

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056034.D
 Acq On : 20 Dec 2022 17:47
 Operator : CG/JU
 Sample : N6135-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11977MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 02:38:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 01:11:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.369	152	10130	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	39348	20.000	ng	# 0.00
39) Acenaphthene-d10	14.973	164	32761	20.000	ng	0.00
64) Phenanthrene-d10	17.711	188	82716	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	83527	20.000	ng	0.01
86) Perylene-d12	25.520	264	99799	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.890	112	55392	128.237	ng	0.01
7) Phenol-d6	7.500	99	69316	124.770	ng	0.00
23) Nitrobenzene-d5	9.545	82	45707	81.176	ng	0.00
42) 2,4,6-Tribromophenol	16.454	330	90642	114.742	ng	0.00
45) 2-Fluorobiphenyl	13.604	172	154191	66.008	ng	0.00
79) Terphenyl-d14	20.285	244	288650	61.077	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.710	88	5306	42.210	ng	95
3) Pyridine	4.127	79	14479	35.000	ng	96
4) n-Nitrosodimethylamine	4.039	42	14043	37.762	ng	85
6) Aniline	7.682	93	16320	24.536	ng	97
8) 2-Chlorophenol	7.929	128	25913	46.500	ng	93
9) Benzaldehyde	7.494	77	14375	41.201	ng	93
10) Phenol	7.529	94	27728	45.604	ng	99
11) bis(2-Chloroethyl)ether	7.770	93	16971	42.851	ng	93
12) 1,3-Dichlorobenzene	8.258	146	30877	42.832	ng	90
13) 1,4-Dichlorobenzene	8.405	146	32120	43.599	ng	97
14) 1,2-Dichlorobenzene	8.728	146	30719	43.631	ng	97
15) Benzyl Alcohol	8.599	79	24098	41.746	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.886	45	23738	46.052	ng	94
17) 2-Methylphenol	8.798	107	21399	44.732	ng	93
18) Hexachloroethane	9.468	117	10353	46.295	ng	91
19) n-Nitroso-di-n-propyla...	9.174	70	16088	40.401	ng	# 93
20) 3+4-Methylphenols	9.127	107	29211	42.789	ng	93
22) Acetophenone	9.192	105	38741	39.717	ng	# 98
24) Nitrobenzene	9.586	77	26513	46.781	ng	97
25) Isophorone	10.109	82	46741	39.588	ng	98
26) 2-Nitrophenol	10.302	139	16061	47.871	ng	96
27) 2,4-Dimethylphenol	10.344	122	26243m	46.574	ng	
28) bis(2-Chloroethoxy)met...	10.584	93	24328	46.621	ng	97
29) 2,4-Dichlorophenol	10.837	162	34231	42.802	ng	99
30) 1,2,4-Trichlorobenzene	11.060	180	43665	42.000	ng	94
31) Naphthalene	11.254	128	83696	40.312	ng	97
32) Benzoic acid	10.473	122	20239	42.602	ng	89
33) 4-Chloroaniline	11.348	127	11458	12.874	ng	95
34) Hexachlorobutadiene	11.530	225	37897	38.774	ng	96
35) Caprolactam	12.124	113	8475m	38.034	ng	
36) 4-Chloro-3-methylphenol	12.441	107	30223	40.301	ng	92
37) 2-Methylnaphthalene	12.829	142	71553	39.008	ng	97
38) 1-Methylnaphthalene	13.046	142	66211	37.053	ng	97
40) 1,2,4,5-Tetrachloroben...	13.187	216	63670	46.063	ng	99
41) Hexachlorocyclopentadiene	13.170	237	60679	77.381	ng	98
43) 2,4,6-Trichlorophenol	13.416	196	38484	47.034	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056034.D
 Acq On : 20 Dec 2022 17:47
 Operator : CG/JU
 Sample : N6135-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11977MS

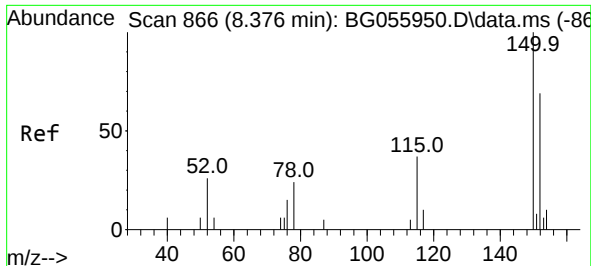
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/21/2022
 Supervised By : Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 02:38:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 01:11:10 2022
 Response via : Initial Calibration

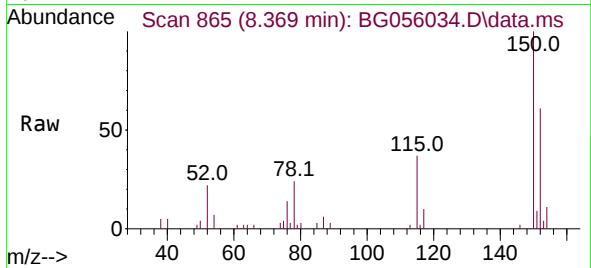
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.487	196	41740	45.254	ng	94
46) 1,1'-Biphenyl	13.816	154	101254	45.597	ng	99
47) 2-Chloronaphthalene	13.869	162	80014	44.345	ng	94
48) 2-Nitroaniline	14.051	65	17927	50.260	ng	91
49) Acenaphthylene	14.703	152	127536	44.282	ng	99
50) Dimethylphthalate	14.415	163	106709	37.675	ng	98
51) 2,6-Dinitrotoluene	14.539	165	22164	50.567	ng	94
52) Acenaphthene	15.038	154	89184	46.126	ng	95
53) 3-Nitroaniline	14.868	138	13080	29.339	ng	# 98
54) 2,4-Dinitrophenol	15.073	184	20689	63.493	ng	# 75
55) Dibenzofuran	15.373	168	134488	41.363	ng	99
56) 4-Nitrophenol	15.161	139	33812	94.642	ng	94
57) 2,4-Dinitrotoluene	15.320	165	31489	47.594	ng	# 83
58) Fluorene	16.019	166	108168	40.697	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.590	232	44671	42.394	ng	# 99
60) Diethylphthalate	15.767	149	100652	36.357	ng	98
61) 4-Chlorophenyl-phenyle...	15.996	204	72387	39.979	ng	97
62) 4-Nitroaniline	16.025	138	18414	37.927	ng	95
63) Azobenzene	16.290	77	66206	39.292	ng	99
65) 4,6-Dinitro-2-methylph...	16.078	198	14760	37.354	ng	94
66) n-Nitrosodiphenylamine	16.207	169	95425	44.023	ng	99
67) 4-Bromophenyl-phenylether	16.889	248	52980	43.711	ng	94
68) Hexachlorobenzene	17.018	284	63754	42.704	ng	98
69) Atrazine	17.147	200	44621	45.463	ng	97
70) Pentachlorophenol	17.359	266	86753	101.644	ng	95
71) Phenanthrene	17.758	178	259765	59.926	ng	99
72) Anthracene	17.847	178	194912	45.450	ng	99
73) Carbazole	18.105	167	148934	42.108	ng	99
74) Di-n-butylphthalate	18.640	149	156532	38.056	ng	99
75) Fluoranthene	19.744	202	468481	77.180	ng	98
77) Benzidine	19.909	184	28955	19.739	ng	97
78) Pyrene	20.109	202	476210	94.219	ng	99
80) Butylbenzylphthalate	20.966	149	63388	44.259	ng	97
81) Benzo(a)anthracene	22.001	228	472714	80.426	ng	99
82) 3,3'-Dichlorobenzidine	21.901	252	52671	24.907	ng	99
83) Chrysene	22.077	228	421730	76.559	ng	98
84) Bis(2-ethylhexyl)phtha...	21.871	149	92790	43.608	ng	96
85) Di-n-octyl phthalate	23.176	149	159725	44.253	ng	# 99
87) Indeno(1,2,3-cd)pyrene	29.568	276	407848	50.821	ng	# 96
88) Benzo(b)fluoranthene	24.415	252	593721	91.923	ng	99
89) Benzo(k)fluoranthene	24.480	252	431486m	66.958	ng	
90) Benzo(a)pyrene	25.361	252	469441	85.985	ng	100
91) Dibenzo(a,h)anthracene	29.621	278	259634	38.653	ng	100
92) Benzo(g,h,i)perylene	30.825	276	327219	50.385	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.369 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

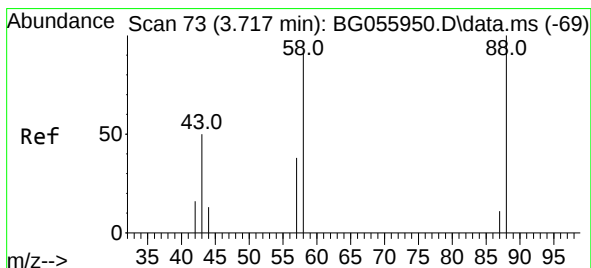
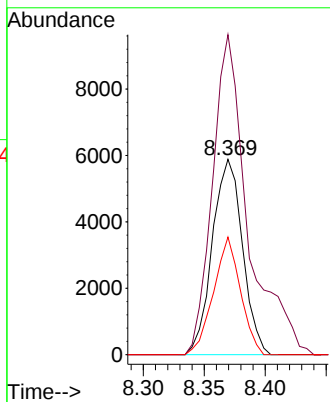
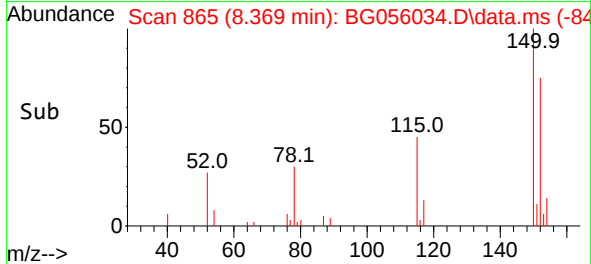
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion: 152 Resp: 10130
Ion Ratio Lower Upper
152 100
150 163.8 115.7 173.5
115 60.2 43.0 64.4

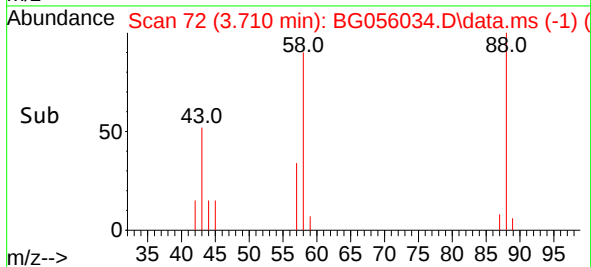
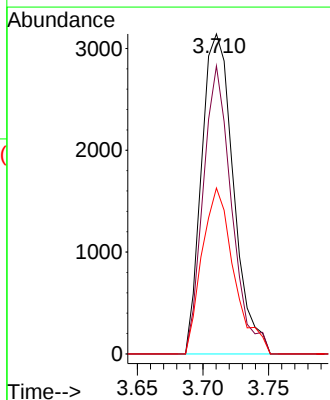
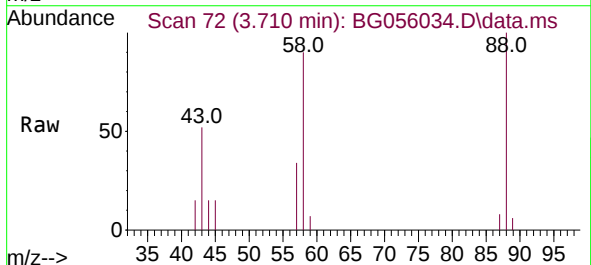
Manual Integrations
APPROVED

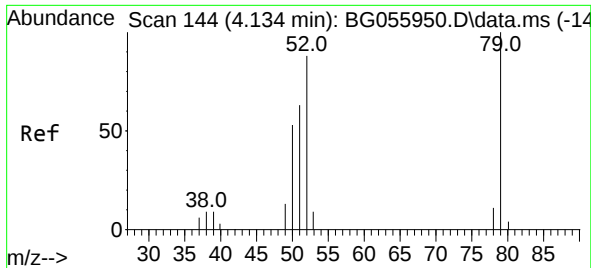
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#2
1,4-Dioxane
Concen: 42.210 ng
RT: 3.710 min Scan# 72
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

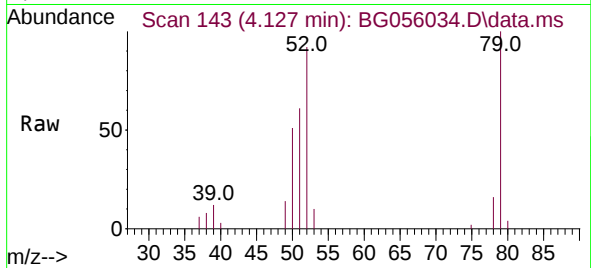
Tgt Ion: 88 Resp: 5306
Ion Ratio Lower Upper
88 100
58 80.2 67.0 100.4
43 51.9 45.7 68.5





#3
Pyridine
Concen: 35.000 ng
RT: 4.127 min Scan# 144
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

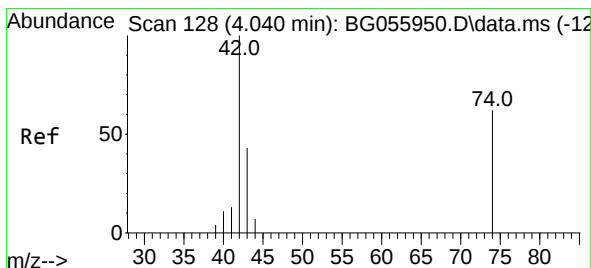
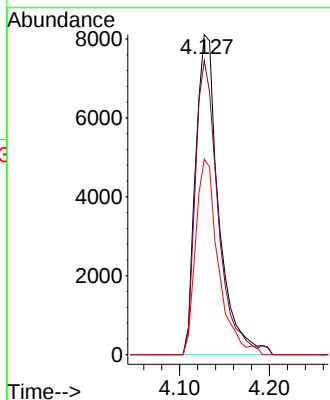
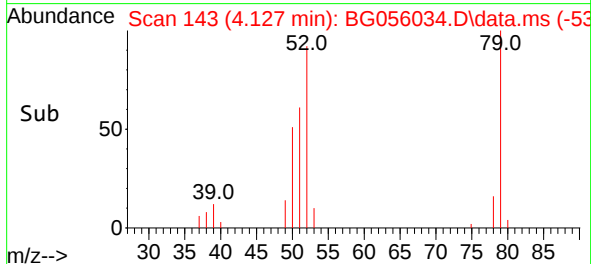
Instrument :
BNA_G
ClientSampleId :
72-11977MS



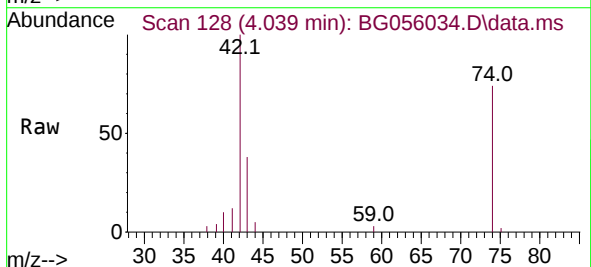
Tgt Ion: 79 Resp: 14479
Ion Ratio Lower Upper
79 100
52 91.9 70.3 105.5
51 61.1 50.6 76.0

