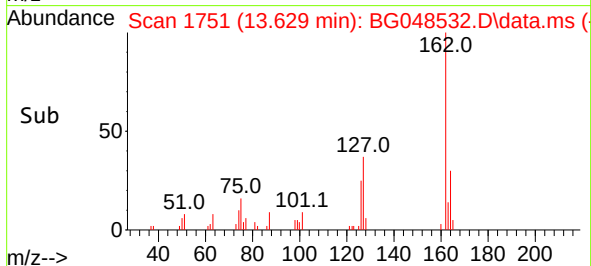
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



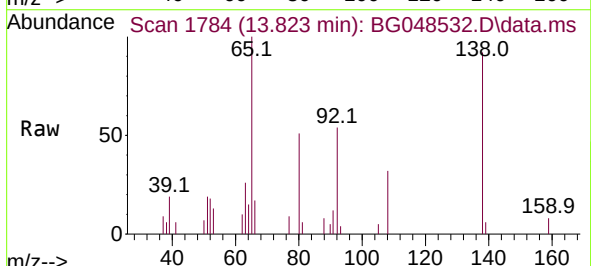
Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.8	47.8
164	30.4	27.8	41.6

Manual Integrations
APPROVED

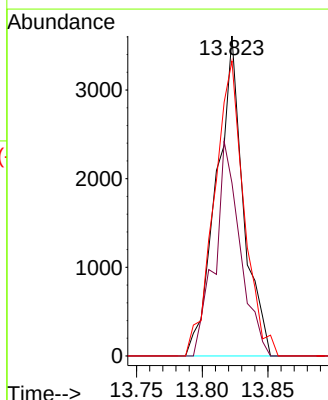
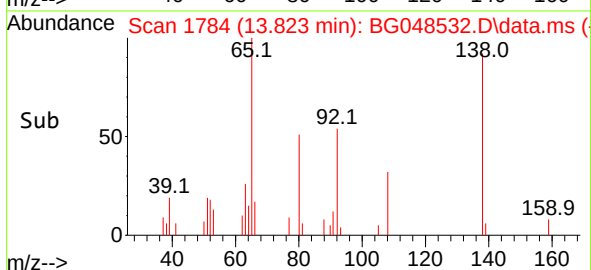
mohammad
4/1/2021 10:50:47 AM

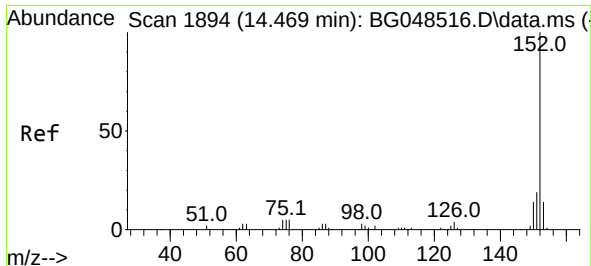


#48
2-Nitroaniline
Concen: 5.47 ng
RT: 13.823 min Scan# 1784
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



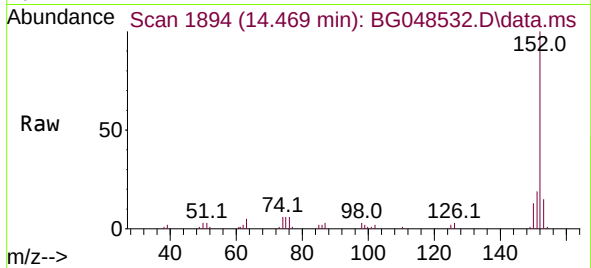
Tgt Ion	Ratio	Lower	Upper
65	100		
92	54.1	56.7	85.1#
138	92.2	89.6	134.4





#49
Acenaphthylene
Concen: 6.09 ng
RT: 14.469 min Scan# 1894
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

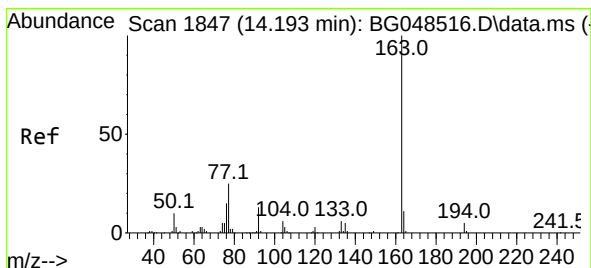
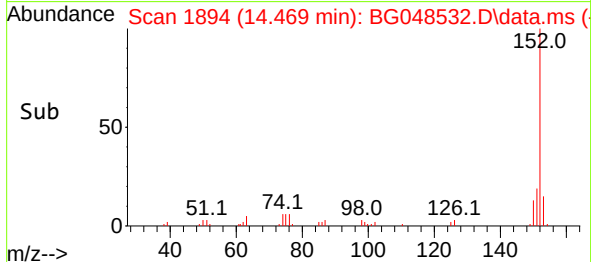
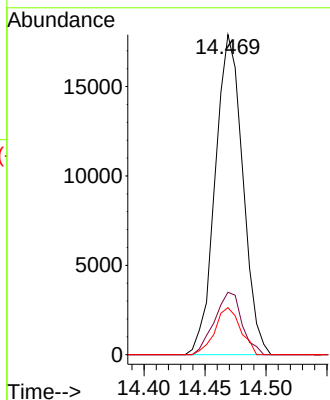
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



Tgt Ion:	152	Resp:	28134
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.0	22.6
153	14.7	11.0	16.6

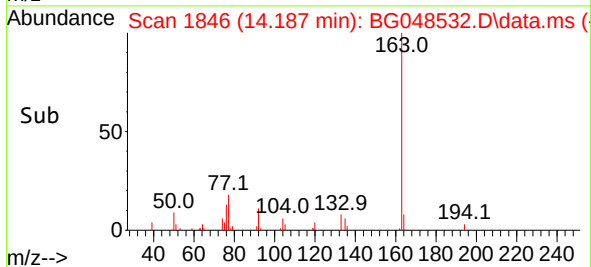
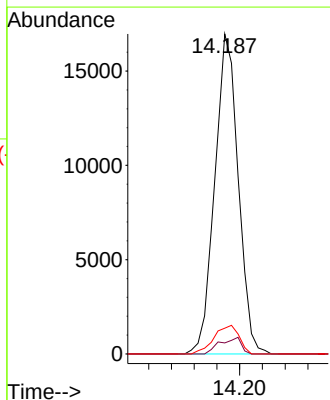
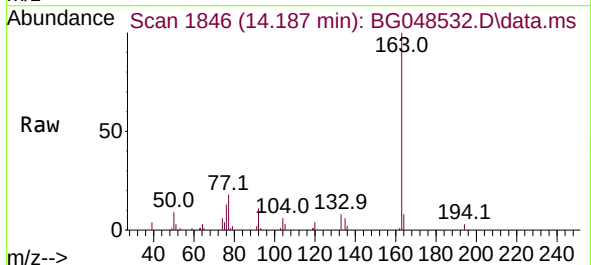
Manual Integrations
APPROVED

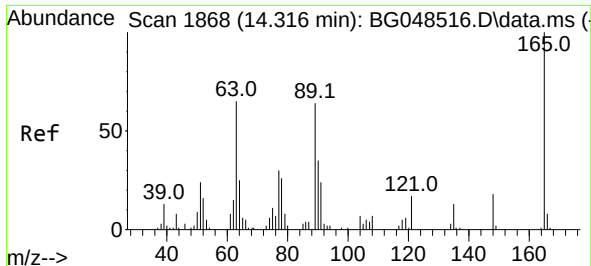
mohammad
4/1/2021 10:50:47 AM



#50
Dimethylphthalate
Concen: 6.18 ng
RT: 14.187 min Scan# 1846
Delta R.T. -0.015 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	163	Resp:	24297
Ion Ratio	Lower	Upper	
163	100		
194	3.5	4.1	6.1#
164	8.0	8.6	12.8#





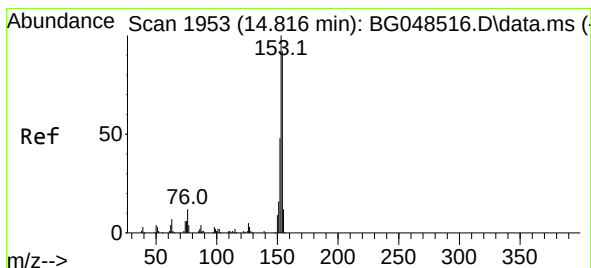
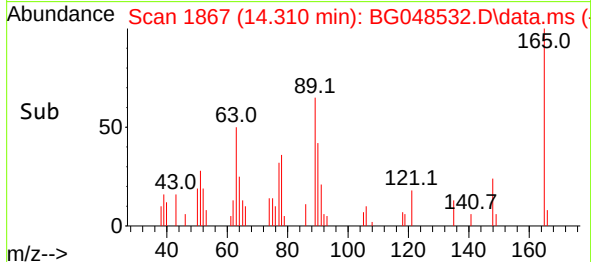
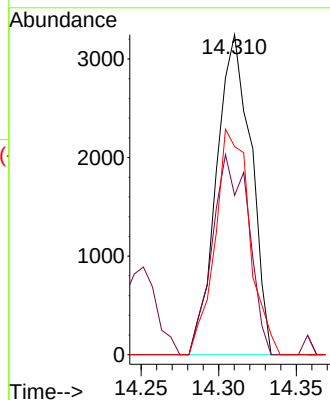
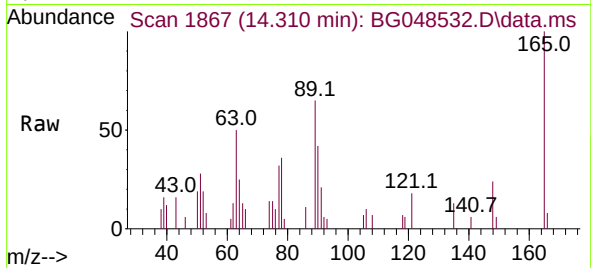
#51
2,6-Dinitrotoluene
Concen: 5.60 ng
RT: 14.310 min Scan# 1867
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:165 Resp: 5034
Ion Ratio Lower Upper
165 100
63 49.8 53.8 80.6#
89 65.1 50.8 76.2

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

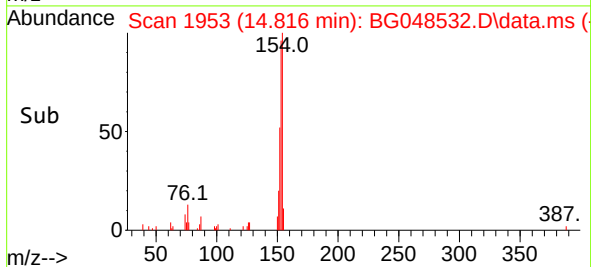
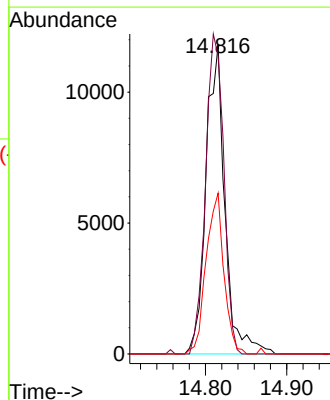
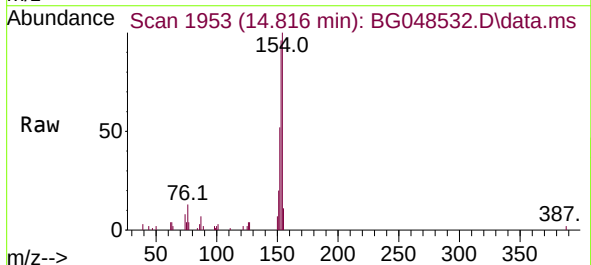
Manual Integrations
APPROVED

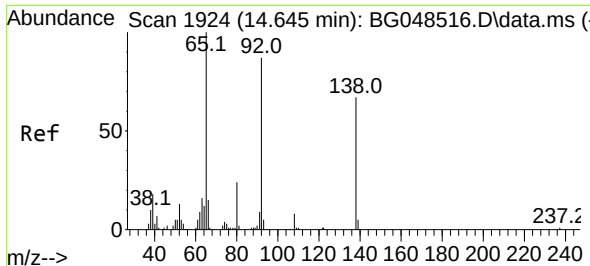
mohammad
4/1/2021 10:50:47 AM



#52
Acenaphthene
Concen: 5.73 ng
RT: 14.816 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:154 Resp: 19160
Ion Ratio Lower Upper
154 100
153 96.2 86.6 129.8
152 52.0 41.5 62.3





