

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057081.D
 Acq On : 13 Apr 2023 14:06
 Operator : CG/JU
 Sample : 02292-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 13 14:43:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	15011	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	60006	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	43998	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	102845	20.000	ng	0.00
76) Chrysene-d12	22.077	240	88829	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	96034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	130269	138.891	ng	0.00
7) Phenol-d6	7.538	99	183933	131.120	ng	0.00
23) Nitrobenzene-d5	9.583	82	115058	78.457	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	84393	120.067	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	250515	77.208	ng	0.00
79) Terphenyl-d14	20.327	244	432114	82.316	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.720	88	18668	45.404	ng	92
3) Pyridine	4.143	79	54950	41.494	ng	99
4) n-Nitrosodimethylamine	4.049	42	28236	46.376	ng	98
6) Aniline	7.715	93	78452	43.747	ng	98
8) 2-Chlorophenol	7.961	128	53839	57.630	ng	95
9) Benzaldehyde	7.527	77	43853	49.841	ng	96
10) Phenol	7.568	94	78479	56.461	ng	97
11) bis(2-Chloroethyl)ether	7.803	93	52689	53.215	ng	99
12) 1,3-Dichlorobenzene	8.296	146	56882	55.104	ng	97
13) 1,4-Dichlorobenzene	8.443	146	58811	56.449	ng	94
14) 1,2-Dichlorobenzene	8.766	146	55163	54.804	ng	96
15) Benzyl Alcohol	8.637	79	59558	51.096	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.919	45	68362	57.290	ng	95
17) 2-Methylphenol	8.836	107	51878	52.314	ng	89
18) Hexachloroethane	9.506	117	20809	54.646	ng	94
19) n-Nitroso-di-n-propyla...	9.207	70	48471	48.308	ng	# 98
20) 3+4-Methylphenols	9.165	107	70285	50.686	ng	96
22) Acetophenone	9.236	105	87541	49.027	ng	# 98
24) Nitrobenzene	9.624	77	72686	48.479	ng	95
25) Isophorone	10.147	82	127618	45.698	ng	98
26) 2-Nitrophenol	10.346	139	29825	51.536	ng	89
27) 2,4-Dimethylphenol	10.387	122	52968	51.838	ng	98
28) bis(2-Chloroethoxy)met...	10.622	93	69443	49.670	ng	99
29) 2,4-Dichlorophenol	10.881	162	56265	51.201	ng	97
30) 1,2,4-Trichlorobenzene	11.098	180	59341	50.823	ng	99
31) Naphthalene	11.298	128	162638	49.725	ng	99
32) Benzoic acid	10.522	122	33788m	48.139	ng	
33) 4-Chloroaniline	11.392	127	51704	35.001	ng	96
34) Hexachlorobutadiene	11.568	225	41200	46.974	ng	95
35) Caprolactam	12.161	113	17065m	45.030	ng	
36) 4-Chloro-3-methylphenol	12.485	107	60117	48.918	ng	96
37) 2-Methylnaphthalene	12.872	142	118508	45.653	ng	98
38) 1-Methylnaphthalene	13.090	142	110909	45.501	ng	100
40) 1,2,4,5-Tetrachloroben...	13.231	216	75770	49.662	ng	# 98
41) Hexachlorocyclopentadiene	13.207	237	96455	114.740	ng	96
43) 2,4,6-Trichlorophenol	13.460	196	50261	51.623	ng	92

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	53258	46.174	ng	96
46) 1,1'-Biphenyl	13.853	154	163055	50.626	ng	99
47) 2-Chloronaphthalene	13.906	162	124944	52.452	ng	98
48) 2-Nitroaniline	14.100	65	42663	50.088	ng	97
49) Acenaphthylene	14.746	152	196633	50.241	ng	100
50) Dimethylphthalate	14.452	163	163474	47.155	ng	98
51) 2,6-Dinitrotoluene	14.582	165	36236	48.378	ng	99
52) Acenaphthene	15.081	154	152483m	56.491	ng	
53) 3-Nitroaniline	14.917	138	26924	36.315	ng	95
54) 2,4-Dinitrophenol	15.122	184	48288	114.536	ng	94
55) Dibenzofuran	15.416	168	196786	48.574	ng	100
56) 4-Nitrophenol	15.210	139	57968	105.735	ng	# 86
57) 2,4-Dinitrotoluene	15.369	165	49742	47.086	ng	98
58) Fluorene	16.062	166	162292	48.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.633	232	49812	47.432	ng	# 97
60) Diethylphthalate	15.804	149	166313	47.855	ng	99
61) 4-Chlorophenyl-phenyle...	16.039	204	92412	46.951	ng	97
62) 4-Nitroaniline	16.074	138	37083	48.276	ng	90
63) Azobenzene	16.332	77	174389	50.350	ng	98
65) 4,6-Dinitro-2-methylph...	16.127	198	36406	58.449	ng	96
66) n-Nitrosodiphenylamine	16.250	169	136065	49.285	ng	98
67) 4-Bromophenyl-phenylether	16.931	248	61613	48.418	ng	96
68) Hexachlorobenzene	17.061	284	67256	53.459	ng	98
69) Atrazine	17.184	200	61922	54.032	ng	96
70) Pentachlorophenol	17.401	266	78855	87.367	ng	99
71) Phenanthrene	17.801	178	260400	49.661	ng	99
72) Anthracene	17.889	178	265045	49.308	ng	99
73) Carbazole	18.153	167	233675	49.861	ng	94
74) Di-n-butylphthalate	18.676	149	270367	49.819	ng	99
75) Fluoranthene	19.786	202	303543	45.666	ng	99
77) Benzidine	19.951	184	166687	68.652	ng	97
78) Pyrene	20.151	202	307429	50.038	ng	98
80) Butylbenzylphthalate	21.002	149	113570	53.717	ng	99
81) Benzo(a)anthracene	22.054	228	303279	49.338	ng	100
82) 3,3'-Dichlorobenzidine	21.954	252	77449	37.312	ng	96
83) Chrysene	22.130	228	273740	47.561	ng	97
84) Bis(2-ethylhexyl)phtha...	21.907	149	161479	52.746	ng	99
85) Di-n-octyl phthalate	23.217	149	275434	53.388	ng	100
87) Indeno(1,2,3-cd)pyrene	29.697	276	366711	51.669	ng	# 97
88) Benzo(b)fluoranthene	24.480	252	310112	51.640	ng	98
89) Benzo(k)fluoranthene	24.556	252	306431	51.112	ng	# 97
90) Benzo(a)pyrene	25.443	252	276083	46.784	ng	99
91) Dibenzo(a,h)anthracene	29.767	278	303580	52.037	ng	99
92) Benzo(g,h,i)perylene	30.989	276	290072	50.778	ng	97

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

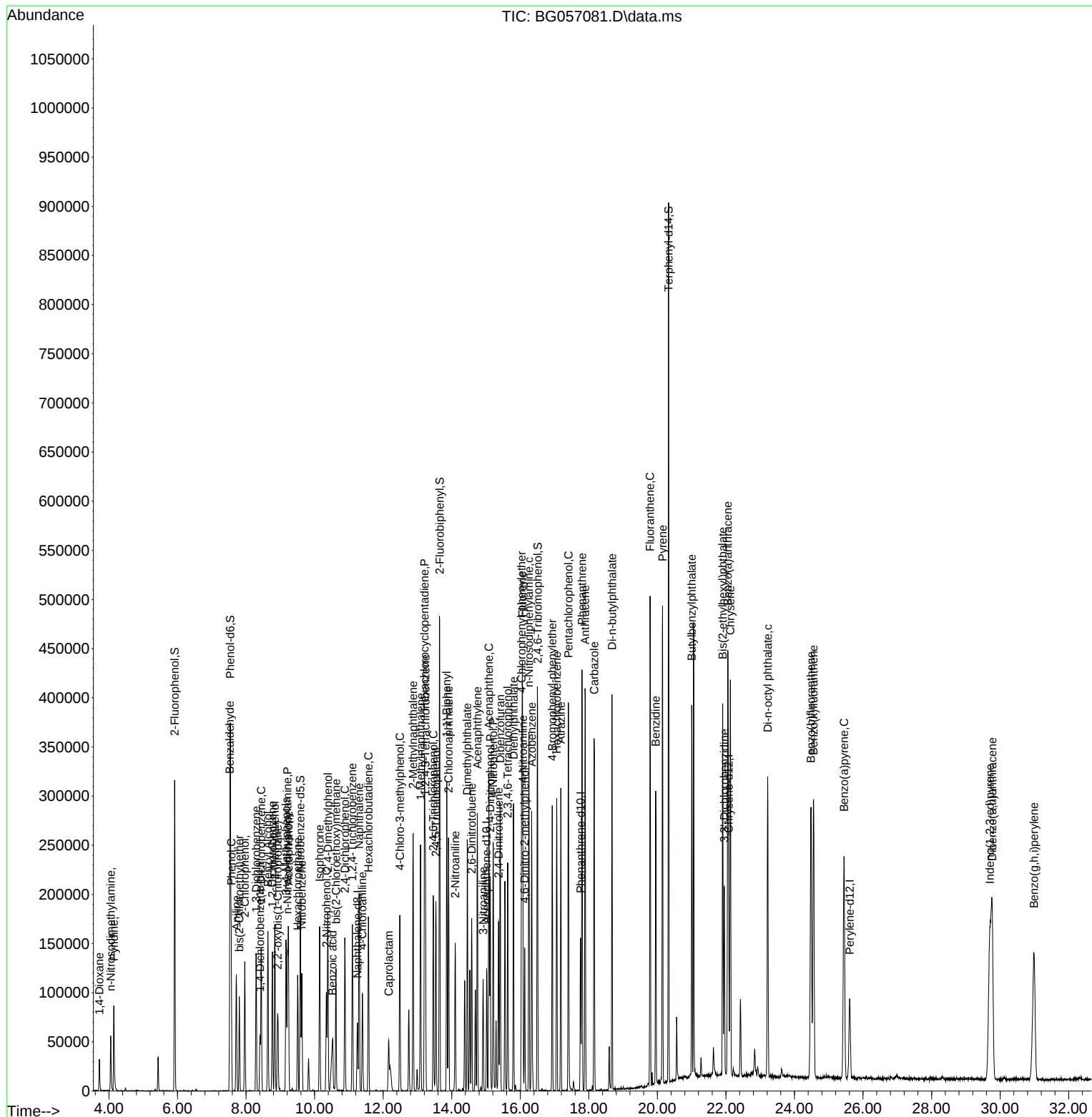
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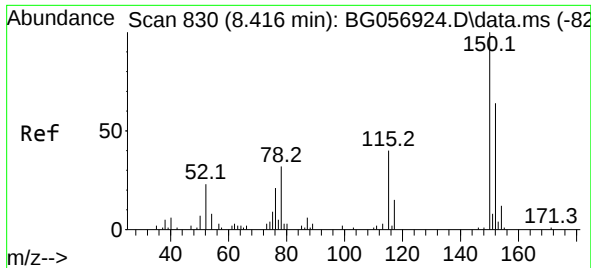
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

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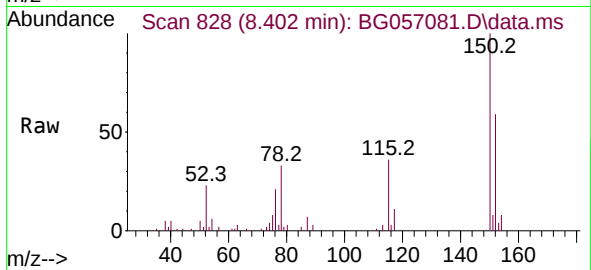
Reviewed By : Christian Giraldo 04/14/2023
Supervised By : Jagrut Upadhyay 04/14/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

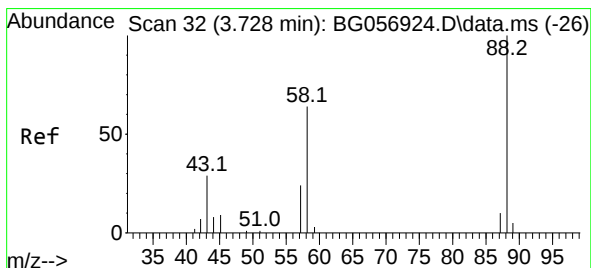
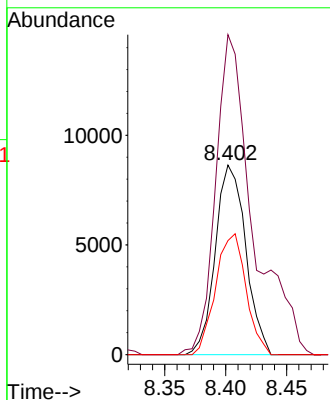
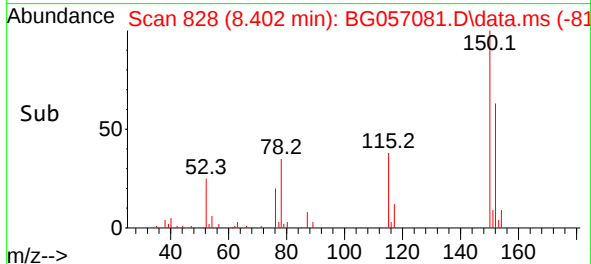
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion: 152 Resp: 1501
Ion Ratio Lower Upper
152 100
150 168.8 124.1 186.1
115 60.2 49.1 73.7

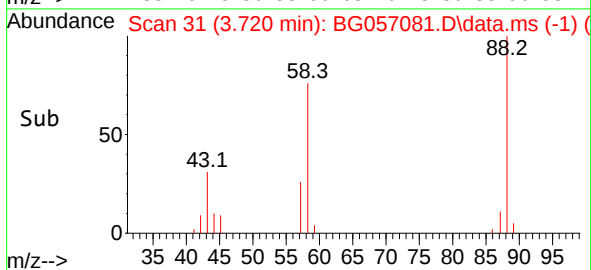
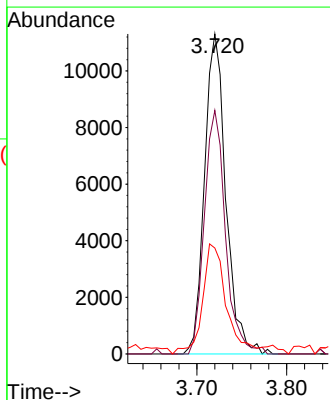
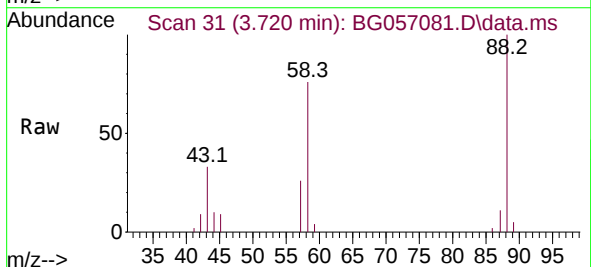
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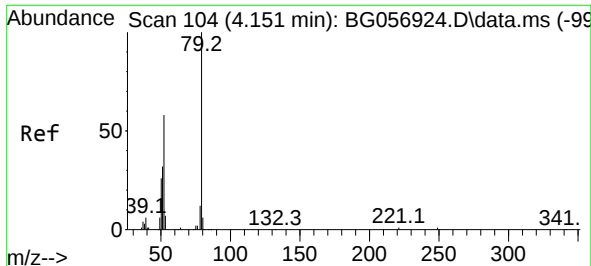
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#2
1,4-Dioxane
Concen: 45.404 ng
RT: 3.720 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

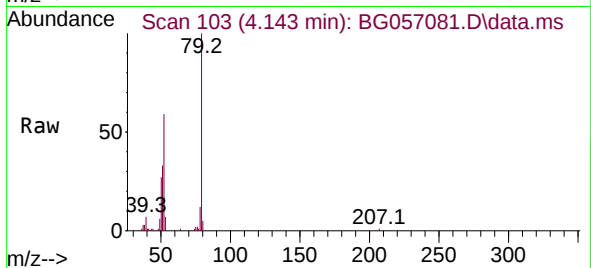
Tgt Ion: 88 Resp: 18668
Ion Ratio Lower Upper
88 100
58 75.3 55.9 83.9
43 37.9 25.7 38.5





#3
Pyridine
Concen: 41.494 ng
RT: 4.143 min Scan# 104
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

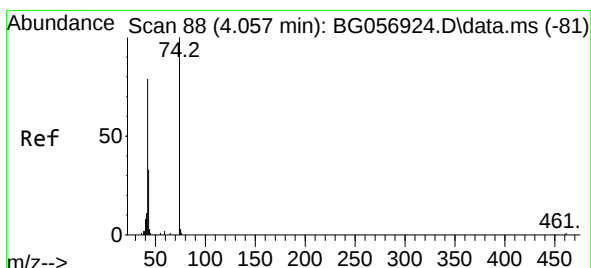
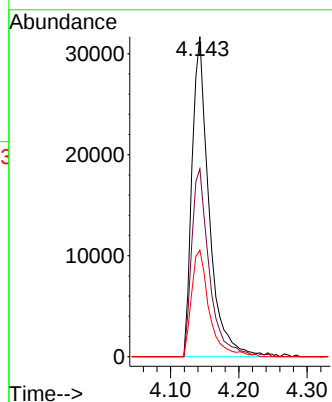
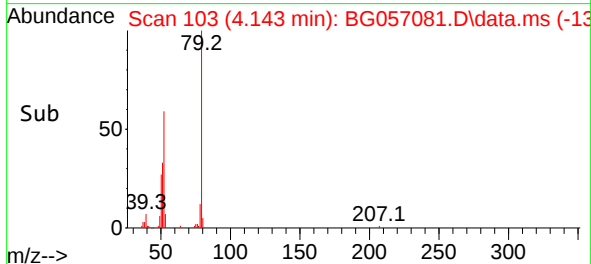
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion: 79 Resp: 54950
Ion Ratio Lower Upper
79 100
52 58.7 46.1 69.1
51 33.2 26.1 39.1

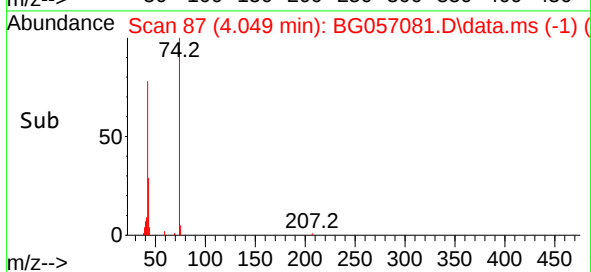
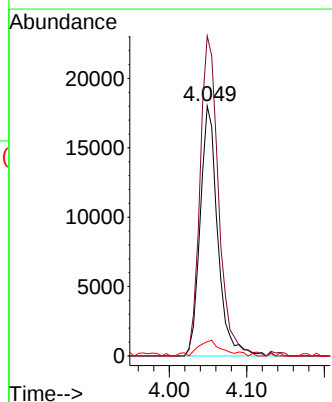
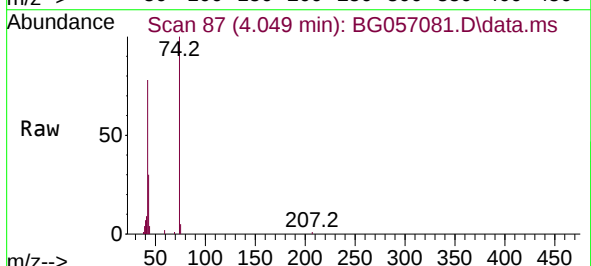
Manual Integrations
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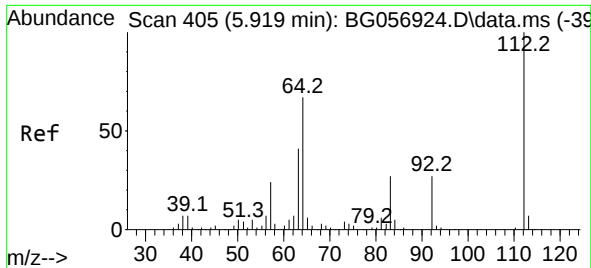
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#4
n-Nitrosodimethylamine
Concen: 46.376 ng
RT: 4.049 min Scan# 87
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

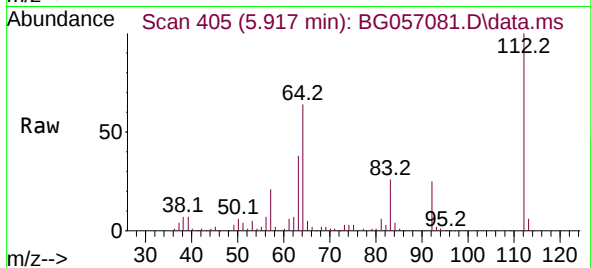
Tgt Ion: 42 Resp: 28236
Ion Ratio Lower Upper
42 100
74 128.1 100.6 151.0
44 5.6 4.6 7.0





#5
2-Fluorophenol
Concen: 138.891 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

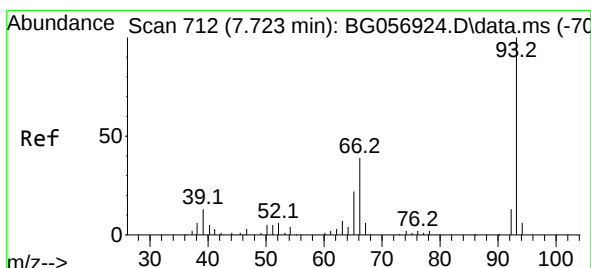
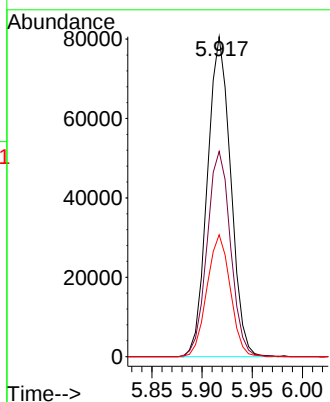
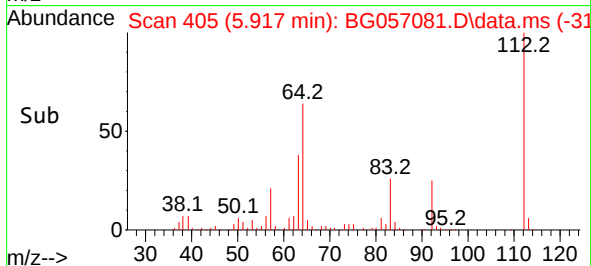
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ClientSampleId :
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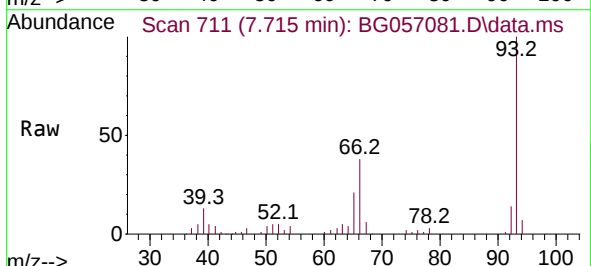
Tgt Ion:112 Resp: 130269
Ion Ratio Lower Upper
112 100
64 64.1 53.2 79.8
63 38.1 32.6 48.8

Manual Integrations
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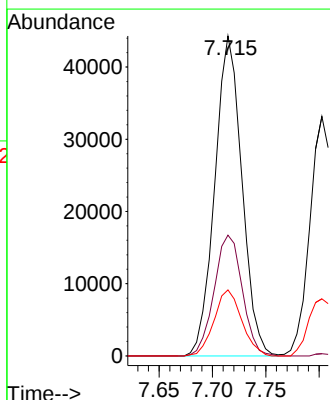
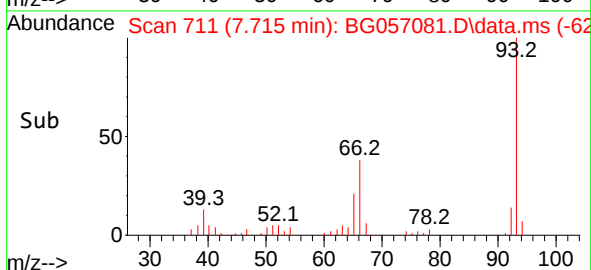
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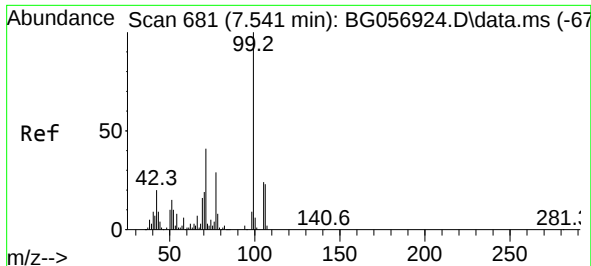


#6
Aniline
Concen: 43.747 ng
RT: 7.715 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



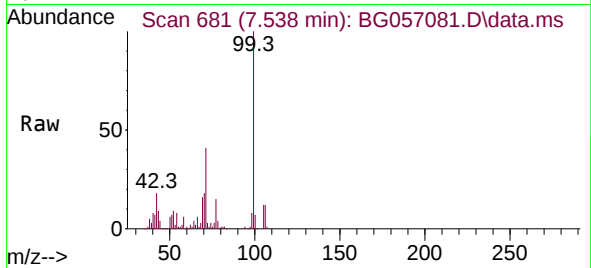
Tgt Ion: 93 Resp: 78452
Ion Ratio Lower Upper
93 100
66 37.7 31.4 47.0
65 20.6 17.3 25.9





#7
Phenol-d6
Concen: 131.120 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

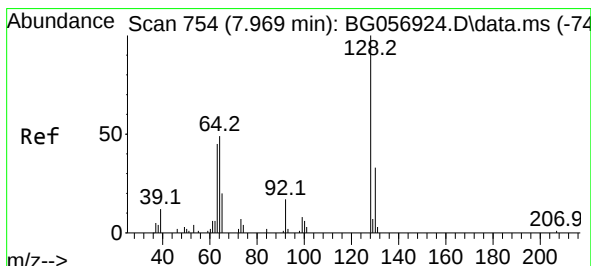
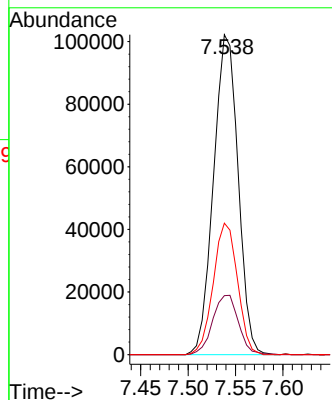
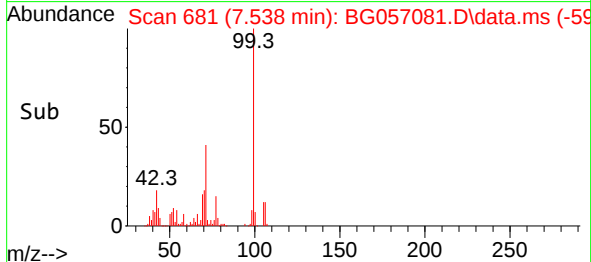
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 183933
Ion Ratio Lower Upper
99 100
42 18.5 15.7 23.5
71 41.1 32.5 48.7

