

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049166.D
 Acq On : 2 Jul 2021 13:56
 Operator : CG/JU
 Sample : PB137489BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137489BS

Manual Integrations
 APPROVED

mohammad
 7/7/2021 11:34:32 AM

Quant Time: Jul 02 14:50:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	36994	20.00	ng	0.00
21) Naphthalene-d8	10.910	136	157236	20.00	ng	# 0.00
39) Acenaphthene-d10	14.735	164	113560	20.00	ng	0.00
64) Phenanthrene-d10	17.479	188	260807	20.00	ng	# 0.00
76) Chrysene-d12	21.768	240	246922	20.00	ng	0.00
86) Perylene-d12	25.070	264	259572	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	306468	129.75	ng	0.00
7) Phenol-d6	7.244	99	404977	120.26	ng	0.00
23) Nitrobenzene-d5	9.259	82	282106	76.07	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	228026	115.83	ng	0.00
45) 2-Fluorobiphenyl	13.354	172	643951	76.50	ng	0.00
79) Terphenyl-d14	20.088	244	1124699	77.18	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.507	88	30857	29.76	ng	# 84
3) Pyridine	3.912	79	76510	27.29	ng	91
4) n-Nitrosodimethylamine	3.830	42	60463	37.97	ng	# 81
6) Aniline	7.402	93	160836	39.23	ng	93
8) 2-Chlorophenol	7.649	128	110662	42.70	ng	89
9) Benzaldehyde	7.220	77	77161	43.56	ng	# 81
10) Phenol	7.267	94	145148	42.91	ng	92
11) bis(2-Chloroethyl)ether	7.502	93	101046	40.95	ng	87
12) 1,3-Dichlorobenzene	7.978	146	112744	38.90	ng	97
13) 1,4-Dichlorobenzene	8.125	146	114003	39.11	ng	97
14) 1,2-Dichlorobenzene	8.442	146	110873	39.51	ng	91
15) Benzyl Alcohol	8.325	79	125011	42.16	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.613	45	165324	39.47	ng	86
17) 2-Methylphenol	8.525	107	97998	42.99	ng	96
18) Hexachloroethane	9.183	117	46592	40.03	ng	97
19) n-Nitroso-di-n-propyla...	8.895	70	95598	39.50	ng	# 93
20) 3+4-Methylphenols	8.860	107	134693	42.62	ng	99
22) Acetophenone	8.912	105	183154	39.05	ng	# 96
24) Nitrobenzene	9.300	77	148467	36.95	ng	95
25) Isophorone	9.823	82	248852	34.93	ng	98
26) 2-Nitrophenol	10.011	139	62091	38.81	ng	96
27) 2,4-Dimethylphenol	10.070	122	105890	44.12	ng	95
28) bis(2-Chloroethoxy)met...	10.305	93	137896	41.05	ng	95
29) 2,4-Dichlorophenol	10.552	162	116240	40.38	ng	90
30) 1,2,4-Trichlorobenzene	10.769	180	126655	37.36	ng	97
31) Naphthalene	10.957	128	338934	37.02	ng	99
32) Benzoic acid	10.229	122	73606	39.28	ng	# 72
33) 4-Chloroaniline	11.063	127	96844	25.58	ng	96
34) Hexachlorobutadiene	11.245	225	89440	35.71	ng	94
35) Caprolactam	11.844	113	36891m	40.38	ng	
36) 4-Chloro-3-methylphenol	12.185	107	132171	39.91	ng	97
37) 2-Methylnaphthalene	12.561	142	260045	37.72	ng	95
38) 1-Methylnaphthalene	12.779	142	240242	36.80	ng	93
40) 1,2,4,5-Tetrachloroben...	12.931	216	151327	38.20	ng	98
41) Hexachlorocyclopentadiene	12.908	237	235848	100.50	ng	94
43) 2,4,6-Trichlorophenol	13.160	196	105333	38.50	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049166.D
 Acq On : 2 Jul 2021 13:56
 Operator : CG/JU
 Sample : PB137489BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137489BS

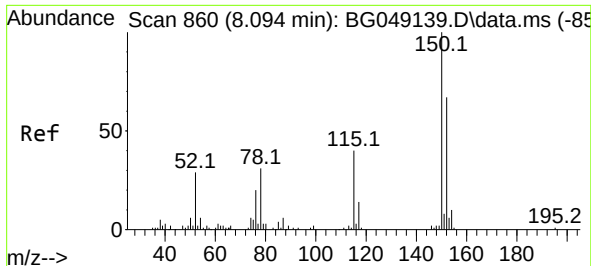
Manual Integrations
 APPROVED

mohammad
 7/7/2021 11:34:32 AM

Quant Time: Jul 02 14:50:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

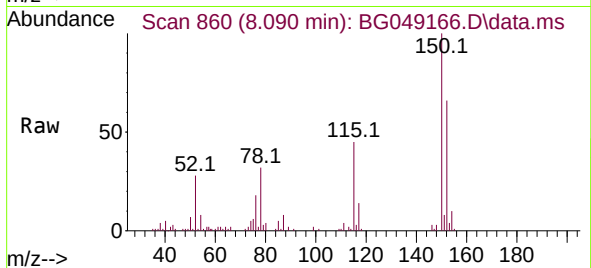
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.237	196	117691	39.34	ng	90
46) 1,1'-Biphenyl	13.566	154	330603	38.97	ng	98
47) 2-Chloronaphthalene	13.613	162	258911	37.09	ng	97
48) 2-Nitroaniline	13.807	65	100679	39.55	ng	96
49) Acenaphthylene	14.459	152	426371	38.74	ng	96
50) Dimethylphthalate	14.183	163	355805	39.04	ng	98
51) 2,6-Dinitrotoluene	14.300	165	78182	37.42	ng	92
52) Acenaphthene	14.800	154	257981	37.61	ng	96
53) 3-Nitroaniline	14.635	138	59598	29.70	ng	92
54) 2,4-Dinitrophenol	14.841	184	93104	65.87	ng	89
55) Dibenzofuran	15.129	168	413708	37.05	ng	98
56) 4-Nitrophenol	14.941	139	128788	78.75	ng	# 91
57) 2,4-Dinitrotoluene	15.088	165	113143	38.12	ng	97
58) Fluorene	15.781	166	346837	37.56	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.352	232	109549	39.34	ng	98
60) Diethylphthalate	15.540	149	380058	39.36	ng	98
61) 4-Chlorophenyl-phenyle...	15.769	204	190230	37.21	ng	97
62) 4-Nitroaniline	15.799	138	77645	37.24	ng	89
63) Azobenzene	16.063	77	359705	36.95	ng	90
65) 4,6-Dinitro-2-methylph...	15.851	198	63200	33.92	ng	93
66) n-Nitrosodiphenylamine	15.981	169	303716	37.23	ng	97
67) 4-Bromophenyl-phenylether	16.662	248	132884	37.77	ng	97
68) Hexachlorobenzene	16.786	284	145392	37.38	ng	99
69) Atrazine	16.932	200	131165	48.42	ng	97
70) Pentachlorophenol	17.132	266	183460	81.03	ng	98
71) Phenanthrene	17.526	178	560643	37.33	ng	98
72) Anthracene	17.614	178	575437	38.44	ng	99
73) Carbazole	17.884	167	519723	36.41	ng	98
74) Di-n-butylphthalate	18.437	149	641952	39.12	ng	99
75) Fluoranthene	19.529	202	691717	36.79	ng	99
77) Benzidine	19.706	184	412538	77.78	ng	97
78) Pyrene	19.894	202	683762	37.28	ng	96
80) Butylbenzylphthalate	20.769	149	266208	38.31	ng	96
81) Benzo(a)anthracene	21.744	228	666189	36.17	ng	99
82) 3,3'-Dichlorobenzidine	21.656	252	184854	29.50	ng	100
83) Chrysene	21.815	228	644073	36.81	ng	97
84) Bis(2-ethylhexyl)phtha...	21.645	149	381394	38.86	ng	96
85) Di-n-octyl phthalate	22.890	149	638649	38.67	ng	97
87) Indeno(1,2,3-cd)pyrene	28.860	276	797979	38.53	ng	# 96
88) Benzo(b)fluoranthene	24.018	252	700573	37.40	ng	# 96
89) Benzo(k)fluoranthene	24.089	252	674955	37.77	ng	# 98
90) Benzo(a)pyrene	24.917	252	684816	39.63	ng	# 97
91) Dibenzo(a,h)anthracene	28.936	278	665681	38.08	ng	# 97
92) Benzo(g,h,i)perylene	30.047	276	659679	38.28	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

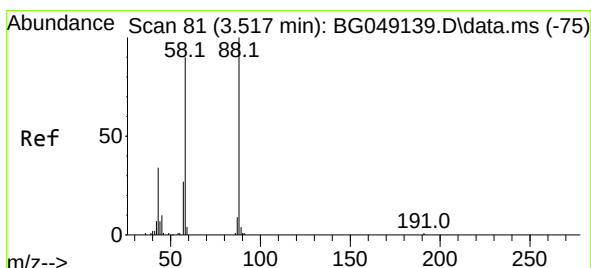
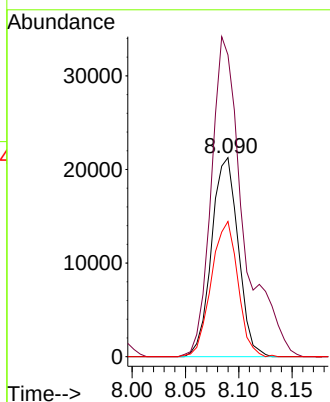
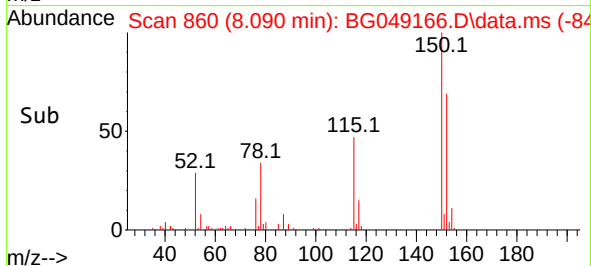
Instrument :
BNA_G
ClientSampled :
PB137489BS



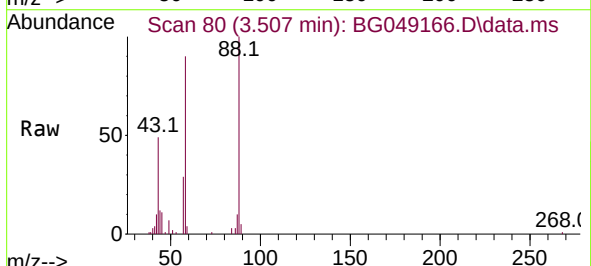
Tgt Ion:152 Resp: 36994
Ion Ratio Lower Upper
152 100
150 151.6 119.4 179.0
115 67.9 60.2 90.4

Manual Integrations
APPROVED

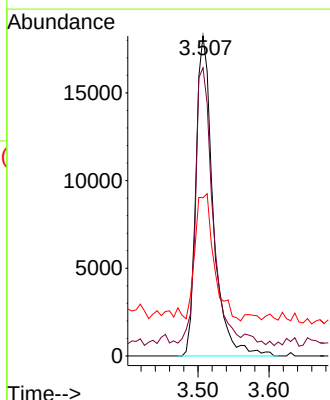
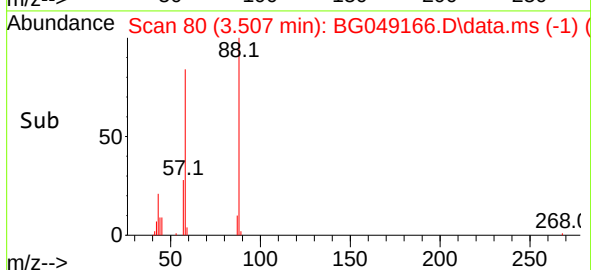
mohammad
7/7/2021 11:34:32 AM

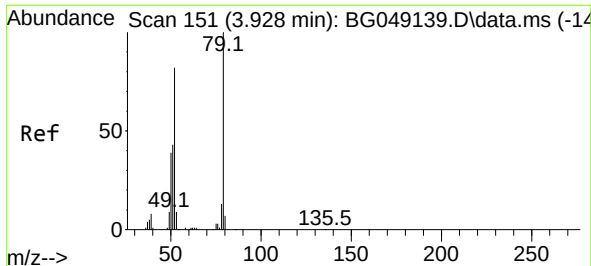


#2
1,4-Dioxane
Concen: 29.76 ng
RT: 3.507 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion: 88 Resp: 30857
Ion Ratio Lower Upper
88 100
58 84.8 55.7 83.5#
43 43.3 29.3 43.9





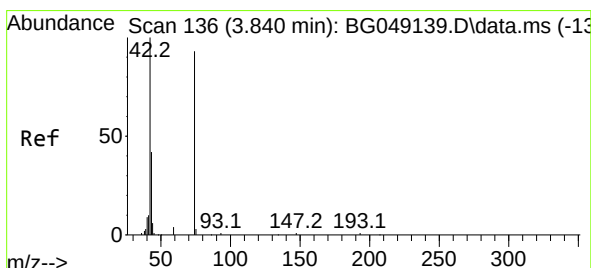
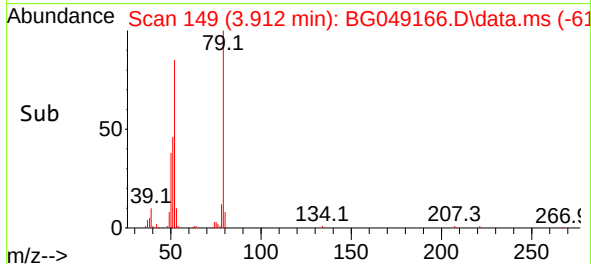
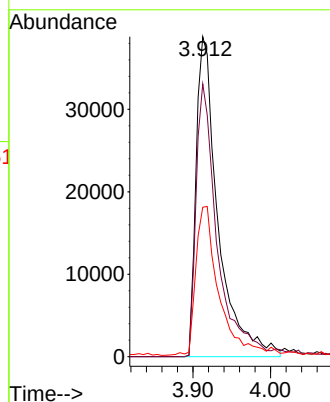
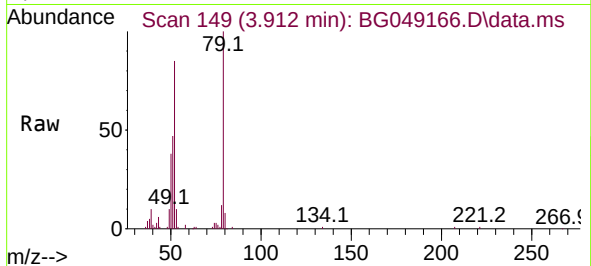
#3
Pyridine
Concen: 27.29 ng
RT: 3.912 min Scan# 149
Delta R.T. -0.015 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:	79	Resp:	76510
Ion Ratio	Lower	Upper	
79	100		
52	85.3	58.4	87.6
51	46.7	37.0	55.6

Instrument :
BNA_G
ClientSampleId :
PB137489BS

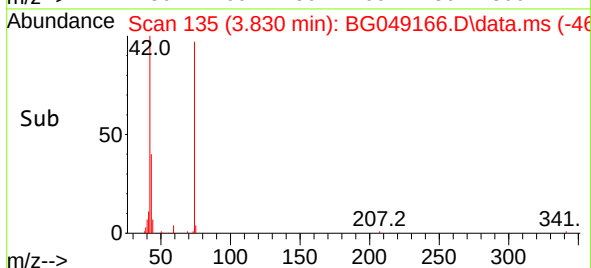
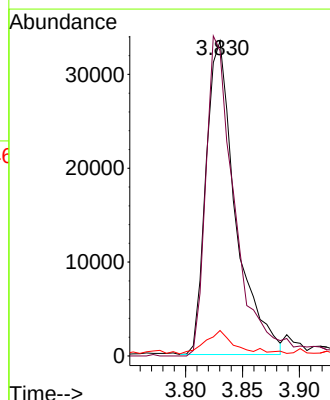
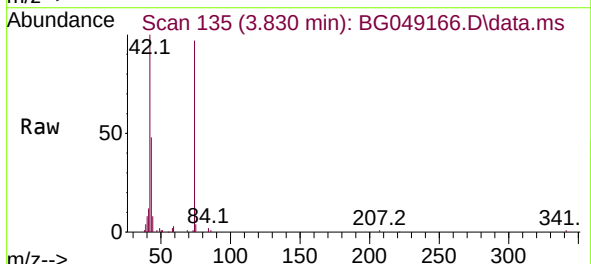
Manual Integrations
APPROVED

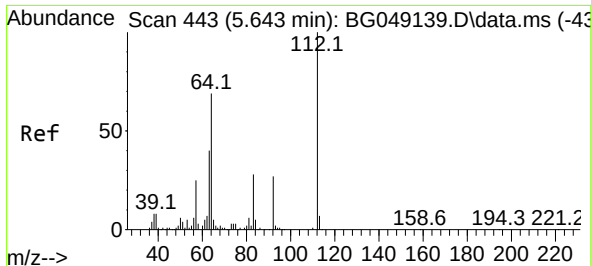
mohammad
7/7/2021 11:34:32 AM



#4
n-Nitrosodimethylamine
Concen: 37.97 ng
RT: 3.830 min Scan# 135
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

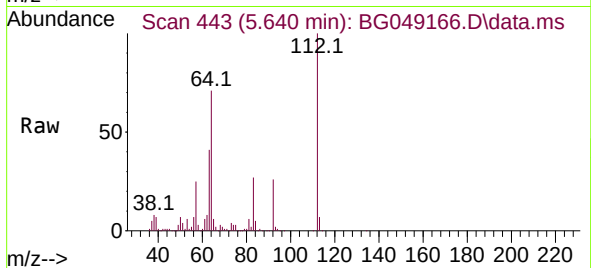
Tgt Ion:	42	Resp:	60463
Ion Ratio	Lower	Upper	
42	100		
74	96.9	64.0	96.0#
44	8.1	2.7	4.1#





#5
2-Fluorophenol
Concen: 129.75 ng
RT: 5.640 min Scan# 443
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

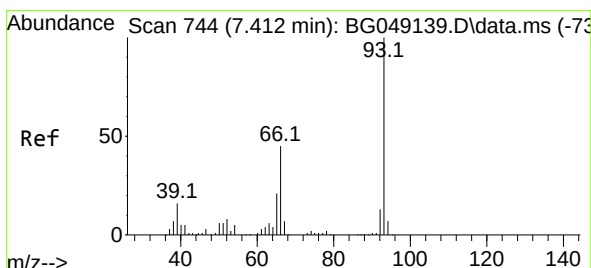
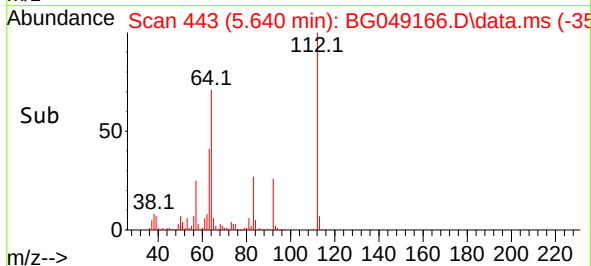
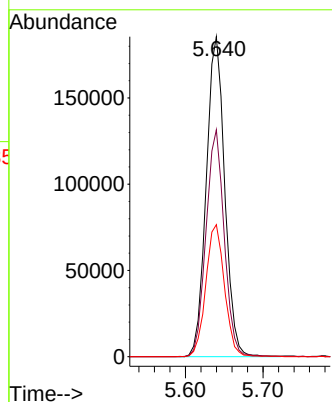
Instrument :
BNA_G
ClientSampleId :
PB137489BS



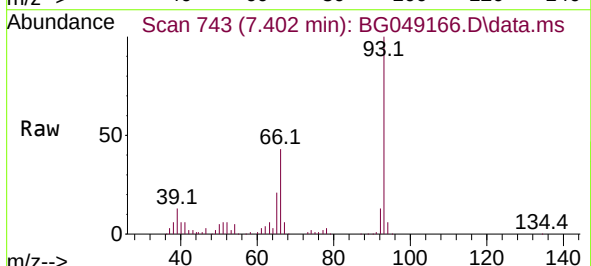
Tgt Ion:112 Resp: 306468
Ion Ratio Lower Upper
112 100
64 70.9 46.7 70.1#
63 41.3 35.3 52.9

Manual Integrations
APPROVED

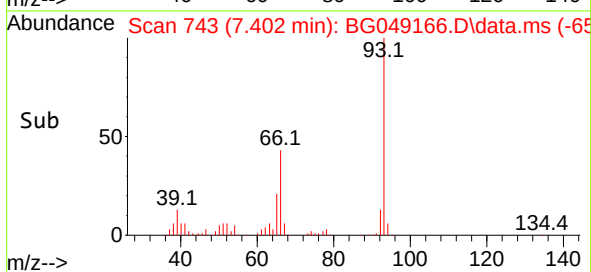
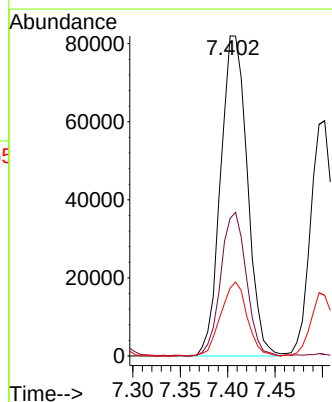
mohammad
7/7/2021 11:34:32 AM

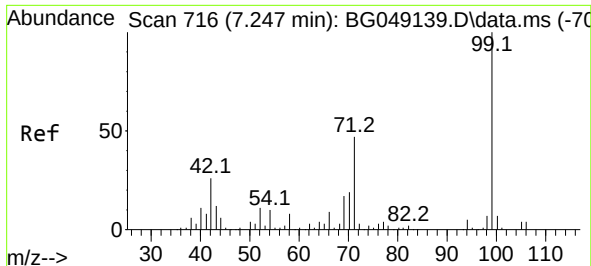


#6
Aniline
Concen: 39.23 ng
RT: 7.402 min Scan# 743
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion: 93 Resp: 160836
Ion Ratio Lower Upper
93 100
66 43.0 30.6 45.8
65 21.2 15.0 22.4





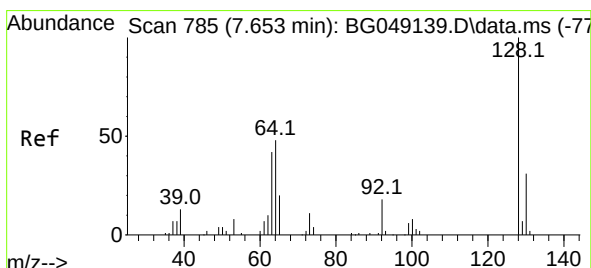
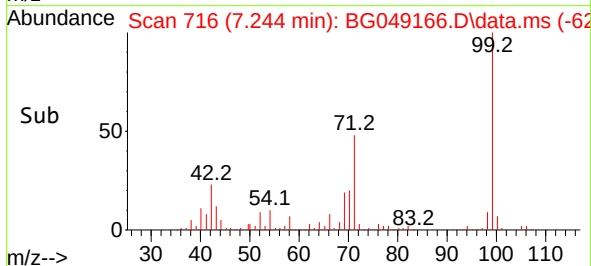
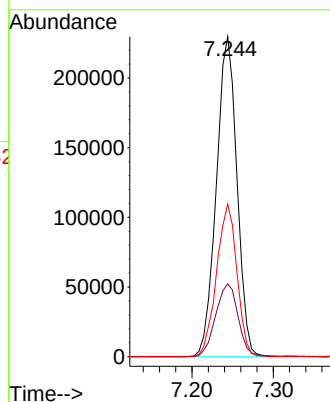
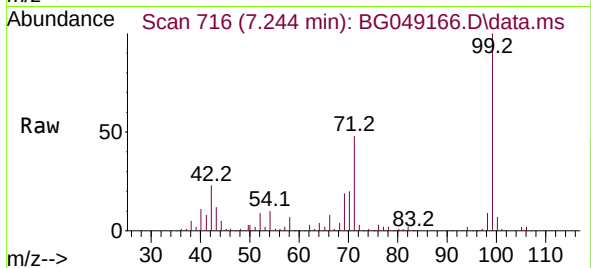
#7
Phenol-d6
Concen: 120.26 ng
RT: 7.244 min Scan# 716
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion: 99 Resp: 404977
Ion Ratio Lower Upper
99 100
42 22.8 20.5 30.7
71 47.7 41.5 62.3

Instrument :
BNA_G
ClientSampleId :
PB137489BS

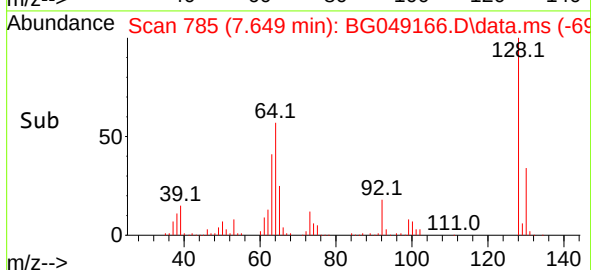
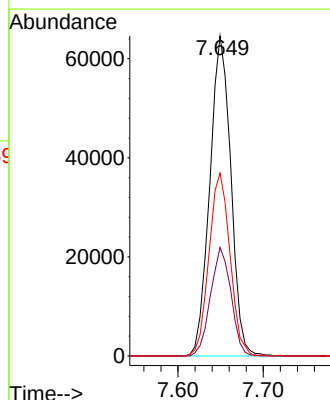
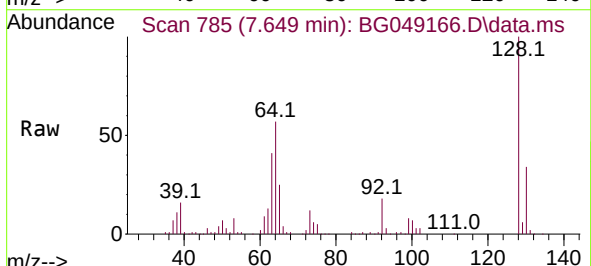
Manual Integrations
APPROVED

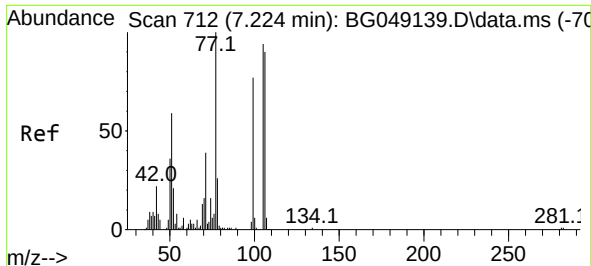
mohammad
7/7/2021 11:34:32 AM



#8
2-Chlorophenol
Concen: 42.70 ng
RT: 7.649 min Scan# 785
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

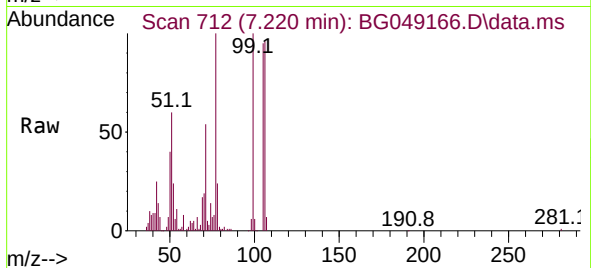
Tgt Ion: 128 Resp: 110662
Ion Ratio Lower Upper
128 100
130 33.9 10.0 50.0
64 57.2 28.1 68.1





#9
Benzaldehyde
Concen: 43.56 ng
RT: 7.220 min Scan# 712
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