Manual Integrations
APPROVED

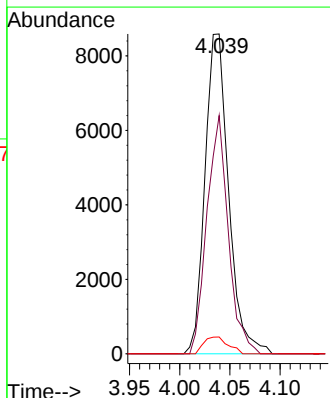
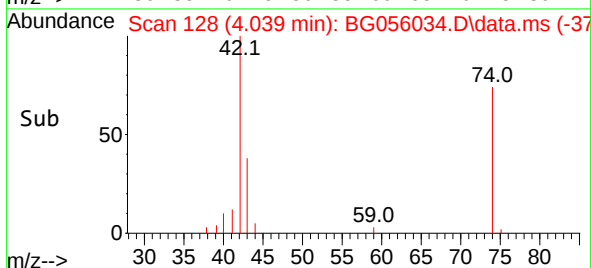
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

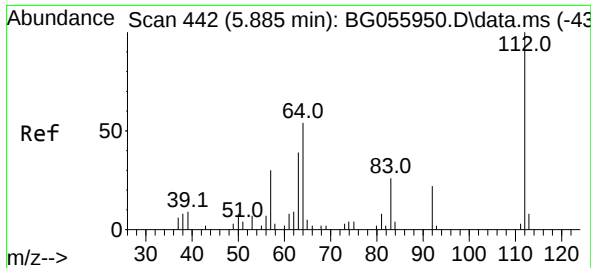


#4
n-Nitrosodimethylamine
Concen: 37.762 ng
RT: 4.039 min Scan# 128
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



Tgt Ion: 42 Resp: 14043
Ion Ratio Lower Upper
42 100
74 74.5 49.8 74.6
44 5.3 5.2 7.8





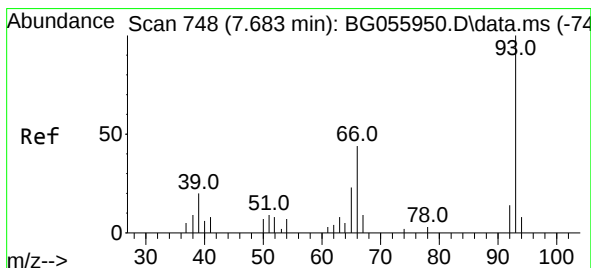
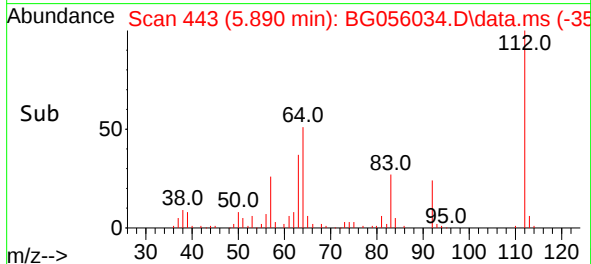
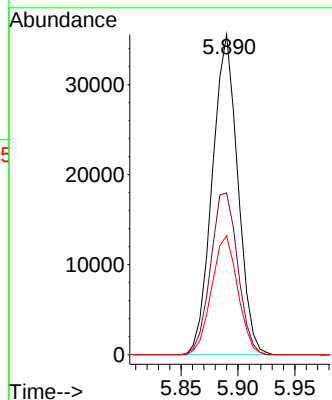
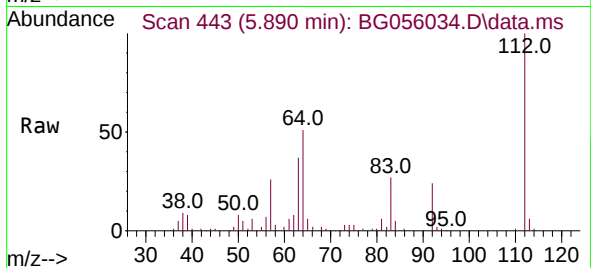
#5
2-Fluorophenol
Concen: 128.237 ng
RT: 5.890 min Scan# 442
Delta R.T. 0.010 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :
BNA_G
ClientSampleId :
72-11977MS

Tgt Ion:112 Resp: 55392
Ion Ratio Lower Upper
112 100
64 50.5 43.0 64.4
63 37.1 31.4 47.2

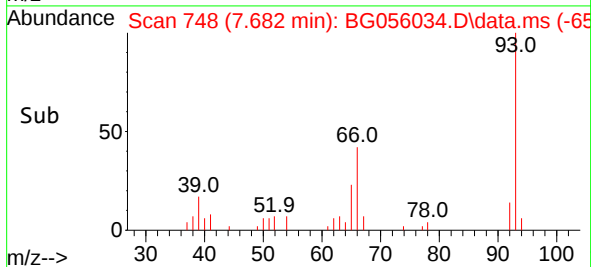
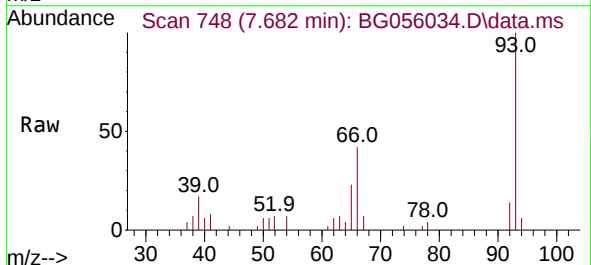
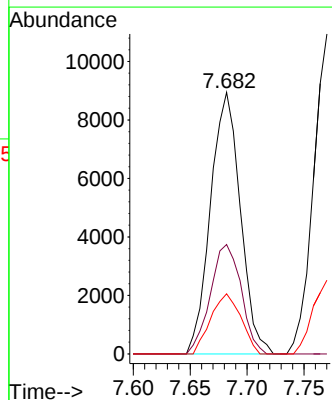
Manual Integrations
APPROVED

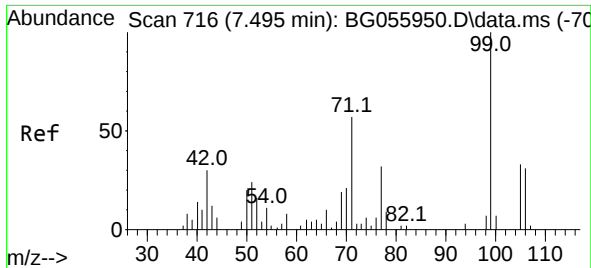
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#6
Aniline
Concen: 24.536 ng
RT: 7.682 min Scan# 748
Delta R.T. 0.010 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion: 93 Resp: 16320
Ion Ratio Lower Upper
93 100
66 41.9 35.5 53.3
65 23.0 18.2 27.2





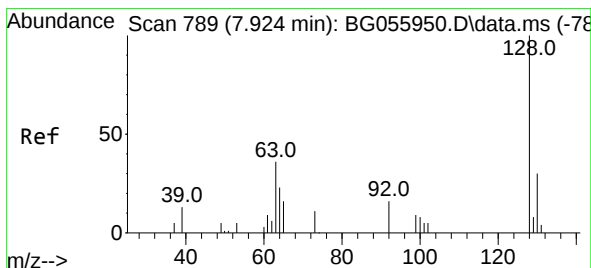
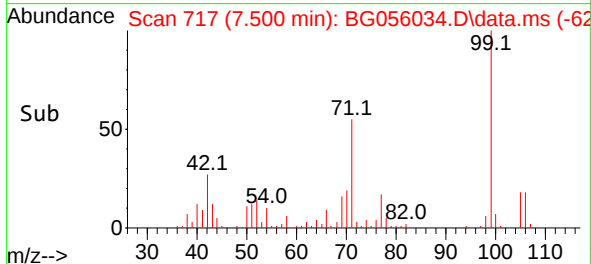
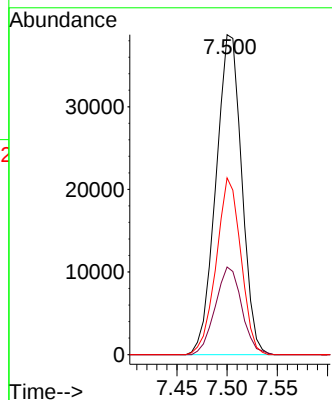
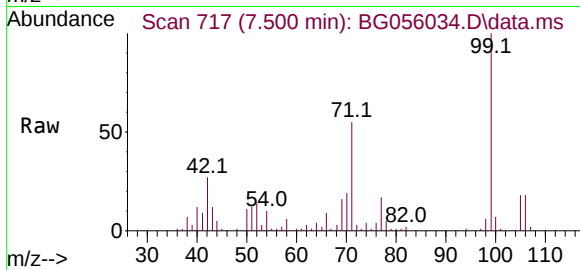
#7
Phenol-d6
Concen: 124.770 ng
RT: 7.500 min Scan# 716
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :
BNA_G
ClientSampleId :
72-11977MS

Tgt Ion: 99 Resp: 69316
Ion Ratio Lower Upper
99 100
42 27.4 24.3 36.5
71 55.2 45.6 68.4

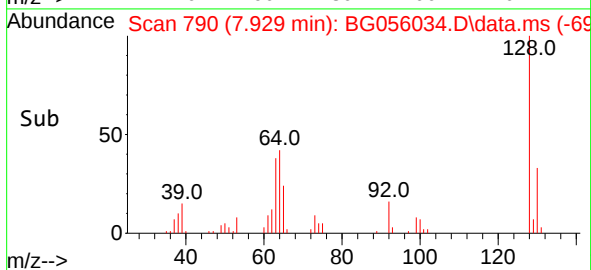
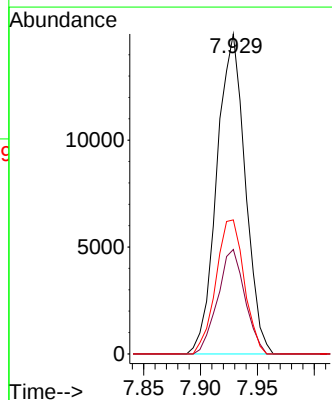
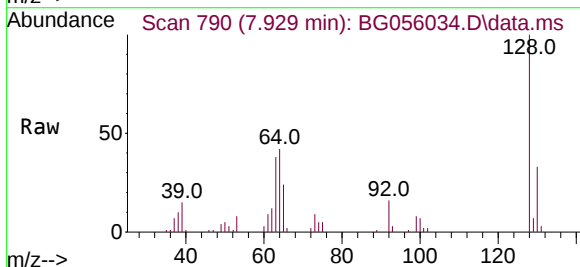
Manual Integrations
APPROVED

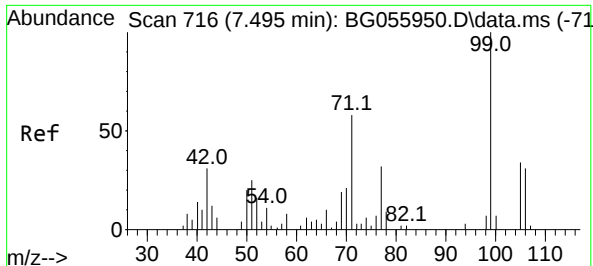
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#8
2-Chlorophenol
Concen: 46.500 ng
RT: 7.929 min Scan# 790
Delta R.T. 0.010 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

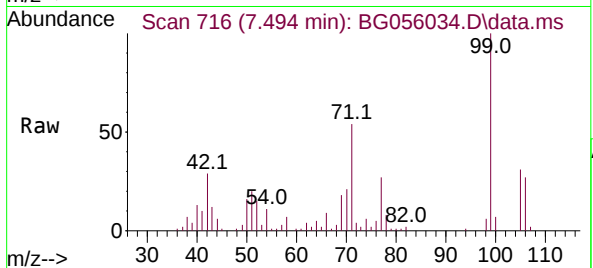
Tgt Ion:128 Resp: 25913
Ion Ratio Lower Upper
128 100
130 32.6 9.9 49.9
64 41.9 16.7 56.7





#9
Benzaldehyde
Concen: 41.201 ng
RT: 7.494 min Scan# 716
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

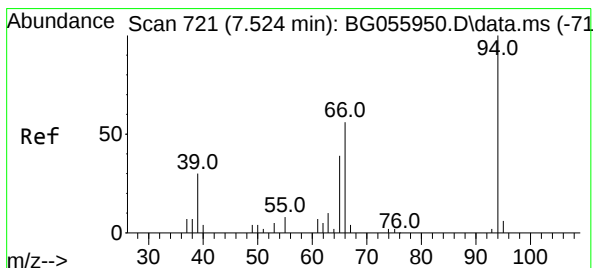
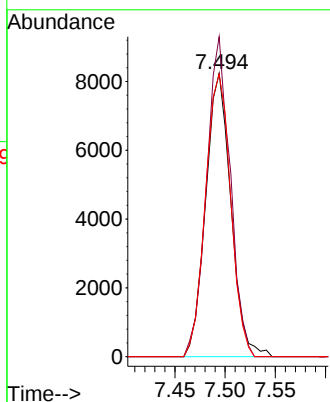
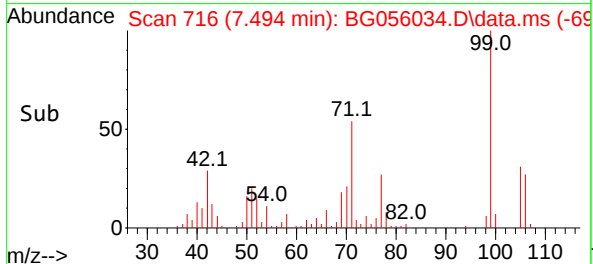
Instrument :
BNA_G
ClientSampleId :
72-11977MS



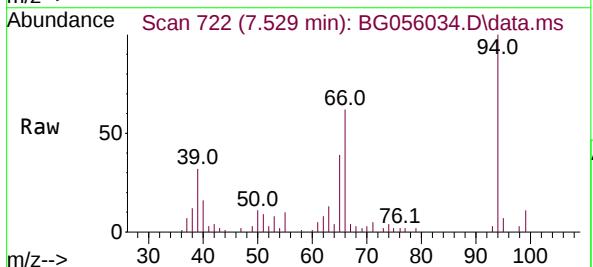
Tgt Ion: 77 Resp: 14375
Ion Ratio Lower Upper
77 100
105 112.9 83.1 123.1
106 99.7 76.3 116.3

Manual Integrations
APPROVED

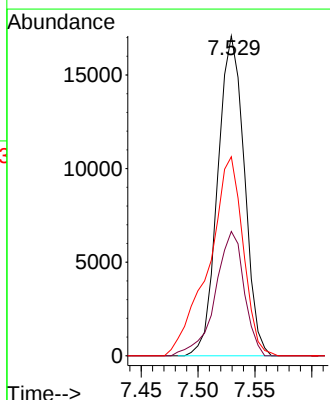
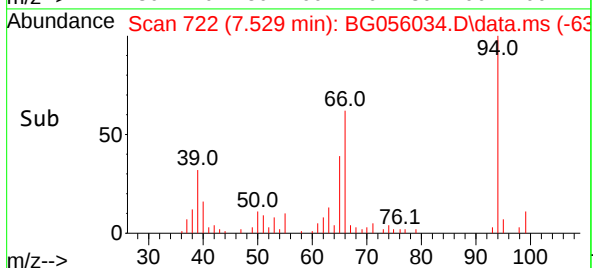
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