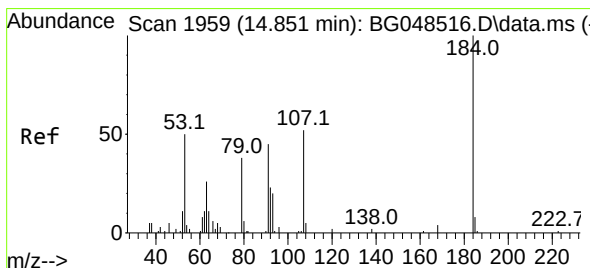
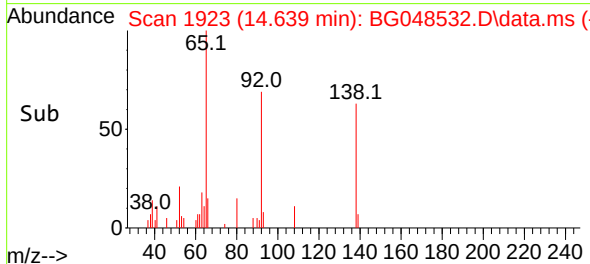
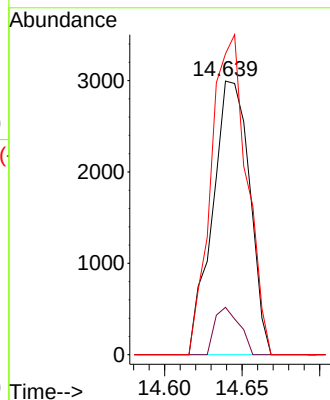
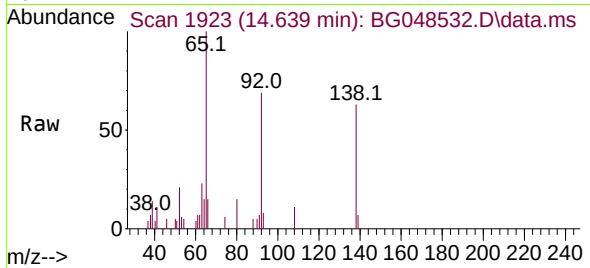
#53
3-Nitroaniline
Concen: 5.65 ng
RT: 14.639 min Scan# 1923
Delta R.T. -0.015 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:138 Resp: 4981
Ion Ratio Lower Upper
138 100
108 17.3 9.2 13.8#
92 109.9 103.8 155.8

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

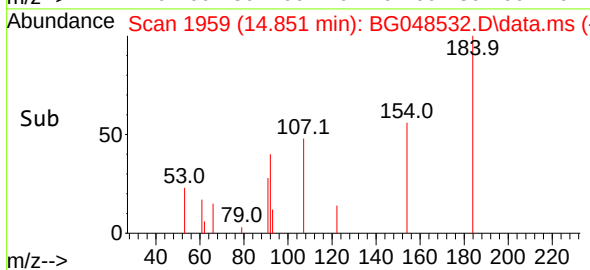
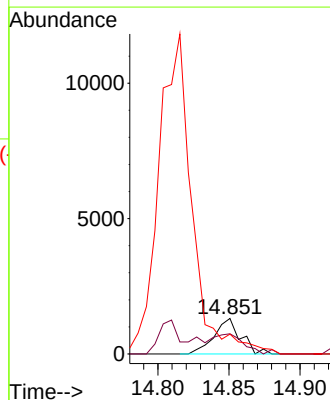
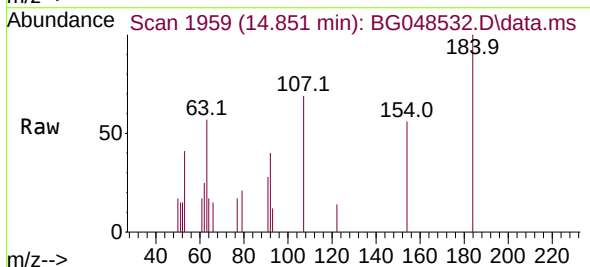
Manual Integrations
APPROVED

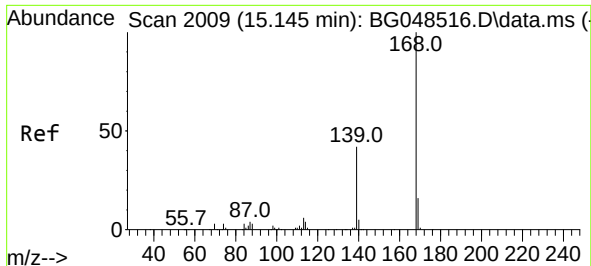
mohammad
4/1/2021 10:50:47 AM



#54
2,4-Dinitrophenol
Concen: 3.38 ng
RT: 14.851 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:184 Resp: 1708
Ion Ratio Lower Upper
184 100
63 56.8 56.6 84.8
154 56.1 54.9 82.3





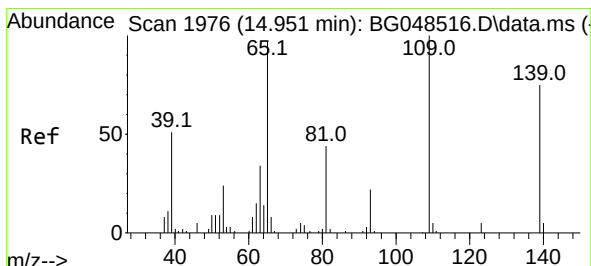
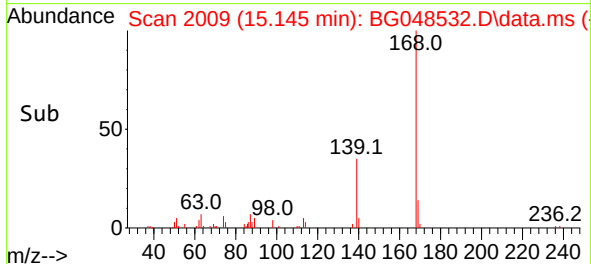
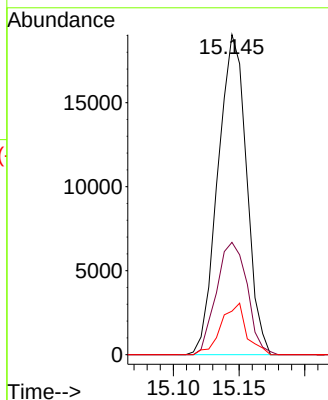
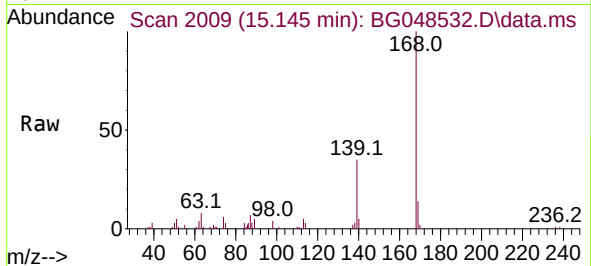
#55
Dibenzofuran
Concen: 5.91 ng
RT: 15.145 min Scan# 2009
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	33.7	50.5
169	13.6	12.5	18.7

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

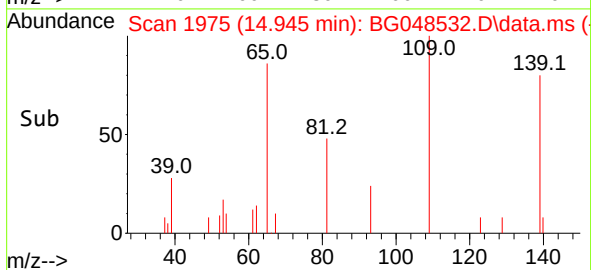
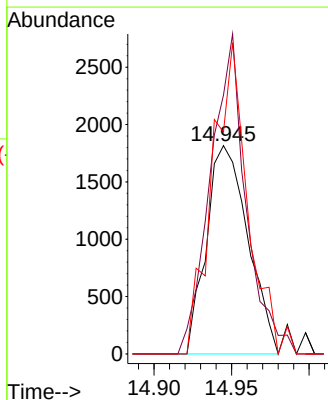
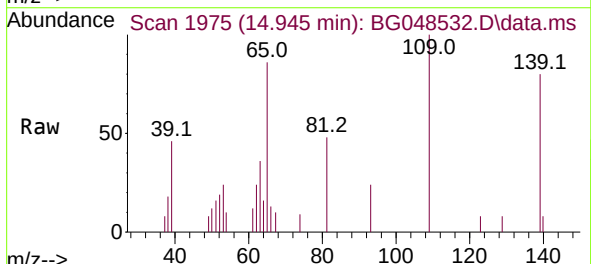
Manual Integrations
APPROVED

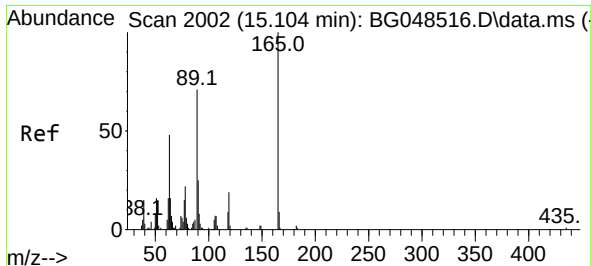
mohammad
4/1/2021 10:50:47 AM



#56
4-Nitrophenol
Concen: 4.74 ng
RT: 14.945 min Scan# 1975
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

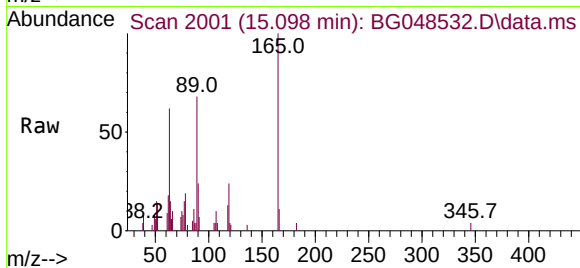
Tgt Ion	Ratio	Lower	Upper
139	100		
109	124.3	113.0	153.0
65	106.6	109.4	149.4#





#57
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 15.098 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

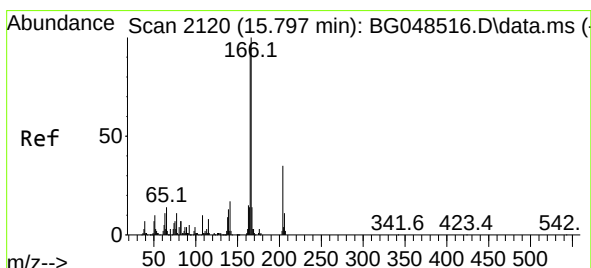
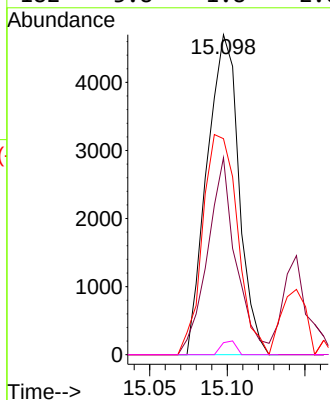
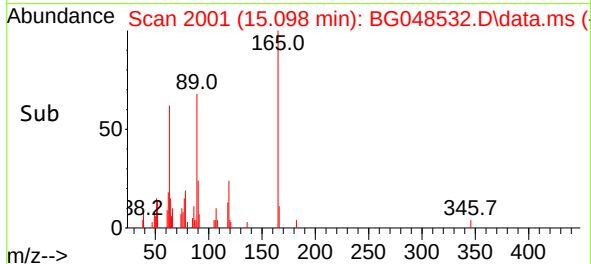
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



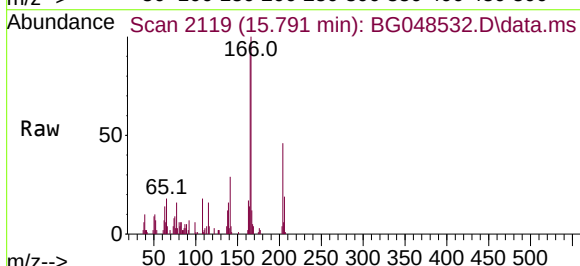
Tgt Ion:165 Resp: 6731
Ion Ratio Lower Upper
165 100
63 61.5 38.3 57.5#
89 67.5 56.5 84.7
182 3.8 1.8 2.6#

Manual Integrations
APPROVED

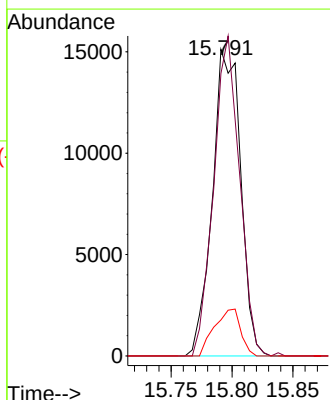
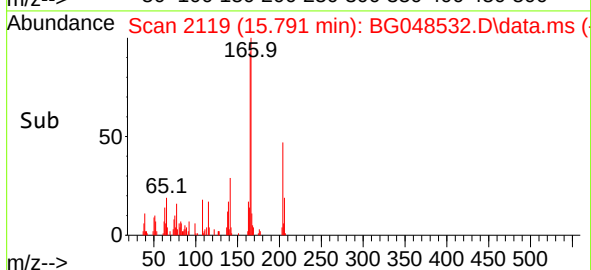
mohammad
4/1/2021 10:50:47 AM

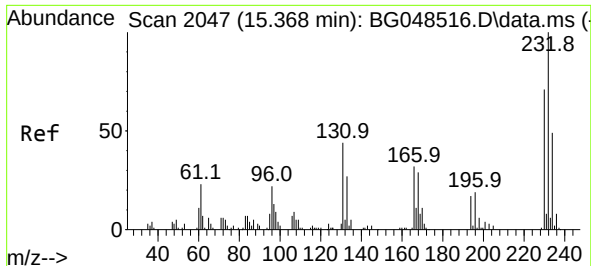


#58
Fluorene
Concen: 5.98 ng
RT: 15.791 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



Tgt Ion:166 Resp: 24432
Ion Ratio Lower Upper
166 100
165 92.1 76.8 115.2
167 11.7 11.1 16.7