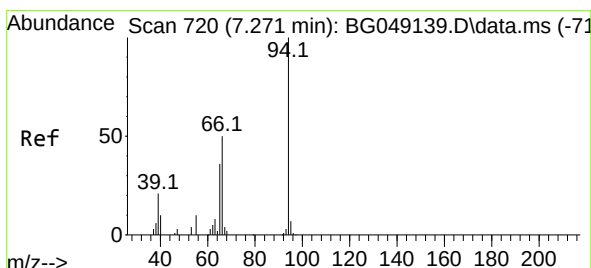
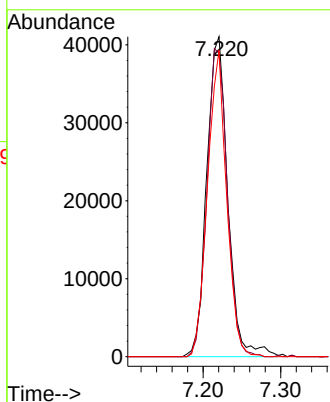
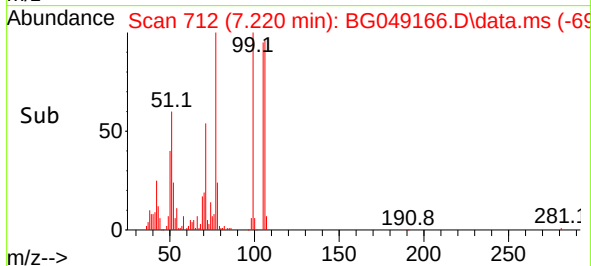
Instrument :
BNA_G
ClientSampleId :
PB137489BS



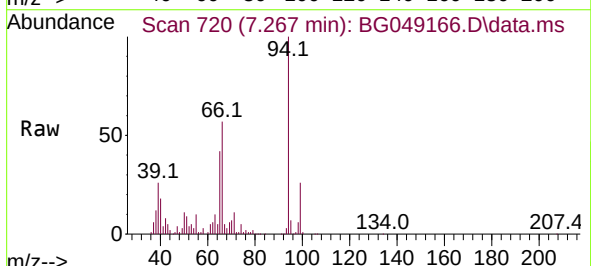
Tgt Ion: 77 Resp: 77161
Ion Ratio Lower Upper
77 100
105 94.7 68.8 108.8
106 95.7 47.9 87.9#

Manual Integrations
APPROVED

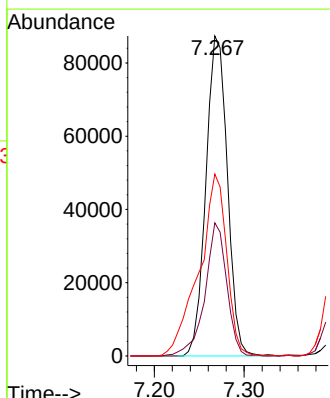
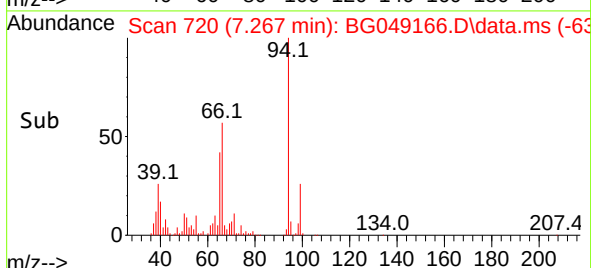
mohammad
7/7/2021 11:34:32 AM

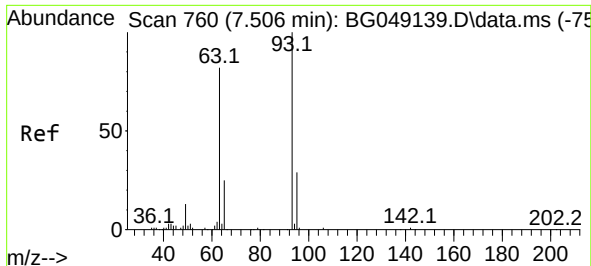


#10
Phenol
Concen: 42.91 ng
RT: 7.267 min Scan# 720
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



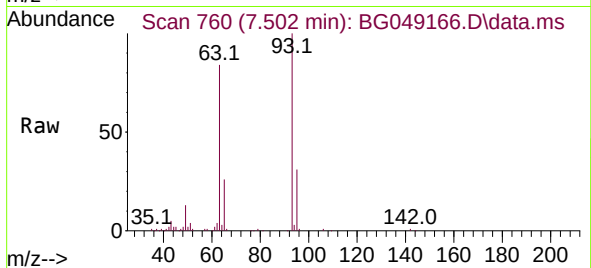
Tgt Ion: 94 Resp: 145148
Ion Ratio Lower Upper
94 100
65 41.6 12.9 52.9
66 56.9 39.4 79.4





#11
bis(2-Chloroethyl)ether
Concen: 40.95 ng
RT: 7.502 min Scan# 760
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

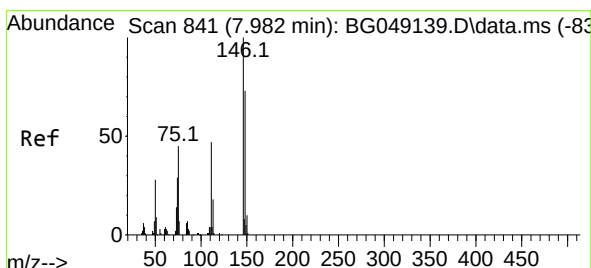
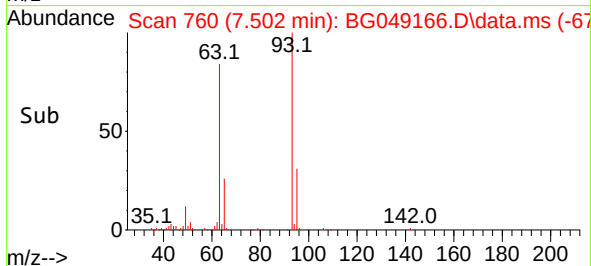
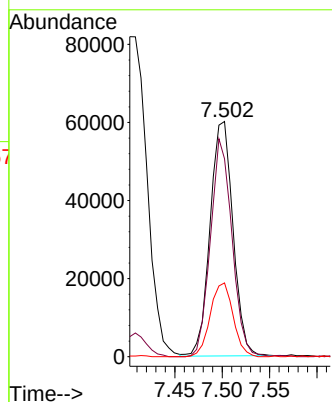
Instrument :
BNA_G
ClientSampleId :
PB137489BS



Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.2	50.4	90.4
95	31.3	15.3	55.3

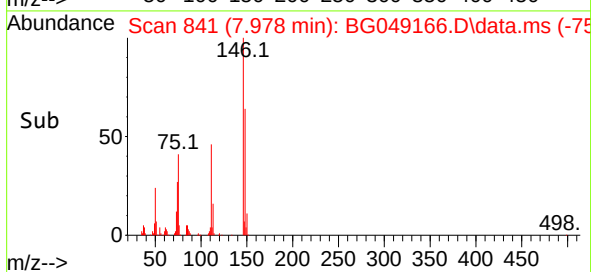
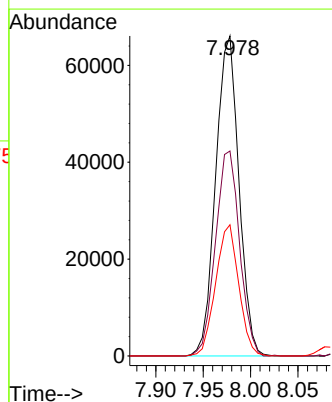
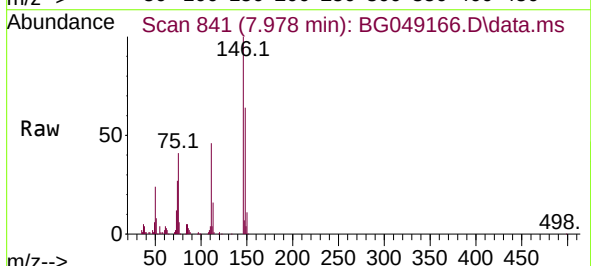
Manual Integrations
APPROVED

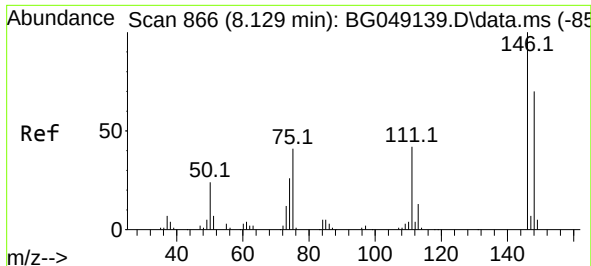
mohammad
7/7/2021 11:34:32 AM



#12
1,3-Dichlorobenzene
Concen: 38.90 ng
RT: 7.978 min Scan# 841
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	78.8
75	41.0	35.7	53.5





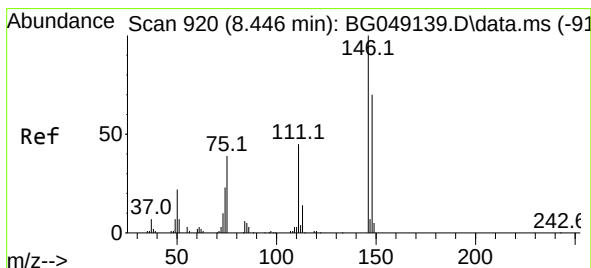
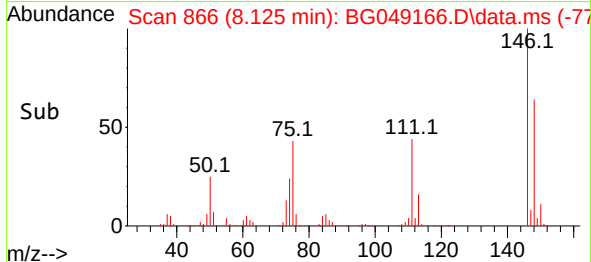
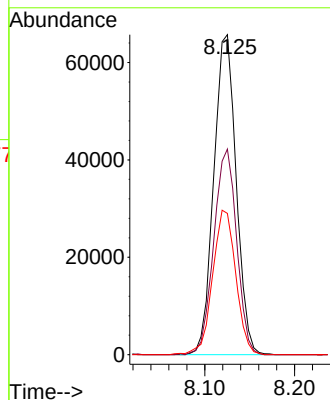
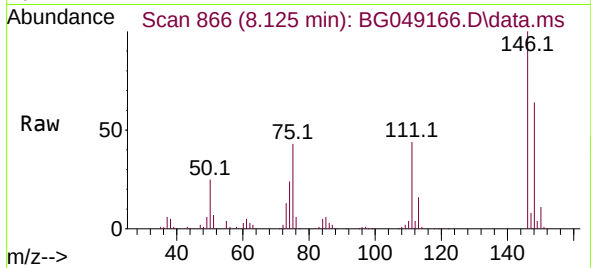
#13
1,4-Dichlorobenzene
Concen: 39.11 ng
RT: 8.125 min Scan# 866
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Instrument :
BNA_G
ClientSampled :
PB137489BS

Tgt Ion:146 Resp: 114003
Ion Ratio Lower Upper
146 100
148 64.3 54.0 81.0
111 44.1 34.3 51.5

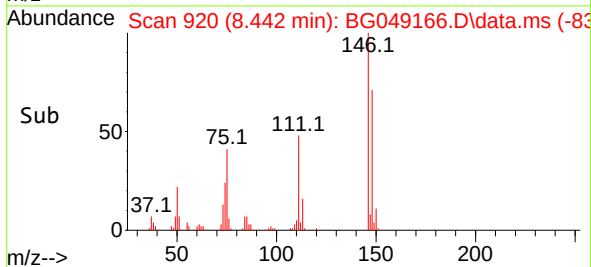
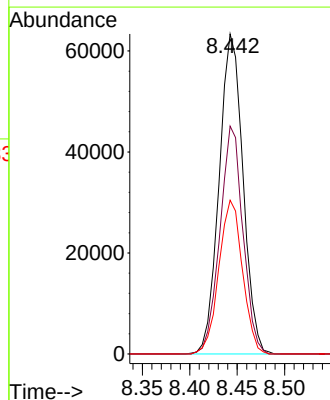
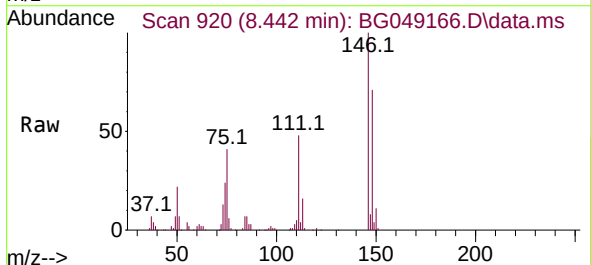
Manual Integrations
APPROVED

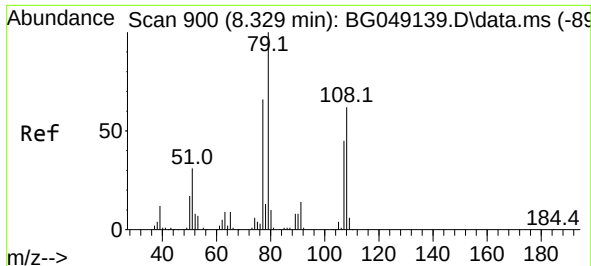
mohammad
7/7/2021 11:34:32 AM



#14
1,2-Dichlorobenzene
Concen: 39.51 ng
RT: 8.442 min Scan# 920
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

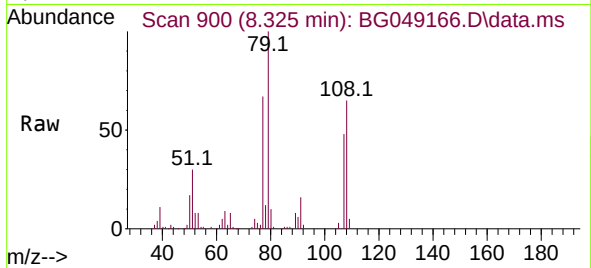
Tgt Ion:146 Resp: 110873
Ion Ratio Lower Upper
146 100
148 71.2 47.5 71.3
111 48.1 39.1 58.7





#15
Benzyl Alcohol
Concen: 42.16 ng
RT: 8.325 min Scan# 900
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

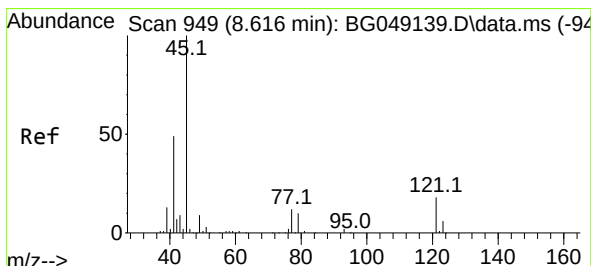
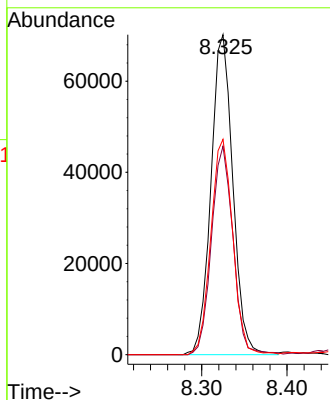
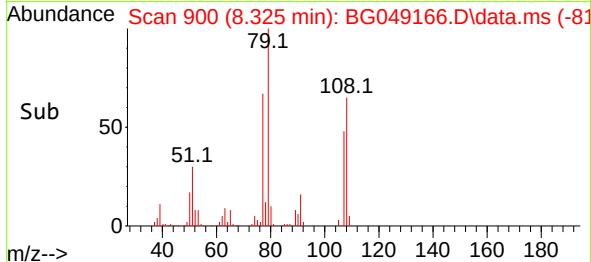
Instrument :
BNA_G
ClientSampleId :
PB137489BS



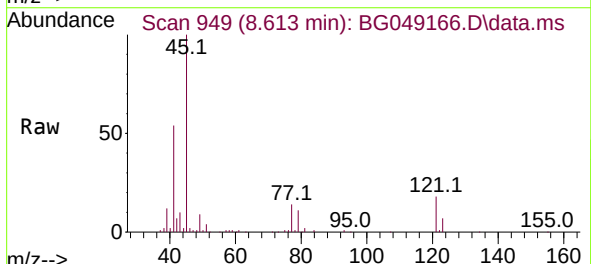
Tgt Ion: 79 Resp: 125011
Ion Ratio Lower Upper
79 100
108 65.2 48.2 72.4
77 67.3 57.3 85.9

Manual Integrations
APPROVED

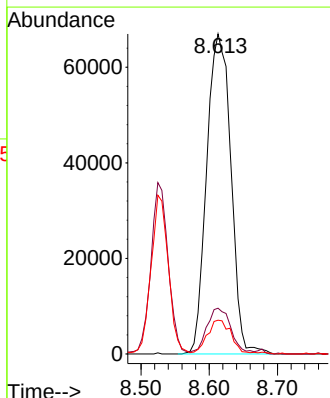
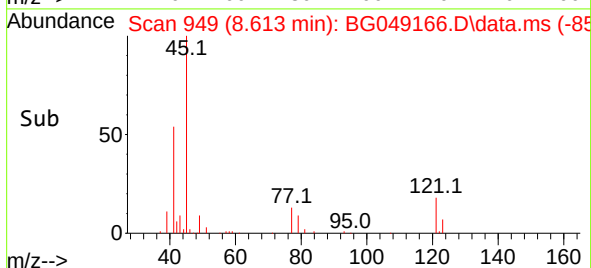
mohammad
7/7/2021 11:34:32 AM

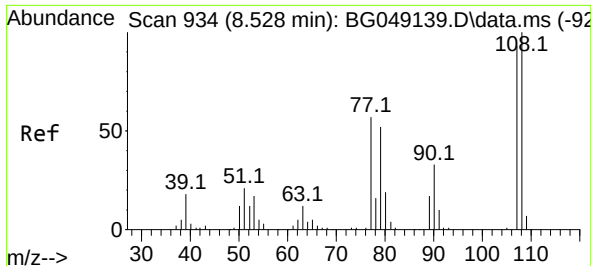


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.47 ng
RT: 8.613 min Scan# 949
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion: 45 Resp: 165324
Ion Ratio Lower Upper
45 100
77 14.3 2.2 42.2
79 10.5 0.0 34.3





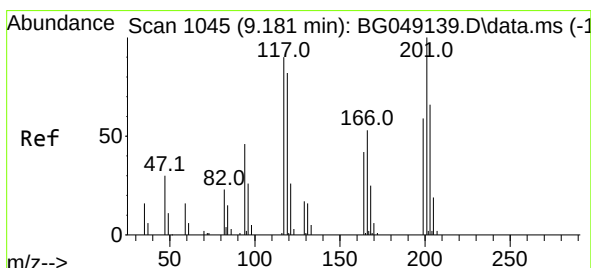
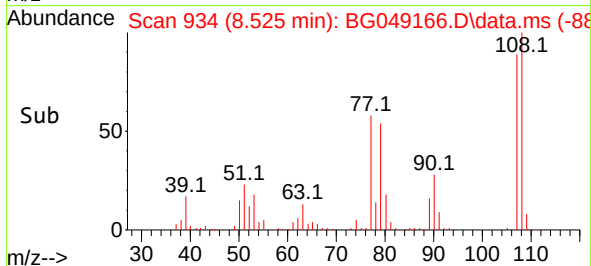
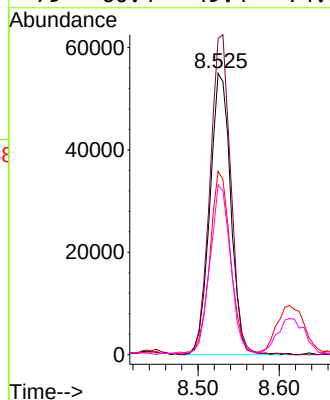
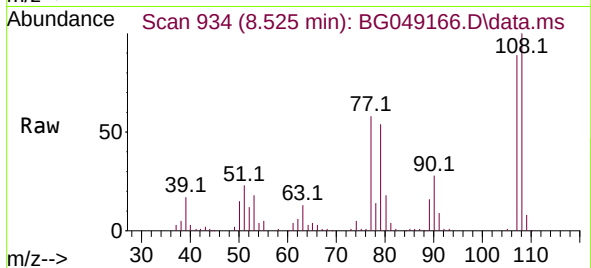
#17
2-Methylphenol
Concen: 42.99 ng
RT: 8.525 min Scan# 934
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Instrument :
BNA_G
ClientSampled :
PB137489BS

Tgt Ion:	107	Resp:	97998
Ion	Ratio	Lower	Upper
107	100		
108	112.3	84.6	127.0
77	65.3	50.7	76.1
79	60.4	49.4	74.0

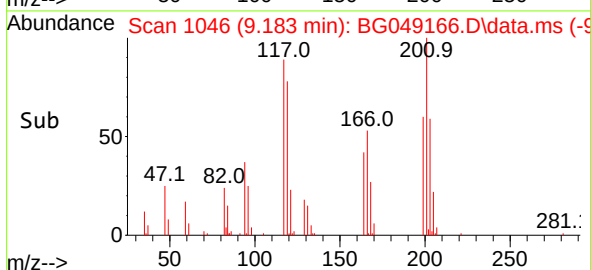
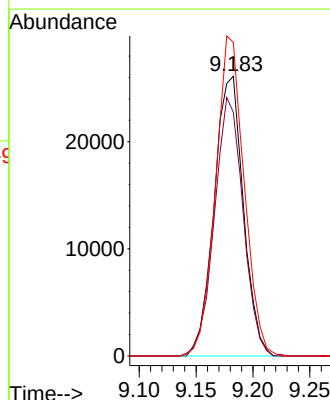
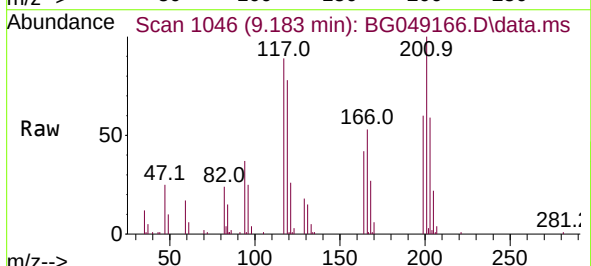
Manual Integrations
APPROVED

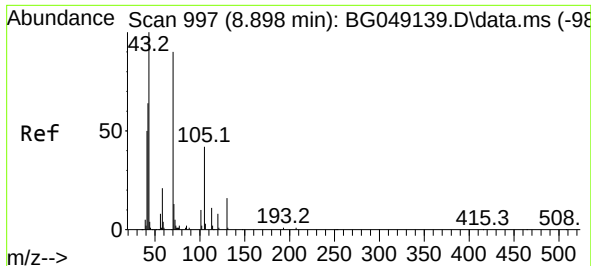
mohammad
7/7/2021 11:34:32 AM



#18
Hexachloroethane
Concen: 40.03 ng
RT: 9.183 min Scan# 1046
Delta R.T. 0.002 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:	117	Resp:	46592
Ion	Ratio	Lower	Upper
117	100		
119	87.1	74.4	111.6
201	112.1	88.6	133.0





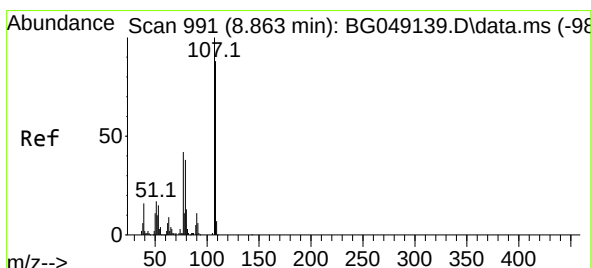
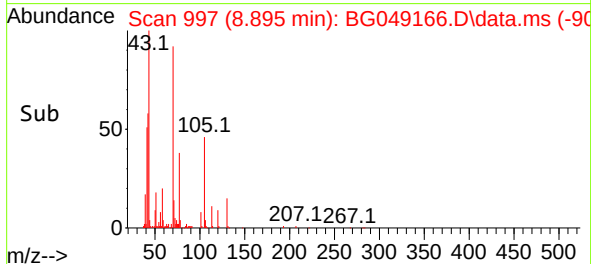
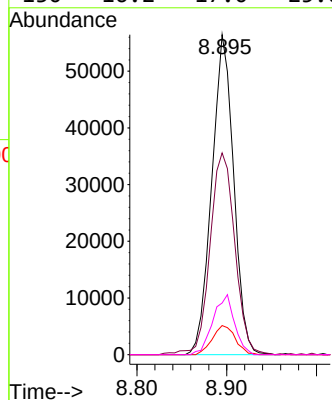
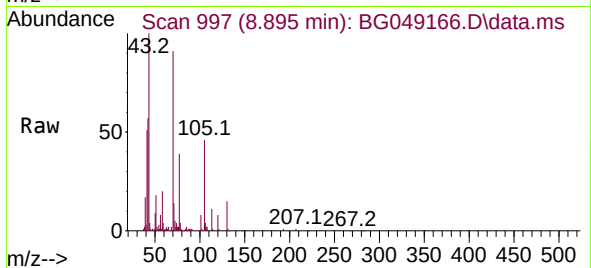
#19
n-Nitroso-di-n-propylamine
Concen: 39.50 ng
RT: 8.895 min Scan# 997
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:	70	Resp:	95598
Ion Ratio	Lower	Upper	
70	100		
42	63.1	54.5	81.7
101	9.1	9.0	13.6
130	16.2	17.0	25.6#

Instrument :
BNA_G
ClientSampleId :
PB137489BS

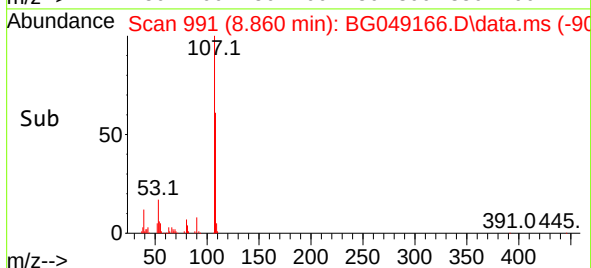
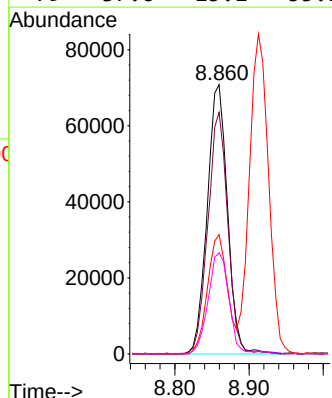
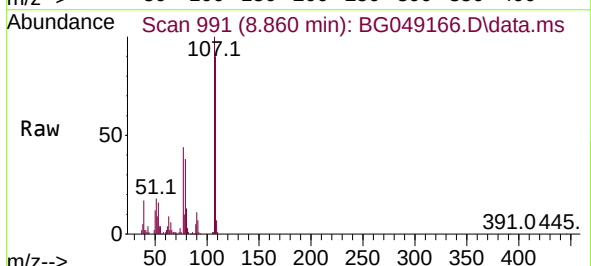
Manual Integrations
APPROVED

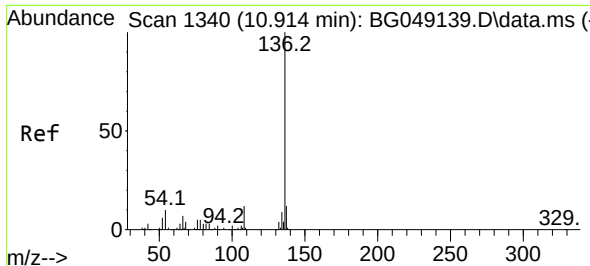
mohammad
7/7/2021 11:34:32 AM



#20
3+4-Methylphenols
Concen: 42.62 ng
RT: 8.860 min Scan# 991
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

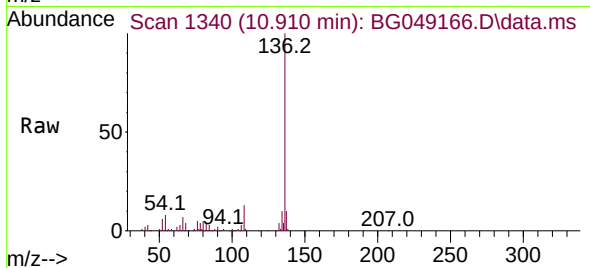
Tgt Ion:	107	Resp:	134693
Ion Ratio	Lower	Upper	
107	100		
108	89.7	69.3	109.3
77	44.3	25.2	65.2
79	37.6	15.1	55.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.910 min Scan# 1340
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