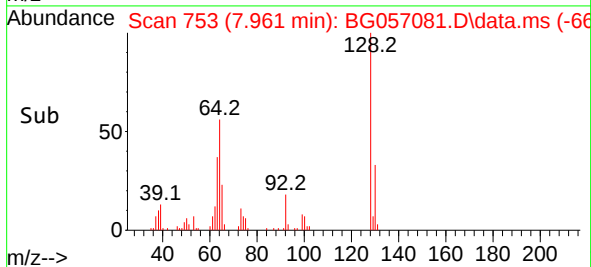
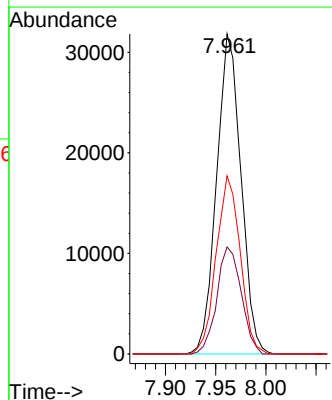
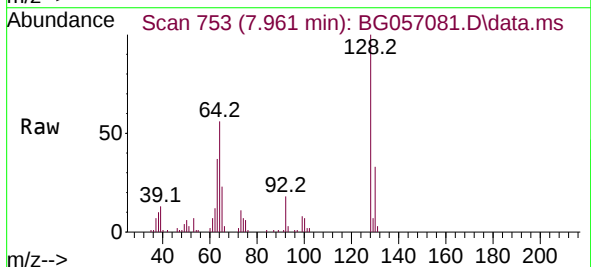
Manual Integrations
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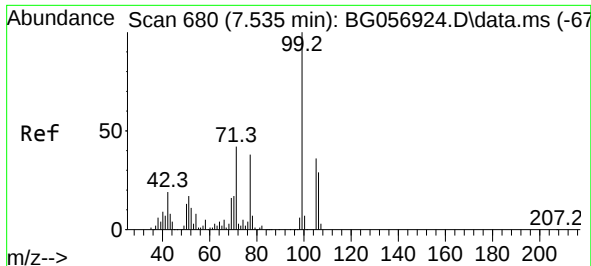
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#8
2-Chlorophenol
Concen: 57.630 ng
RT: 7.961 min Scan# 753
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Tgt Ion:128 Resp: 53839
Ion Ratio Lower Upper
128 100
130 33.4 12.6 52.6
64 55.6 40.6 80.6





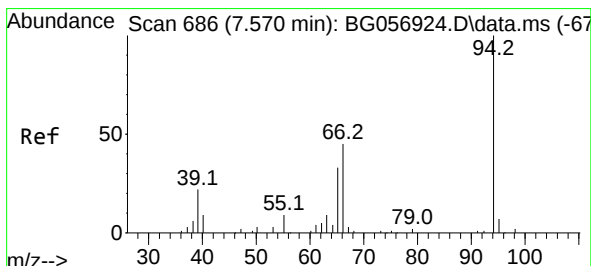
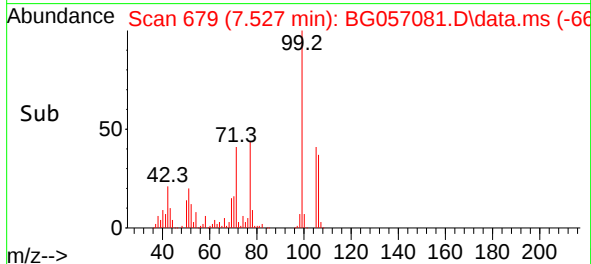
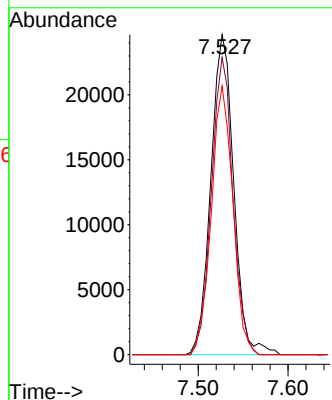
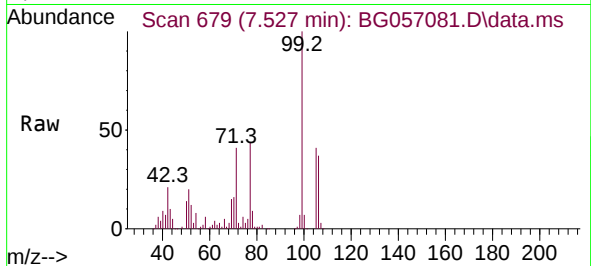
#9
Benzaldehyde
Concen: 49.841 ng
RT: 7.527 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 4385
Ion Ratio Lower Upper
77 100
105 92.8 73.6 113.6
106 83.9 56.7 96.7

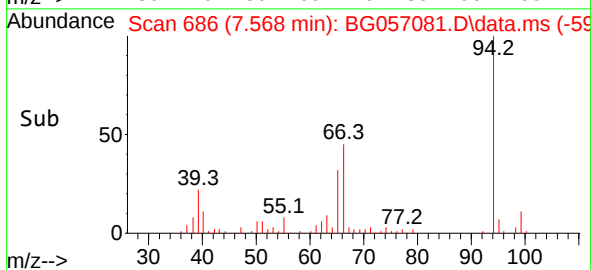
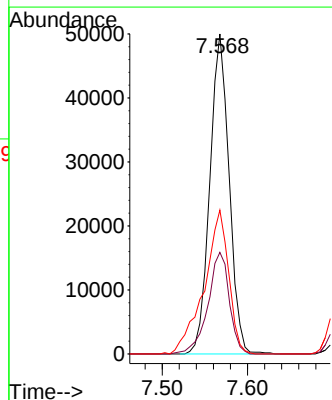
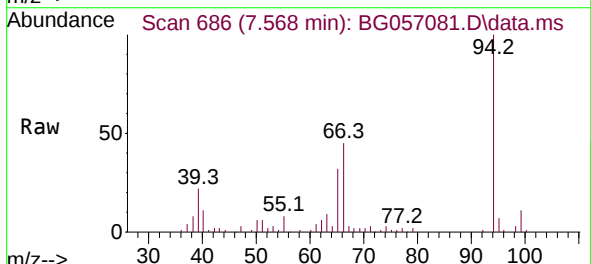
Manual Integrations
APPROVED

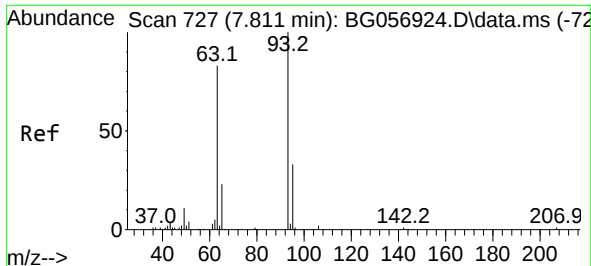
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#10
Phenol
Concen: 56.461 ng
RT: 7.568 min Scan# 686
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

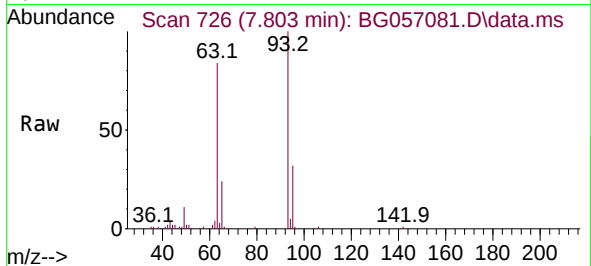
Tgt Ion: 94 Resp: 78479
Ion Ratio Lower Upper
94 100
65 31.7 13.3 53.3
66 44.9 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 53.215 ng
RT: 7.803 min Scan# 727
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

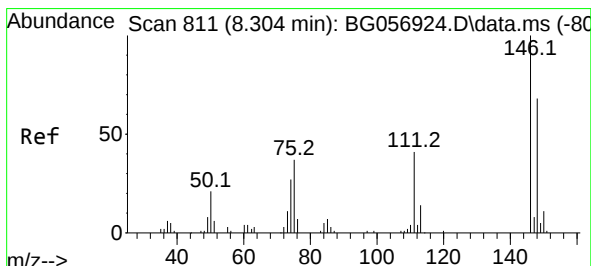
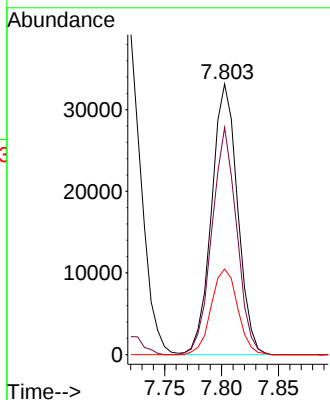
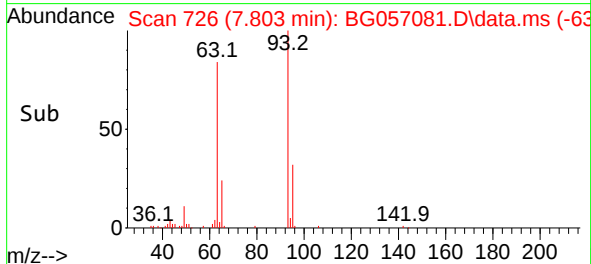
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion: 93 Resp: 52689
Ion Ratio Lower Upper
93 100
63 83.9 62.7 102.7
95 31.6 12.3 52.3

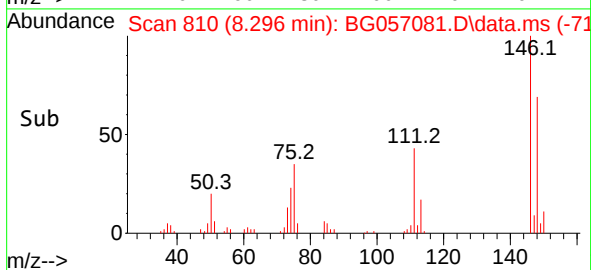
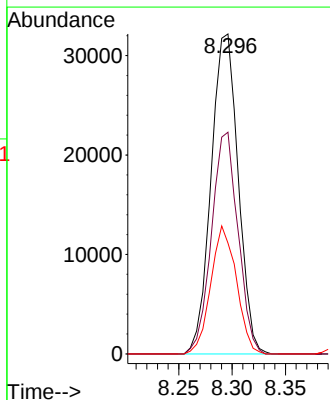
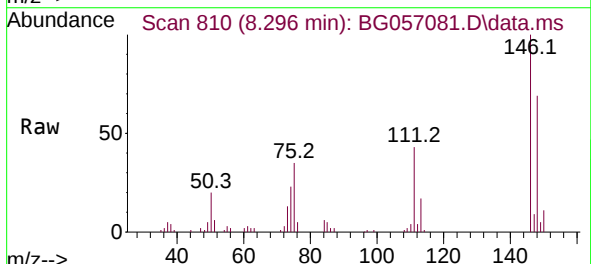
Manual Integrations
APPROVED

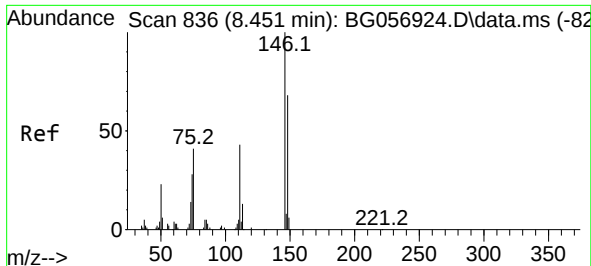
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#12
1,3-Dichlorobenzene
Concen: 55.104 ng
RT: 8.296 min Scan# 810
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Tgt Ion:146 Resp: 56882
Ion Ratio Lower Upper
146 100
148 69.3 54.2 81.4
75 34.6 29.8 44.8





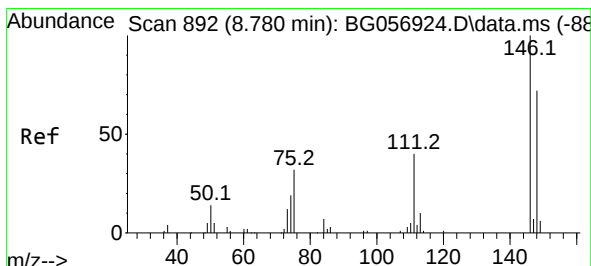
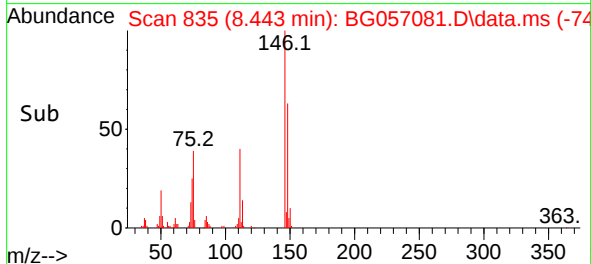
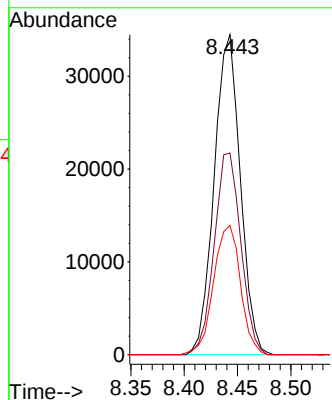
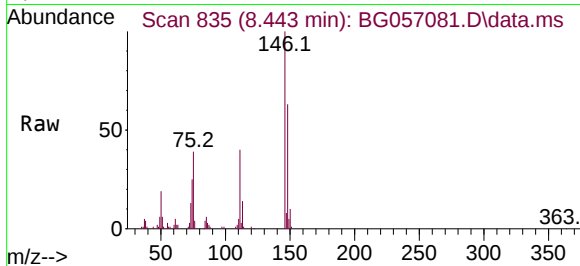
#13
1,4-Dichlorobenzene
Concen: 56.449 ng
RT: 8.443 min Scan# 841
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:146 Resp: 5881
Ion Ratio Lower Upper
146 100
148 63.0 54.8 82.2
111 40.3 34.6 52.0

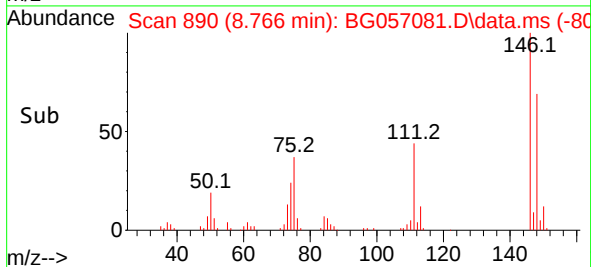
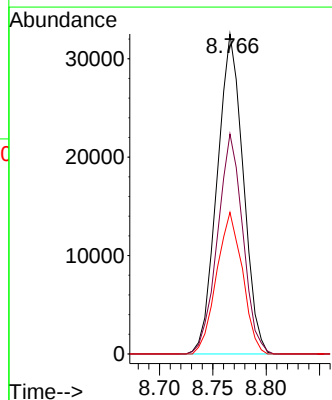
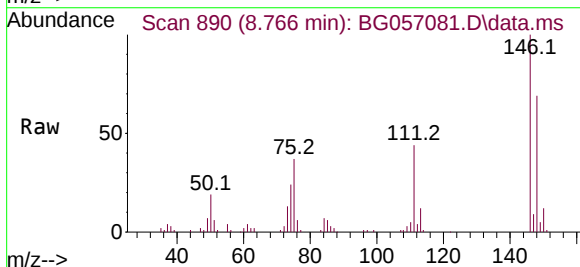
Manual Integrations
APPROVED

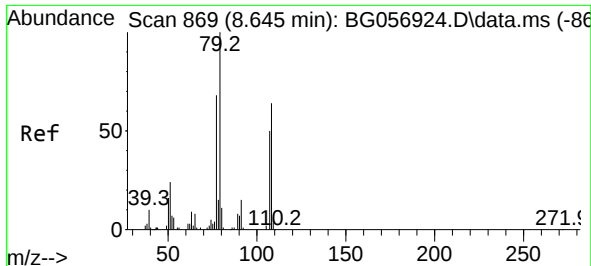
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#14
1,2-Dichlorobenzene
Concen: 54.804 ng
RT: 8.766 min Scan# 890
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

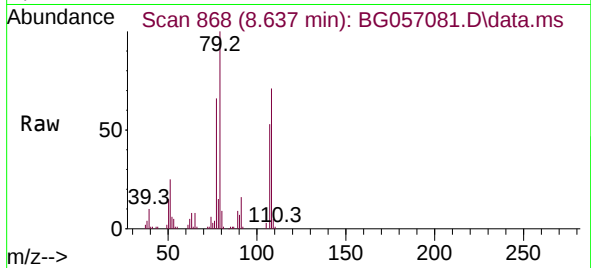
Tgt Ion:146 Resp: 55163
Ion Ratio Lower Upper
146 100
148 68.7 57.4 86.0
111 44.2 33.2 49.8





#15
Benzyl Alcohol
Concen: 51.096 ng
RT: 8.637 min Scan# 869
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

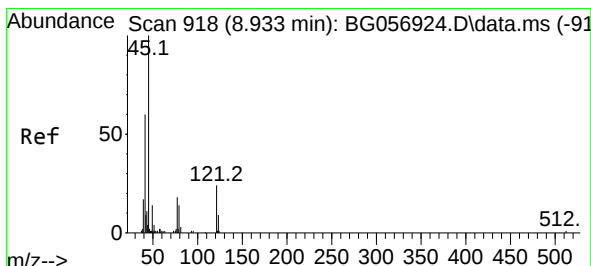
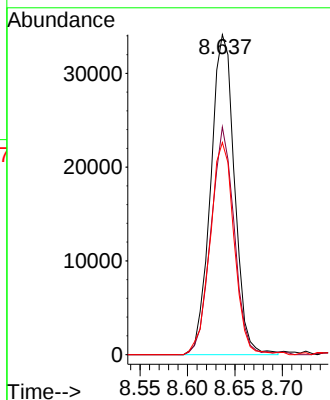
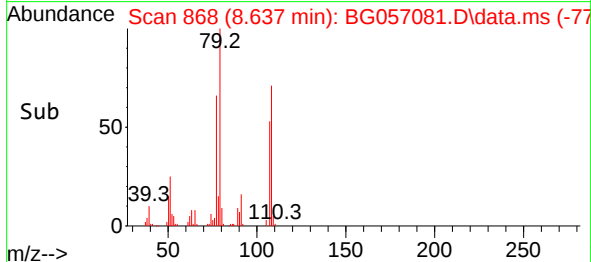
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion: 79 Resp: 59558
Ion Ratio Lower Upper
79 100
108 71.1 51.2 76.8
77 66.3 54.4 81.6

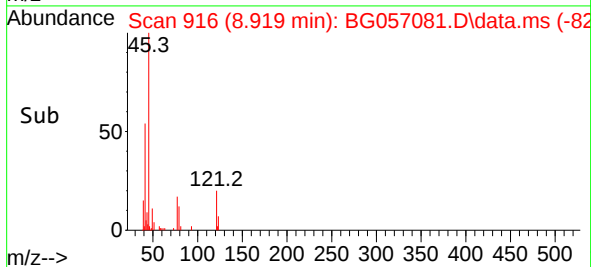
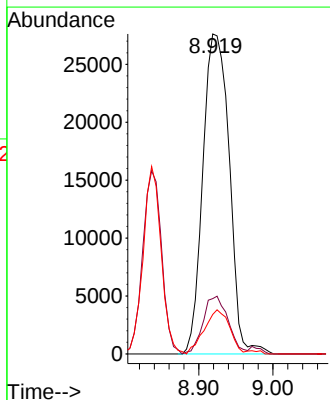
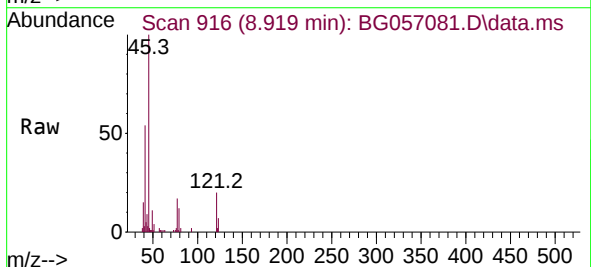
Manual Integrations
APPROVED

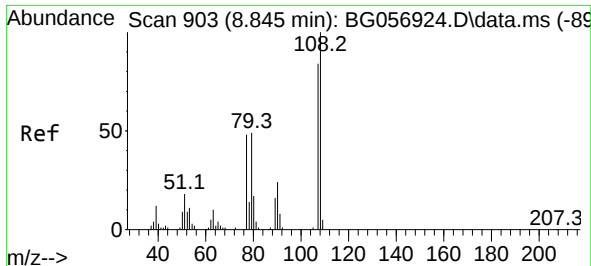
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.290 ng
RT: 8.919 min Scan# 916
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Tgt Ion: 45 Resp: 68362
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.7
79 12.3 0.0 35.1





#17

2-Methylphenol

Concen: 52.314 ng

RT: 8.836 min Scan# 903

Delta R.T. -0.004 min

Lab File: BG057081.D

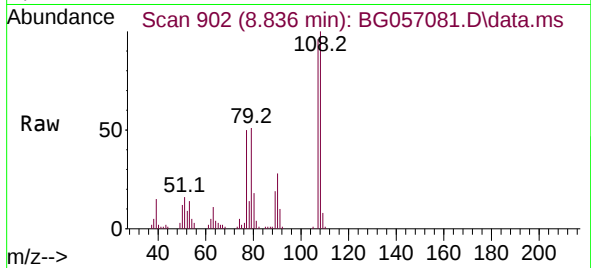
Acq: 13 Apr 2023 14:06

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

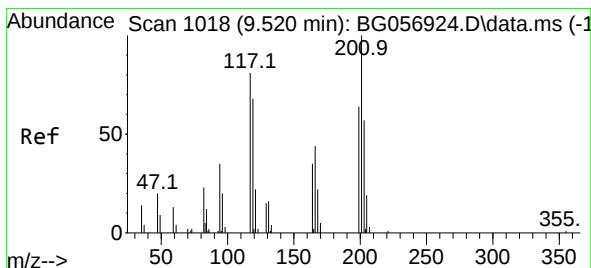
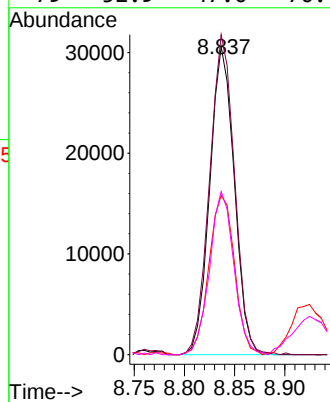
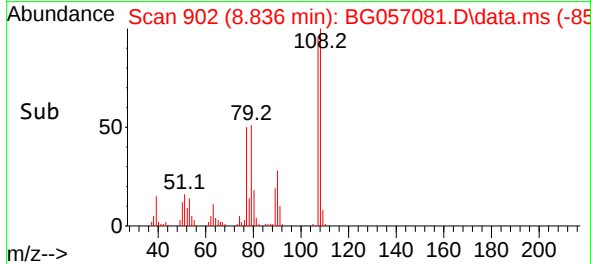


Tgt Ion:	107	Resp:	51878
Ion Ratio	Lower	Upper	
107	100		
108	103.9	96.0	144.0
77	51.7	45.6	68.4
79	52.9	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#18

Hexachloroethane

Concen: 54.646 ng

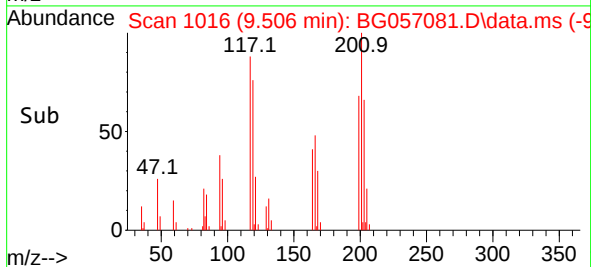
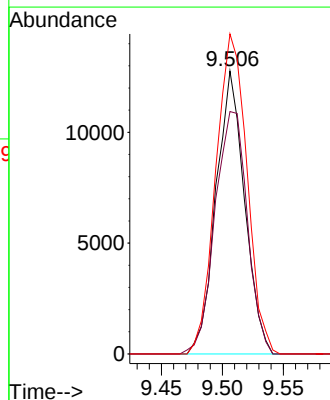
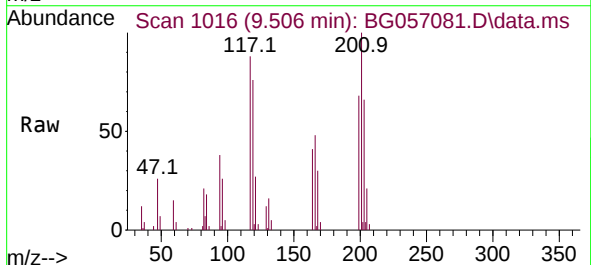
RT: 9.506 min Scan# 1016

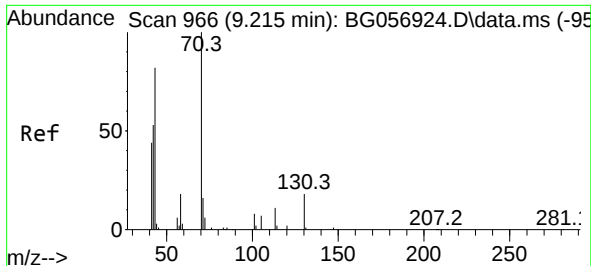
Delta R.T. -0.004 min

Lab File: BG057081.D

Acq: 13 Apr 2023 14:06

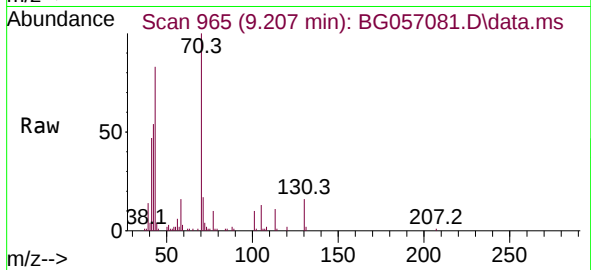
Tgt Ion:	117	Resp:	20809
Ion Ratio	Lower	Upper	
117	100		
119	85.7	67.0	100.6
201	113.1	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 48.308 ng
RT: 9.207 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

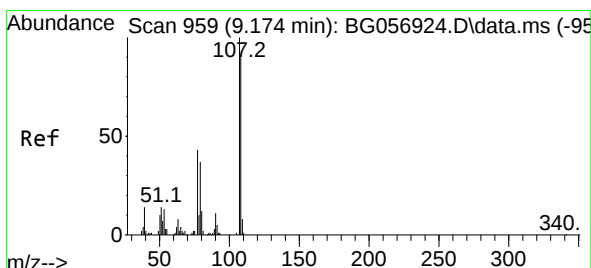
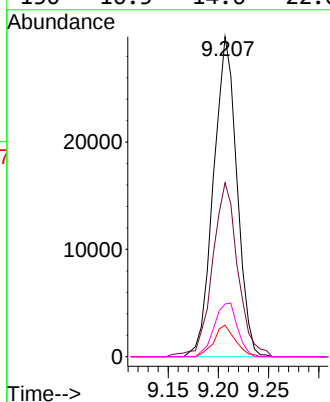
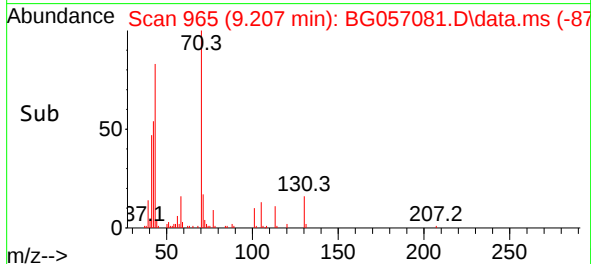
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion: 70 Resp: 4847
Ion Ratio Lower Upper
70 100
42 54.3 43.4 65.0
101 9.8 6.2 9.2
130 16.5 14.6 22.0