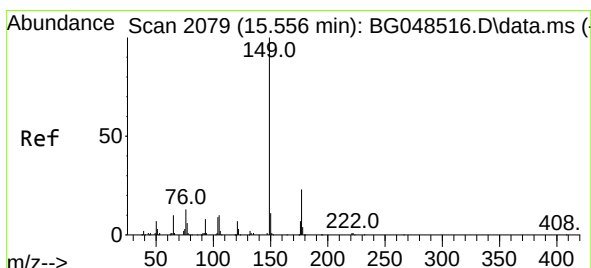
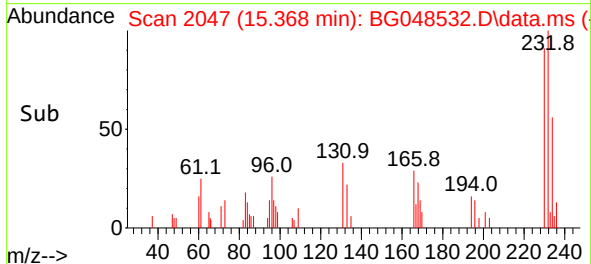
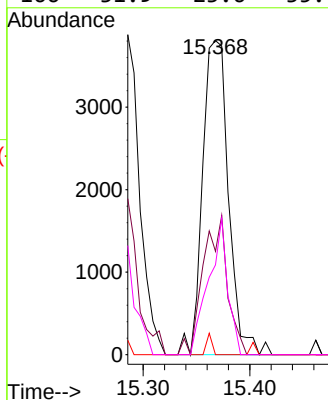
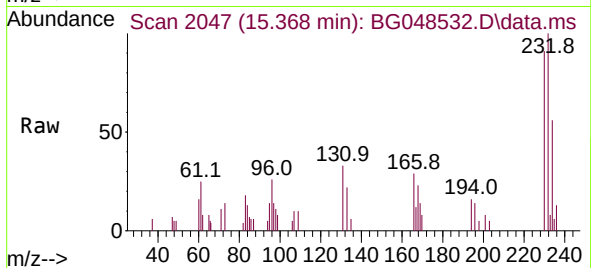
#59
2,3,4,6-Tetrachlorophenol
Concen: 5.48 ng
RT: 15.368 min Scan# 2047
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	232	Resp:	6458
Ion Ratio	Lower	Upper	
232	100		
131	41.3	35.0	52.4
130	1.4	2.4	3.6#
166	31.9	23.6	35.4

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

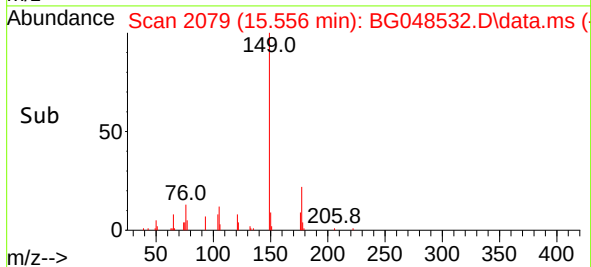
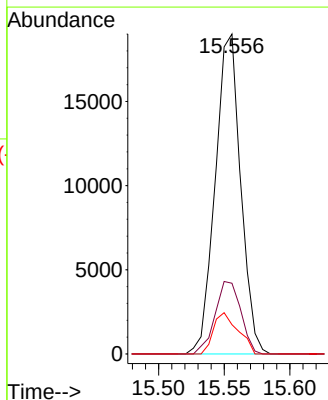
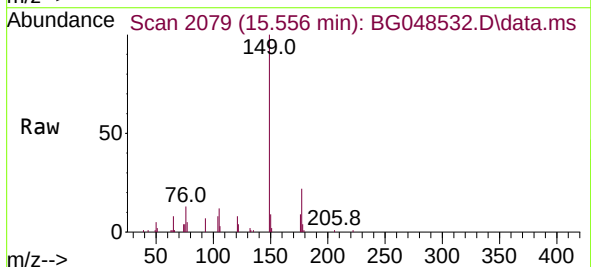
Manual Integrations
APPROVED

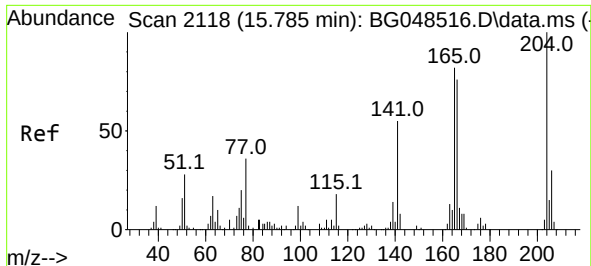
mohammad
4/1/2021 10:50:47 AM



#60
Diethylphthalate
Concen: 6.33 ng
RT: 15.556 min Scan# 2079
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	149	Resp:	25555
Ion Ratio	Lower	Upper	
149	100		
177	22.1	18.1	27.1
150	9.2	9.1	13.7





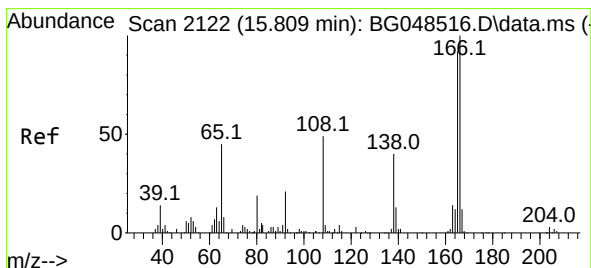
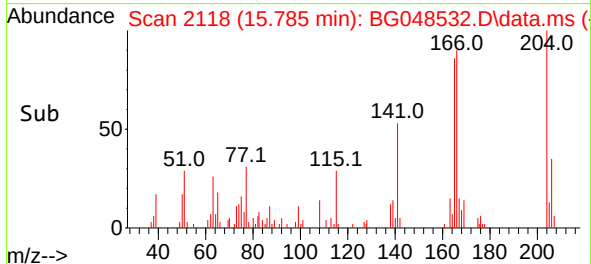
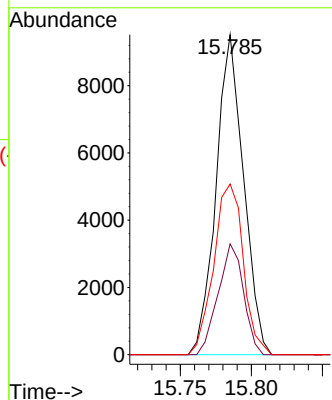
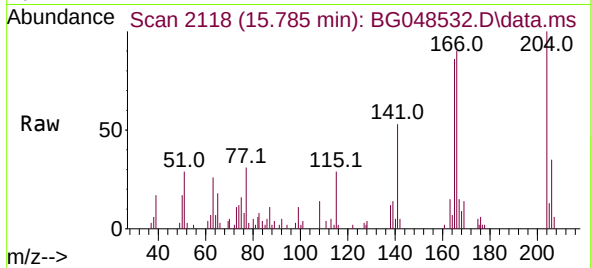
#61
4-Chlorophenyl-phenylether
Concen: 5.82 ng
RT: 15.785 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	204	Resp:	12794
Ion Ratio	Lower	Upper	
204	100		
206	34.6	23.8	35.8
141	53.4	44.0	66.0

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

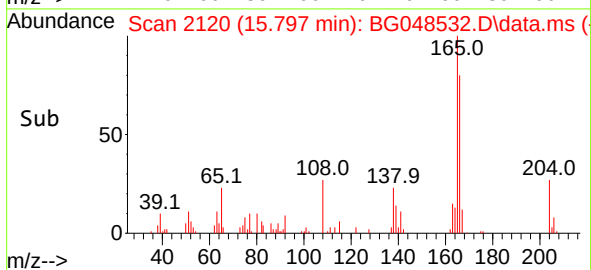
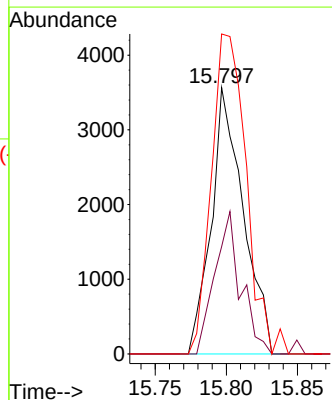
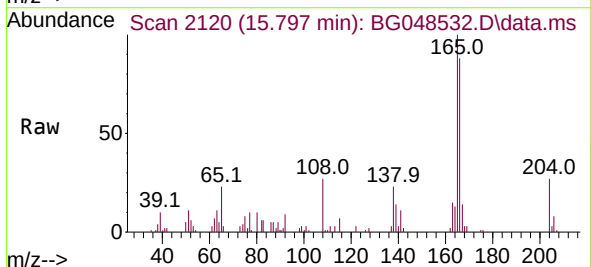
Manual Integrations
APPROVED

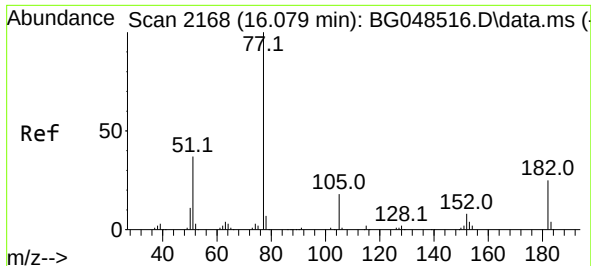
mohammad
4/1/2021 10:50:47 AM



#62
4-Nitroaniline
Concen: 6.05 ng
RT: 15.797 min Scan# 2120
Delta R.T. -0.021 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:	138	Resp:	5582
Ion Ratio	Lower	Upper	
138	100		
92	40.3	32.2	72.2
108	120.2	104.1	144.1





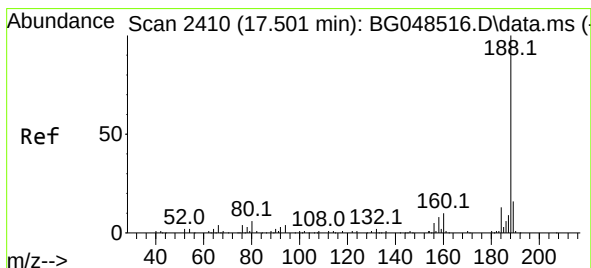
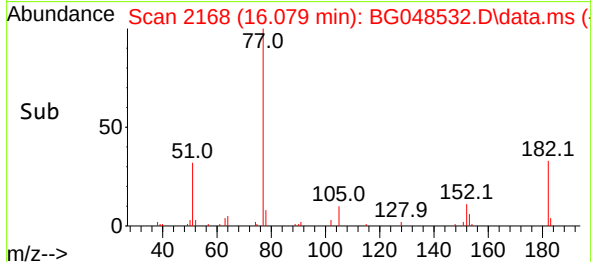
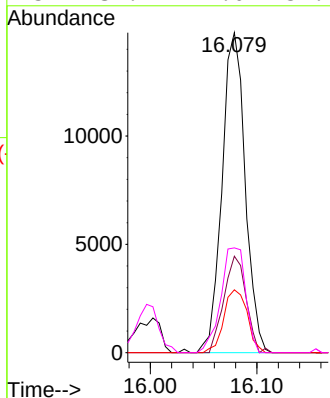
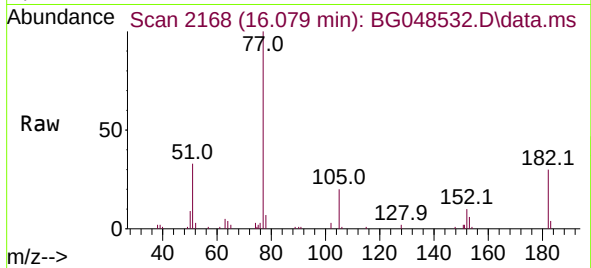
#63
Azobenzene
Concen: 5.60 ng
RT: 16.079 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 77	Resp: 22262
Ion Ratio	Lower Upper
77 100	
182 30.2	5.3 45.3
105 19.6	0.0 37.8
51 32.7	17.0 57.0

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

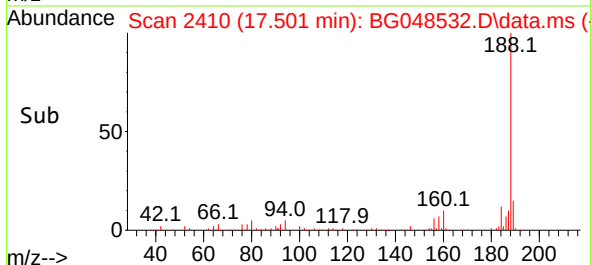
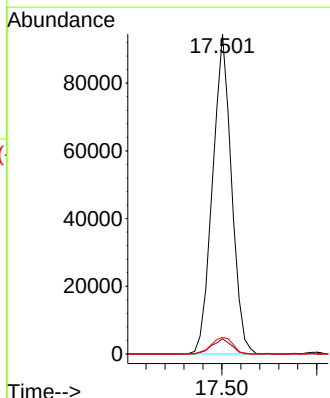
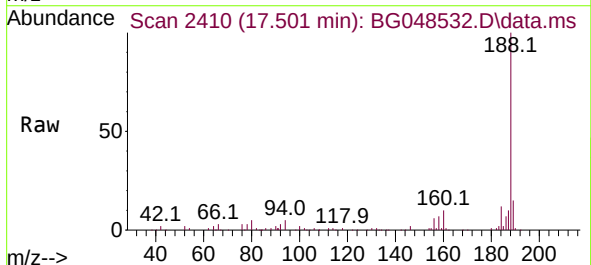
Manual Integrations
APPROVED