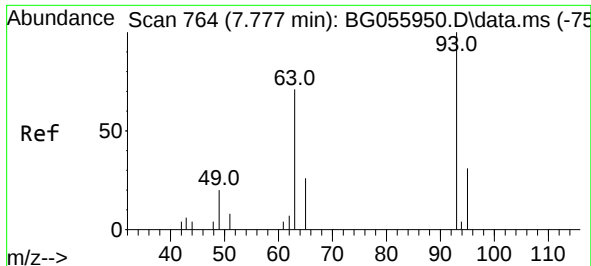


#10
Phenol
Concen: 45.604 ng
RT: 7.529 min Scan# 722
Delta R.T. 0.011 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



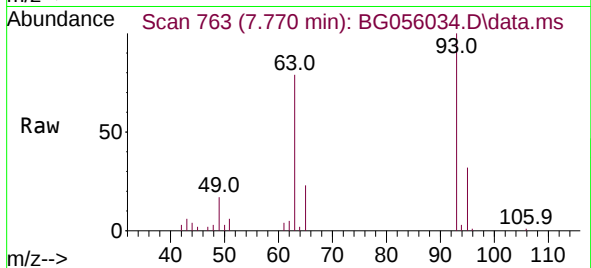
Tgt Ion: 94 Resp: 27728
Ion Ratio Lower Upper
94 100
65 38.9 18.9 58.9
66 62.2 41.5 81.5





#11
bis(2-Chloroethyl)ether
Concen: 42.851 ng
RT: 7.770 min Scan# 764
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

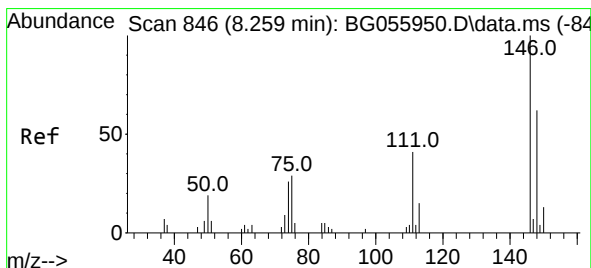
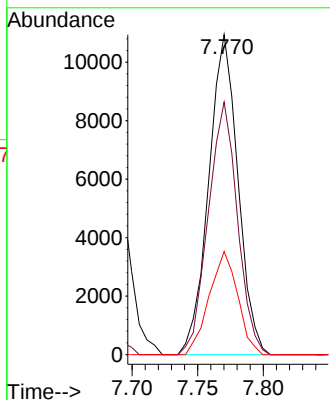
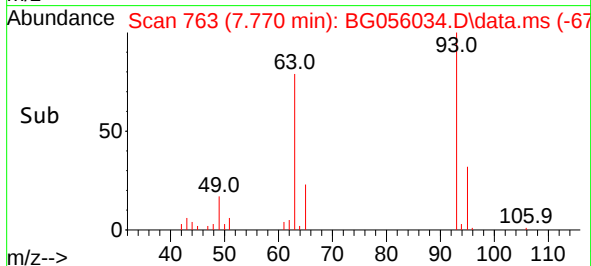
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion: 93 Resp: 1697
Ion Ratio Lower Upper
93 100
63 78.9 51.4 91.4
95 32.2 11.3 51.3

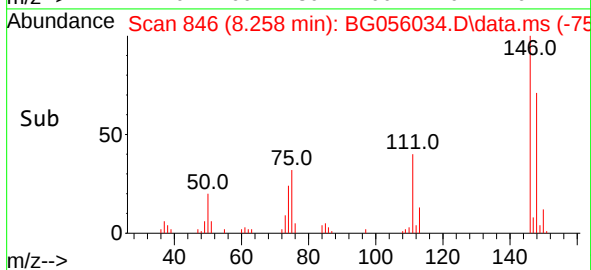
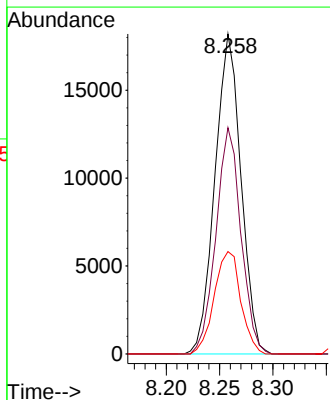
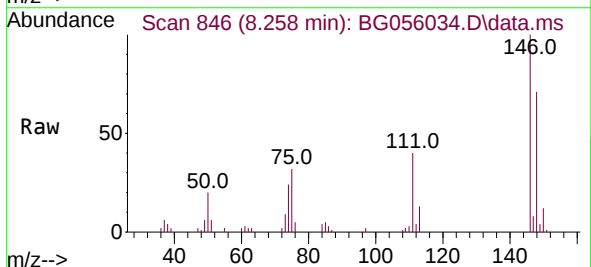
Manual Integrations
APPROVED

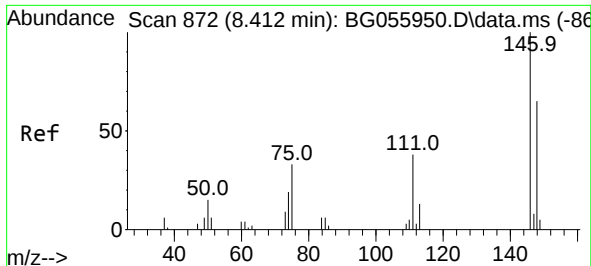
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#12
1,3-Dichlorobenzene
Concen: 42.832 ng
RT: 8.258 min Scan# 846
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion:146 Resp: 30877
Ion Ratio Lower Upper
146 100
148 70.7 49.7 74.5
75 32.0 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 43.599 ng

RT: 8.405 min Scan# 81

Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

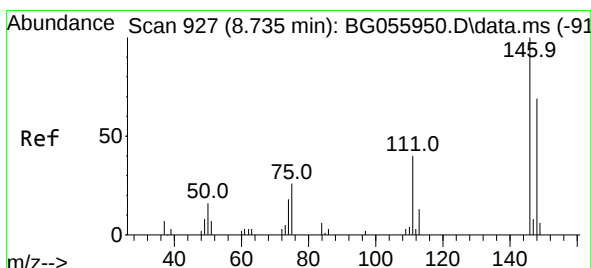
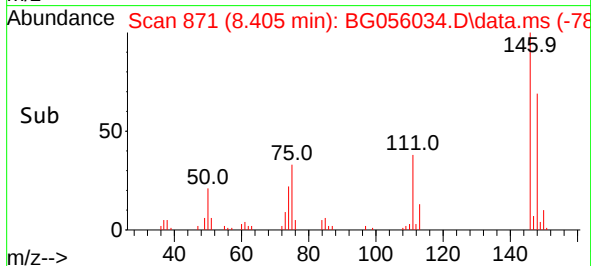
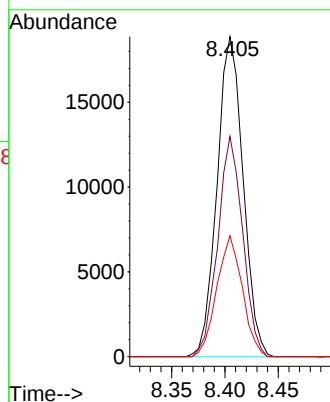
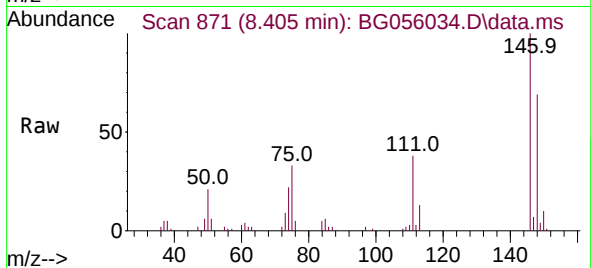
72-11977MS

Tgt Ion:146 Resp: 32120
 Ion Ratio Lower Upper
 146 100
 148 68.8 52.4 78.6
 111 37.8 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#14

1,2-Dichlorobenzene

Concen: 43.631 ng

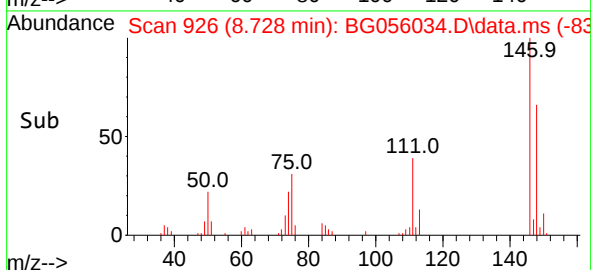
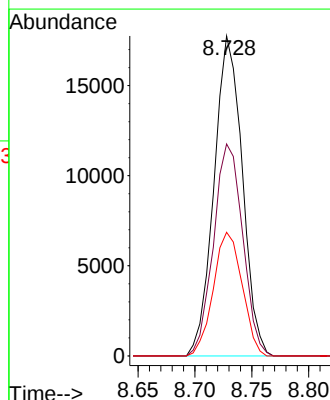
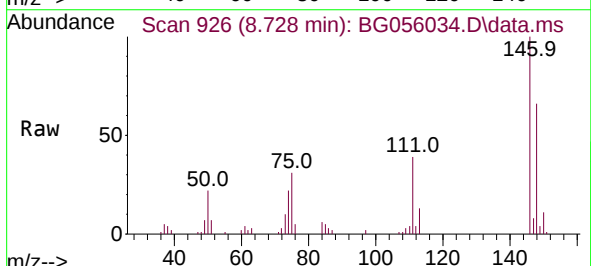
RT: 8.728 min Scan# 926

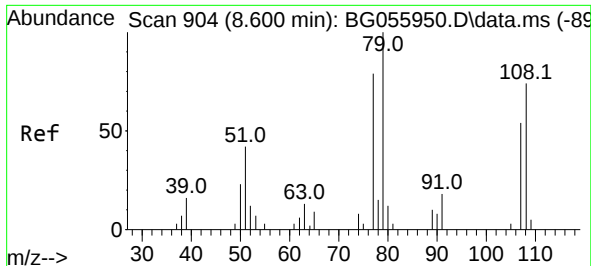
Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Tgt Ion:146 Resp: 30719
 Ion Ratio Lower Upper
 146 100
 148 66.2 55.1 82.7
 111 38.6 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.746 ng
RT: 8.599 min Scan# 904
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

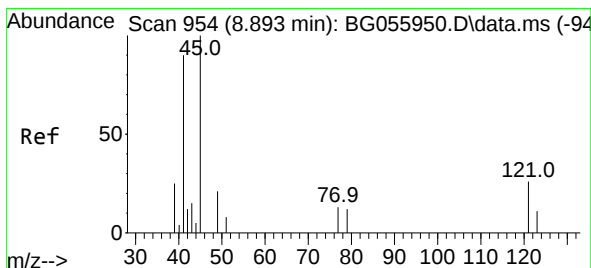
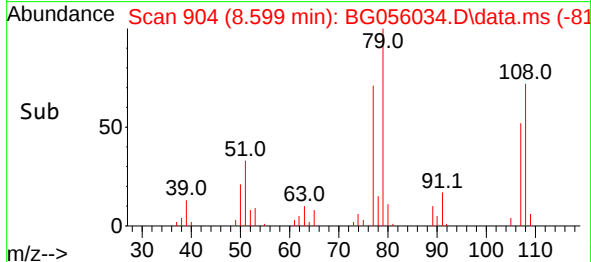
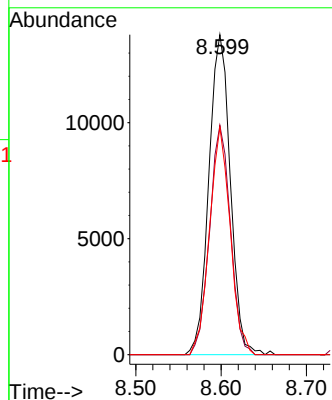
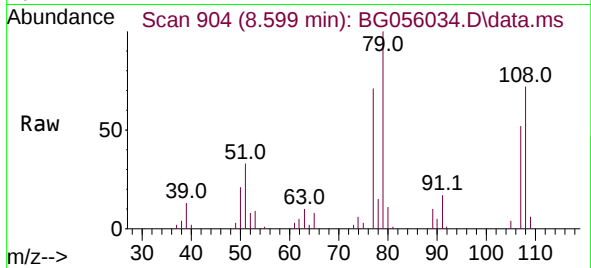
ClientSampleId :

72-11977MS

Tgt Ion: 79 Resp: 24098
Ion Ratio Lower Upper
79 100
108 71.6 59.5 89.3
77 71.1 63.0 94.6

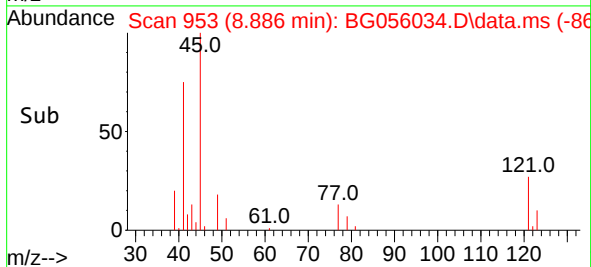
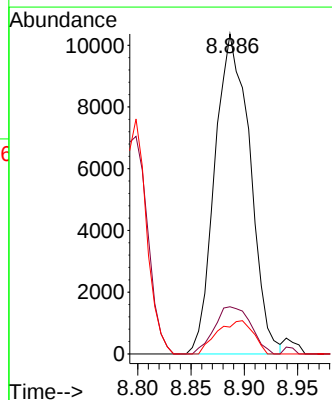
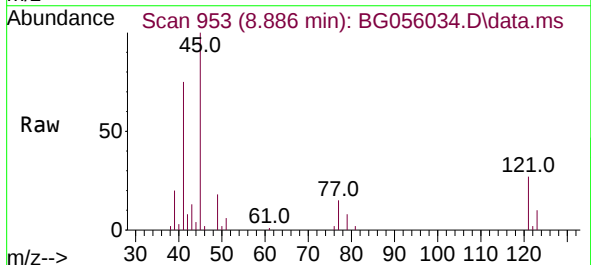
Manual Integrations
APPROVED

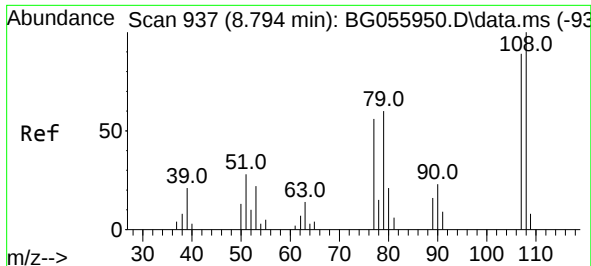
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.052 ng
RT: 8.886 min Scan# 953
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion: 45 Resp: 23738
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.4
79 8.4 0.0 31.8