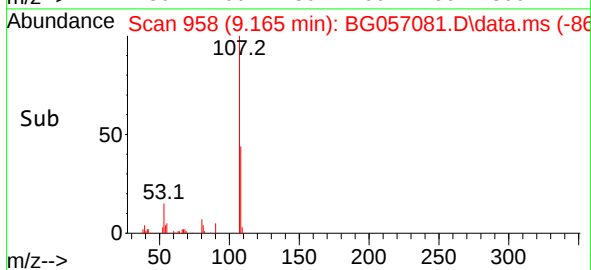
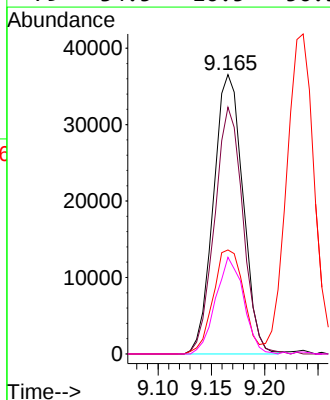
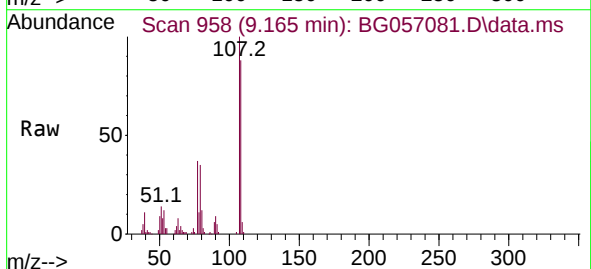
Manual Integrations
APPROVED

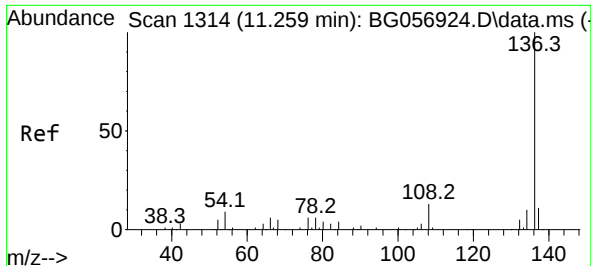
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#20
3+4-Methylphenols
Concen: 50.686 ng
RT: 9.165 min Scan# 958
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

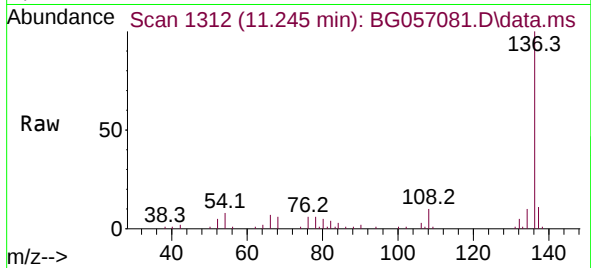
Tgt Ion:107 Resp: 70285
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 37.2 22.7 62.7
79 34.5 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1314
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

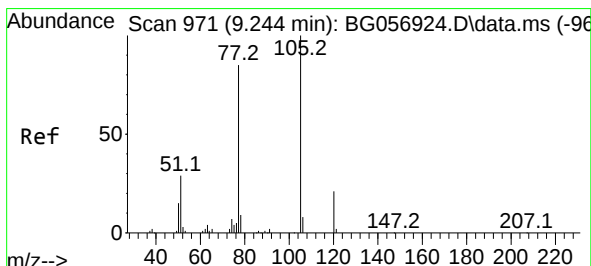
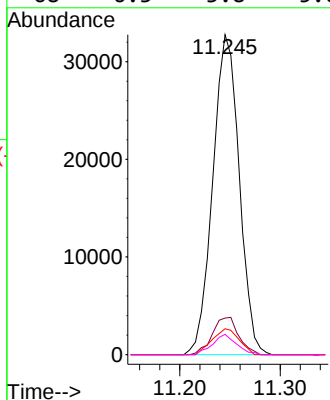
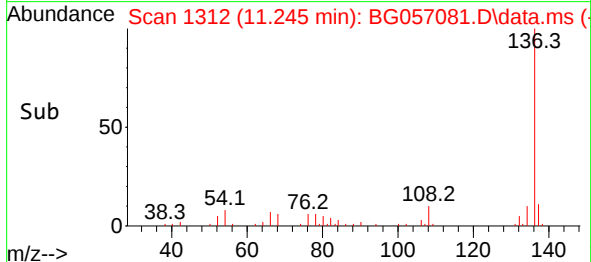
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:136 Resp: 60000
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.1 6.9 10.3
68 6.3 3.8 5.6#

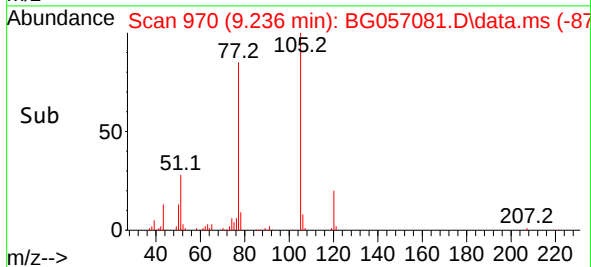
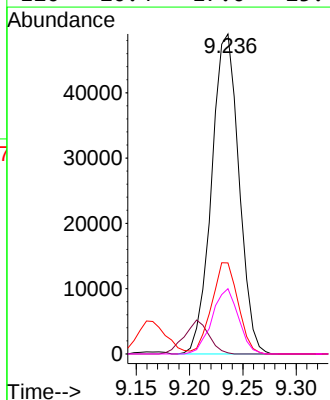
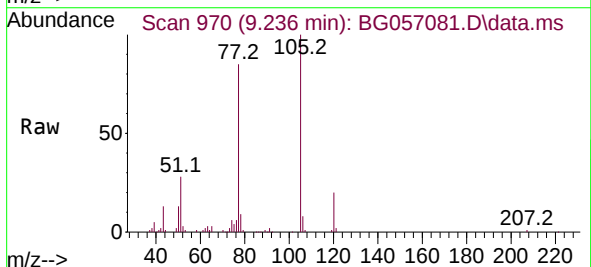
Manual Integrations
APPROVED

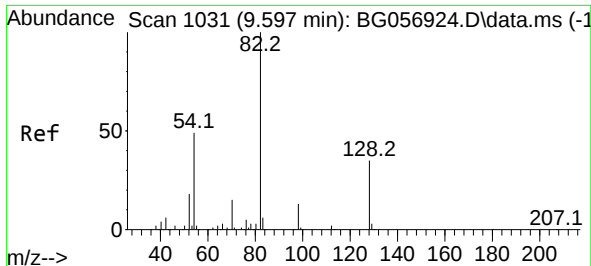
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#22
Acetophenone
Concen: 49.027 ng
RT: 9.236 min Scan# 970
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Tgt Ion:105 Resp: 87541
Ion Ratio Lower Upper
105 100
71 0.3 0.7 1.1#
51 28.4 23.8 35.8
120 20.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 78.457 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG057081.D

Acq: 13 Apr 2023 14:06

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD

Tgt Ion: 82 Resp: 115058

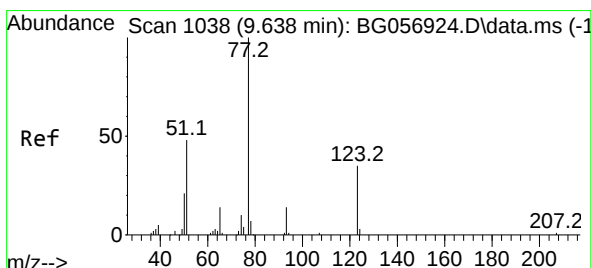
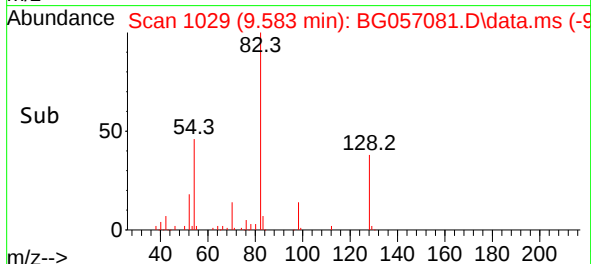
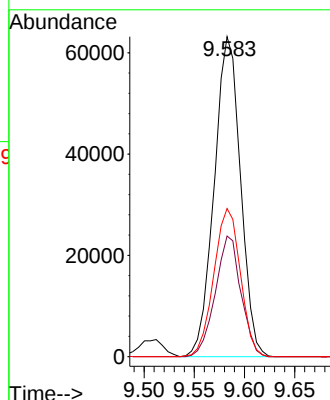
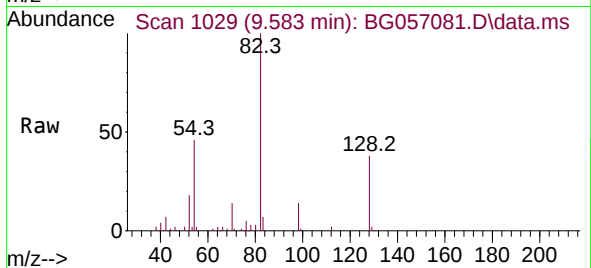
Ion	Ratio	Lower	Upper
82	100		
128	37.7	27.9	41.9
54	46.3	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#24

Nitrobenzene

Concen: 48.479 ng

RT: 9.624 min Scan# 1036

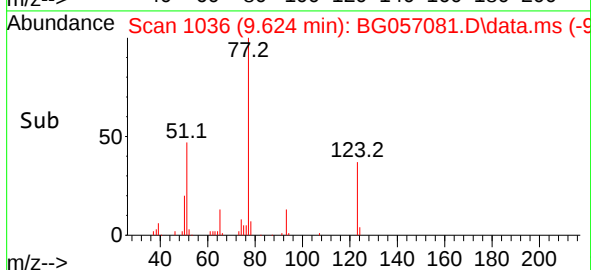
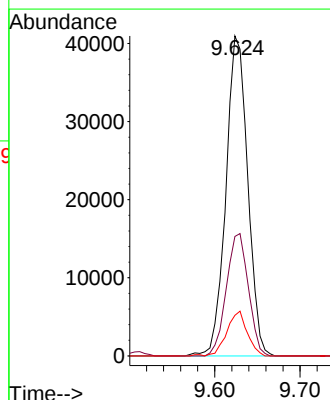
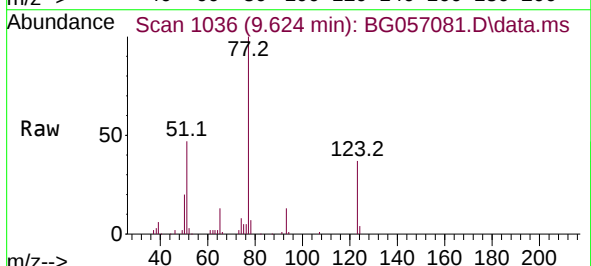
Delta R.T. -0.004 min

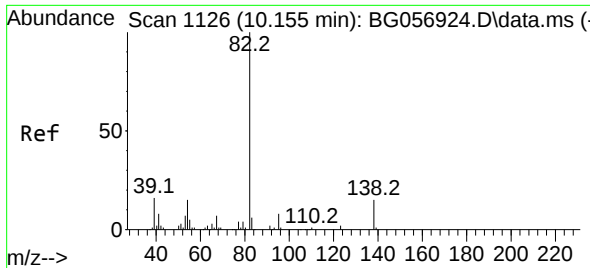
Lab File: BG057081.D

Acq: 13 Apr 2023 14:06

Tgt Ion: 77 Resp: 72686

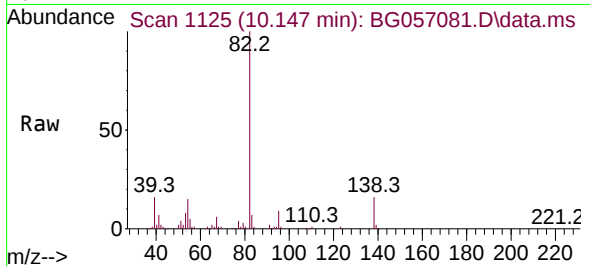
Ion	Ratio	Lower	Upper
77	100		
123	37.3	27.6	41.4
65	12.7	11.5	17.3





#25
Isophorone
Concen: 45.698 ng
RT: 10.147 min Scan# 1125
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

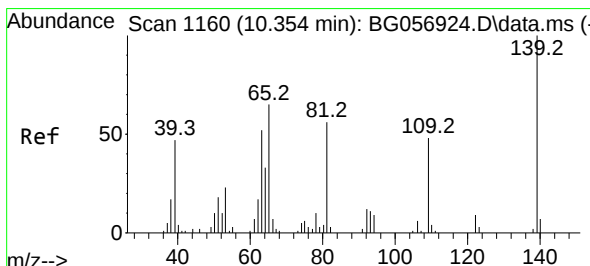
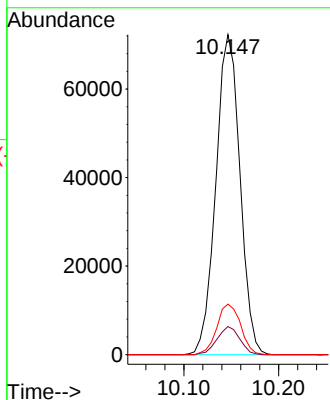
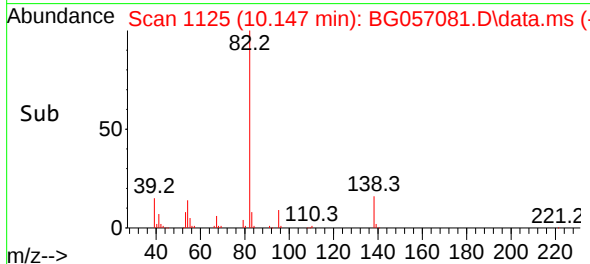
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



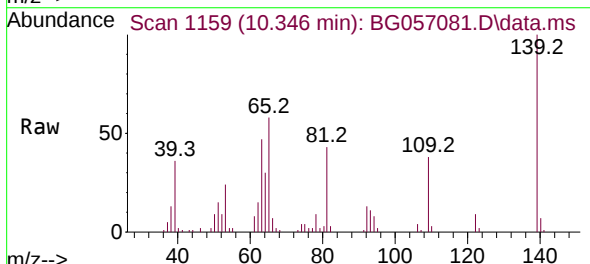
Tgt Ion: 82 Resp: 127618
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 15.8 11.8 17.8

Manual Integrations
APPROVED

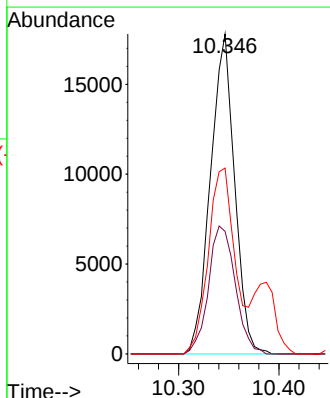
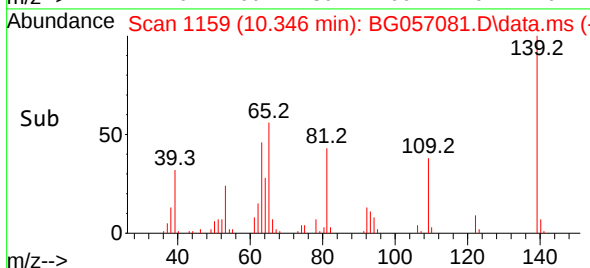
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

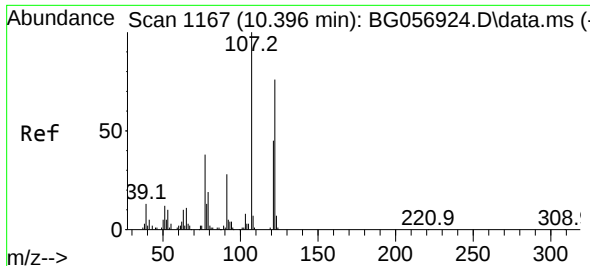


#26
2-Nitrophenol
Concen: 51.536 ng
RT: 10.346 min Scan# 1159
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



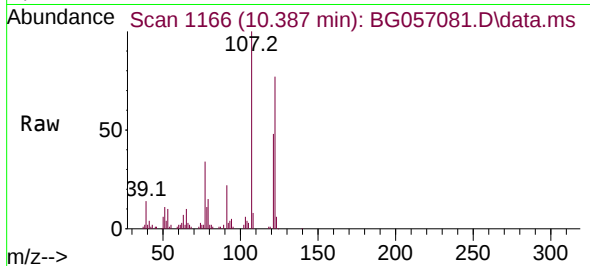
Tgt Ion:139 Resp: 29825
Ion Ratio Lower Upper
139 100
109 38.3 38.2 57.4
65 58.1 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 51.838 ng
RT: 10.387 min Scan# 1166
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

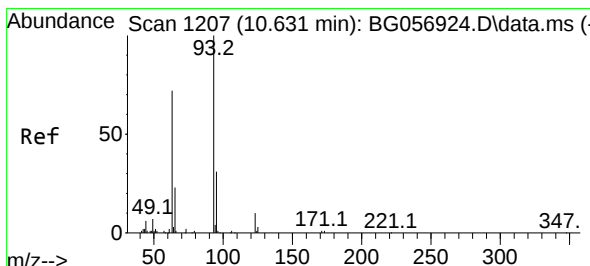
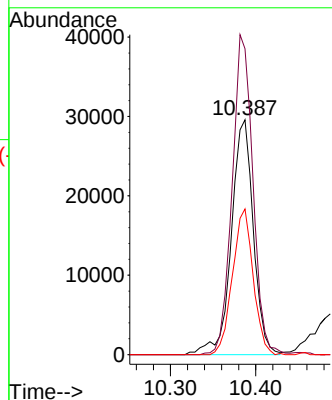
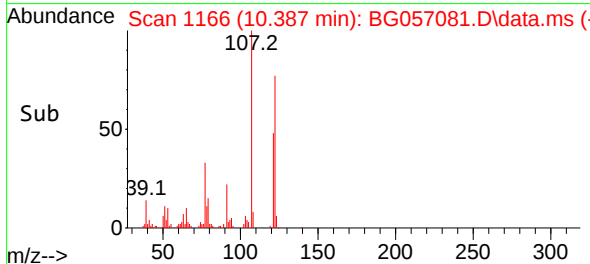
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:122 Resp: 52968
Ion Ratio Lower Upper
122 100
107 130.2 105.7 158.5
121 62.0 48.0 72.0

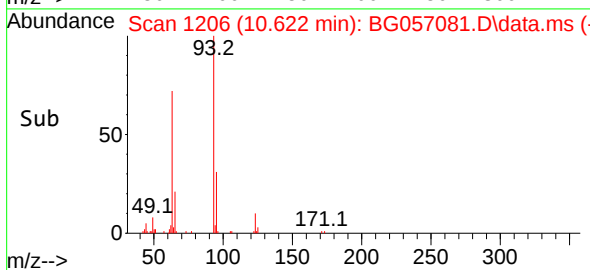
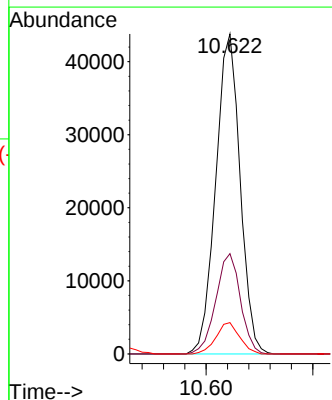
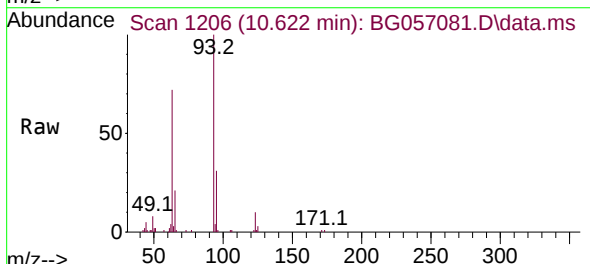
Manual Integrations
APPROVED

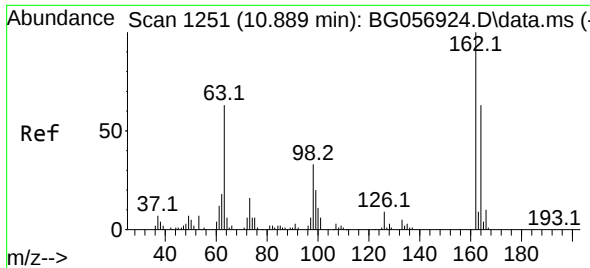
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.670 ng
RT: 10.622 min Scan# 1206
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

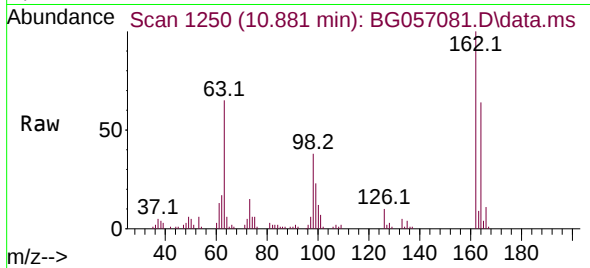
Tgt Ion: 93 Resp: 69443
Ion Ratio Lower Upper
93 100
95 31.3 24.6 37.0
123 9.8 7.8 11.6





#29
2,4-Dichlorophenol
Concen: 51.201 ng
RT: 10.881 min Scan# 1250
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

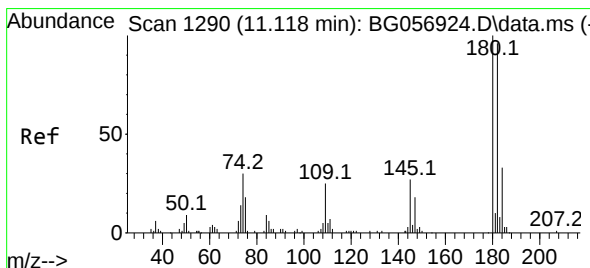
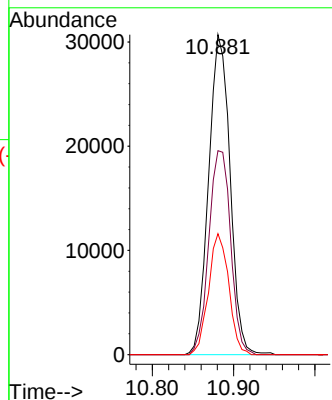
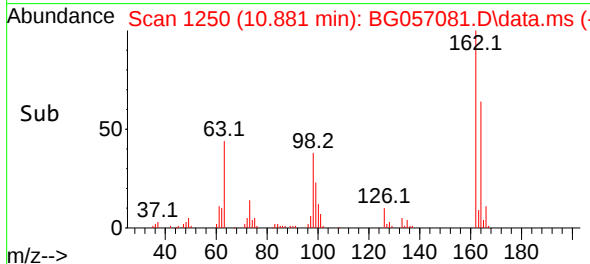
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



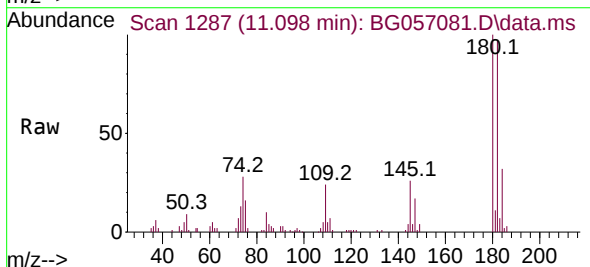
Tgt Ion:162 Resp: 56265
Ion Ratio Lower Upper
162 100
164 63.7 43.4 83.4
98 37.8 12.5 52.5

Manual Integrations
APPROVED

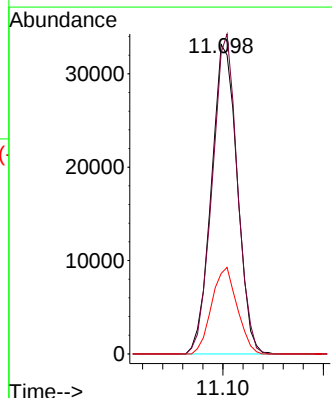
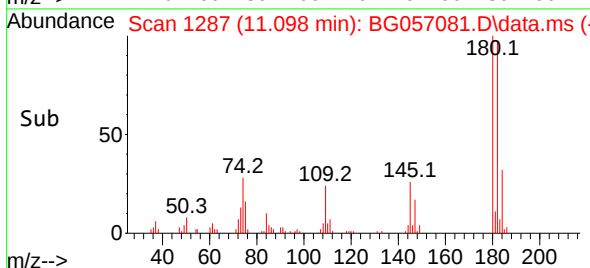
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

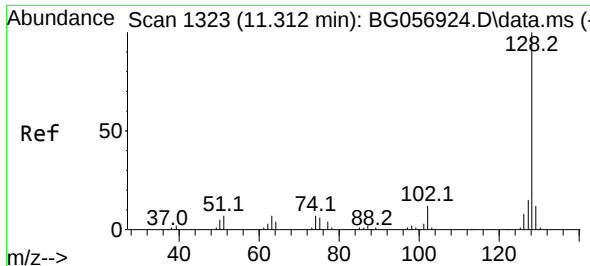


#30
1,2,4-Trichlorobenzene
Concen: 50.823 ng
RT: 11.098 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



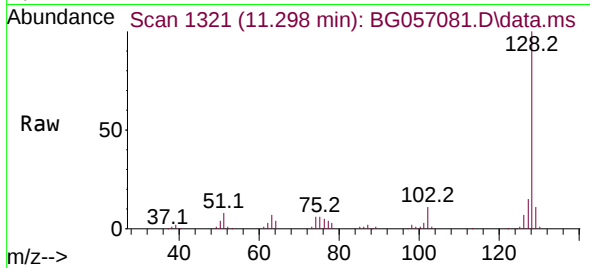
Tgt Ion:180 Resp: 59341
Ion Ratio Lower Upper
180 100
182 97.4 77.1 115.7
145 26.0 21.3 31.9





#31
Naphthalene
Concen: 49.725 ng
RT: 11.298 min Scan# 1323
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

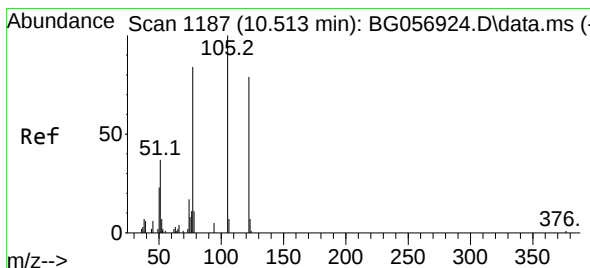
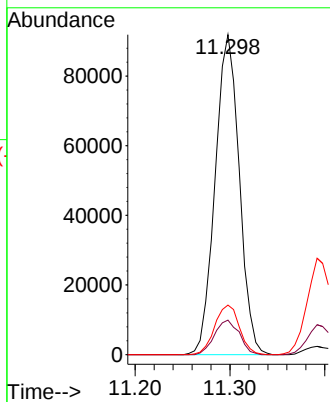
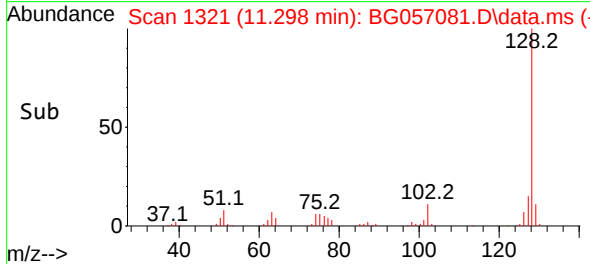
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:128 Resp: 162638
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 15.5 12.2 18.4