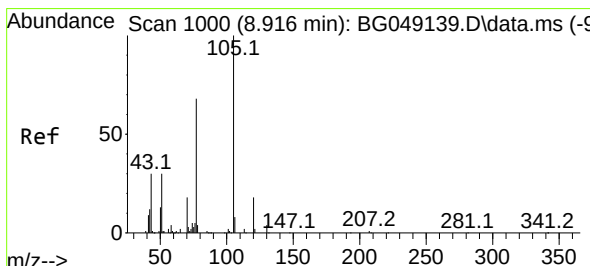
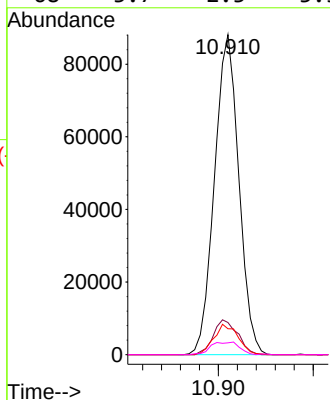
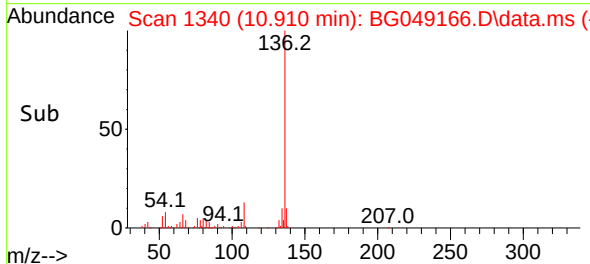
Instrument :
BNA_G
ClientSampleId :
PB137489BS



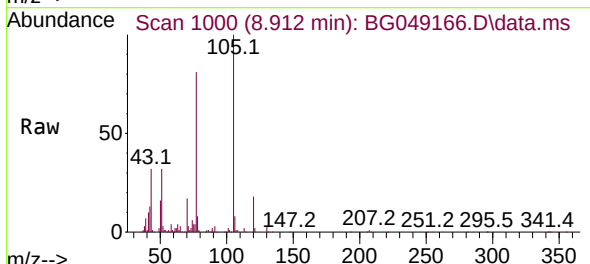
Tgt Ion:136 Resp: 157236
Ion Ratio Lower Upper
136 100
137 10.1 8.2 12.2
54 8.1 5.5 8.3
68 3.7 2.3 3.5#

Manual Integrations
APPROVED

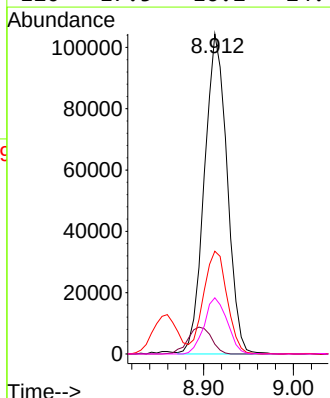
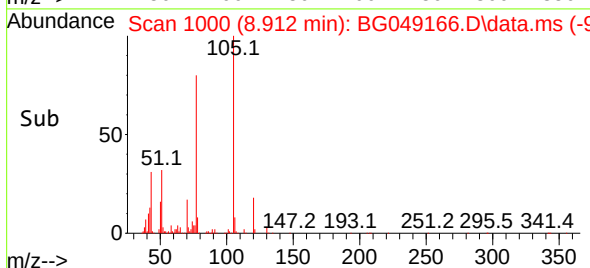
mohammad
7/7/2021 11:34:32 AM

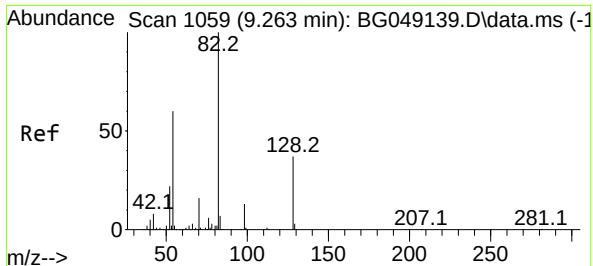


#22
Acetophenone
Concen: 39.05 ng
RT: 8.912 min Scan# 1000
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

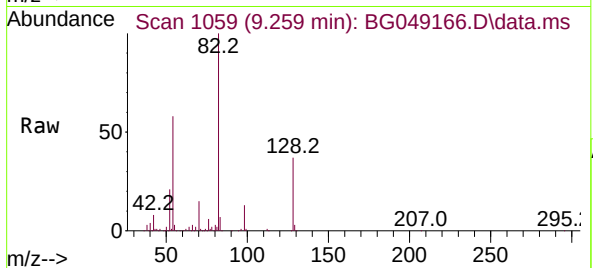


Tgt Ion:105 Resp: 183154
Ion Ratio Lower Upper
105 100
71 3.1 0.6 0.8#
51 32.1 26.6 40.0
120 17.5 16.2 24.4

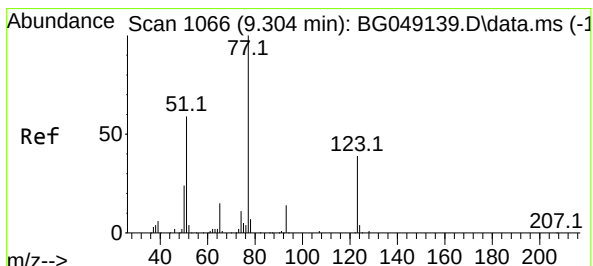
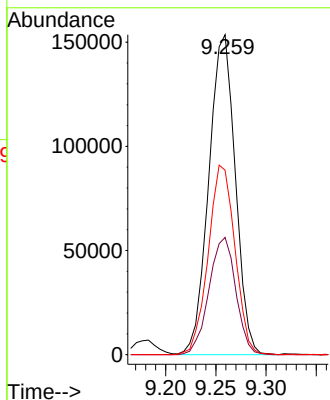
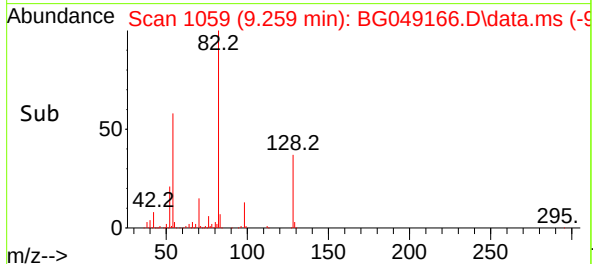




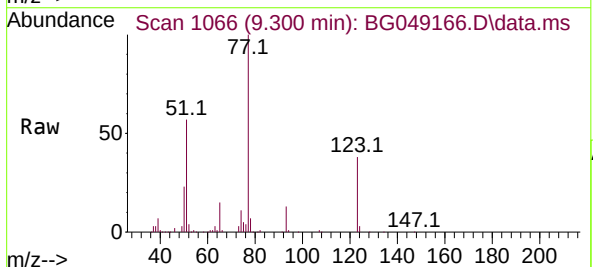
#23
Nitrobenzene-d5
Concen: 76.07 ng
RT: 9.259 min Scan# 1059
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



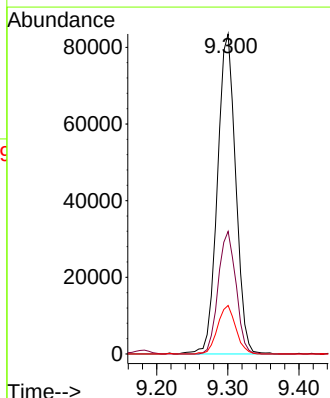
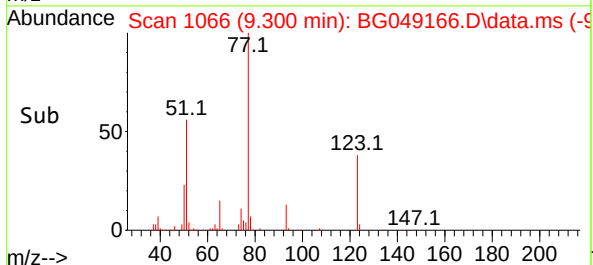
Tgt Ion: 82 Resp: 282106
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 57.7 45.8 68.8



#24
Nitrobenzene
Concen: 36.95 ng
RT: 9.300 min Scan# 1066
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



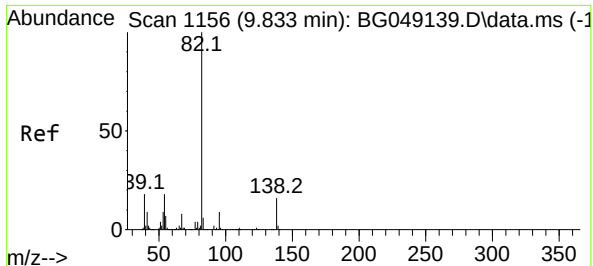
Tgt Ion: 77 Resp: 148467
Ion Ratio Lower Upper
77 100
123 38.3 27.5 41.3
65 15.2 12.6 18.8



Instrument :
BNA_G
ClientSampleId :
PB137489BS

Manual Integrations
APPROVED

mohammad
7/7/2021 11:34:32 AM



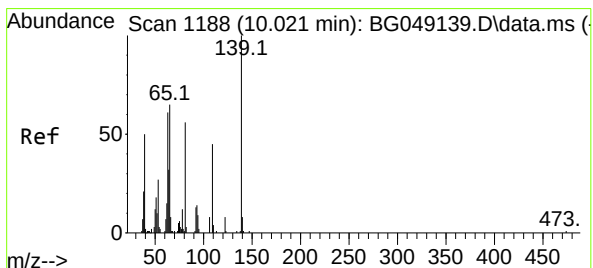
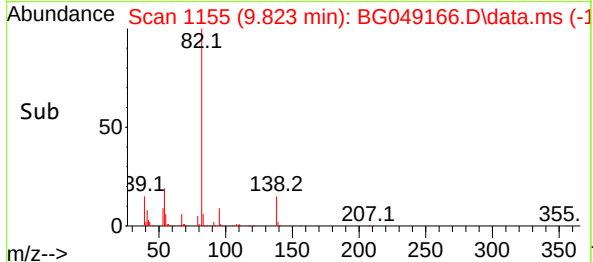
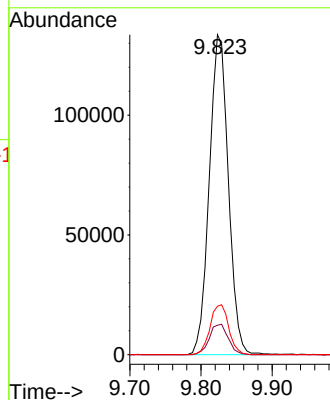
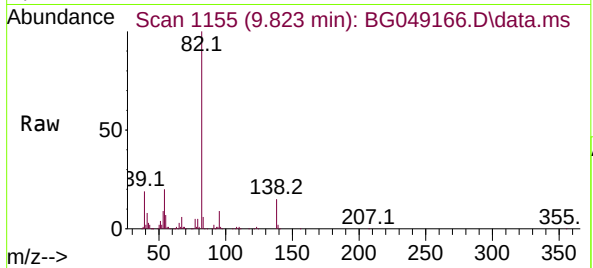
#25
Isophorone
Concen: 34.93 ng
RT: 9.823 min Scan# 1155
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion: 82 Resp: 248852
Ion Ratio Lower Upper
82 100
95 9.2 8.5 12.7
138 15.1 11.8 17.6

Instrument :
BNA_G
ClientSampleId :
PB137489BS

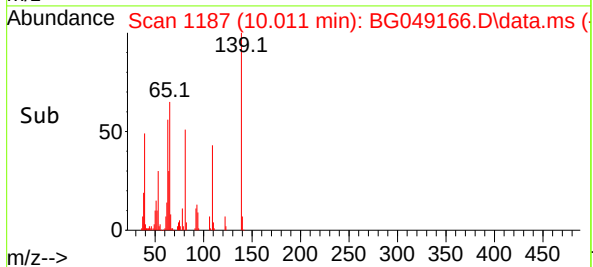
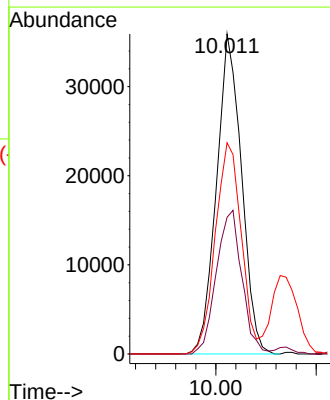
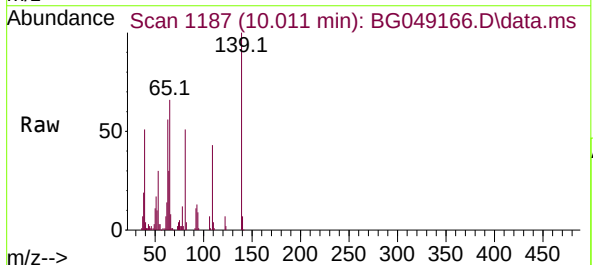
Manual Integrations
APPROVED

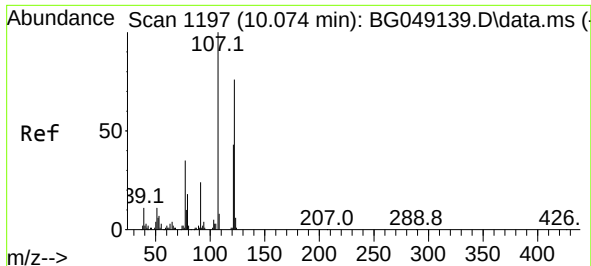
mohammad
7/7/2021 11:34:32 AM



#26
2-Nitrophenol
Concen: 38.81 ng
RT: 10.011 min Scan# 1187
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

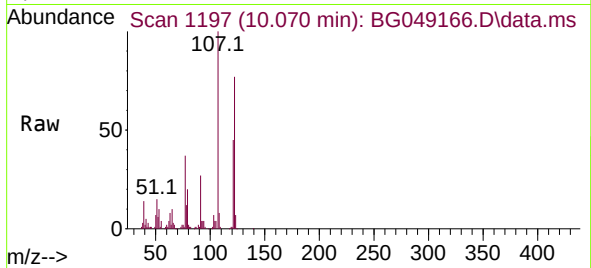
Tgt Ion: 139 Resp: 62091
Ion Ratio Lower Upper
139 100
109 42.7 37.8 56.6
65 66.0 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 44.12 ng
RT: 10.070 min Scan# 1197
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

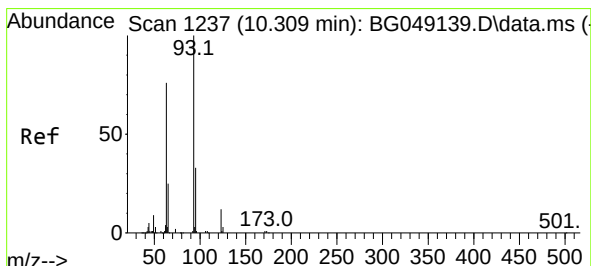
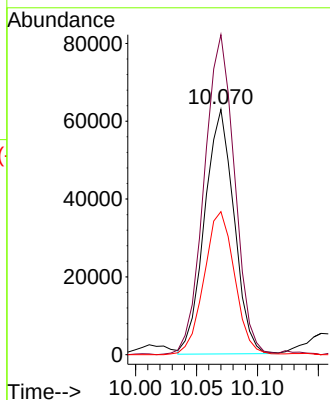
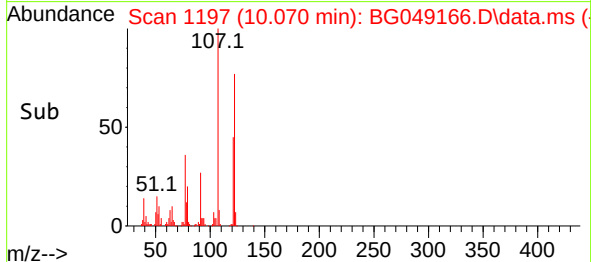
Instrument :
BNA_G
ClientSampleId :
PB137489BS



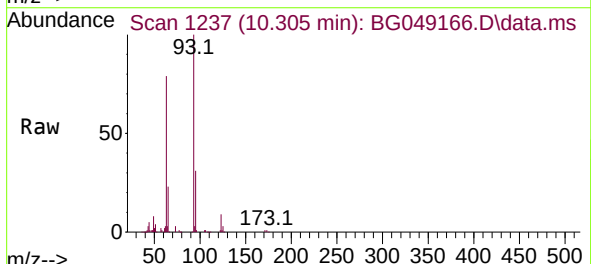
Tgt Ion:122 Resp: 105890
Ion Ratio Lower Upper
122 100
107 130.4 110.1 165.1
121 58.3 49.0 73.6

Manual Integrations
APPROVED

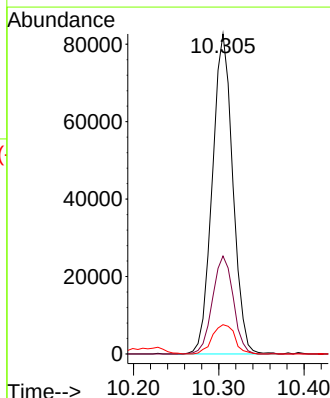
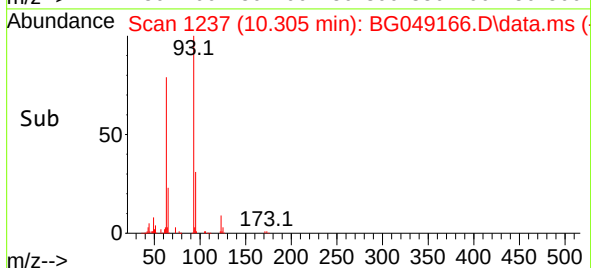
mohammad
7/7/2021 11:34:32 AM

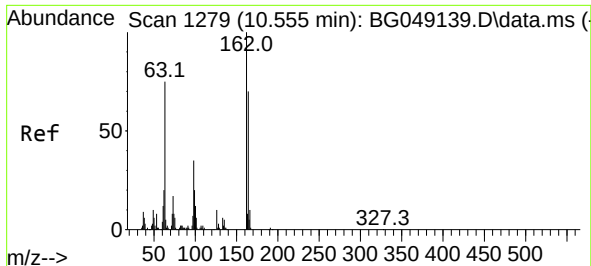


#28
bis(2-Chloroethoxy)methane
Concen: 41.05 ng
RT: 10.305 min Scan# 1237
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



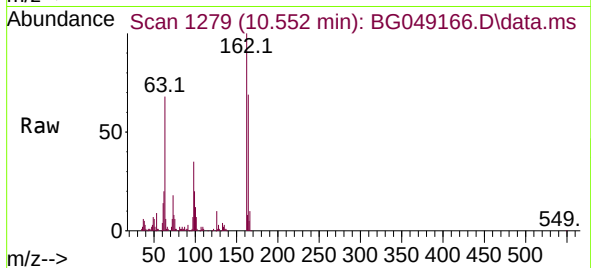
Tgt Ion: 93 Resp: 137896
Ion Ratio Lower Upper
93 100
95 30.6 22.2 33.4
123 9.1 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 40.38 ng
RT: 10.552 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

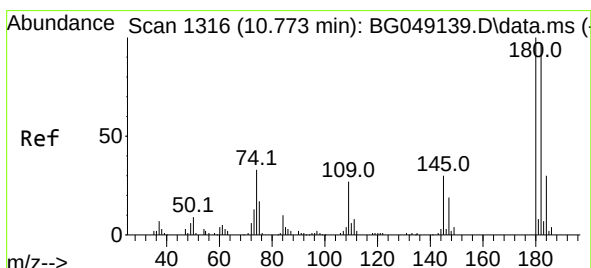
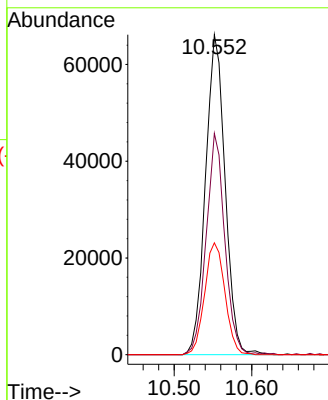
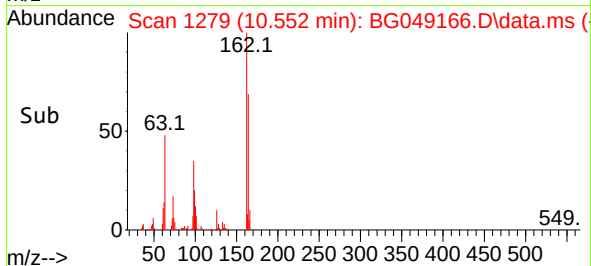
Instrument :
BNA_G
ClientSampleId :
PB137489BS



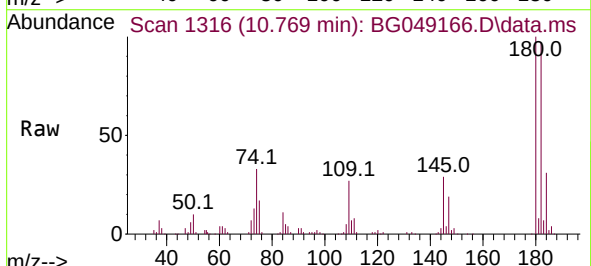
Tgt Ion:162 Resp: 116240
Ion Ratio Lower Upper
162 100
164 69.1 39.4 79.4
98 35.0 18.7 58.7

Manual Integrations
APPROVED

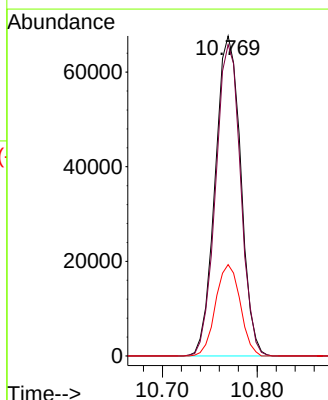
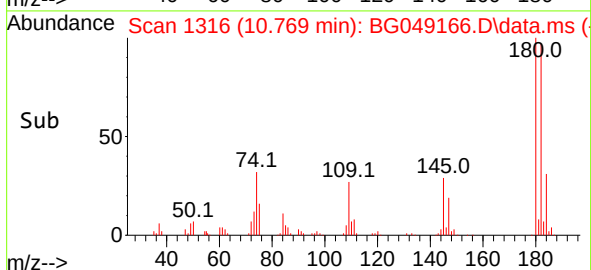
mohammad
7/7/2021 11:34:32 AM

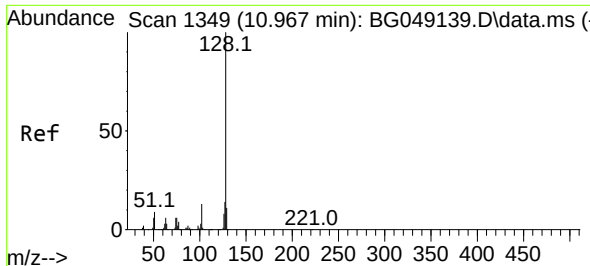


#30
1,2,4-Trichlorobenzene
Concen: 37.36 ng
RT: 10.769 min Scan# 1316
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion:180 Resp: 126655
Ion Ratio Lower Upper
180 100
182 97.3 78.9 118.3
145 28.6 26.2 39.4





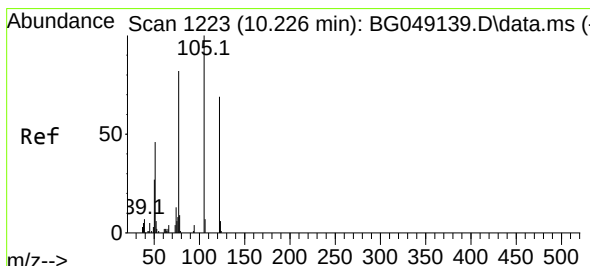
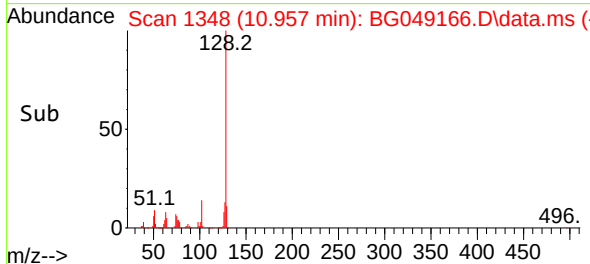
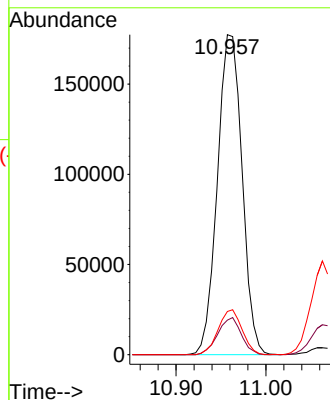
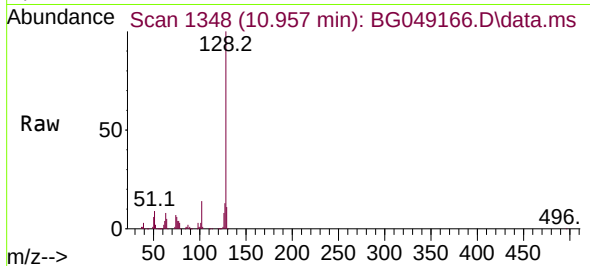
#31
Naphthalene
Concen: 37.02 ng
RT: 10.957 min Scan# 1348
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:128 Resp: 338934
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.5 10.2 15.4

Instrument :
BNA_G
ClientSampleId :
PB137489BS

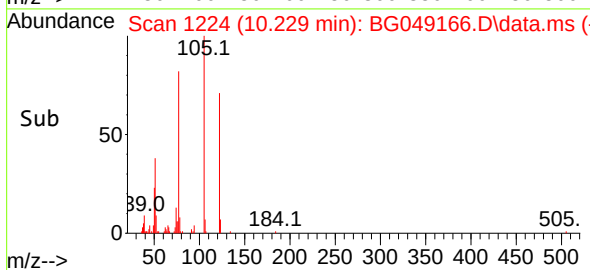
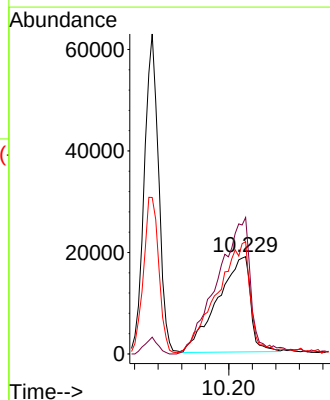
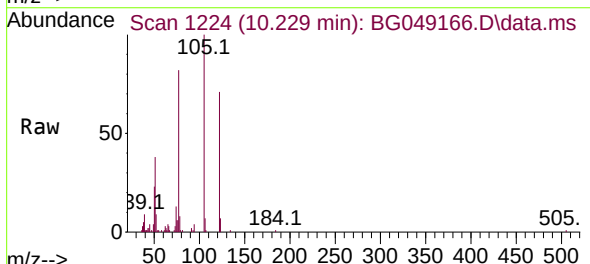
Manual Integrations
APPROVED

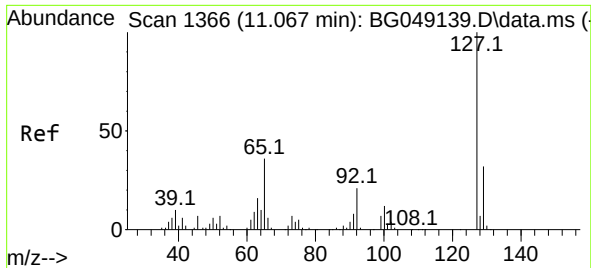
mohammad
7/7/2021 11:34:32 AM



#32
Benzoic acid
Concen: 39.28 ng
RT: 10.229 min Scan# 1224
Delta R.T. 0.003 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

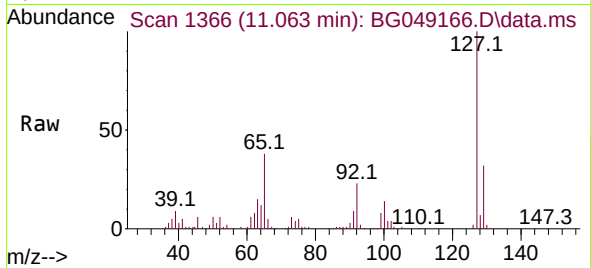
Tgt Ion:122 Resp: 73606
Ion Ratio Lower Upper
122 100
105 140.2 92.3 132.3#
77 115.4 66.5 106.5#