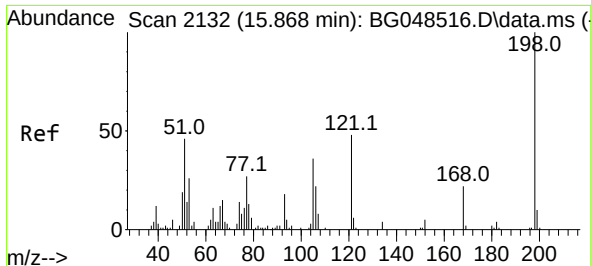
mohammad
4/1/2021 10:50:47 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion: 188	Resp: 130886
Ion Ratio	Lower Upper
188 100	
94 4.8	3.0 4.6#
80 5.1	4.5 6.7





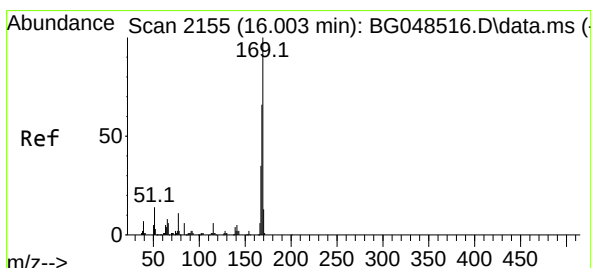
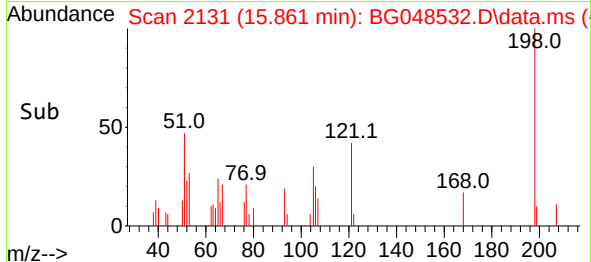
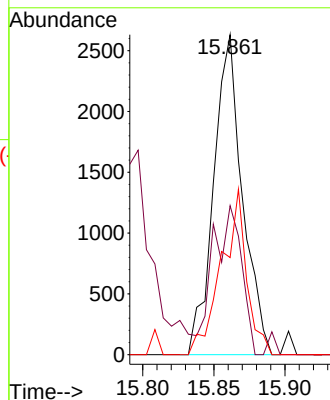
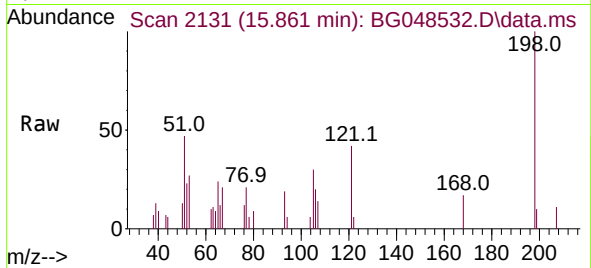
#65
4,6-Dinitro-2-methylphenol
Concen: 4.72 ng
RT: 15.861 min Scan# 2131
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:198 Resp: 3709
Ion Ratio Lower Upper
198 100
51 46.6 26.5 66.5
105 30.4 16.0 56.0

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

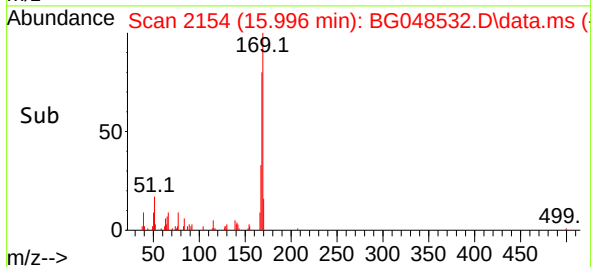
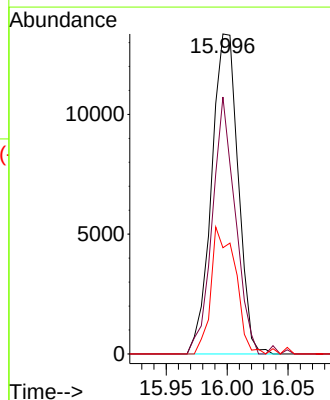
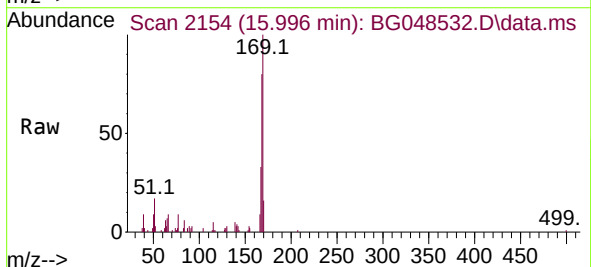
Manual Integrations
APPROVED

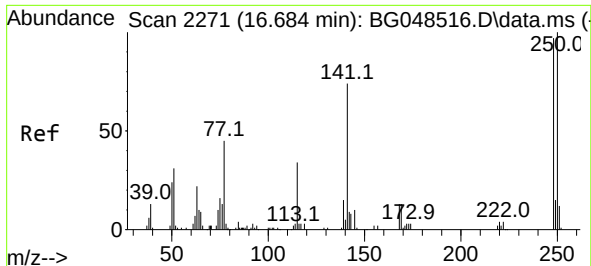
mohammad
4/1/2021 10:50:47 AM



#66
n-Nitrosodiphenylamine
Concen: 5.44 ng
RT: 15.996 min Scan# 2154
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

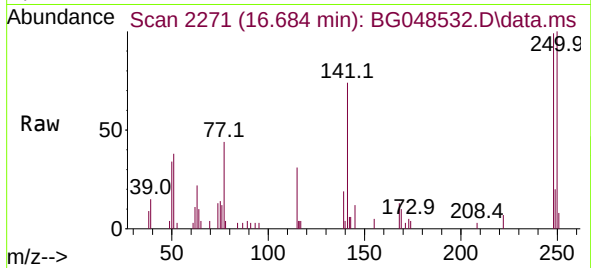
Tgt Ion:169 Resp: 20247
Ion Ratio Lower Upper
169 100
168 80.3 52.7 79.1#
167 33.2 27.8 41.8





#67
4-Bromophenyl-phenylether
Concen: 5.78 ng
RT: 16.684 min Scan# 2271
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

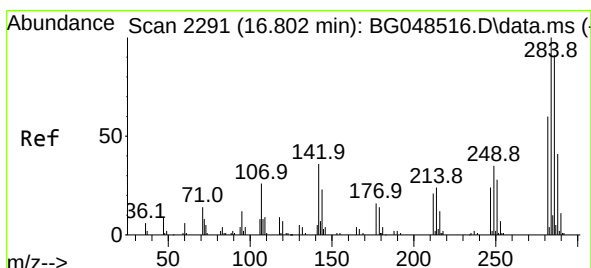
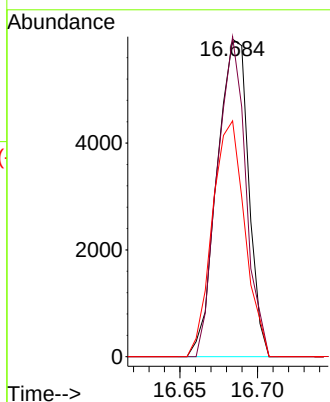
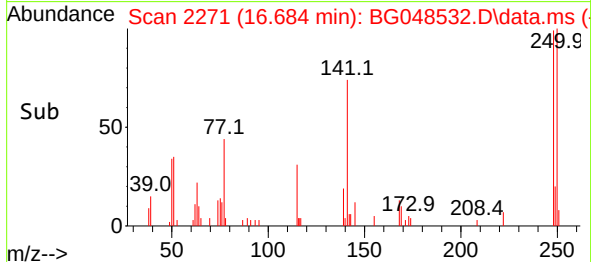
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



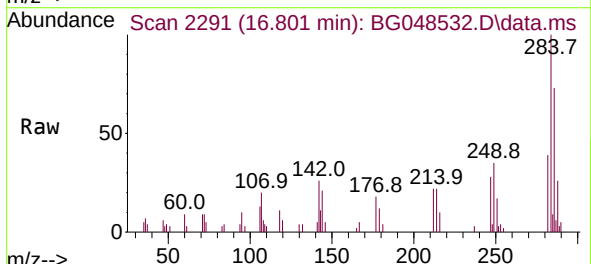
Tgt Ion:248 Resp: 8384
Ion Ratio Lower Upper
248 100
250 100.8 82.6 124.0
141 74.3 61.0 91.6

Manual Integrations
APPROVED

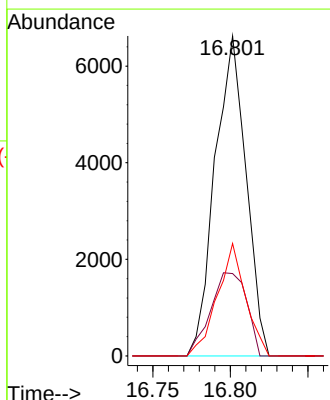
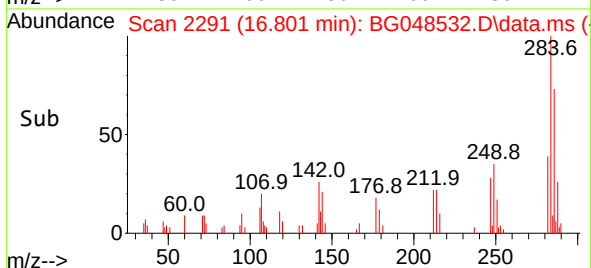
mohammad
4/1/2021 10:50:47 AM

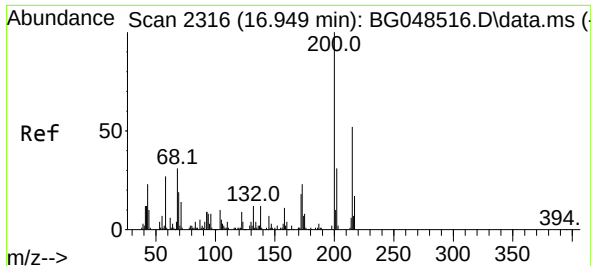


#68
Hexachlorobenzene
Concen: 6.07 ng
RT: 16.801 min Scan# 2291
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



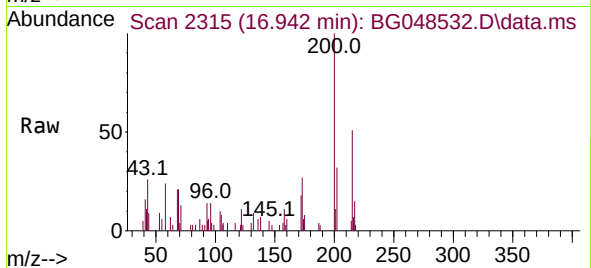
Tgt Ion:284 Resp: 9199
Ion Ratio Lower Upper
284 100
142 25.7 29.1 43.7#
249 35.1 27.7 41.5





#69
Atrazine
Concen: 5.56 ng
RT: 16.942 min Scan# 2315
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

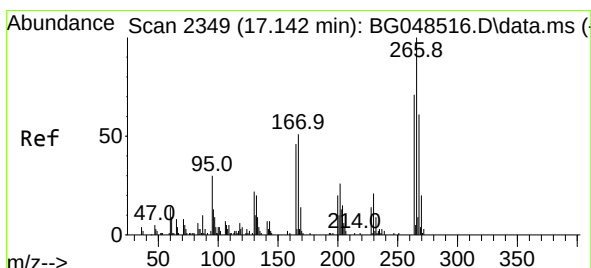
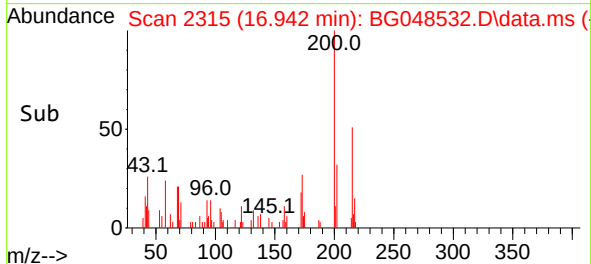
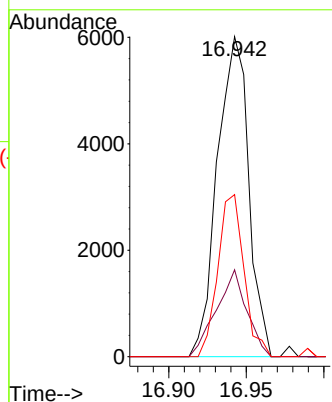
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



Tgt Ion:200 Resp: 8437
Ion Ratio Lower Upper
200 100
173 27.1 2.8 42.8
215 50.7 31.7 71.7