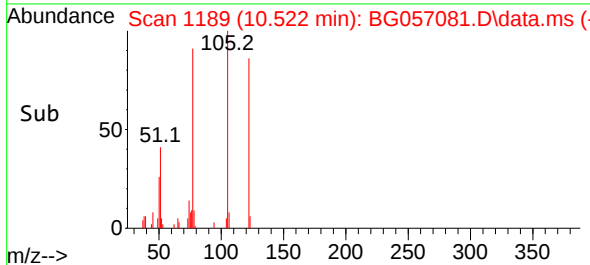
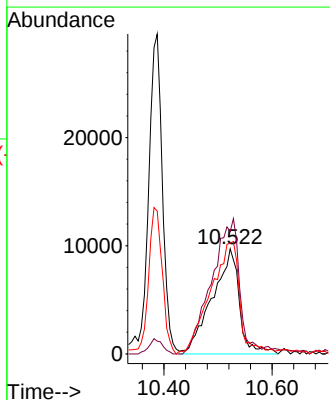
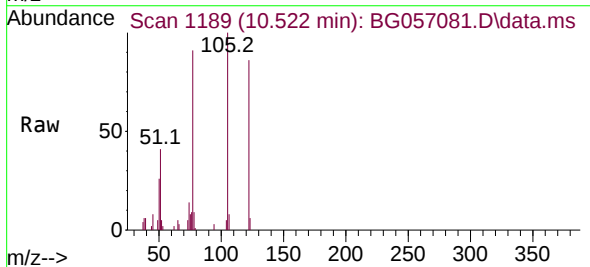
Manual Integrations
APPROVED

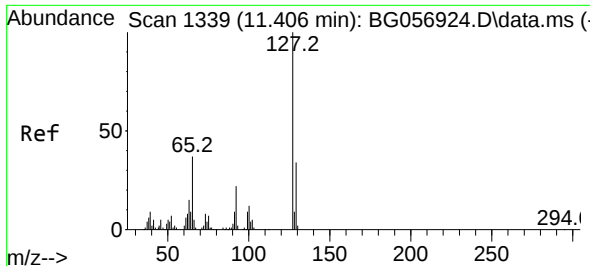
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#32
Benzoic acid
Concen: 48.139 ng m
RT: 10.522 min Scan# 1189
Delta R.T. 0.014 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

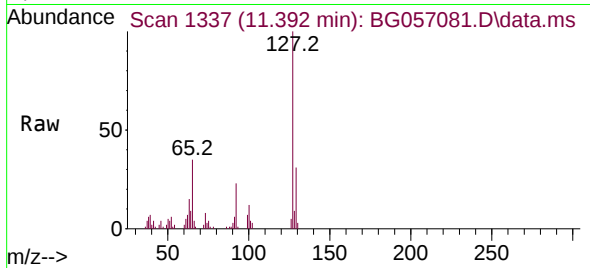
Tgt Ion:122 Resp: 33788
Ion Ratio Lower Upper
122 100
105 116.6 105.4 145.4
77 105.5 87.4 127.4





#33
4-Chloroaniline
Concen: 35.001 ng
RT: 11.392 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

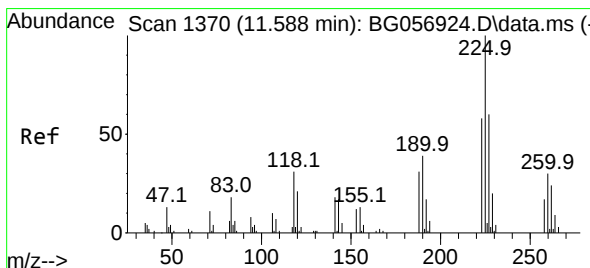
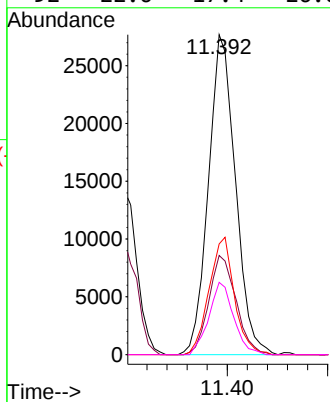
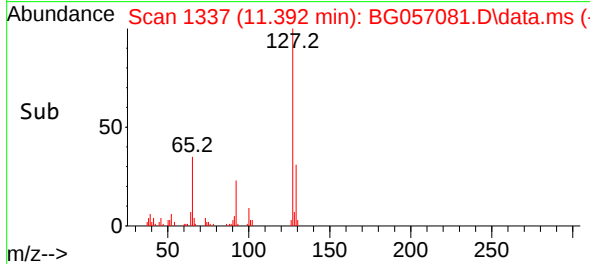
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.0	27.6	41.4
65	34.6	29.8	44.8
92	22.6	17.4	26.0

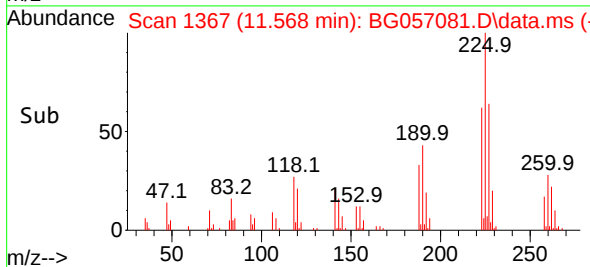
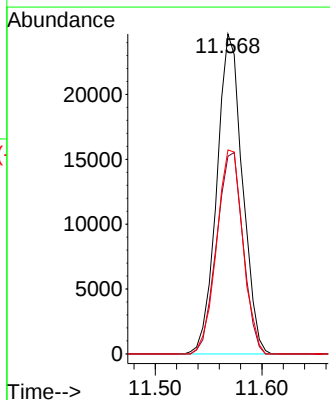
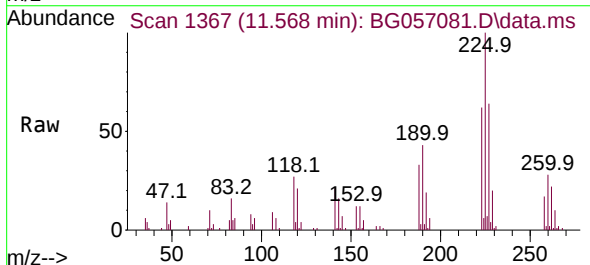
Manual Integrations
APPROVED

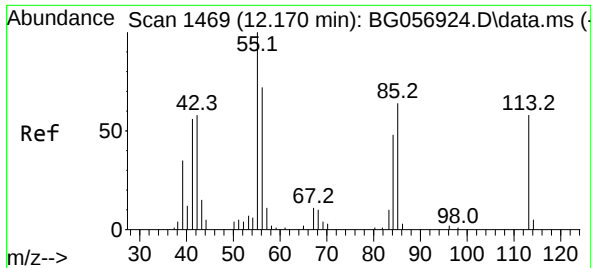
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#34
Hexachlorobutadiene
Concen: 46.974 ng
RT: 11.568 min Scan# 1367
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

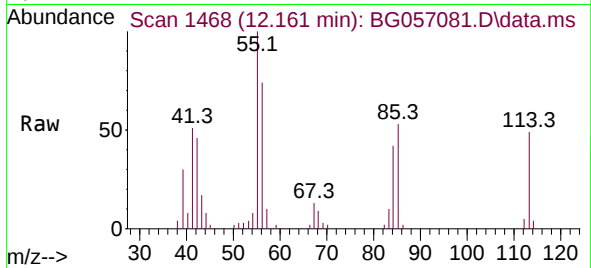
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	46.4	69.6
227	63.7	48.0	72.0





#35
Caprolactam
Concen: 45.030 ng m
RT: 12.161 min Scan# 1468
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

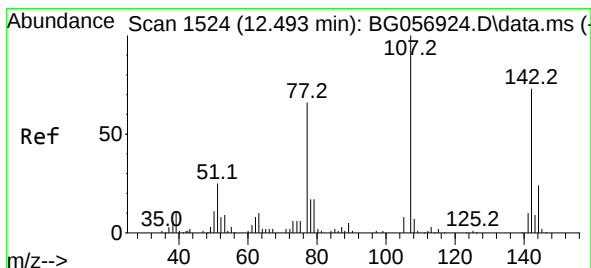
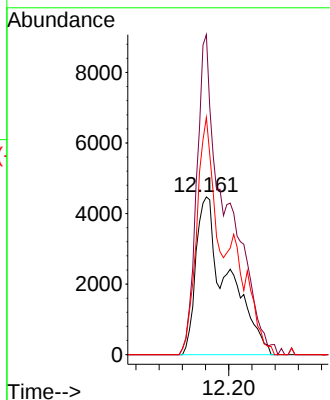
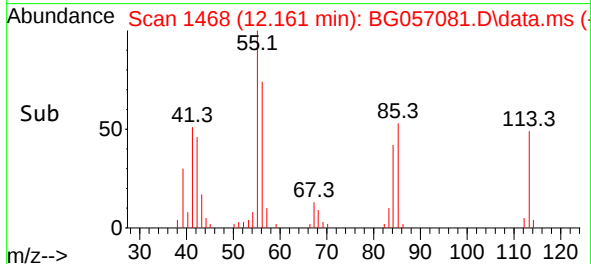
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:113 Resp: 17065
Ion Ratio Lower Upper
113 100
55 202.9 151.6 191.6
56 150.4 103.7 143.7

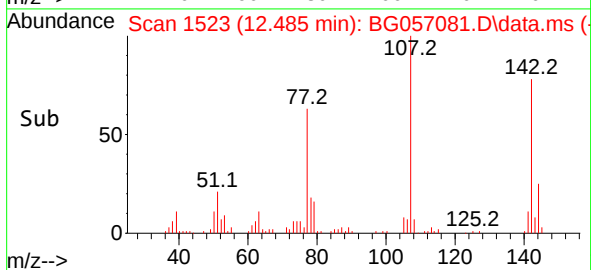
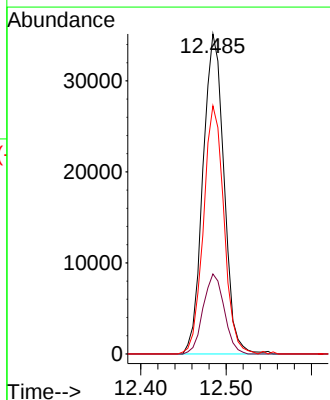
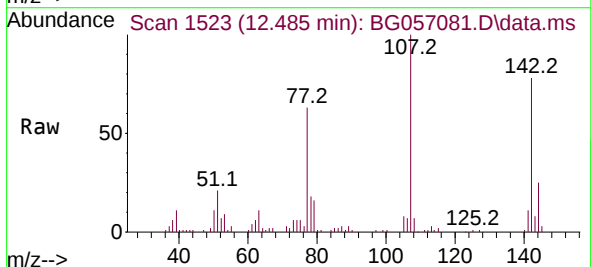
Manual Integrations
APPROVED

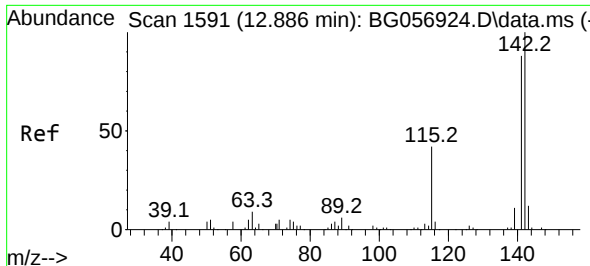
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#36
4-Chloro-3-methylphenol
Concen: 48.918 ng
RT: 12.485 min Scan# 1523
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Tgt Ion:107 Resp: 60117
Ion Ratio Lower Upper
107 100
144 25.0 19.0 28.4
142 77.5 58.6 88.0





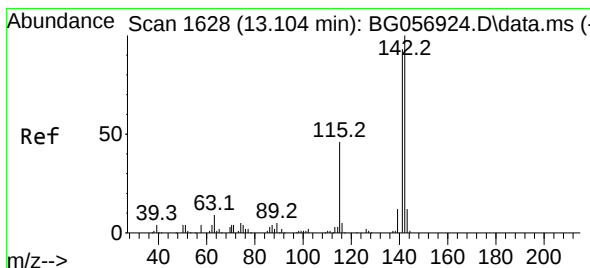
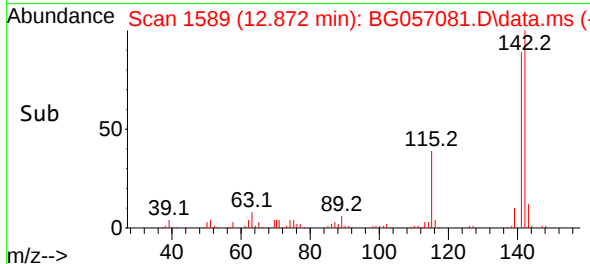
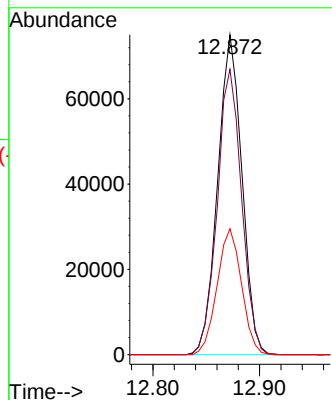
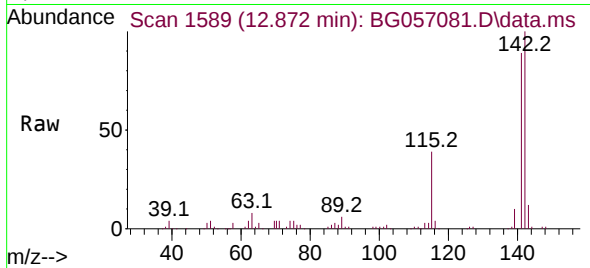
#37
2-Methylnaphthalene
Concen: 45.653 ng
RT: 12.872 min Scan# 118508
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:142 Resp: 118508
Ion Ratio Lower Upper
142 100
141 89.1 70.3 105.5
115 39.3 33.5 50.3

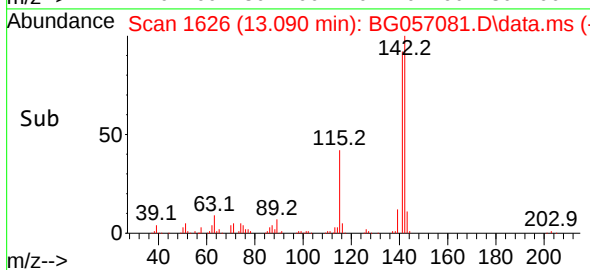
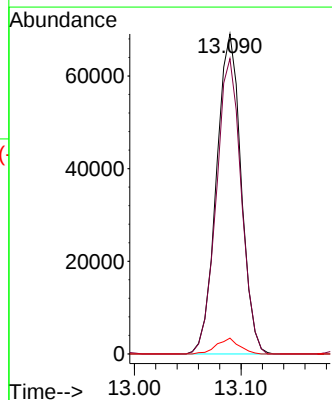
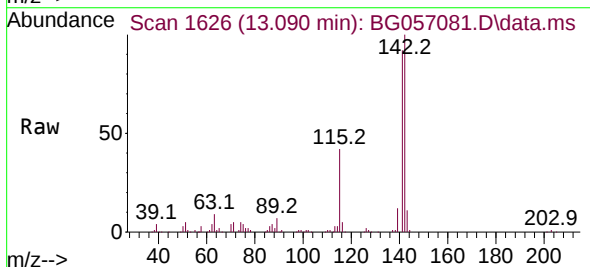
Manual Integrations
APPROVED

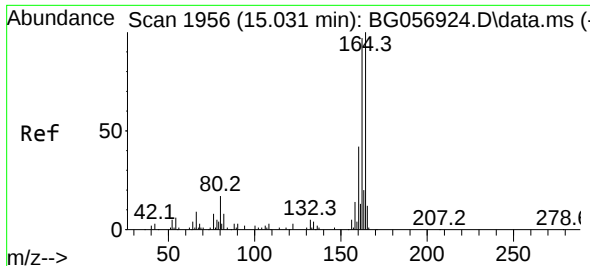
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#38
1-Methylnaphthalene
Concen: 45.501 ng
RT: 13.090 min Scan# 1626
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Tgt Ion:142 Resp: 110909
Ion Ratio Lower Upper
142 100
141 92.3 74.0 111.0
116 4.9 3.7 5.5





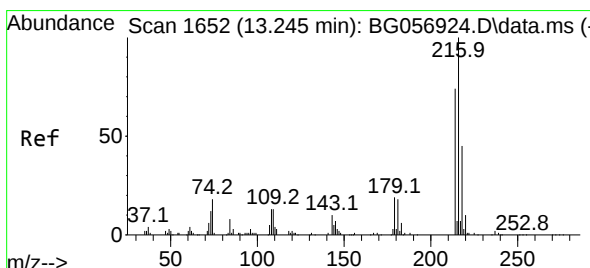
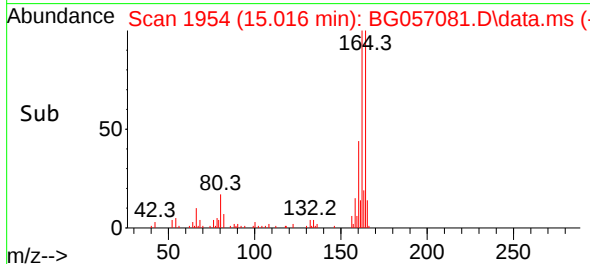
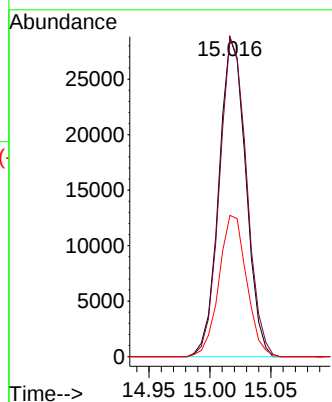
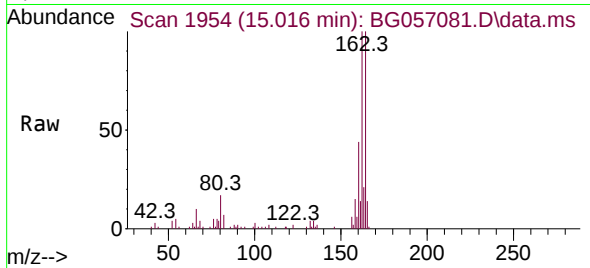
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:164 Resp: 43998
Ion Ratio Lower Upper
164 100
162 100.3 77.8 116.8
160 44.2 33.5 50.3

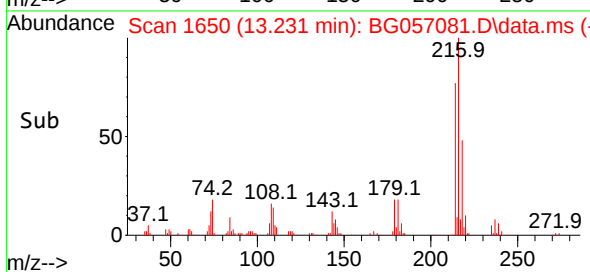
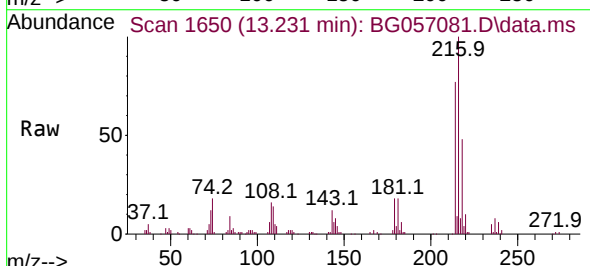
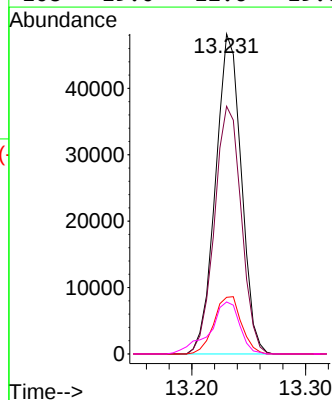
Manual Integrations
APPROVED

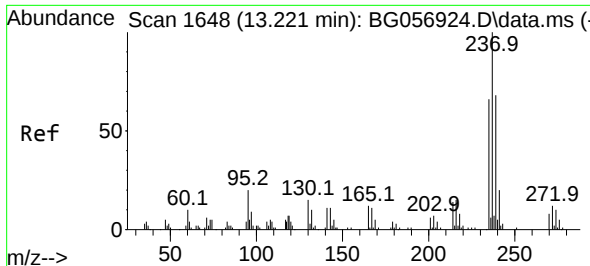
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.662 ng
RT: 13.231 min Scan# 1650
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

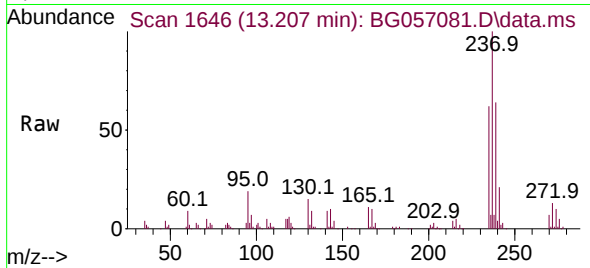
Tgt Ion:216 Resp: 75770
Ion Ratio Lower Upper
216 100
214 80.5 63.3 94.9
179 19.0 15.0 22.6
108 19.0 12.6 19.0#





#41
Hexachlorocyclopentadiene
Concen: 114.740 ng
RT: 13.207 min Scan# 1646
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

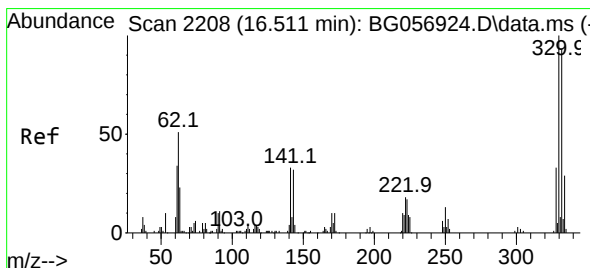
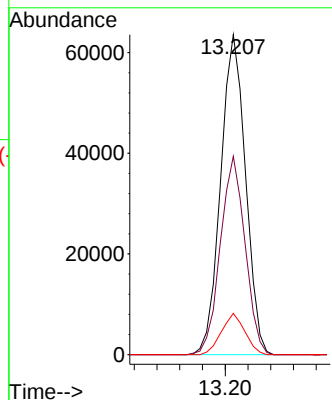
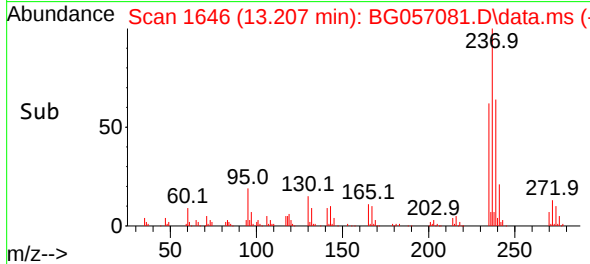
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



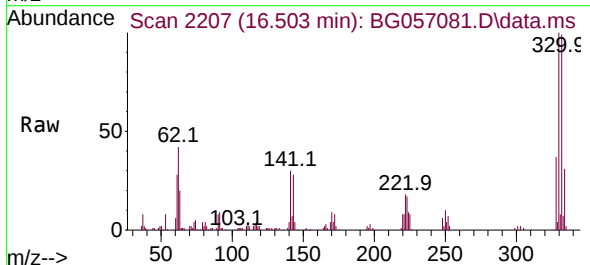
Tgt Ion: 237 Resp: 96458
Ion Ratio Lower Upper
237 100
235 62.0 45.9 85.9
272 12.9 0.0 32.3

Manual Integrations
APPROVED

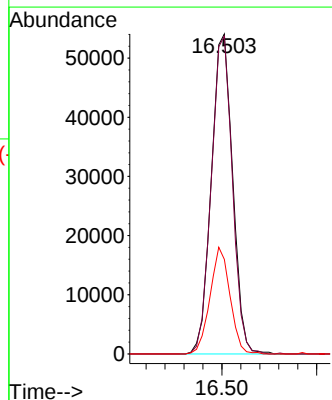
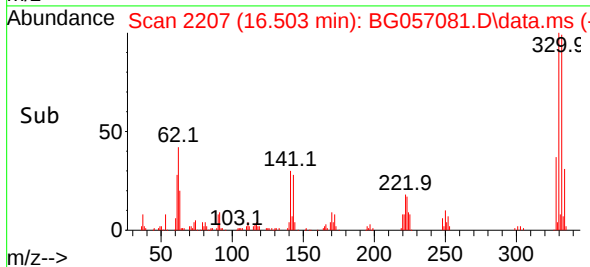
Reviewed By : Christian Giraldo 04/14/2023
Supervised By : Jagrut Upadhyay 04/14/2023

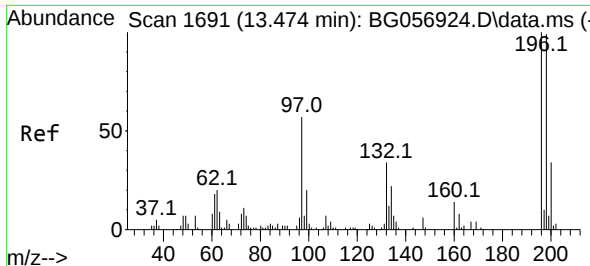


#42
2,4,6-Tribromophenol
Concen: 120.067 ng
RT: 16.503 min Scan# 2207
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



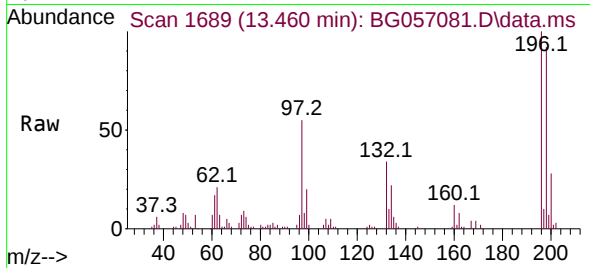
Tgt Ion: 330 Resp: 84393
Ion Ratio Lower Upper
330 100
332 97.8 76.1 114.1
141 31.3 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 51.623 ng
RT: 13.460 min Scan# 1691
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

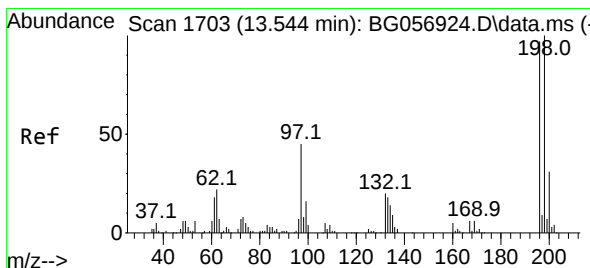
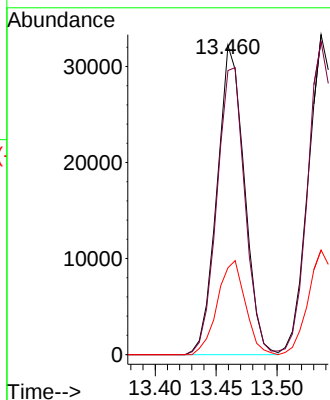
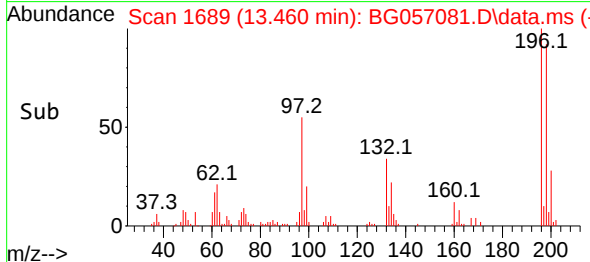
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



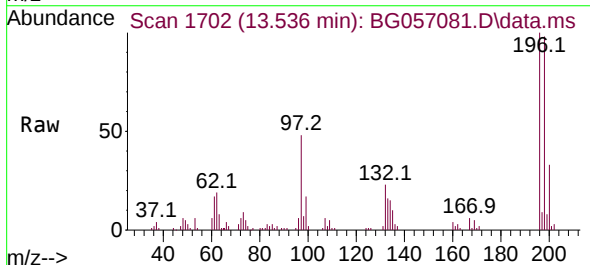
Tgt Ion:196 Resp: 50261
Ion Ratio Lower Upper
196 100
198 91.9 79.1 118.7
200 28.1 27.2 40.8