#33
4-Chloroaniline
Concen: 25.58 ng
RT: 11.063 min Scan# 1366
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

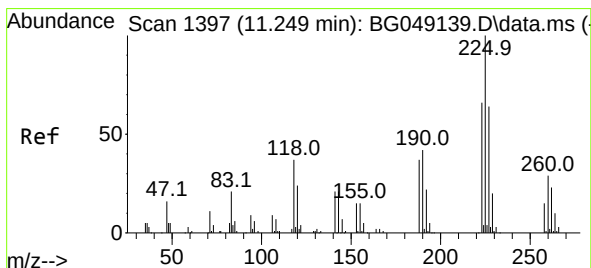
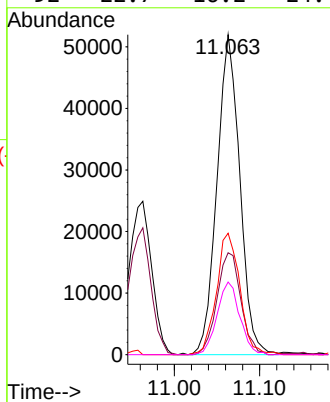
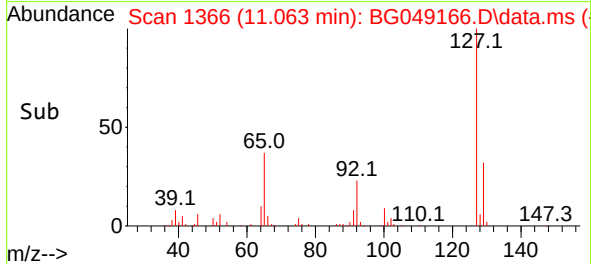
Instrument :
BNA_G
ClientSampled :
PB137489BS



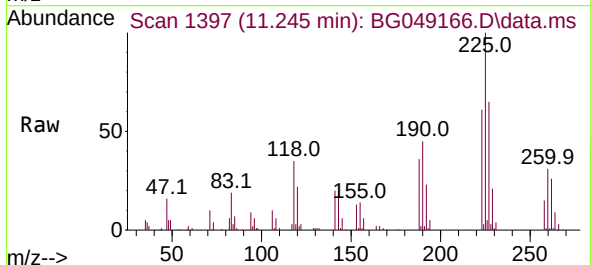
Tgt Ion:	127	Resp:	96844
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.7	40.1
65	37.9	32.8	49.2
92	22.7	16.2	24.4

Manual Integrations
APPROVED

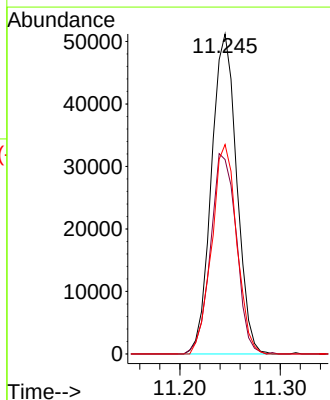
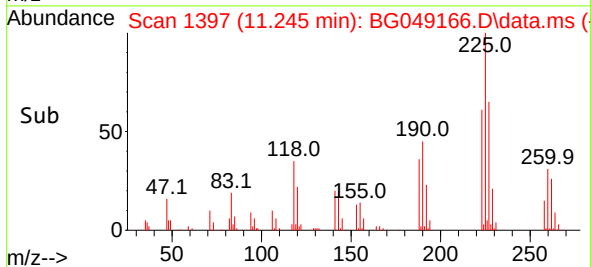
mohammad
7/7/2021 11:34:32 AM

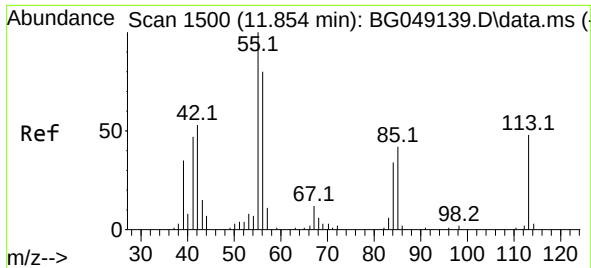


#34
Hexachlorobutadiene
Concen: 35.71 ng
RT: 11.245 min Scan# 1397
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

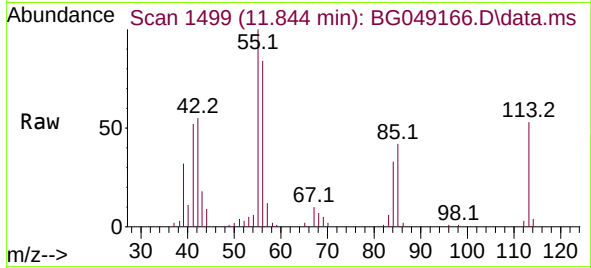


Tgt Ion:	225	Resp:	89440
Ion Ratio	Lower	Upper	
225	100		
223	60.7	49.8	74.8
227	65.5	46.4	69.6

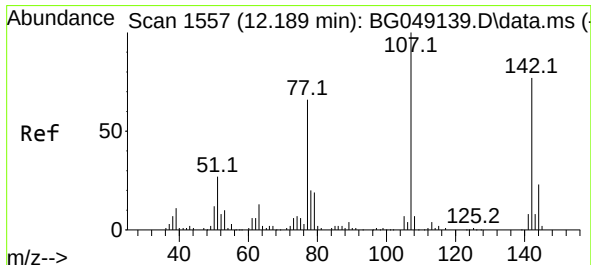
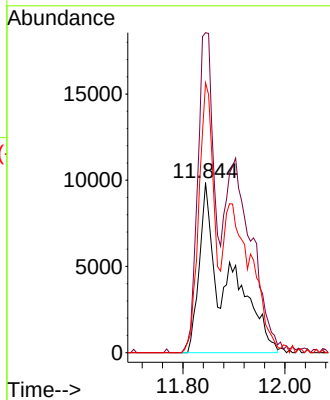
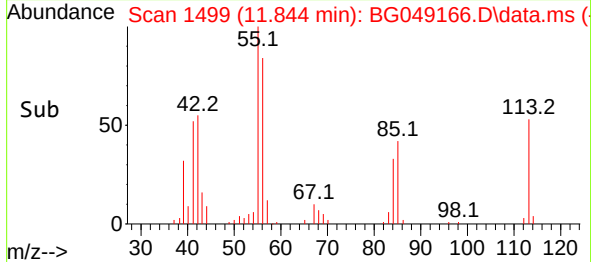




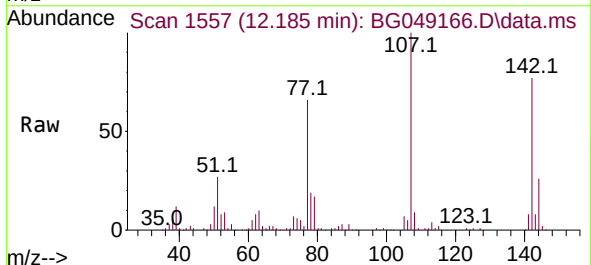
#35
Caprolactam
Concen: 40.38 ng m
RT: 11.844 min Scan# 1499
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



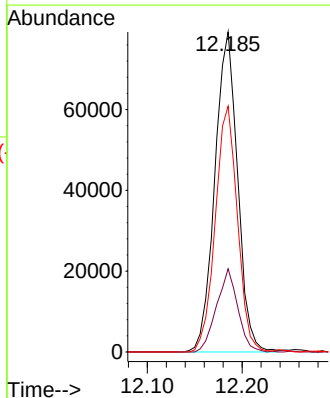
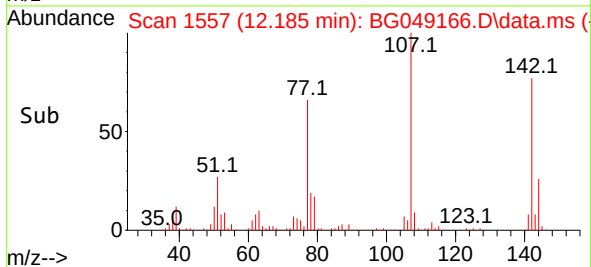
Tgt Ion:113 Resp: 36891
Ion Ratio Lower Upper
113 100
55 188.1 113.8 153.8#
56 158.7 105.6 145.6#



#36
4-Chloro-3-methylphenol
Concen: 39.91 ng
RT: 12.185 min Scan# 1557
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



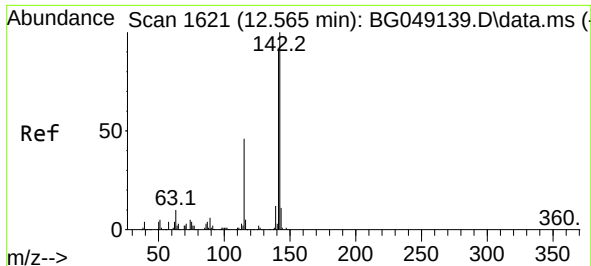
Tgt Ion:107 Resp: 132171
Ion Ratio Lower Upper
107 100
144 26.0 24.8 37.2
142 76.8 62.2 93.4



Instrument :
BNA_G
ClientSampleId :
PB137489BS

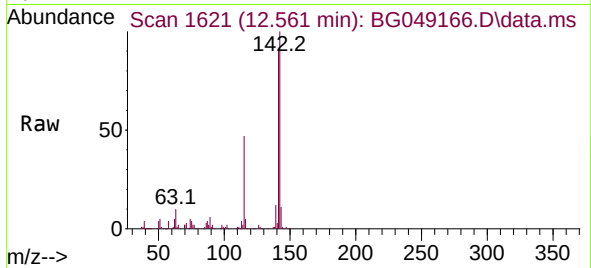
Manual Integrations
APPROVED

mohammad
7/7/2021 11:34:32 AM



#37
2-Methylnaphthalene
Concen: 37.72 ng
RT: 12.561 min Scan# 1621
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

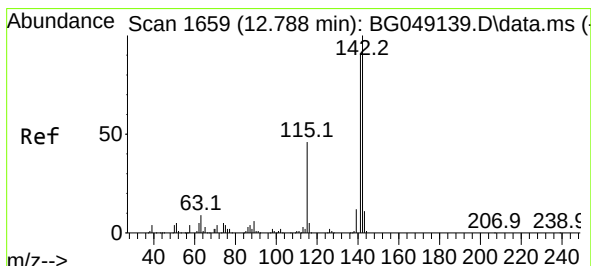
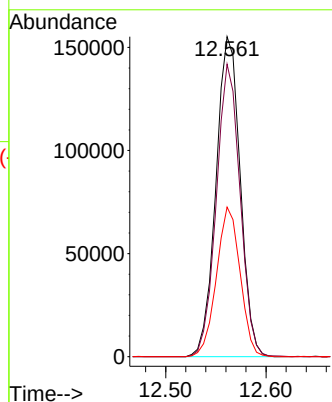
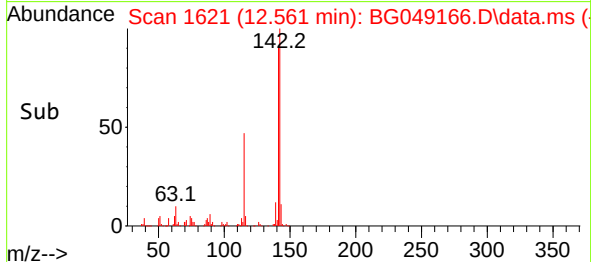
Instrument :
BNA_G
ClientSampleId :
PB137489BS



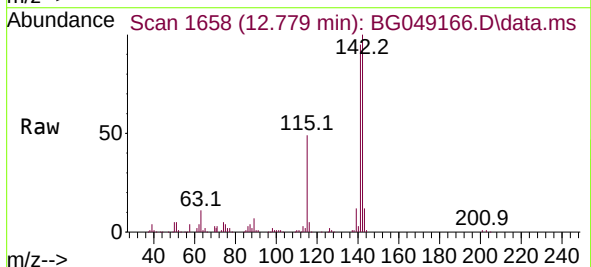
Tgt Ion:142 Resp: 260045
Ion Ratio Lower Upper
142 100
141 91.4 68.8 103.2
115 46.8 36.4 54.6

Manual Integrations
APPROVED

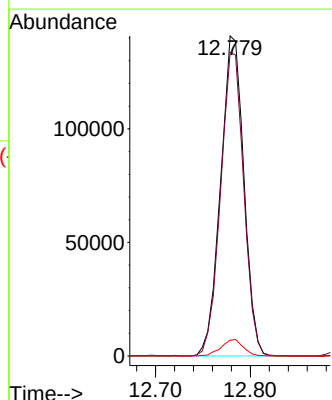
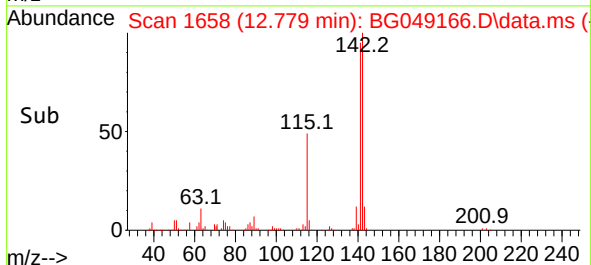
mohammad
7/7/2021 11:34:32 AM

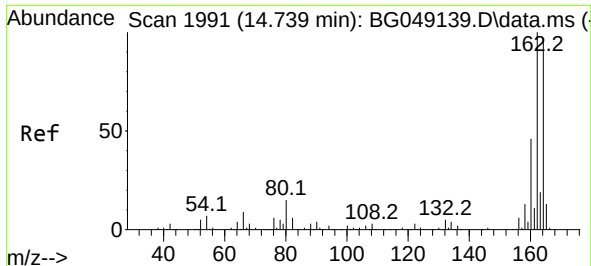


#38
1-Methylnaphthalene
Concen: 36.80 ng
RT: 12.779 min Scan# 1658
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



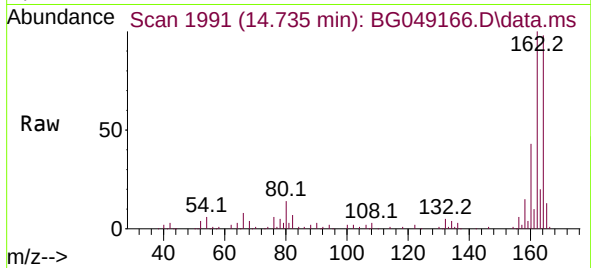
Tgt Ion:142 Resp: 240242
Ion Ratio Lower Upper
142 100
141 94.9 70.6 106.0
116 4.9 4.0 6.0





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.735 min Scan# 1991
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

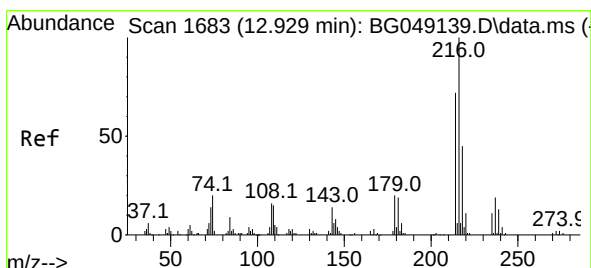
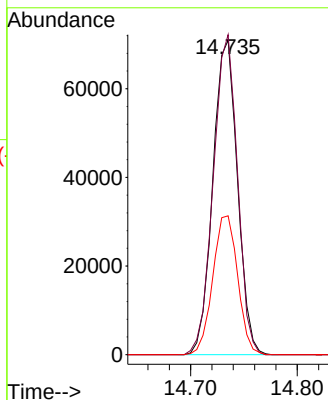
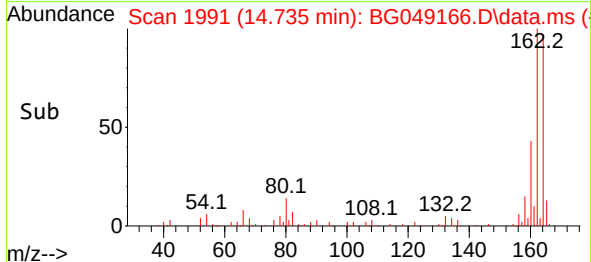
Instrument :
BNA_G
ClientSampleId :
PB137489BS



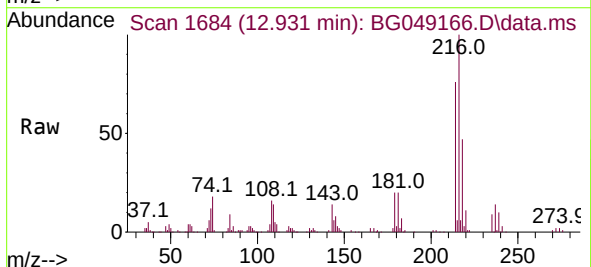
Tgt Ion:164 Resp: 113560
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.2 34.9 52.3

Manual Integrations
APPROVED

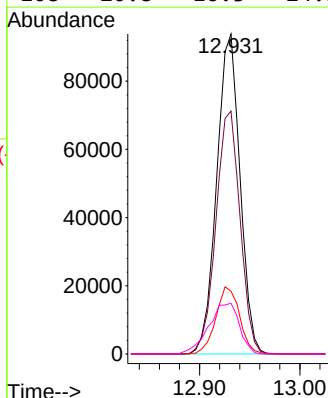
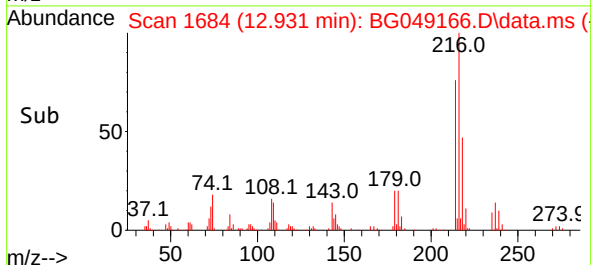
mohammad
7/7/2021 11:34:32 AM

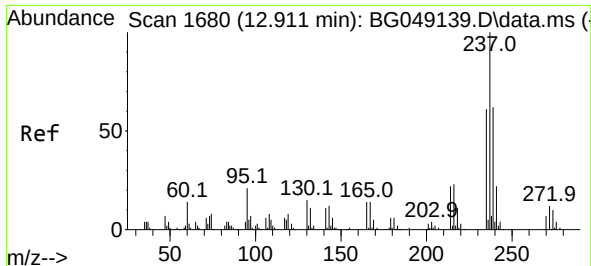


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.20 ng
RT: 12.931 min Scan# 1684
Delta R.T. 0.002 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



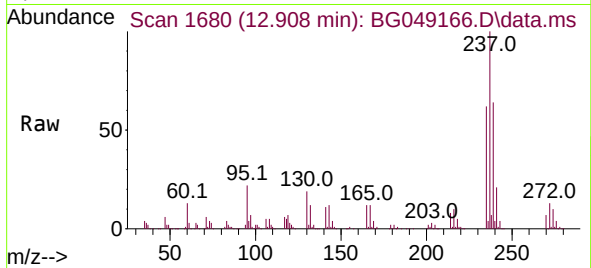
Tgt Ion:216 Resp: 151327
Ion Ratio Lower Upper
216 100
214 78.6 61.4 92.2
179 21.4 17.3 25.9
108 20.8 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 100.50 ng
RT: 12.908 min Scan# 1680
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

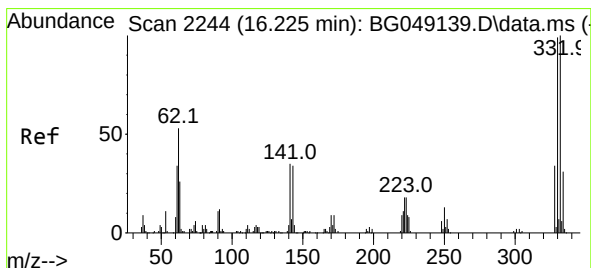
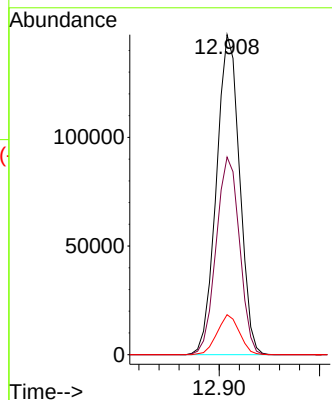
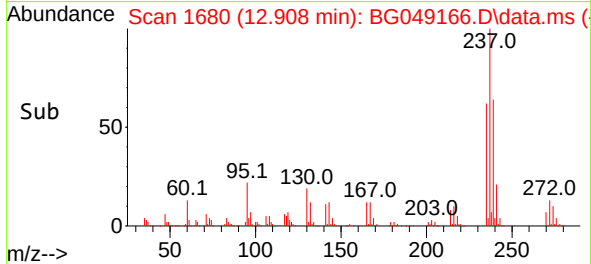
Instrument :
BNA_G
ClientSampleId :
PB137489BS



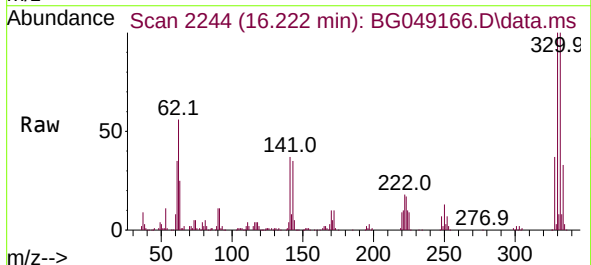
Tgt Ion:237 Resp: 235848
Ion Ratio Lower Upper
237 100
235 61.8 36.6 76.6
272 12.5 0.0 32.5

Manual Integrations
APPROVED

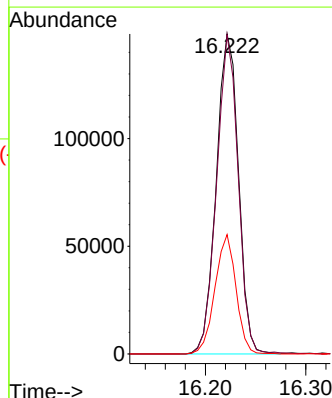
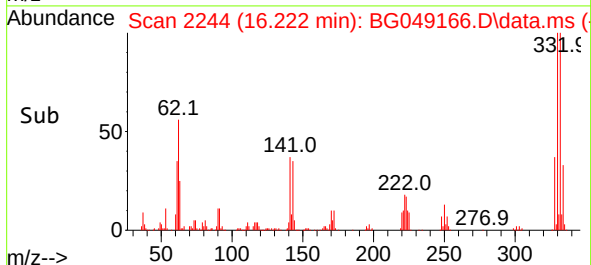
mohammad
7/7/2021 11:34:32 AM

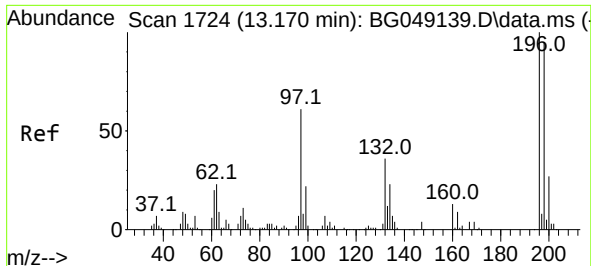


#42
2,4,6-Tribromophenol
Concen: 115.83 ng
RT: 16.222 min Scan# 2244
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



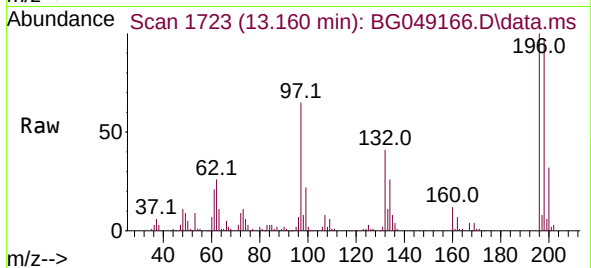
Tgt Ion:330 Resp: 228026
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.4 35.6 53.4#





#43
2,4,6-Trichlorophenol
Concen: 38.50 ng
RT: 13.160 min Scan# 1723
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

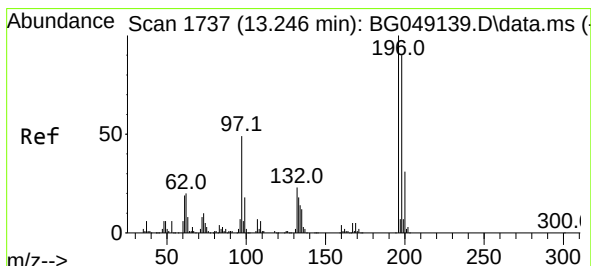
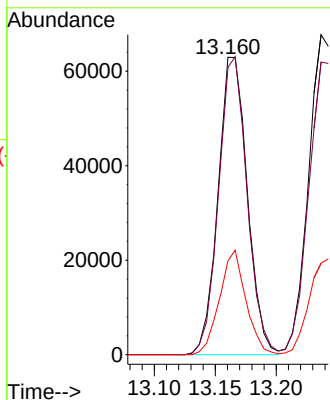
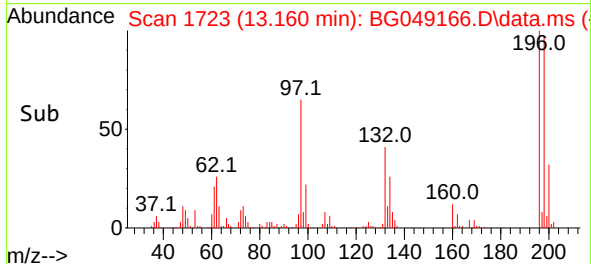
Instrument :
BNA_G
ClientSampled :
PB137489BS



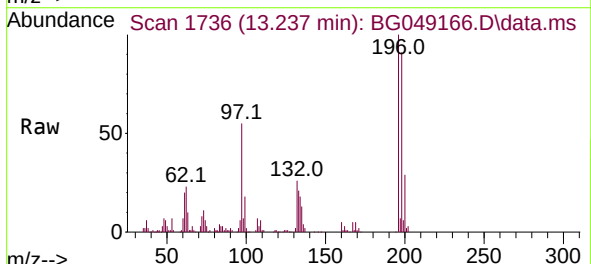
Tgt Ion:196 Resp: 105333
Ion Ratio Lower Upper
196 100
198 96.5 82.1 123.1
200 31.6 23.8 35.8

Manual Integrations
APPROVED

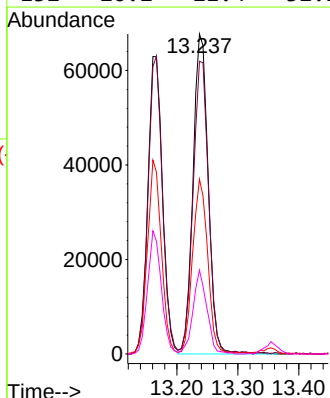
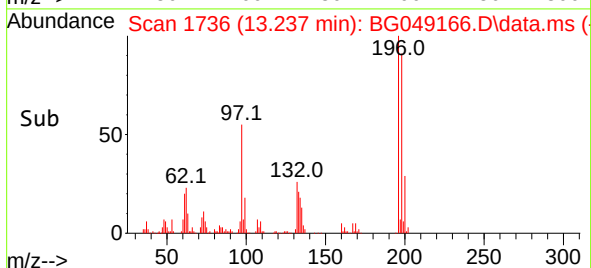
mohammad
7/7/2021 11:34:32 AM

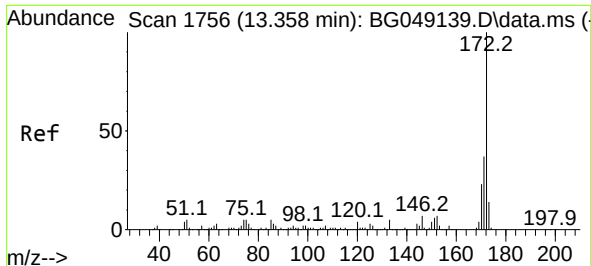


#44
2,4,5-Trichlorophenol
Concen: 39.34 ng
RT: 13.237 min Scan# 1736
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