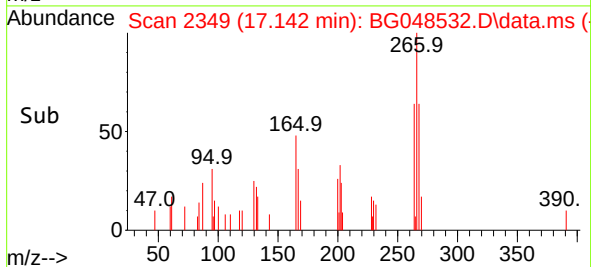
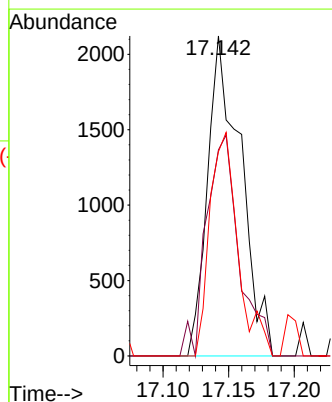
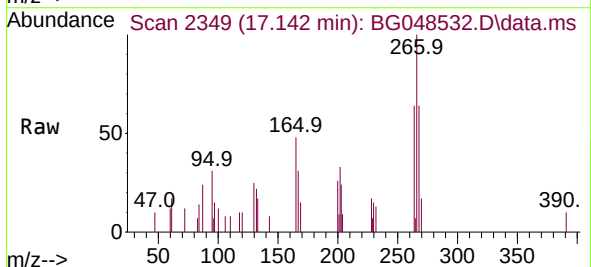
Manual Integrations
APPROVED

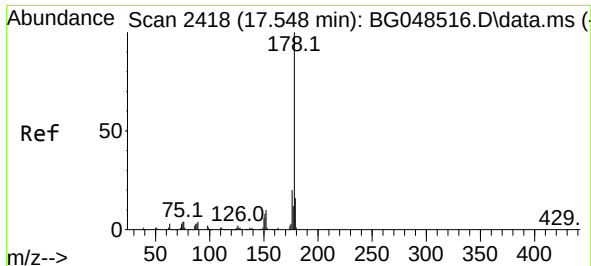
mohammad
4/1/2021 10:50:47 AM



#70
Pentachlorophenol
Concen: 3.95 ng
RT: 17.142 min Scan# 2349
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion:266 Resp: 3716
Ion Ratio Lower Upper
266 100
268 64.4 48.6 73.0
264 71.1 56.4 84.6





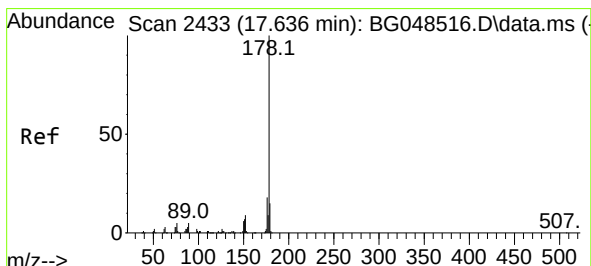
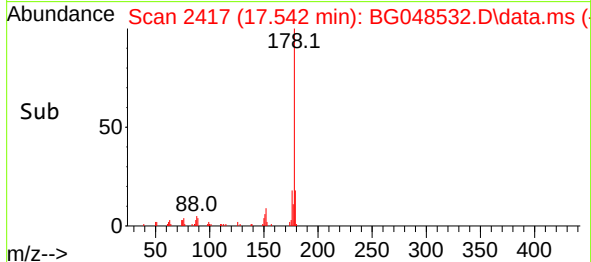
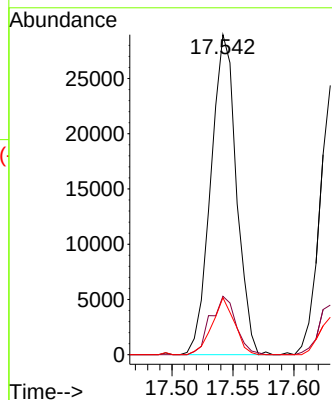
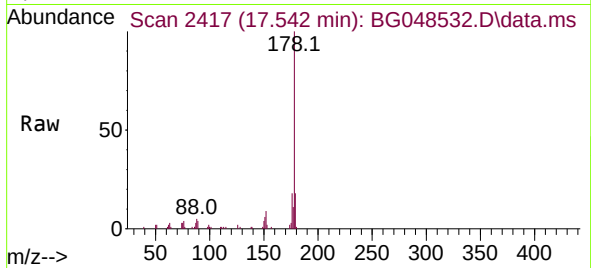
#71
Phenanthrene
Concen: 6.24 ng
RT: 17.542 min Scan# 2417
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	17.8	12.9	19.3

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

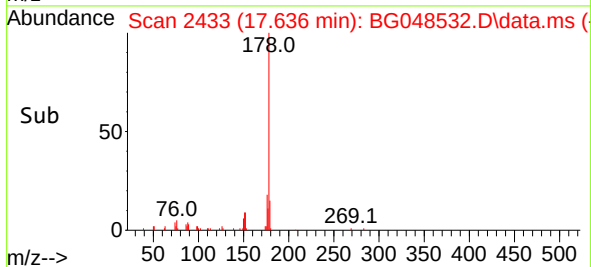
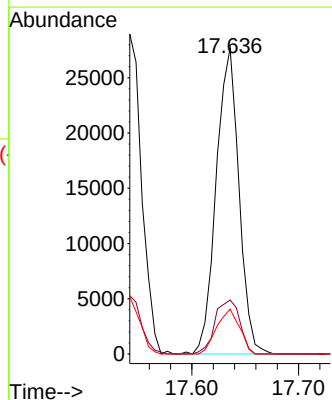
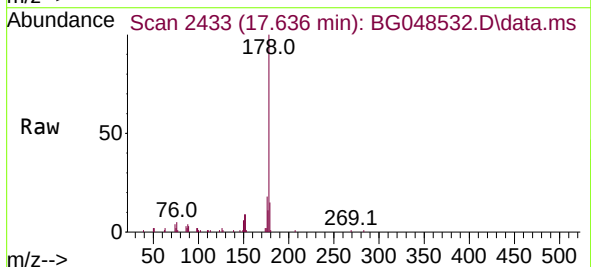
Manual Integrations
APPROVED

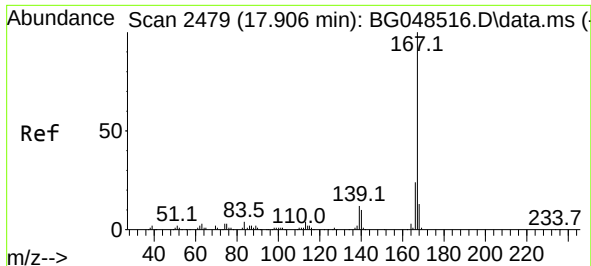
mohammad
4/1/2021 10:50:47 AM



#72
Anthracene
Concen: 6.05 ng
RT: 17.636 min Scan# 2433
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

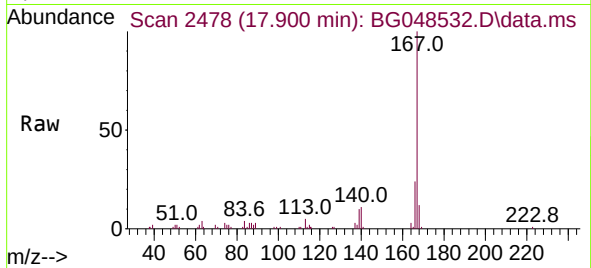
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.1	21.1
179	14.7	11.9	17.9





#73
Carbazole
Concen: 5.84 ng
RT: 17.900 min Scan# 2478
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

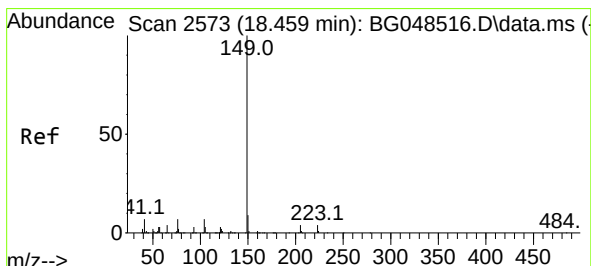
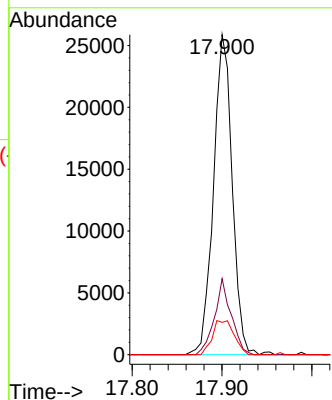
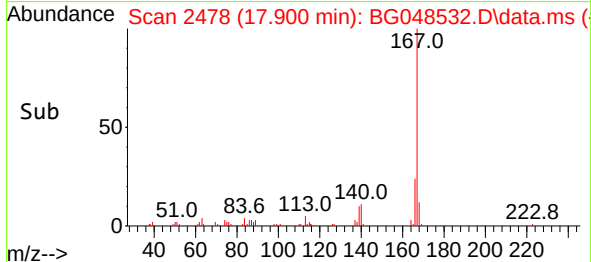
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



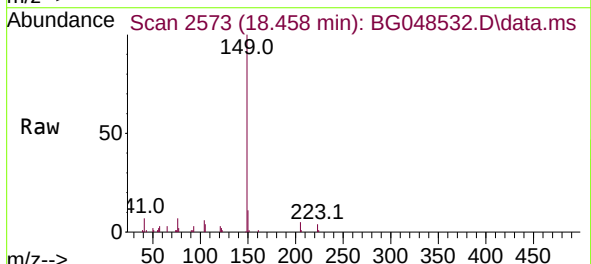
Tgt Ion:167 Resp: 37478
Ion Ratio Lower Upper
167 100
166 23.7 19.0 28.6
139 10.1 10.0 15.0

Manual Integrations
APPROVED

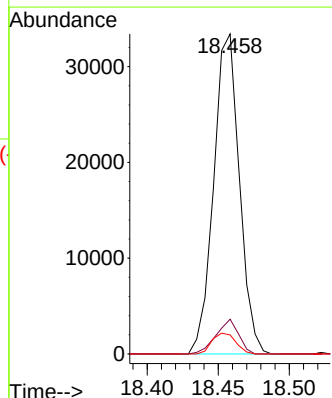
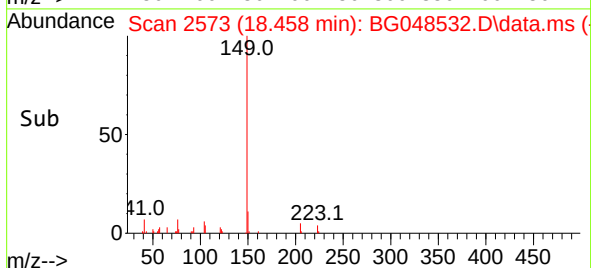
mohammad
4/1/2021 10:50:47 AM

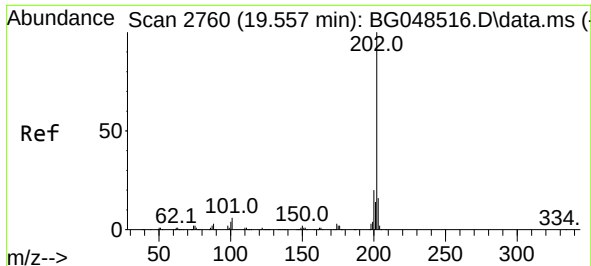


#74
Di-n-butylphthalate
Concen: 5.86 ng
RT: 18.458 min Scan# 2573
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



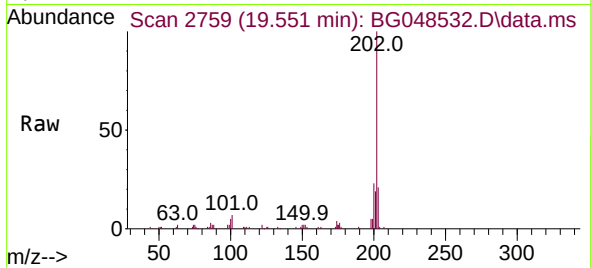
Tgt Ion:149 Resp: 42021
Ion Ratio Lower Upper
149 100
150 10.8 7.0 10.4#
104 6.0 5.9 8.9





#75
Fluoranthene
Concen: 5.78 ng
RT: 19.551 min Scan# 2759
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

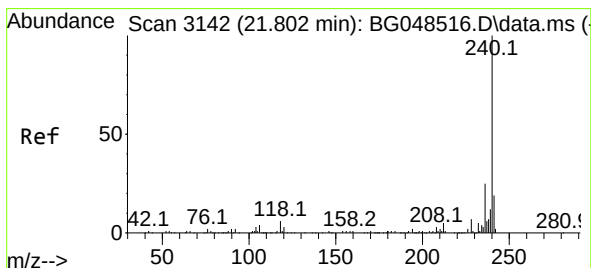
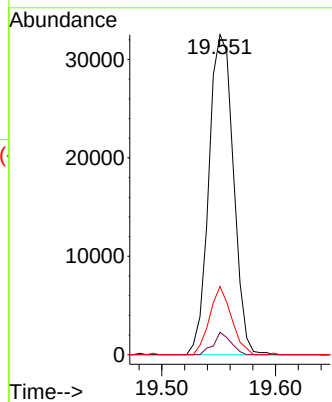
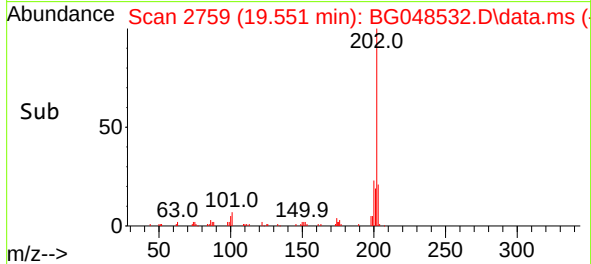
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