Manual Integrations
APPROVED

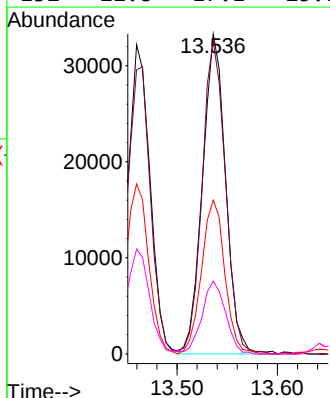
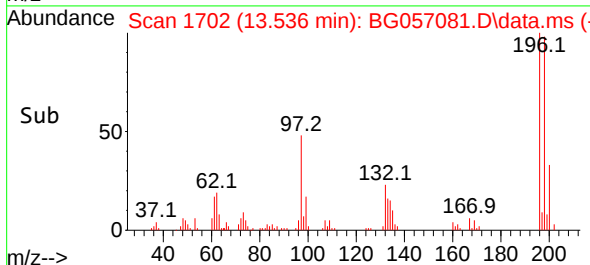
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

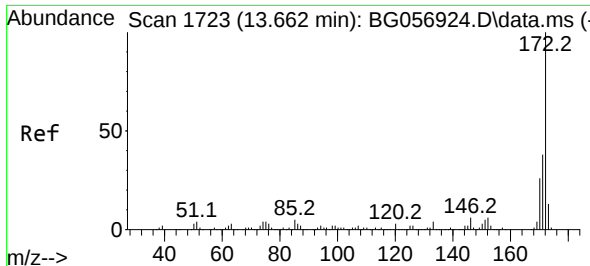


#44
2,4,5-Trichlorophenol
Concen: 46.174 ng
RT: 13.536 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



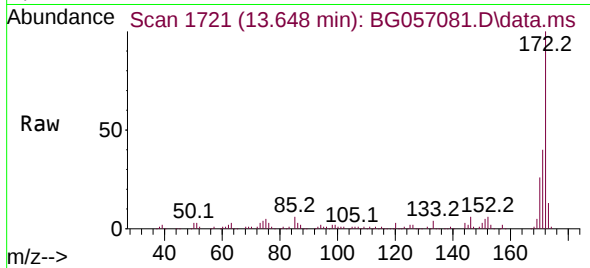
Tgt Ion:196 Resp: 53258
Ion Ratio Lower Upper
196 100
198 97.8 82.5 123.7
97 48.1 37.0 55.6
132 22.8 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 77.208 ng
RT: 13.648 min Scan# 1721
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

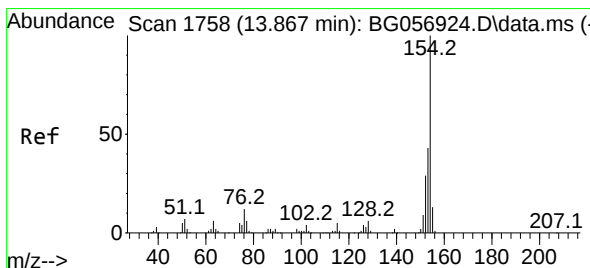
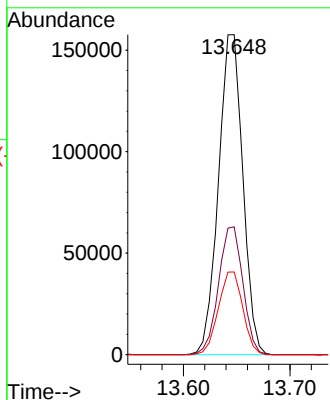
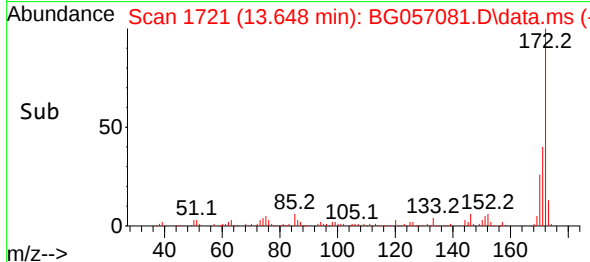
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



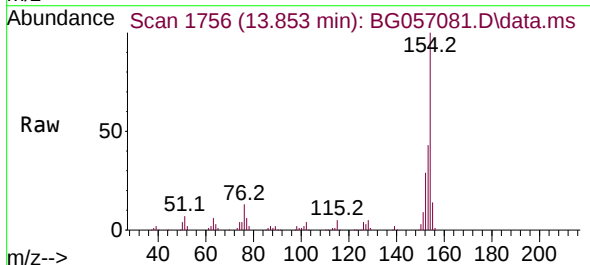
Tgt Ion:172 Resp: 250515
Ion Ratio Lower Upper
172 100
171 39.9 30.6 46.0
170 25.8 20.6 30.8

Manual Integrations
APPROVED

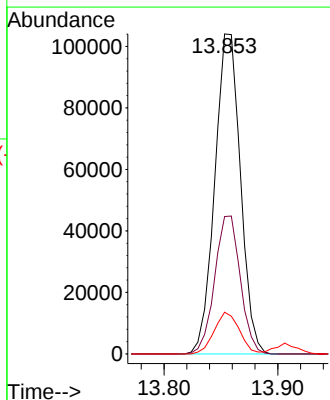
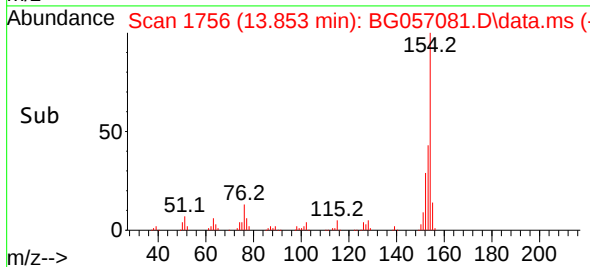
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

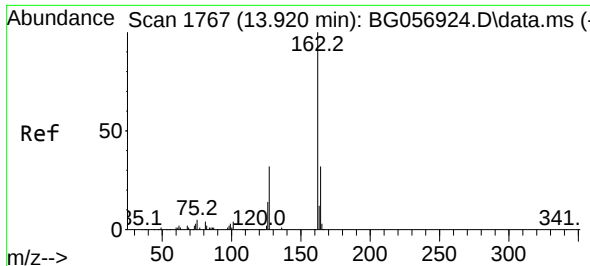


#46
1,1'-Biphenyl
Concen: 50.626 ng
RT: 13.853 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



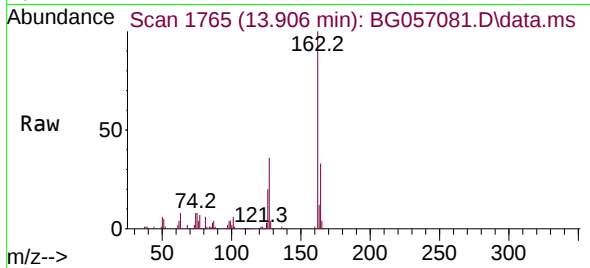
Tgt Ion:154 Resp: 163055
Ion Ratio Lower Upper
154 100
153 42.9 23.4 63.4
76 13.0 0.0 31.6





#47
2-Chloronaphthalene
Concen: 52.452 ng
RT: 13.906 min Scan# 1765
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

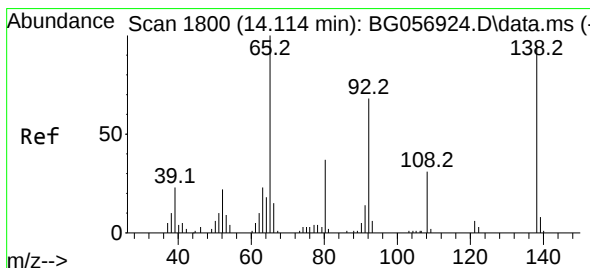
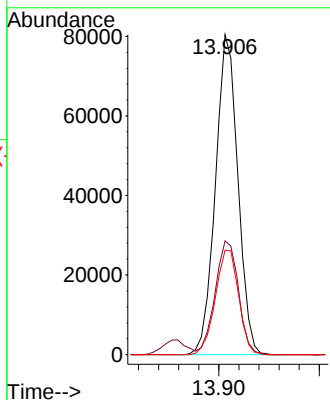
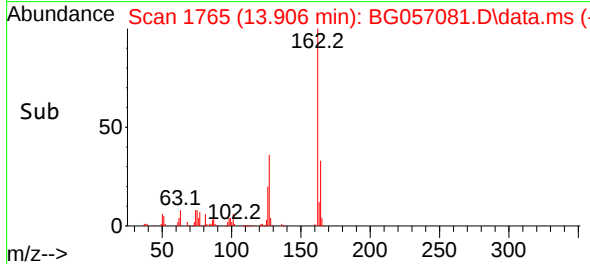
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:162 Resp: 124944
Ion Ratio Lower Upper
162 100
127 35.6 29.5 44.3
164 32.6 25.5 38.3

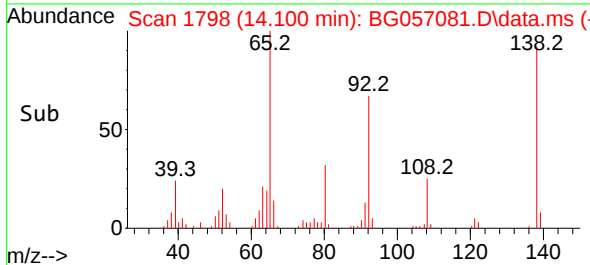
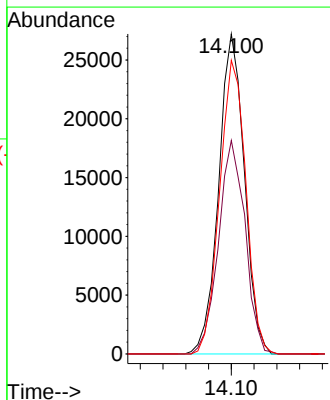
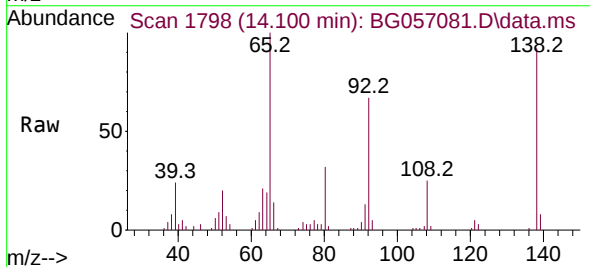
Manual Integrations
APPROVED

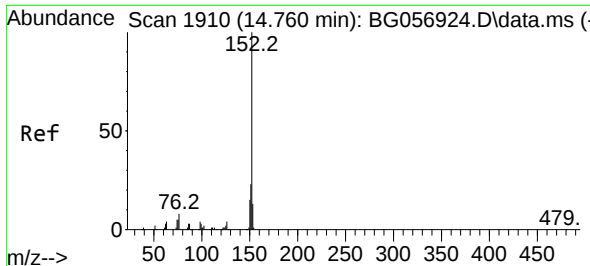
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#48
2-Nitroaniline
Concen: 50.088 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

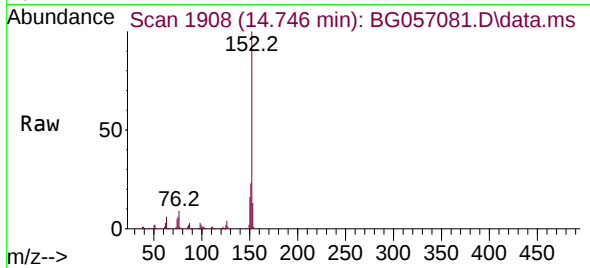
Tgt Ion: 65 Resp: 42663
Ion Ratio Lower Upper
65 100
92 66.7 54.3 81.5
138 91.7 76.0 114.0





#49
Acenaphthylene
Concen: 50.241 ng
RT: 14.746 min Scan# 1910
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

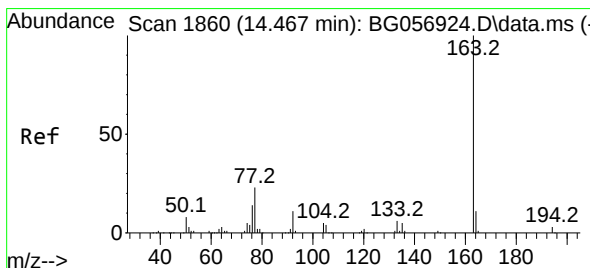
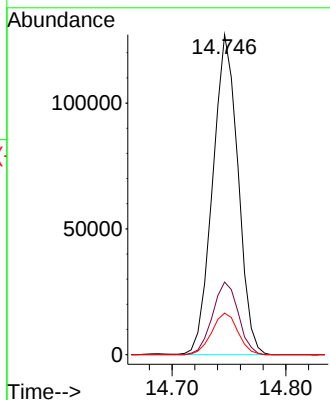
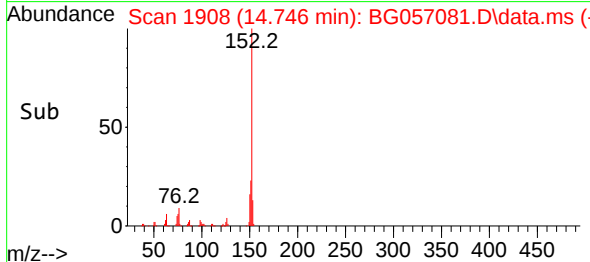
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:152 Resp: 196633
Ion Ratio Lower Upper
152 100
151 22.7 18.2 27.2
153 13.0 10.5 15.7

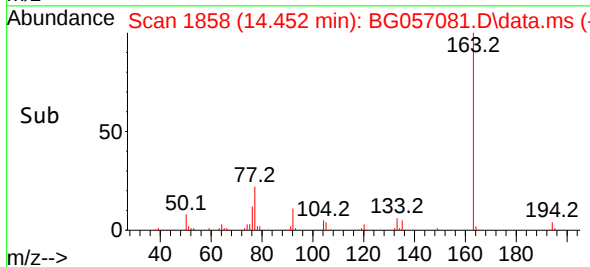
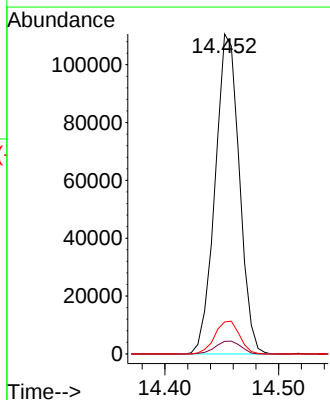
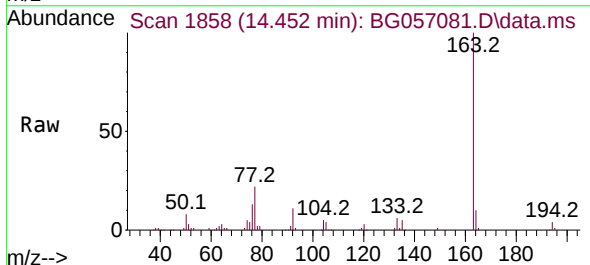
Manual Integrations
APPROVED

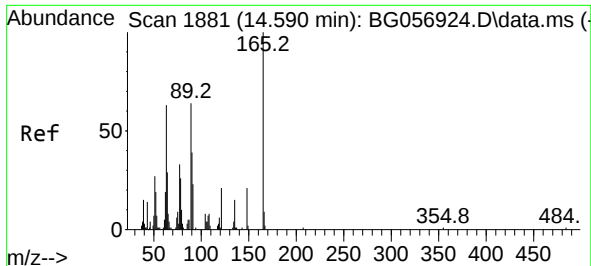
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#50
Dimethylphthalate
Concen: 47.155 ng
RT: 14.452 min Scan# 1858
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

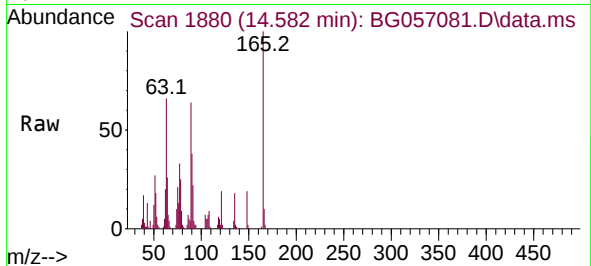
Tgt Ion:163 Resp: 163474
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.0 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 48.378 ng
RT: 14.582 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

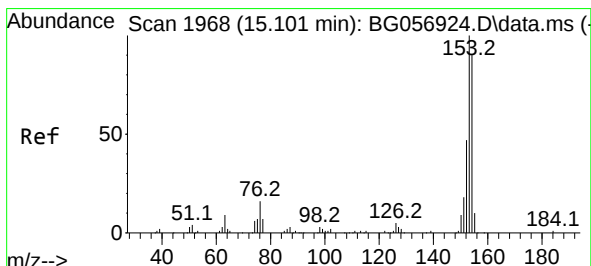
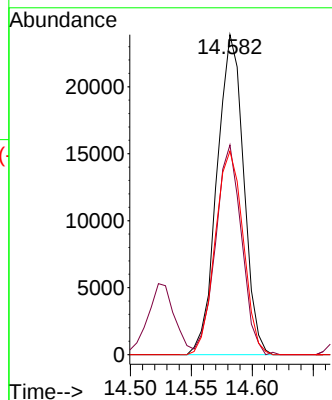
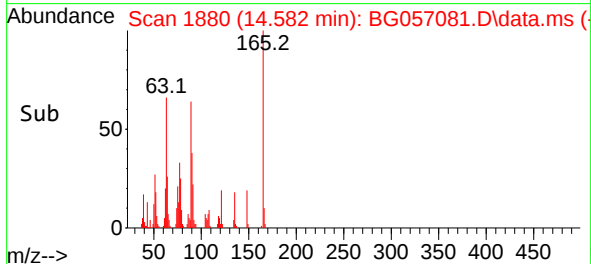
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:165 Resp: 36236
Ion Ratio Lower Upper
165 100
63 65.5 53.0 79.6
89 63.6 51.0 76.4

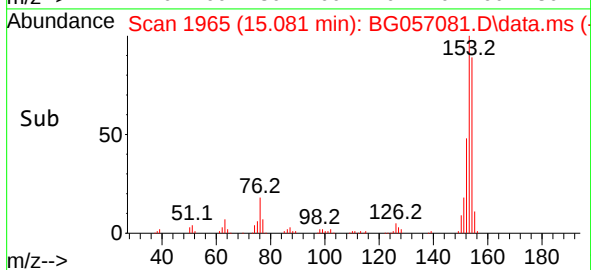
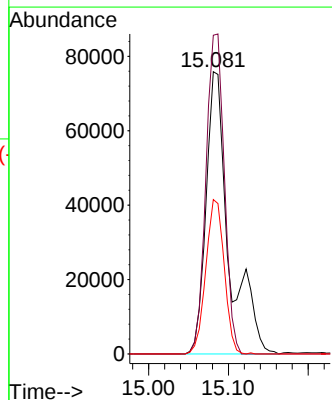
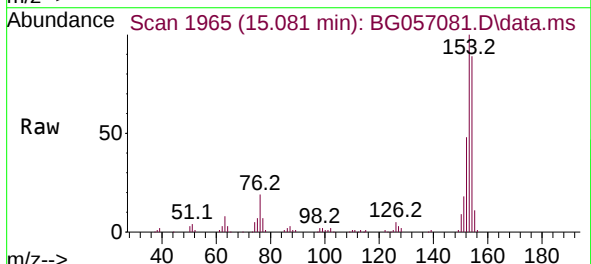
Manual Integrations
APPROVED

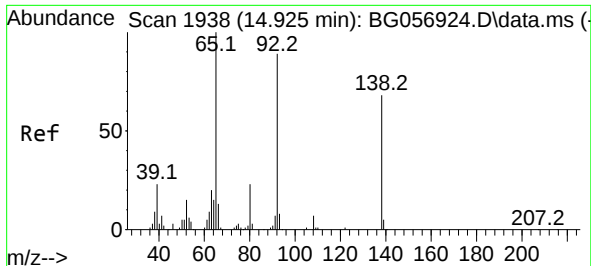
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#52
Acenaphthene
Concen: 56.491 ng m
RT: 15.081 min Scan# 1965
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

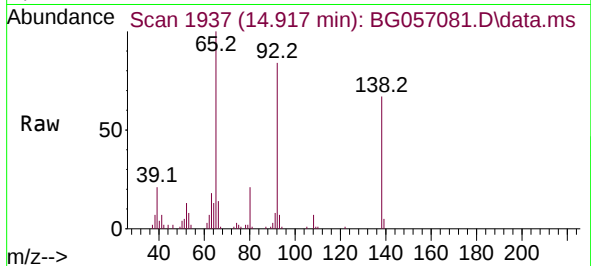
Tgt Ion:154 Resp: 152483
Ion Ratio Lower Upper
154 100
153 112.9 88.9 133.3
152 54.7 41.8 62.8





#53
3-Nitroaniline
Concen: 36.315 ng
RT: 14.917 min Scan# 1937
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

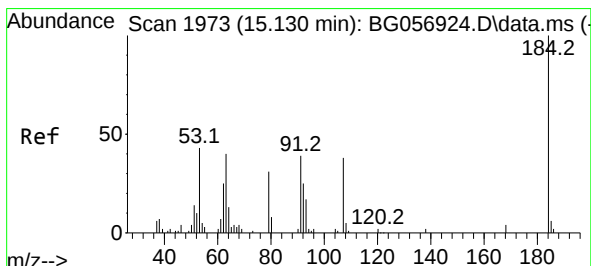
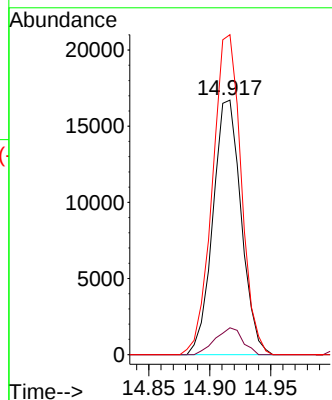
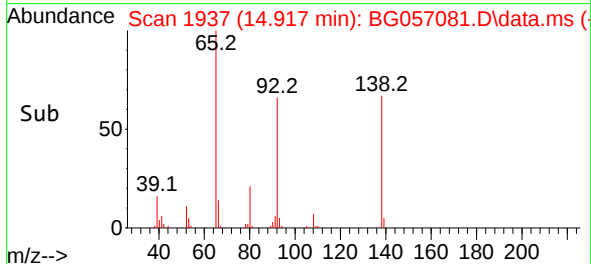
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



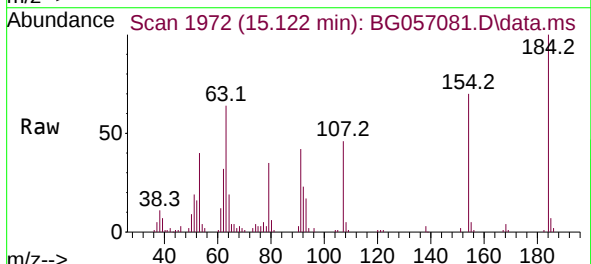
Tgt Ion:138 Resp: 26924
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 125.8 105.2 157.8

Manual Integrations
APPROVED

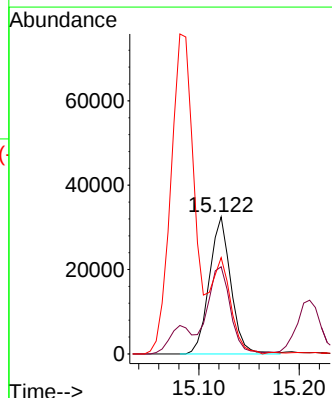
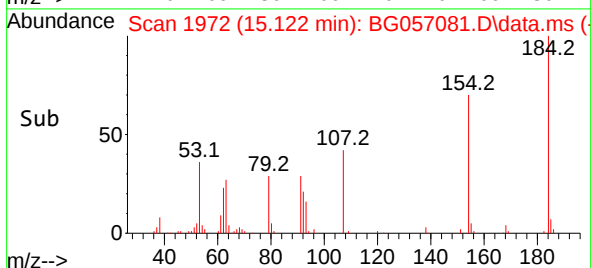
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

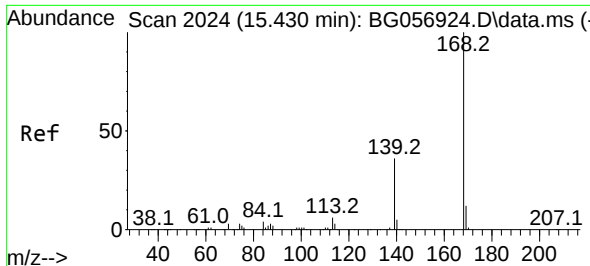


#54
2,4-Dinitrophenol
Concen: 114.536 ng
RT: 15.122 min Scan# 1972
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



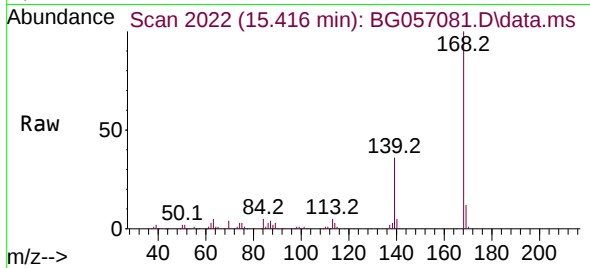
Tgt Ion:184 Resp: 48288
Ion Ratio Lower Upper
184 100
63 63.5 46.5 69.7
154 70.2 53.5 80.3





#55
Dibenzofuran
Concen: 48.574 ng
RT: 15.416 min Scan# 2024
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

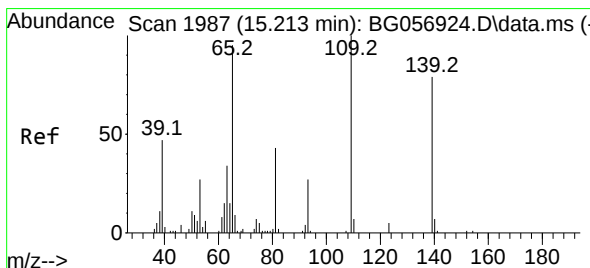
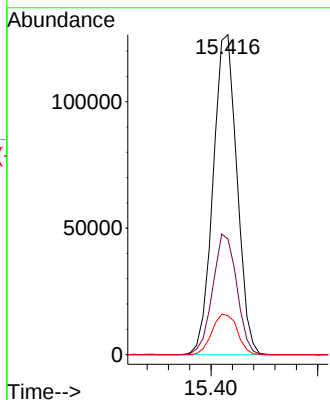
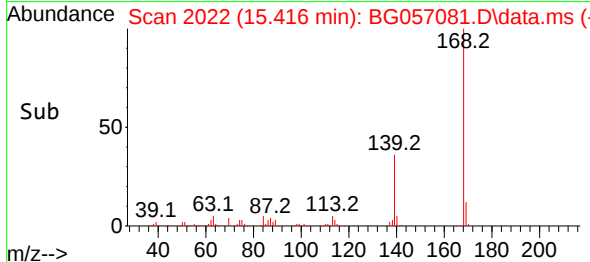
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:168 Resp: 196786
Ion Ratio Lower Upper
168 100
139 36.1 28.9 43.3
169 12.2 9.8 14.6

