

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057413.D
 Acq On : 12 May 2023 17:33
 Operator : CG/JU
 Sample : 02643-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023MS

Quant Time: May 13 03:16:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	15134	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	63284	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	50932	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	130351	20.000	ng	0.00
76) Chrysene-d12	22.031	240	114677	20.000	ng	0.00
86) Perylene-d12	25.538	264	124107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	63444	71.711	ng	0.00
7) Phenol-d6	7.503	99	94614	70.425	ng	0.00
23) Nitrobenzene-d5	9.542	82	74878	49.660	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	70092	96.990	ng	0.00
45) 2-Fluorobiphenyl	13.607	172	216112	57.147	ng	0.00
79) Terphenyl-d14	20.286	244	442246	62.934	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	7944	21.716	ng	# 92
3) Pyridine	4.108	79	13385	11.386	ng	96
4) n-Nitrosodimethylamine	4.008	42	11876	21.497	ng	94
6) Aniline	7.680	93	26456	15.523	ng	94
8) 2-Chlorophenol	7.926	128	24877	26.611	ng	97
9) Benzaldehyde	7.486	77	15174	17.343	ng	91
10) Phenol	7.533	94	30202	23.061	ng	100
11) bis(2-Chloroethyl)ether	7.762	93	23437	23.732	ng	97
12) 1,3-Dichlorobenzene	8.255	146	26366	25.554	ng	95
13) 1,4-Dichlorobenzene	8.402	146	27756	26.781	ng	98
14) 1,2-Dichlorobenzene	8.725	146	27256	27.242	ng	94
15) Benzyl Alcohol	8.602	79	29372	26.243	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.884	45	29028m	23.321	ng	
17) 2-Methylphenol	8.802	107	23151	24.523	ng	98
18) Hexachloroethane	9.459	117	9351	25.002	ng	95
19) n-Nitroso-di-n-propyla...	9.166	70	25477	24.870	ng	98
20) 3+4-Methylphenols	9.130	107	32049	24.793	ng	97
22) Acetophenone	9.195	105	45088	24.893	ng	# 95
24) Nitrobenzene	9.589	77	35333	23.217	ng	94
25) Isophorone	10.100	82	71877	24.583	ng	98
26) 2-Nitrophenol	10.305	139	13601	23.348	ng	96
27) 2,4-Dimethylphenol	10.346	122	27692	27.148	ng	98
28) bis(2-Chloroethoxy)met...	10.576	93	36943	25.221	ng	97
29) 2,4-Dichlorophenol	10.846	162	30418	28.116	ng	99
30) 1,2,4-Trichlorobenzene	11.057	180	31831	25.509	ng	95
31) Naphthalene	11.251	128	85925	25.397	ng	97
32) Benzoic acid	10.464	122	11100m	21.734	ng	
33) 4-Chloroaniline	11.357	127	26882	17.693	ng	96
34) Hexachlorobutadiene	11.521	225	22468	24.266	ng	97
35) Caprolactam	12.121	113	9912	26.821	ng	93
36) 4-Chloro-3-methylphenol	12.455	107	35051	28.509	ng	96
37) 2-Methylnaphthalene	12.831	142	69968	26.303	ng	96
38) 1-Methylnaphthalene	13.049	142	65934	26.297	ng	99
40) 1,2,4,5-Tetrachloroben...	13.190	216	49583	27.422	ng	99
41) Hexachlorocyclopentadiene	13.166	237	24274	32.027	ng	99
43) 2,4,6-Trichlorophenol	13.425	196	31005	28.146	ng	96

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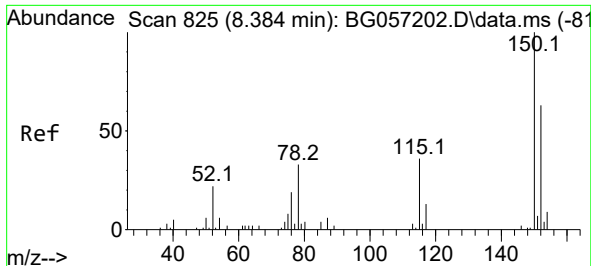
Manual Integrations
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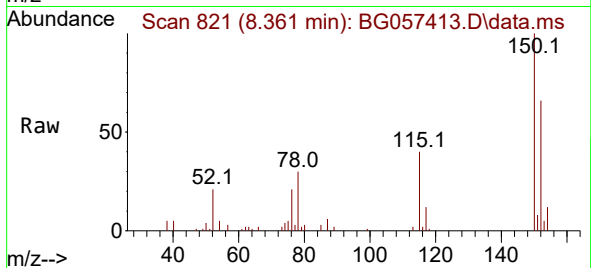
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	34714	26.790	ng	96
46) 1,1'-Biphenyl	13.818	154	104291	27.595	ng	97
47) 2-Chloronaphthalene	13.871	162	79015	28.115	ng	96
48) 2-Nitroaniline	14.065	65	28454	29.776	ng	98
49) Acenaphthylene	14.705	152	128525	28.149	ng	99
50) Dimethylphthalate	14.417	163	122196	29.196	ng	97
51) 2,6-Dinitrotoluene	14.547	165	26205	30.665	ng	89
52) Acenaphthene	15.046	154	79153	27.743	ng	99
53) 3-Nitroaniline	14.882	138	20415	23.846	ng	87
54) 2,4-Dinitrophenol	15.093	184	23264	46.175	ng	99
55) Dibenzofuran	15.375	168	137126	28.605	ng	99
56) 4-Nitrophenol	15.187	139	27279	47.909	ng	93
57) 2,4-Dinitrotoluene	15.334	165	34580	28.314	ng	98
58) Fluorene	16.021	166	117421	29.737	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.598	232	34610m	29.461	ng	
60) Diethylphthalate	15.763	149	124509	29.293	ng	98
61) 4-Chlorophenyl-phenyle...	15.998	204	69509	29.221	ng	98
62) 4-Nitroaniline	16.039	138	26120	30.244	ng	97
63) Azobenzene	16.291	77	111560	27.203	ng	98
65) 4,6-Dinitro-2-methylph...	16.103	198	20272	26.048	ng	98
66) n-Nitrosodiphenylamine	16.215	169	105450	29.785	ng	98
67) 4-Bromophenyl-phenylether	16.891	248	46672	29.330	ng	99
68) Hexachlorobenzene	17.026	284	51272	33.157	ng	95
69) Atrazine	17.149	200	45512	33.700	ng	96
70) Pentachlorophenol	17.372	266	46609	52.300	ng	95
71) Phenanthrene	17.760	178	203352	30.445	ng	99
72) Anthracene	17.854	178	206011	30.059	ng	99
73) Carbazole	18.118	167	180988	31.368	ng	99
74) Di-n-butylphthalate	18.635	149	202225	30.462	ng	99
75) Fluoranthene	19.751	202	249185	29.995	ng	99
77) Benzidine	19.922	184	6099	2.379	ng	97
78) Pyrene	20.116	202	251983	30.239	ng	99
80) Butylbenzylphthalate	20.962	149	84740	32.049	ng	98
81) Benzo(a)anthracene	22.007	228	247566	30.301	ng	98
82) 3,3'-Dichlorobenzidine	21.901	252	78731	30.084	ng	100
83) Chrysene	22.078	228	226950	29.523	ng	100
84) Bis(2-ethylhexyl)phtha...	21.854	149	122364	31.279	ng	100
85) Di-n-octyl phthalate	23.147	149	206386	31.645	ng	97
87) Indeno(1,2,3-cd)pyrene	29.591	276	274013	30.294	ng	99
88) Benzo(b)fluoranthene	24.410	252	248315	30.608	ng	98
89) Benzo(k)fluoranthene	24.486	252	246123	29.855	ng	99
90) Benzo(a)pyrene	25.367	252	218528	27.571	ng	98
91) Dibenzo(a,h)anthracene	29.638	278	229228	30.431	ng	99
92) Benzo(g,h,i)perylene	30.866	276	217735	29.603	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

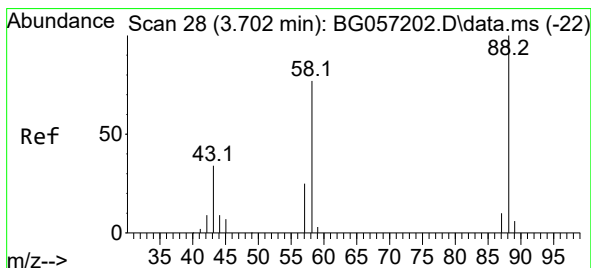
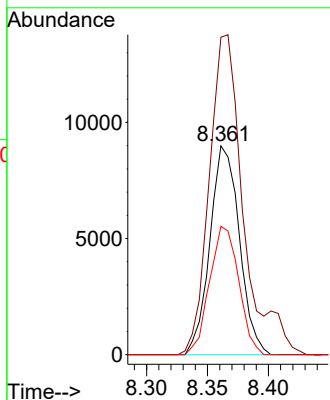
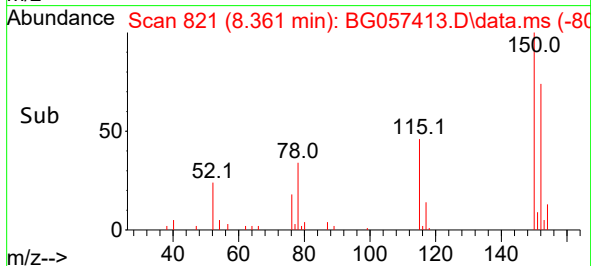
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:152 Resp: 15134
Ion Ratio Lower Upper
152 100
150 152.0 126.2 189.4
115 61.5 45.0 67.4

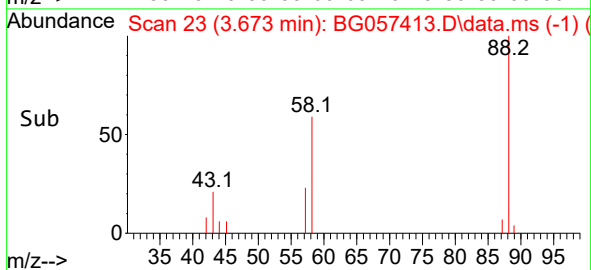
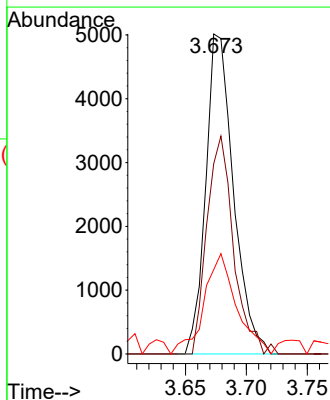
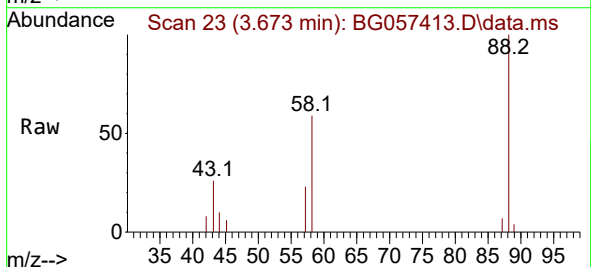
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 21.716 ng
RT: 3.673 min Scan# 23
Delta R.T. -0.008 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

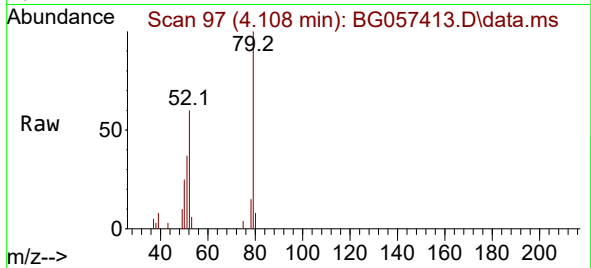
Tgt Ion: 88 Resp: 7944
Ion Ratio Lower Upper
88 100
58 65.4 57.1 85.7
43 36.7 24.4 36.6#





#3
Pyridine
Concen: 11.386 ng
RT: 4.108 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

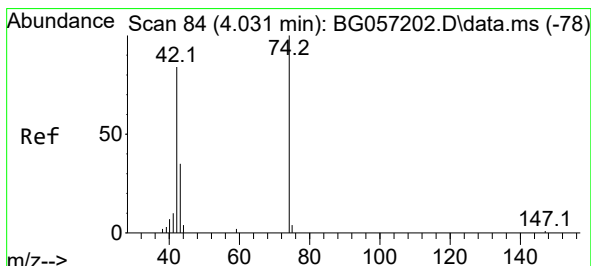
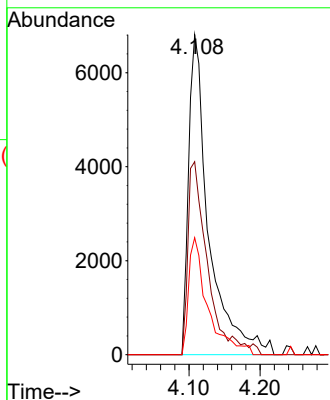
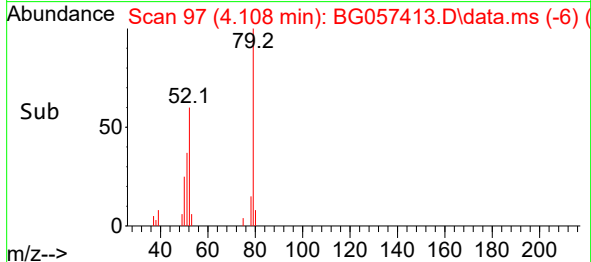
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion: 79 Resp: 13385
Ion Ratio Lower Upper
79 100
52 60.3 51.4 77.0
51 36.6 28.0 42.0

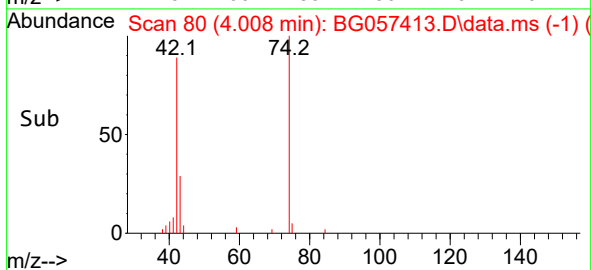
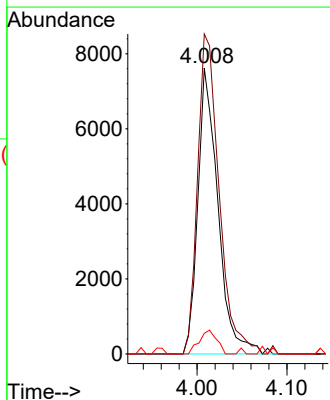
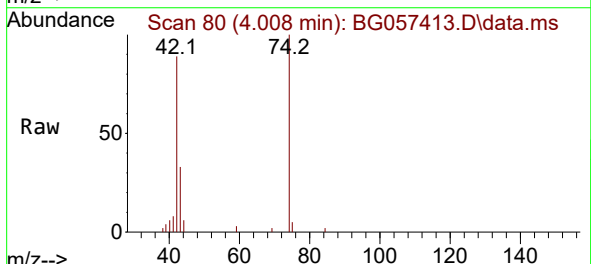
Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 05/16/2023



#4
n-Nitrosodimethylamine
Concen: 21.497 ng
RT: 4.008 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

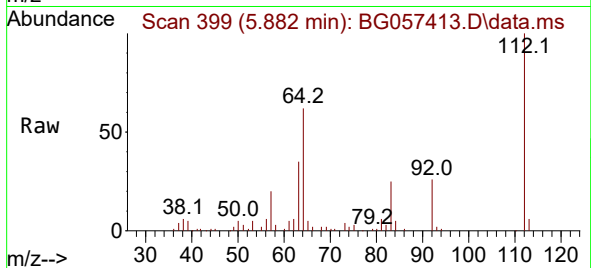
Tgt Ion: 42 Resp: 11876
Ion Ratio Lower Upper
42 100
74 111.9 95.1 142.7
44 7.2 5.8 8.8





#5
2-Fluorophenol
Concen: 71.711 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

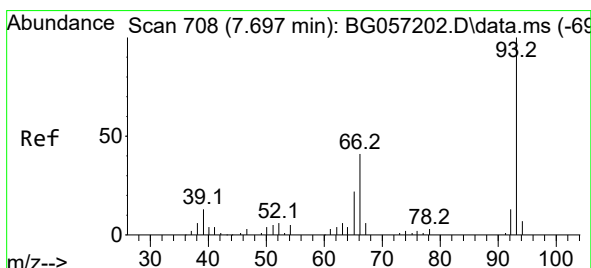
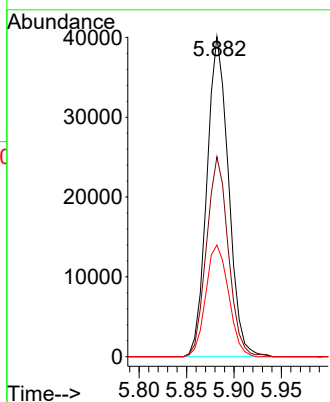
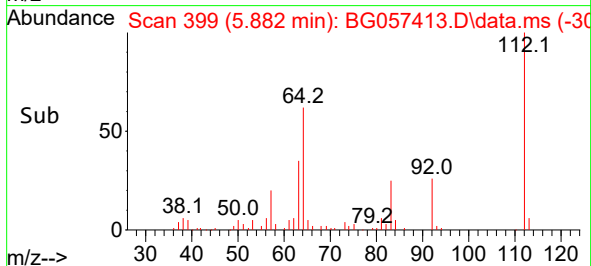
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:112 Resp: 6344
Ion Ratio Lower Upper
112 100
64 62.4 49.4 74.2
63 34.9 31.6 47.4

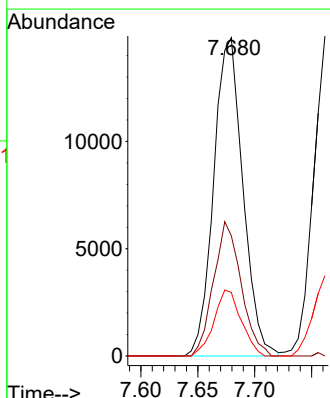
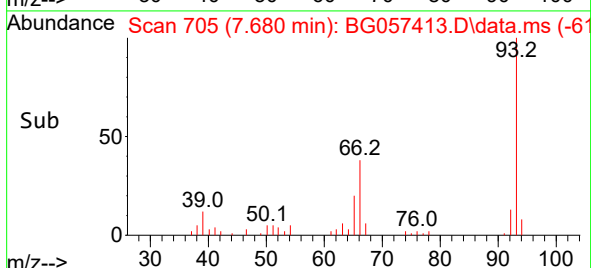
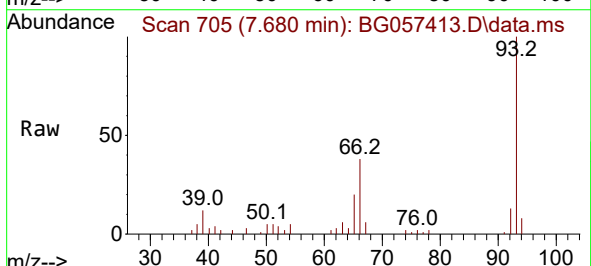
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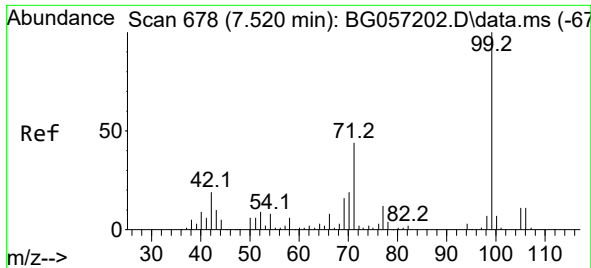
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 15.523 ng
RT: 7.680 min Scan# 705
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

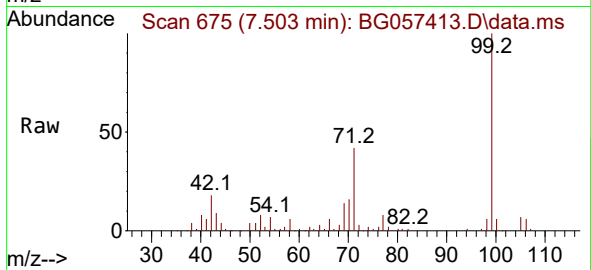
Tgt Ion: 93 Resp: 26456
Ion Ratio Lower Upper
93 100
66 37.8 33.0 49.6
65 20.0 18.0 27.0





#7
Phenol-d6
Concen: 70.425 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

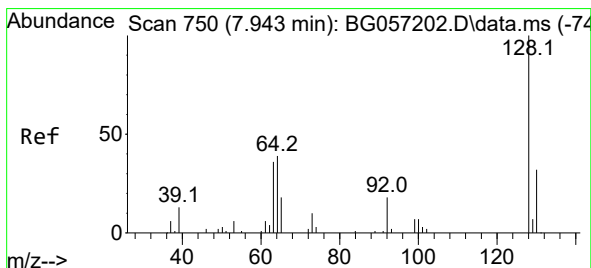
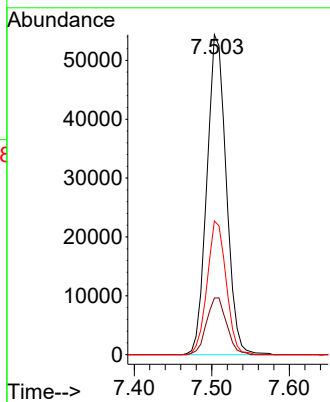
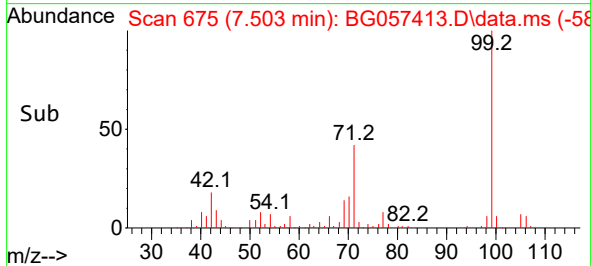
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion: 99 Resp: 94614
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 41.8 35.2 52.8

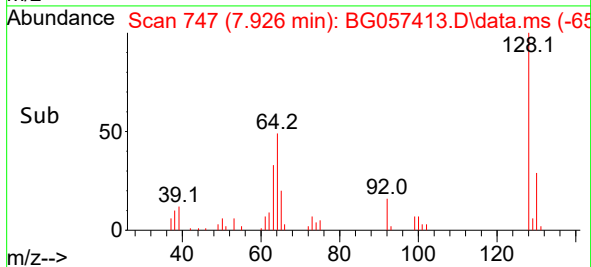
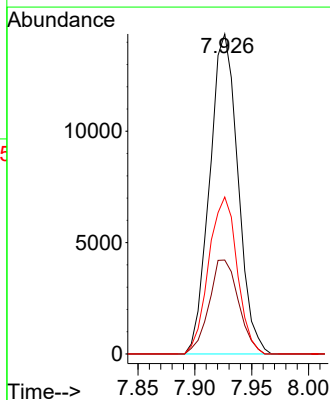
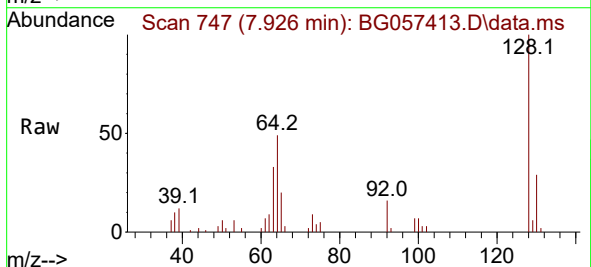
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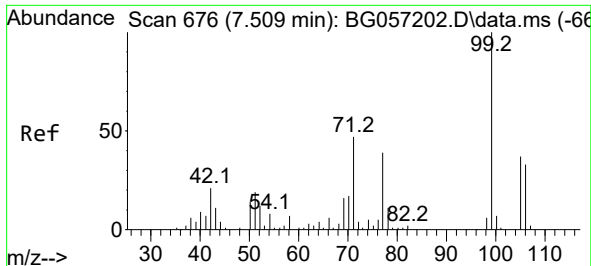
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#8
2-Chlorophenol
Concen: 26.611 ng
RT: 7.926 min Scan# 747
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

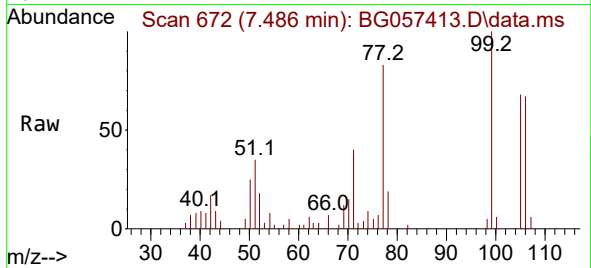
Tgt Ion:128 Resp: 24877
Ion Ratio Lower Upper
128 100
130 29.4 12.2 52.2
64 49.0 28.4 68.4





#9
Benzaldehyde
Concen: 17.343 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

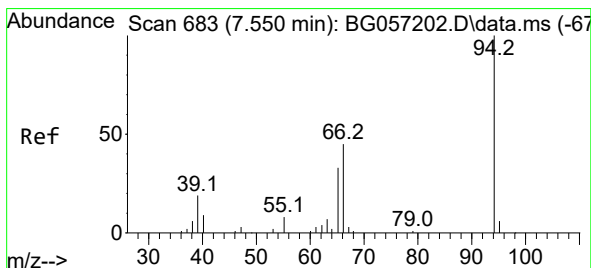
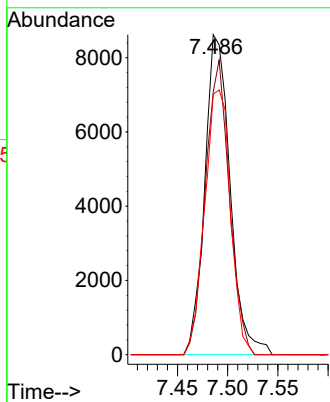
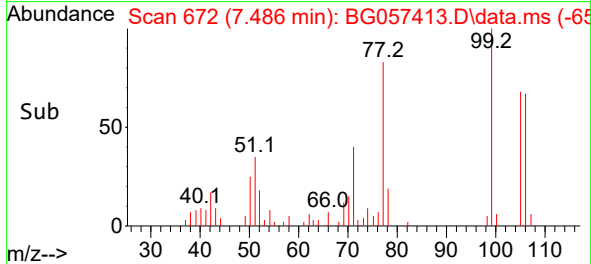
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