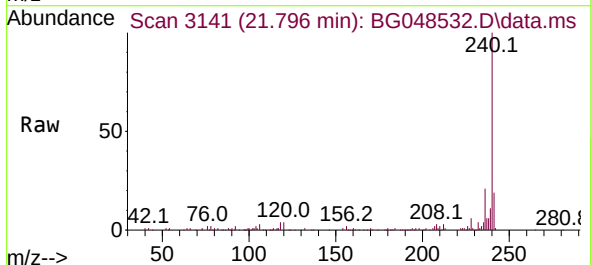
Tgt Ion:202 Resp: 48710
Ion Ratio Lower Upper
202 100
101 7.0 0.0 25.8
203 21.3 0.0 36.4

Manual Integrations
APPROVED

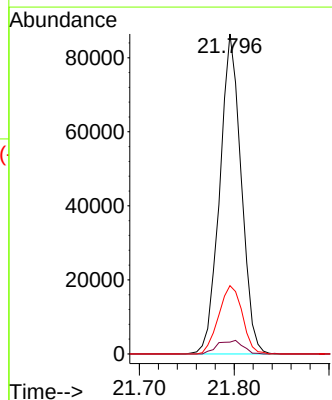
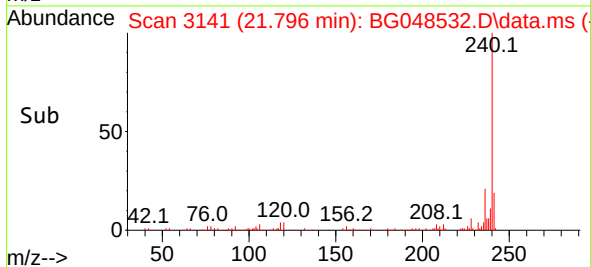
mohammad
4/1/2021 10:50:47 AM

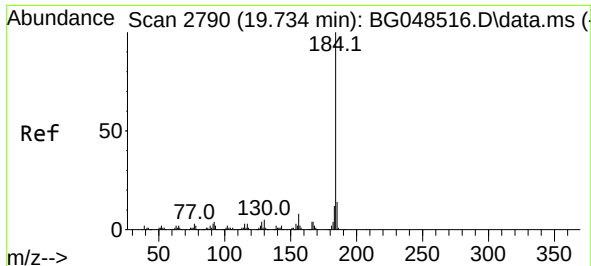


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



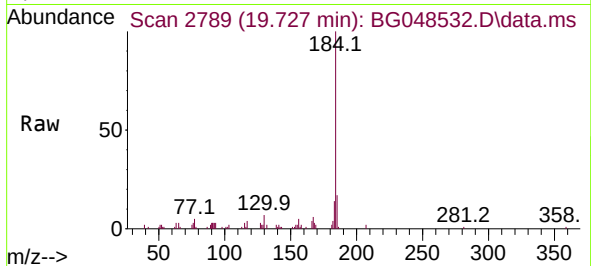
Tgt Ion:240 Resp: 135839
Ion Ratio Lower Upper
240 100
120 3.7 2.6 3.8
236 21.3 19.8 29.6





#77
Benzidine
Concen: 5.27 ng
RT: 19.727 min Scan# 2789
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

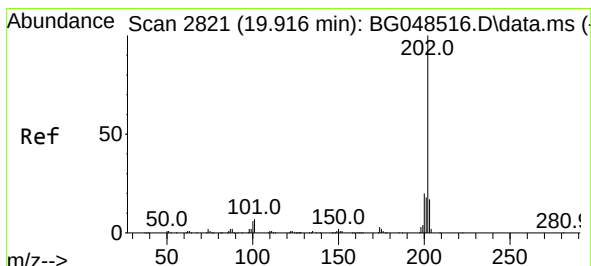
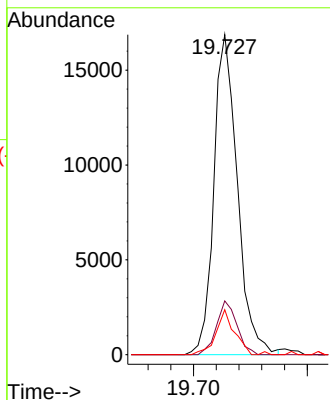
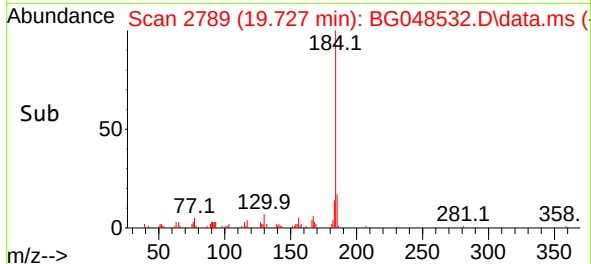
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



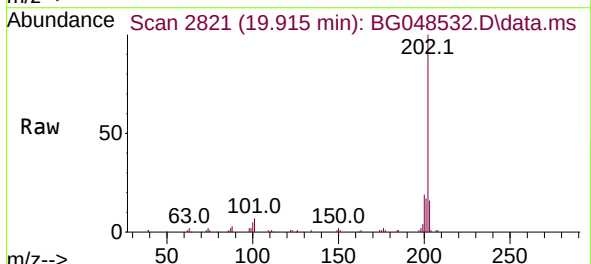
Tgt Ion:184 Resp: 24238
Ion Ratio Lower Upper
184 100
185 16.8 11.0 16.4#
183 14.0 9.2 13.8#

Manual Integrations
APPROVED

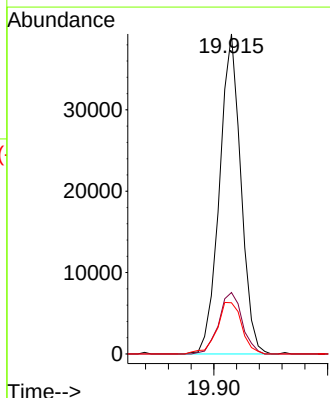
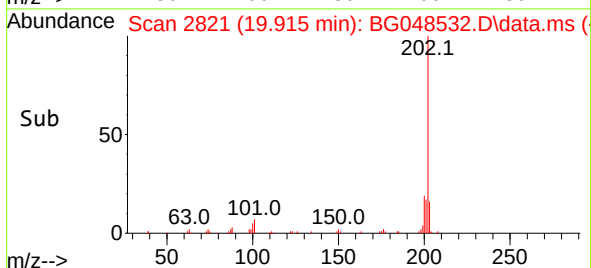
mohammad
4/1/2021 10:50:47 AM

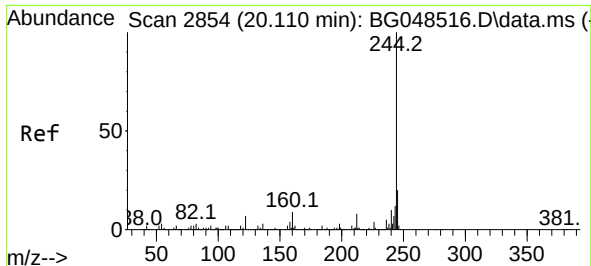


#78
Pyrene
Concen: 5.49 ng
RT: 19.915 min Scan# 2821
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

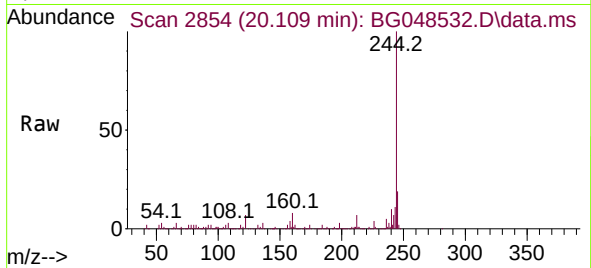


Tgt Ion:202 Resp: 51301
Ion Ratio Lower Upper
202 100
200 19.2 16.1 24.1
203 16.0 13.6 20.4

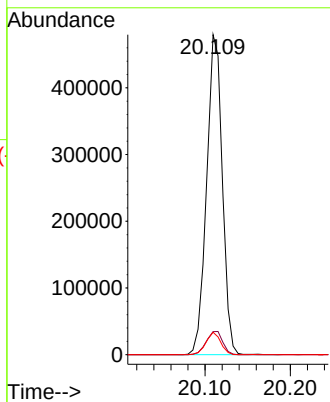
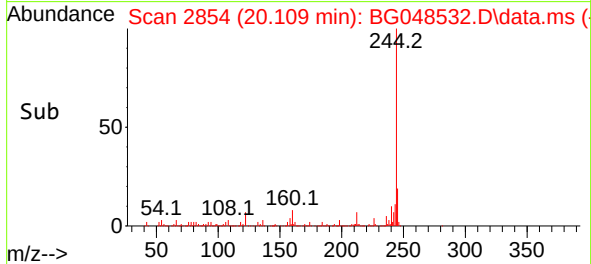




#79
Terphenyl-d14
Concen: 82.40 ng
RT: 20.109 min Scan# 2854
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



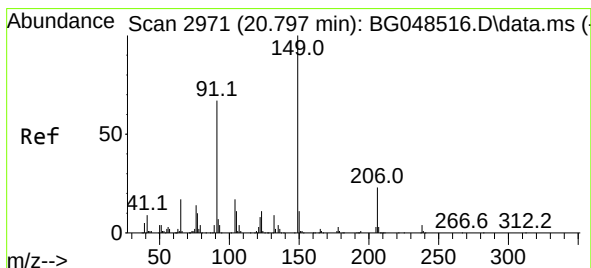
Tgt Ion:244 Resp: 612048
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 7.0 5.8 8.6



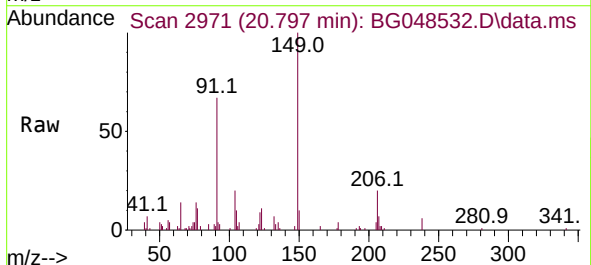
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

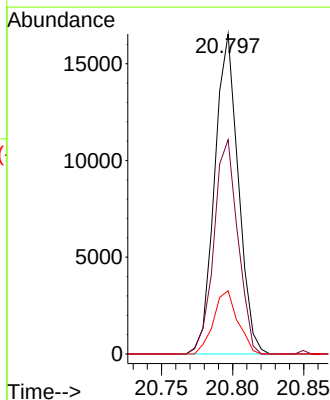
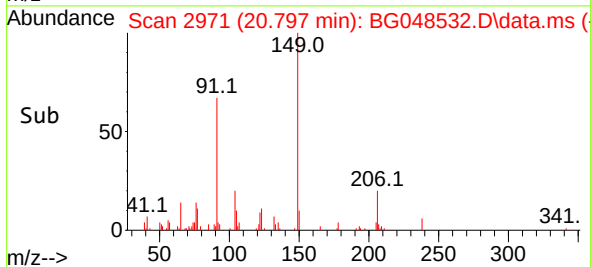
mohammad
4/1/2021 10:50:47 AM

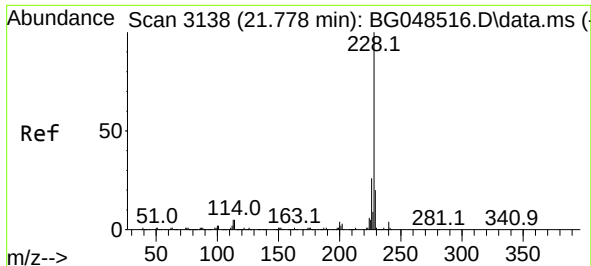


#80
Butylbenzylphthalate
Concen: 5.51 ng
RT: 20.797 min Scan# 2971
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



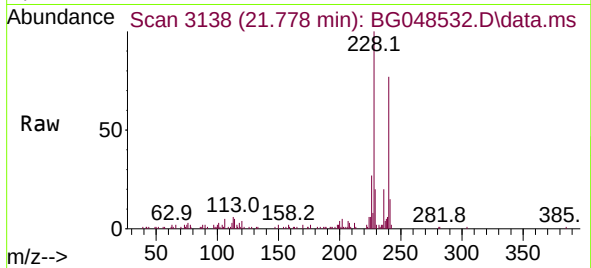
Tgt Ion:149 Resp: 19126
Ion Ratio Lower Upper
149 100
91 66.9 53.6 80.4
206 19.8 18.3 27.5





#81
Benzo(a)anthracene
Concen: 5.41 ng
RT: 21.778 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