#17

2-Methylphenol

Concen: 44.732 ng

RT: 8.798 min Scan# 937

Delta R.T. 0.010 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

72-11977MS

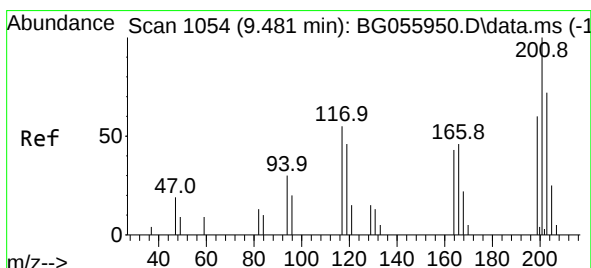
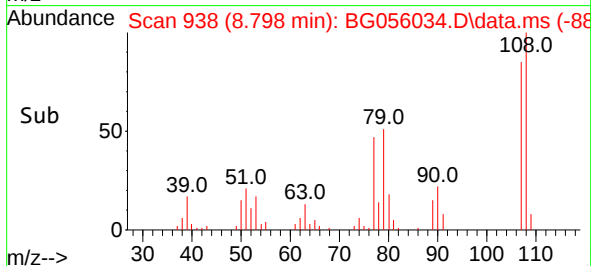
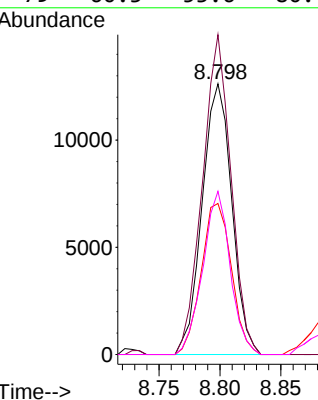
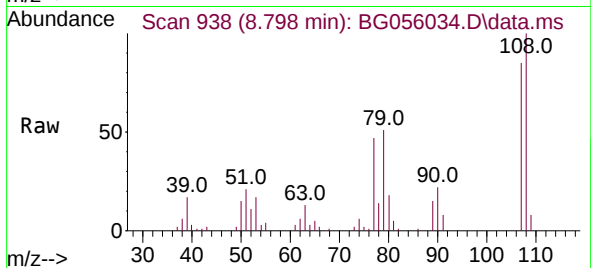
Tgt Ion:	107	Resp:	2139
Ion	Ratio	Lower	Upper
107	100		
108	118.2	89.8	134.8
77	55.8	50.2	75.2
79	60.3	53.6	80.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#18

Hexachloroethane

Concen: 46.295 ng

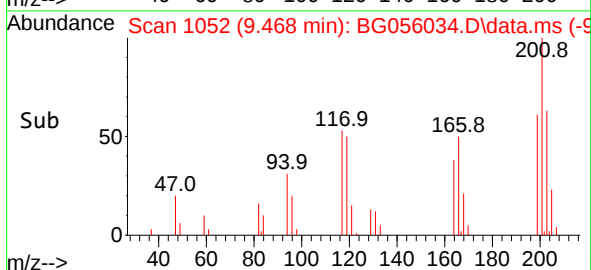
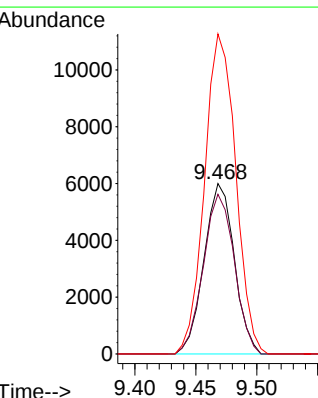
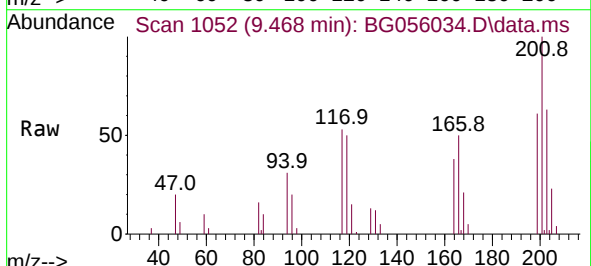
RT: 9.468 min Scan# 1052

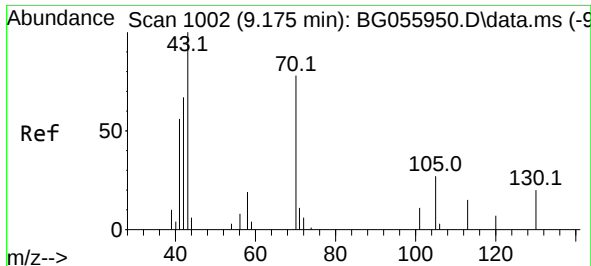
Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Tgt Ion:	117	Resp:	10353
Ion	Ratio	Lower	Upper
117	100		
119	93.7	66.8	100.2
201	192.5	144.6	217.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.401 ng

RT: 9.174 min Scan# 10

Delta R.T. 0.005 min

Lab File: BG056034.D

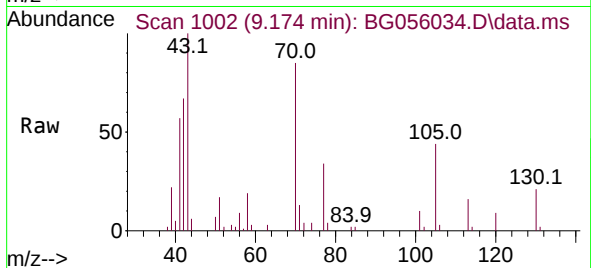
Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

72-11977MS



Tgt Ion: 70 Resp: 16088

Ion Ratio Lower Upper

70 100

42 78.4 69.0 103.4

101 11.7 11.8 17.8

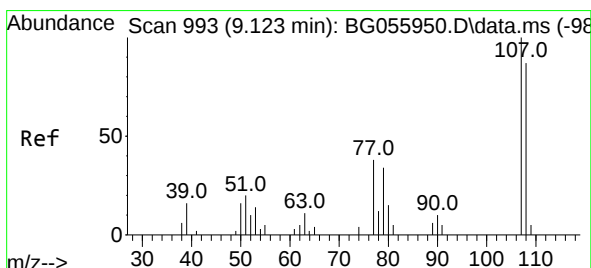
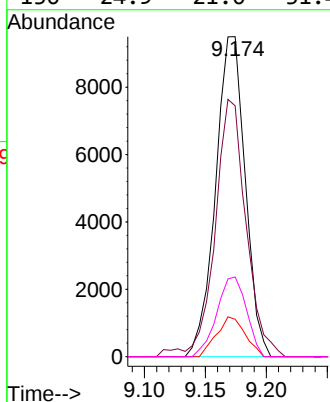
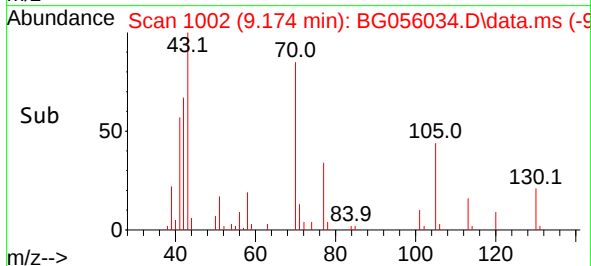
130 24.9 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#20

3+4-Methylphenols

Concen: 42.789 ng

RT: 9.127 min Scan# 994

Delta R.T. 0.011 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Tgt Ion:107 Resp: 29211

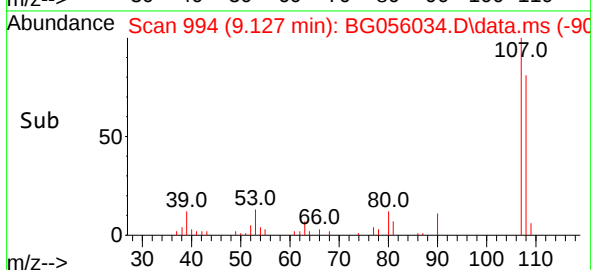
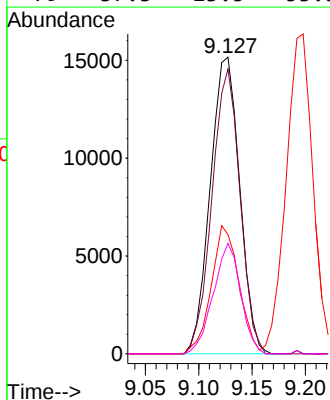
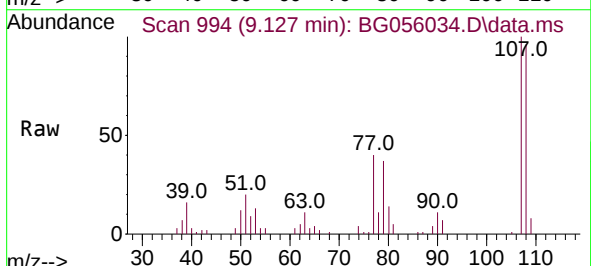
Ion Ratio Lower Upper

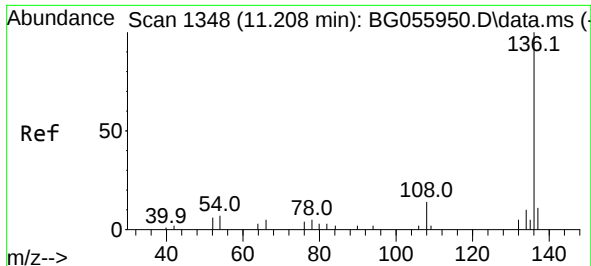
107 100

108 96.0 67.0 107.0

77 40.2 18.3 58.3

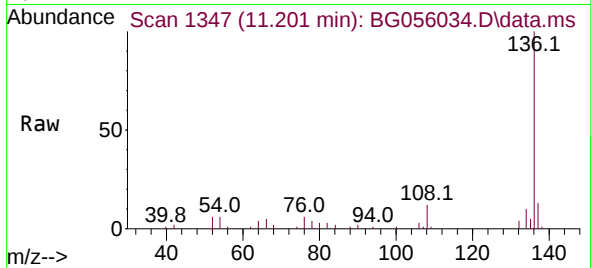
79 37.3 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 1348
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

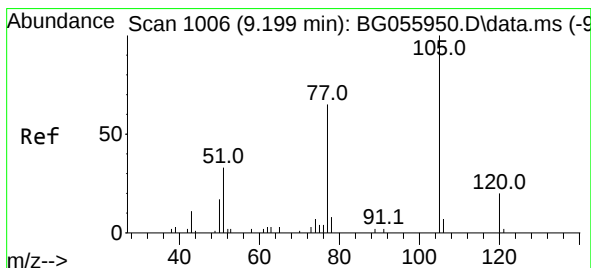
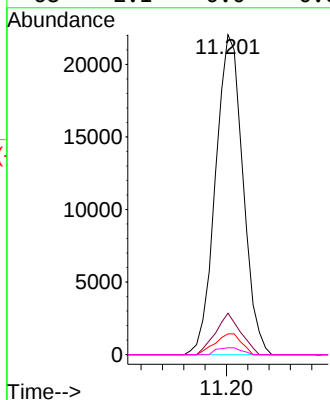
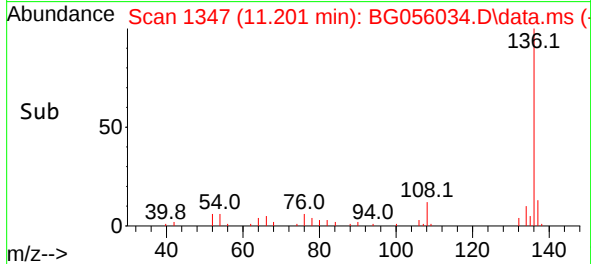
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:136 Resp: 39348
Ion Ratio Lower Upper
136 100
137 12.9 9.2 13.8
54 6.5 5.6 8.4
68 2.1 0.0 0.0#

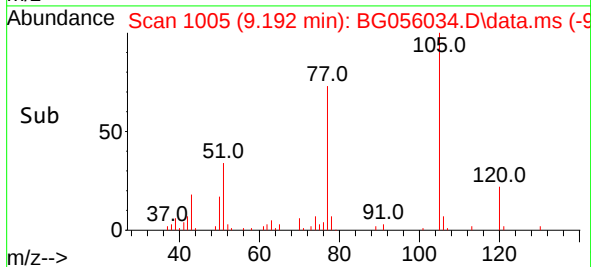
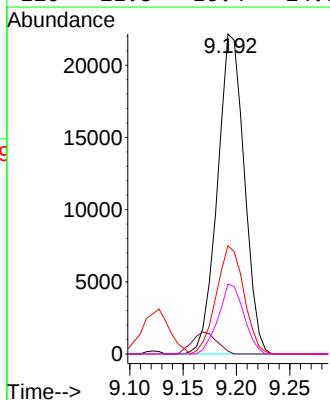
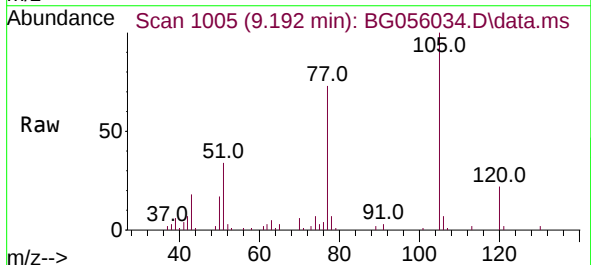
Manual Integrations
APPROVED

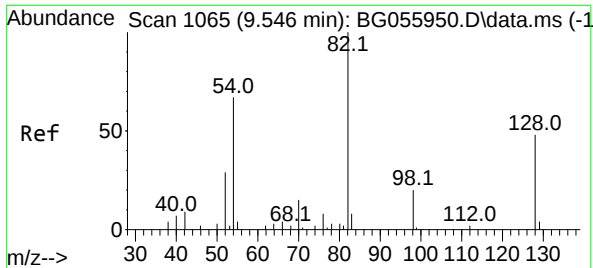
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#22
Acetophenone
Concen: 39.717 ng
RT: 9.192 min Scan# 1005
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion:105 Resp: 38741
Ion Ratio Lower Upper
105 100
71 0.9 0.0 0.0#
51 33.8 26.7 40.1
120 21.8 16.4 24.6





#23

Nitrobenzene-d5

Concen: 81.176 ng

RT: 9.545 min Scan# 1065

Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

72-11977MS

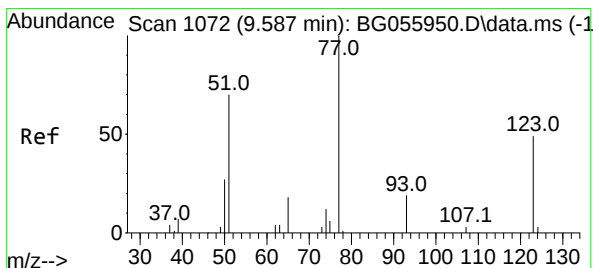
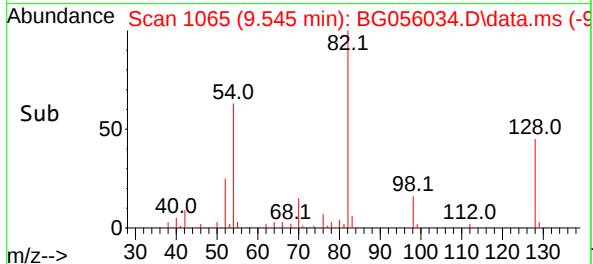
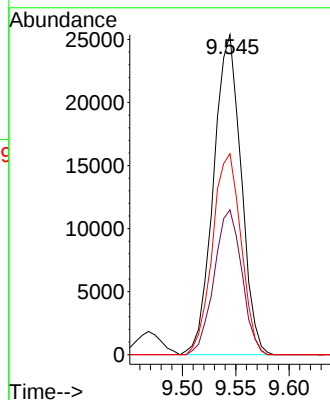
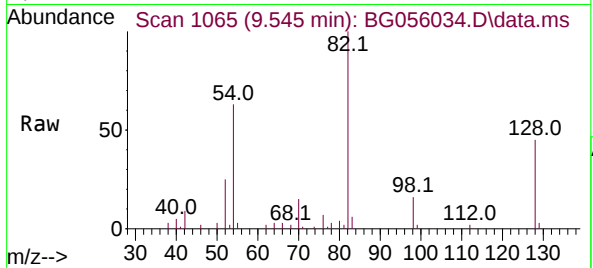
Tgt Ion: 82	Resp: 4570
Ion Ratio	Lower Upper
82	100
128	45.2 38.4 57.6
54	62.8 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#24