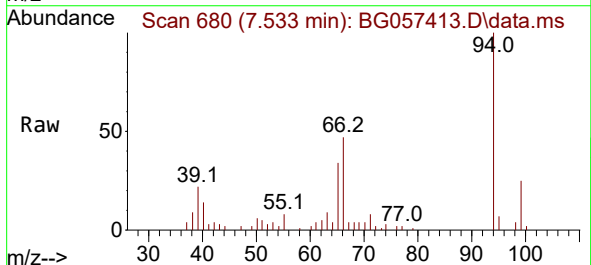
Tgt Ion: 77 Resp: 15174
Ion Ratio Lower Upper
77 100
105 82.1 74.6 114.6
106 81.4 66.3 106.3

Manual Integrations
APPROVED

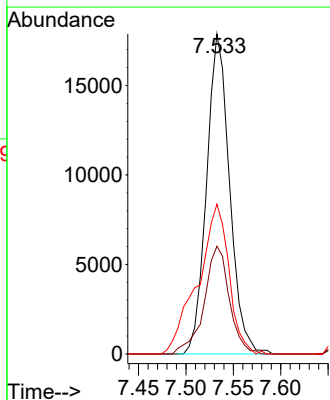
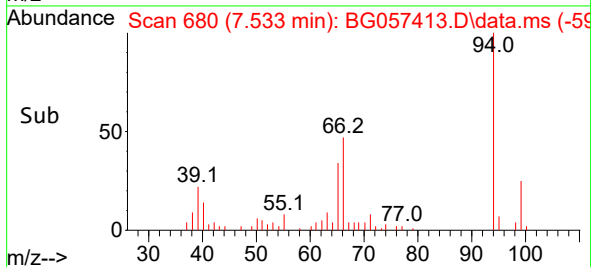
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

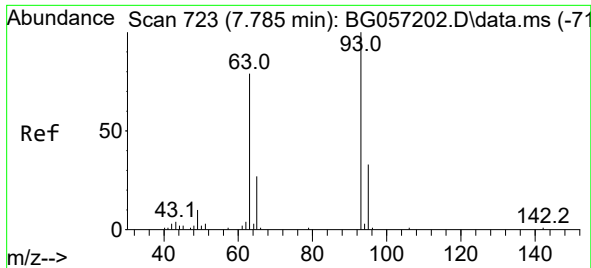


#10
Phenol
Concen: 23.061 ng
RT: 7.533 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



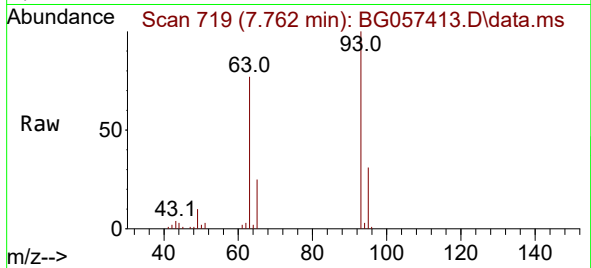
Tgt Ion: 94 Resp: 30202
Ion Ratio Lower Upper
94 100
65 33.7 13.5 53.5
66 46.8 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 23.732 ng
RT: 7.762 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

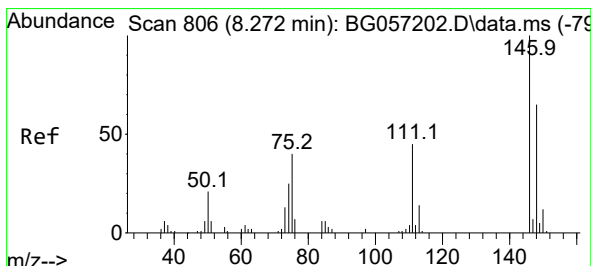
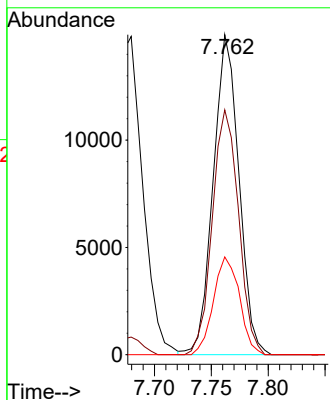
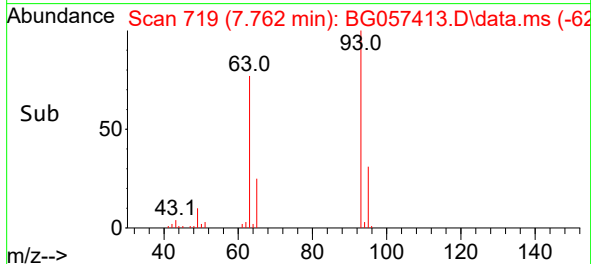
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



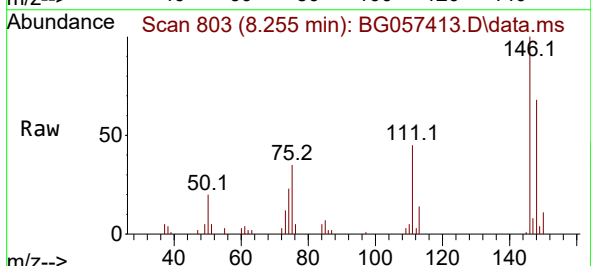
Tgt Ion: 93 Resp: 2343
Ion Ratio Lower Upper
93 100
63 76.5 58.6 98.6
95 30.5 12.2 52.2

Manual Integrations
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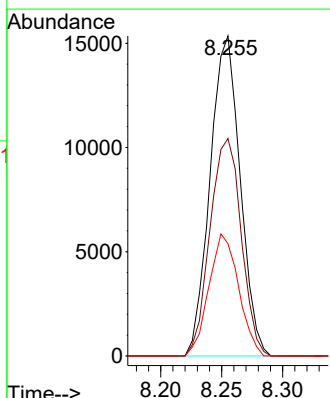
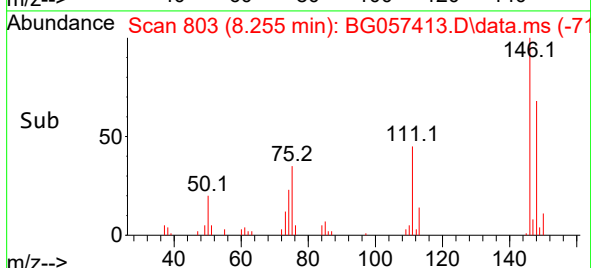
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

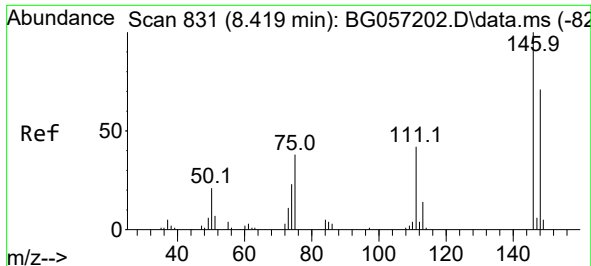


#12
1,3-Dichlorobenzene
Concen: 25.554 ng
RT: 8.255 min Scan# 803
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



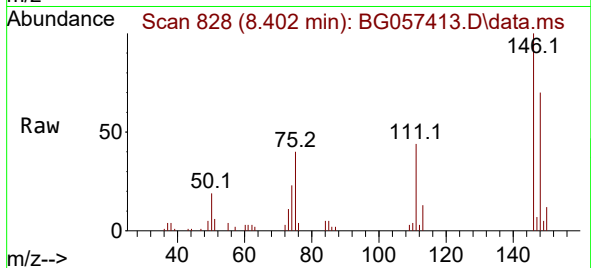
Tgt Ion:146 Resp: 26366
Ion Ratio Lower Upper
146 100
148 68.0 52.2 78.2
75 35.1 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 26.781 ng
RT: 8.402 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

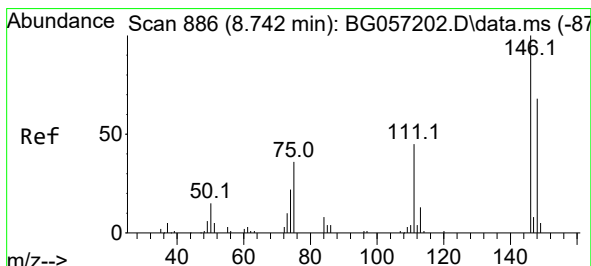
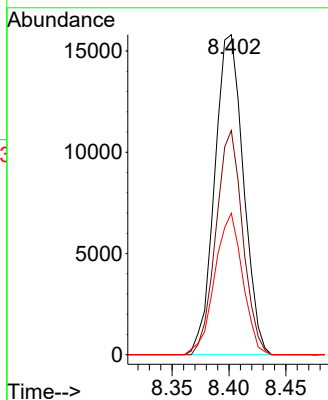
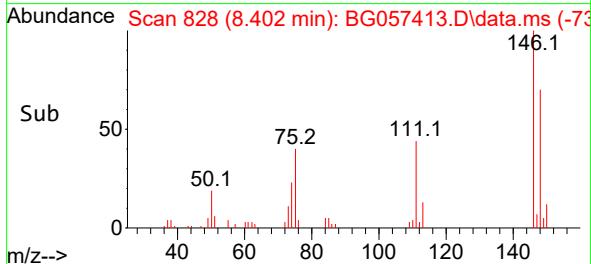
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



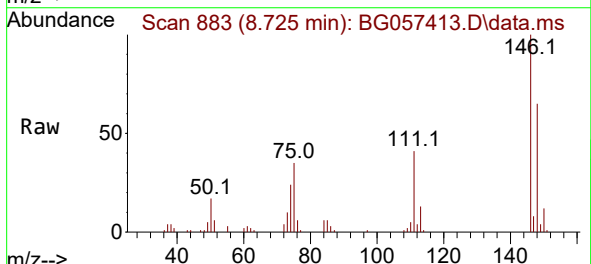
Tgt Ion:146 Resp: 27756
Ion Ratio Lower Upper
146 100
148 70.0 56.4 84.6
111 44.2 33.8 50.6

Manual Integrations
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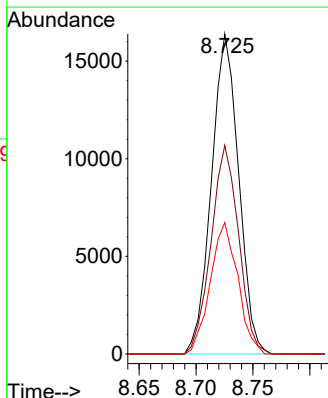
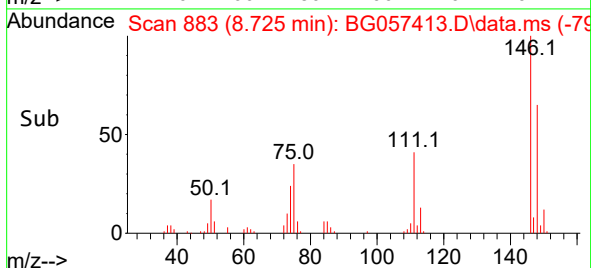
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

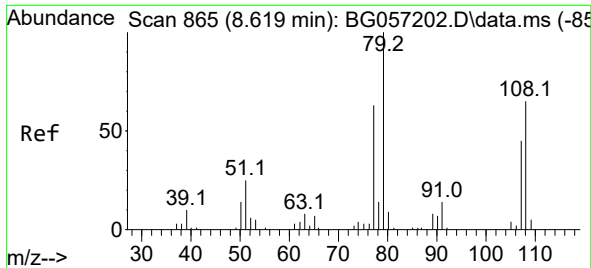


#14
1,2-Dichlorobenzene
Concen: 27.242 ng
RT: 8.725 min Scan# 883
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



Tgt Ion:146 Resp: 27256
Ion Ratio Lower Upper
146 100
148 65.1 54.6 82.0
111 41.0 37.2 55.8





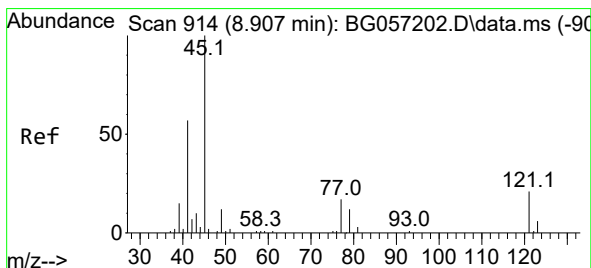
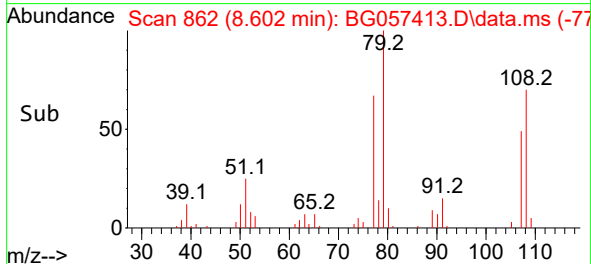
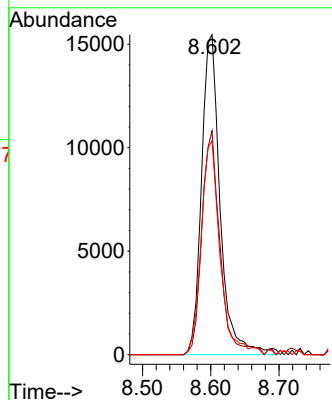
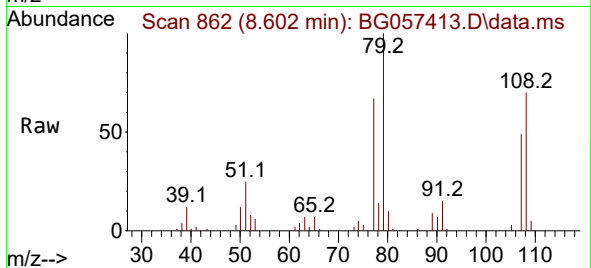
#15
Benzyl Alcohol
Concen: 26.243 ng
RT: 8.602 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS

Tgt Ion: 79 Resp: 29372
Ion Ratio Lower Upper
79 100
108 70.0 52.2 78.2
77 66.8 50.1 75.1

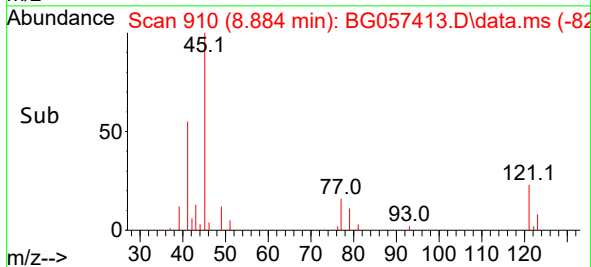
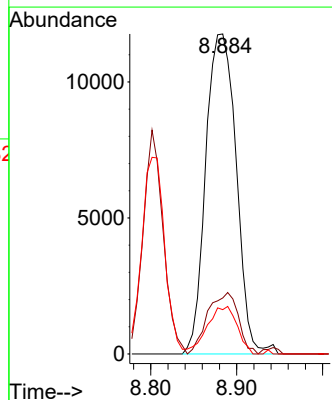
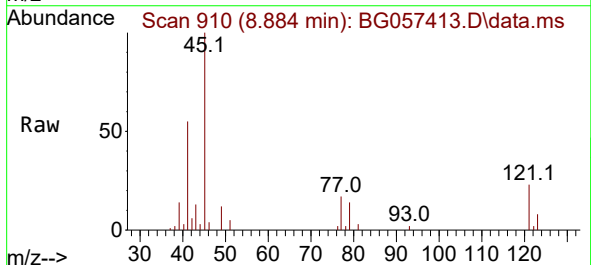
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.321 ng m
RT: 8.884 min Scan# 910
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

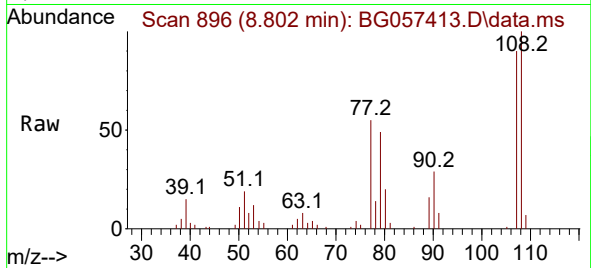
Tgt Ion: 45 Resp: 29028
Ion Ratio Lower Upper
45 100
77 17.5 0.0 38.5
79 13.9 0.0 33.8





#17
2-Methylphenol
Concen: 24.523 ng
RT: 8.802 min Scan# 899
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

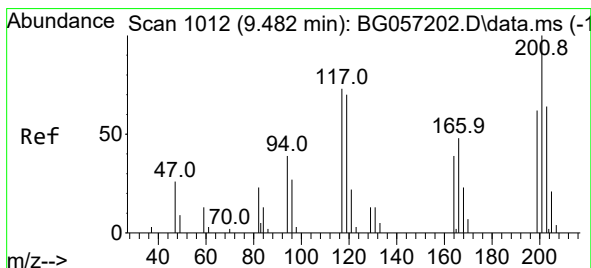
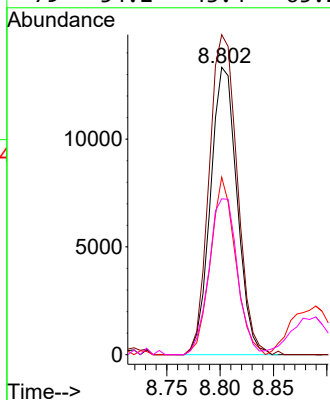
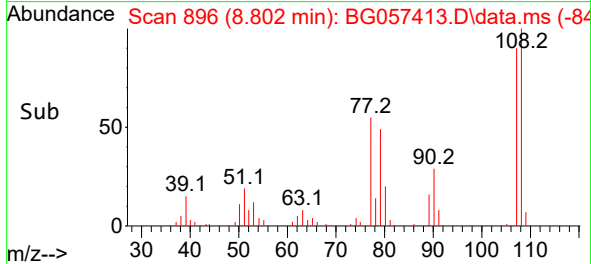
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:	107	Resp:	2315
Ion Ratio	Lower	Upper	
107	100		
108	111.4	89.5	134.3
77	61.7	45.1	67.7
79	54.2	43.4	65.2

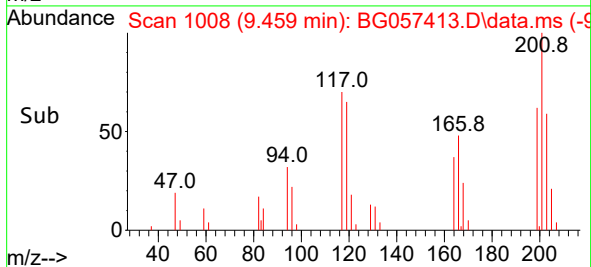
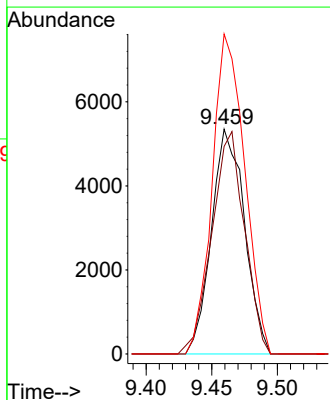
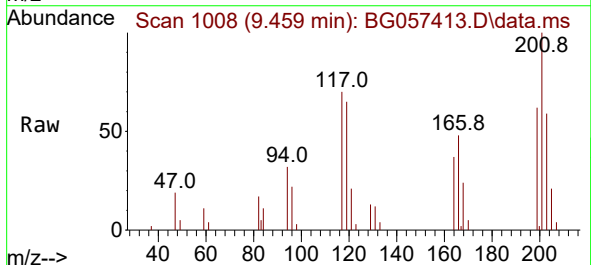
Manual Integrations
APPROVED

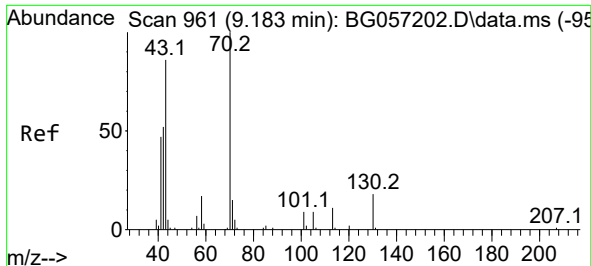
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#18
Hexachloroethane
Concen: 25.002 ng
RT: 9.459 min Scan# 1008
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

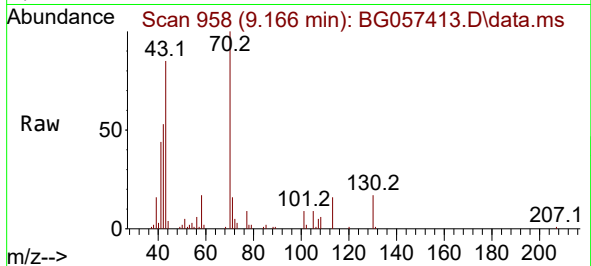
Tgt Ion:	117	Resp:	9351
Ion Ratio	Lower	Upper	
117	100		
119	92.3	76.7	115.1
201	142.3	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 24.870 ng
RT: 9.166 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

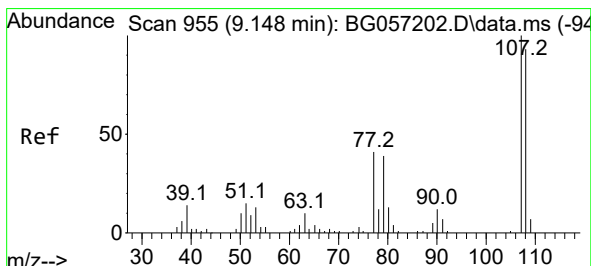
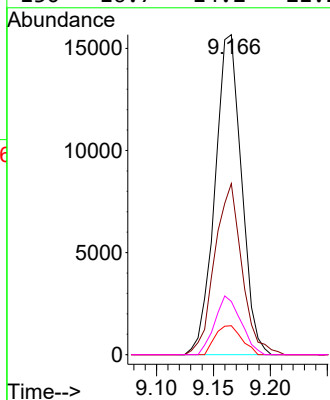
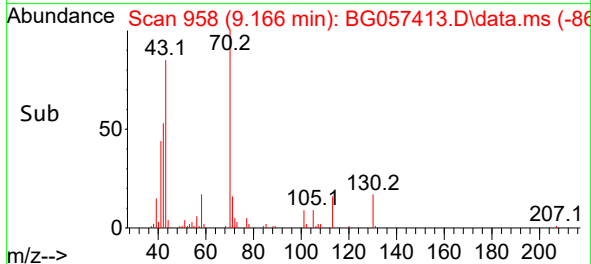
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



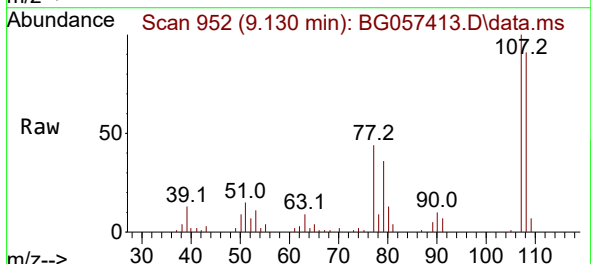
Tgt Ion: 70 Resp: 2547
Ion Ratio Lower Upper
70 100
42 53.4 41.8 62.8
101 9.0 6.8 10.2
130 16.7 14.2 21.2

Manual Integrations
APPROVED

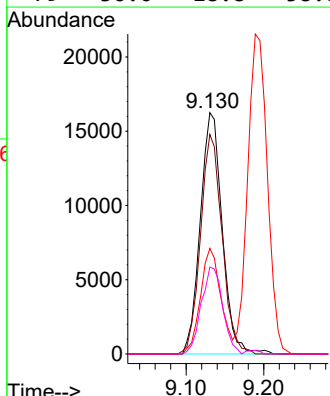
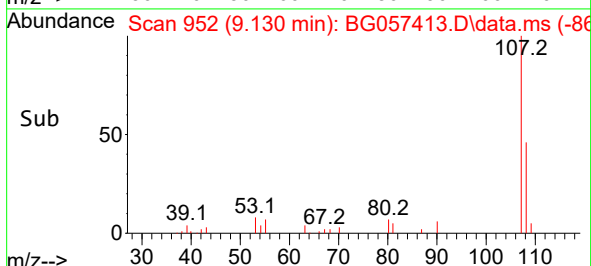
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

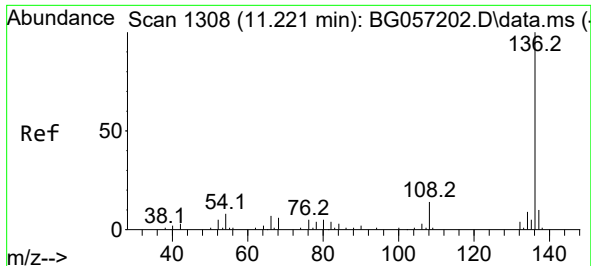


#20
3+4-Methylphenols
Concen: 24.793 ng
RT: 9.130 min Scan# 952
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



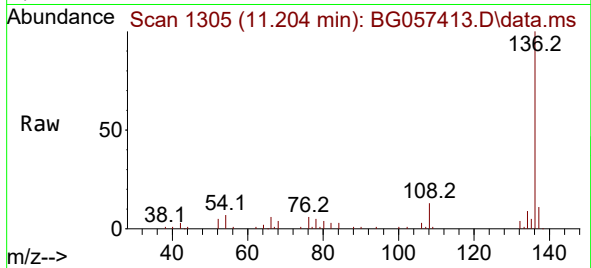
Tgt Ion:107 Resp: 32049
Ion Ratio Lower Upper
107 100
108 91.0 73.5 113.5
77 43.8 21.1 61.1
79 36.0 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

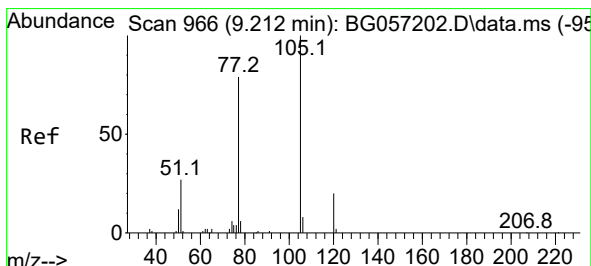
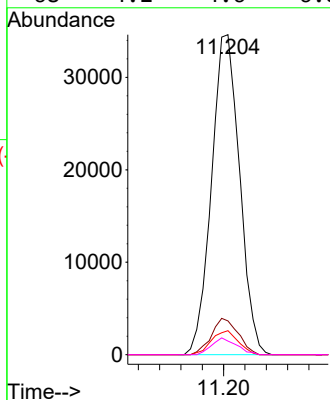
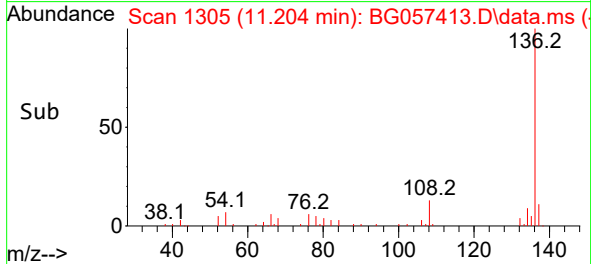
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:136 Resp: 63284
Ion Ratio Lower Upper
136 100
137 10.5 8.3 12.5
54 7.5 6.7 10.1
68 4.2 4.6 6.8#