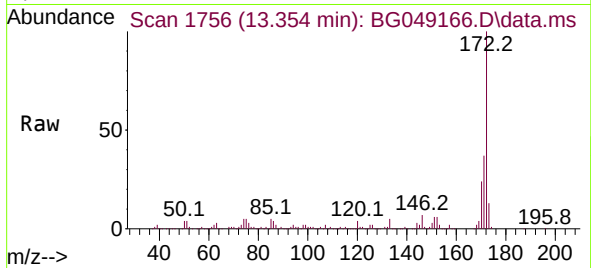
Tgt Ion:196 Resp: 117691
Ion Ratio Lower Upper
196 100
198 91.5 87.4 131.0
97 54.6 43.3 64.9
132 26.2 21.4 32.2





#45
2-Fluorobiphenyl
Concen: 76.50 ng
RT: 13.354 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

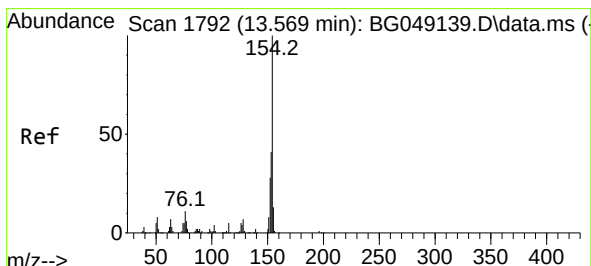
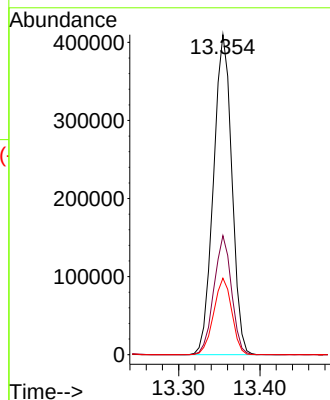
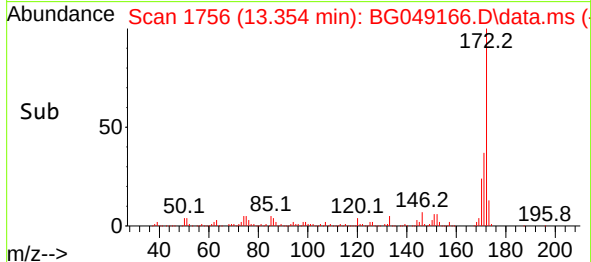
Instrument :
BNA_G
ClientSampleId :
PB137489BS



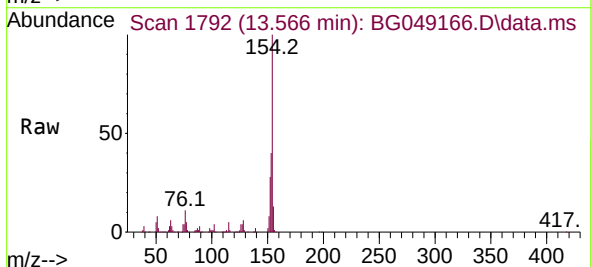
Tgt Ion:172 Resp: 643951
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 23.9 18.6 27.8

Manual Integrations
APPROVED

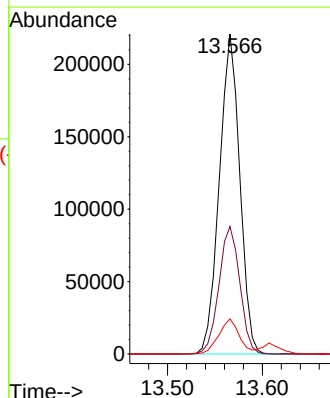
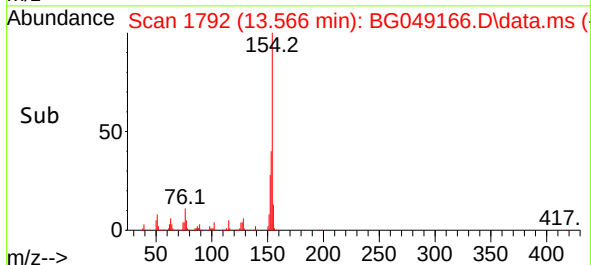
mohammad
7/7/2021 11:34:32 AM

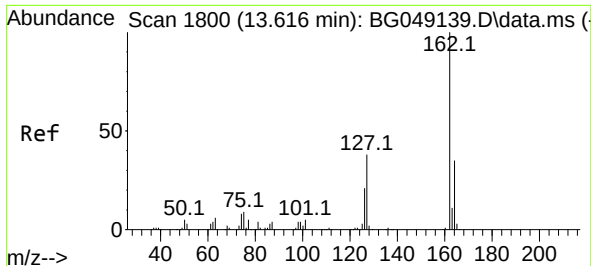


#46
1,1'-Biphenyl
Concen: 38.97 ng
RT: 13.566 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



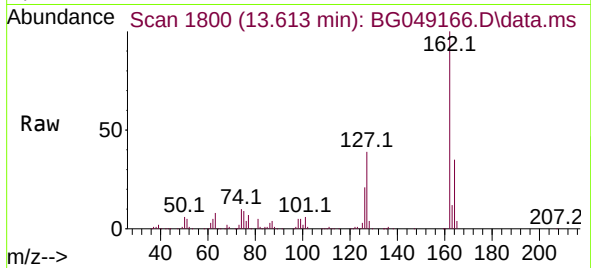
Tgt Ion:154 Resp: 330603
Ion Ratio Lower Upper
154 100
153 39.8 20.5 60.5
76 11.0 0.0 29.3





#47
2-Chloronaphthalene
Concen: 37.09 ng
RT: 13.613 min Scan# 1800
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

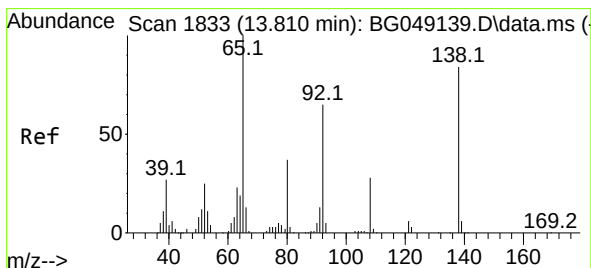
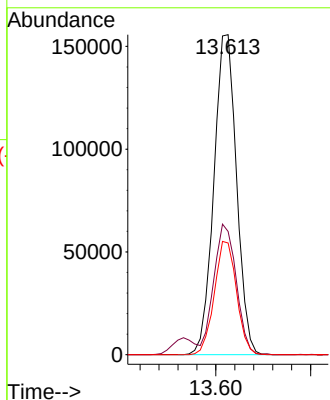
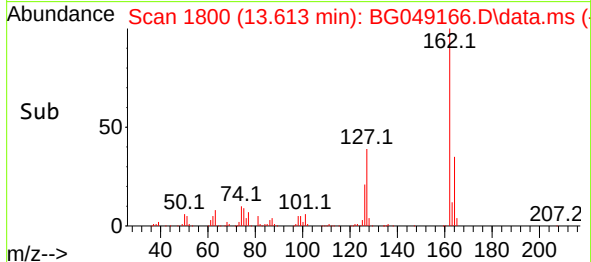
Instrument :
BNA_G
ClientSampled :
PB137489BS



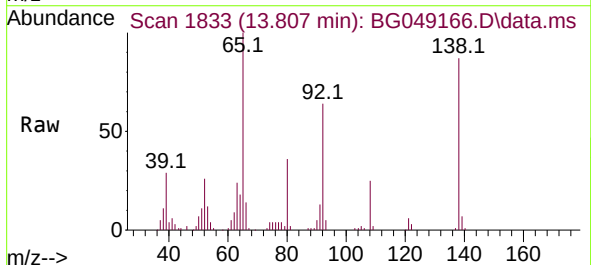
Tgt Ion:162 Resp: 258911
Ion Ratio Lower Upper
162 100
127 38.5 32.7 49.1
164 34.9 27.0 40.4

Manual Integrations
APPROVED

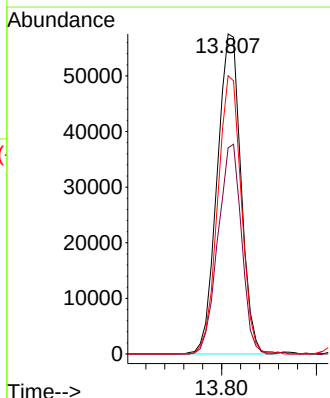
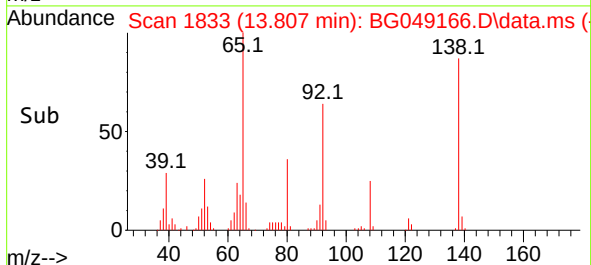
mohammad
7/7/2021 11:34:32 AM

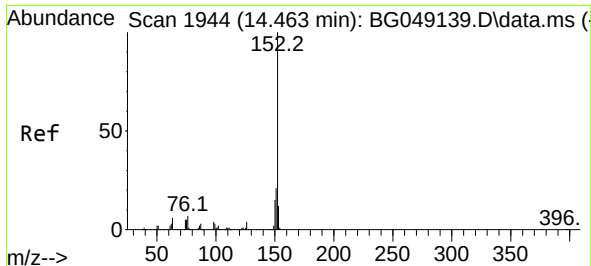


#48
2-Nitroaniline
Concen: 39.55 ng
RT: 13.807 min Scan# 1833
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



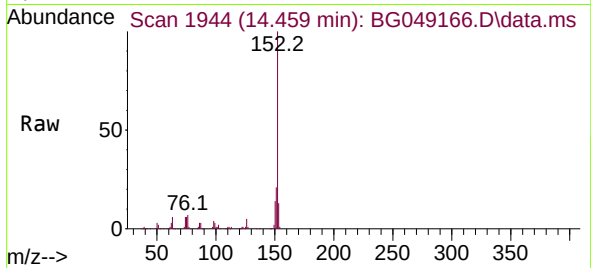
Tgt Ion: 65 Resp: 100679
Ion Ratio Lower Upper
65 100
92 64.4 47.2 70.8
138 87.0 68.0 102.0





#49
Acenaphthylene
Concen: 38.74 ng
RT: 14.459 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

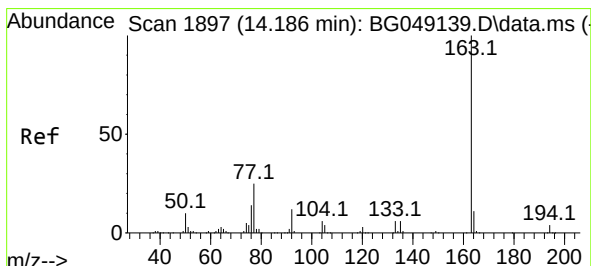
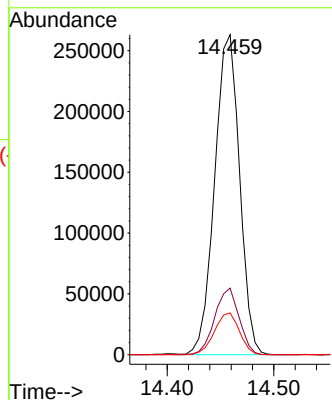
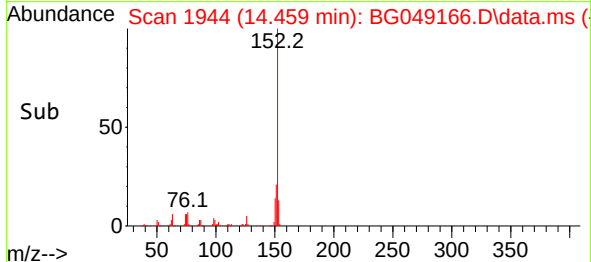
Instrument :
BNA_G
ClientSampleId :
PB137489BS



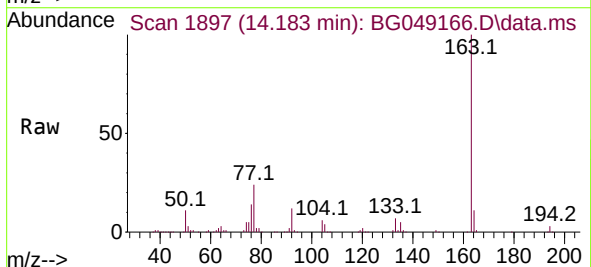
Tgt Ion:152 Resp: 426371
Ion Ratio Lower Upper
152 100
151 20.8 18.2 27.4
153 13.0 11.7 17.5

Manual Integrations
APPROVED

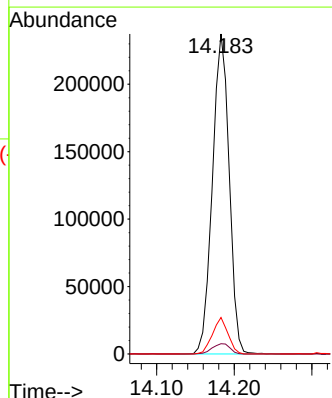
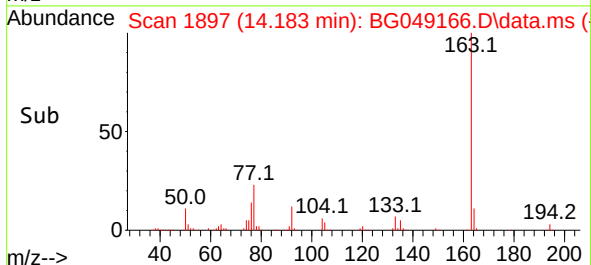
mohammad
7/7/2021 11:34:32 AM

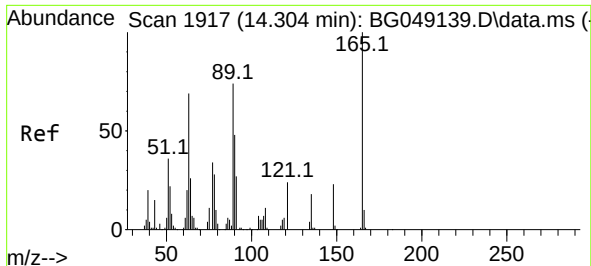


#50
Dimethylphthalate
Concen: 39.04 ng
RT: 14.183 min Scan# 1897
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion:163 Resp: 355805
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.6
164 11.4 8.6 12.8





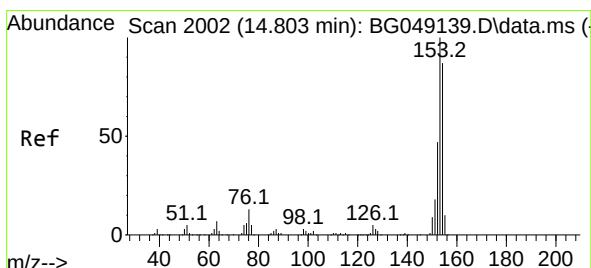
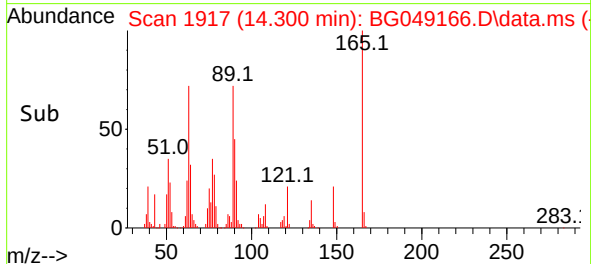
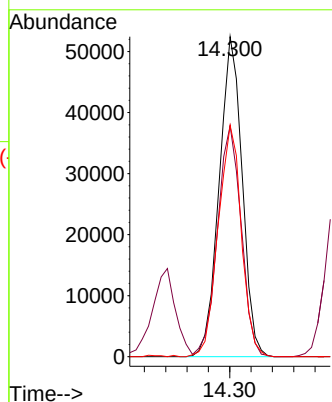
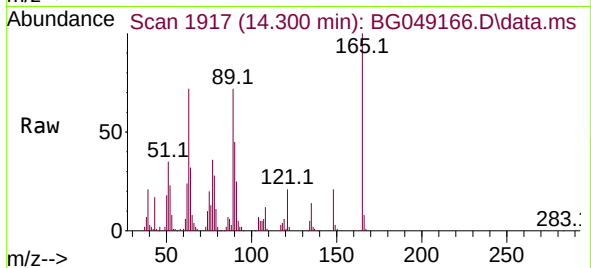
#51
2,6-Dinitrotoluene
Concen: 37.42 ng
RT: 14.300 min Scan# 1917
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.1	63.3	94.9
89	72.3	63.4	95.0

Instrument :
BNA_G
ClientSampleId :
PB137489BS

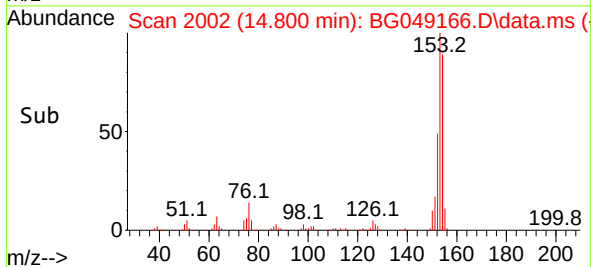
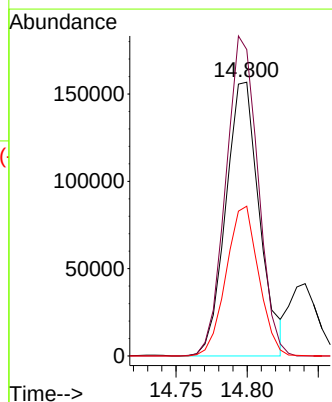
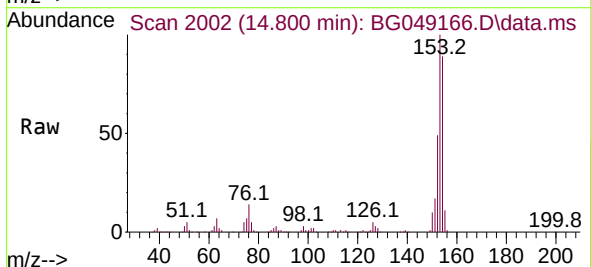
Manual Integrations
APPROVED

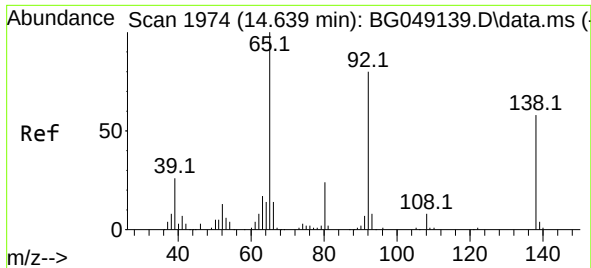
mohammad
7/7/2021 11:34:32 AM



#52
Acenaphthene
Concen: 37.61 ng
RT: 14.800 min Scan# 2002
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

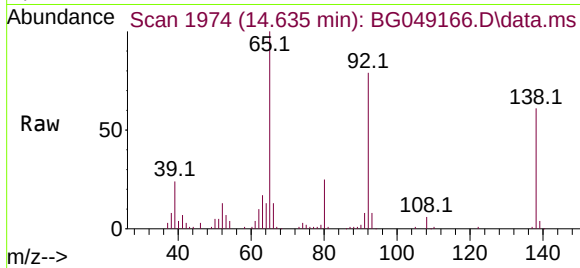
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	87.0	130.4
152	54.7	40.1	60.1





#53
3-Nitroaniline
Concen: 29.70 ng
RT: 14.635 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

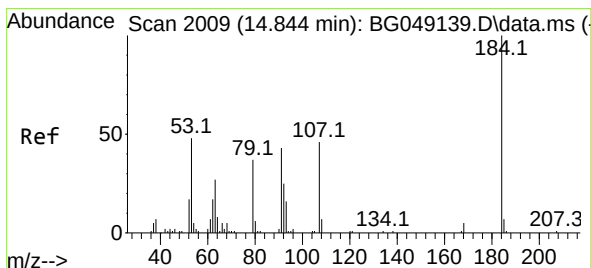
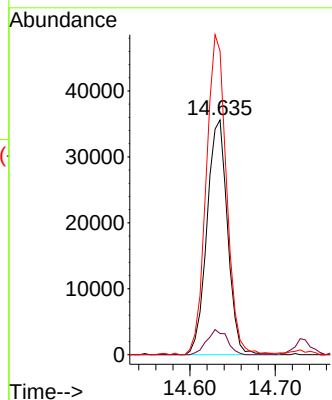
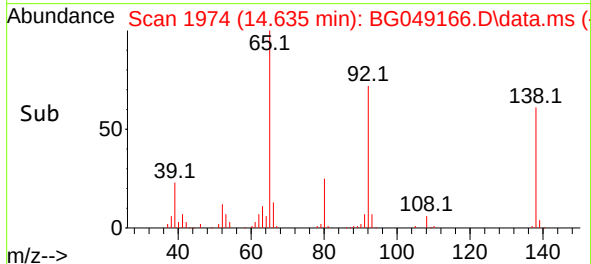
Instrument :
BNA_G
ClientSampleId :
PB137489BS



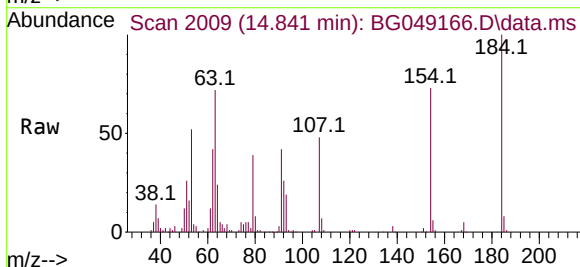
Tgt Ion:138 Resp: 59598
Ion Ratio Lower Upper
138 100
108 9.0 8.3 12.5
92 129.4 96.4 144.6

Manual Integrations
APPROVED

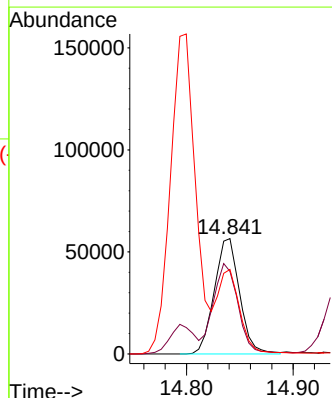
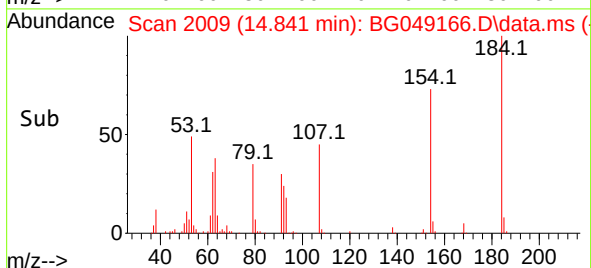
mohammad
7/7/2021 11:34:32 AM

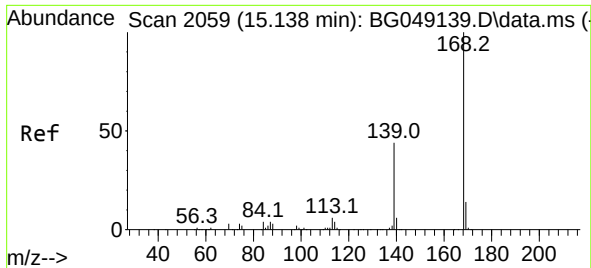


#54
2,4-Dinitrophenol
Concen: 65.87 ng
RT: 14.841 min Scan# 2009
Delta R.T. -0.003 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



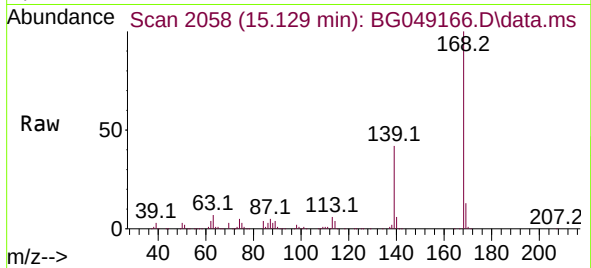
Tgt Ion:184 Resp: 93104
Ion Ratio Lower Upper
184 100
63 71.6 68.3 102.5
154 73.3 62.6 93.8





#55
Dibenzofuran
Concen: 37.05 ng
RT: 15.129 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

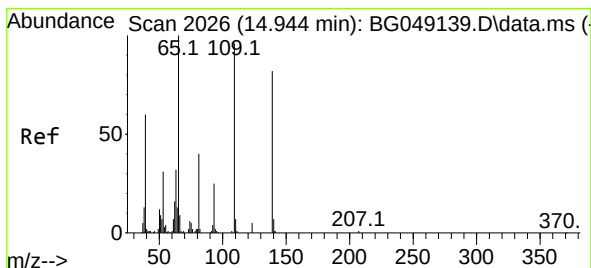
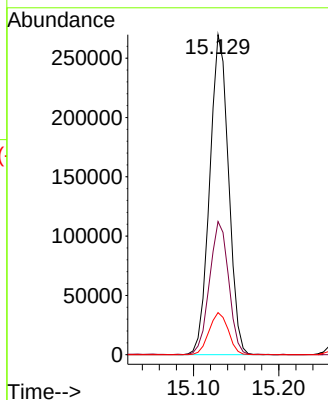
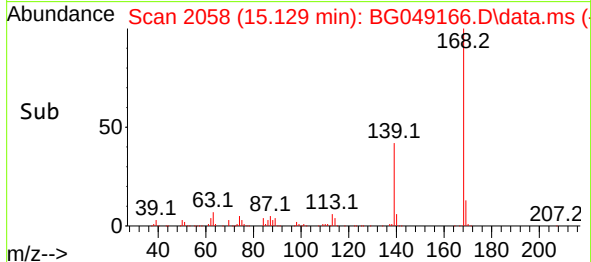
Instrument :
BNA_G
ClientSampled :
PB137489BS



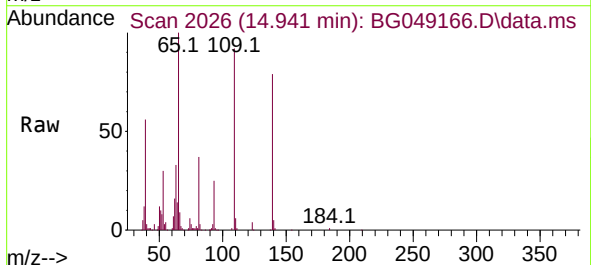
Tgt Ion:168 Resp: 413708
Ion Ratio Lower Upper
168 100
139 41.6 33.4 50.2
169 13.1 12.3 18.5

Manual Integrations
APPROVED

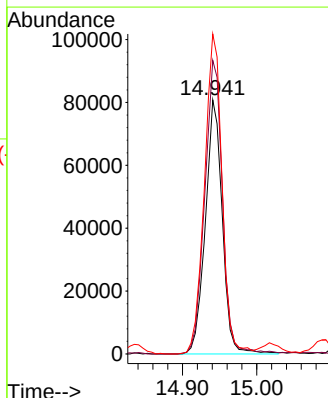
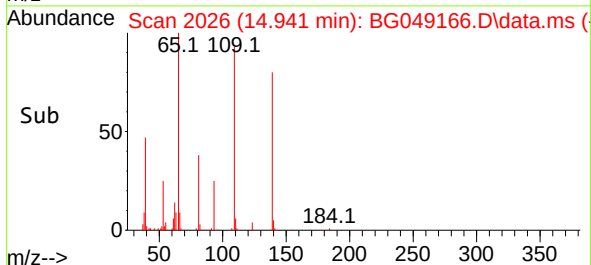
mohammad
7/7/2021 11:34:32 AM

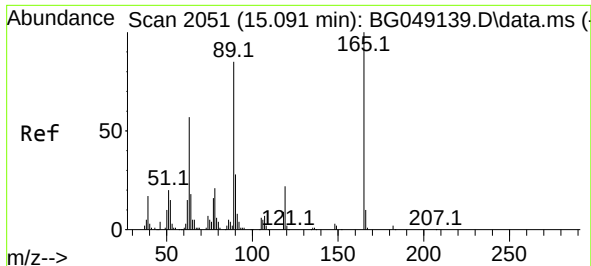


#56
4-Nitrophenol
Concen: 78.75 ng
RT: 14.941 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion:139 Resp: 128788
Ion Ratio Lower Upper
139 100
109 115.6 116.3 156.3#
65 126.0 105.0 145.0