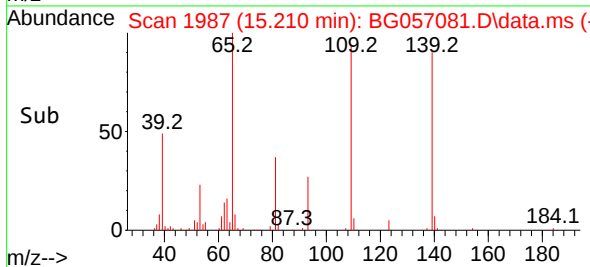
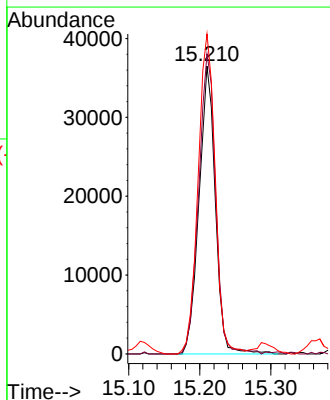
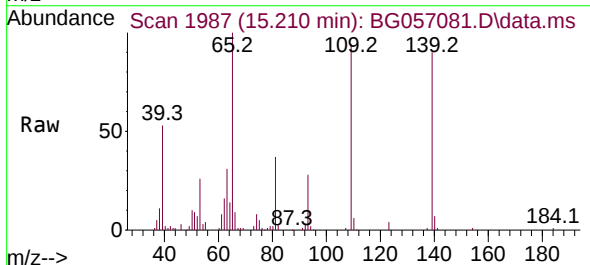
Manual Integrations
APPROVED

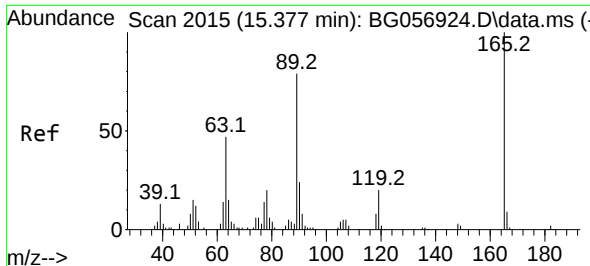
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#56
4-Nitrophenol
Concen: 105.735 ng
RT: 15.210 min Scan# 1987
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

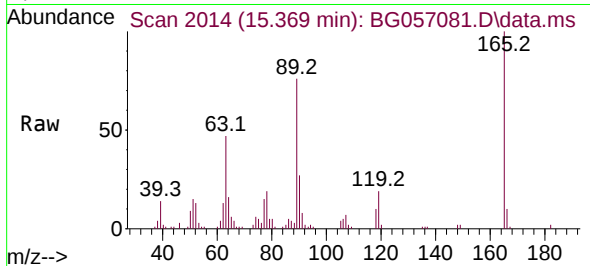
Tgt Ion:139 Resp: 57968
Ion Ratio Lower Upper
139 100
109 104.3 106.7 146.7#
65 111.2 100.5 140.5





#57
2,4-Dinitrotoluene
Concen: 47.086 ng
RT: 15.369 min Scan# 2014
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

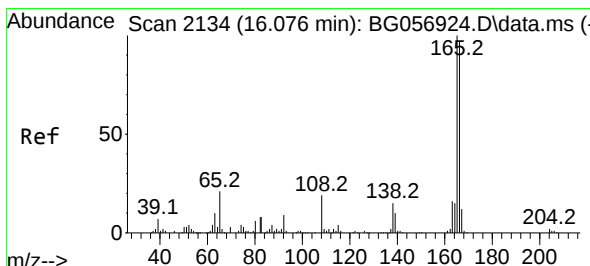
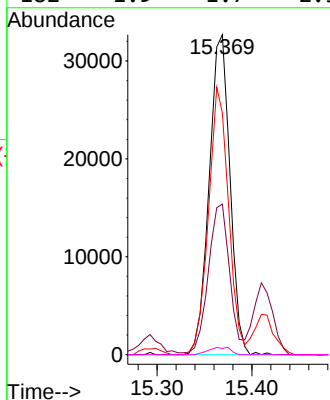
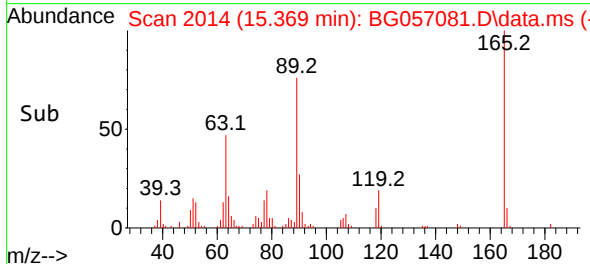
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:165 Resp: 49742
Ion Ratio Lower Upper
165 100
63 47.0 37.7 56.5
89 75.6 63.2 94.8
182 1.9 1.7 2.5

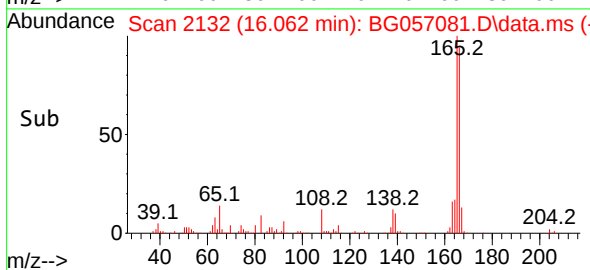
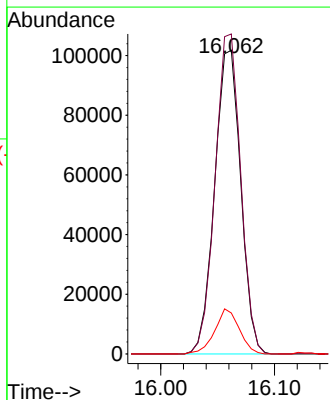
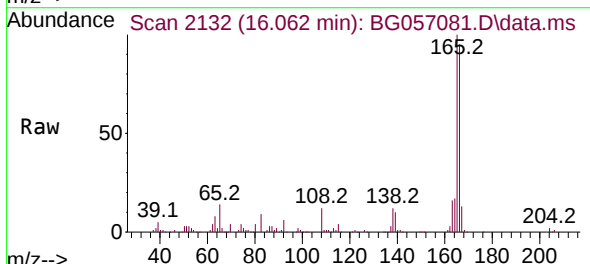
Manual Integrations
APPROVED

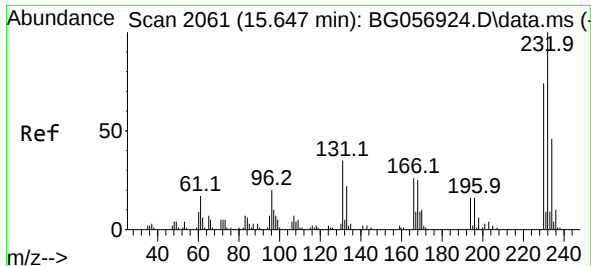
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#58
Fluorene
Concen: 48.411 ng
RT: 16.062 min Scan# 2132
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

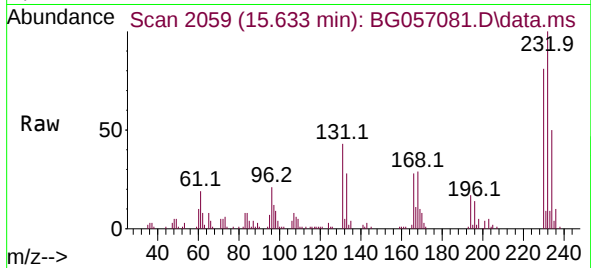
Tgt Ion:166 Resp: 162292
Ion Ratio Lower Upper
166 100
165 105.4 82.6 123.8
167 13.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.432 ng
RT: 15.633 min Scan# 2059
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

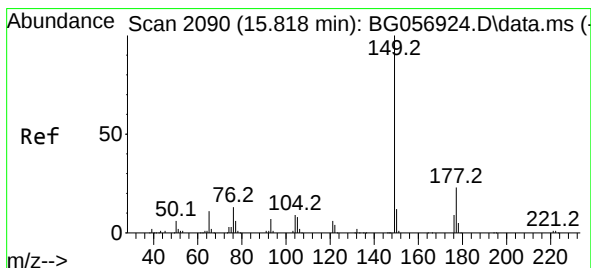
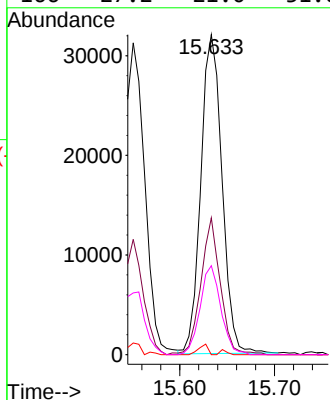
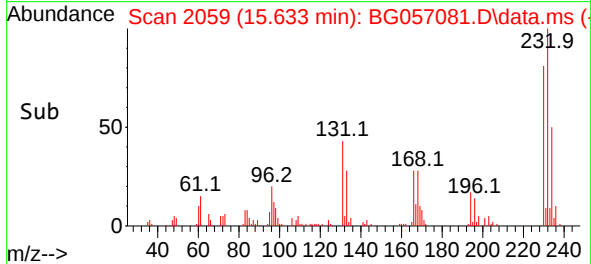
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



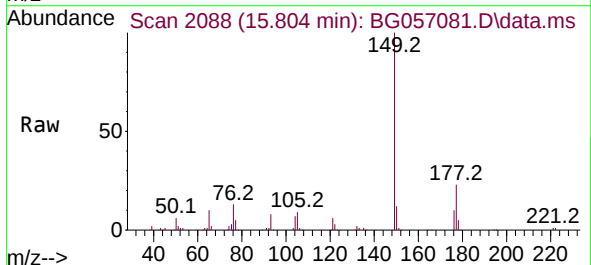
Tgt Ion:232 Resp: 49812
Ion Ratio Lower Upper
232 100
131 39.2 29.3 43.9
130 1.4 1.7 2.5
166 27.2 21.0 31.6

Manual Integrations
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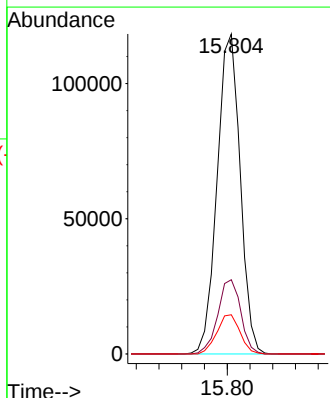
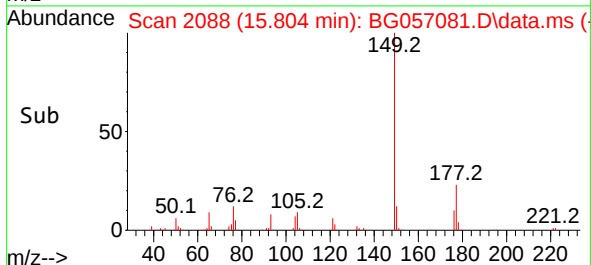
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

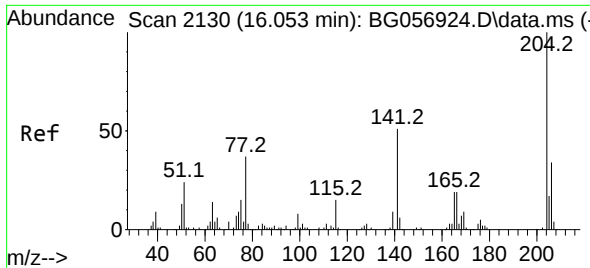


#60
Diethylphthalate
Concen: 47.855 ng
RT: 15.804 min Scan# 2088
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



Tgt Ion:149 Resp: 166313
Ion Ratio Lower Upper
149 100
177 23.2 18.8 28.2
150 12.2 9.4 14.2





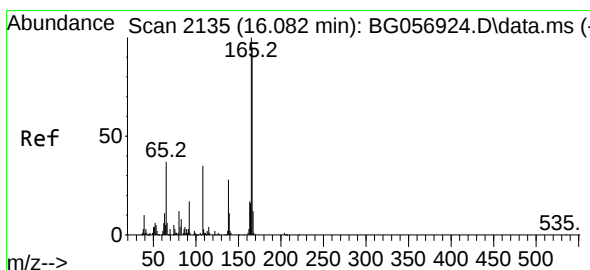
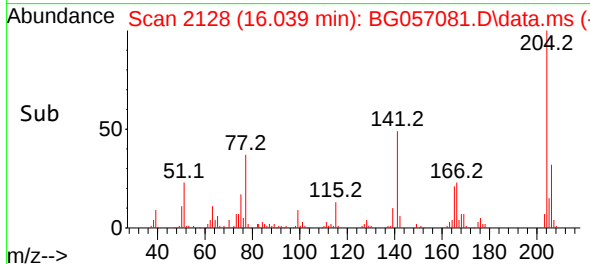
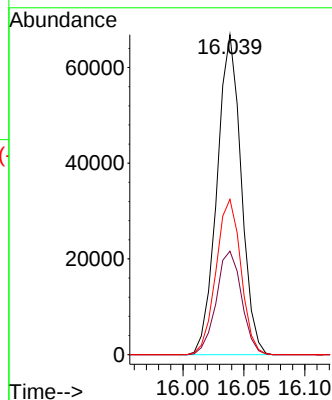
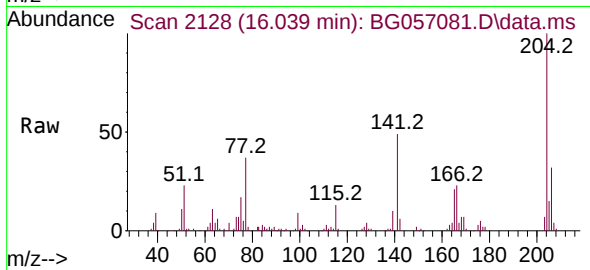
#61
4-Chlorophenyl-phenylether
Concen: 46.951 ng
RT: 16.039 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Tgt Ion:204 Resp: 92412
Ion Ratio Lower Upper
204 100
206 32.3 27.2 40.8
141 48.5 40.7 61.1

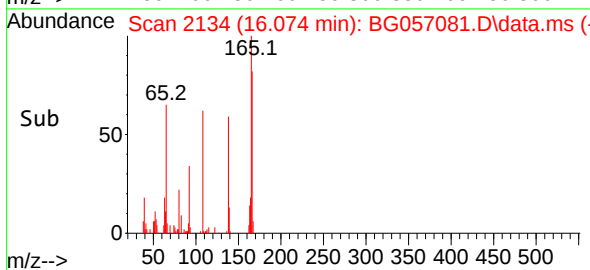
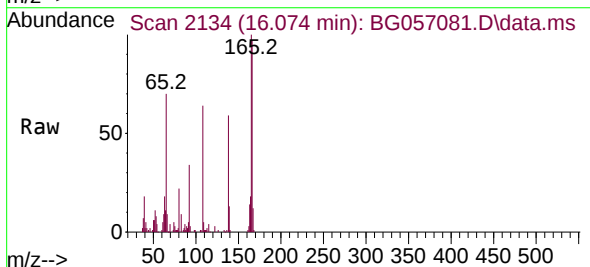
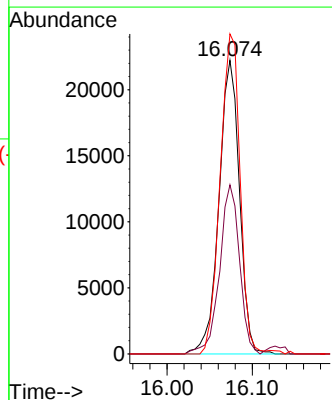
Manual Integrations
APPROVED

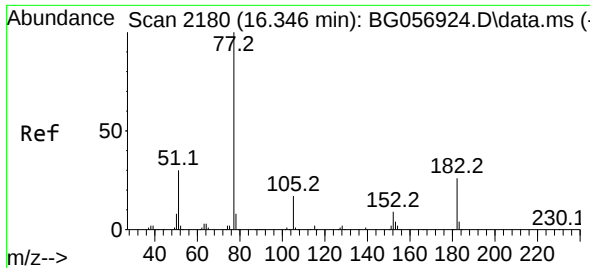
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#62
4-Nitroaniline
Concen: 48.276 ng
RT: 16.074 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

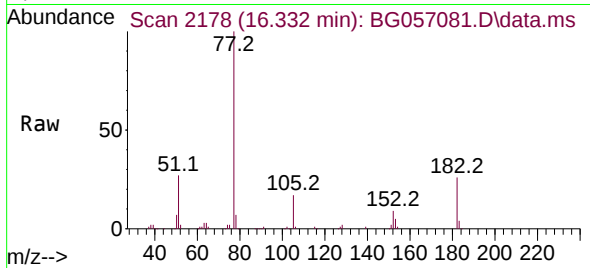
Tgt Ion:138 Resp: 37083
Ion Ratio Lower Upper
138 100
92 57.6 40.9 80.9
108 109.0 104.3 144.3





#63
Azobenzene
Concen: 50.350 ng
RT: 16.332 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

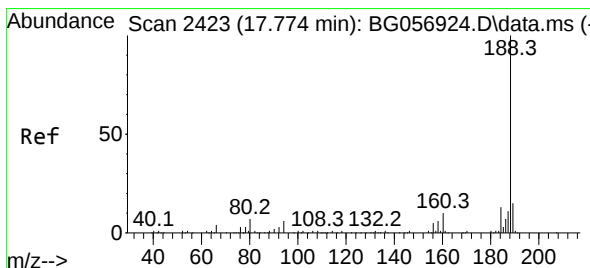
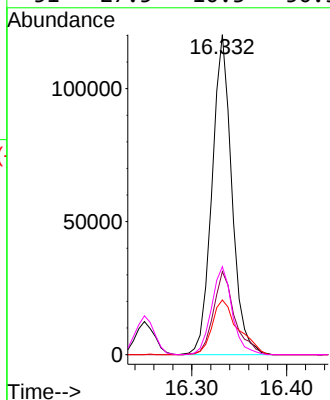
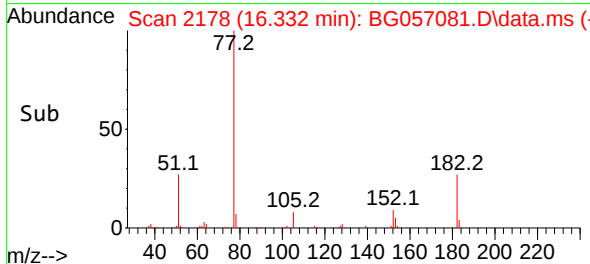
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion: 77 Resp: 174389
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 17.1 0.0 36.8
51 27.5 10.3 50.3

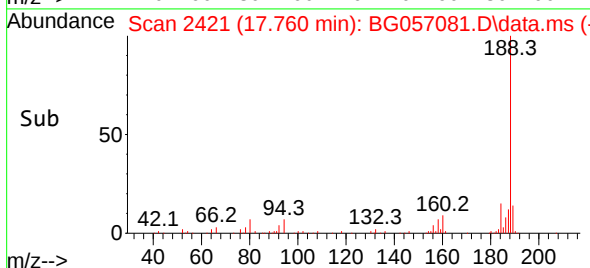
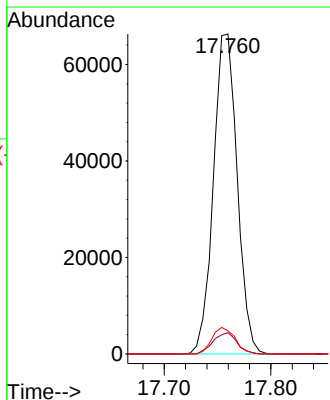
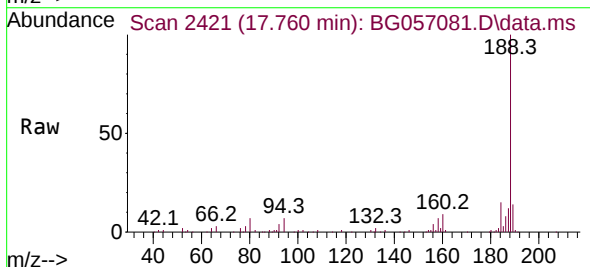
Manual Integrations
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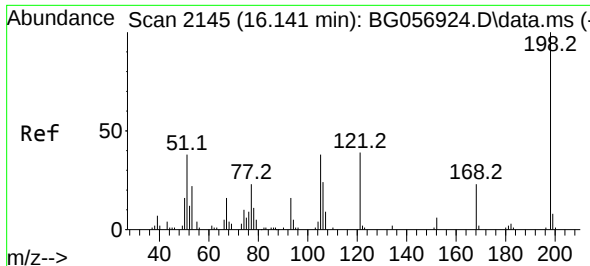
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.760 min Scan# 2421
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

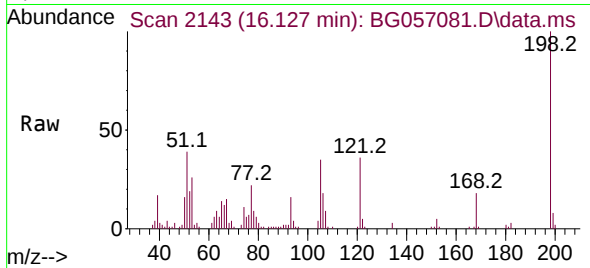
Tgt Ion:188 Resp: 102845
Ion Ratio Lower Upper
188 100
94 6.6 4.6 6.8
80 7.2 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 58.449 ng
RT: 16.127 min Scan# 2145
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

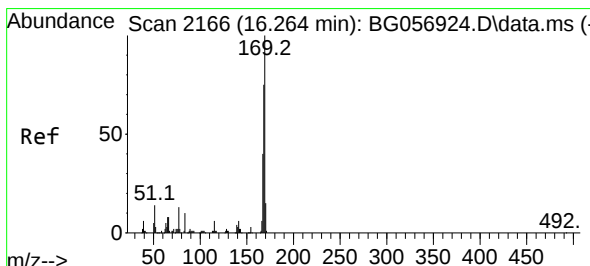
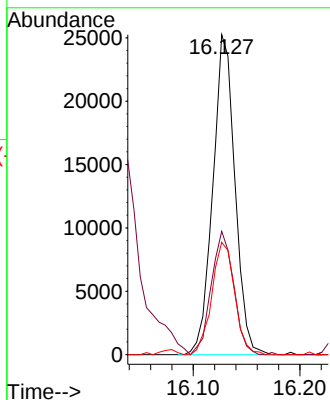
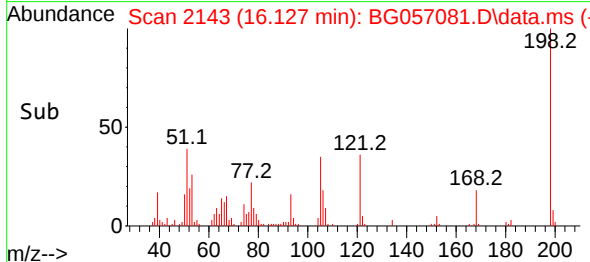
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



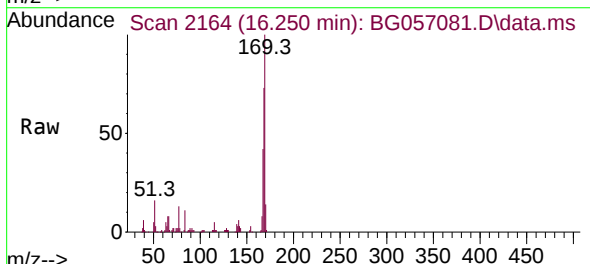
Tgt Ion:198 Resp: 36406
Ion Ratio Lower Upper
198 100
51 38.5 20.5 60.5
105 35.1 18.1 58.1

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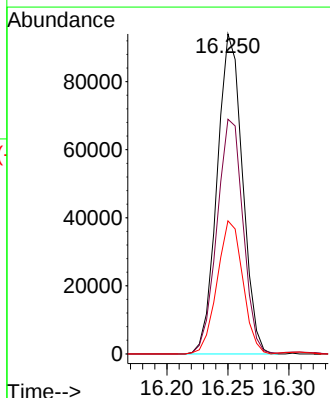
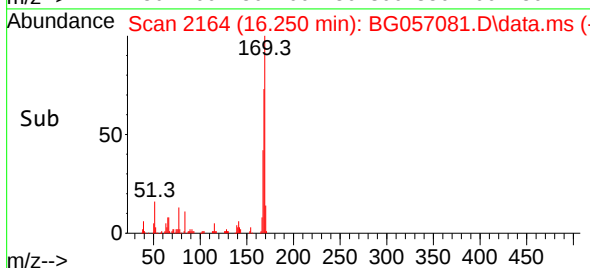
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

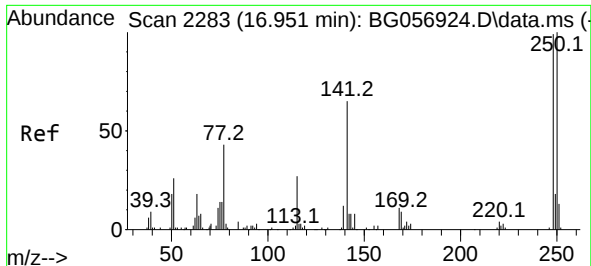


#66
n-Nitrosodiphenylamine
Concen: 49.285 ng
RT: 16.250 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



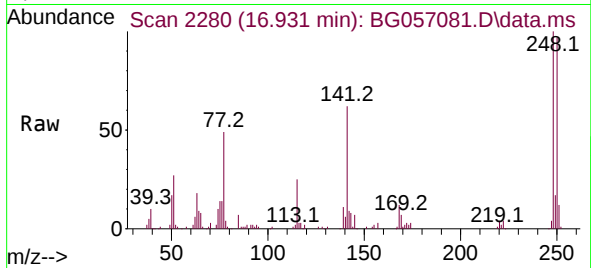
Tgt Ion:169 Resp: 136065
Ion Ratio Lower Upper
169 100
168 73.3 59.6 89.4
167 41.6 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 48.418 ng
RT: 16.931 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

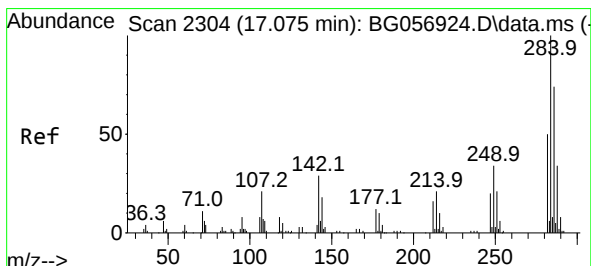
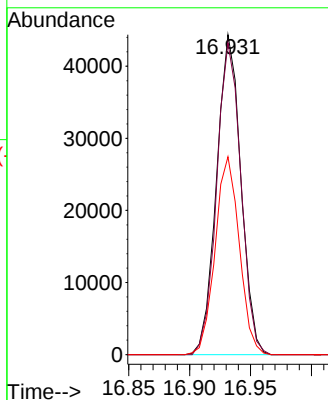
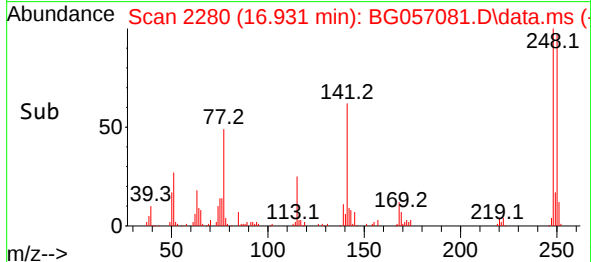
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



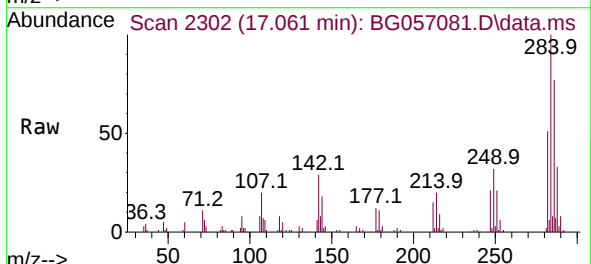
Tgt Ion:248 Resp: 61613
Ion Ratio Lower Upper
248 100
250 97.4 80.5 120.7
141 61.8 52.0 78.0