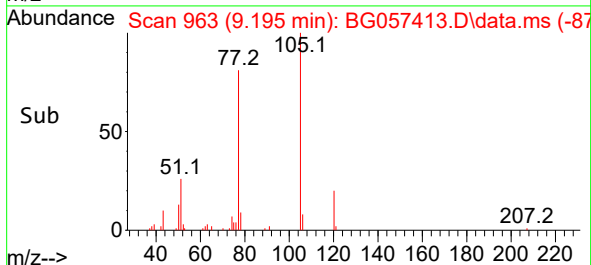
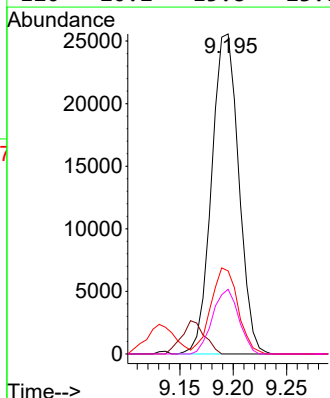
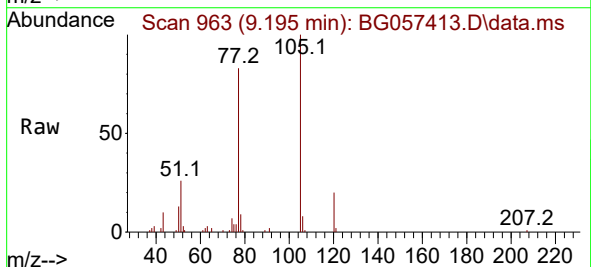
Manual Integrations
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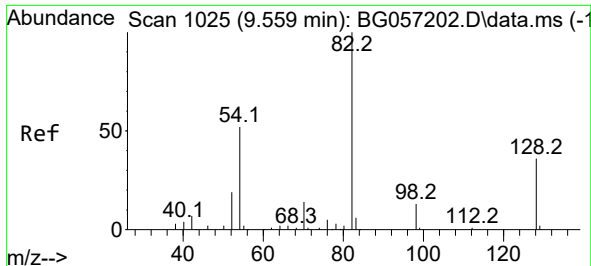
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#22
Acetophenone
Concen: 24.893 ng
RT: 9.195 min Scan# 963
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Tgt Ion:105 Resp: 45088
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 25.9 24.0 36.0
120 20.2 15.8 23.8





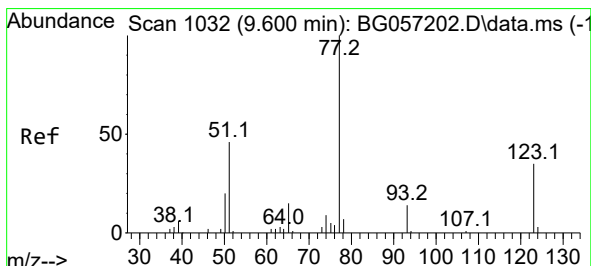
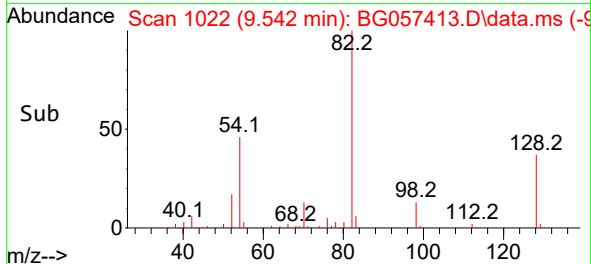
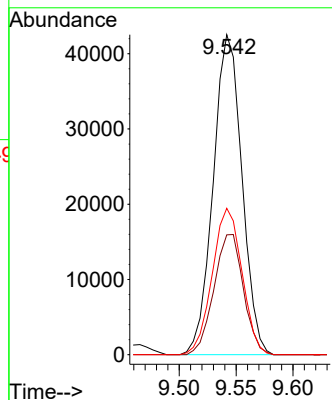
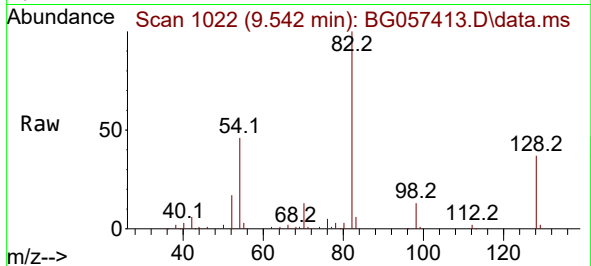
#23
Nitrobenzene-d5
Concen: 49.660 ng
RT: 9.542 min Scan# 1022
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS

Tgt Ion: 82 Resp: 74878
Ion Ratio Lower Upper
82 100
128 37.4 29.0 43.4
54 45.7 41.4 62.0

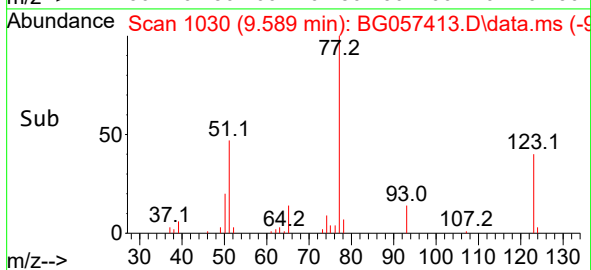
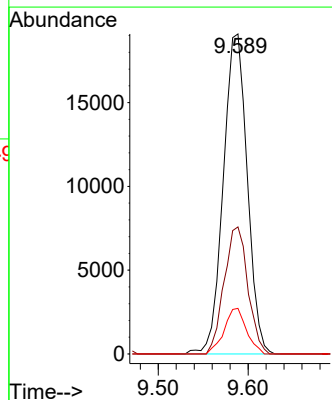
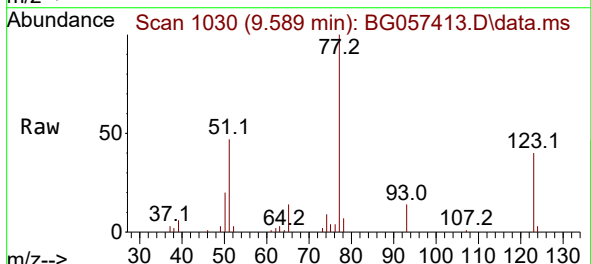
Manual Integrations
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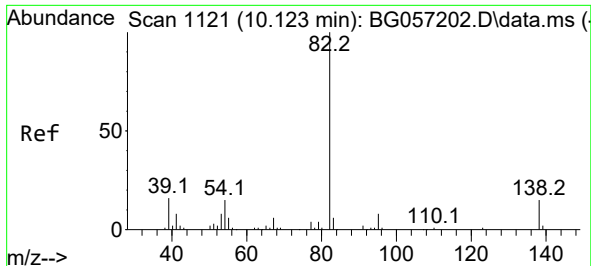
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#24
Nitrobenzene
Concen: 23.217 ng
RT: 9.589 min Scan# 1030
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Tgt Ion: 77 Resp: 35333
Ion Ratio Lower Upper
77 100
123 39.7 28.2 42.2
65 14.3 11.7 17.5





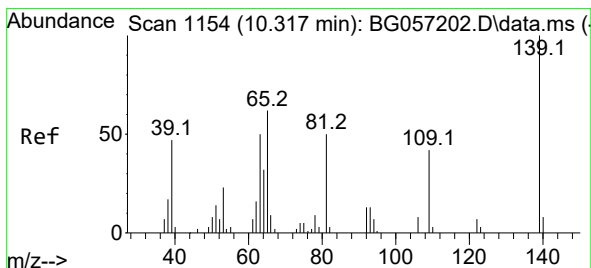
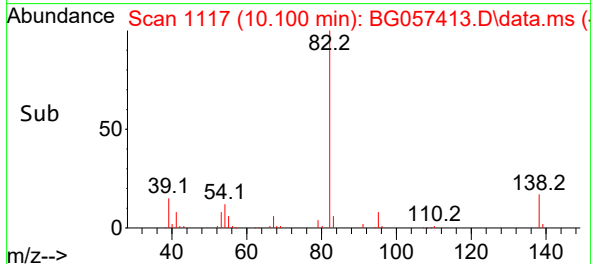
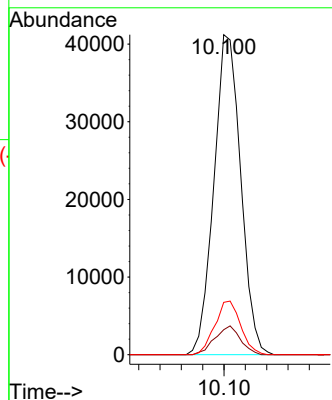
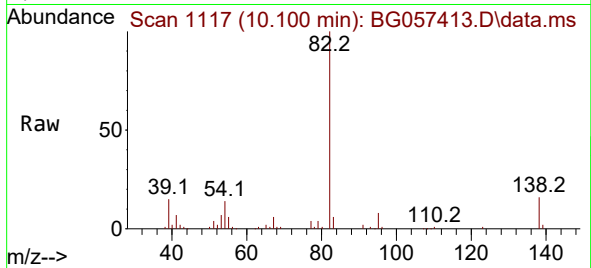
#25
Isophorone
Concen: 24.583 ng
RT: 10.100 min Scan# 1117
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS

Tgt Ion: 82 Resp: 7187
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 16.4 12.3 18.5

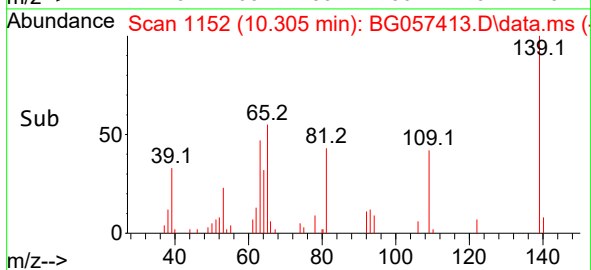
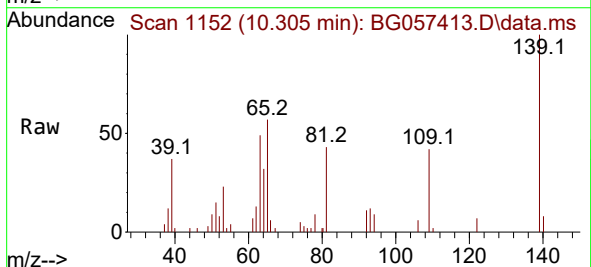
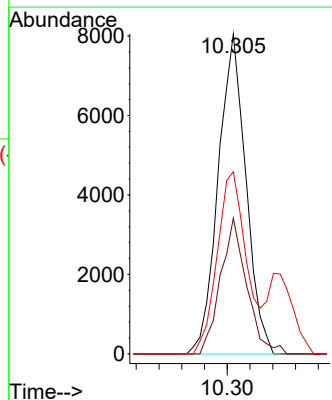
Manual Integrations
APPROVED

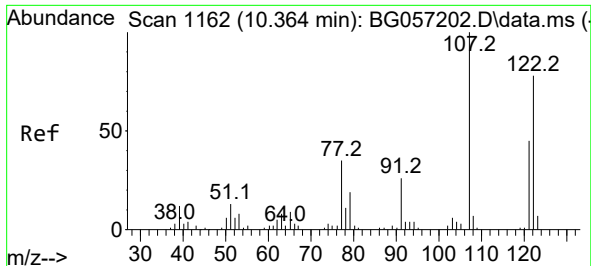
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#26
2-Nitrophenol
Concen: 23.348 ng
RT: 10.305 min Scan# 1152
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Tgt Ion:139 Resp: 13601
Ion Ratio Lower Upper
139 100
109 42.4 33.4 50.2
65 56.9 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 27.148 ng

RT: 10.346 min Scan# 1162

Delta R.T. 0.003 min

Lab File: BG057413.D

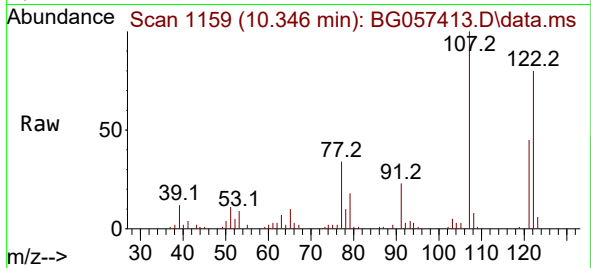
Acq: 12 May 2023 17:33

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MS



Tgt Ion:122 Resp: 27692

Ion Ratio Lower Upper

122 100

107 125.3 103.0 154.4

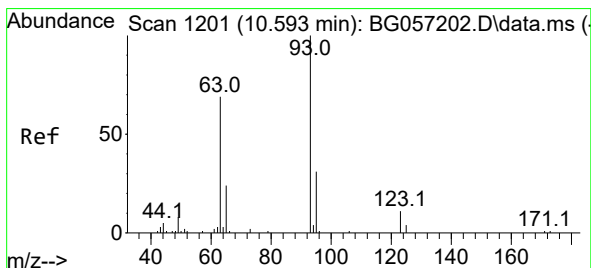
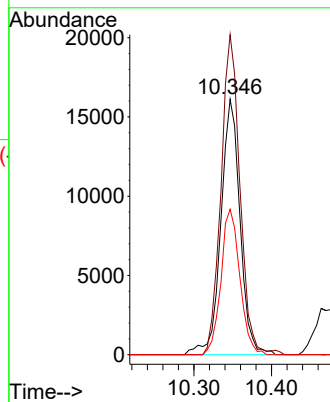
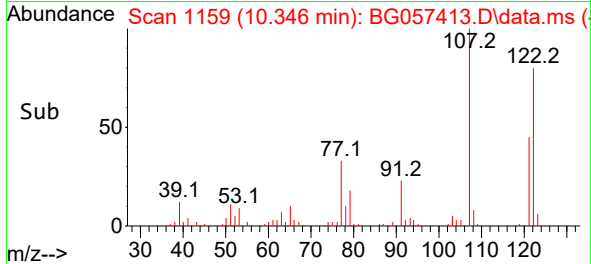
121 57.0 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 25.221 ng

RT: 10.576 min Scan# 1198

Delta R.T. -0.002 min

Lab File: BG057413.D

Acq: 12 May 2023 17:33

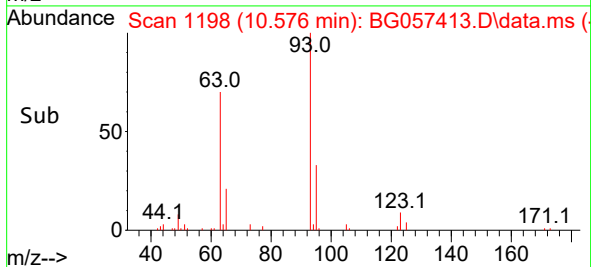
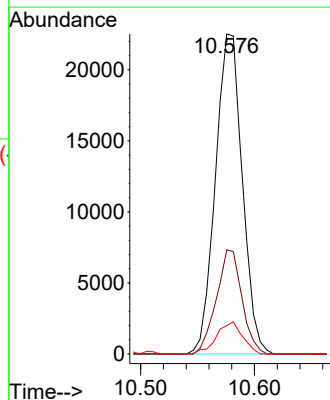
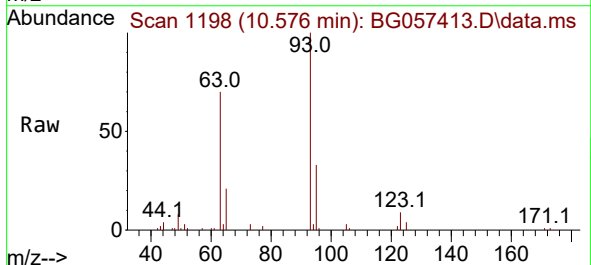
Tgt Ion: 93 Resp: 36943

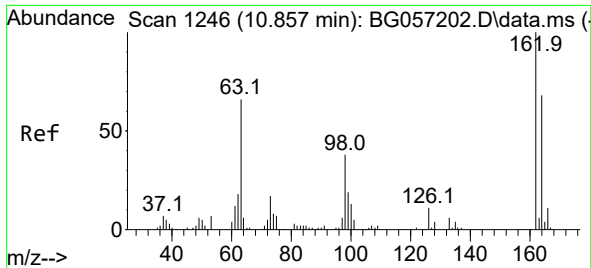
Ion Ratio Lower Upper

93 100

95 32.6 25.0 37.6

123 8.9 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 28.116 ng

RT: 10.846 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG057413.D

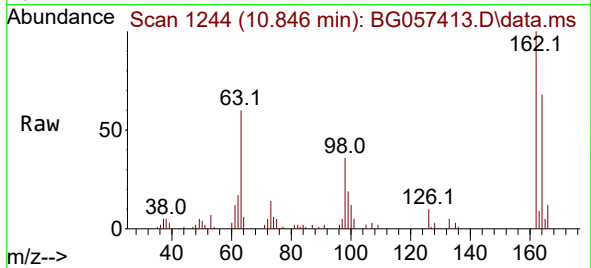
Acq: 12 May 2023 17:33

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MS



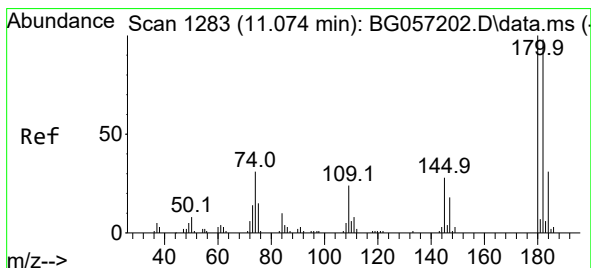
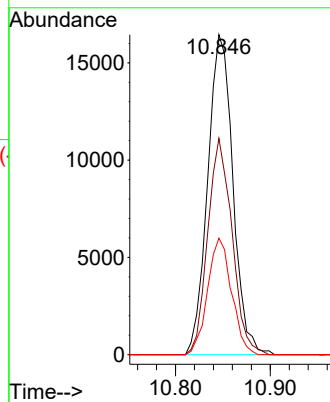
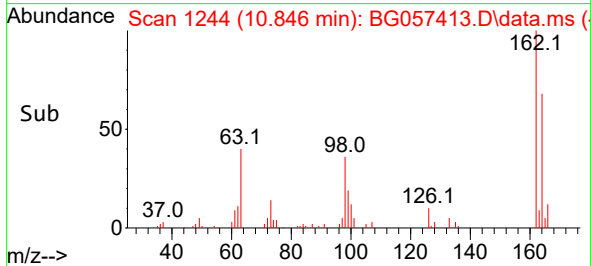
Tgt Ion:	162	Resp:	30418
Ion Ratio	Lower	Upper	
162	100		
164	67.6	48.4	88.4
98	36.4	17.6	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 25.509 ng

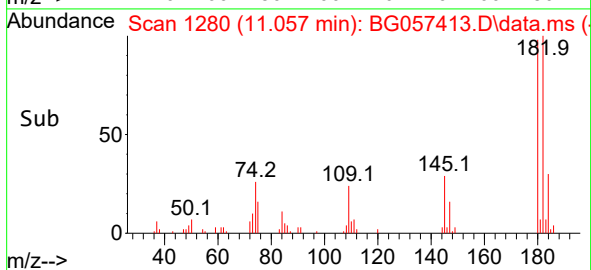
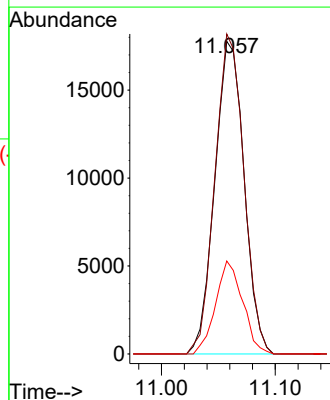
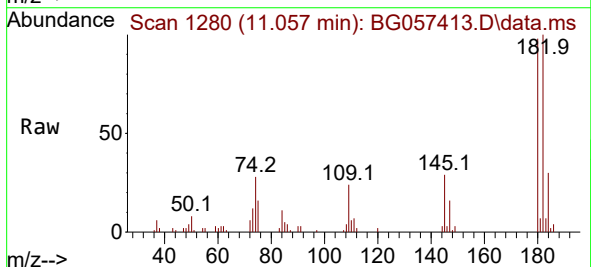
RT: 11.057 min Scan# 1280

Delta R.T. -0.002 min

Lab File: BG057413.D

Acq: 12 May 2023 17:33

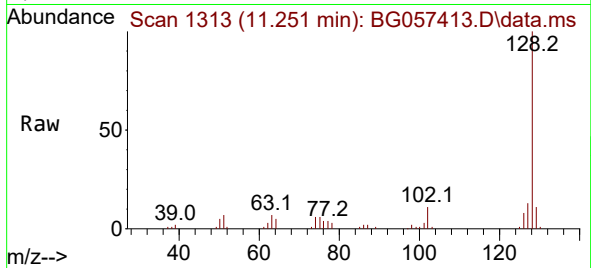
Tgt Ion:	180	Resp:	31831
Ion Ratio	Lower	Upper	
180	100		
182	102.3	78.0	117.0
145	29.7	22.4	33.6





#31
Naphthalene
Concen: 25.397 ng
RT: 11.251 min Scan# 1119
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

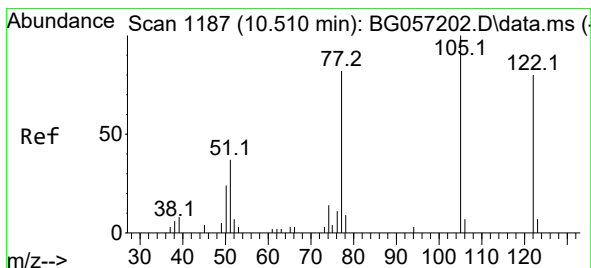
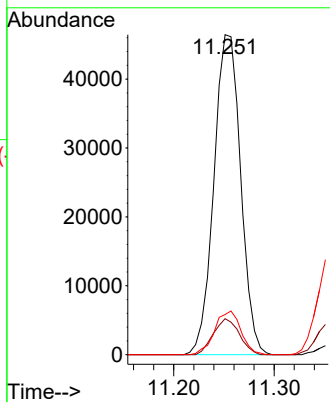
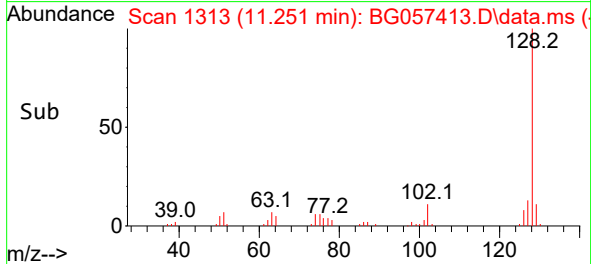
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



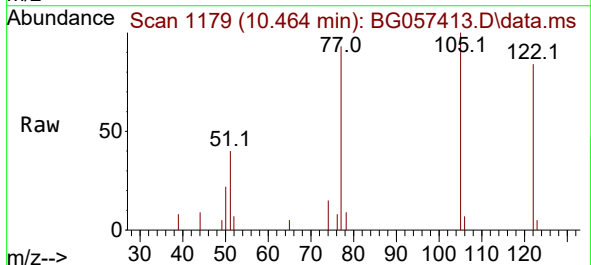
Tgt Ion:128 Resp: 85925
Ion Ratio Lower Upper
128 100
129 11.3 8.3 12.5
127 12.5 11.1 16.7

Manual Integrations
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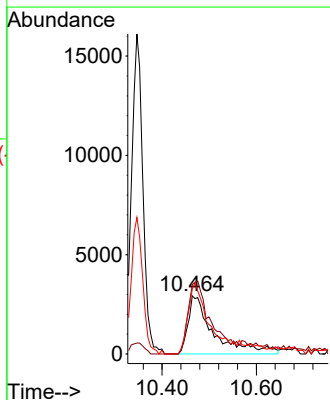
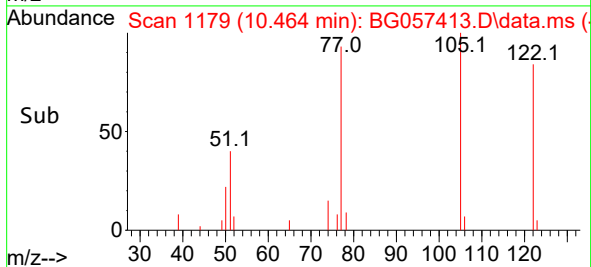
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#32
Benzoic acid
Concen: 21.734 ng m
RT: 10.464 min Scan# 1179
Delta R.T. -0.026 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



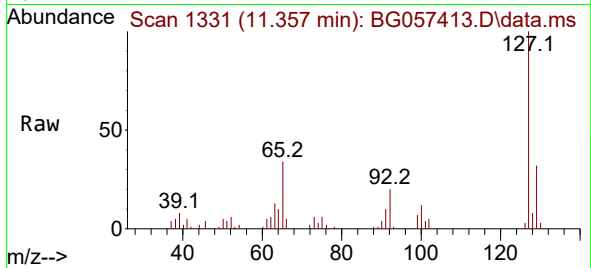
Tgt Ion:122 Resp: 11100
Ion Ratio Lower Upper
122 100
105 119.4 105.2 145.2
77 111.5 83.1 123.1





#33
4-Chloroaniline
Concen: 17.693 ng
RT: 11.357 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