Nitrobenzene

Concen: 46.781 ng

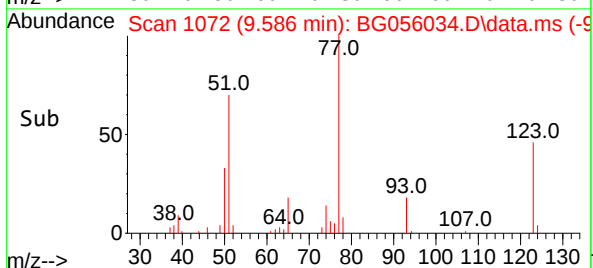
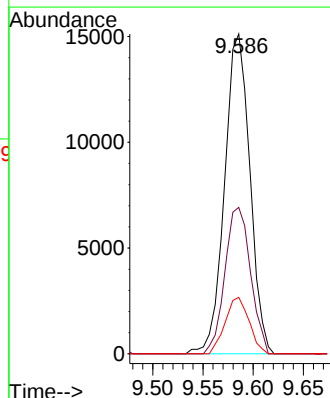
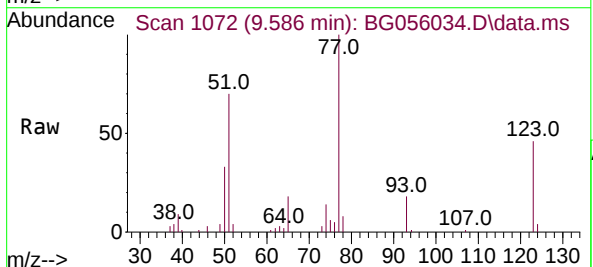
RT: 9.586 min Scan# 1072

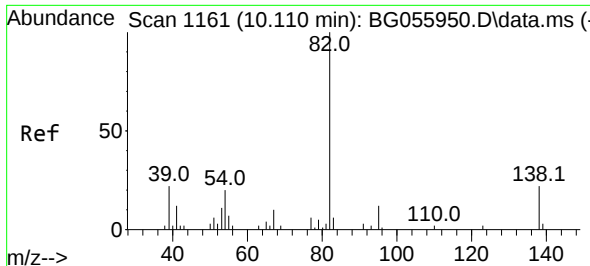
Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

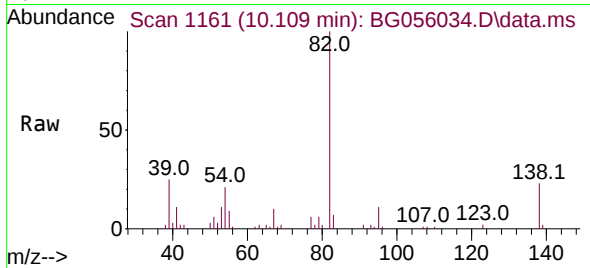
Tgt Ion: 77	Resp: 26513
Ion Ratio	Lower Upper
77	100
123	45.8 38.9 58.3
65	17.7 14.7 22.1





#25
Isophorone
Concen: 39.588 ng
RT: 10.109 min Scan# 1161
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

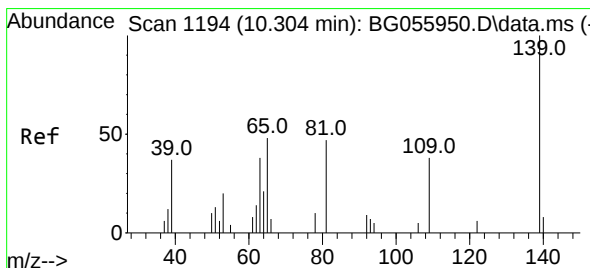
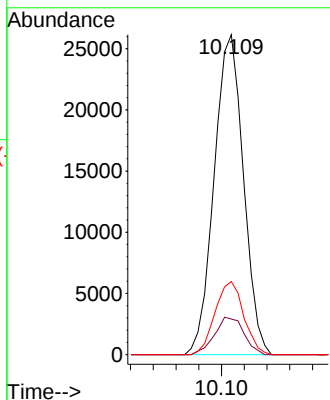
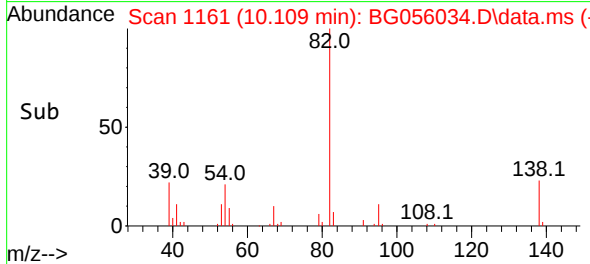
Instrument :
BNA_G
ClientSampleId :
72-11977MS



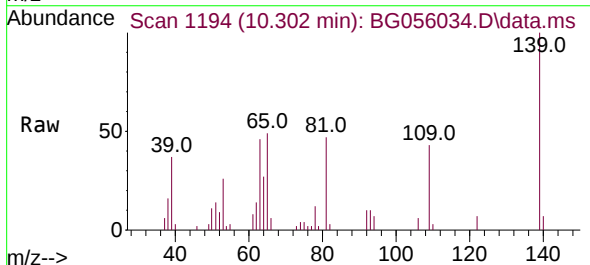
Tgt Ion: 82 Resp: 4674
Ion Ratio Lower Upper
82 100
95 11.1 9.4 14.0
138 22.8 17.7 26.5

Manual Integrations
APPROVED

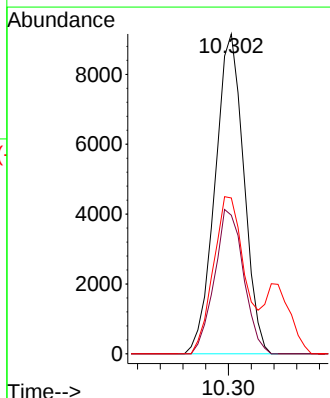
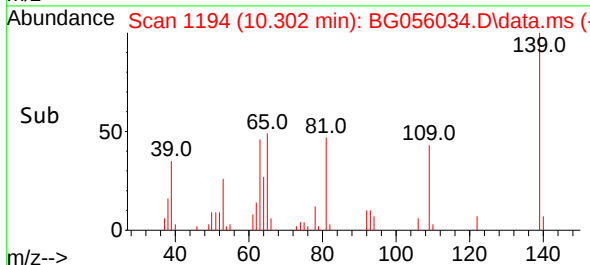
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

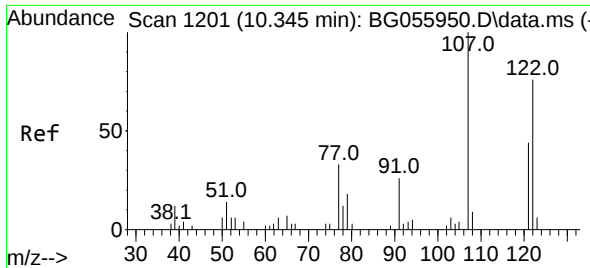


#26
2-Nitrophenol
Concen: 47.871 ng
RT: 10.302 min Scan# 1194
Delta R.T. 0.011 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



Tgt Ion:139 Resp: 16061
Ion Ratio Lower Upper
139 100
109 43.3 30.7 46.1
65 48.7 38.8 58.2





#27

2,4-Dimethylphenol

Concen: 46.574 ng m

RT: 10.344 min Scan# 1201

Delta R.T. 0.011 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

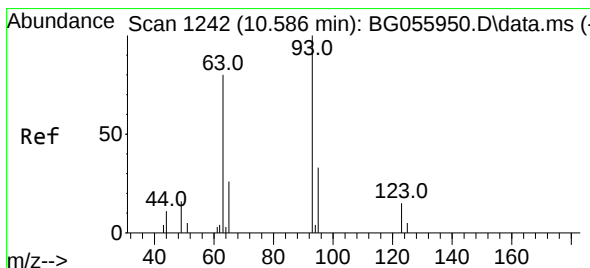
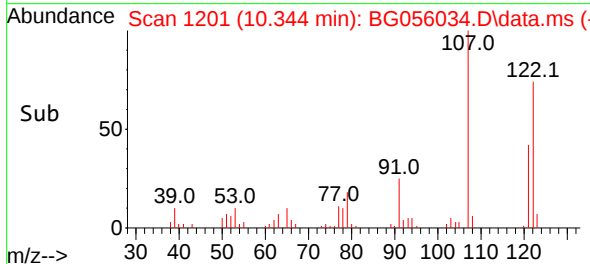
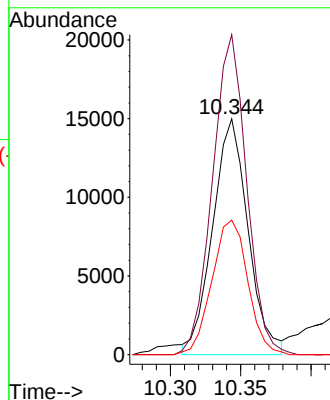
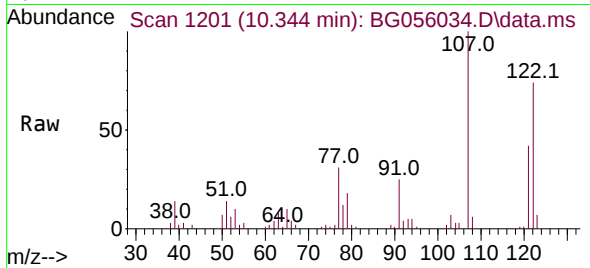
72-11977MS

Tgt Ion:	122	Resp:	26243
Ion Ratio	Lower	Upper	
122	100		
107	135.8	105.9	158.9
121	57.0	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.621 ng

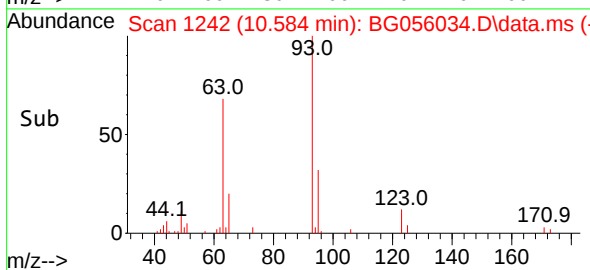
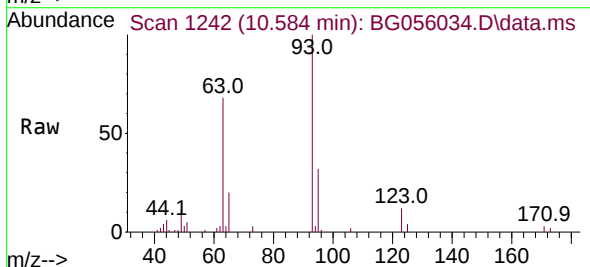
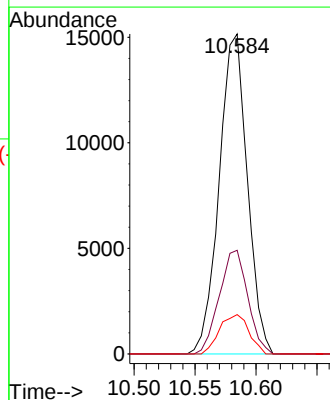
RT: 10.584 min Scan# 1242

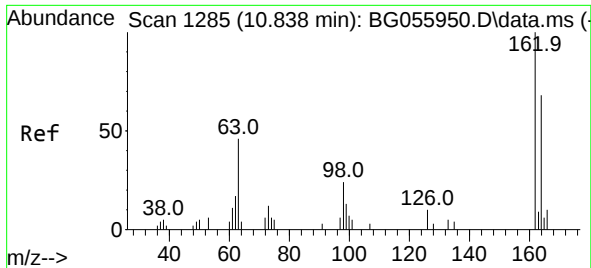
Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Tgt Ion:	93	Resp:	24328
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.3	39.5
123	12.3	12.2	18.2





#29

2,4-Dichlorophenol

Concen: 42.802 ng

RT: 10.837 min Scan# 1285

Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

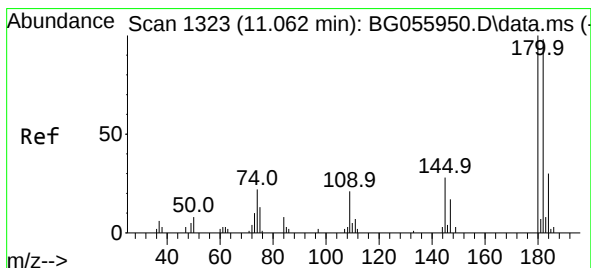
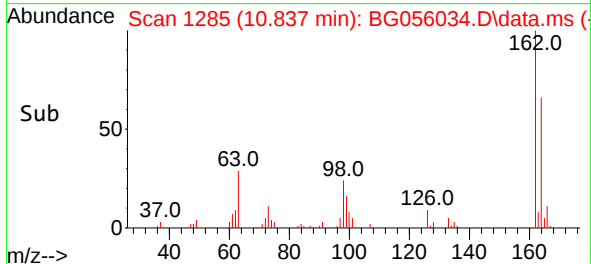
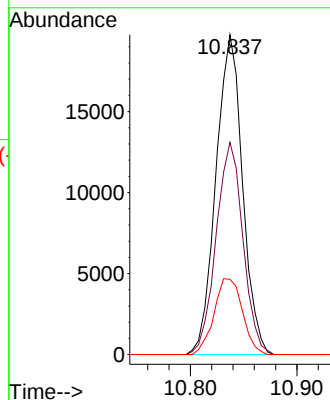
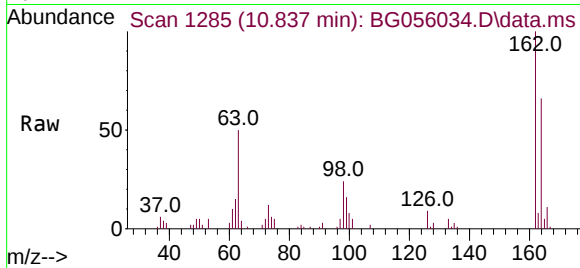
72-11977MS

Tgt Ion:162	Resp:	3423
Ion Ratio	Lower	Upper
162	100	
164	66.3	47.5 87.5
98	23.5	4.3 44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.000 ng

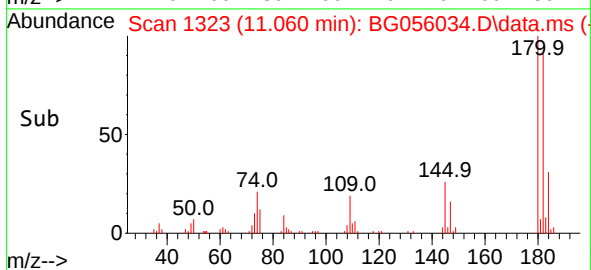
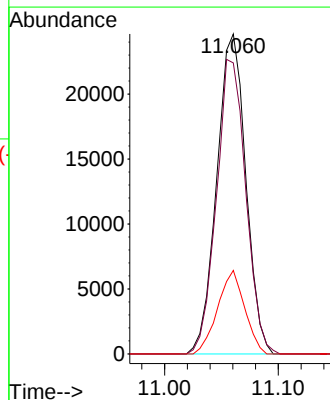
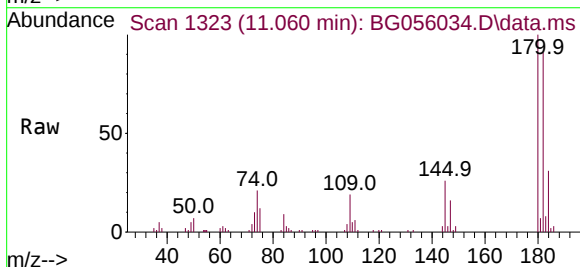
RT: 11.060 min Scan# 1323