Manual Integrations
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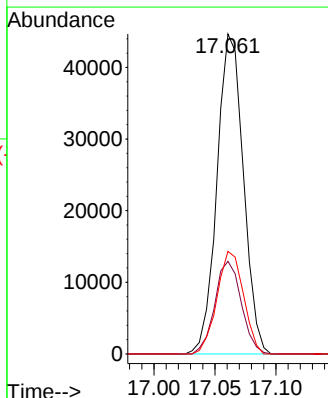
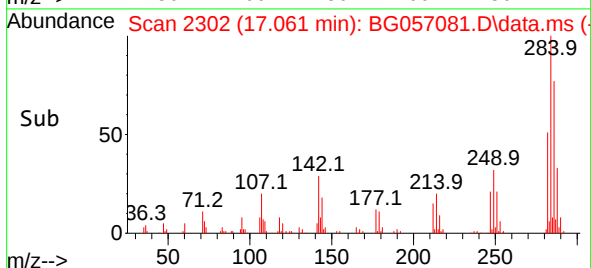
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

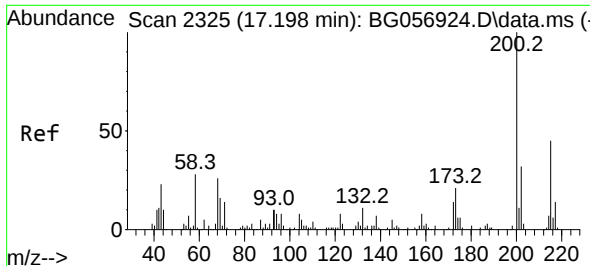


#68
Hexachlorobenzene
Concen: 53.459 ng
RT: 17.061 min Scan# 2302
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



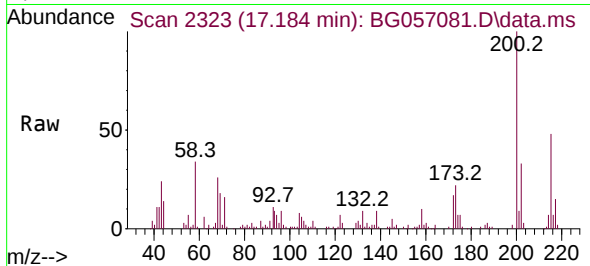
Tgt Ion:284 Resp: 67256
Ion Ratio Lower Upper
284 100
142 28.9 23.0 34.4
249 32.0 27.1 40.7





#69
 Atrazine
 Concen: 54.032 ng
 RT: 17.184 min Scan# 2325
 Delta R.T. -0.004 min
 Lab File: BG057081.D
 Acq: 13 Apr 2023 14:06

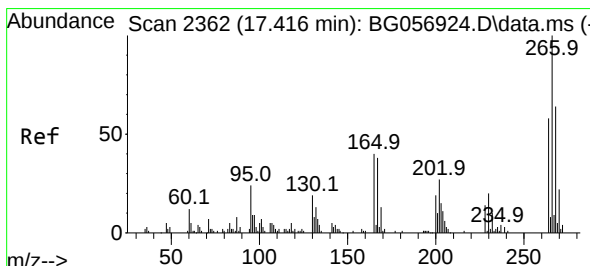
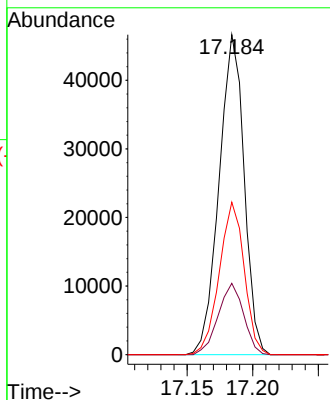
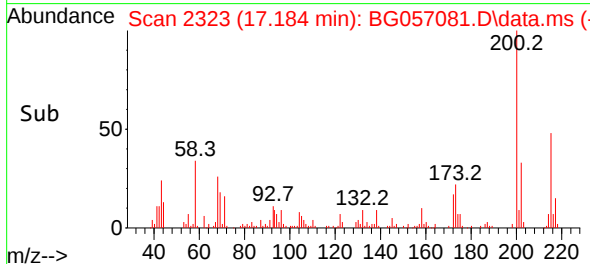
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MSD



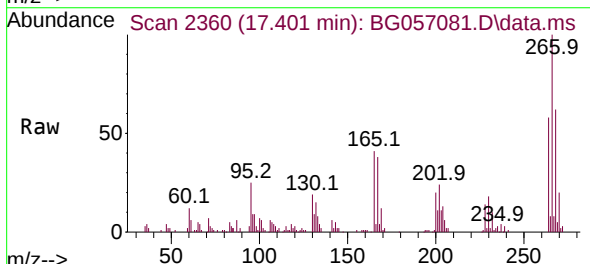
Tgt Ion:200 Resp: 61922
 Ion Ratio Lower Upper
 200 100
 173 22.3 1.0 41.0
 215 47.6 25.0 65.0

Manual Integrations
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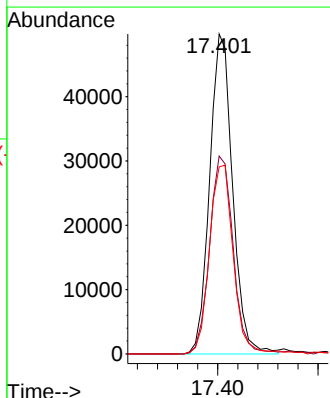
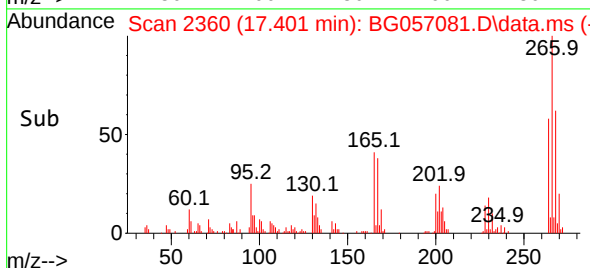
Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023

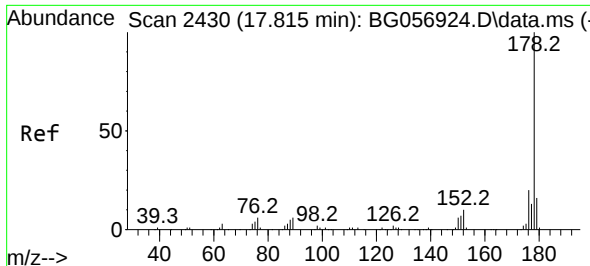


#70
 Pentachlorophenol
 Concen: 87.367 ng
 RT: 17.401 min Scan# 2360
 Delta R.T. -0.004 min
 Lab File: BG057081.D
 Acq: 13 Apr 2023 14:06



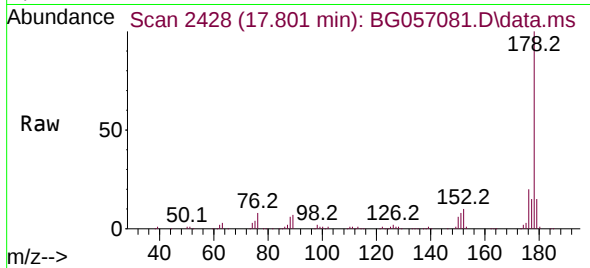
Tgt Ion:266 Resp: 78855
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.0 76.6
 264 58.4 46.8 70.2





#71
Phenanthrene
Concen: 49.661 ng
RT: 17.801 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

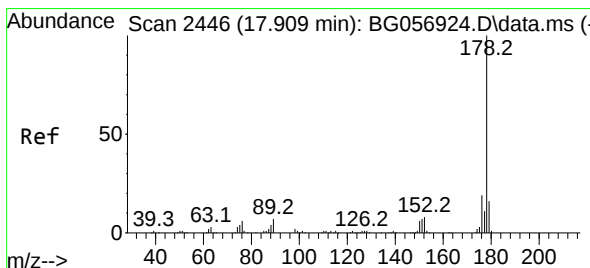
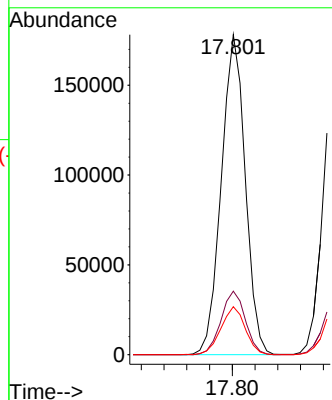
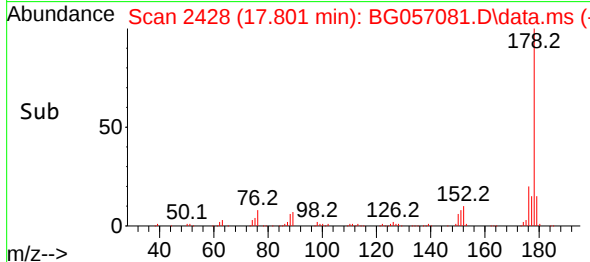
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



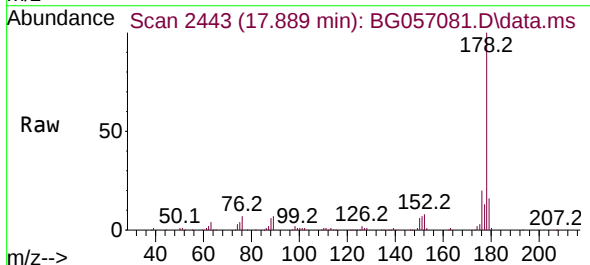
Tgt Ion:178 Resp: 260400
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.0 12.5 18.7

Manual Integrations
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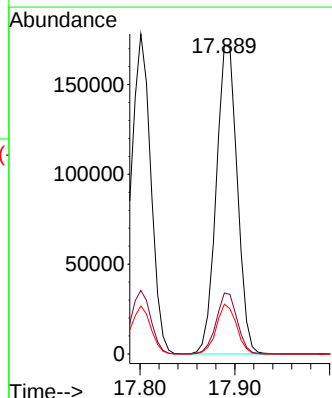
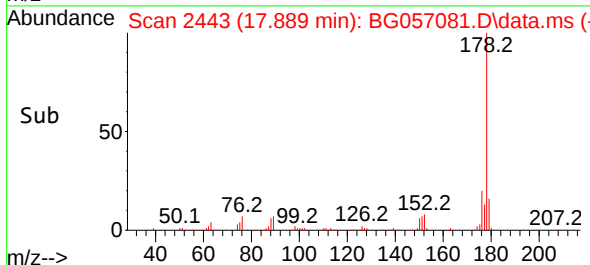
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

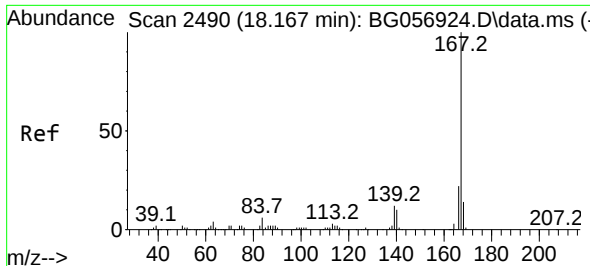


#72
Anthracene
Concen: 49.308 ng
RT: 17.889 min Scan# 2443
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



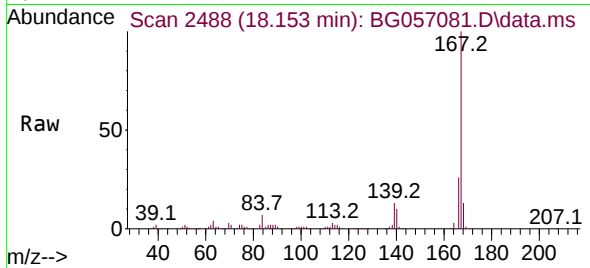
Tgt Ion:178 Resp: 265045
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.1 12.4 18.6





#73
 Carbazole
 Concen: 49.861 ng
 RT: 18.153 min Scan# 2490
 Delta R.T. -0.004 min
 Lab File: BG057081.D
 Acq: 13 Apr 2023 14:06

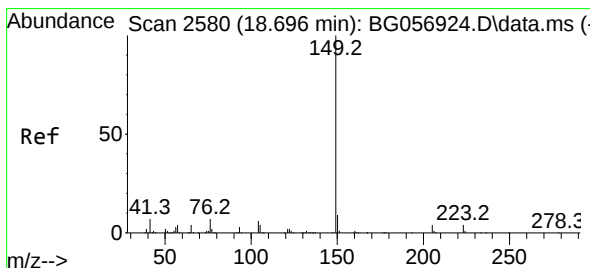
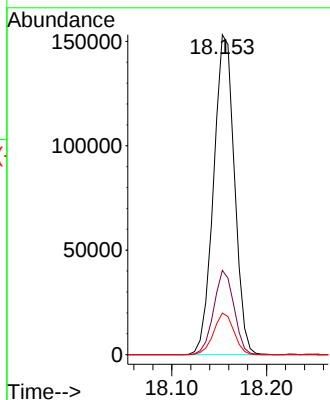
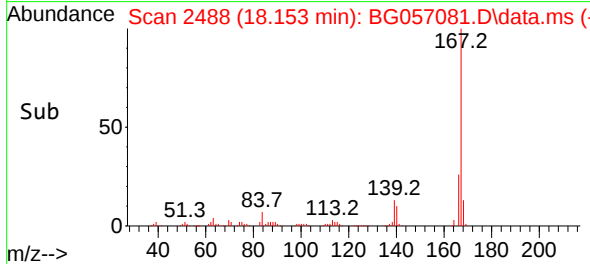
Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-VB3-041123MSD



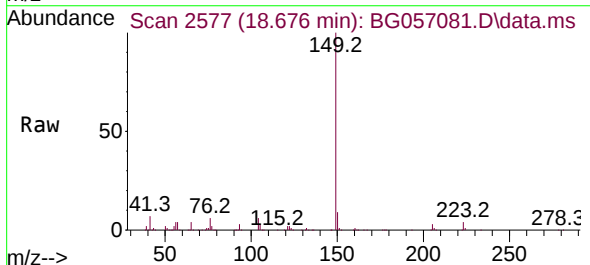
Tgt Ion:167 Resp: 233675
 Ion Ratio Lower Upper
 167 100
 166 26.3 17.9 26.9
 139 13.0 9.5 14.3

Manual Integrations
 APPROVED

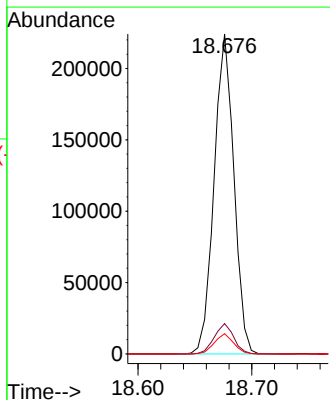
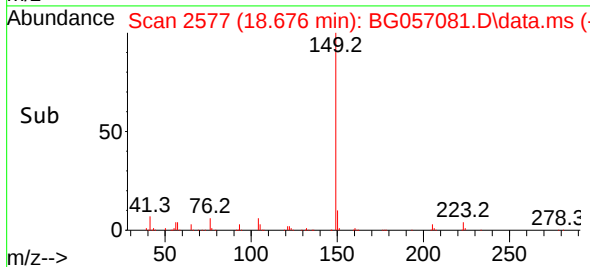
Reviewed By :Christian Giraldo 04/14/2023
 Supervised By :Jagrut Upadhyay 04/14/2023

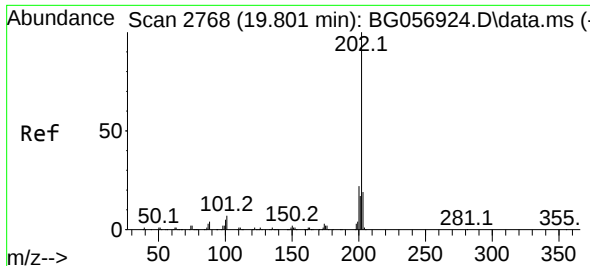


#74
 Di-n-butylphthalate
 Concen: 49.819 ng
 RT: 18.676 min Scan# 2577
 Delta R.T. -0.004 min
 Lab File: BG057081.D
 Acq: 13 Apr 2023 14:06



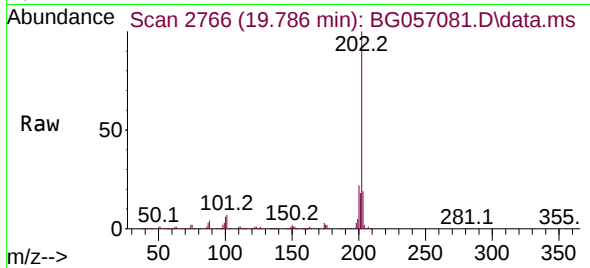
Tgt Ion:149 Resp: 270367
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 6.3 4.9 7.3





#75
Fluoranthene
Concen: 45.666 ng
RT: 19.786 min Scan# 2766
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

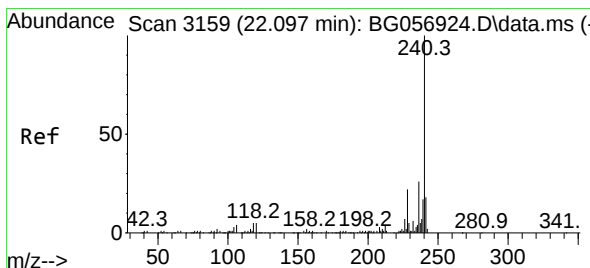
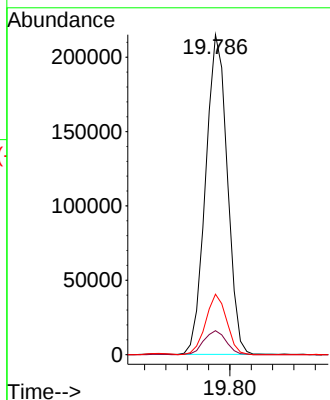
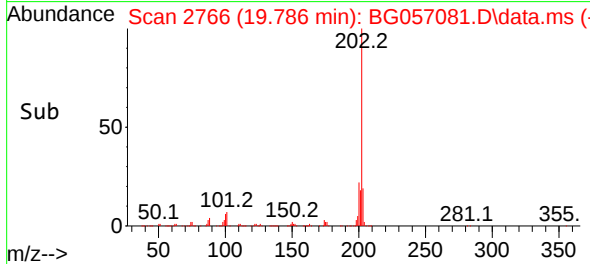
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:202 Resp: 303543
Ion Ratio Lower Upper
202 100
101 7.5 0.0 26.7
203 18.9 0.0 39.0

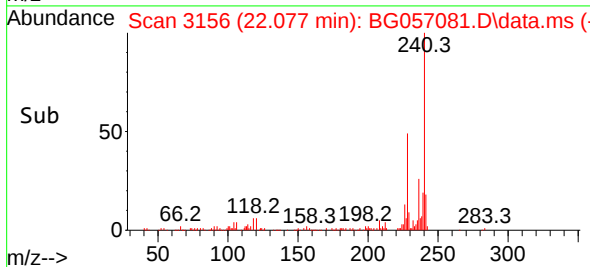
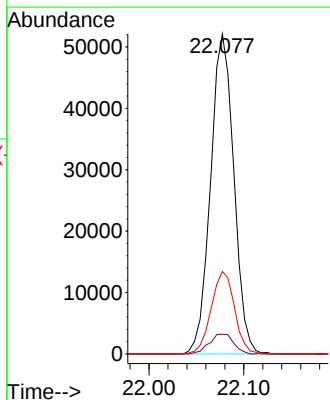
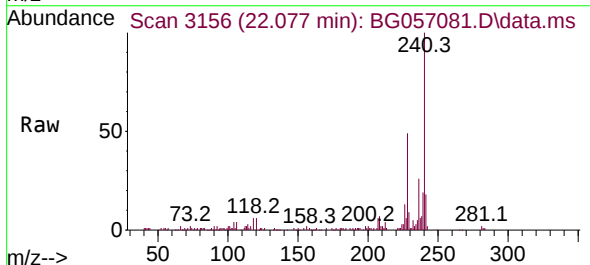
Manual Integrations
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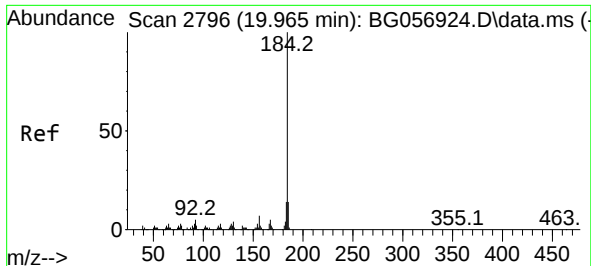
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

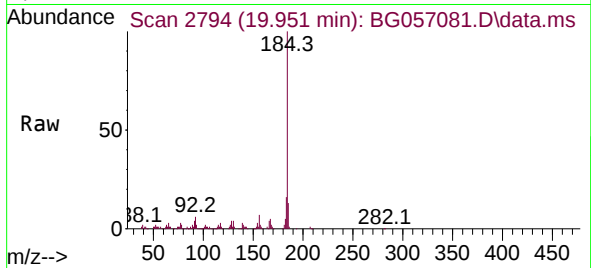
Tgt Ion:240 Resp: 88829
Ion Ratio Lower Upper
240 100
120 6.2 3.8 5.6#
236 25.8 21.0 31.6





#77
Benzidine
Concen: 68.652 ng
RT: 19.951 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

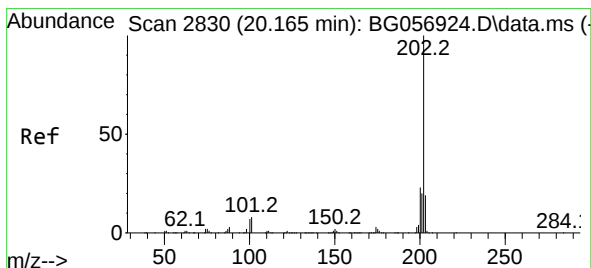
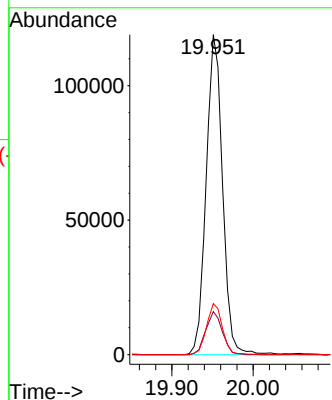
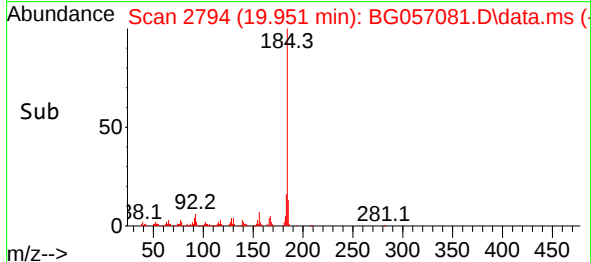
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



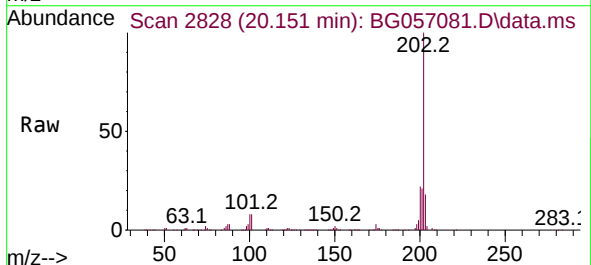
Tgt Ion:184 Resp: 166687
Ion Ratio Lower Upper
184 100
185 13.4 11.0 16.4
183 15.9 11.4 17.0

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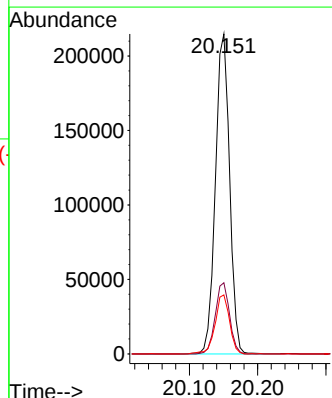
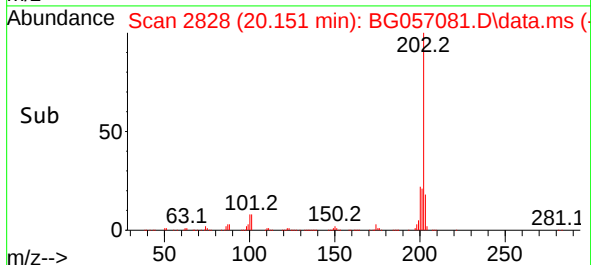
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

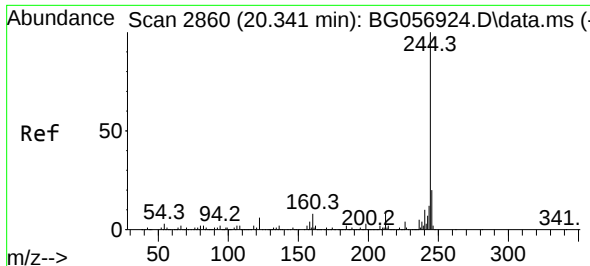


#78
Pyrene
Concen: 50.038 ng
RT: 20.151 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06



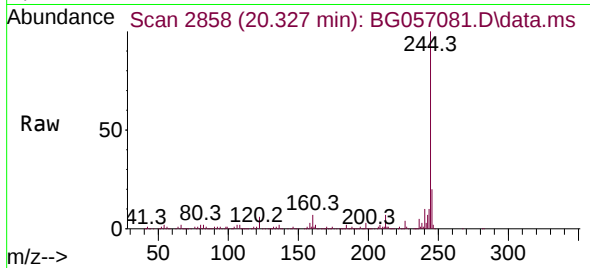
Tgt Ion:202 Resp: 307429
Ion Ratio Lower Upper
202 100
200 22.2 18.7 28.1
203 18.4 15.4 23.2





#79
Terphenyl-d14
Concen: 82.316 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

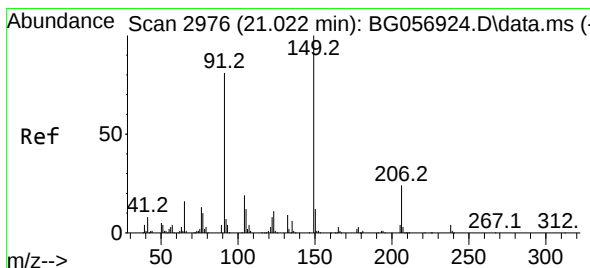
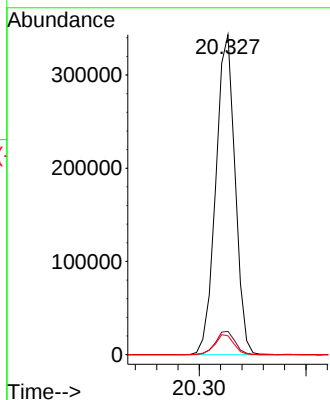
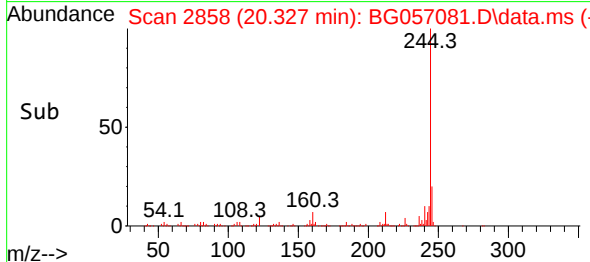
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:244 Resp: 432114
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 5.9 5.0 7.4