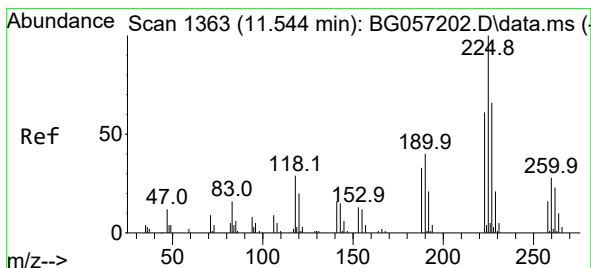
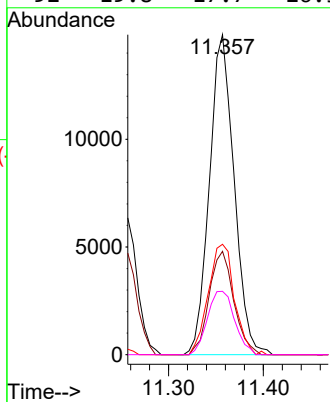
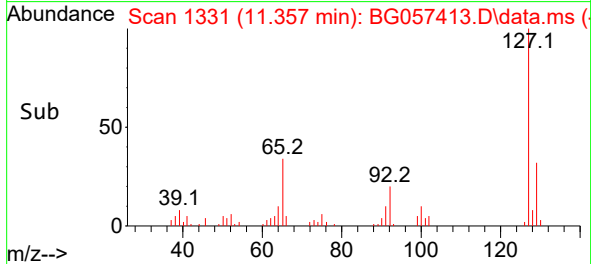
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



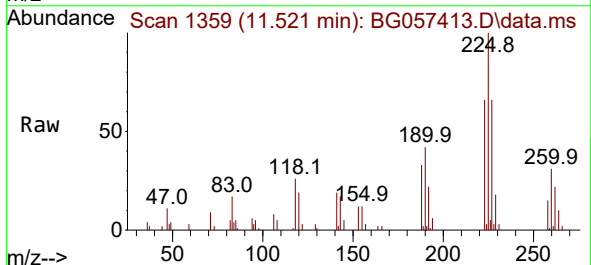
Tgt Ion:127 Resp: 2688
Ion Ratio Lower Upper
127 100
129 32.3 26.7 40.1
65 34.5 29.7 44.5
92 19.8 17.7 26.5

Manual Integrations
APPROVED

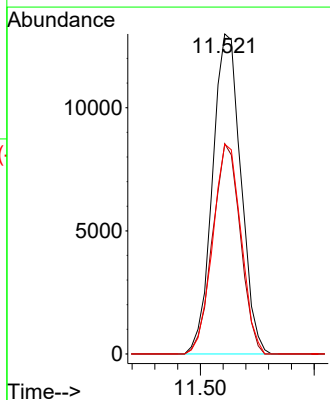
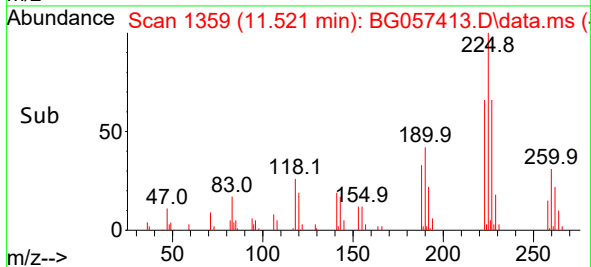
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

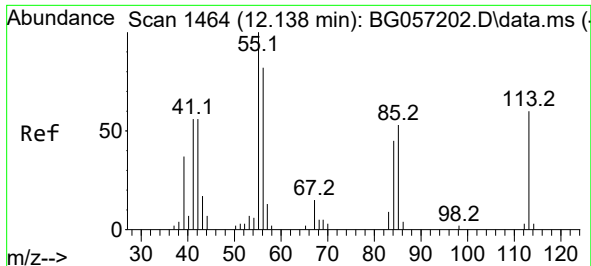


#34
Hexachlorobutadiene
Concen: 24.266 ng
RT: 11.521 min Scan# 1359
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



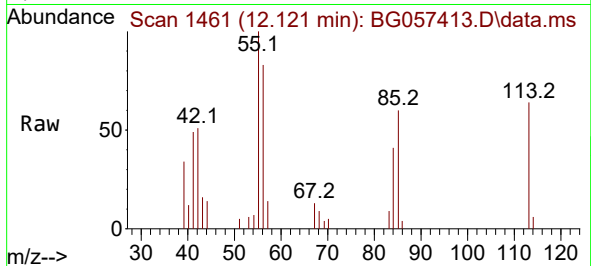
Tgt Ion:225 Resp: 22468
Ion Ratio Lower Upper
225 100
223 65.7 48.6 72.8
227 65.6 52.7 79.1





#35
Caprolactam
Concen: 26.821 ng
RT: 12.121 min Scan# 1461
Delta R.T. -0.008 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

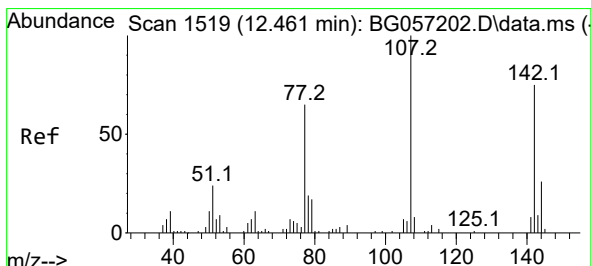
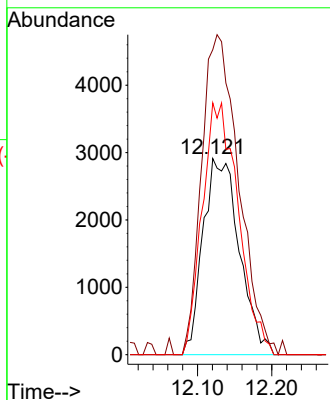
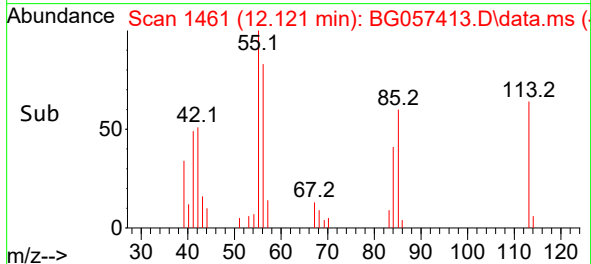
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



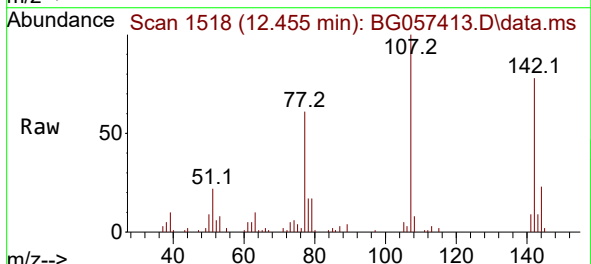
Tgt Ion:113 Resp: 991
Ion Ratio Lower Upper
113 100
55 155.5 145.5 185.5
56 128.4 115.9 155.9

Manual Integrations
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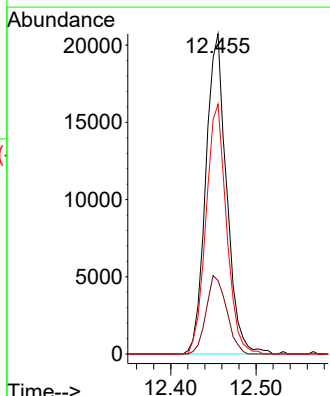
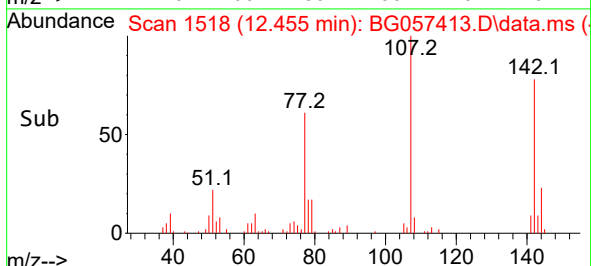
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

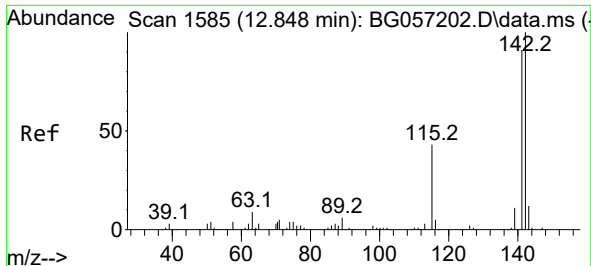


#36
4-Chloro-3-methylphenol
Concen: 28.509 ng
RT: 12.455 min Scan# 1518
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



Tgt Ion:107 Resp: 35051
Ion Ratio Lower Upper
107 100
144 23.0 21.0 31.6
142 78.1 60.0 90.0





#37

2-Methylnaphthalene

Concen: 26.303 ng

RT: 12.831 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057413.D

Acq: 12 May 2023 17:33

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023MS

Tgt Ion:142 Resp: 6996

Ion Ratio Lower Upper

142 100

141 87.3 73.1 109.7

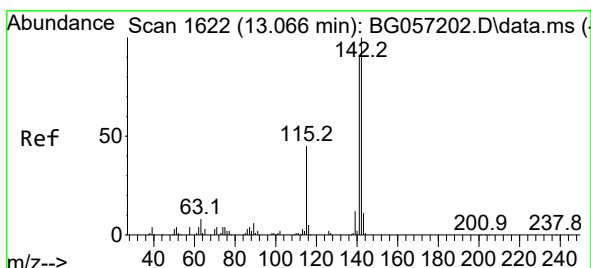
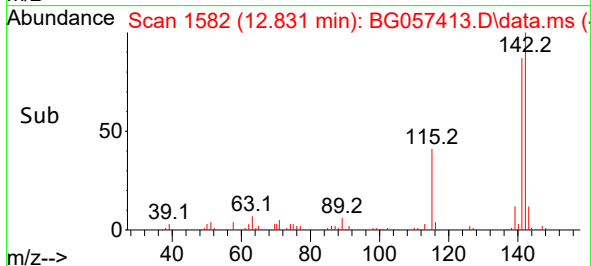
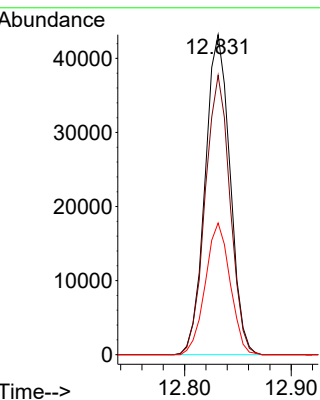
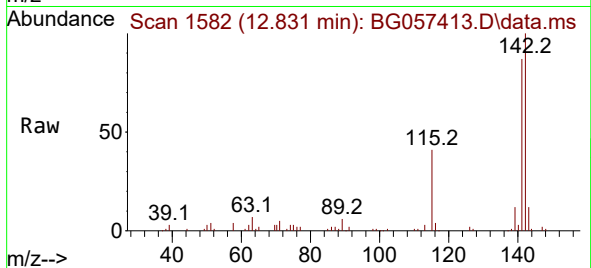
115 41.2 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#38

1-Methylnaphthalene

Concen: 26.297 ng

RT: 13.049 min Scan# 1619

Delta R.T. -0.002 min

Lab File: BG057413.D

Acq: 12 May 2023 17:33

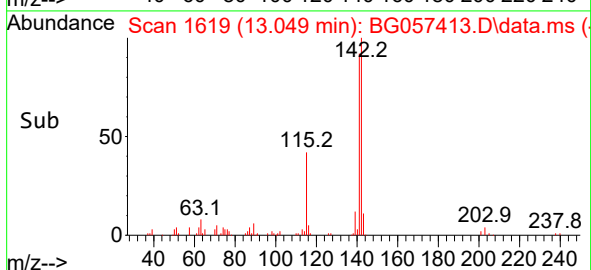
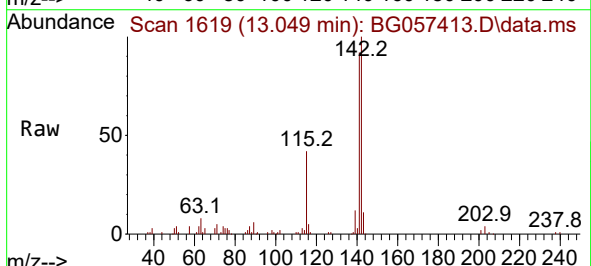
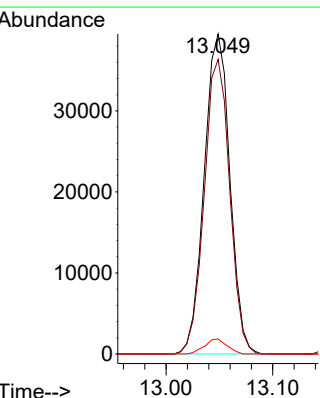
Tgt Ion:142 Resp: 65934

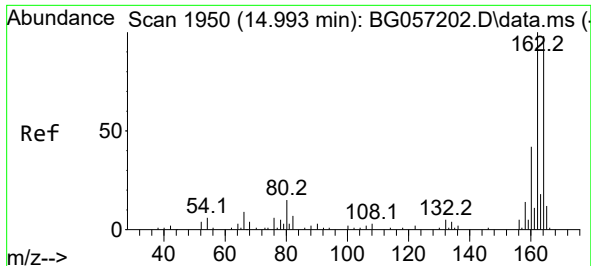
Ion Ratio Lower Upper

142 100

141 92.1 72.5 108.7

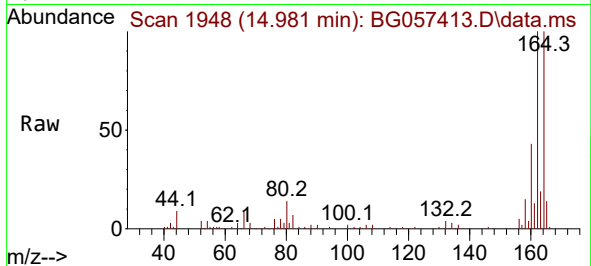
116 4.7 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.981 min Scan# 1948
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

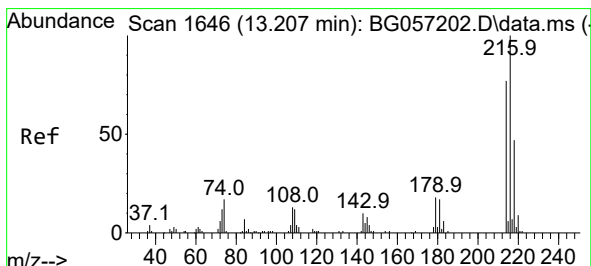
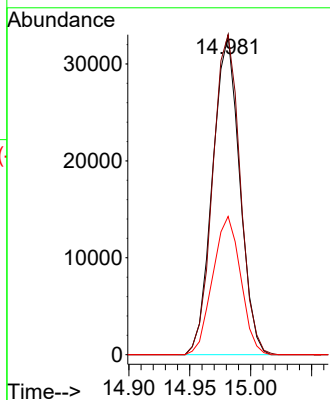
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:164 Resp: 50932
Ion Ratio Lower Upper
164 100
162 100.1 81.8 122.6
160 43.3 34.6 52.0

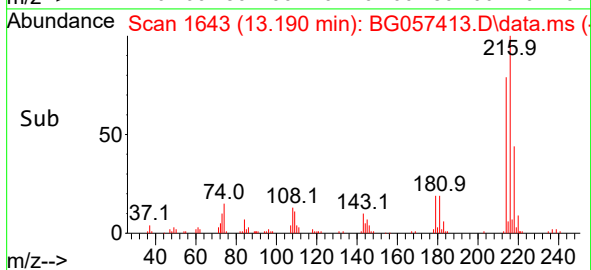
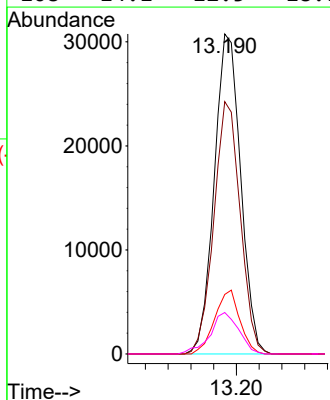
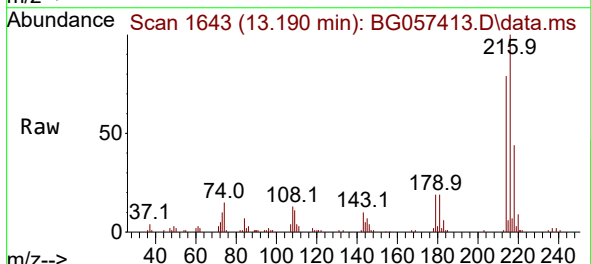
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.422 ng
RT: 13.190 min Scan# 1643
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

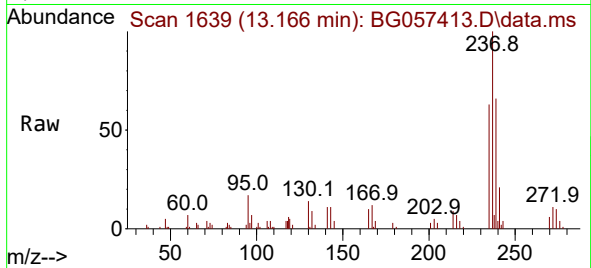
Tgt Ion:216 Resp: 49583
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 18.9 14.6 22.0
108 14.1 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 32.027 ng
RT: 13.166 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

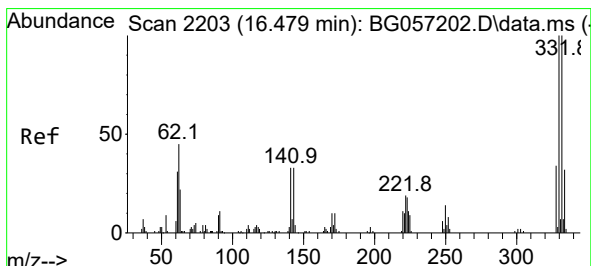
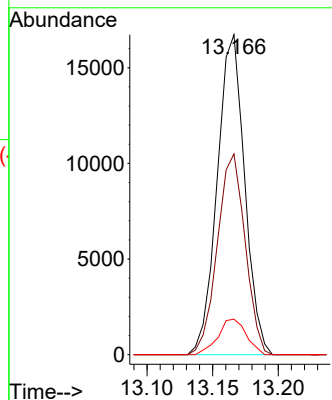
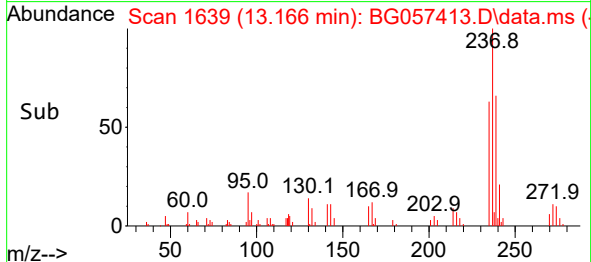
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:237 Resp: 24274
Ion Ratio Lower Upper
237 100
235 62.8 42.0 82.0
272 11.1 0.0 31.5

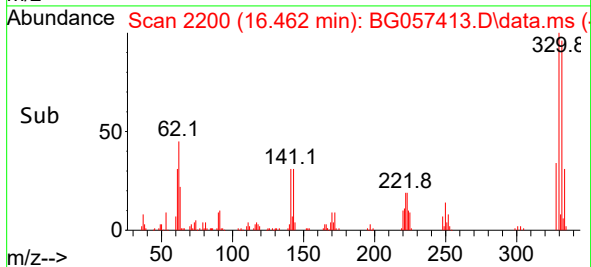
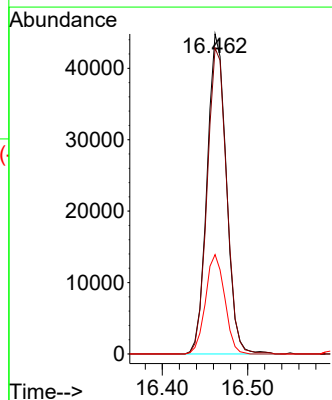
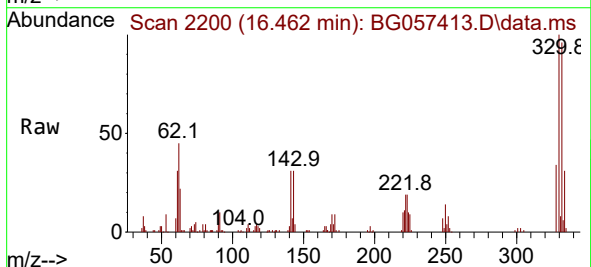
Manual Integrations
APPROVED

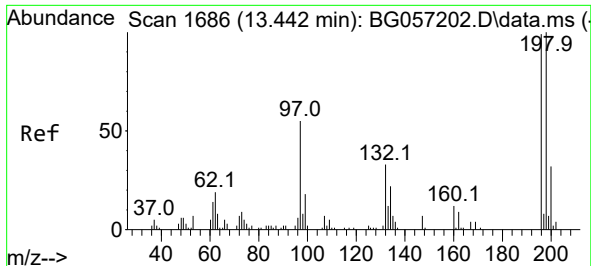
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#42
2,4,6-Tribromophenol
Concen: 96.990 ng
RT: 16.462 min Scan# 2200
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

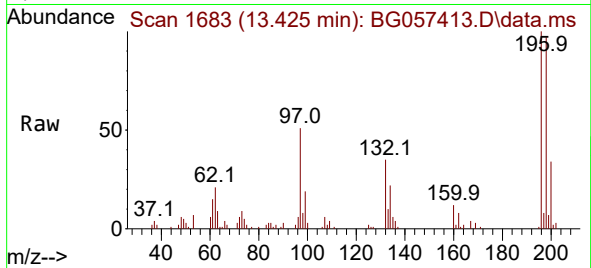
Tgt Ion:330 Resp: 70092
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 30.9 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 28.146 ng
RT: 13.425 min Scan# 1683
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

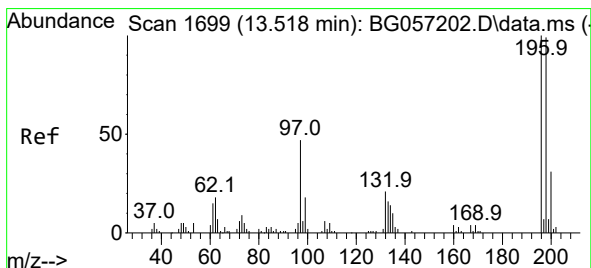
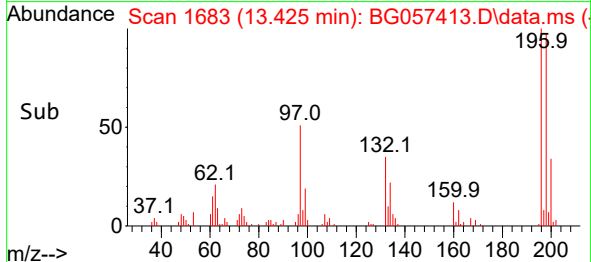
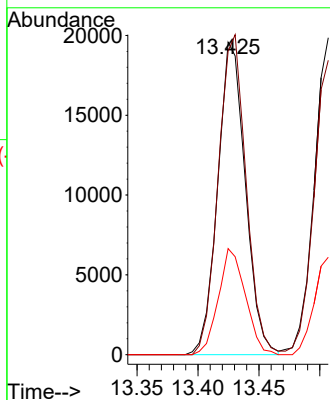
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:196 Resp: 3100
Ion Ratio Lower Upper
196 100
198 97.1 81.2 121.8
200 34.0 26.3 39.5

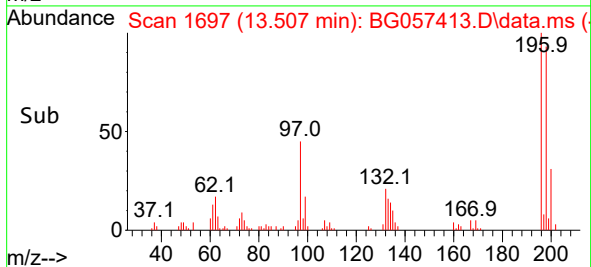
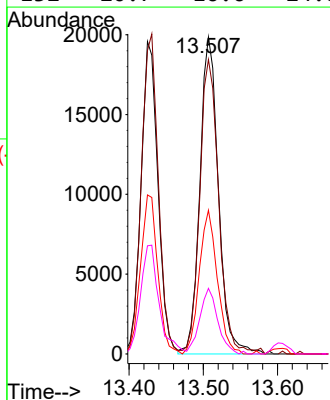
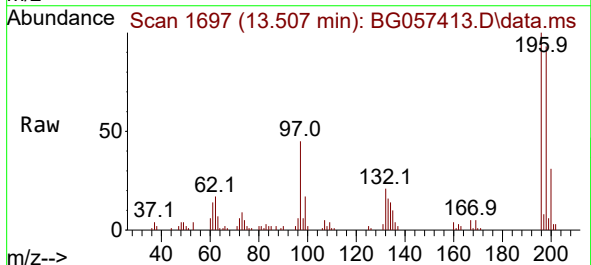
Manual Integrations
APPROVED

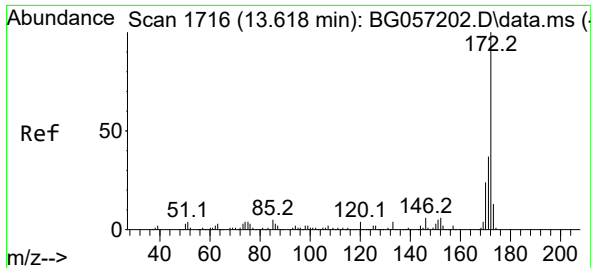
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 26.790 ng
RT: 13.507 min Scan# 1697
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

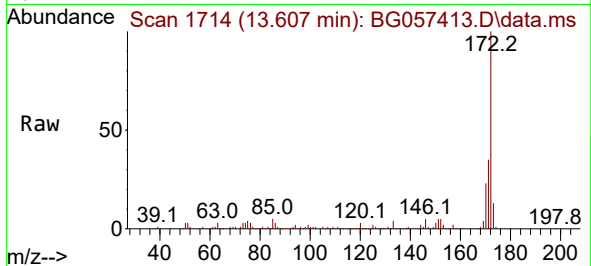
Tgt Ion:196 Resp: 34714
Ion Ratio Lower Upper
196 100
198 92.9 79.4 119.2
97 45.3 37.0 55.4
132 20.7 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 57.147 ng
RT: 13.607 min Scan# 1714
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