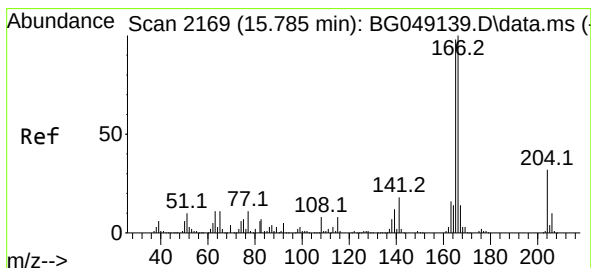
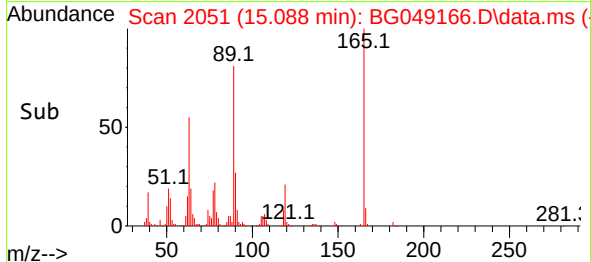
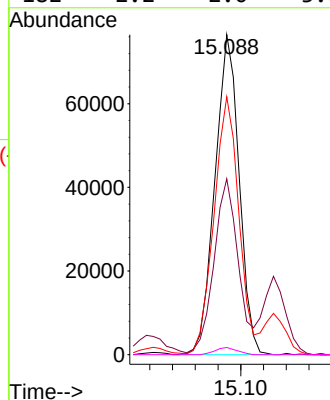
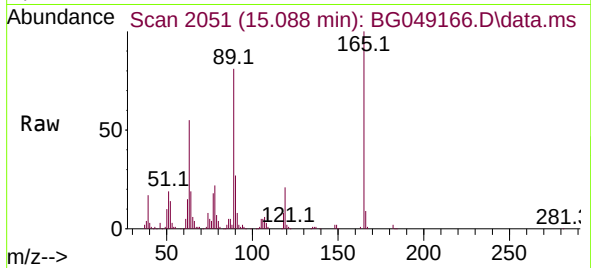
#57
2,4-Dinitrotoluene
Concen: 38.12 ng
RT: 15.088 min Scan# 2051
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:165 Resp: 113143
Ion Ratio Lower Upper
165 100
63 55.0 48.0 72.0
89 80.6 65.4 98.0
182 2.2 2.0 3.0

Instrument :
BNA_G
ClientSampleId :
PB137489BS

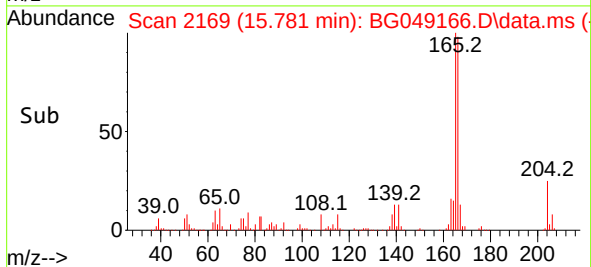
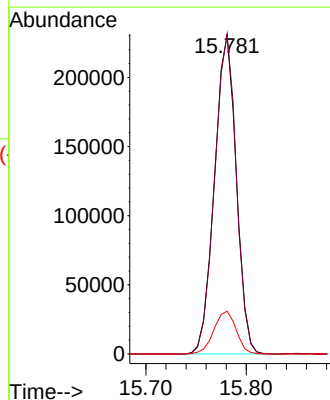
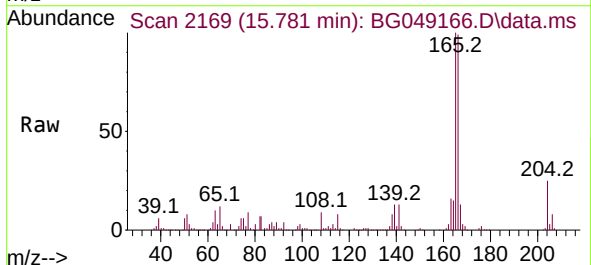
Manual Integrations
APPROVED

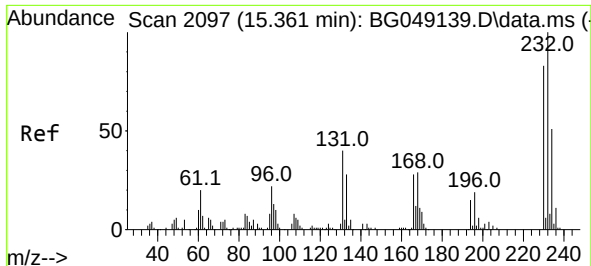
mohammad
7/7/2021 11:34:32 AM



#58
Fluorene
Concen: 37.56 ng
RT: 15.781 min Scan# 2169
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:166 Resp: 346837
Ion Ratio Lower Upper
166 100
165 100.5 77.7 116.5
167 13.4 10.8 16.2





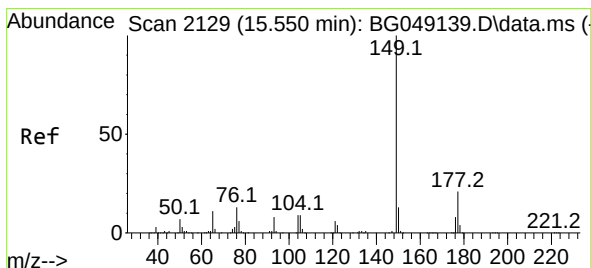
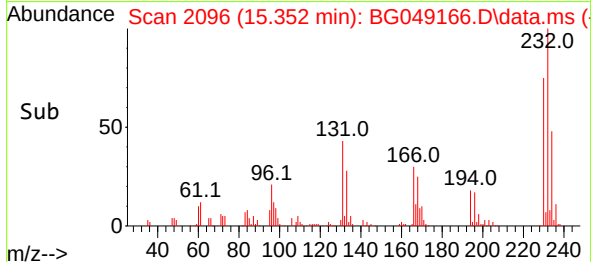
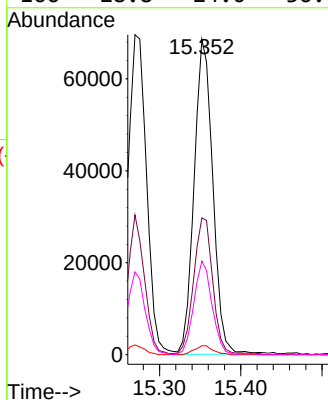
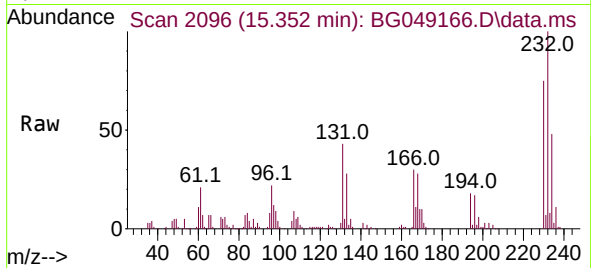
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.34 ng
RT: 15.352 min Scan# 2096
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:232 Resp: 109549
Ion Ratio Lower Upper
232 100
131 44.7 37.2 55.8
130 2.8 2.8 4.2
166 28.8 24.0 36.0

Instrument :
BNA_G
ClientSampleId :
PB137489BS

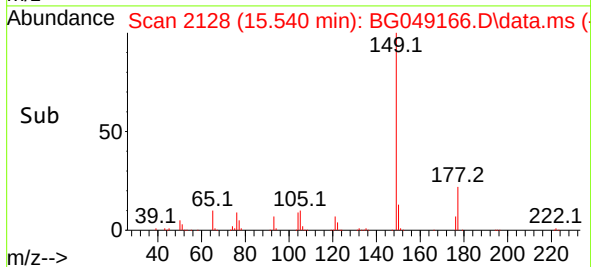
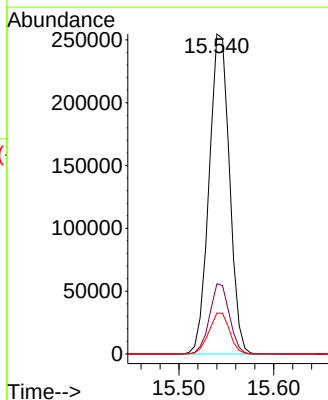
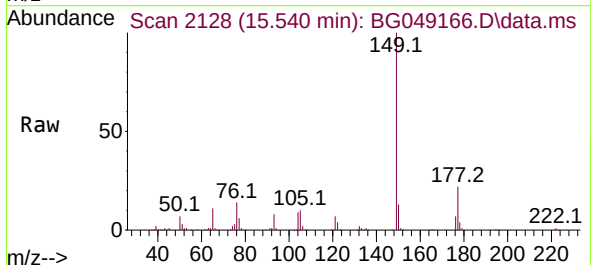
Manual Integrations
APPROVED

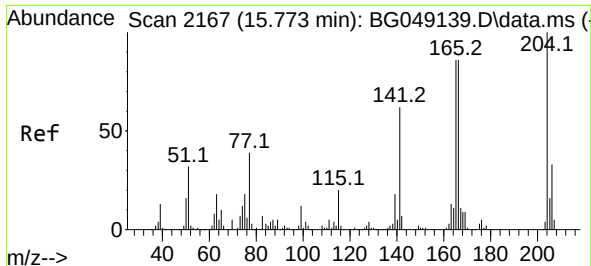
mohammad
7/7/2021 11:34:32 AM



#60
Diethylphthalate
Concen: 39.36 ng
RT: 15.540 min Scan# 2128
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

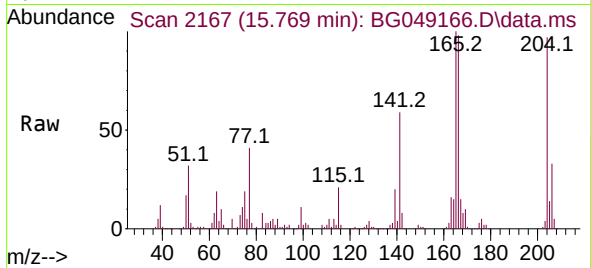
Tgt Ion:149 Resp: 380058
Ion Ratio Lower Upper
149 100
177 21.9 19.0 28.6
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 37.21 ng
RT: 15.769 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

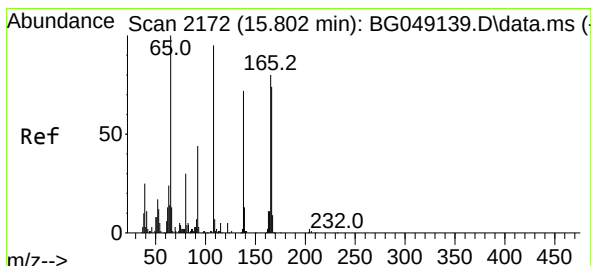
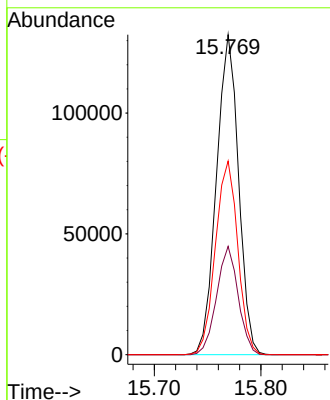
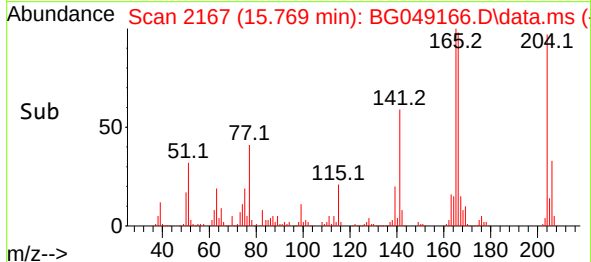
Instrument :
BNA_G
ClientSampled :
PB137489BS



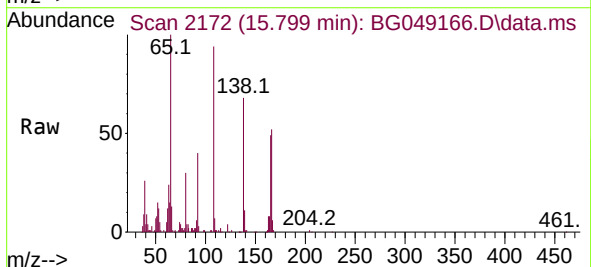
Tgt Ion:204 Resp: 190230
Ion Ratio Lower Upper
204 100
206 33.9 24.6 37.0
141 60.5 47.8 71.8

Manual Integrations
APPROVED

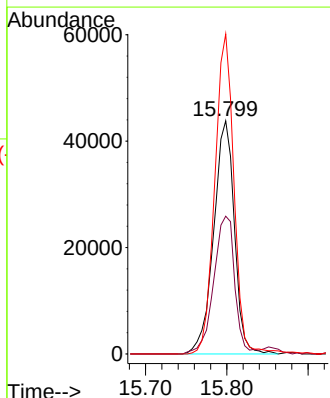
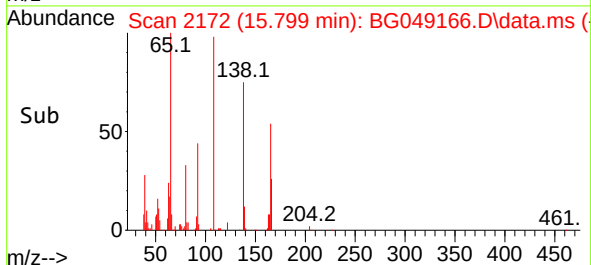
mohammad
7/7/2021 11:34:32 AM

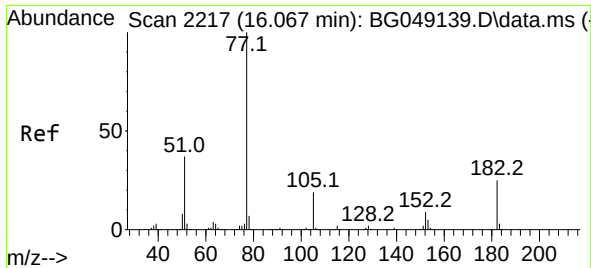


#62
4-Nitroaniline
Concen: 37.24 ng
RT: 15.799 min Scan# 2172
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion:138 Resp: 77645
Ion Ratio Lower Upper
138 100
92 59.1 32.3 72.3
108 137.3 132.4 172.4





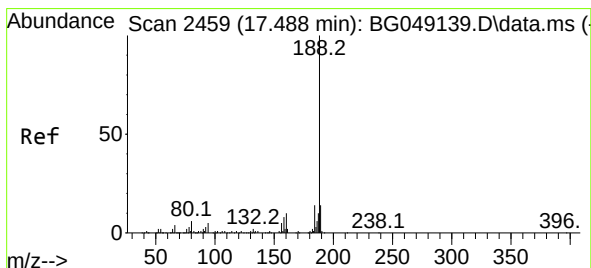
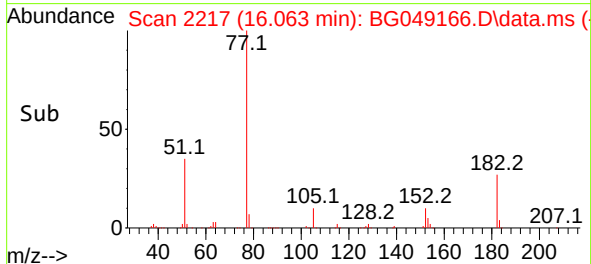
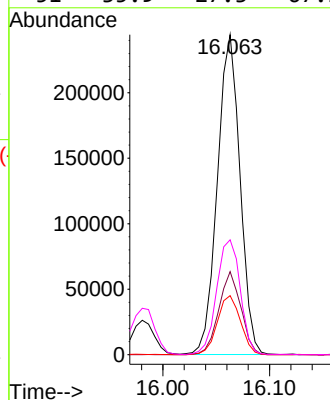
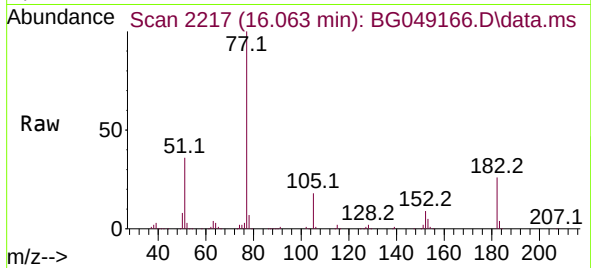
#63
Azobenzene
Concen: 36.95 ng
RT: 16.063 min Scan# 2217
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion: 77	Resp: 359705
Ion Ratio	Lower Upper
77 100	
182 26.0	7.9 47.9
105 18.4	0.0 37.9
51 35.9	27.3 67.3

Instrument :
BNA_G
ClientSampleId :
PB137489BS

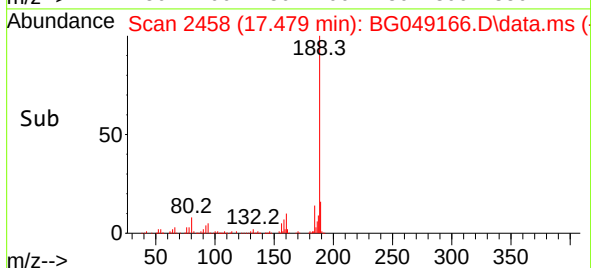
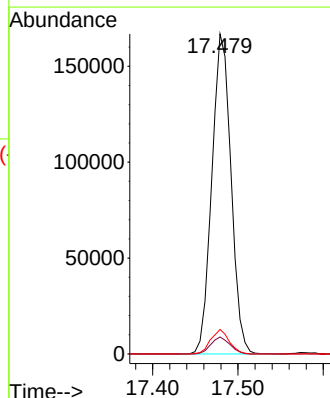
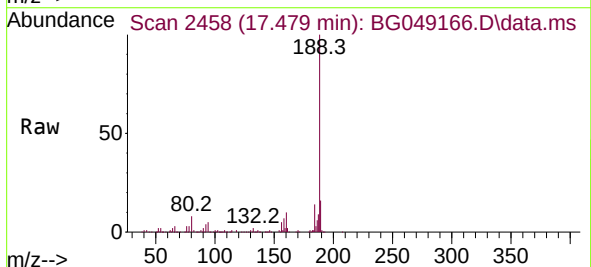
Manual Integrations
APPROVED

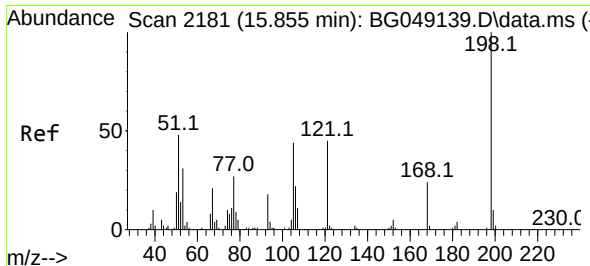
mohammad
7/7/2021 11:34:32 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:188	Resp: 260807
Ion Ratio	Lower Upper
188 100	
94 5.3	5.4 8.0#
80 7.7	3.7 5.5#





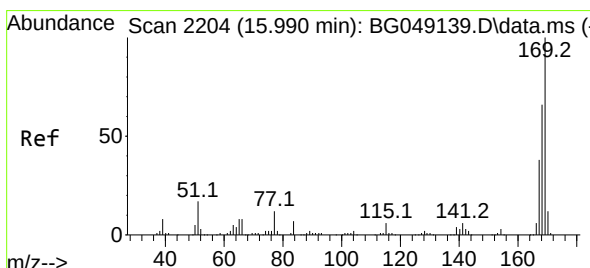
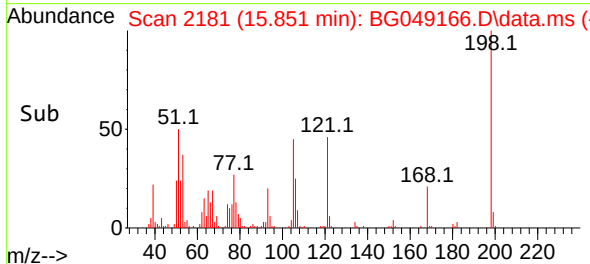
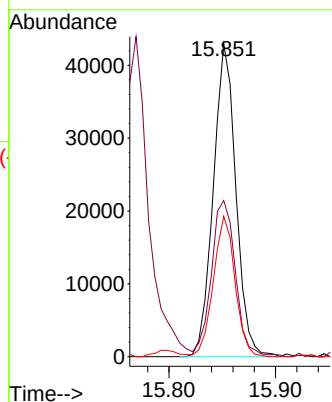
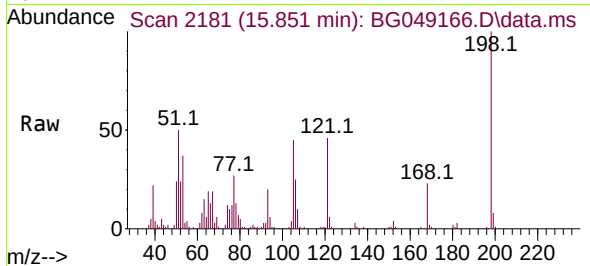
#65
4,6-Dinitro-2-methylphenol
Concen: 33.92 ng
RT: 15.851 min Scan# 2181
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Instrument :
BNA_G
ClientSampled :
PB137489BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.9	29.4	69.4
105	44.9	15.1	55.1

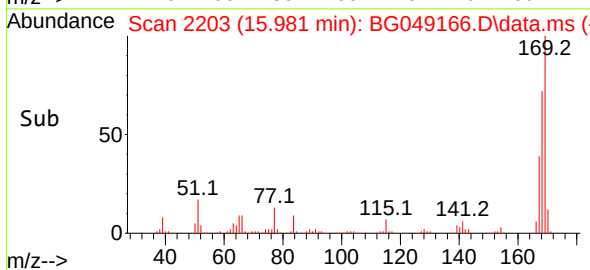
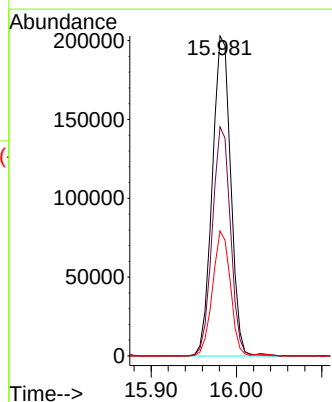
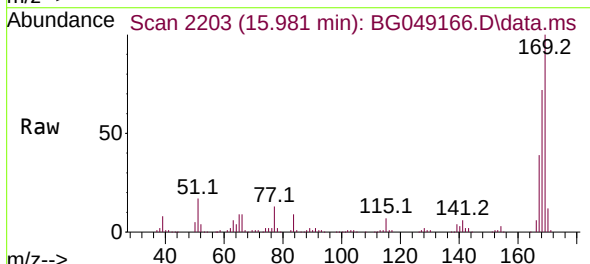
Manual Integrations
APPROVED

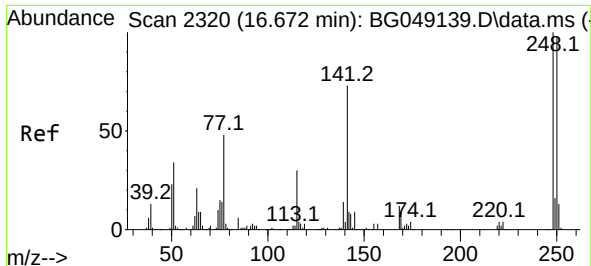
mohammad
7/7/2021 11:34:32 AM



#66
n-Nitrosodiphenylamine
Concen: 37.23 ng
RT: 15.981 min Scan# 2203
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.6	56.3	84.5
167	39.0	28.4	42.6





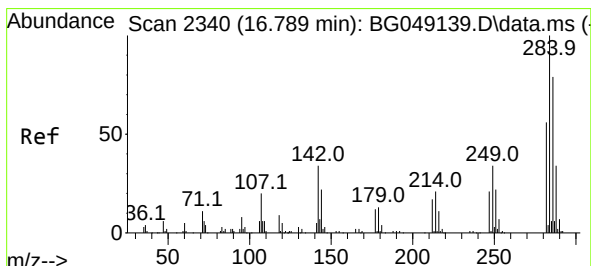
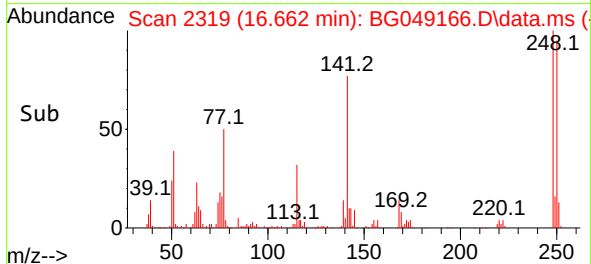
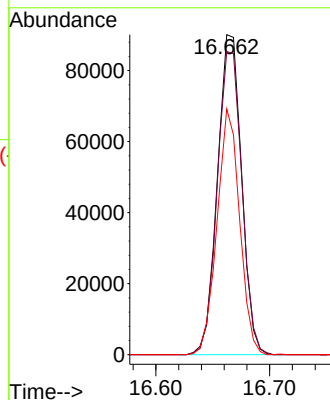
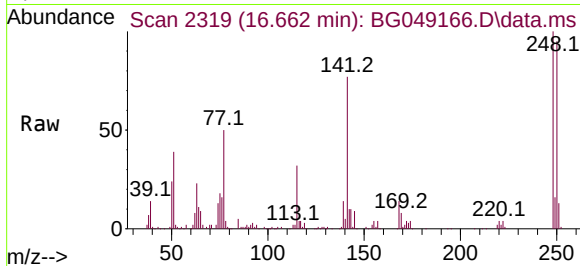
#67
4-Bromophenyl-phenylether
Concen: 37.77 ng
RT: 16.662 min Scan# 2319
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Instrument :
BNA_G
ClientSampled :
PB137489BS

Tgt Ion:248 Resp: 132884
Ion Ratio Lower Upper
248 100
250 94.7 76.1 114.1
141 76.8 65.4 98.2

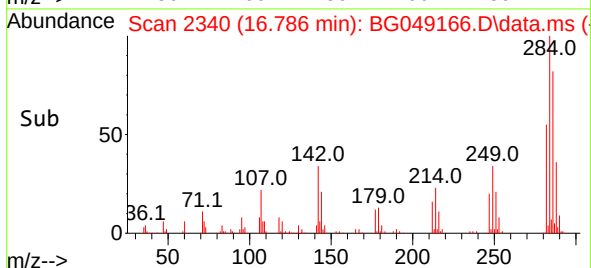
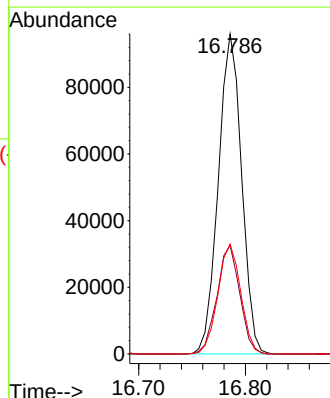
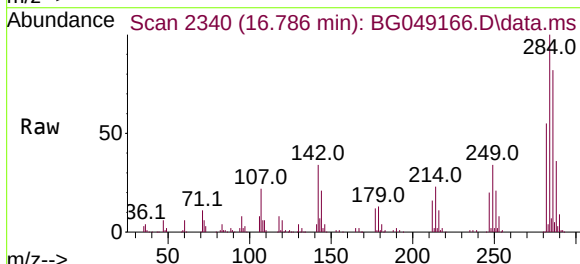
Manual Integrations
APPROVED

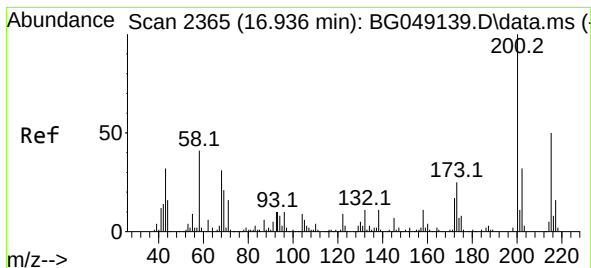
mohammad
7/7/2021 11:34:32 AM



#68
Hexachlorobenzene
Concen: 37.38 ng
RT: 16.786 min Scan# 2340
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Tgt Ion:284 Resp: 145392
Ion Ratio Lower Upper
284 100
142 33.9 27.0 40.6
249 34.3 28.2 42.2