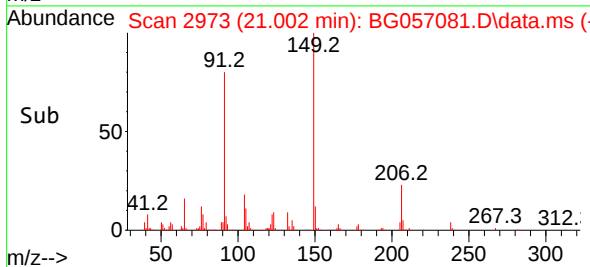
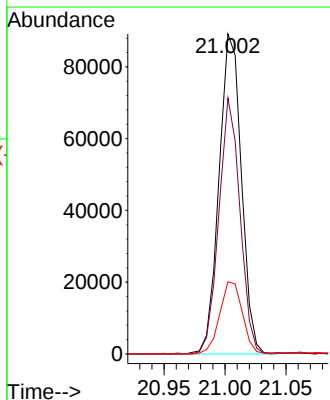
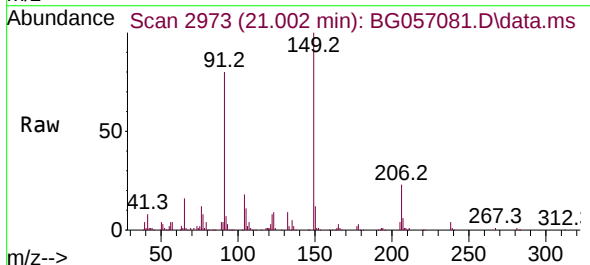
Manual Integrations
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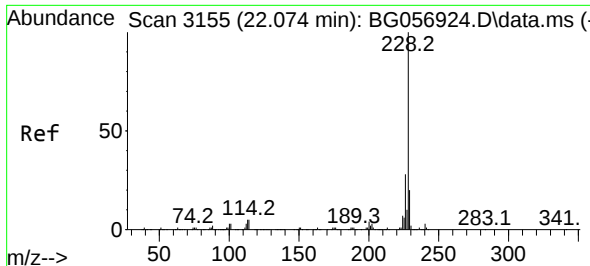
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#80
Butylbenzylphthalate
Concen: 53.717 ng
RT: 21.002 min Scan# 2973
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

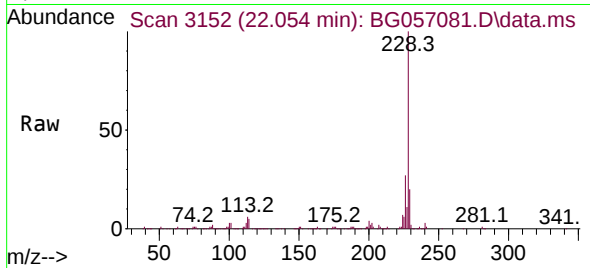
Tgt Ion:149 Resp: 113570
Ion Ratio Lower Upper
149 100
91 80.0 64.4 96.6
206 22.5 18.9 28.3





#81
Benzo(a)anthracene
Concen: 49.338 ng
RT: 22.054 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

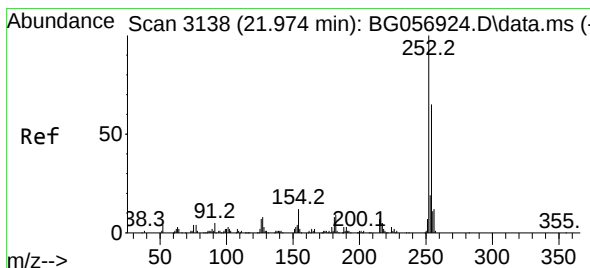
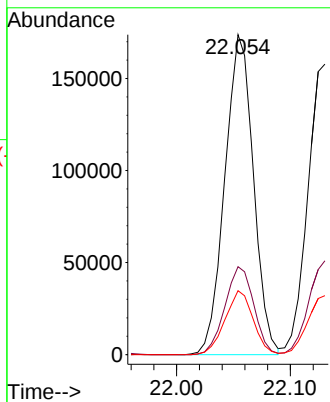
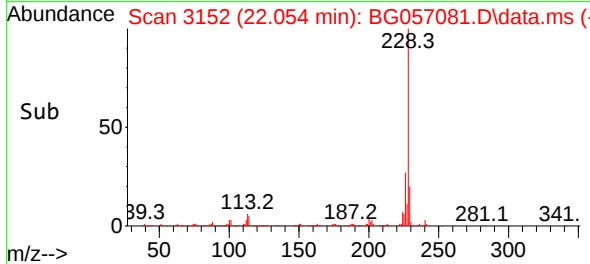
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:228 Resp: 303279
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 20.0 16.1 24.1

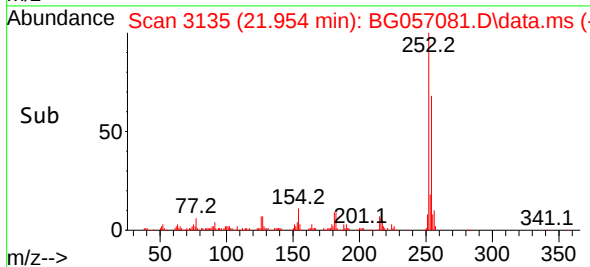
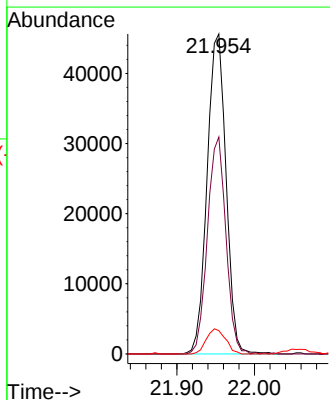
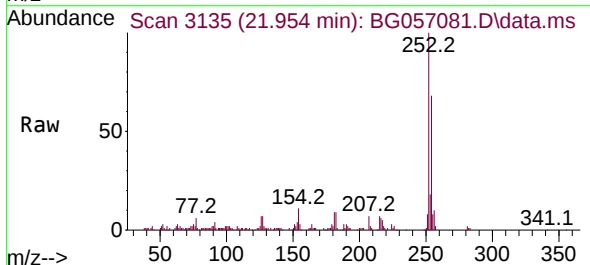
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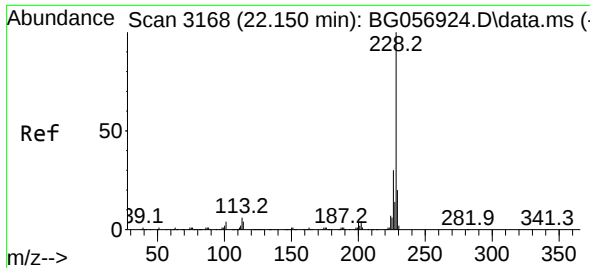
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.312 ng
RT: 21.954 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

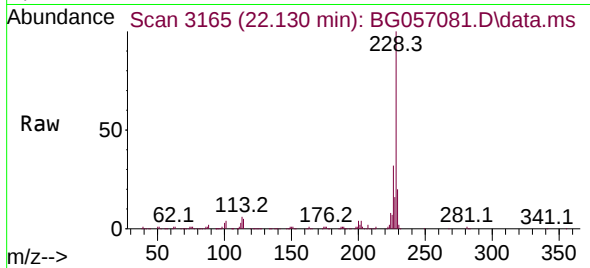
Tgt Ion:252 Resp: 77449
Ion Ratio Lower Upper
252 100
254 67.8 51.7 77.5
126 7.3 5.6 8.4





#83
Chrysene
Concen: 47.561 ng
RT: 22.130 min Scan# 3165
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

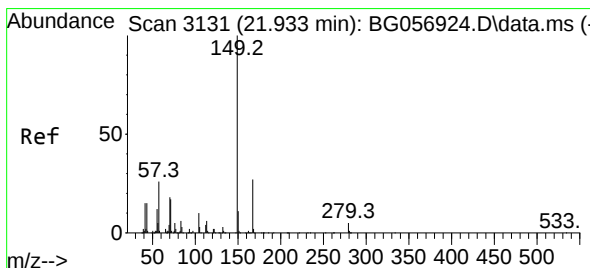
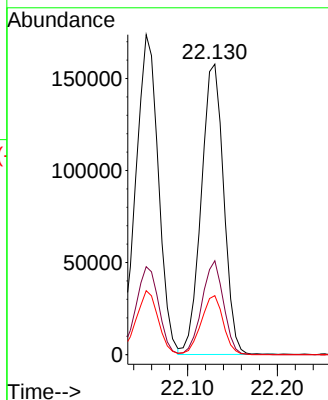
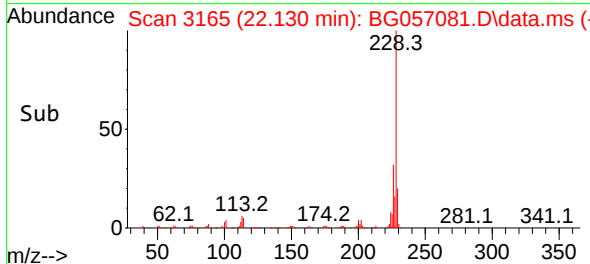
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:228 Resp: 273740
Ion Ratio Lower Upper
228 100
226 32.3 24.1 36.1
229 20.3 15.6 23.4

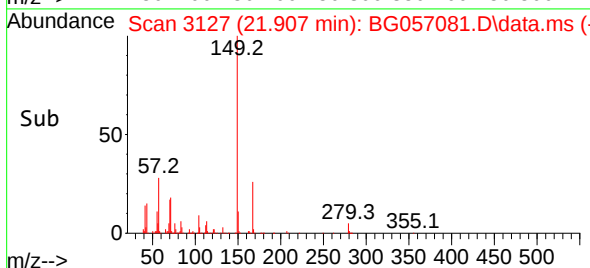
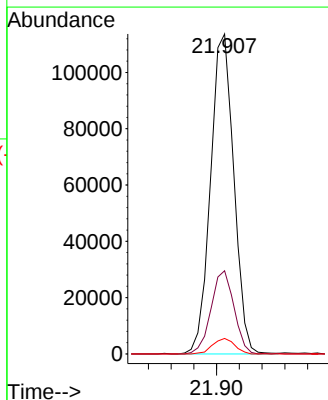
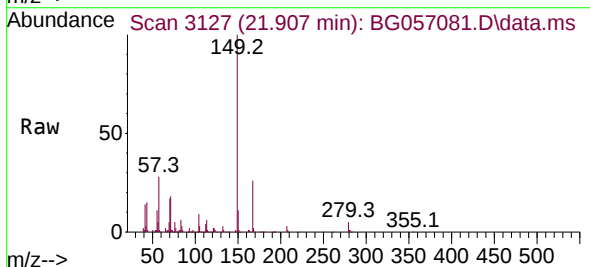
Manual Integrations
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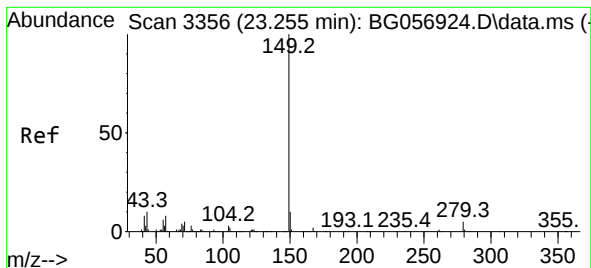
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.746 ng
RT: 21.907 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Tgt Ion:149 Resp: 161479
Ion Ratio Lower Upper
149 100
167 26.0 21.4 32.2
279 4.8 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 53.388 ng

RT: 23.217 min Scan# 3356

Delta R.T. -0.003 min

Lab File: BG057081.D

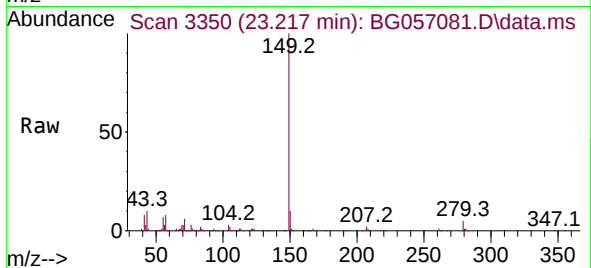
Acq: 13 Apr 2023 14:06

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD



Tgt Ion:149 Resp: 275434

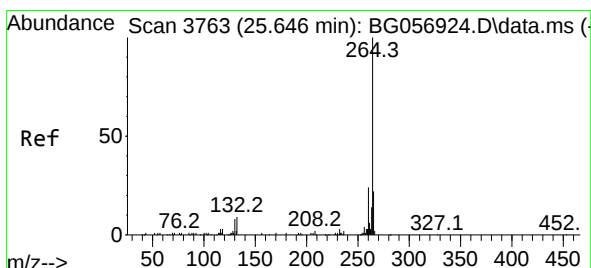
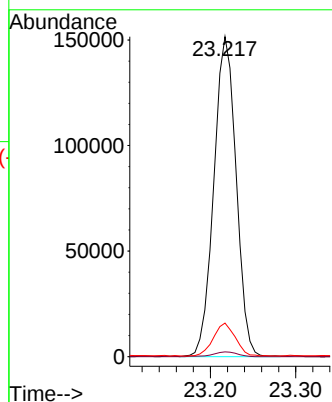
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.1	7.9	11.9

Manual Integrations

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Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.608 min Scan# 3757

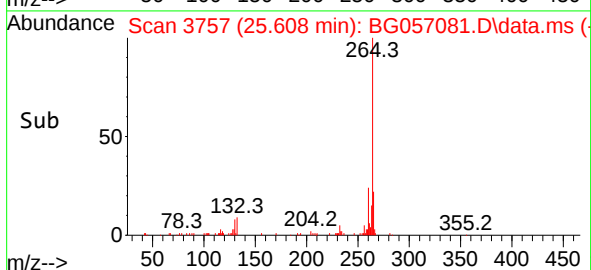
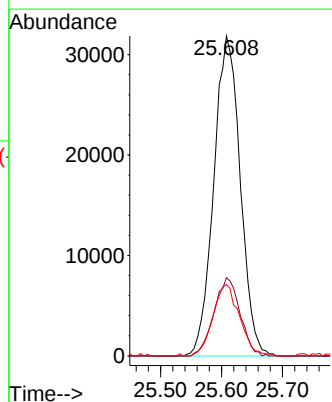
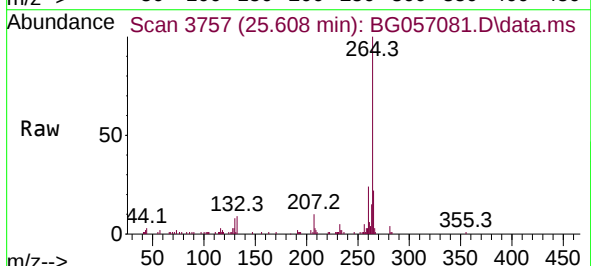
Delta R.T. -0.004 min

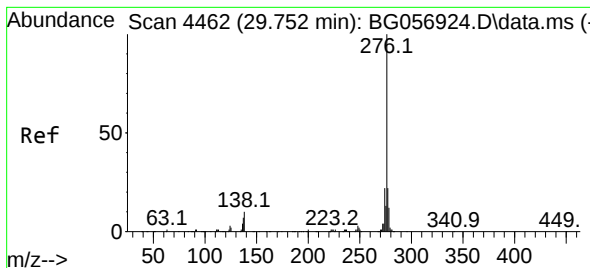
Lab File: BG057081.D

Acq: 13 Apr 2023 14:06

Tgt Ion:264 Resp: 96034

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	22.3	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.669 ng

RT: 29.697 min Scan# 4462

Delta R.T. -0.015 min

Lab File: BG057081.D

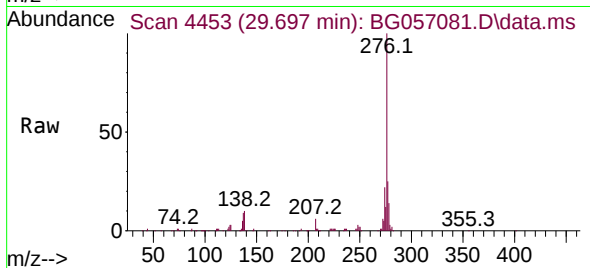
Acq: 13 Apr 2023 14:06

Instrument :

BNA_G

ClientSampleId :

IDW-SO-VB3-041123MSD



Tgt Ion:276 Resp: 366711

Ion Ratio Lower Upper

276 100

138 7.2 7.7 11.5

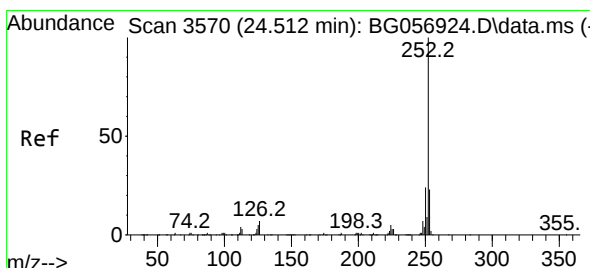
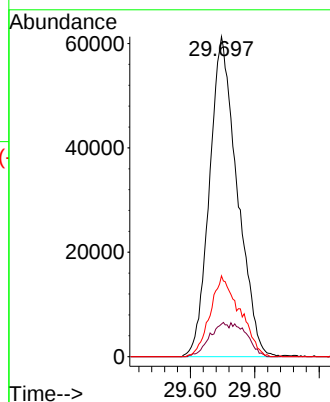
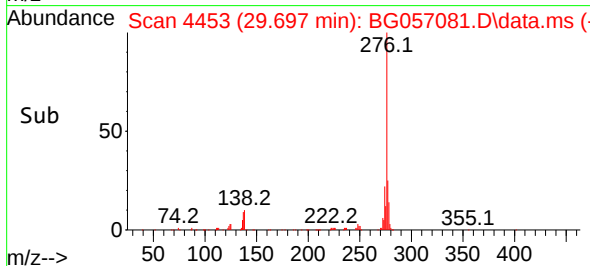
277 26.9 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/14/2023

Supervised By :Jagrut Upadhyay 04/14/2023



#88

Benzo(b)fluoranthene

Concen: 51.640 ng

RT: 24.480 min Scan# 3565

Delta R.T. -0.004 min

Lab File: BG057081.D

Acq: 13 Apr 2023 14:06

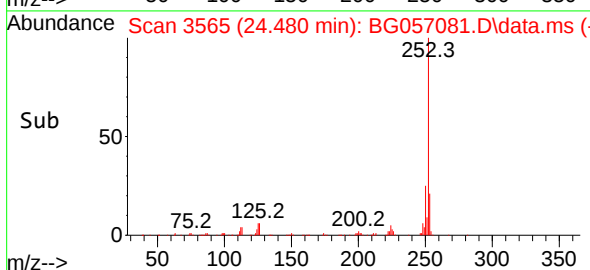
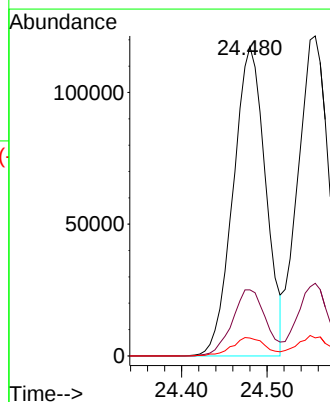
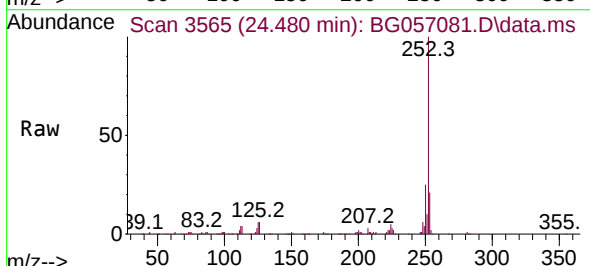
Tgt Ion:252 Resp: 310112

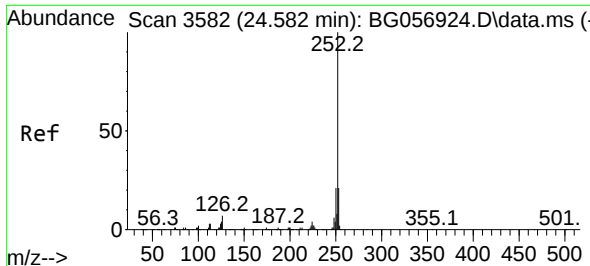
Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

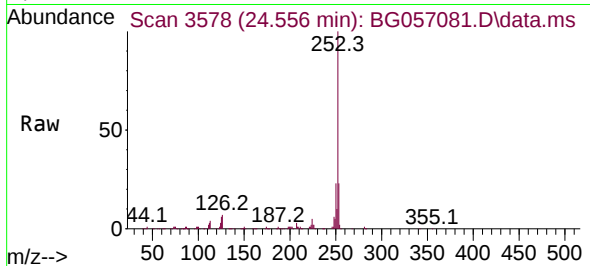
125 5.8 4.2 6.4





#89
Benzo(k)fluoranthene
Concen: 51.112 ng
RT: 24.556 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

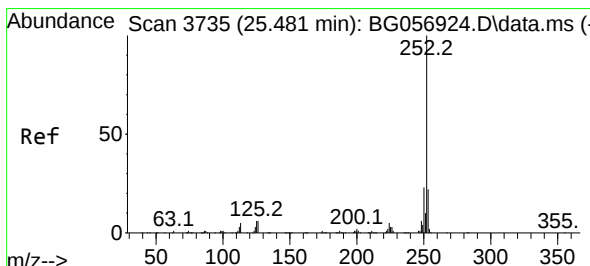
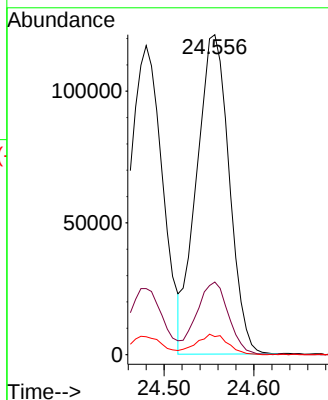
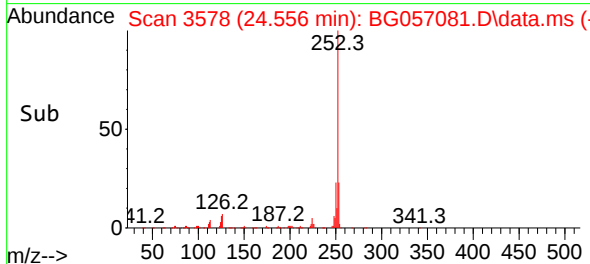
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion:252 Resp: 306431
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 5.6 3.8 5.6

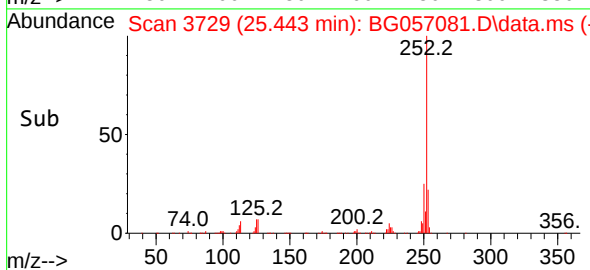
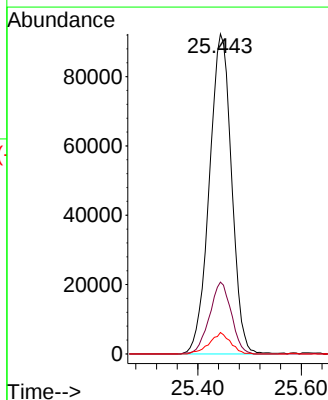
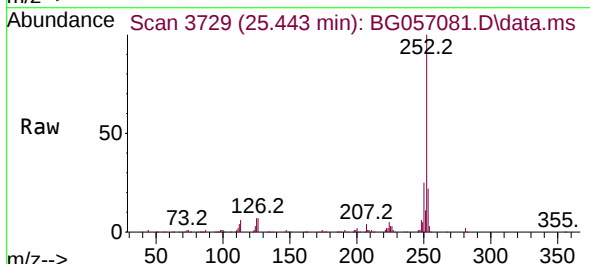
Manual Integrations
APPROVED

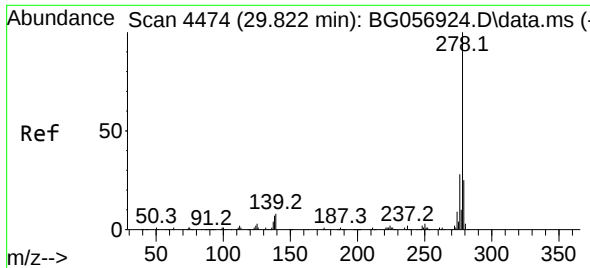
Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023



#90
Benzo(a)pyrene
Concen: 46.784 ng
RT: 25.443 min Scan# 3729
Delta R.T. -0.009 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

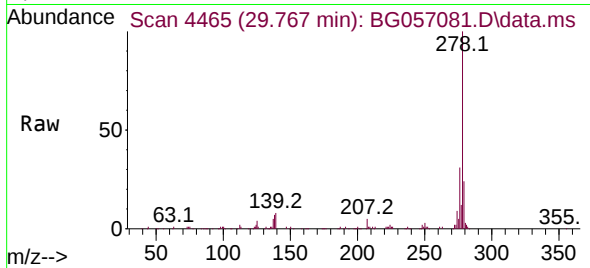
Tgt Ion:252 Resp: 276083
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 6.7 4.5 6.7





#91
Dibenzo(a,h)anthracene
Concen: 52.037 ng
RT: 29.767 min Scan# 4474
Delta R.T. 0.002 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

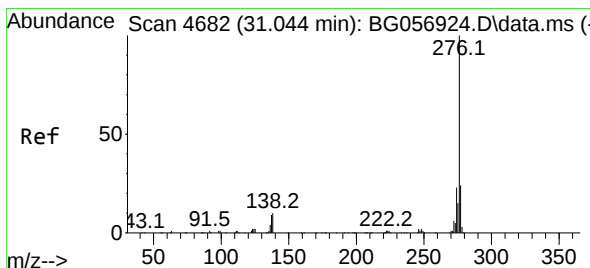
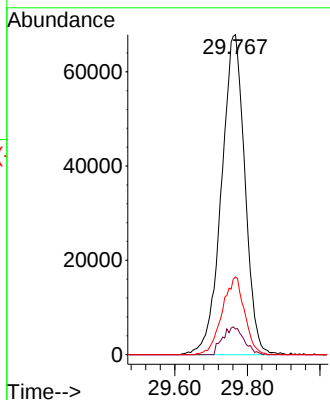
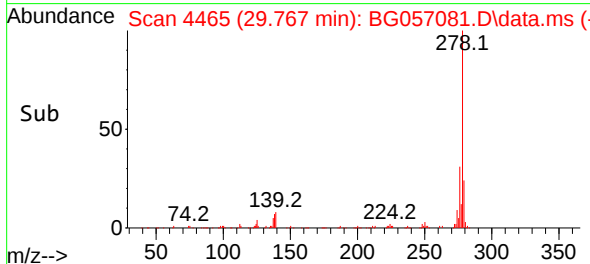
Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD



Tgt Ion: 278 Resp: 303580
Ion Ratio Lower Upper
278 100
139 8.0 6.4 9.6
279 24.3 20.2 30.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/14/2023
Supervised By : Jagrut Upadhyay 04/14/2023



#92
Benzo(g,h,i)perylene
Concen: 50.778 ng
RT: 30.989 min Scan# 4673
Delta R.T. -0.004 min
Lab File: BG057081.D
Acq: 13 Apr 2023 14:06

Tgt Ion: 276 Resp: 290072
Ion Ratio Lower Upper
276 100
277 22.8 19.1 28.7
138 11.8 8.2 12.2