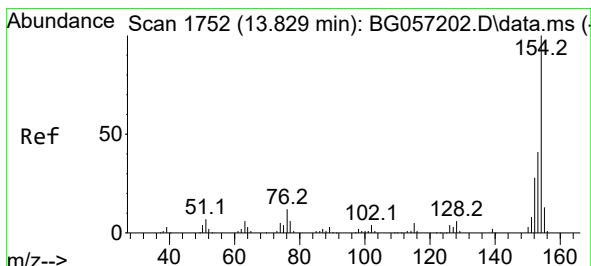
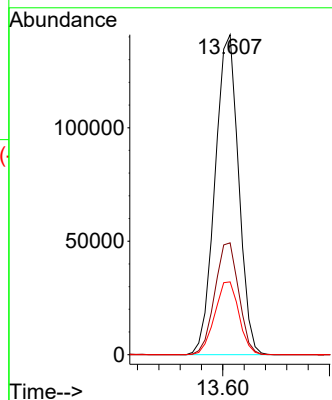
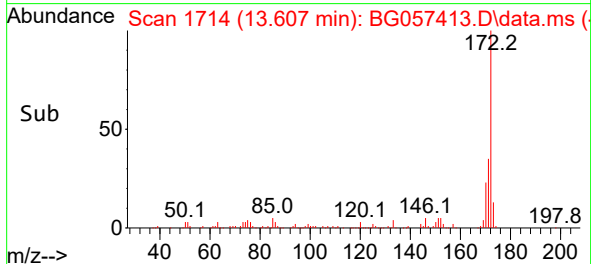
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



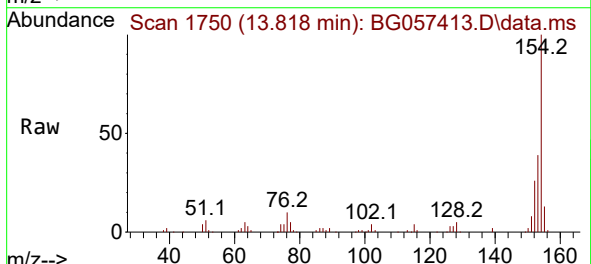
Tgt Ion:172 Resp: 21611
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.0
170 22.8 19.0 28.6

Manual Integrations
APPROVED

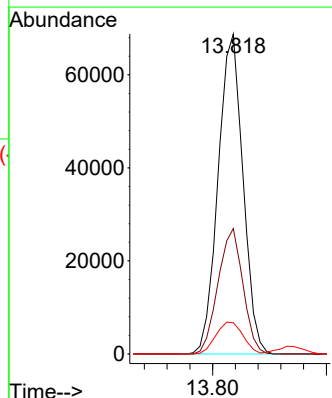
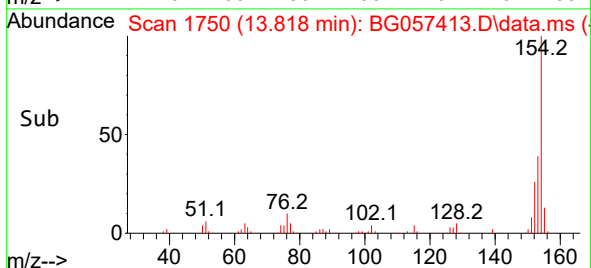
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#46
1,1'-Biphenyl
Concen: 27.595 ng
RT: 13.818 min Scan# 1750
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



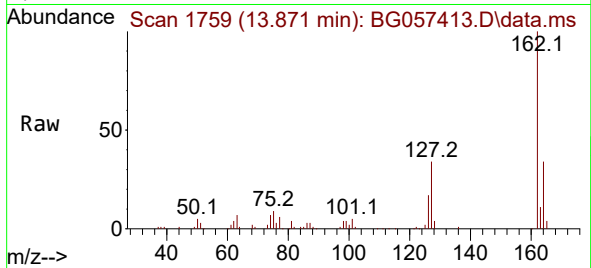
Tgt Ion:154 Resp: 104291
Ion Ratio Lower Upper
154 100
153 39.2 20.9 60.9
76 9.8 0.0 31.7





#47
2-Chloronaphthalene
Concen: 28.115 ng
RT: 13.871 min Scan# 1759
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

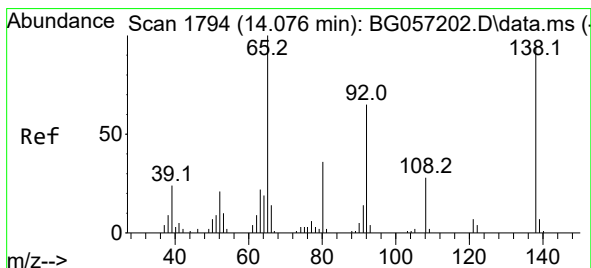
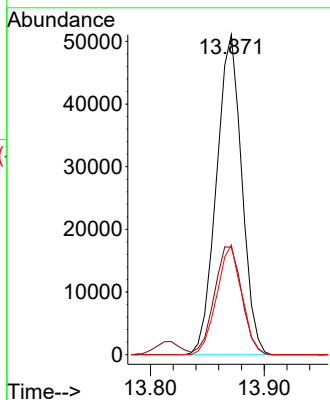
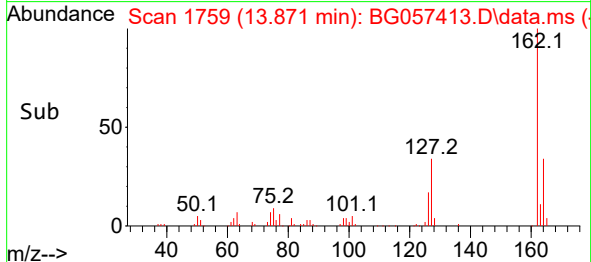
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:162 Resp: 79015
Ion Ratio Lower Upper
162 100
127 33.5 29.8 44.6
164 34.3 26.6 40.0

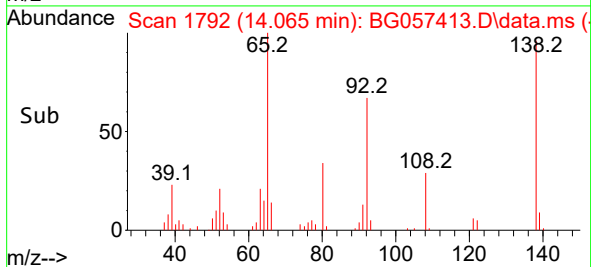
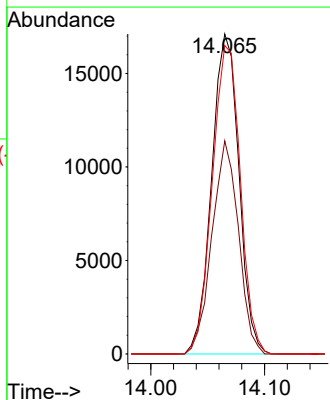
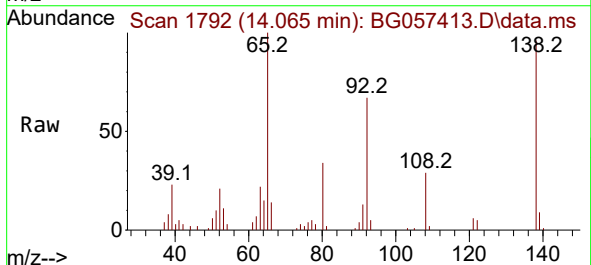
Manual Integrations
APPROVED

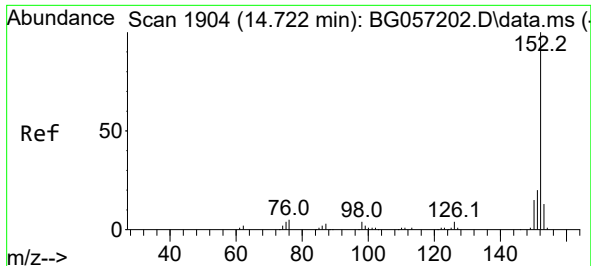
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#48
2-Nitroaniline
Concen: 29.776 ng
RT: 14.065 min Scan# 1792
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

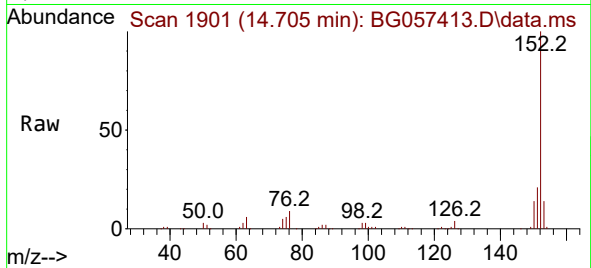
Tgt Ion: 65 Resp: 28454
Ion Ratio Lower Upper
65 100
92 66.6 52.1 78.1
138 96.4 75.3 112.9





#49
Acenaphthylene
Concen: 28.149 ng
RT: 14.705 min Scan# 1901
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

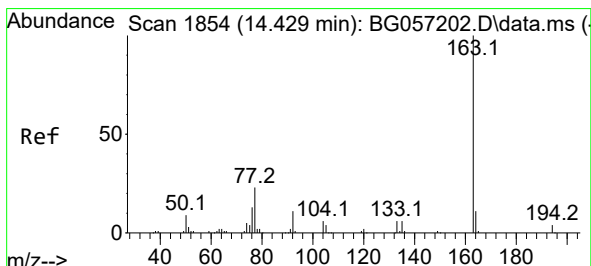
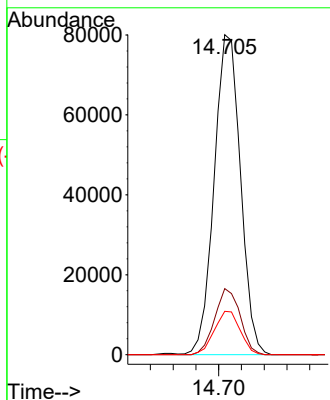
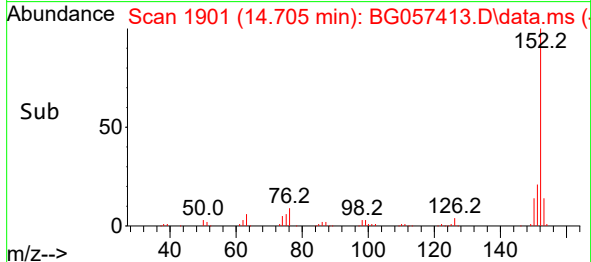
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



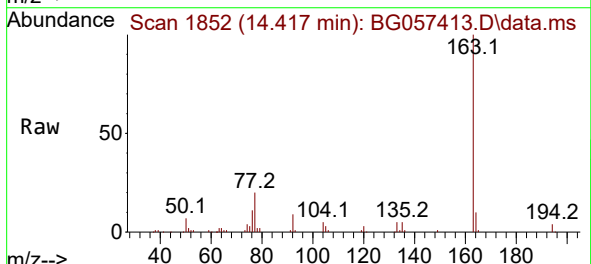
Tgt Ion:152 Resp: 12852
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.5 10.7 16.1

Manual Integrations
APPROVED

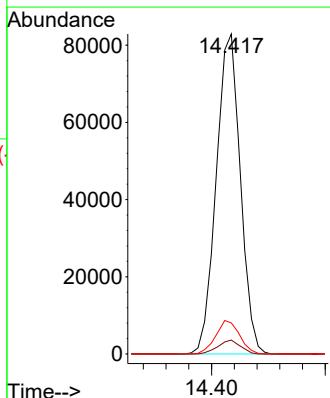
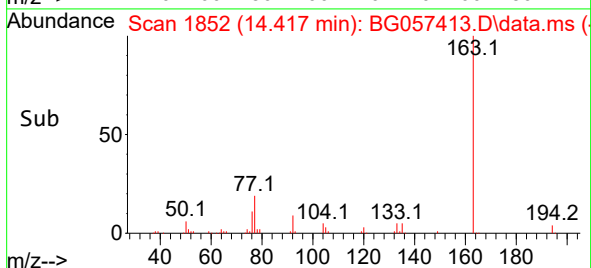
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

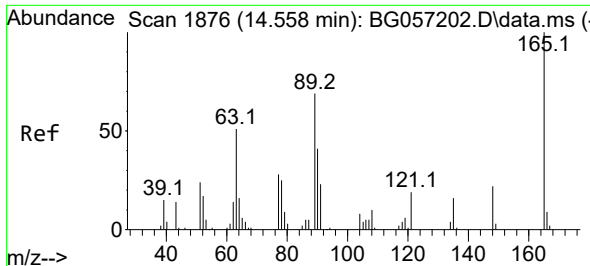


#50
Dimethylphthalate
Concen: 29.196 ng
RT: 14.417 min Scan# 1852
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



Tgt Ion:163 Resp: 122196
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.7 8.8 13.2





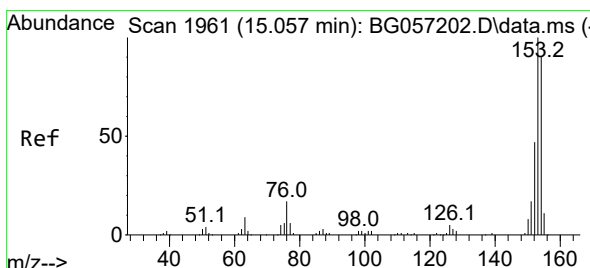
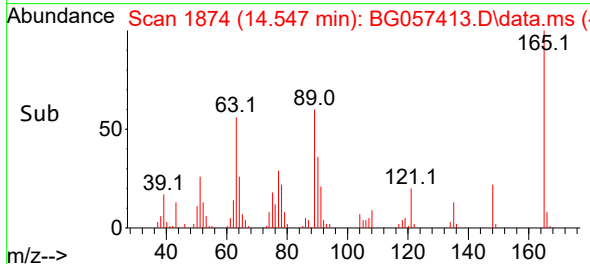
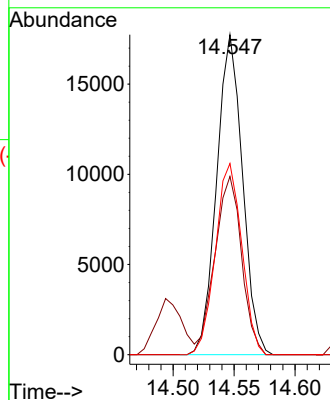
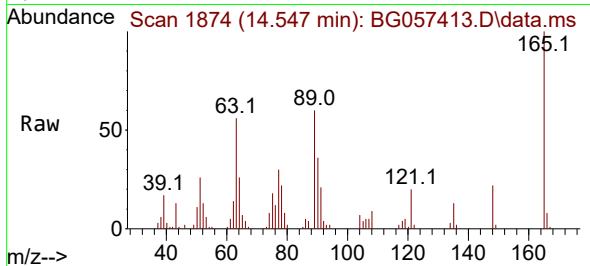
#51
2,6-Dinitrotoluene
Concen: 30.665 ng
RT: 14.547 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS

Tgt Ion:165 Resp: 2620
Ion Ratio Lower Upper
165 100
63 55.7 50.9 76.3
89 59.8 55.2 82.8

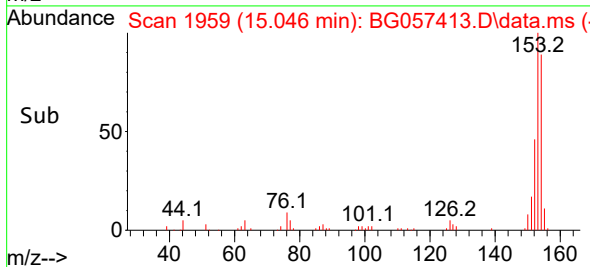
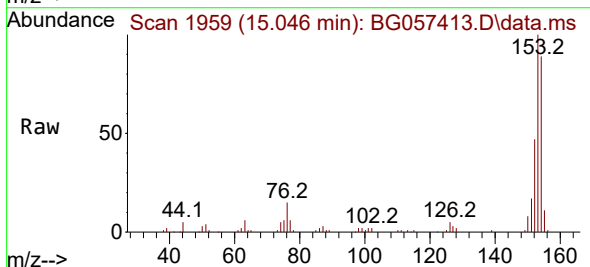
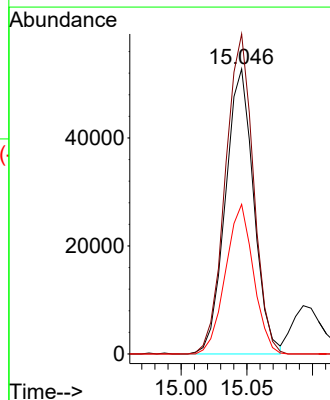
Manual Integrations
APPROVED

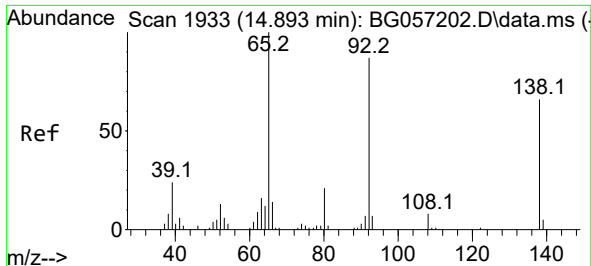
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#52
Acenaphthene
Concen: 27.743 ng
RT: 15.046 min Scan# 1959
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

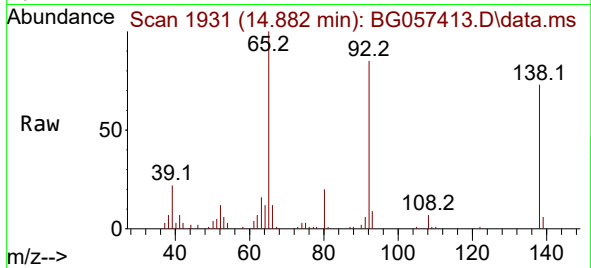
Tgt Ion:154 Resp: 79153
Ion Ratio Lower Upper
154 100
153 112.3 89.3 133.9
152 52.5 41.7 62.5





#53
3-Nitroaniline
Concen: 23.846 ng
RT: 14.882 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

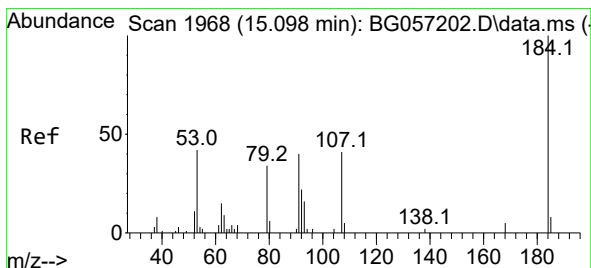
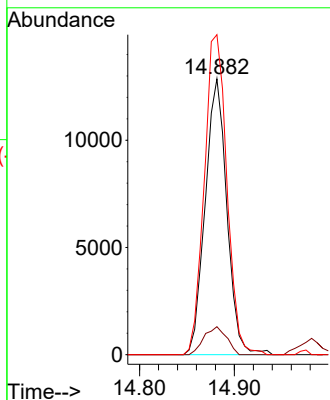
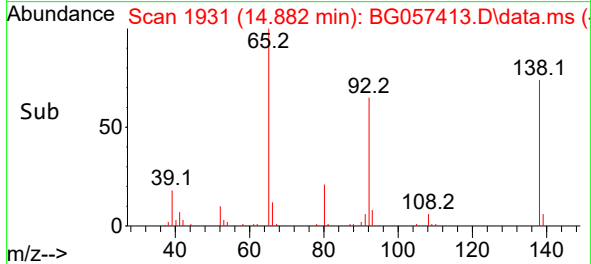
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:138 Resp: 2041
Ion Ratio Lower Upper
138 100
108 10.2 9.5 14.3
92 116.0 106.2 159.4

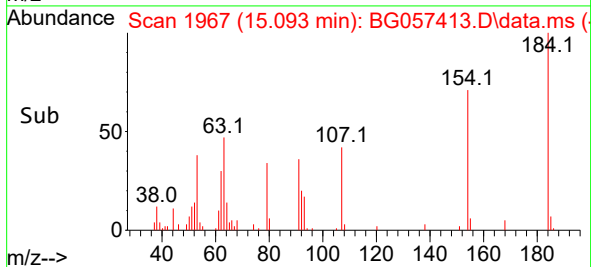
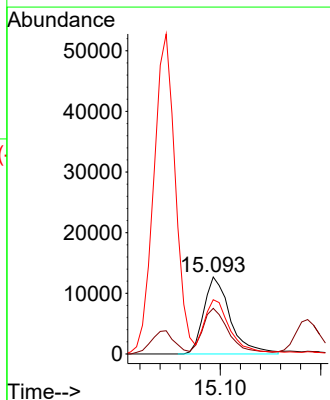
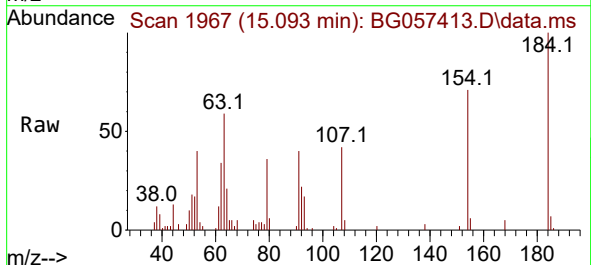
Manual Integrations
APPROVED

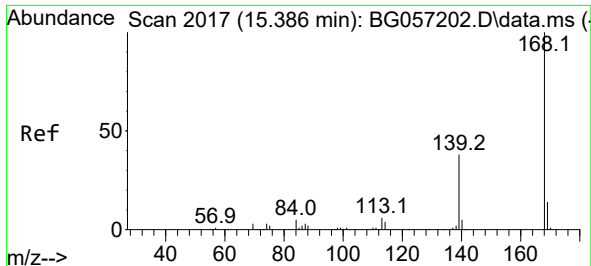
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#54
2,4-Dinitrophenol
Concen: 46.175 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

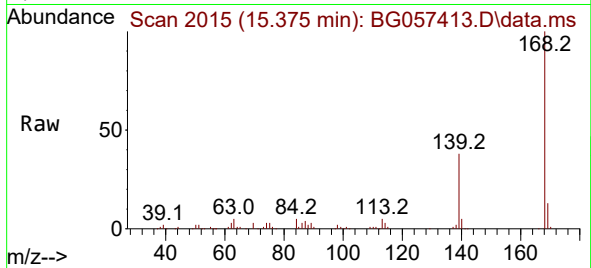
Tgt Ion:184 Resp: 23264
Ion Ratio Lower Upper
184 100
63 59.3 48.2 72.4
154 70.6 55.4 83.2





#55
Dibenzenofuran
Concen: 28.605 ng
RT: 15.375 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

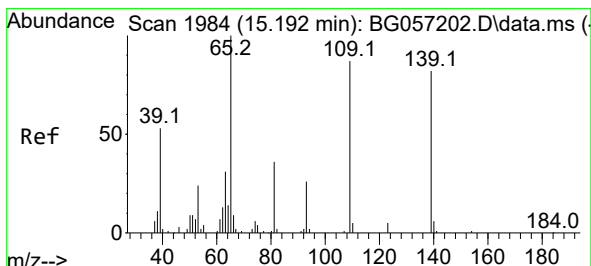
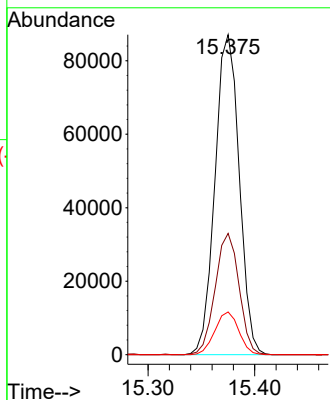
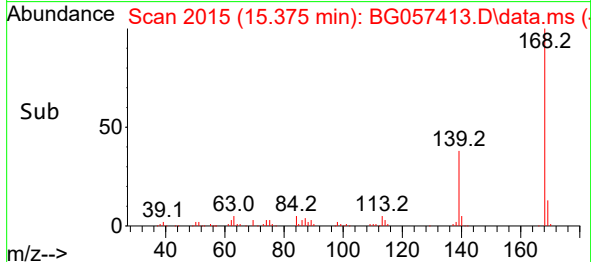
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:168 Resp: 137120
Ion Ratio Lower Upper
168 100
139 37.9 30.7 46.1
169 13.4 10.9 16.3

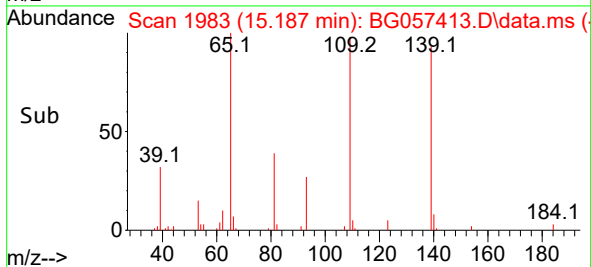
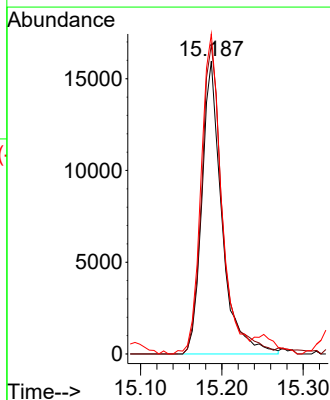
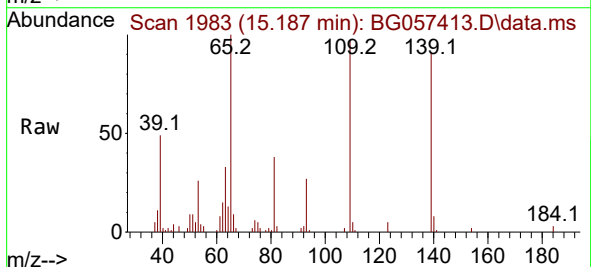
Manual Integrations
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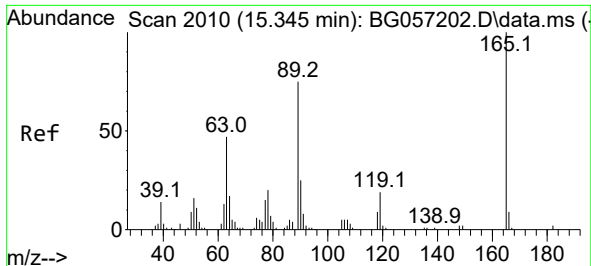
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#56
4-Nitrophenol
Concen: 47.909 ng
RT: 15.187 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

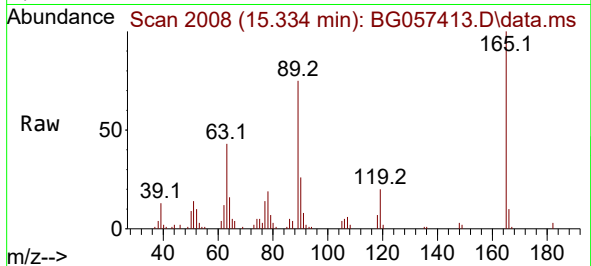
Tgt Ion:139 Resp: 27279
Ion Ratio Lower Upper
139 100
109 105.6 86.6 126.6
65 109.3 102.6 142.6