#69

Atrazine

Concen: 48.42 ng

RT: 16.932 min Scan# 2365

Delta R.T. -0.004 min

Lab File: BG049166.D

Acq: 2 Jul 2021 13:56

Tgt Ion:	200	Resp:	131165
Ion Ratio	Lower	Upper	
200	100		
173	23.7	3.7	43.7
215	44.2	26.9	66.9

Instrument :

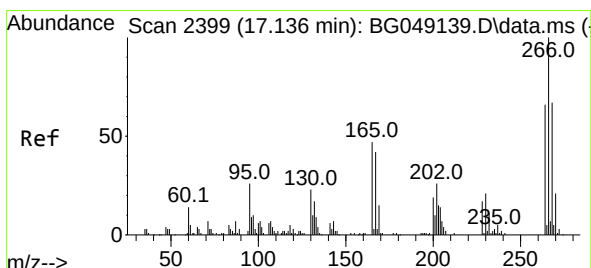
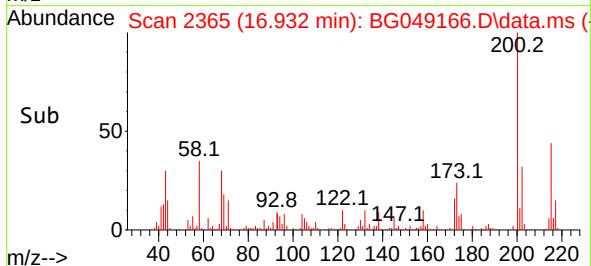
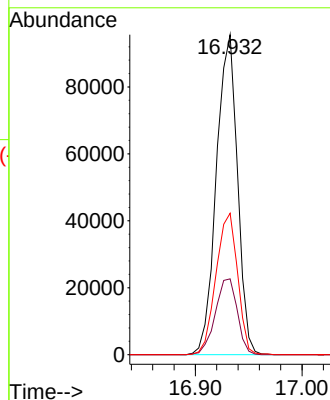
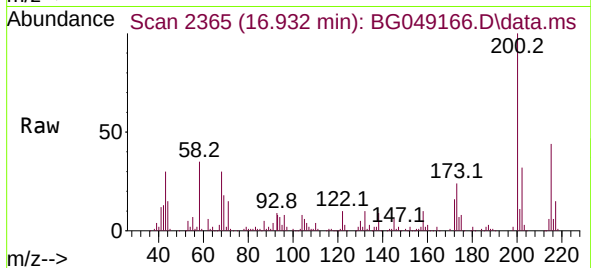
BNA_G

ClientSampleId :

PB137489BS

Manual Integrations
APPROVED

mohammad
7/7/2021 11:34:32 AM



#70

Pentachlorophenol

Concen: 81.03 ng

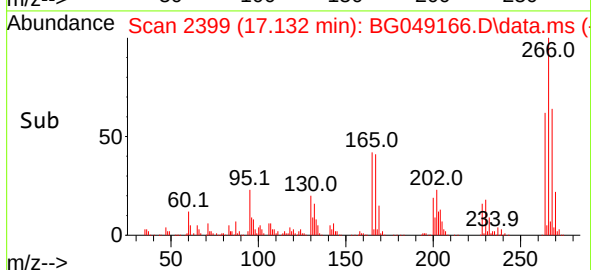
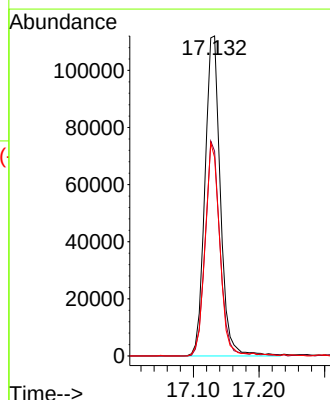
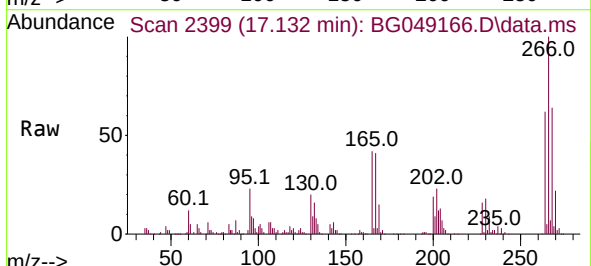
RT: 17.132 min Scan# 2399

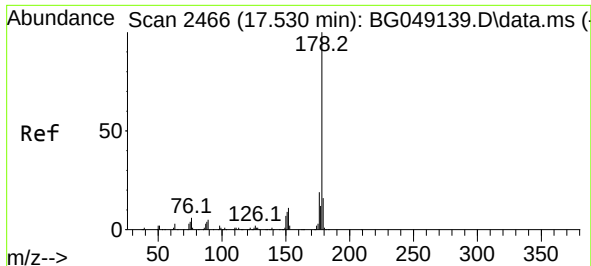
Delta R.T. -0.004 min

Lab File: BG049166.D

Acq: 2 Jul 2021 13:56

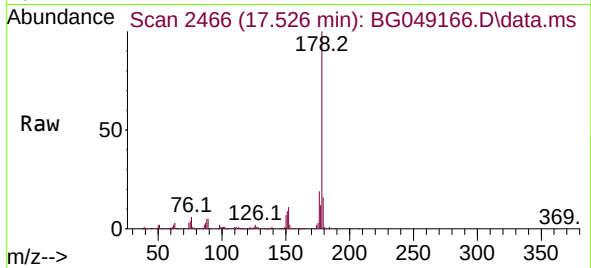
Tgt Ion:	266	Resp:	183460
Ion Ratio	Lower	Upper	
266	100		
268	64.0	49.0	73.4
264	62.1	49.0	73.6





#71
Phenanthrene
Concen: 37.33 ng
RT: 17.526 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

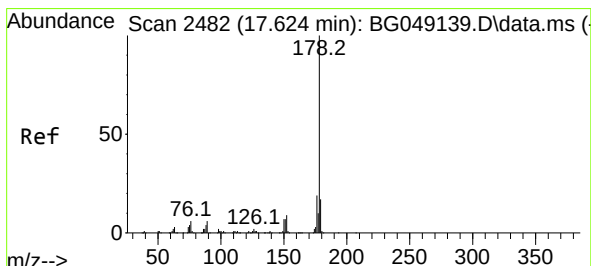
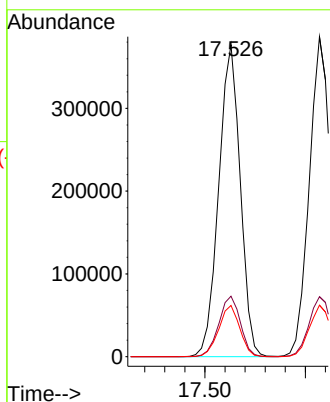
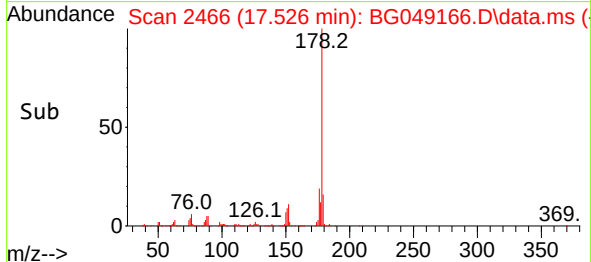
Instrument :
BNA_G
ClientSampleId :
PB137489BS



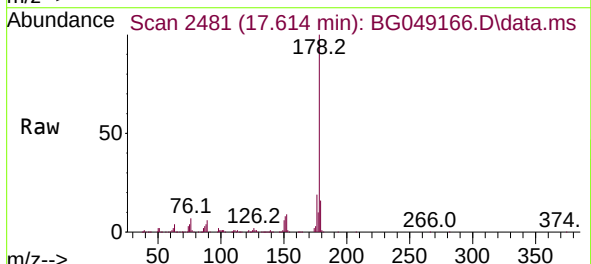
Tgt Ion:178 Resp: 560643
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.4 14.2 21.4

Manual Integrations
APPROVED

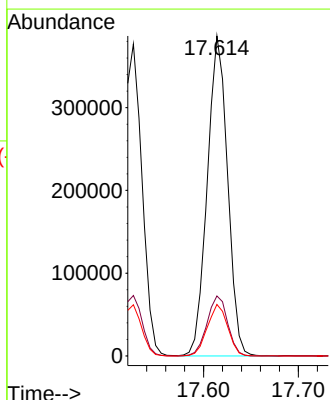
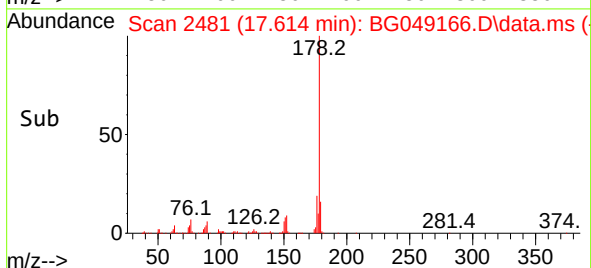
mohammad
7/7/2021 11:34:32 AM

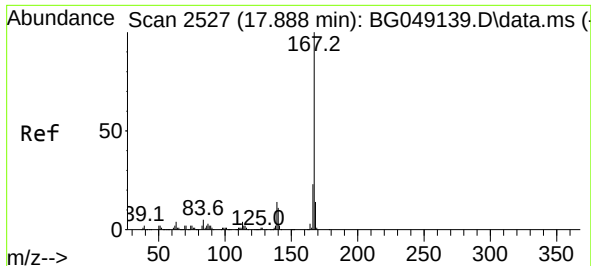


#72
Anthracene
Concen: 38.44 ng
RT: 17.614 min Scan# 2481
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

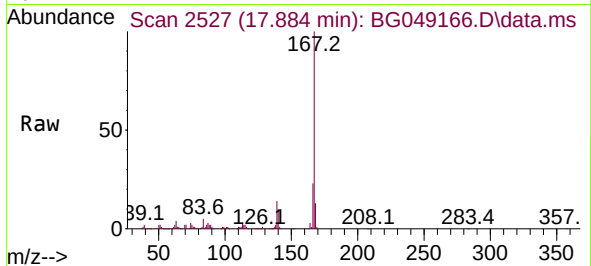


Tgt Ion:178 Resp: 575437
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 16.1 13.4 20.0

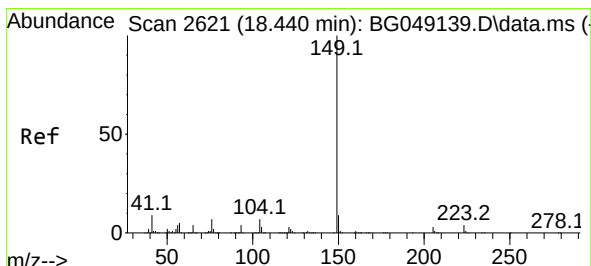
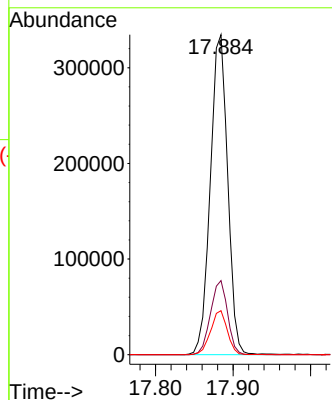
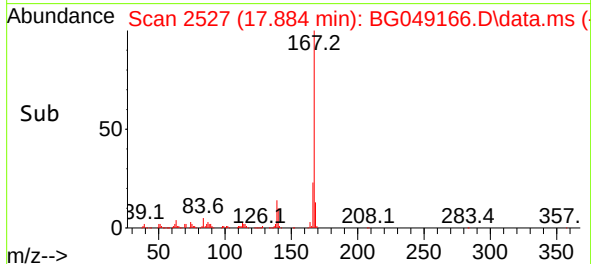




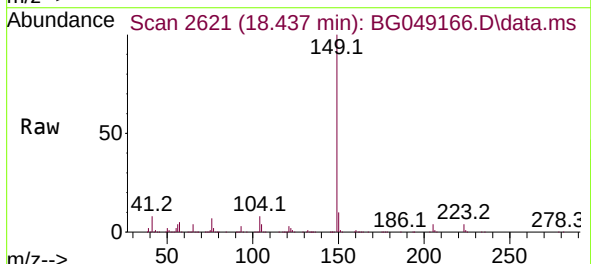
#73
 Carbazole
 Concen: 36.41 ng
 RT: 17.884 min Scan# 2527
 Delta R.T. -0.004 min
 Lab File: BG049166.D
 Acq: 2 Jul 2021 13:56



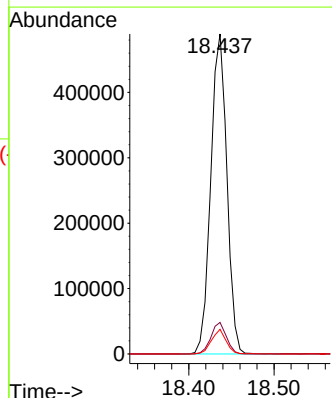
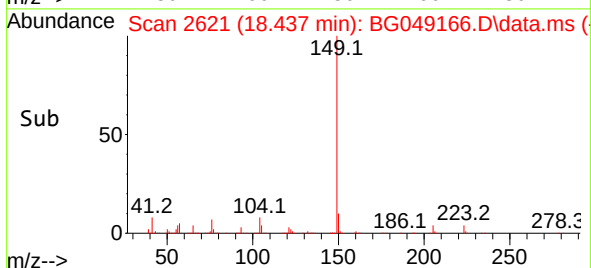
Tgt Ion:167 Resp: 519723
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.4 26.2
 139 13.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 39.12 ng
 RT: 18.437 min Scan# 2621
 Delta R.T. -0.004 min
 Lab File: BG049166.D
 Acq: 2 Jul 2021 13:56



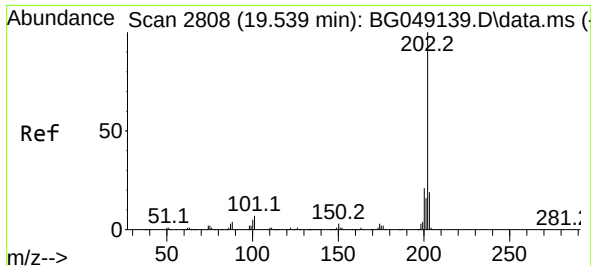
Tgt Ion:149 Resp: 641952
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 7.7 6.6 10.0



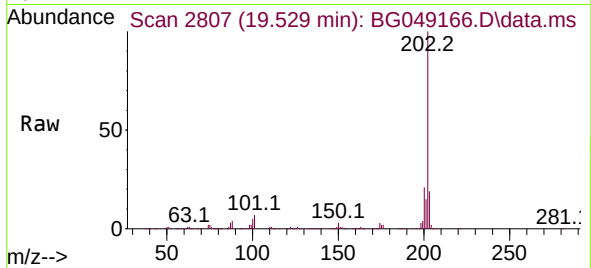
Instrument :
 BNA_G
 ClientSampleId :
 PB137489BS

Manual Integrations
 APPROVED

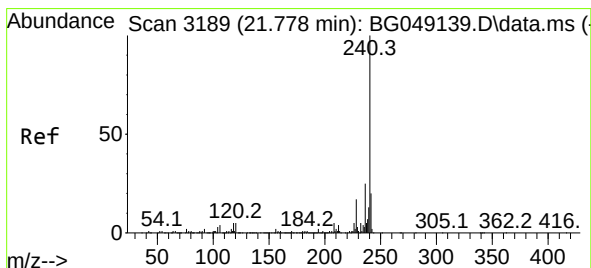
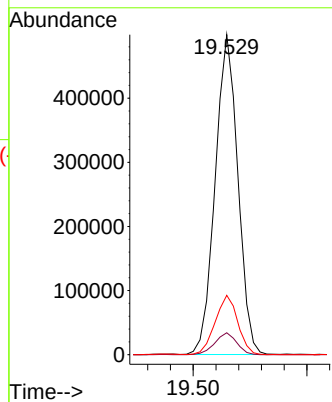
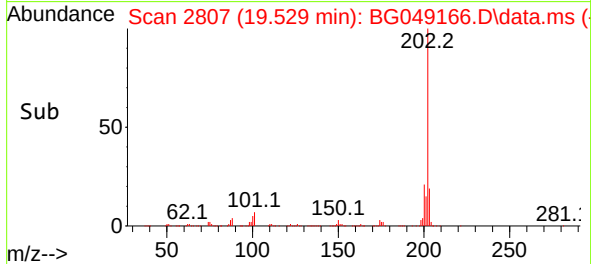
mohammad
 7/7/2021 11:34:32 AM



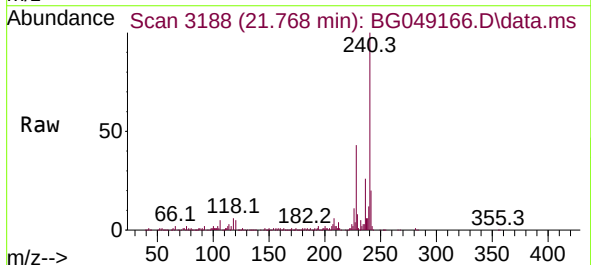
#75
Fluoranthene
Concen: 36.79 ng
RT: 19.529 min Scan# 2807
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



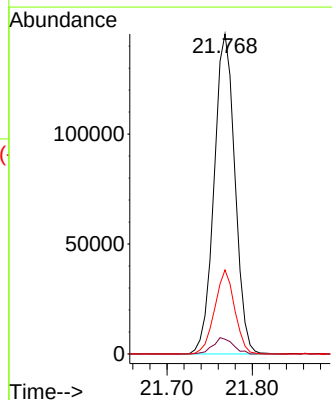
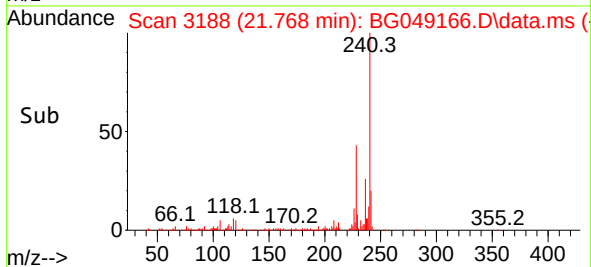
Tgt Ion:202 Resp: 691717
Ion Ratio Lower Upper
202 100
101 6.8 0.0 24.7
203 18.5 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.768 min Scan# 3188
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



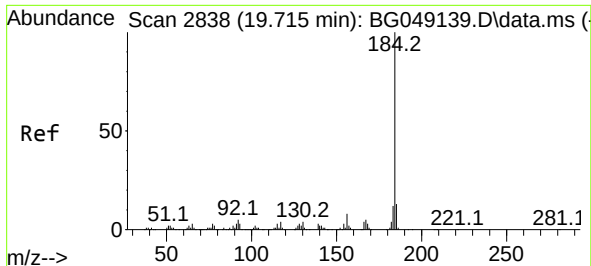
Tgt Ion:240 Resp: 246922
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 26.3 21.8 32.6



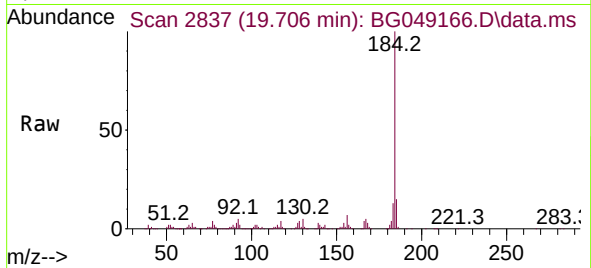
Instrument :
BNA_G
ClientSampleId :
PB137489BS

Manual Integrations
APPROVED

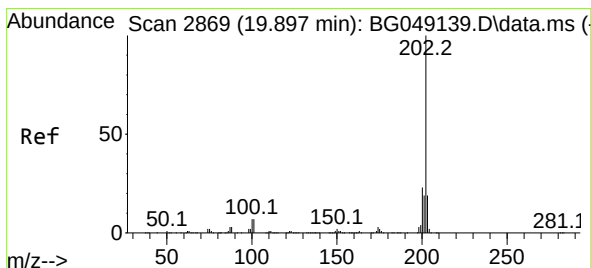
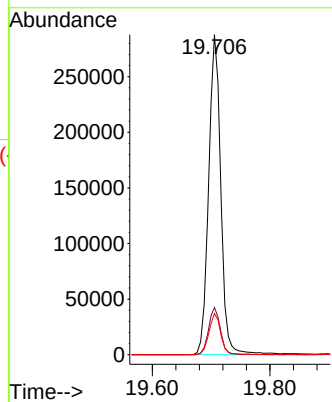
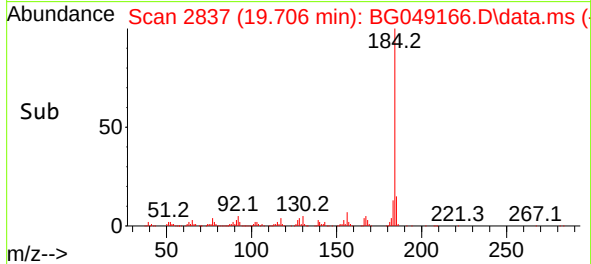
mohammad
7/7/2021 11:34:32 AM



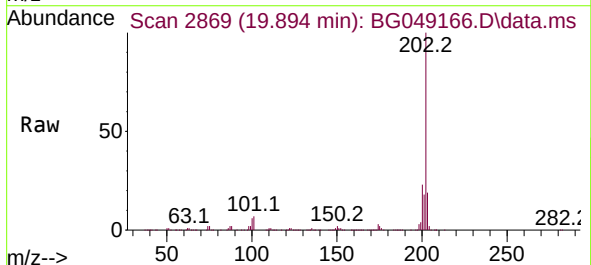
#77
Benzidine
Concen: 77.78 ng
RT: 19.706 min Scan# 2837
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



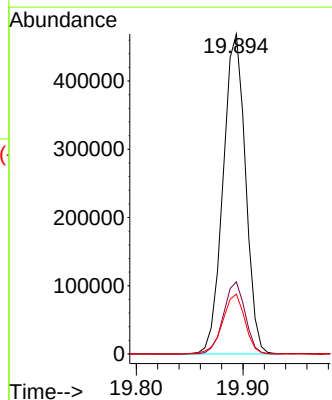
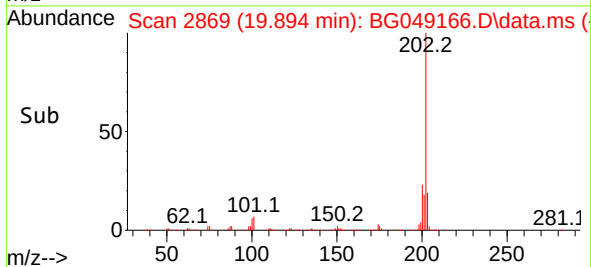
Tgt Ion:184 Resp: 412538
Ion Ratio Lower Upper
184 100
185 14.7 10.7 16.1
183 12.9 9.4 14.0



#78
Pyrene
Concen: 37.28 ng
RT: 19.894 min Scan# 2869
Delta R.T. -0.004 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



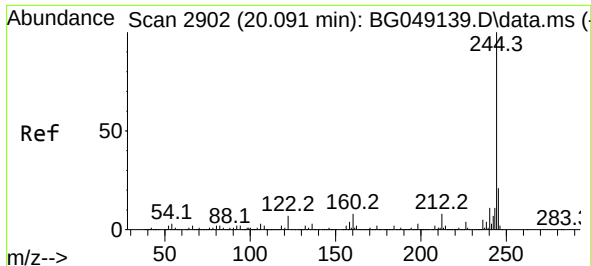
Tgt Ion:202 Resp: 683762
Ion Ratio Lower Upper
202 100
200 22.5 15.8 23.8
203 18.7 14.6 21.8



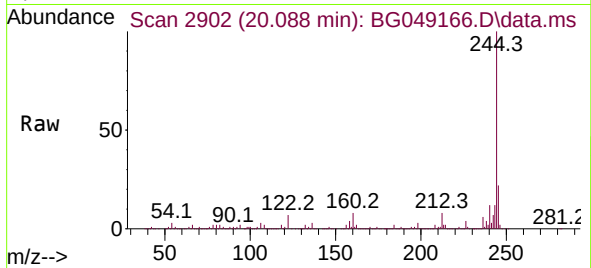
Instrument :
BNA_G
ClientSampleId :
PB137489BS

Manual Integrations
APPROVED

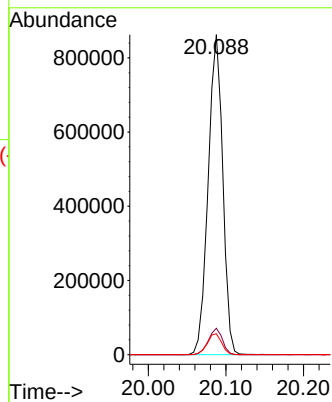
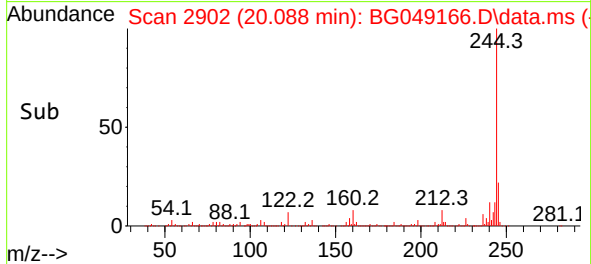
mohammad
7/7/2021 11:34:32 AM



#79
 Terphenyl-d14
 Concen: 77.18 ng
 RT: 20.088 min Scan# 2902
 Delta R.T. -0.004 min
 Lab File: BG049166.D
 Acq: 2 Jul 2021 13:56



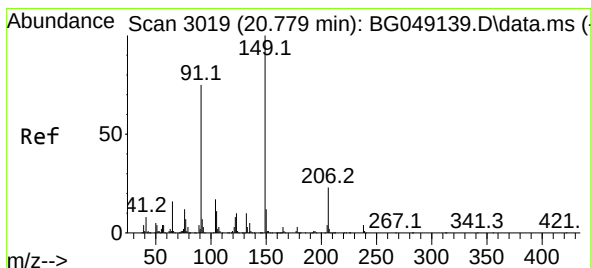
Tgt Ion:244 Resp: 1124699
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 6.6 5.0 7.6



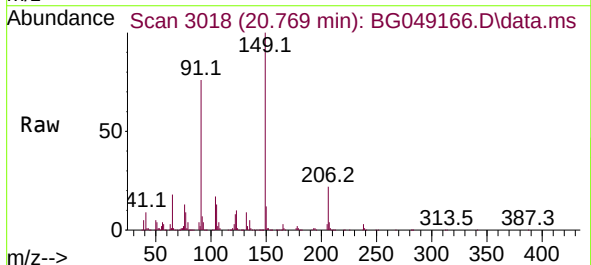
Instrument :
 BNA_G
 ClientSampleId :
 PB137489BS

Manual Integrations
 APPROVED

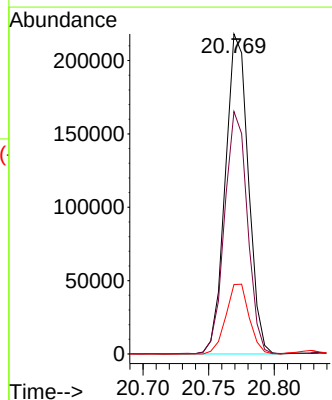
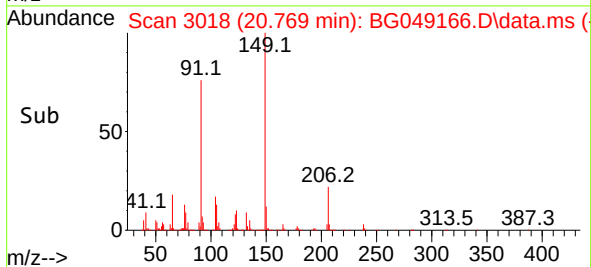
mohammad
 7/7/2021 11:34:32 AM