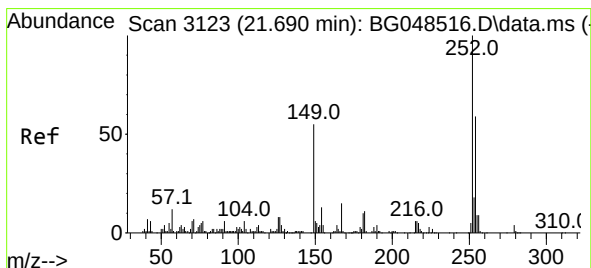
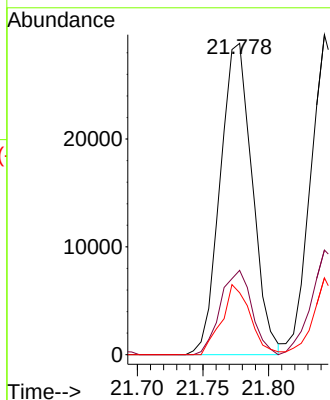
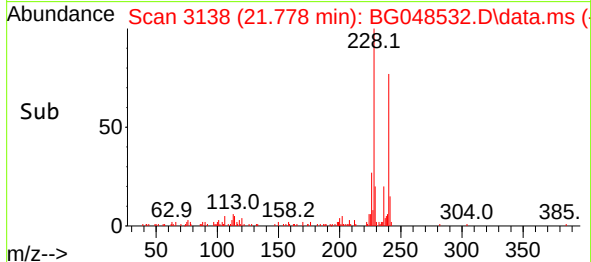
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



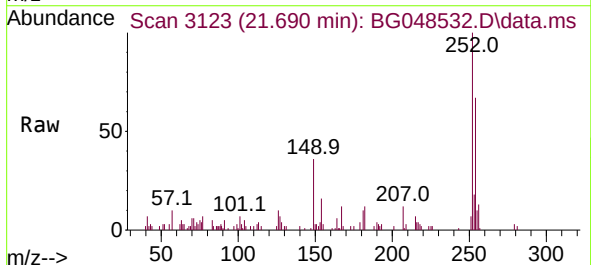
Tgt Ion:228 Resp: 49106
Ion Ratio Lower Upper
228 100
226 27.1 20.6 30.8
229 19.9 15.8 23.8

Manual Integrations
APPROVED

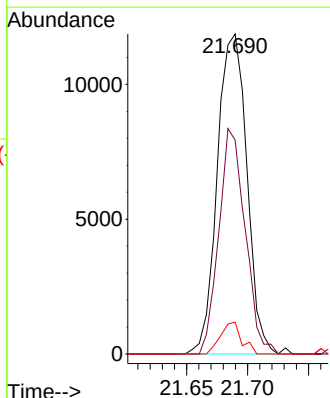
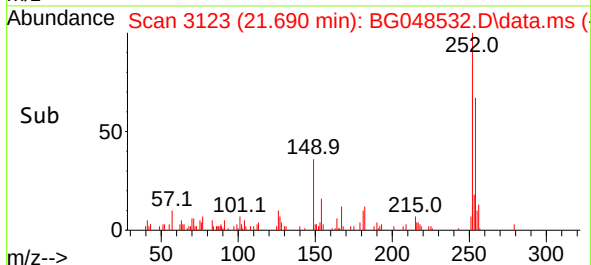
mohammad
4/1/2021 10:50:47 AM

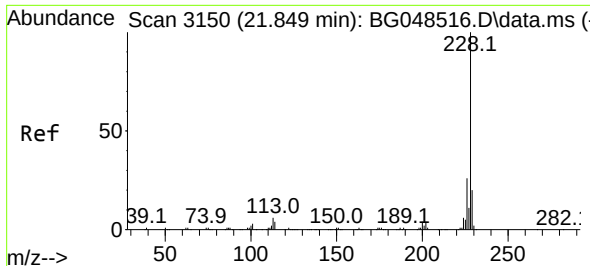


#82
3,3'-Dichlorobenzidine
Concen: 6.41 ng
RT: 21.690 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

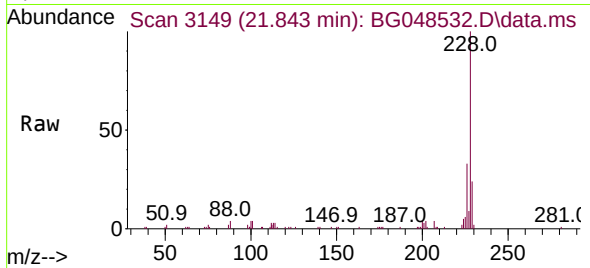


Tgt Ion:252 Resp: 19994
Ion Ratio Lower Upper
252 100
254 66.8 47.4 71.2
126 10.0 6.1 9.1#

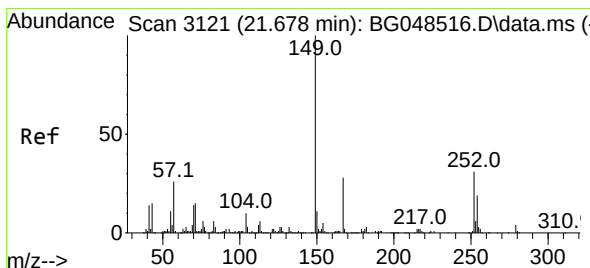
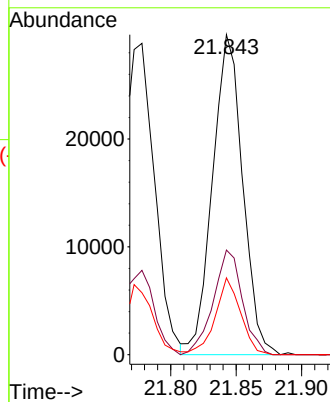
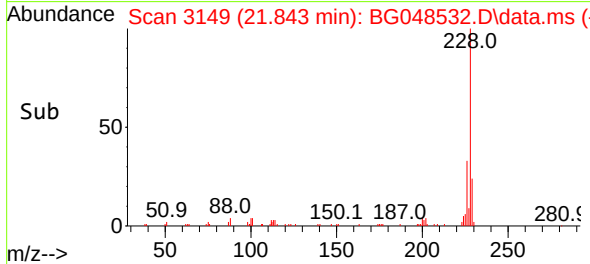




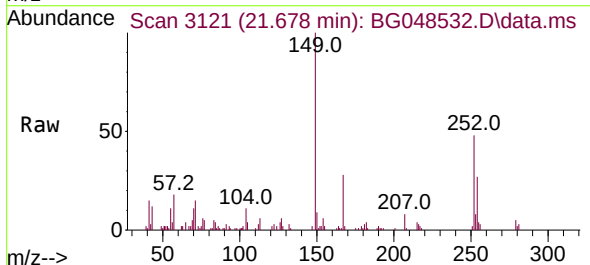
#83
Chrysene
Concen: 5.48 ng m
RT: 21.843 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



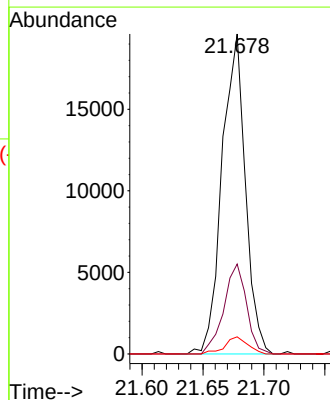
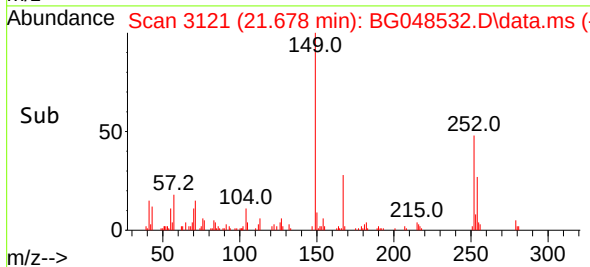
Tgt Ion:228 Resp: 47495
Ion Ratio Lower Upper
228 100
226 32.7 20.6 31.0#
229 24.0 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.40 ng
RT: 21.678 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



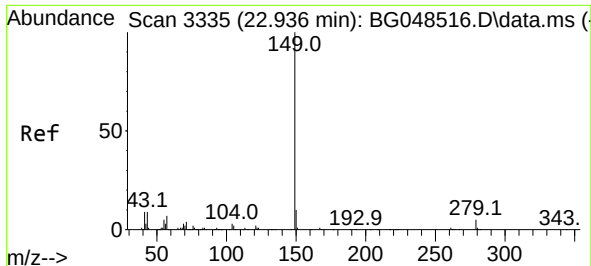
Tgt Ion:149 Resp: 26088
Ion Ratio Lower Upper
149 100
167 28.1 22.4 33.6
279 5.4 3.4 5.2#



Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

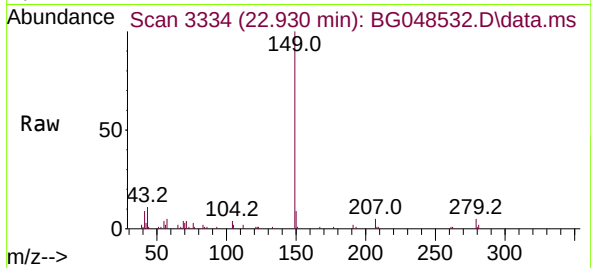
Manual Integrations
APPROVED

mohammad
4/1/2021 10:50:47 AM



#85
Di-n-octyl phthalate
Concen: 5.30 ng
RT: 22.930 min Scan# 3334
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

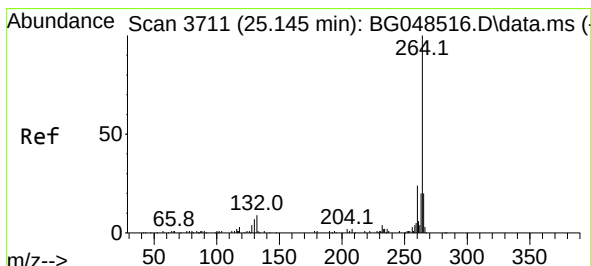
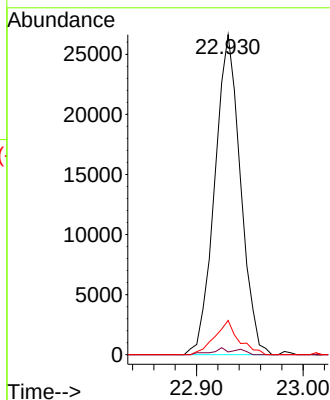
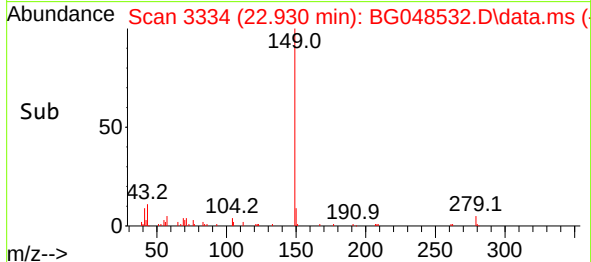
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021



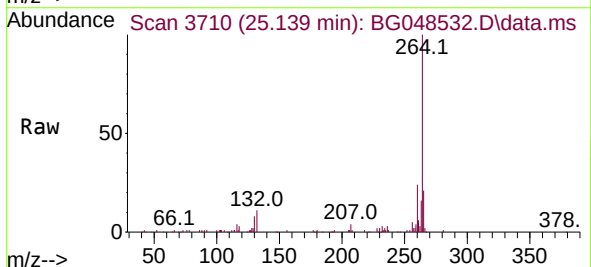
Tgt Ion:149 Resp: 44632
Ion Ratio Lower Upper
149 100
167 2.1 1.2 1.8#
43 10.0 7.4 11.0

Manual Integrations
APPROVED

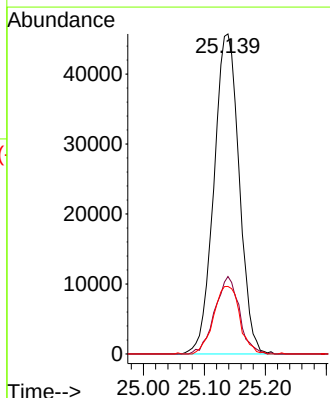
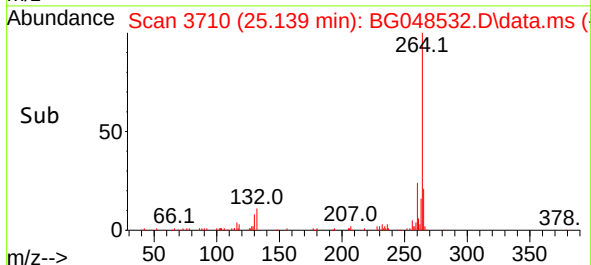
mohammad
4/1/2021 10:50:47 AM

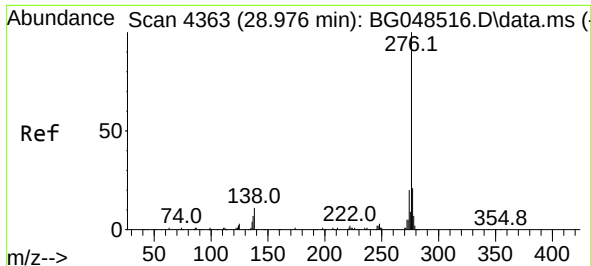


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.139 min Scan# 3710
Delta R.T. -0.010 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



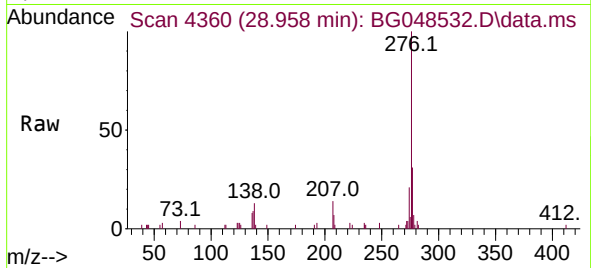
Tgt Ion:264 Resp: 131540
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.1 16.1 24.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.89 ng
 RT: 28.958 min Scan# 4360
 Delta R.T. -0.027 min
 Lab File: BG048532.D
 Acq: 31 Mar 2021 17:59