#57
2,4-Dinitrotoluene
Concen: 28.314 ng
RT: 15.334 min Scan# 2010
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

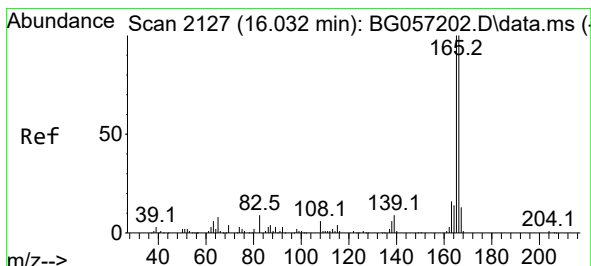
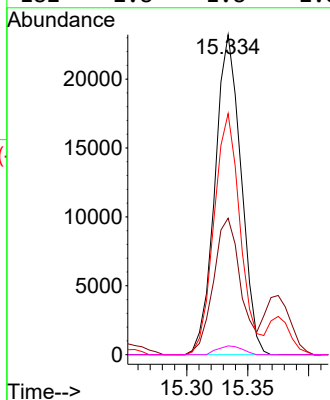
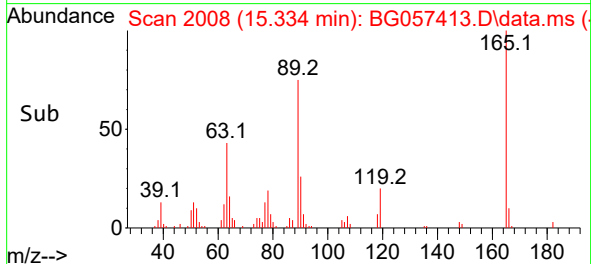
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:165 Resp: 34580
Ion Ratio Lower Upper
165 100
63 42.7 37.5 56.3
89 75.4 60.2 90.4
182 2.8 1.8 2.8

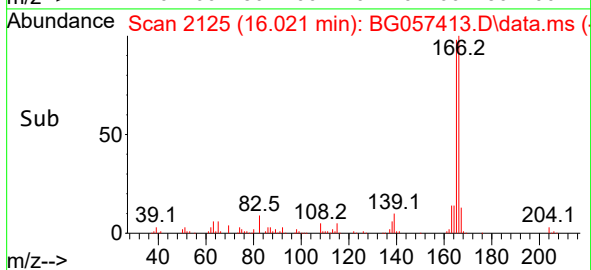
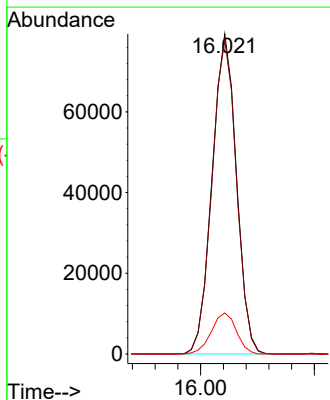
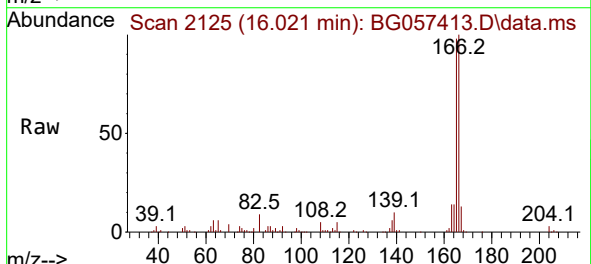
Manual Integrations
APPROVED

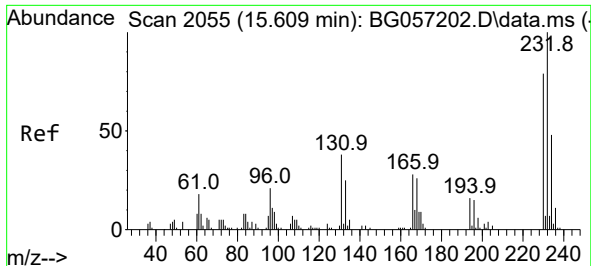
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#58
Fluorene
Concen: 29.737 ng
RT: 16.021 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

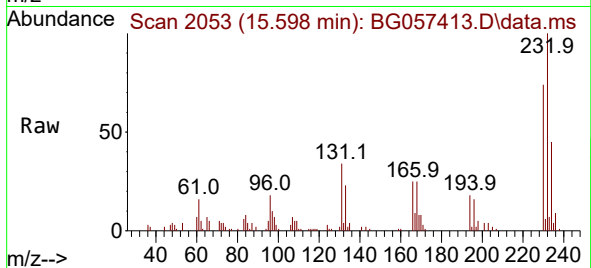
Tgt Ion:166 Resp: 117421
Ion Ratio Lower Upper
166 100
165 98.1 80.1 120.1
167 12.8 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 29.461 ng m
RT: 15.598 min Scan# 2053
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

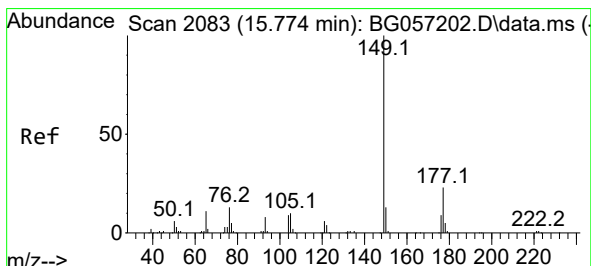
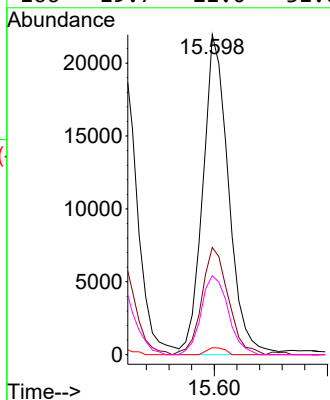
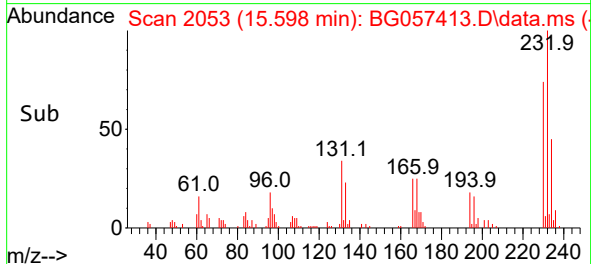
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



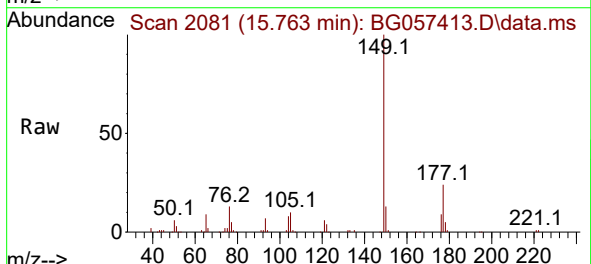
Tgt Ion:232 Resp: 34610
Ion Ratio Lower Upper
232 100
131 30.2 28.6 42.8
130 1.7 1.6 2.4
166 19.7 21.0 31.6#

Manual Integrations
APPROVED

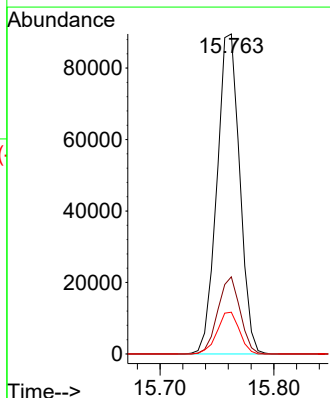
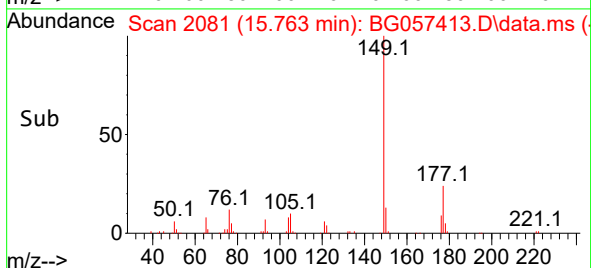
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

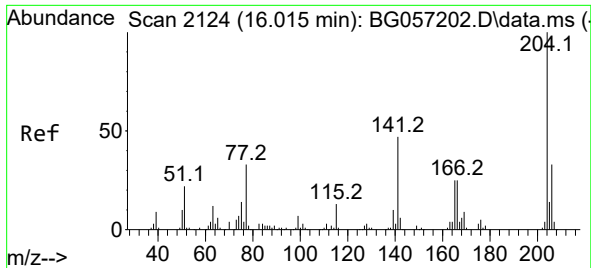


#60
Diethylphthalate
Concen: 29.293 ng
RT: 15.763 min Scan# 2081
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



Tgt Ion:149 Resp: 124509
Ion Ratio Lower Upper
149 100
177 24.1 18.3 27.5
150 13.1 10.1 15.1





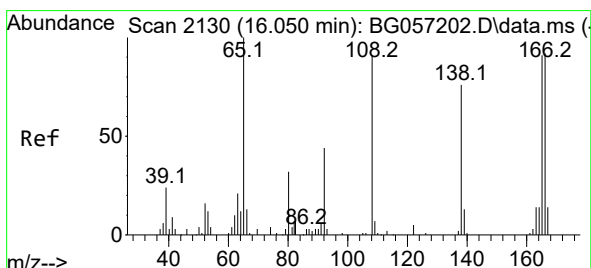
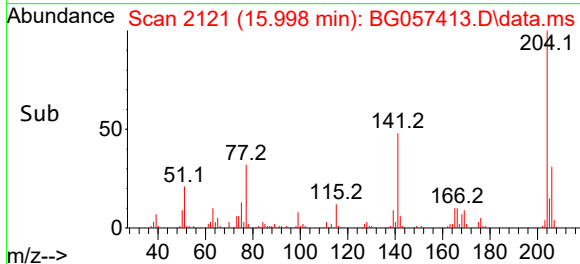
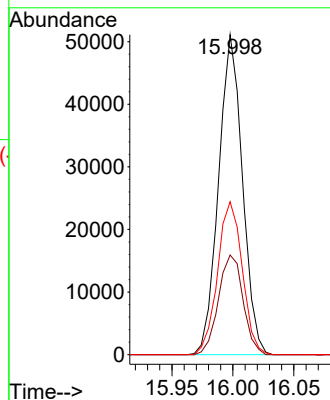
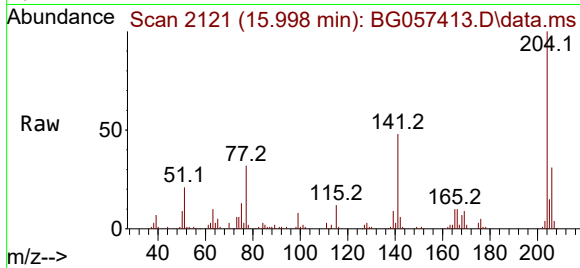
#61
4-Chlorophenyl-phenylether
Concen: 29.221 ng
RT: 15.998 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS

Tgt Ion:204 Resp: 69509
Ion Ratio Lower Upper
204 100
206 31.1 26.5 39.7
141 47.8 37.4 56.0

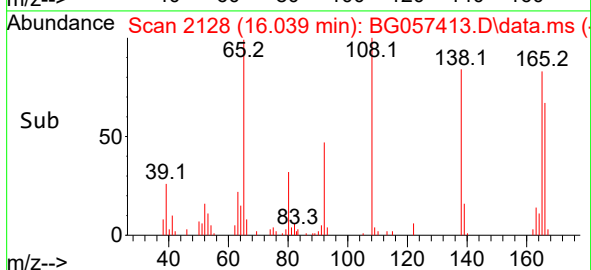
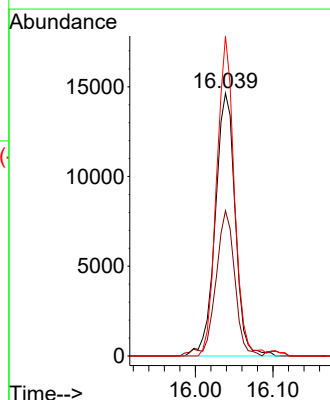
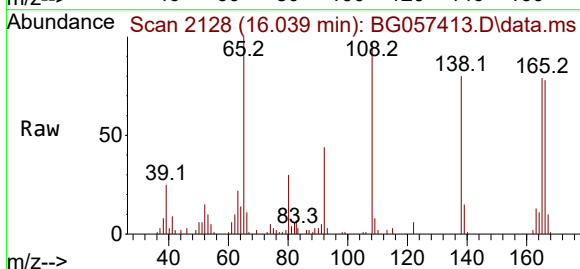
Manual Integrations
APPROVED

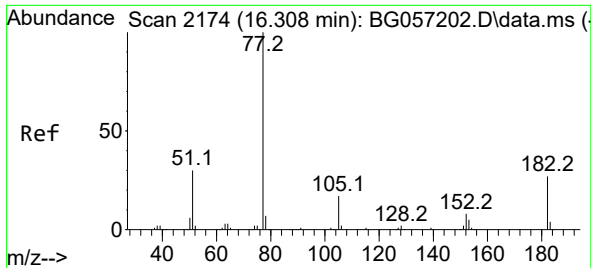
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 30.244 ng
RT: 16.039 min Scan# 2128
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

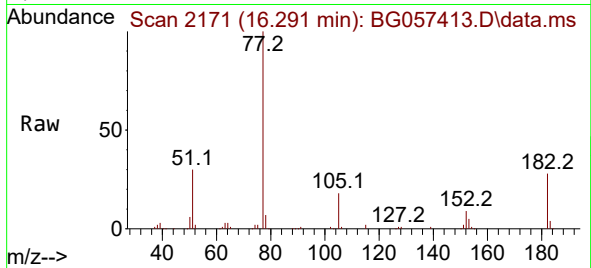
Tgt Ion:138 Resp: 26120
Ion Ratio Lower Upper
138 100
92 55.3 38.2 78.2
108 121.8 99.6 139.6





#63
Azobenzene
Concen: 27.203 ng
RT: 16.291 min Scan# 2174
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

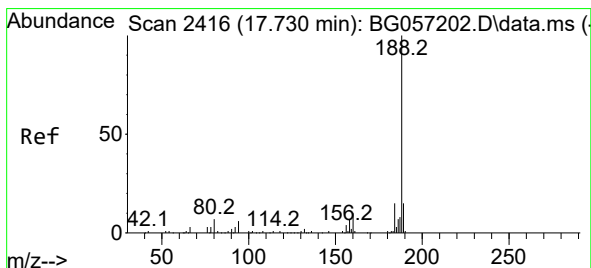
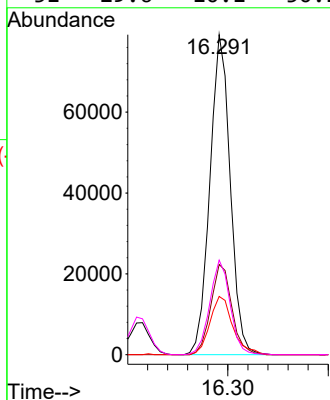
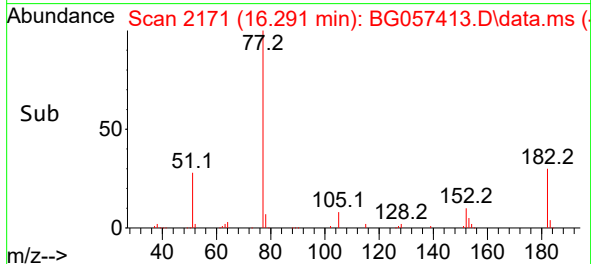
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion: 77 Resp: 111560
Ion Ratio Lower Upper
77 100
182 28.2 7.4 47.4
105 18.2 0.0 37.2
51 29.6 10.1 50.1

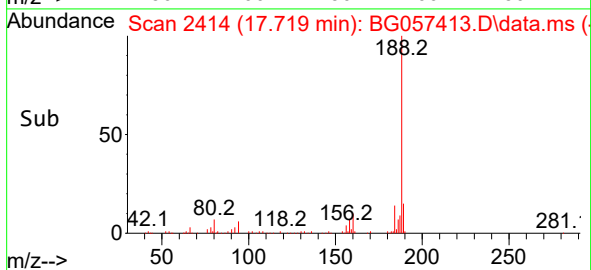
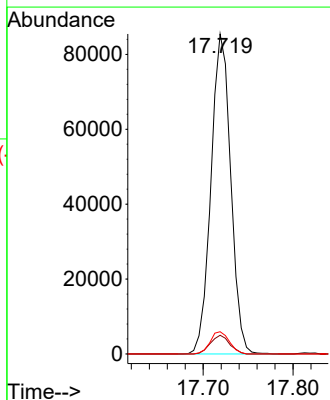
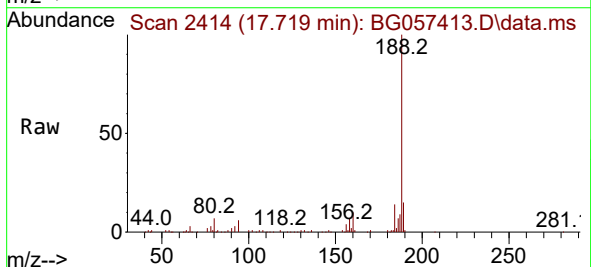
Manual Integrations
APPROVED

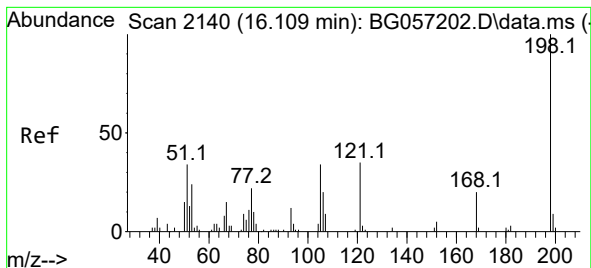
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2414
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

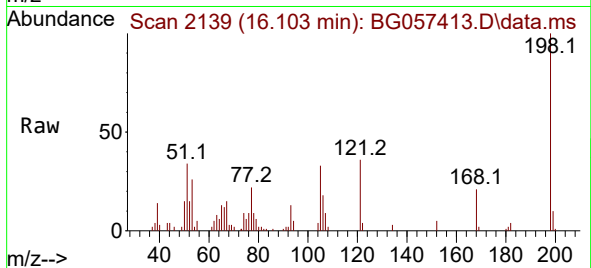
Tgt Ion:188 Resp: 130351
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 7.0 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 26.048 ng
RT: 16.103 min Scan# 2139
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

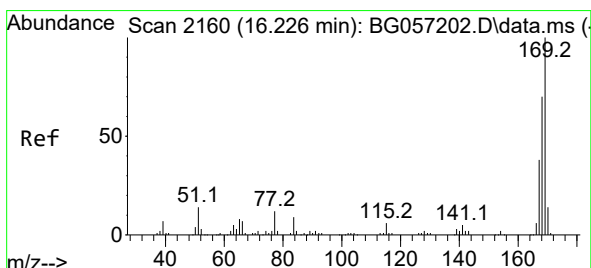
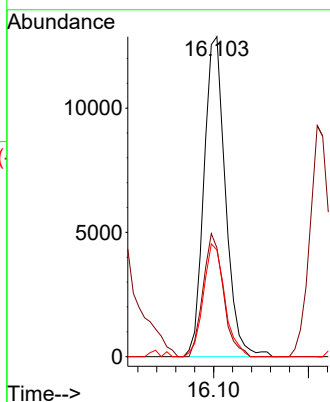
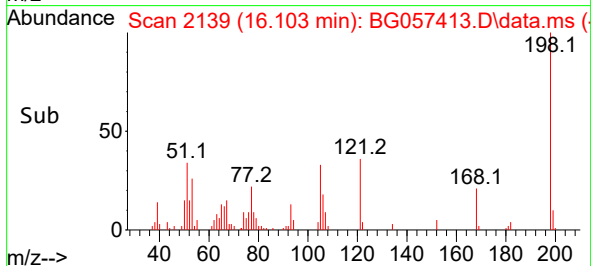
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



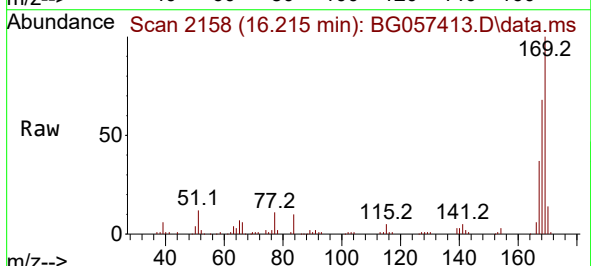
Tgt Ion:198 Resp: 2027
Ion Ratio Lower Upper
198 100
51 34.0 16.1 56.1
105 33.3 14.0 54.0

Manual Integrations
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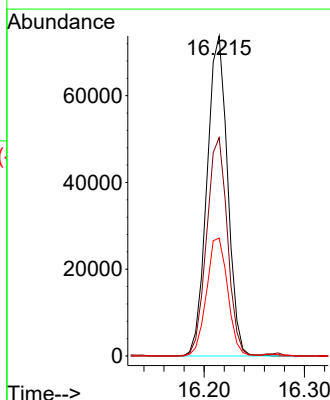
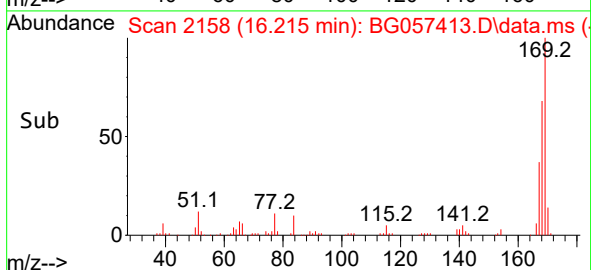
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 29.785 ng
RT: 16.215 min Scan# 2158
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



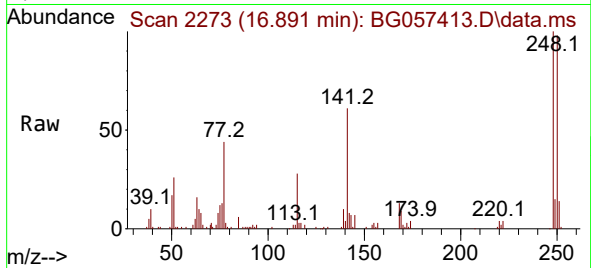
Tgt Ion:169 Resp: 105450
Ion Ratio Lower Upper
169 100
168 68.2 56.2 84.4
167 36.9 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 29.330 ng
RT: 16.891 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

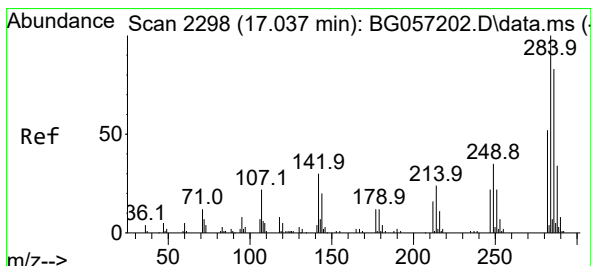
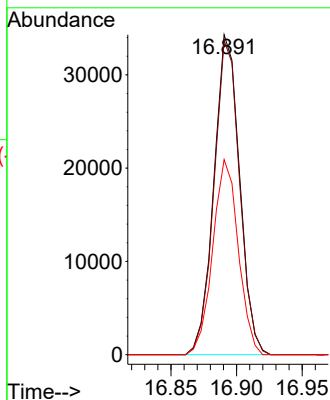
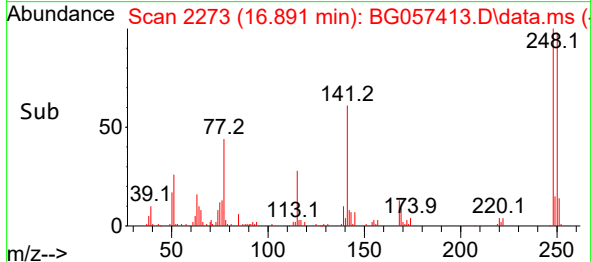
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



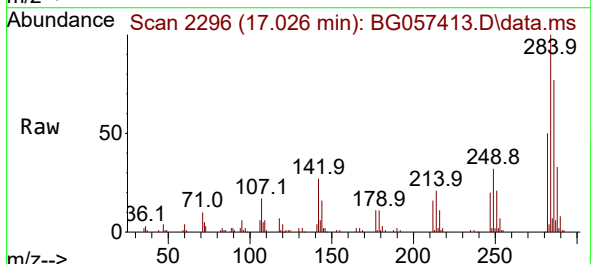
Tgt Ion:248 Resp: 46672
Ion Ratio Lower Upper
248 100
250 98.3 77.0 115.6
141 60.9 48.6 72.8

Manual Integrations
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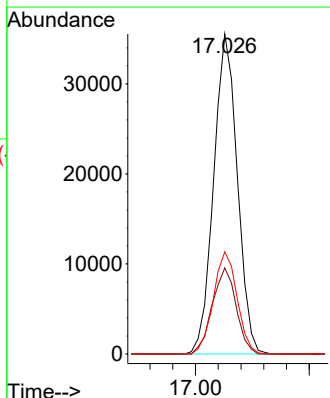
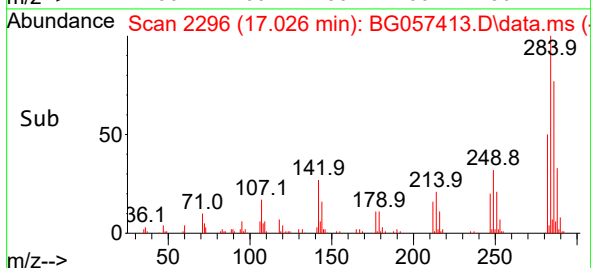
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

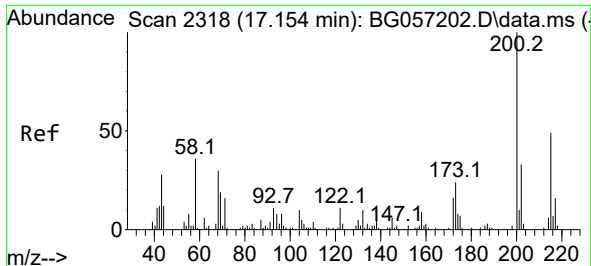


#68
Hexachlorobenzene
Concen: 33.157 ng
RT: 17.026 min Scan# 2296
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