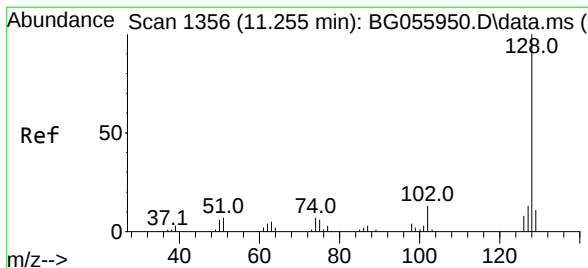
Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

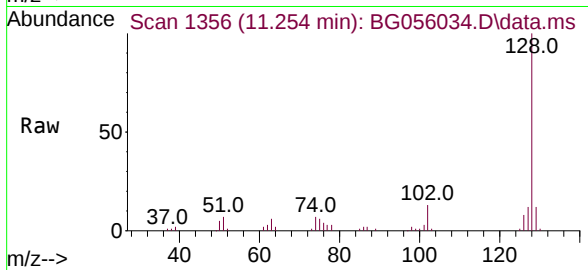
Tgt Ion:180	Resp:	43665
Ion Ratio	Lower	Upper
180	100	
182	90.9	78.1 117.1
145	26.1	22.4 33.6





#31
Naphthalene
Concen: 40.312 ng
RT: 11.254 min Scan# 1356
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

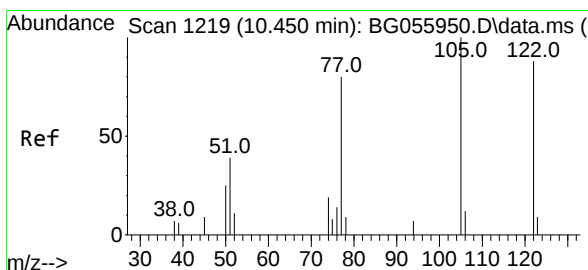
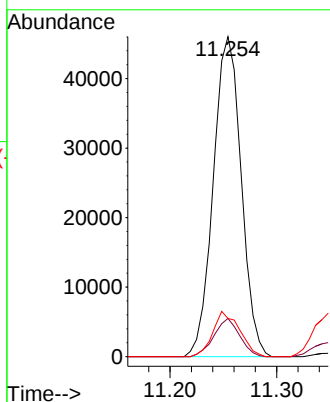
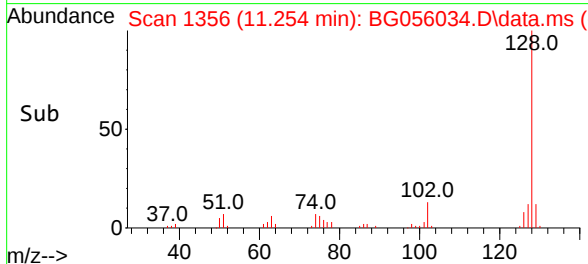
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:128 Resp: 83696
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 11.9 10.3 15.5

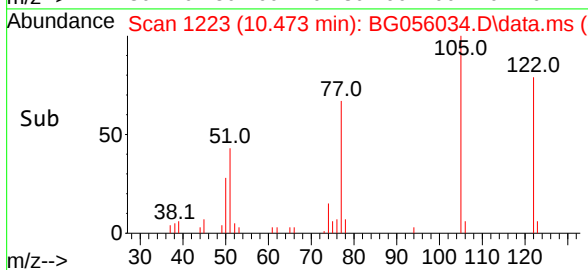
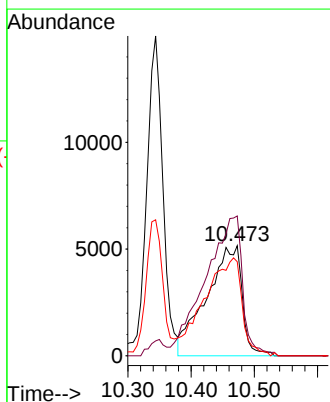
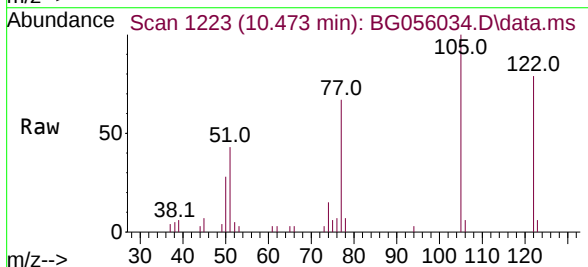
Manual Integrations
APPROVED

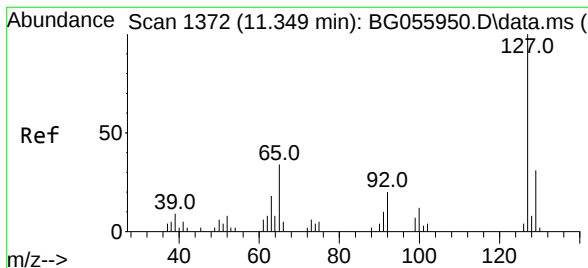
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#32
Benzoic acid
Concen: 42.602 ng
RT: 10.473 min Scan# 1223
Delta R.T. 0.016 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

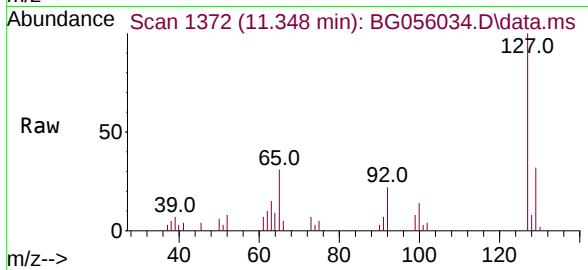
Tgt Ion:122 Resp: 20239
Ion Ratio Lower Upper
122 100
105 127.0 90.6 130.6
77 85.5 61.0 101.0





#33
4-Chloroaniline
Concen: 12.874 ng
RT: 11.348 min Scan# 1372
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

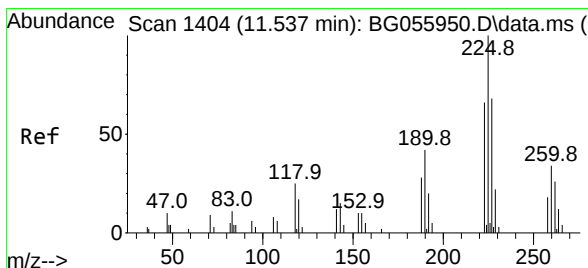
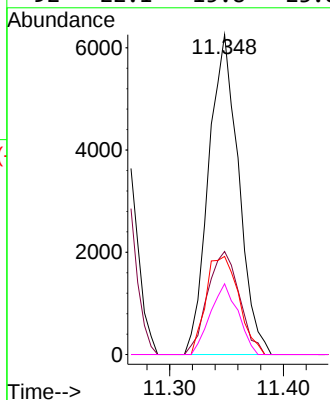
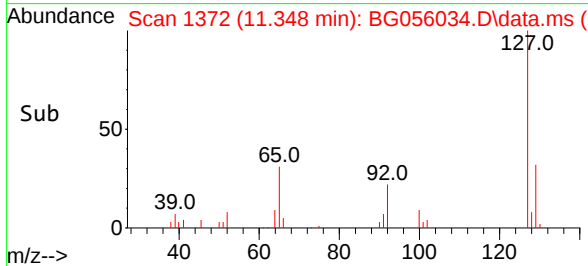
Instrument :
BNA_G
ClientSampleId :
72-11977MS



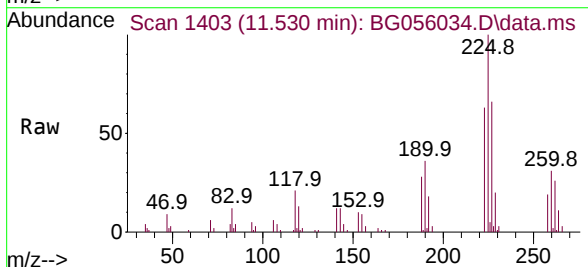
Tgt Ion:127 Resp: 11458
Ion Ratio Lower Upper
127 100
129 32.2 24.5 36.7
65 30.7 27.1 40.7
92 22.1 15.8 23.8

Manual Integrations
APPROVED

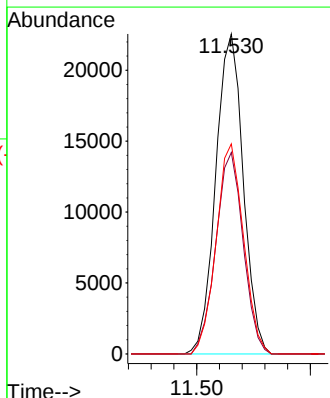
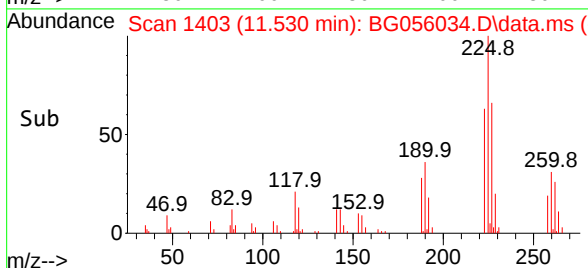
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

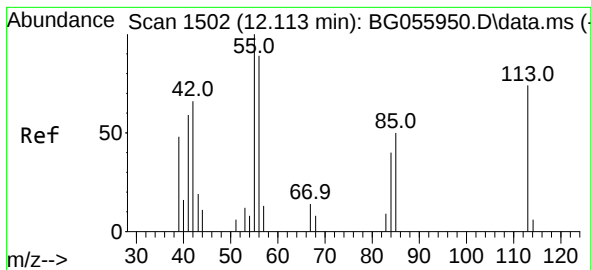


#34
Hexachlorobutadiene
Concen: 38.774 ng
RT: 11.530 min Scan# 1403
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



Tgt Ion:225 Resp: 37897
Ion Ratio Lower Upper
225 100
223 62.9 53.2 79.8
227 65.6 54.7 82.1





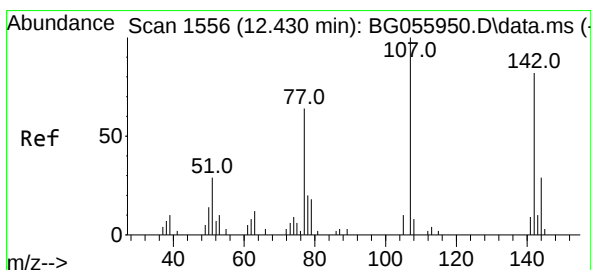
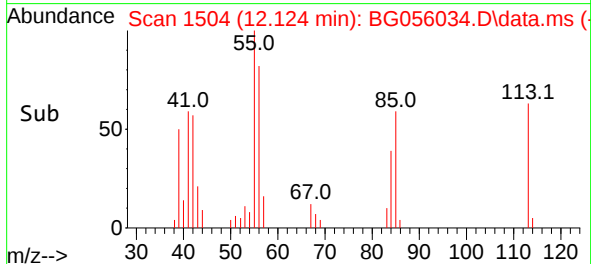
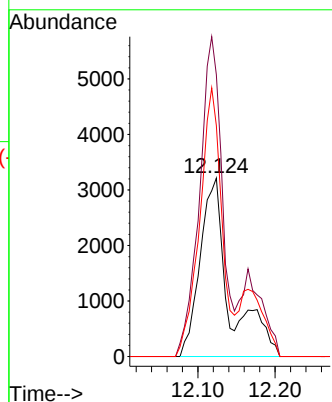
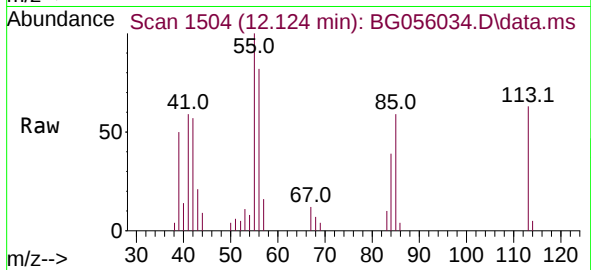
#35
Caprolactam
Concen: 38.034 ng m
RT: 12.124 min Scan# 11
Delta R.T. 0.011 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :
BNA_G
ClientSampleId :
72-11977MS

Tgt Ion:113 Resp: 8475
Ion Ratio Lower Upper
113 100
55 157.9 114.8 154.8
56 129.4 99.8 139.8

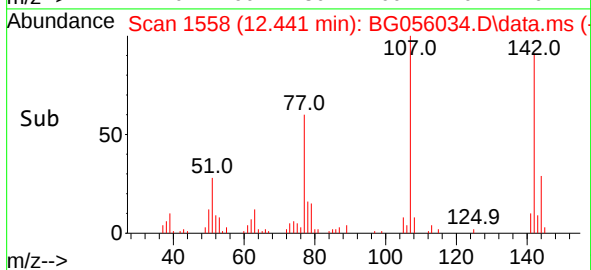
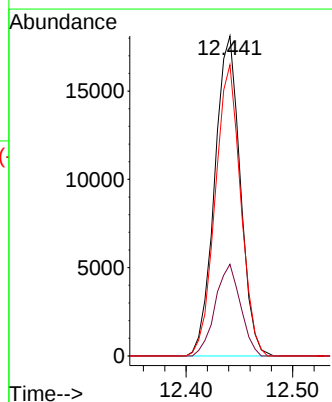
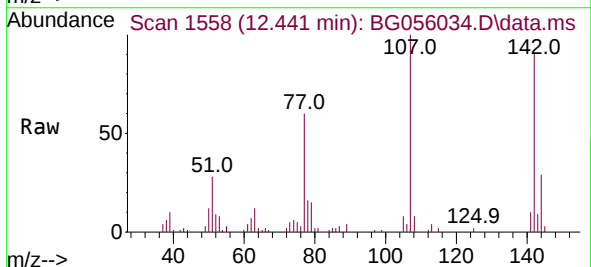
Manual Integrations
APPROVED

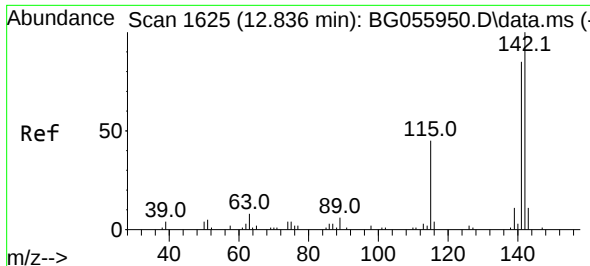
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#36
4-Chloro-3-methylphenol
Concen: 40.301 ng
RT: 12.441 min Scan# 1558
Delta R.T. 0.011 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion:107 Resp: 30223
Ion Ratio Lower Upper
107 100
144 28.6 23.3 34.9
142 91.0 65.6 98.4