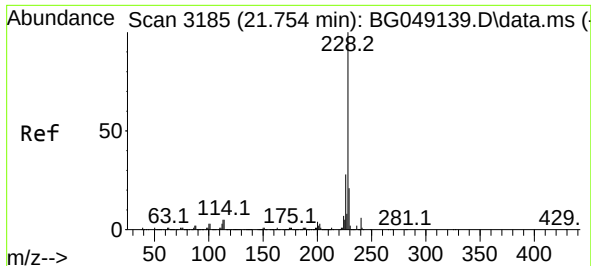


#80
 Butylbenzylphthalate
 Concen: 38.31 ng
 RT: 20.769 min Scan# 3018
 Delta R.T. -0.009 min
 Lab File: BG049166.D
 Acq: 2 Jul 2021 13:56



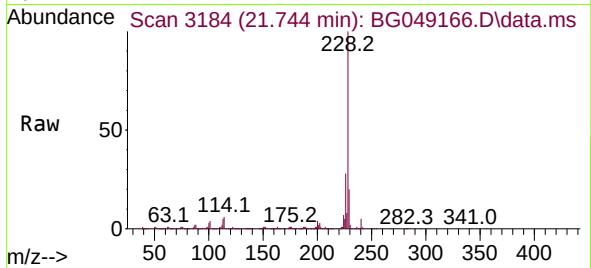
Tgt Ion:149 Resp: 266208
 Ion Ratio Lower Upper
 149 100
 91 75.7 63.4 95.2
 206 21.7 18.4 27.6





#81
Benzo(a)anthracene
Concen: 36.17 ng
RT: 21.744 min Scan# 3184
Delta R.T. -0.010 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

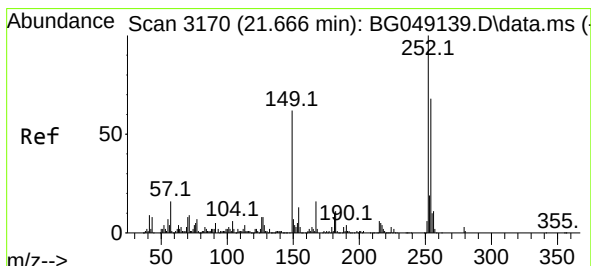
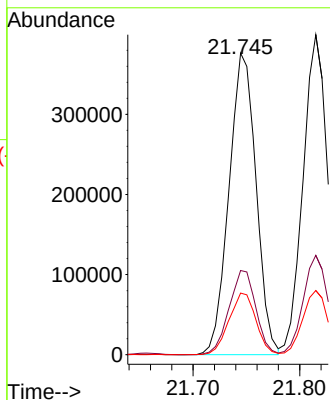
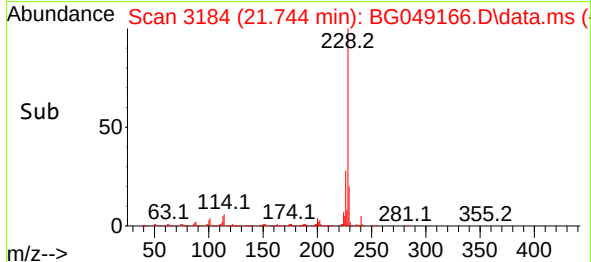
Instrument :
BNA_G
ClientSampleId :
PB137489BS



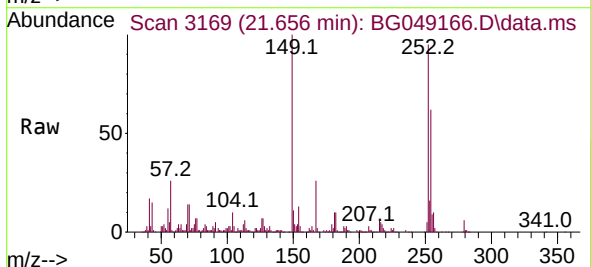
Tgt Ion:228 Resp: 666189
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 20.4 16.0 24.0

Manual Integrations
APPROVED

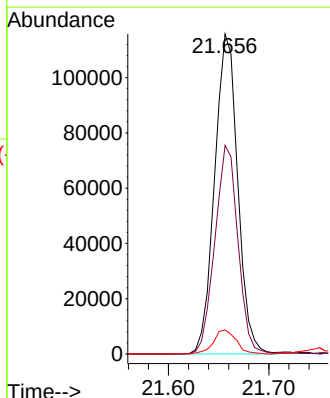
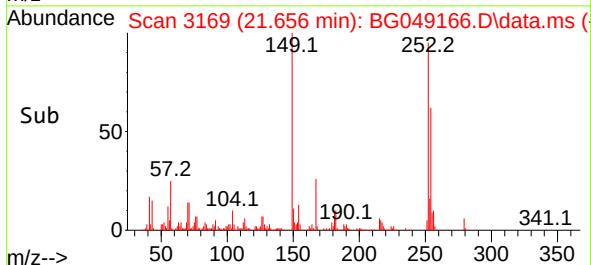
mohammad
7/7/2021 11:34:32 AM

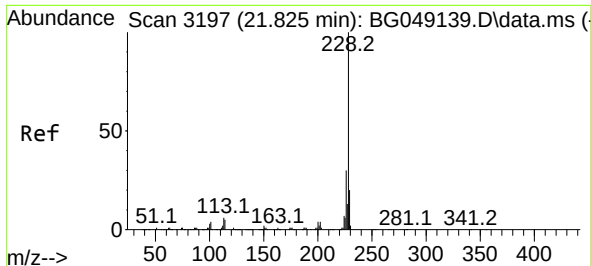


#82
3,3'-Dichlorobenzidine
Concen: 29.50 ng
RT: 21.656 min Scan# 3169
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

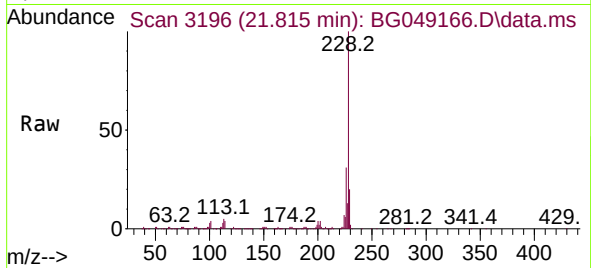


Tgt Ion:252 Resp: 184854
Ion Ratio Lower Upper
252 100
254 65.1 52.4 78.6
126 7.5 5.9 8.9

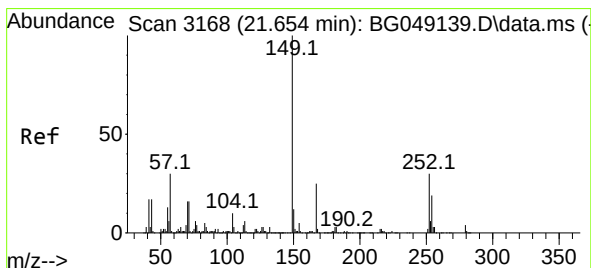
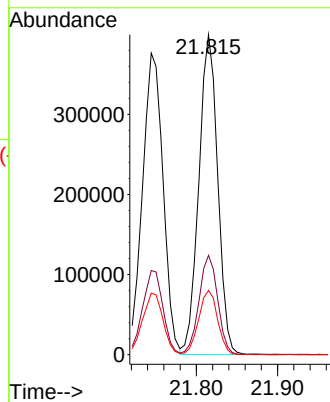
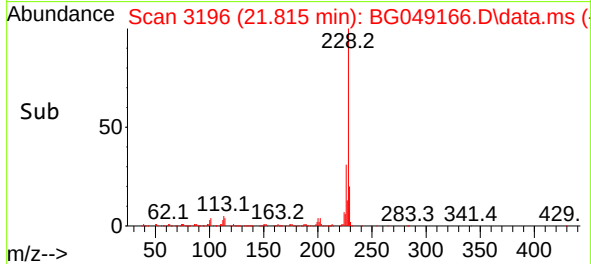




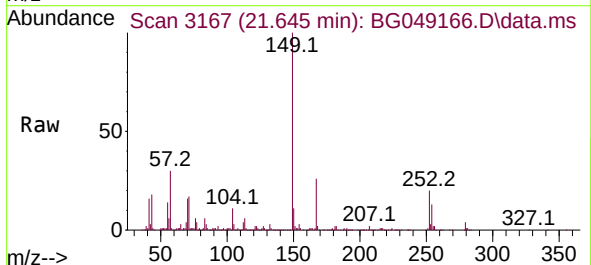
#83
Chrysene
Concen: 36.81 ng
RT: 21.815 min Scan# 3196
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



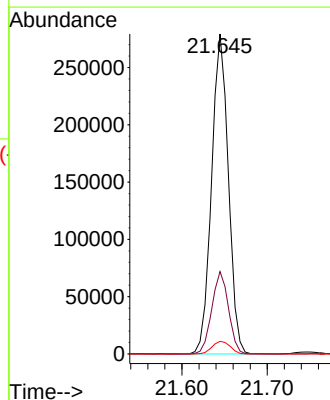
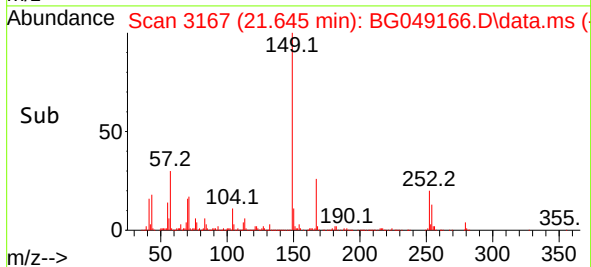
Tgt Ion:228 Resp: 644073
Ion Ratio Lower Upper
228 100
226 31.1 23.1 34.7
229 20.1 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.86 ng
RT: 21.645 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



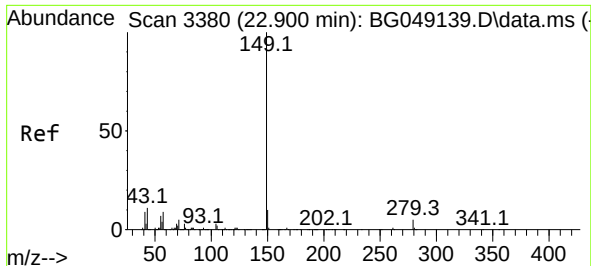
Tgt Ion:149 Resp: 381394
Ion Ratio Lower Upper
149 100
167 25.7 22.3 33.5
279 3.9 3.8 5.8



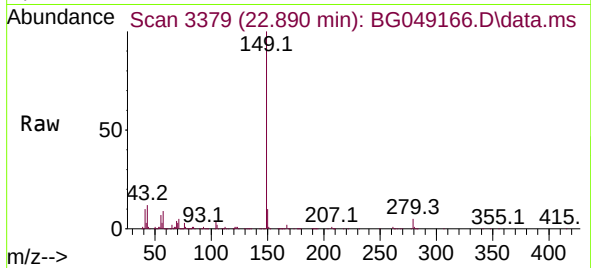
Instrument :
BNA_G
ClientSampleId :
PB137489BS

Manual Integrations
APPROVED

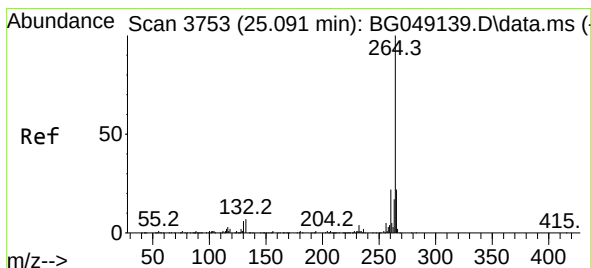
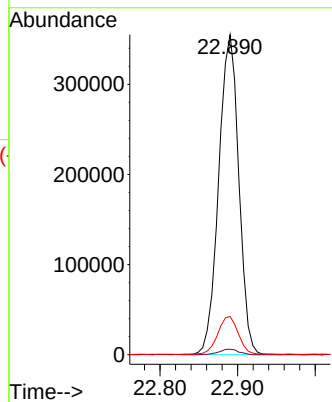
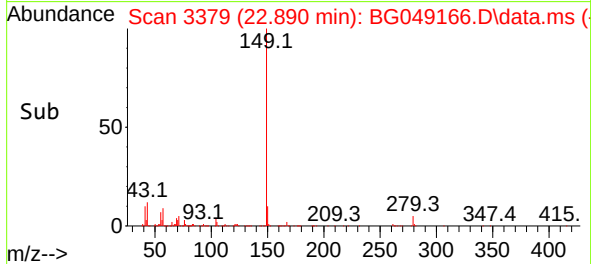
mohammad
7/7/2021 11:34:32 AM



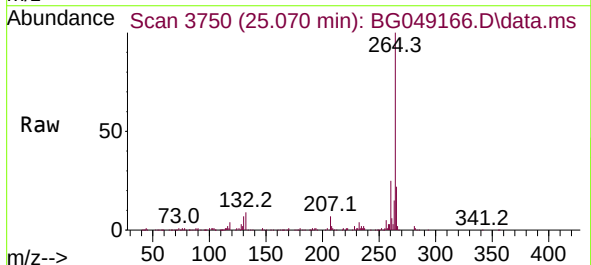
#85
Di-n-octyl phthalate
Concen: 38.67 ng
RT: 22.890 min Scan# 3379
Delta R.T. -0.009 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



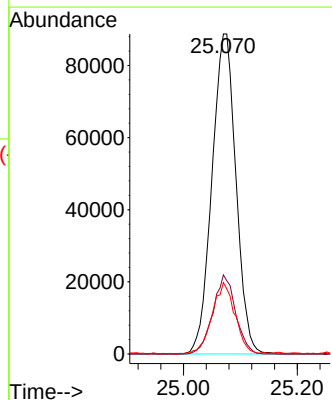
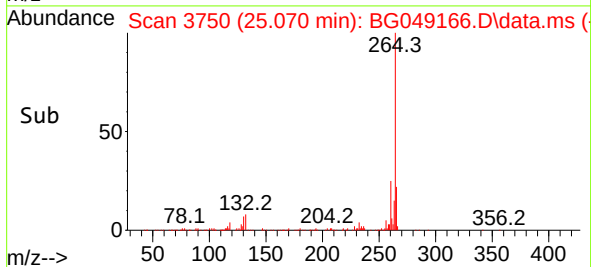
Tgt Ion:149 Resp: 638649
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 12.2 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.070 min Scan# 3750
Delta R.T. -0.021 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



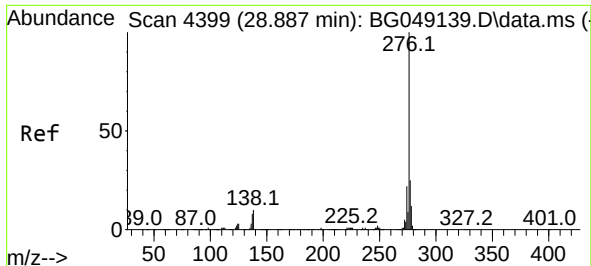
Tgt Ion:264 Resp: 259572
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 22.3 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
PB137489BS

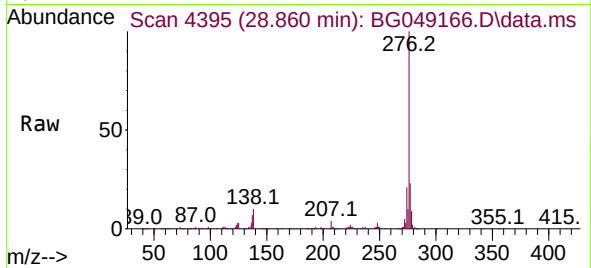
Manual Integrations
APPROVED

mohammad
7/7/2021 11:34:32 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 38.53 ng
RT: 28.860 min Scan# 4395
Delta R.T. -0.027 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

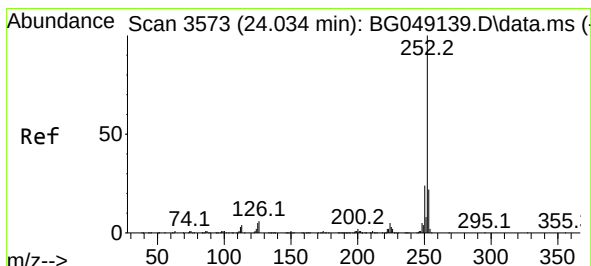
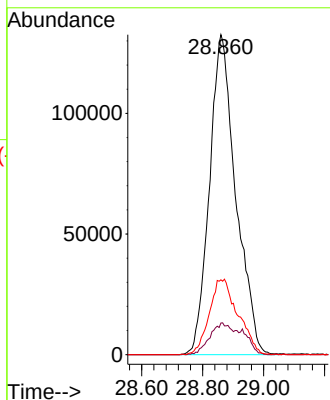
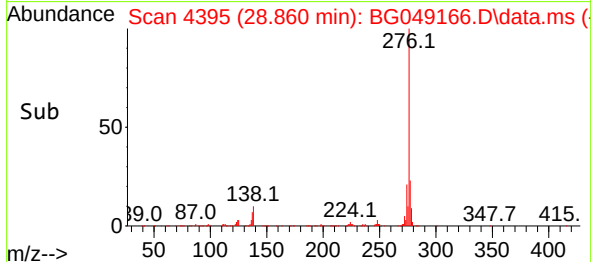
Instrument :
BNA_G
ClientSampleId :
PB137489BS



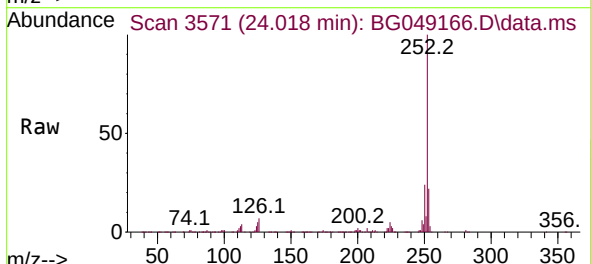
Tgt Ion:276 Resp: 797979
Ion Ratio Lower Upper
276 100
138 9.4 5.1 7.7#
277 25.8 19.8 29.6

Manual Integrations
APPROVED

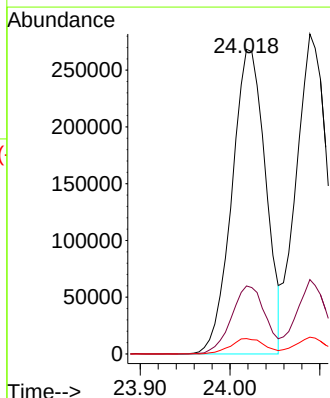
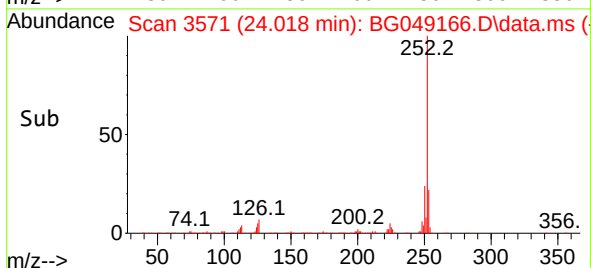
mohammad
7/7/2021 11:34:32 AM

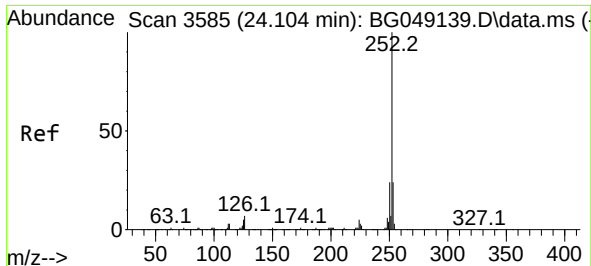


#88
Benzo(b)fluoranthene
Concen: 37.40 ng
RT: 24.018 min Scan# 3571
Delta R.T. -0.015 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion:252 Resp: 700573
Ion Ratio Lower Upper
252 100
253 22.3 16.2 24.4
125 5.0 3.0 4.4#





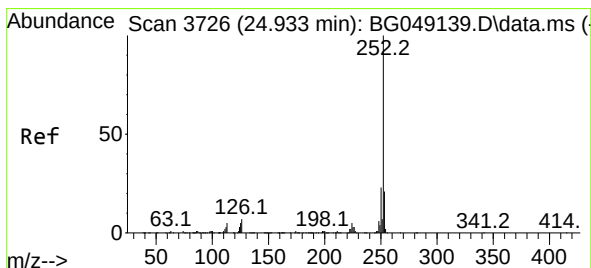
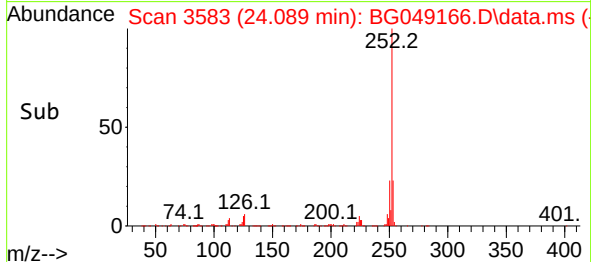
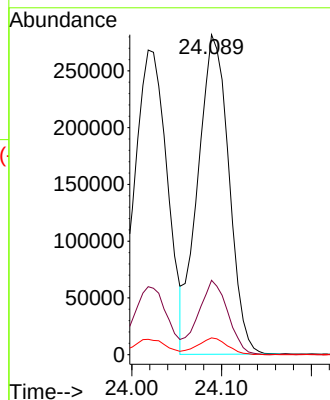
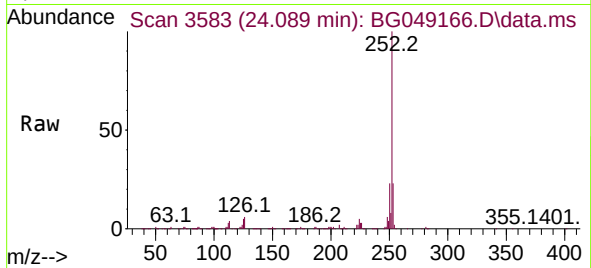
#89
Benzo(k)fluoranthene
Concen: 37.77 ng
RT: 24.089 min Scan# 3583
Delta R.T. -0.015 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

Instrument :
BNA_G
ClientSampleId :
PB137489BS

Tgt Ion:252 Resp: 674955
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 5.2 3.1 4.7#

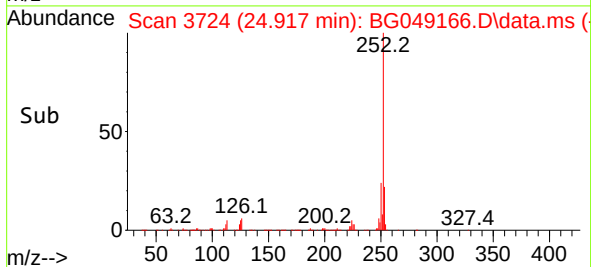
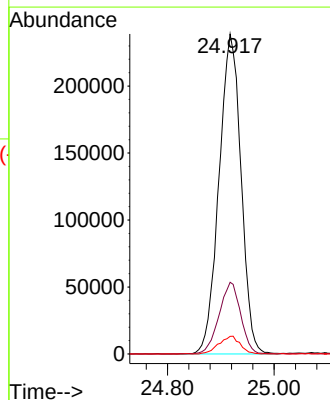
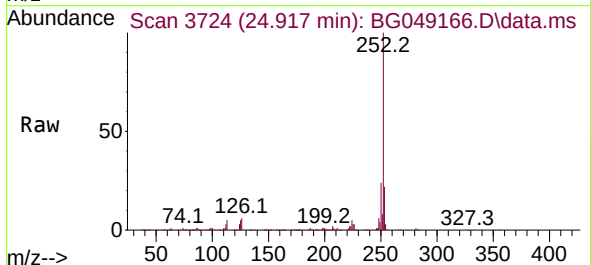
Manual Integrations
APPROVED

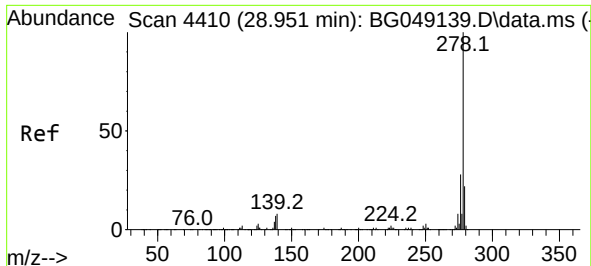
mohammad
7/7/2021 11:34:32 AM



#90
Benzo(a)pyrene
Concen: 39.63 ng
RT: 24.917 min Scan# 3724
Delta R.T. -0.015 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

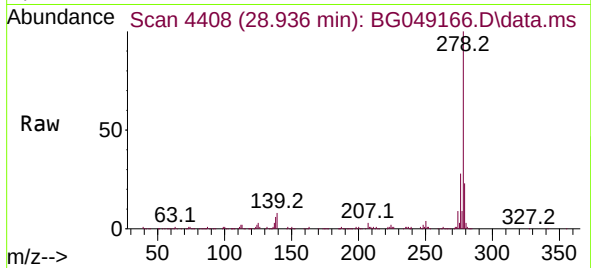
Tgt Ion:252 Resp: 684816
Ion Ratio Lower Upper
252 100
253 22.4 16.6 25.0
125 5.5 3.5 5.3#





#91
Dibenzo(a,h)anthracene
Concen: 38.08 ng
RT: 28.936 min Scan# 4408
Delta R.T. -0.015 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56

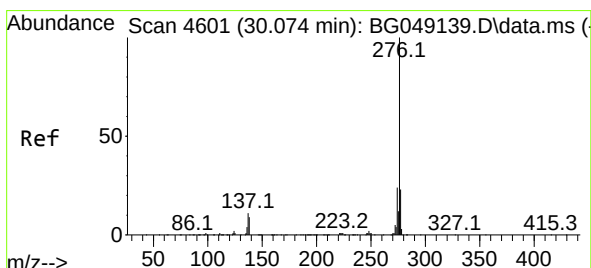
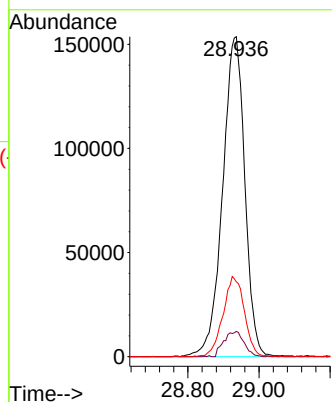
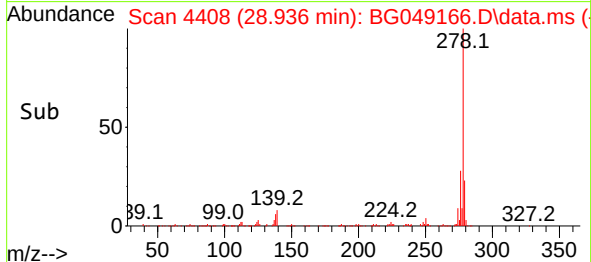
Instrument :
BNA_G
ClientSampleId :
PB137489BS



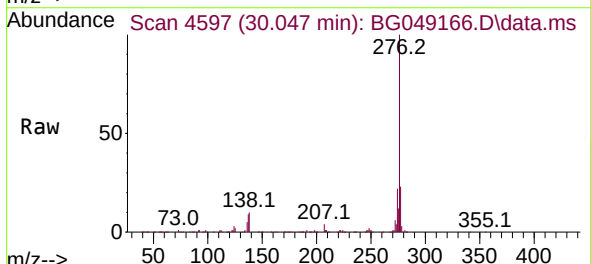
Tgt Ion:278 Resp: 665681
Ion Ratio Lower Upper
278 100
139 7.9 4.6 6.8#
279 23.4 17.9 26.9

Manual Integrations
APPROVED

mohammad
7/7/2021 11:34:32 AM



#92
Benzo(g,h,i)perylene
Concen: 38.28 ng
RT: 30.047 min Scan# 4597
Delta R.T. -0.027 min
Lab File: BG049166.D
Acq: 2 Jul 2021 13:56



Tgt Ion:276 Resp: 659679
Ion Ratio Lower Upper
276 100
277 22.8 18.4 27.6
138 9.9 7.0 10.6