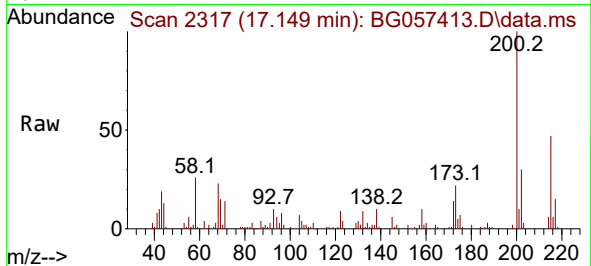
Tgt Ion:284 Resp: 51272
Ion Ratio Lower Upper
284 100
142 26.9 23.9 35.9
249 31.9 27.7 41.5





#69
 Atrazine
 Concen: 33.700 ng
 RT: 17.149 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057413.D
 Acq: 12 May 2023 17:33

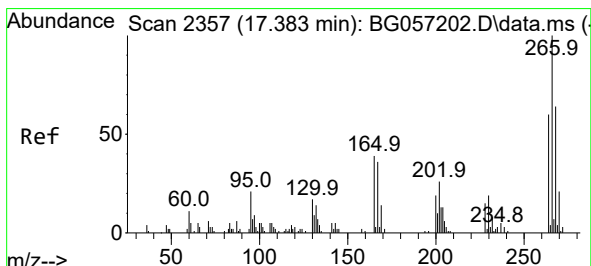
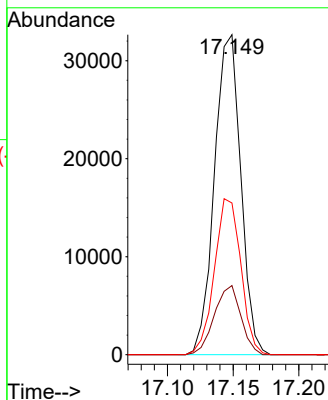
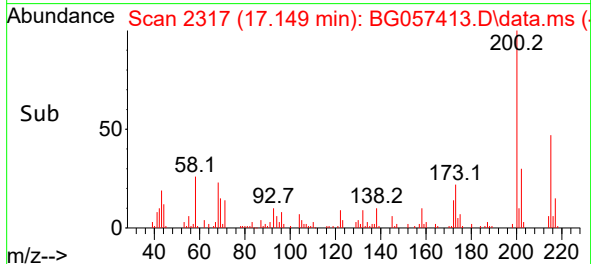
Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023MS



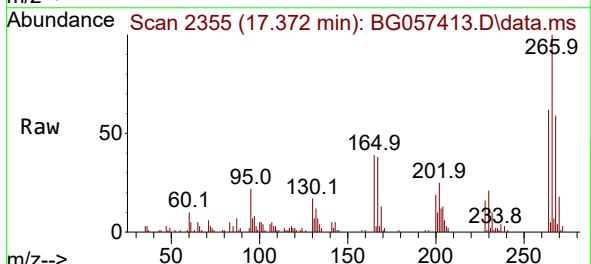
Tgt Ion:200 Resp: 45512
 Ion Ratio Lower Upper
 200 100
 173 21.6 4.3 44.3
 215 47.4 29.3 69.3

Manual Integrations
 APPROVED

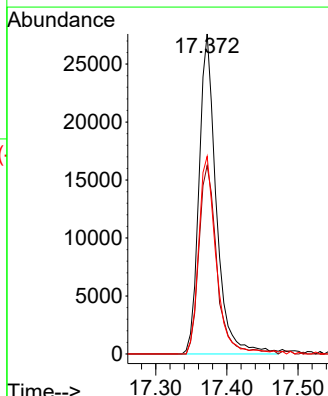
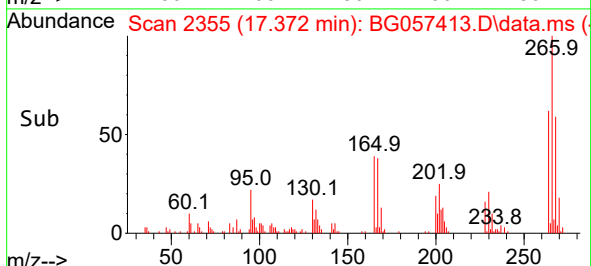
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

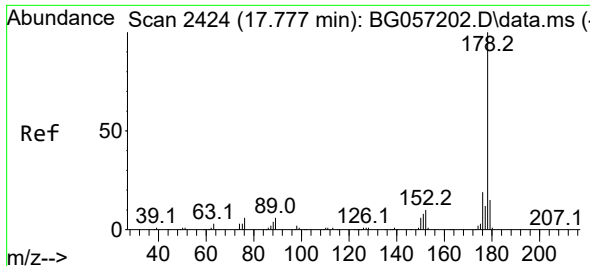


#70
 Pentachlorophenol
 Concen: 52.300 ng
 RT: 17.372 min Scan# 2355
 Delta R.T. -0.002 min
 Lab File: BG057413.D
 Acq: 12 May 2023 17:33



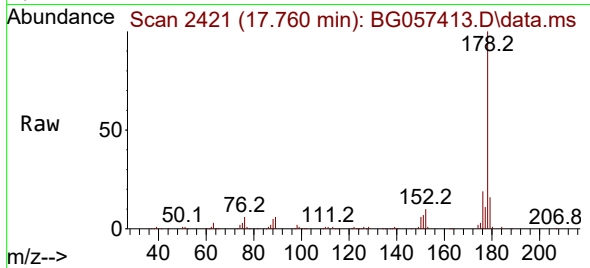
Tgt Ion:266 Resp: 46609
 Ion Ratio Lower Upper
 266 100
 268 58.9 51.0 76.6
 264 61.7 47.8 71.6





#71
Phenanthrene
Concen: 30.445 ng
RT: 17.760 min Scan# 2424
Delta R.T. -0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

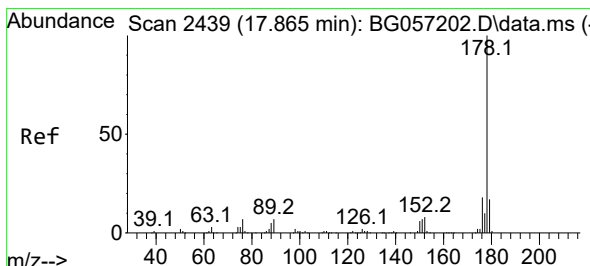
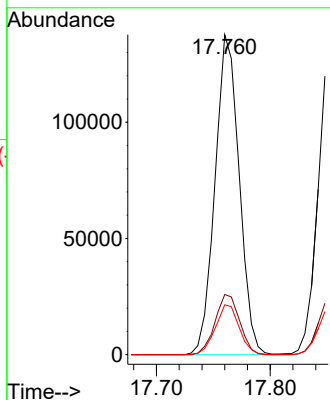
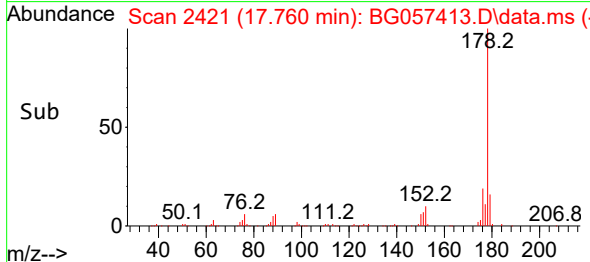
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



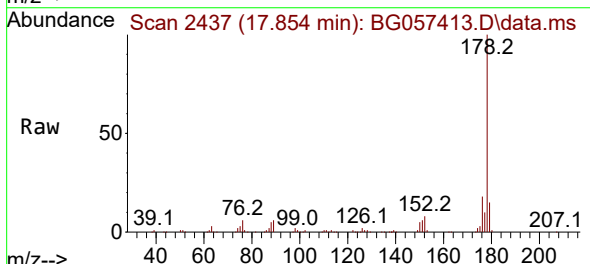
Tgt Ion:178 Resp: 203352
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.3 18.5

Manual Integrations
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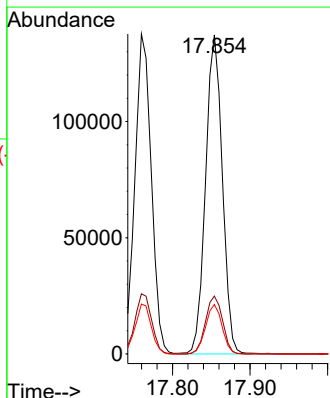
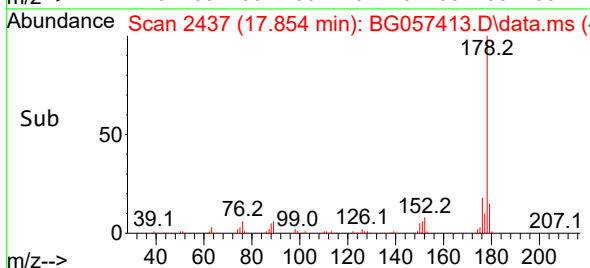
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

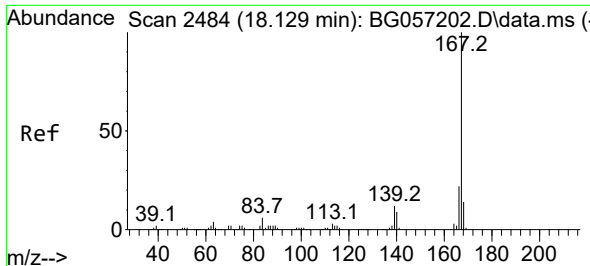


#72
Anthracene
Concen: 30.059 ng
RT: 17.854 min Scan# 2437
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



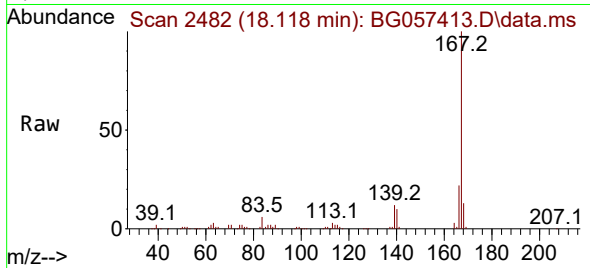
Tgt Ion:178 Resp: 206011
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.5 13.2 19.8





#73
Carbazole
Concen: 31.368 ng
RT: 18.118 min Scan# 2482
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

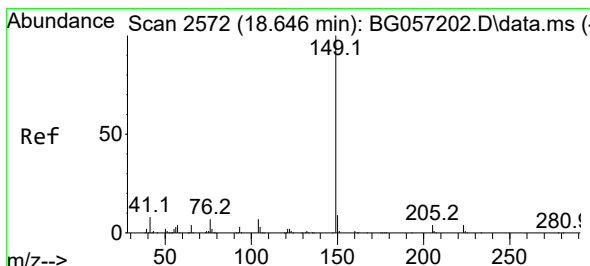
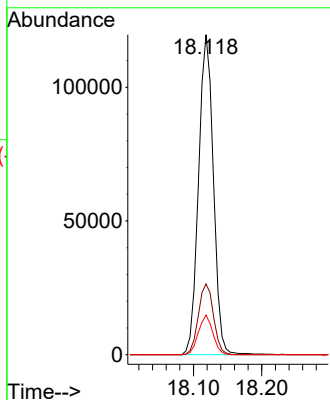
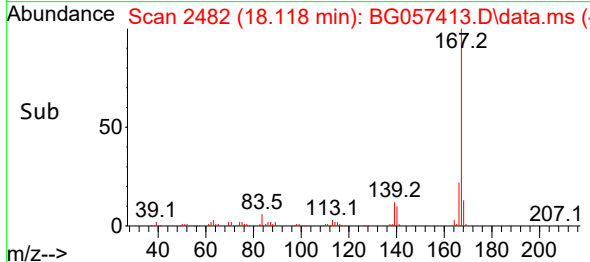
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



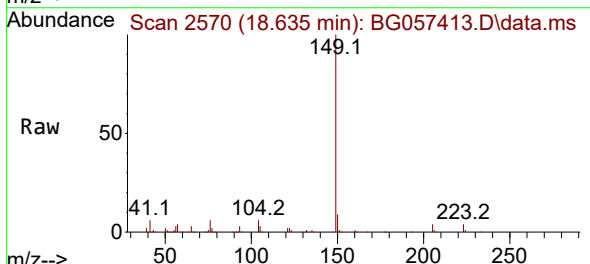
Tgt Ion:167 Resp: 18098
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 12.3 9.6 14.4

Manual Integrations
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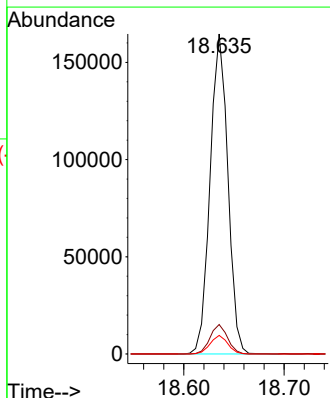
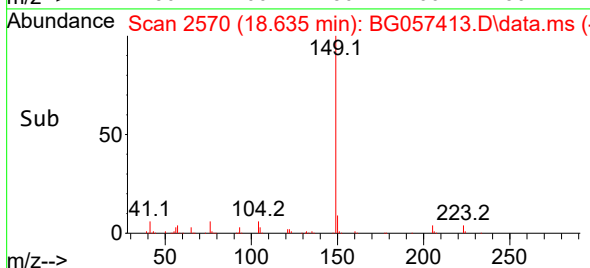
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

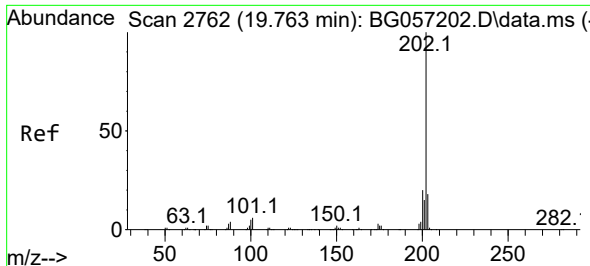


#74
Di-n-butylphthalate
Concen: 30.462 ng
RT: 18.635 min Scan# 2570
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



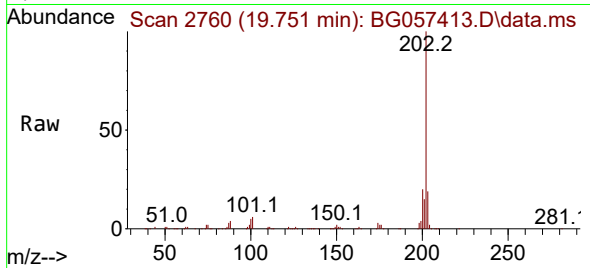
Tgt Ion:149 Resp: 202225
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.8 5.4 8.2





#75
Fluoranthene
Concen: 29.995 ng
RT: 19.751 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

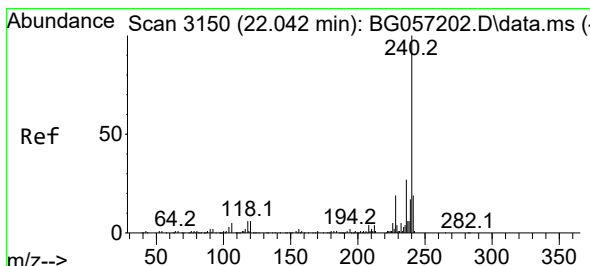
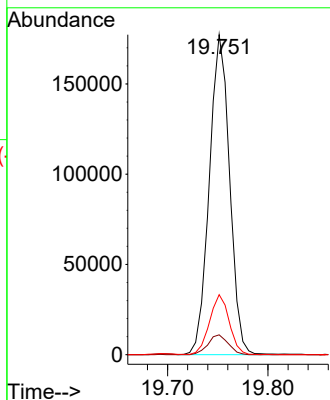
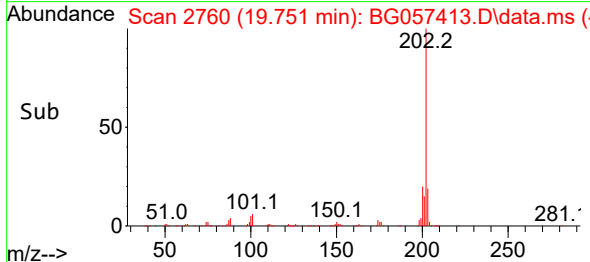
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:202 Resp: 24918
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.2
203 18.8 0.0 37.9

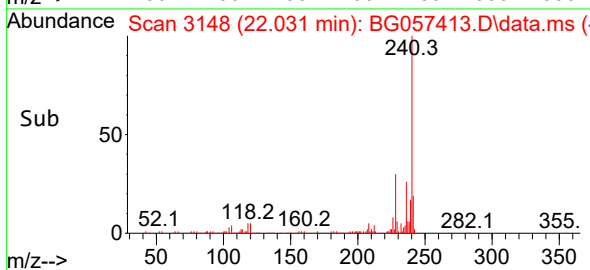
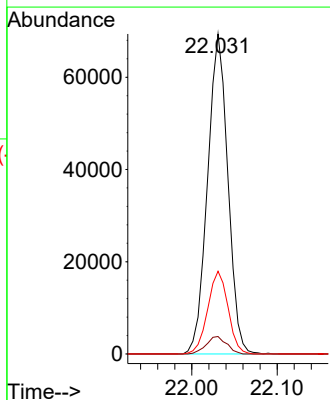
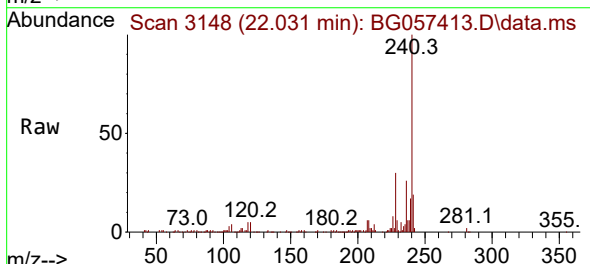
Manual Integrations
APPROVED

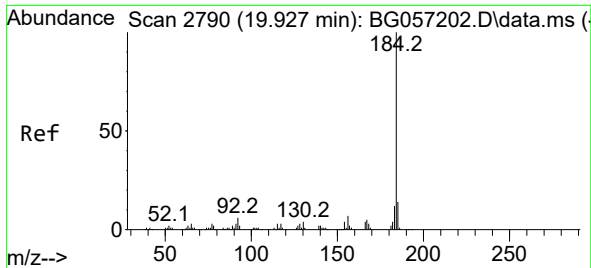
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.031 min Scan# 3148
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

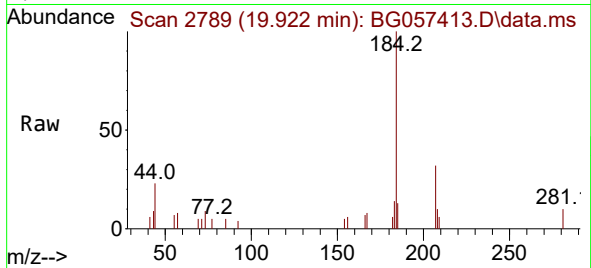
Tgt Ion:240 Resp: 114677
Ion Ratio Lower Upper
240 100
120 5.4 4.9 7.3
236 25.9 21.4 32.2





#77
Benzidine
Concen: 2.379 ng
RT: 19.922 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

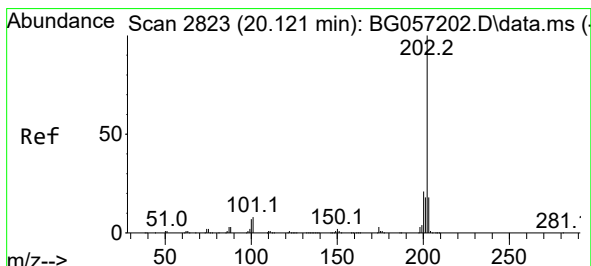
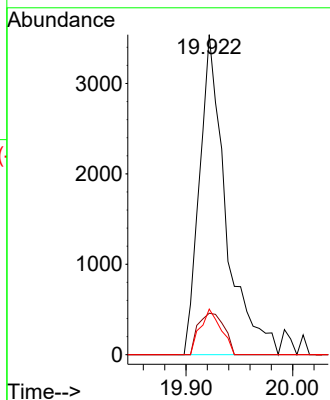
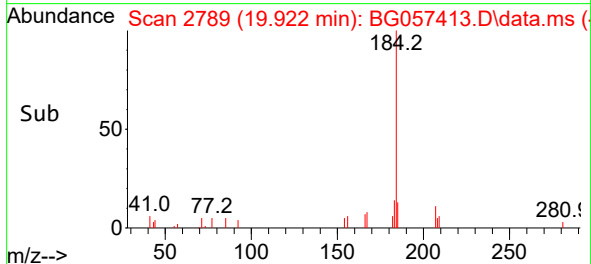
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



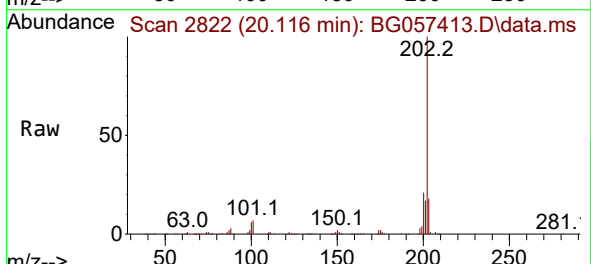
Tgt Ion:184 Resp: 6095
Ion Ratio Lower Upper
184 100
185 13.0 11.1 16.7
183 14.3 9.9 14.9

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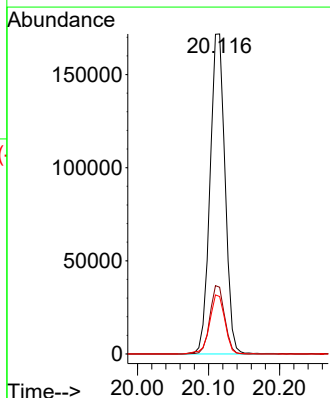
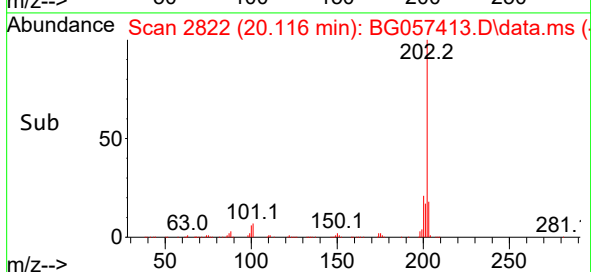
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

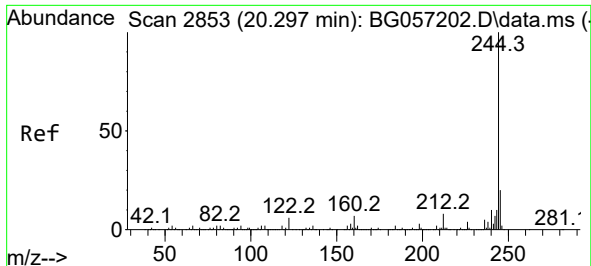


#78
Pyrene
Concen: 30.239 ng
RT: 20.116 min Scan# 2822
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



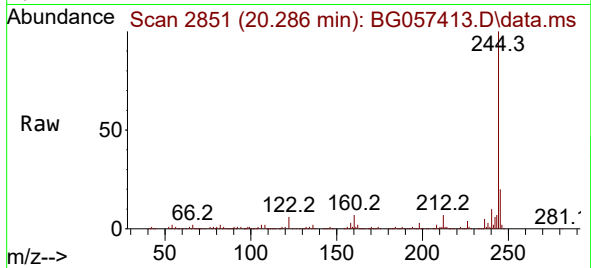
Tgt Ion:202 Resp: 251983
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 18.0 14.2 21.4





#79
 Terphenyl-d14
 Concen: 62.934 ng
 RT: 20.286 min Scan# 2853
 Delta R.T. -0.002 min
 Lab File: BG057413.D
 Acq: 12 May 2023 17:33

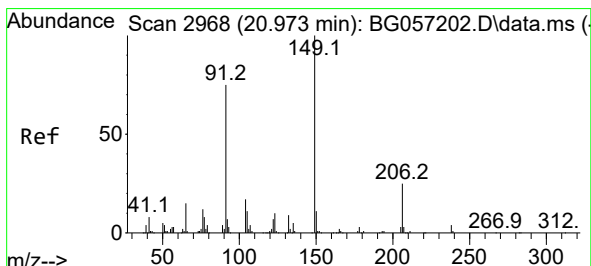
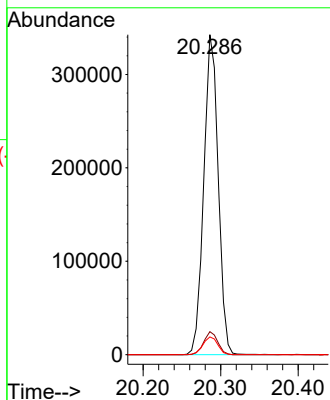
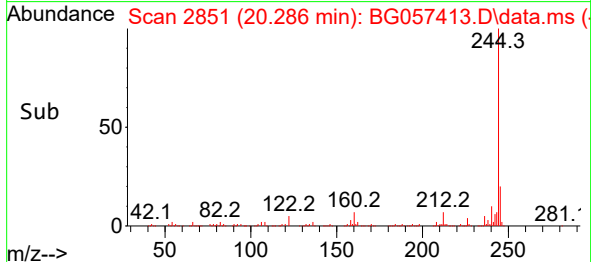
Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023MS



Tgt Ion:244 Resp: 442240
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.5 5.1 7.7

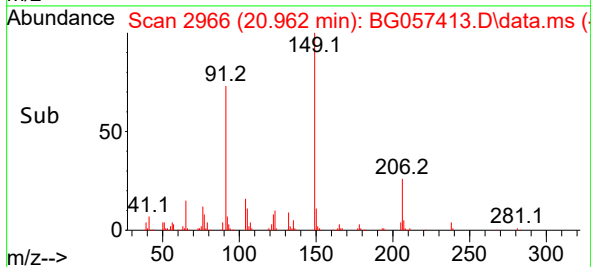
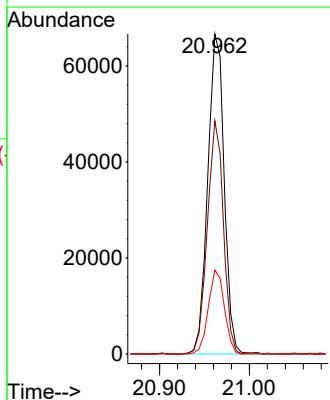
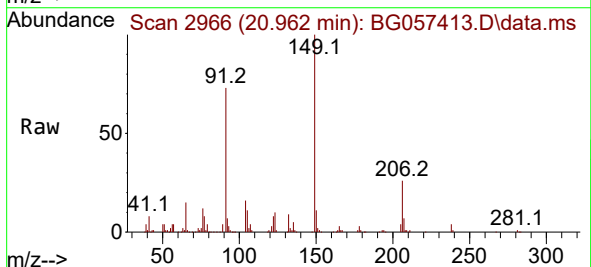
Manual Integrations
 APPROVED