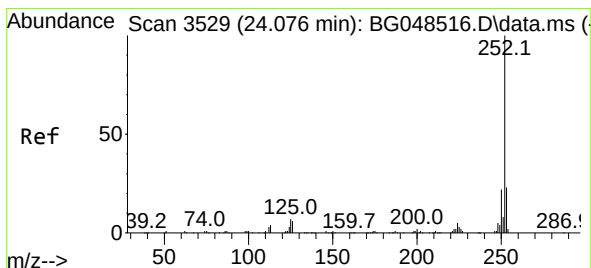
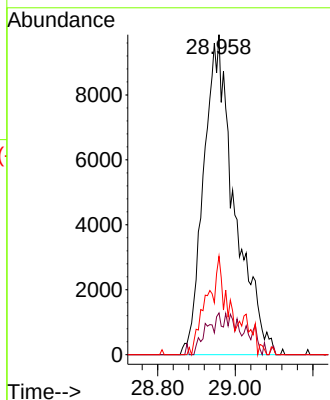
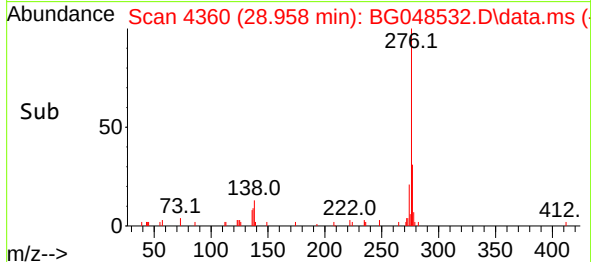
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2021



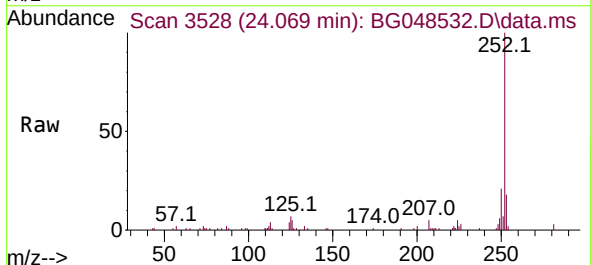
Tgt Ion:276 Resp: 54353
 Ion Ratio Lower Upper
 276 100
 138 1.0 7.8 11.8#
 277 20.2 0.0 0.0#

Manual Integrations
 APPROVED

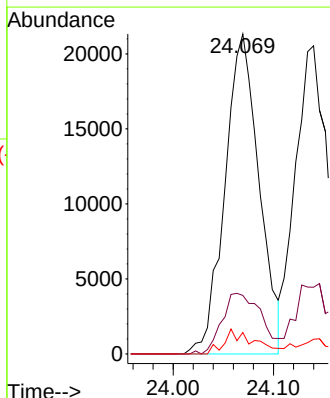
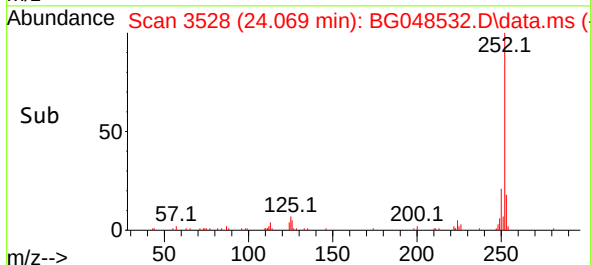
mohammad
 4/1/2021 10:50:47 AM

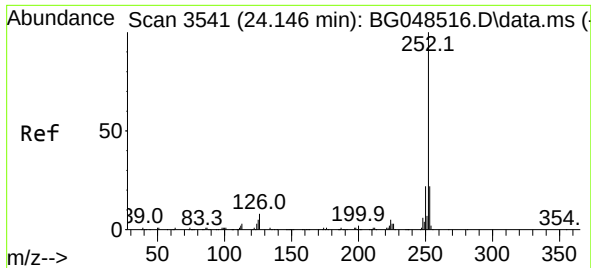


#88
 Benzo(b)fluoranthene
 Concen: 5.92 ng
 RT: 24.069 min Scan# 3528
 Delta R.T. -0.015 min
 Lab File: BG048532.D
 Acq: 31 Mar 2021 17:59



Tgt Ion:252 Resp: 50560
 Ion Ratio Lower Upper
 252 100
 253 18.3 18.2 27.4
 125 6.7 5.3 7.9





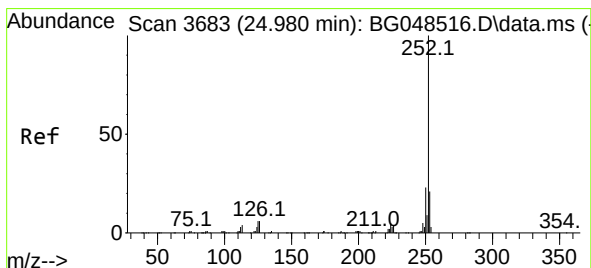
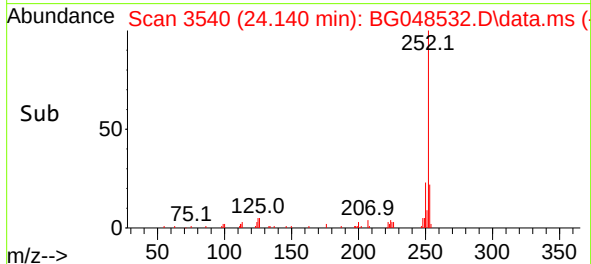
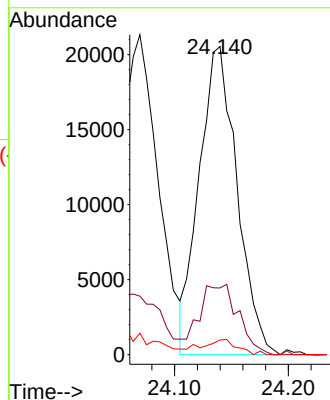
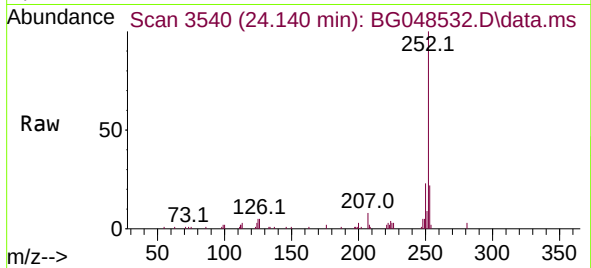
#89
Benzo(k)fluoranthene
Concen: 5.78 ng
RT: 24.140 min Scan# 3540
Delta R.T. -0.015 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	4.8	3.9	5.9

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

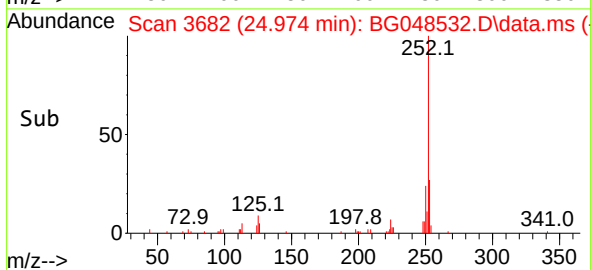
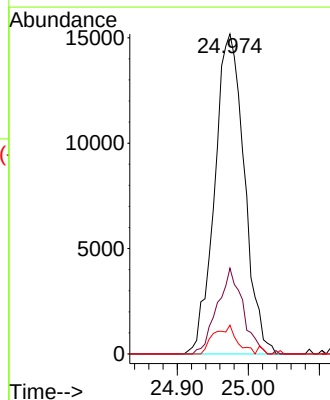
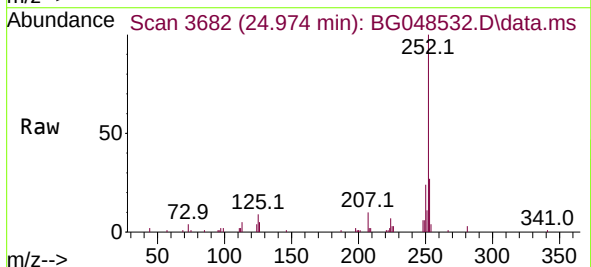
Manual Integrations
APPROVED

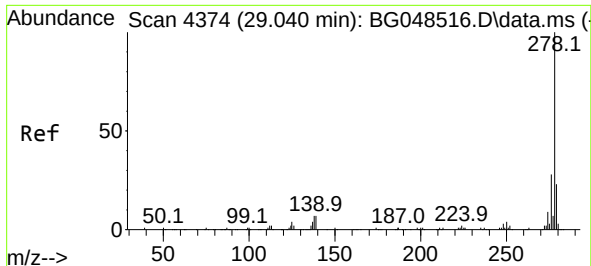
mohammad
4/1/2021 10:50:47 AM



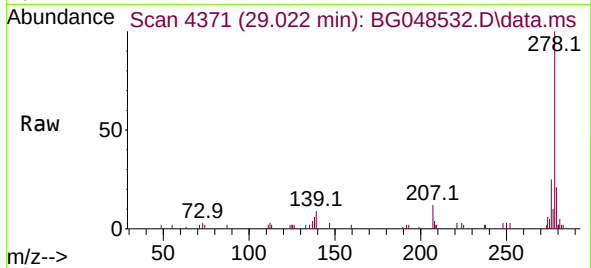
#90
Benzo(a)pyrene
Concen: 5.58 ng
RT: 24.974 min Scan# 3682
Delta R.T. -0.015 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.1	25.7#
125	9.0	4.4	6.6#

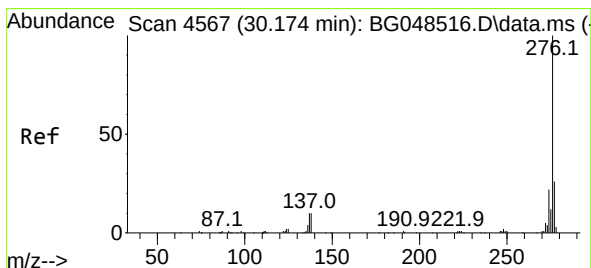
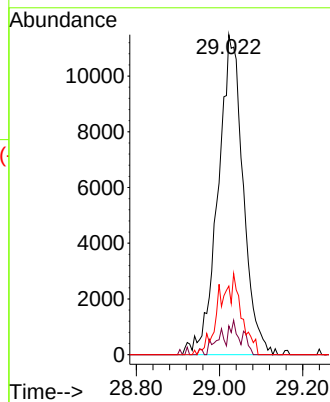
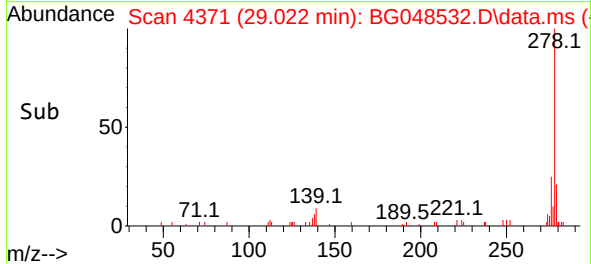




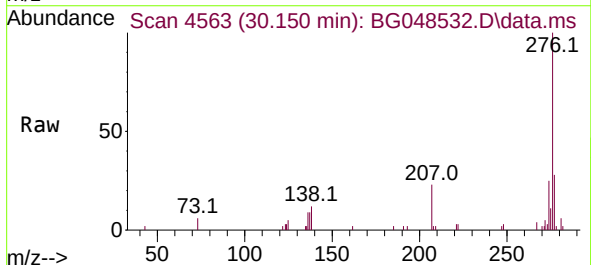
#91
Dibenzo(a,h)anthracene
Concen: 6.11 ng
RT: 29.022 min Scan# 4371
Delta R.T. -0.033 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



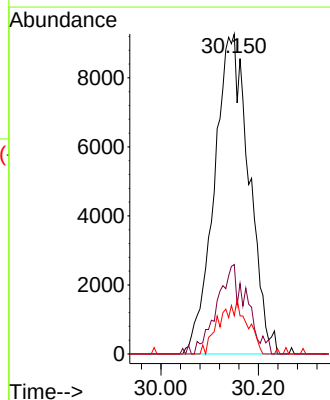
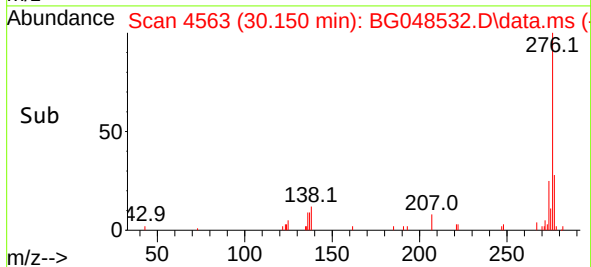
Tgt Ion: 278 Resp: 48119
Ion Ratio Lower Upper
278 100
139 9.0 5.8 8.6#
279 21.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 5.94 ng
RT: 30.150 min Scan# 4563
Delta R.T. -0.039 min
Lab File: BG048532.D
Acq: 31 Mar 2021 17:59



Tgt Ion: 276 Resp: 45768
Ion Ratio Lower Upper
276 100
277 27.9 20.4 30.6
138 11.9 8.1 12.1



Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

mohammad
4/1/2021 10:50:47 AM