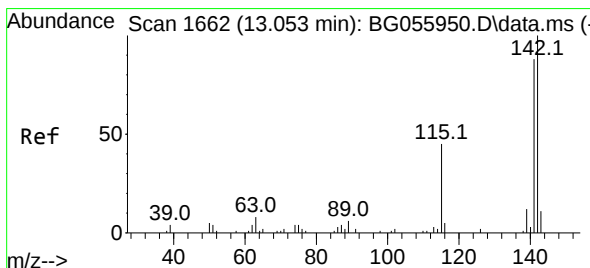
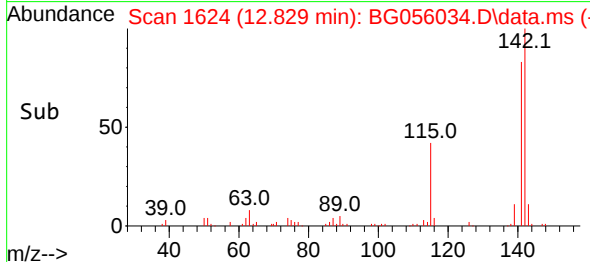
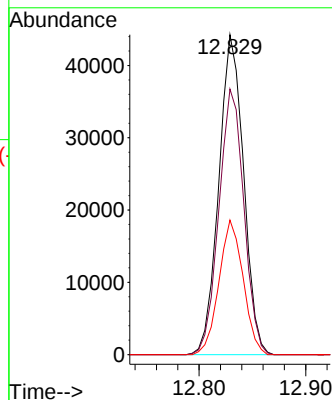
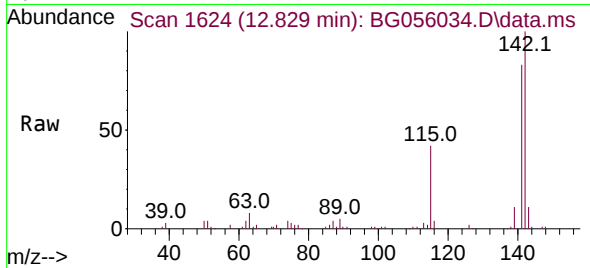
#37
2-Methylnaphthalene
Concen: 39.008 ng
RT: 12.829 min Scan# 1624
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :
BNA_G
ClientSampleId :
72-11977MS

Tgt Ion:142 Resp: 71553
Ion Ratio Lower Upper
142 100
141 83.0 67.8 101.6
115 42.0 35.7 53.5

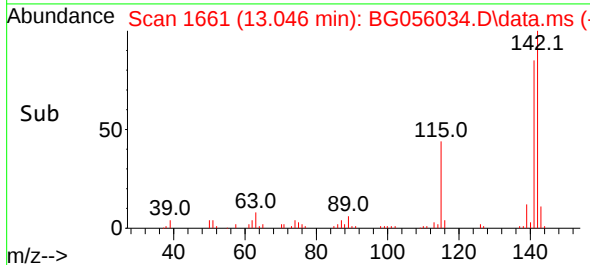
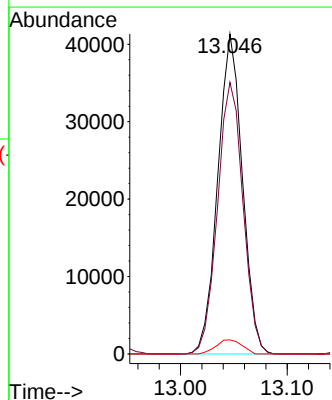
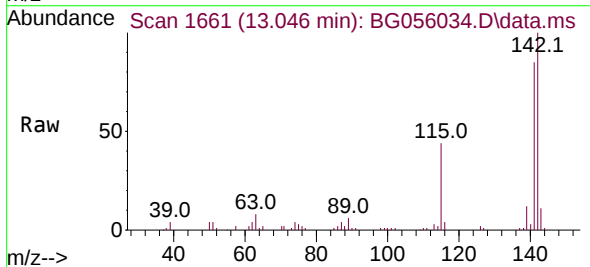
Manual Integrations
APPROVED

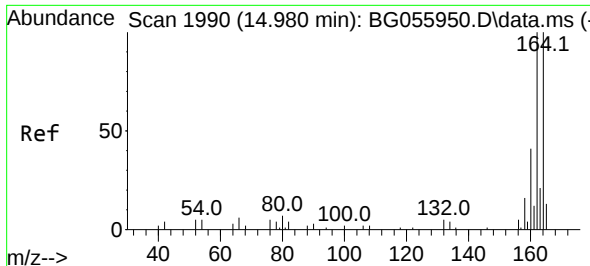
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#38
1-Methylnaphthalene
Concen: 37.053 ng
RT: 13.046 min Scan# 1661
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

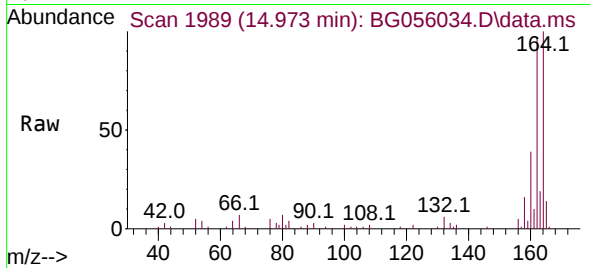
Tgt Ion:142 Resp: 66211
Ion Ratio Lower Upper
142 100
141 84.8 70.2 105.2
116 4.4 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.973 min Scan# 1990
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

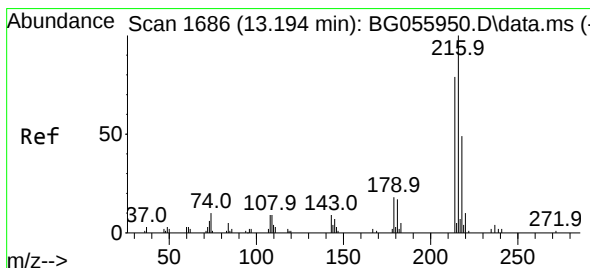
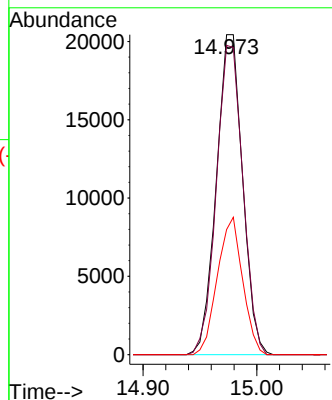
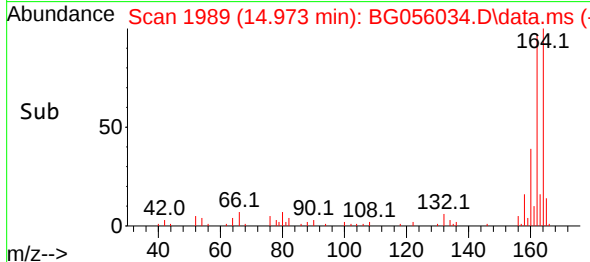
Instrument :
BNA_G
ClientSampleId :
72-11977MS



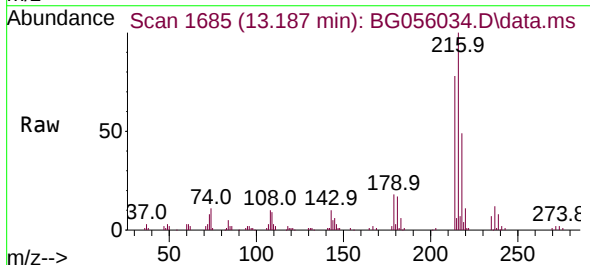
Tgt Ion:164 Resp: 32763
Ion Ratio Lower Upper
164 100
162 96.6 79.8 119.8
160 39.1 33.0 49.4

Manual Integrations
APPROVED

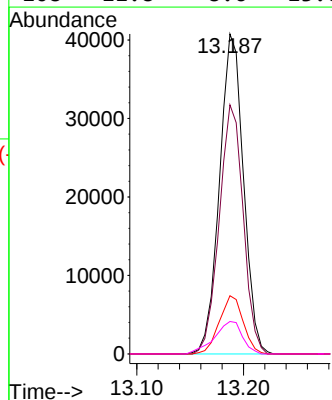
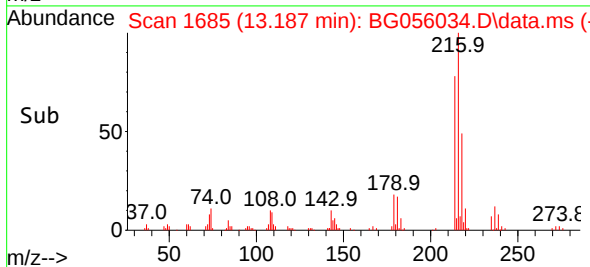
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

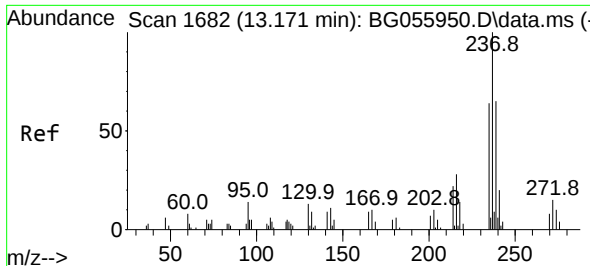


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.063 ng
RT: 13.187 min Scan# 1685
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



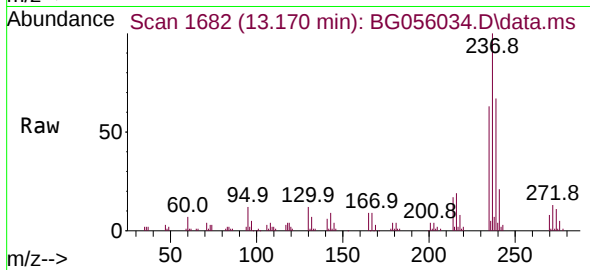
Tgt Ion:216 Resp: 63670
Ion Ratio Lower Upper
216 100
214 77.8 61.5 92.3
179 18.1 14.6 21.8
108 11.8 8.6 13.0





#41
Hexachlorocyclopentadiene
Concen: 77.381 ng
RT: 13.170 min Scan# 1682
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

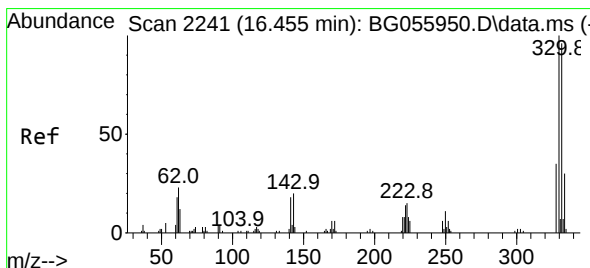
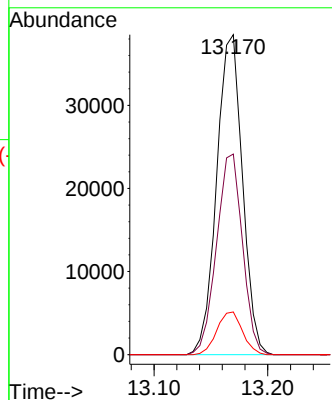
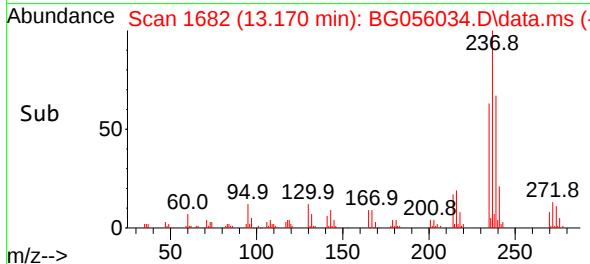
Instrument :
BNA_G
ClientSampleId :
72-11977MS



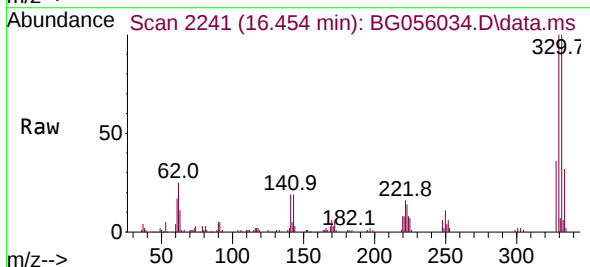
Tgt Ion:237 Resp: 60679
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 13.4 0.0 35.1

Manual Integrations
APPROVED

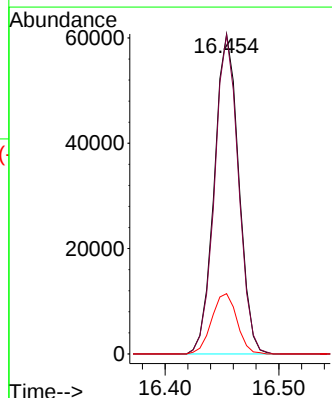
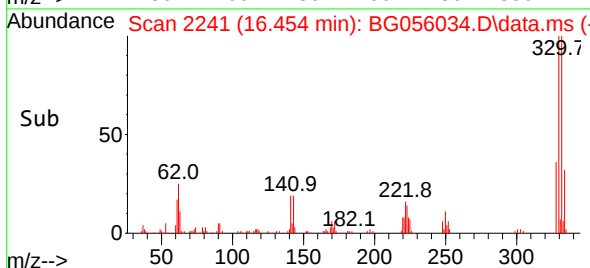
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

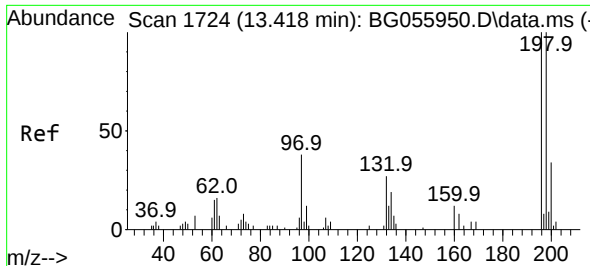


#42
2,4,6-Tribromophenol
Concen: 114.742 ng
RT: 16.454 min Scan# 2241
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



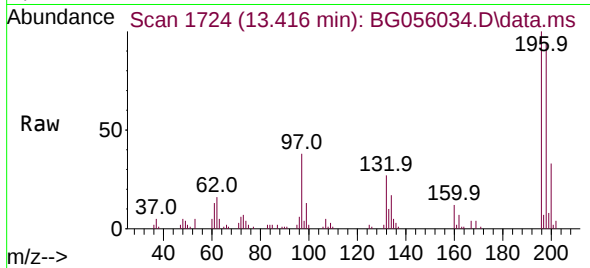
Tgt Ion:330 Resp: 90642
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 19.5 15.0 22.4





#43
2,4,6-Trichlorophenol
Concen: 47.034 ng
RT: 13.416 min Scan# 1724
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

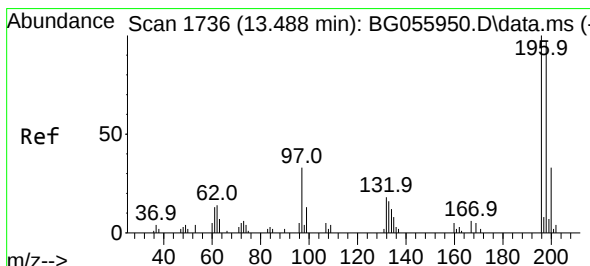
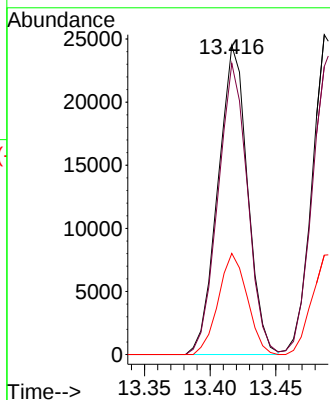
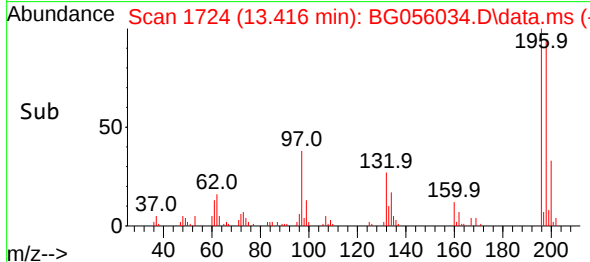
Instrument :
BNA_G
ClientSampleId :
72-11977MS