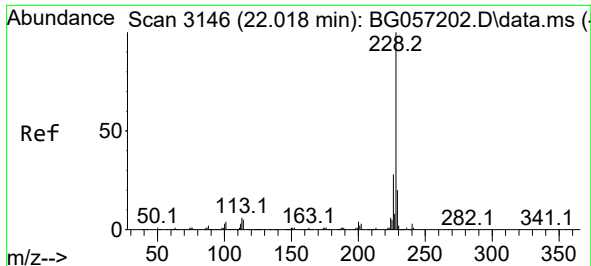
Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#80
 Butylbenzylphthalate
 Concen: 32.049 ng
 RT: 20.962 min Scan# 2966
 Delta R.T. -0.002 min
 Lab File: BG057413.D
 Acq: 12 May 2023 17:33

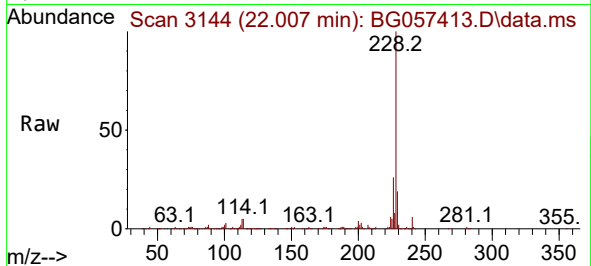
Tgt Ion:149 Resp: 84740
 Ion Ratio Lower Upper
 149 100
 91 72.9 59.7 89.5
 206 26.2 19.7 29.5





#81
Benzo(a)anthracene
Concen: 30.301 ng
RT: 22.007 min Scan# 3144
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

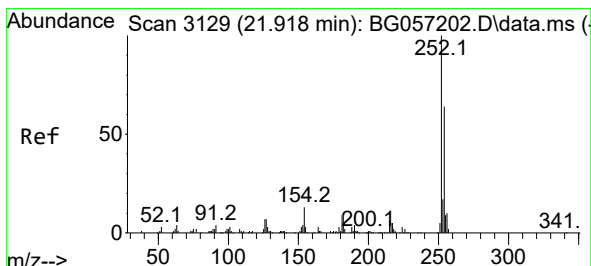
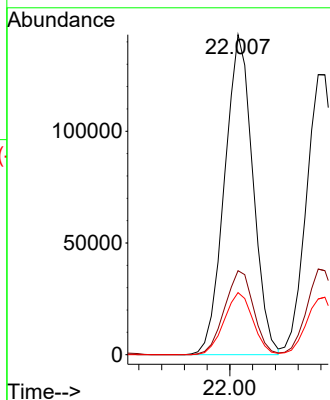
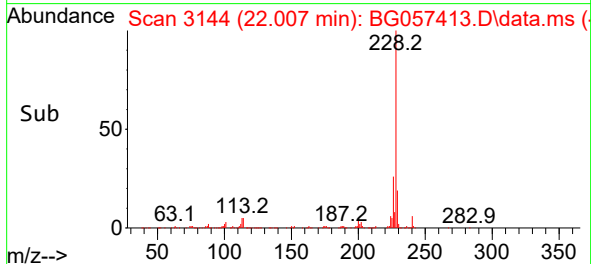
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:228 Resp: 247560
Ion Ratio Lower Upper
228 100
226 26.2 22.0 33.0
229 19.4 15.8 23.8

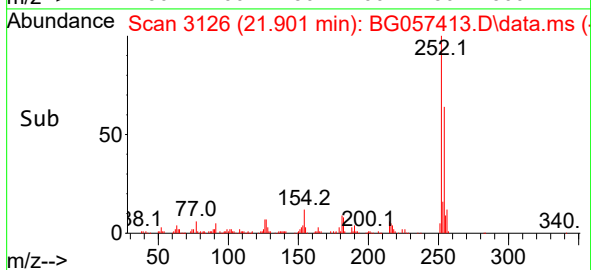
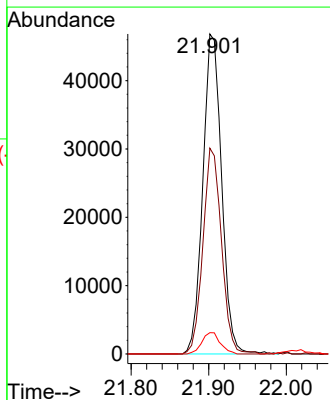
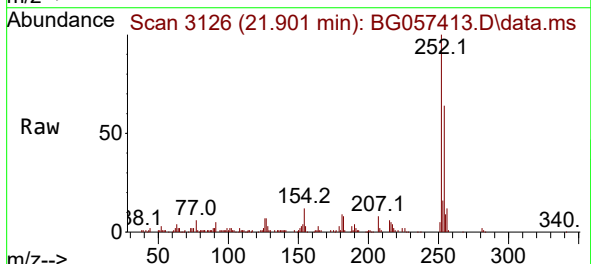
Manual Integrations
APPROVED

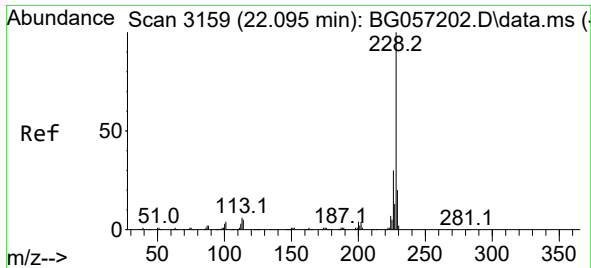
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.084 ng
RT: 21.901 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

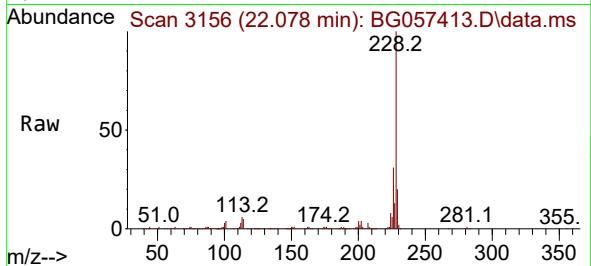
Tgt Ion:252 Resp: 78731
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.0
126 6.7 5.9 8.9





#83
Chrysene
Concen: 29.523 ng
RT: 22.078 min Scan# 3159
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

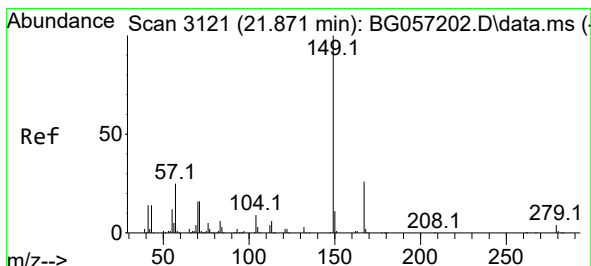
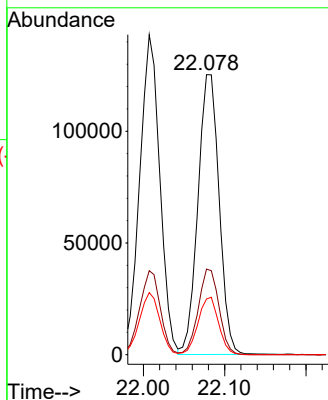
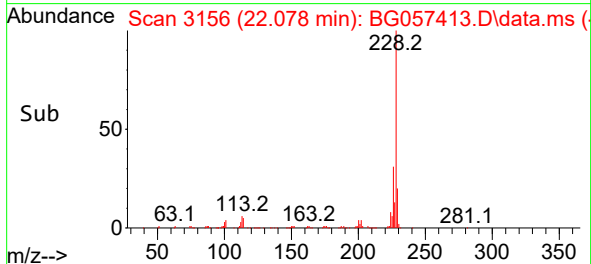
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



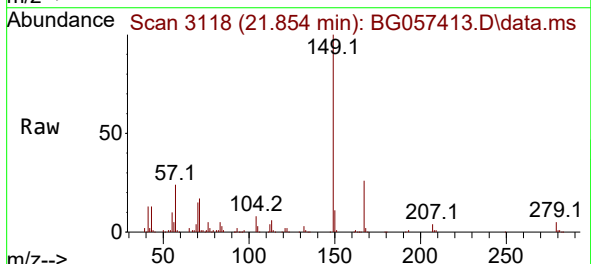
Tgt Ion:228 Resp: 226950
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.9 15.9 23.9

Manual Integrations
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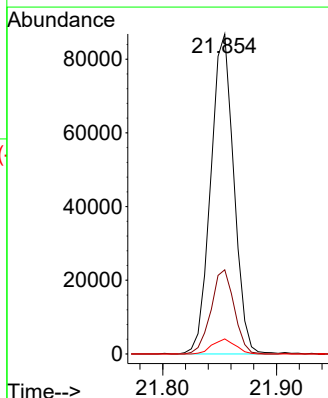
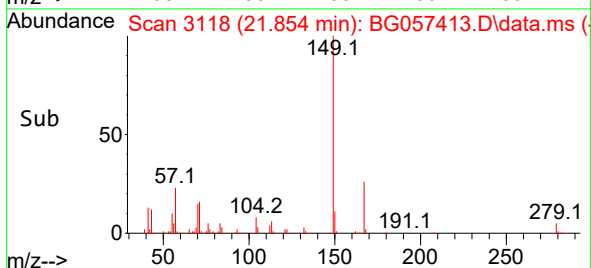
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

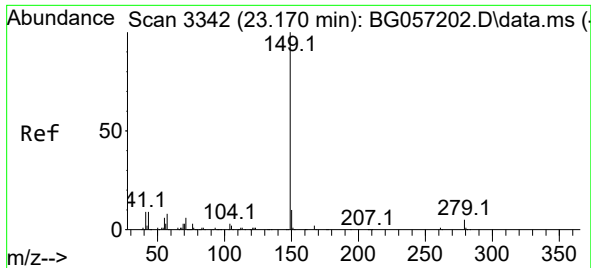


#84
Bis(2-ethylhexyl)phthalate
Concen: 31.279 ng
RT: 21.854 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33



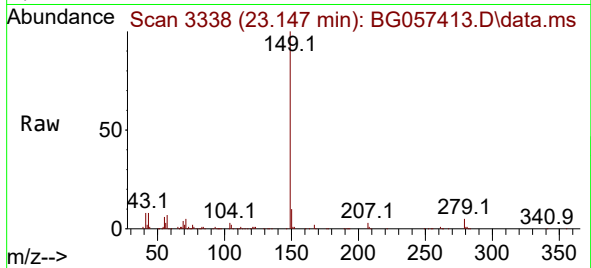
Tgt Ion:149 Resp: 122364
Ion Ratio Lower Upper
149 100
167 26.3 21.2 31.8
279 4.7 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 31.645 ng
RT: 23.147 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

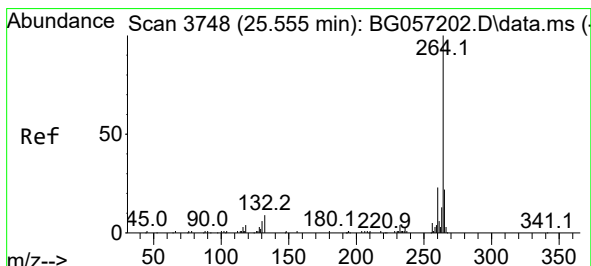
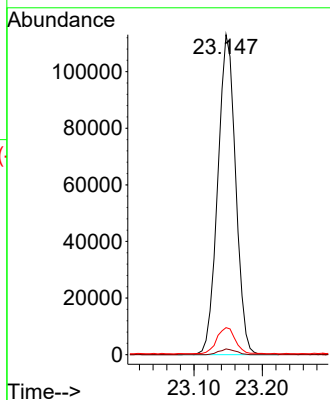
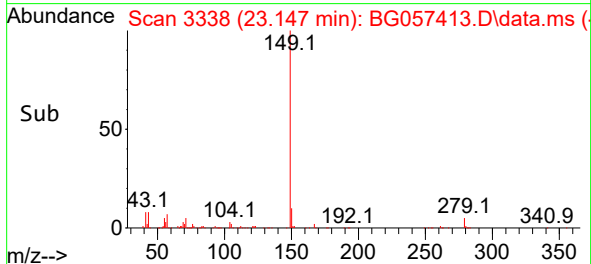
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:149 Resp: 206380
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.4 7.8 11.8

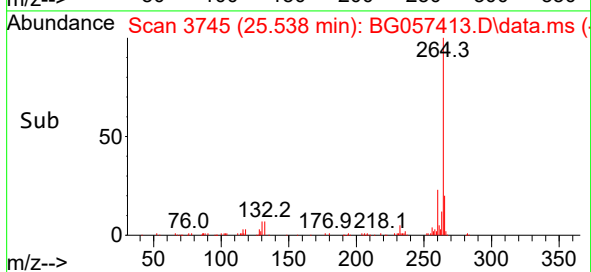
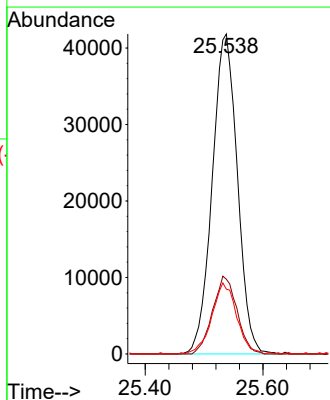
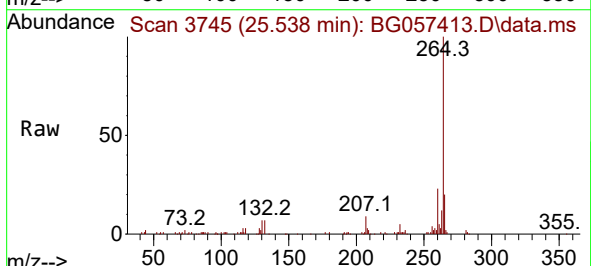
Manual Integrations
APPROVED

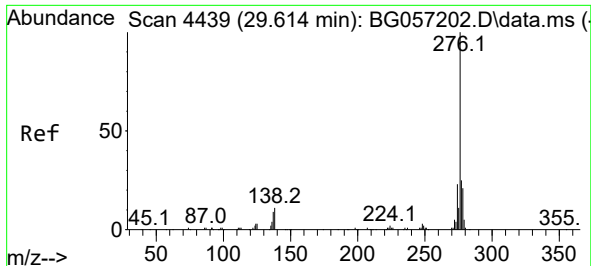
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.538 min Scan# 3745
Delta R.T. 0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

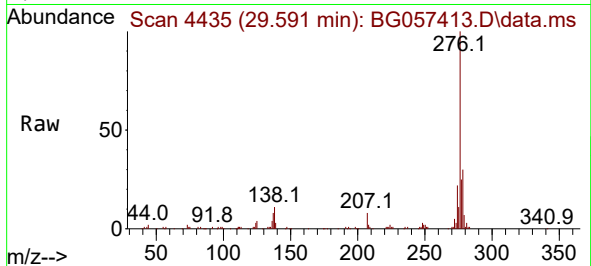
Tgt Ion:264 Resp: 124107
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 20.3 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 30.294 ng
RT: 29.591 min Scan# 4439
Delta R.T. -0.008 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

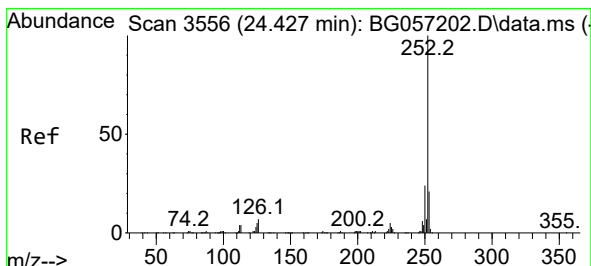
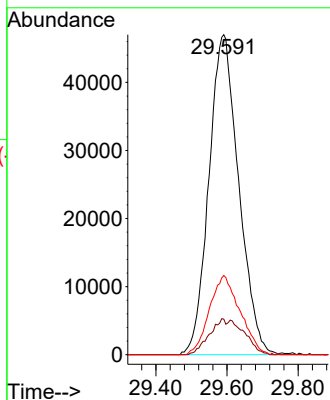
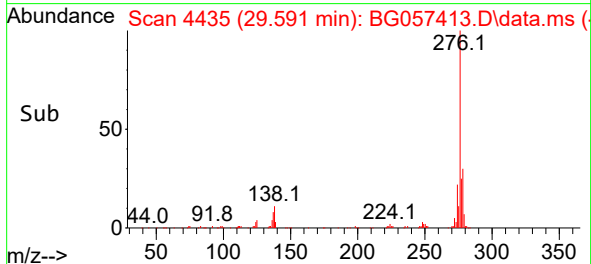
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:276 Resp: 27401
Ion Ratio Lower Upper
276 100
138 6.3 5.4 8.0
277 25.4 20.6 30.8

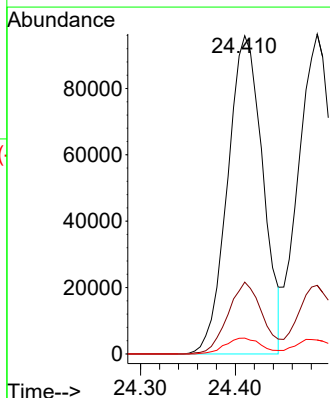
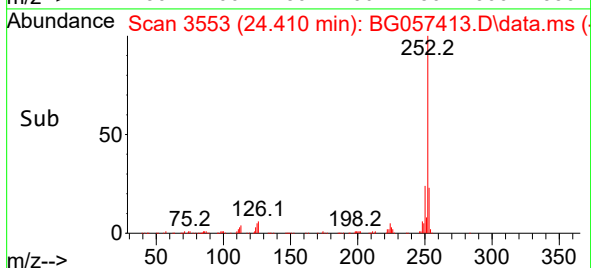
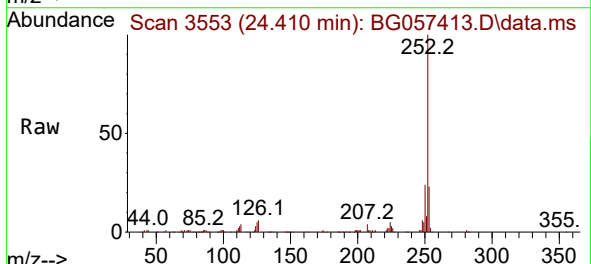
Manual Integrations
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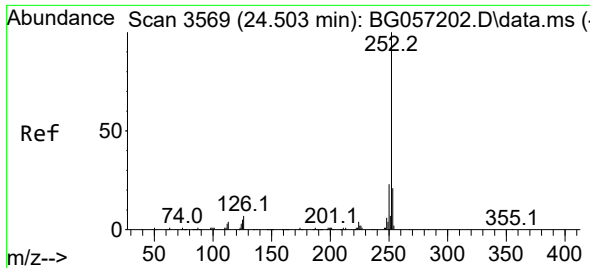
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#88
Benzo(b)fluoranthene
Concen: 30.608 ng
RT: 24.410 min Scan# 3553
Delta R.T. -0.003 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

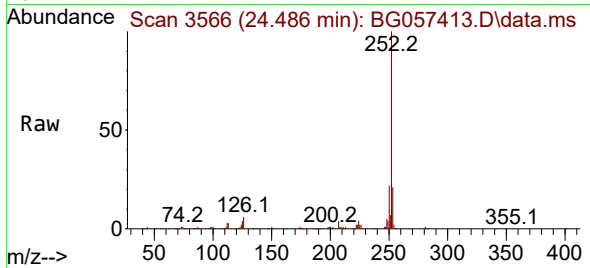
Tgt Ion:252 Resp: 248315
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 5.0 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 29.855 ng
RT: 24.486 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

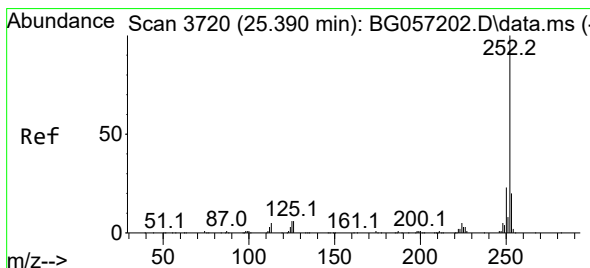
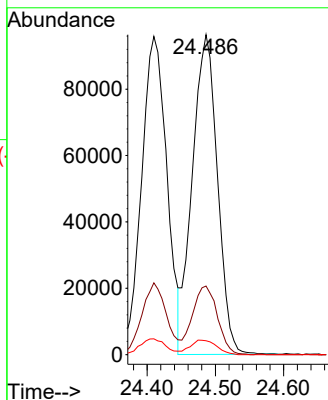
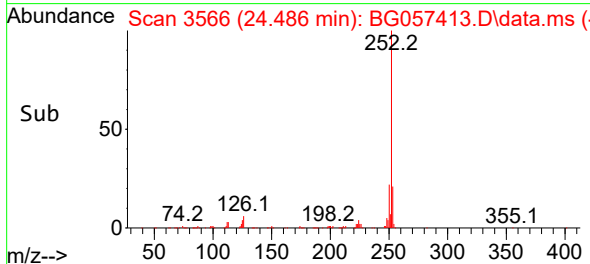
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:252 Resp: 24612
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 4.3 4.1 6.1

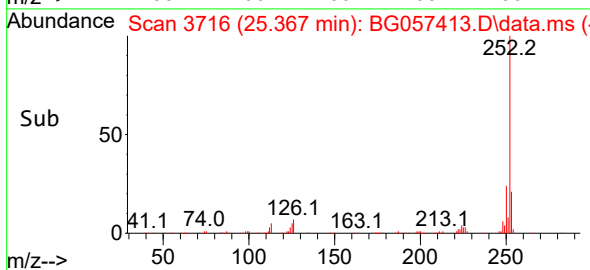
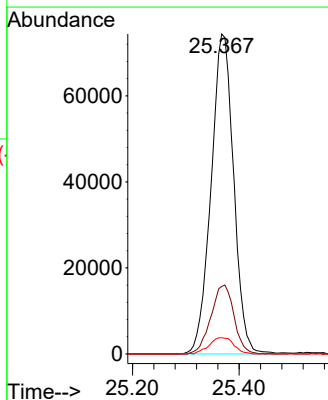
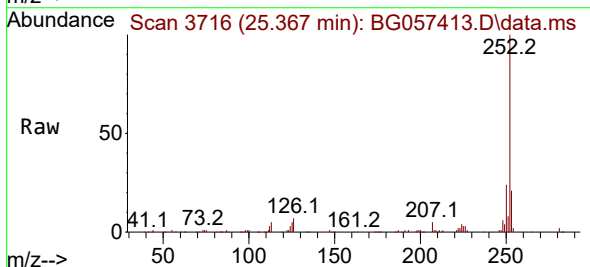
Manual Integrations
APPROVED

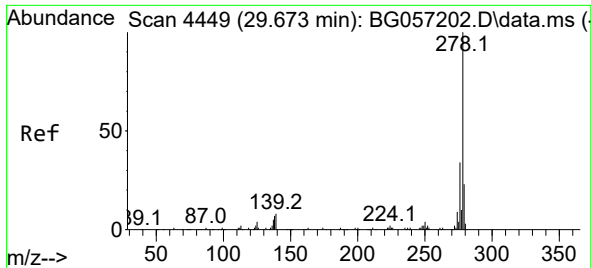
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#90
Benzo(a)pyrene
Concen: 27.571 ng
RT: 25.367 min Scan# 3716
Delta R.T. -0.008 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

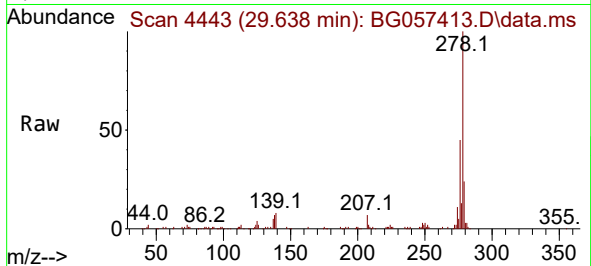
Tgt Ion:252 Resp: 218528
Ion Ratio Lower Upper
252 100
253 21.1 16.3 24.5
125 5.1 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 30.431 ng
RT: 29.638 min Scan# 4443
Delta R.T. -0.014 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

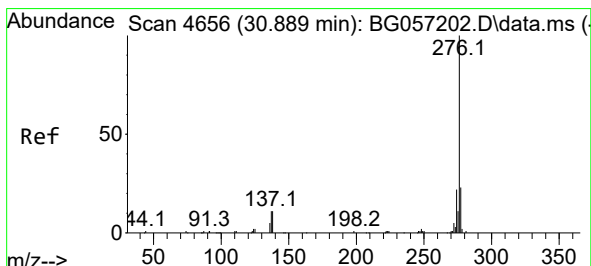
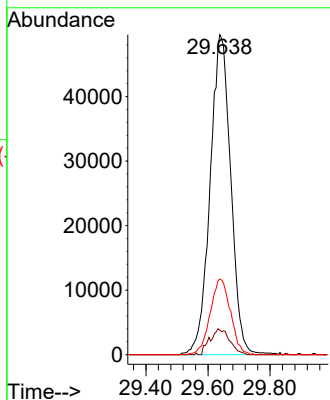
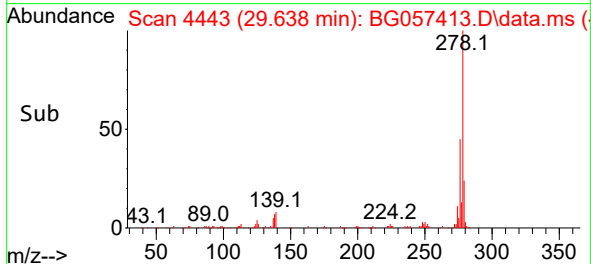
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023MS



Tgt Ion:278 Resp: 229228
Ion Ratio Lower Upper
278 100
139 7.7 6.2 9.2
279 23.6 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#92
Benzo(g,h,i)perylene
Concen: 29.603 ng
RT: 30.866 min Scan# 4652
Delta R.T. -0.008 min
Lab File: BG057413.D
Acq: 12 May 2023 17:33

Tgt Ion:276 Resp: 217735
Ion Ratio Lower Upper
276 100
277 22.7 18.4 27.6
138 10.3 9.0 13.4