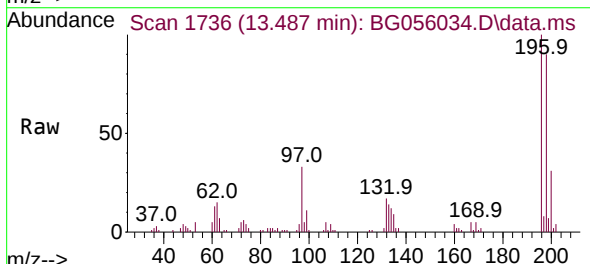
Tgt Ion:196 Resp: 38484
Ion Ratio Lower Upper
196 100
198 94.2 80.2 120.4
200 32.8 27.6 41.4

Manual Integrations
APPROVED

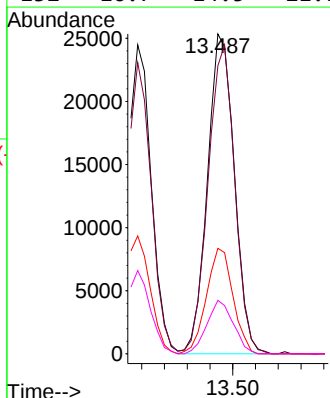
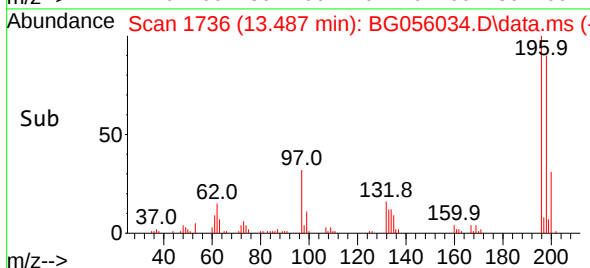
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

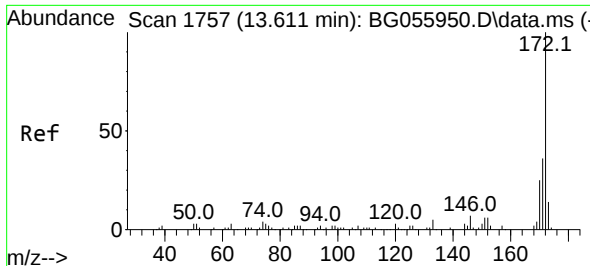


#44
2,4,5-Trichlorophenol
Concen: 45.254 ng
RT: 13.487 min Scan# 1736
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



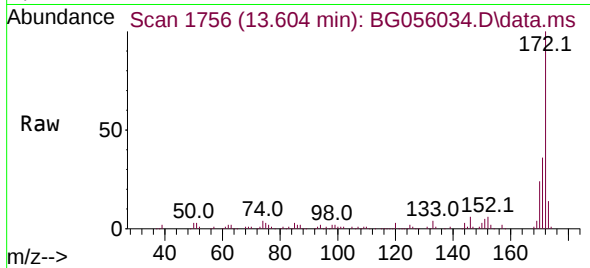
Tgt Ion:196 Resp: 41740
Ion Ratio Lower Upper
196 100
198 90.0 78.0 117.0
97 33.0 26.0 39.0
132 16.7 14.5 21.7





#45
2-Fluorobiphenyl
Concen: 66.008 ng
RT: 13.604 min Scan# 1756
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

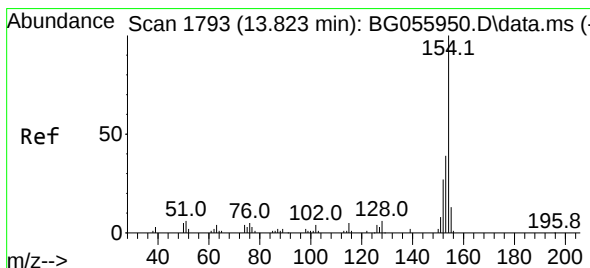
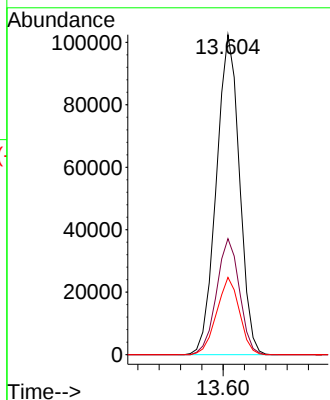
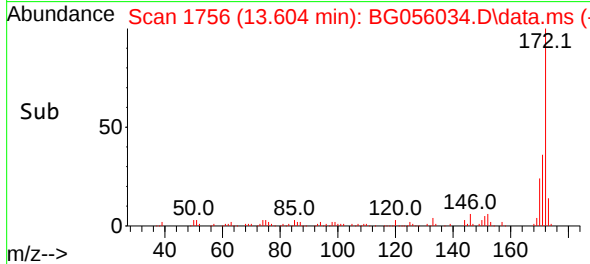
Instrument :
BNA_G
ClientSampleId :
72-11977MS



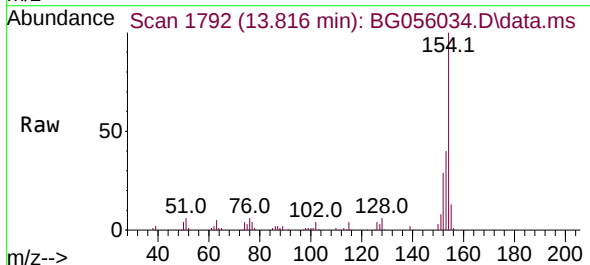
Tgt Ion:172 Resp: 154191
Ion Ratio Lower Upper
172 100
171 36.2 28.6 42.8
170 24.1 19.9 29.9

Manual Integrations
APPROVED

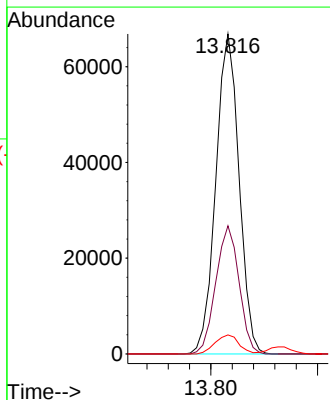
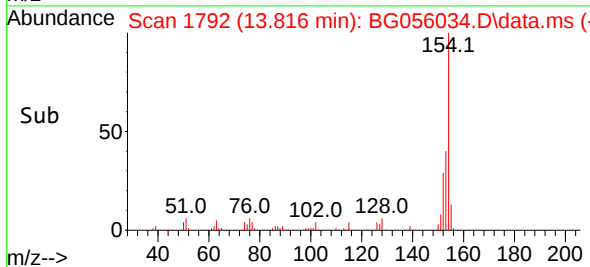
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

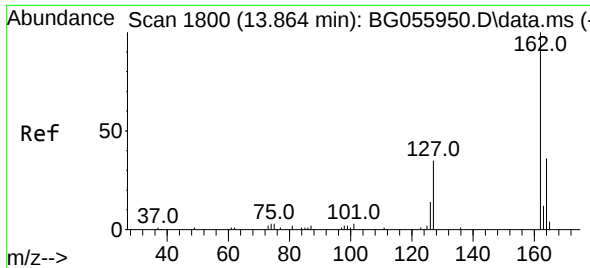


#46
1,1'-Biphenyl
Concen: 45.597 ng
RT: 13.816 min Scan# 1792
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



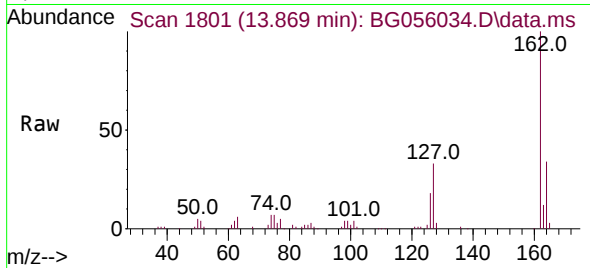
Tgt Ion:154 Resp: 101254
Ion Ratio Lower Upper
154 100
153 40.0 19.5 59.5
76 5.9 0.0 25.5





#47
2-Chloronaphthalene
Concen: 44.345 ng
RT: 13.869 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

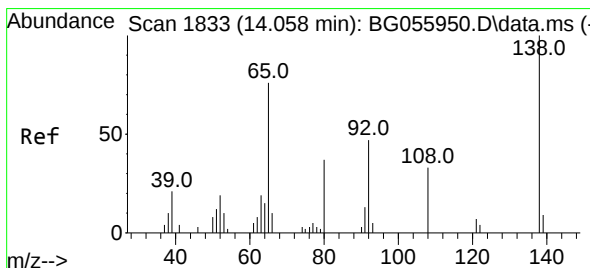
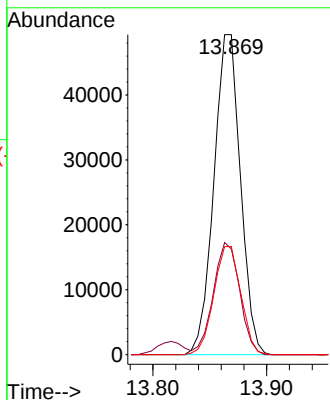
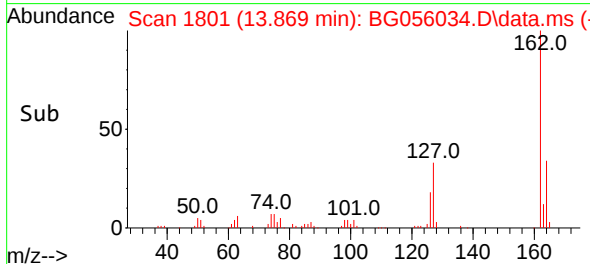
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:162 Resp: 80014
Ion Ratio Lower Upper
162 100
127 33.0 31.0 46.4
164 33.8 28.6 42.8

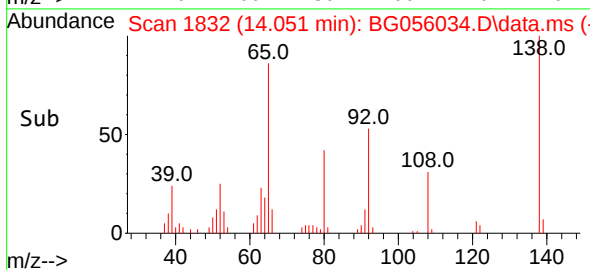
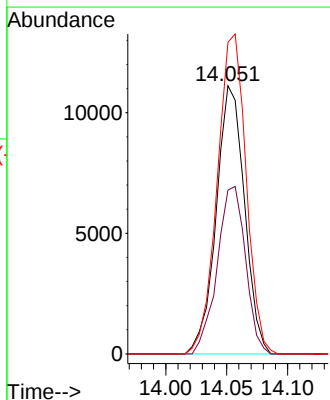
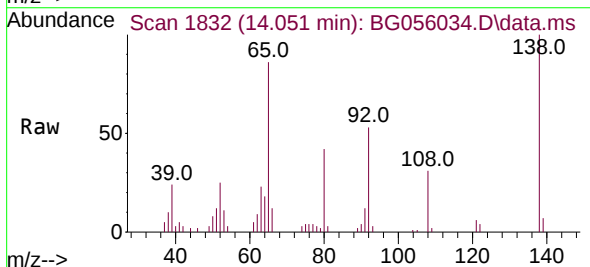
Manual Integrations
APPROVED

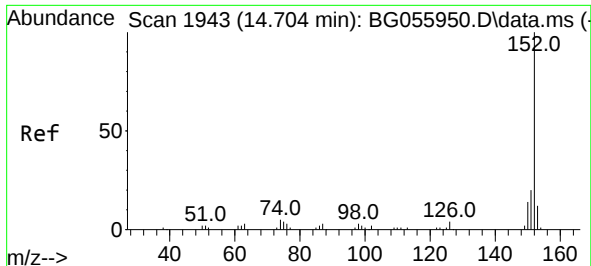
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#48
2-Nitroaniline
Concen: 50.260 ng
RT: 14.051 min Scan# 1832
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

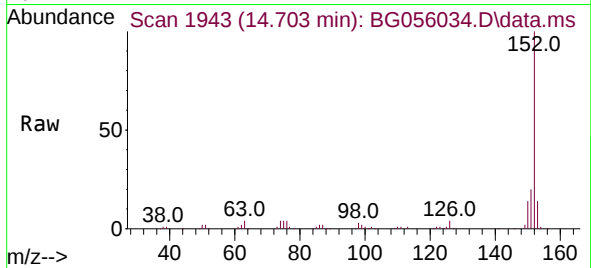
Tgt Ion: 65 Resp: 17927
Ion Ratio Lower Upper
65 100
92 61.1 49.7 74.5
138 116.2 105.0 157.6





#49
Acenaphthylene
Concen: 44.282 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

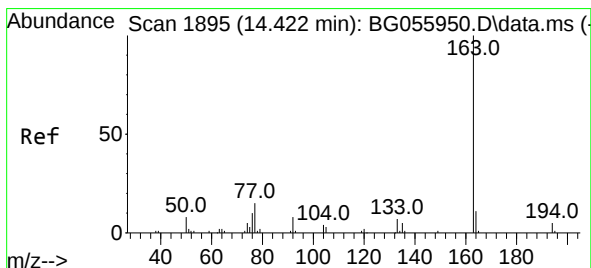
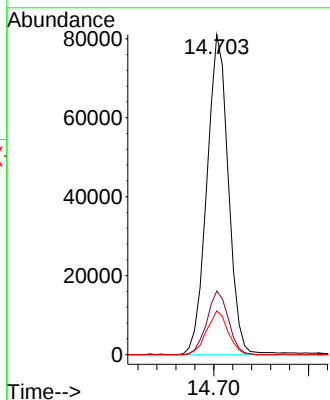
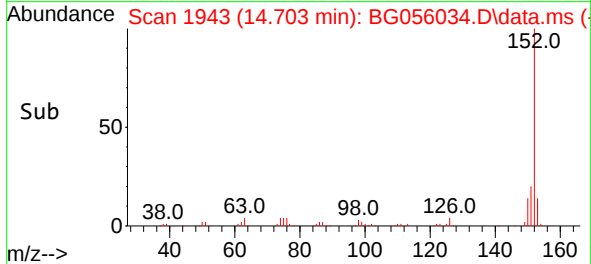
Instrument :
BNA_G
ClientSampleId :
72-11977MS



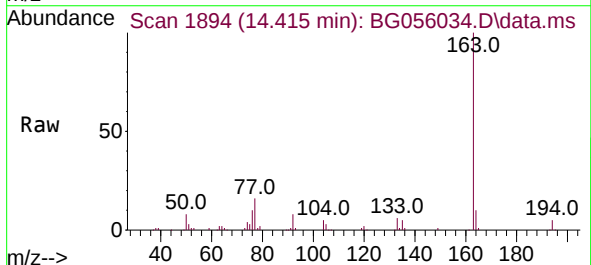
Tgt Ion:152 Resp: 127536
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.7 10.0 15.0

Manual Integrations
APPROVED

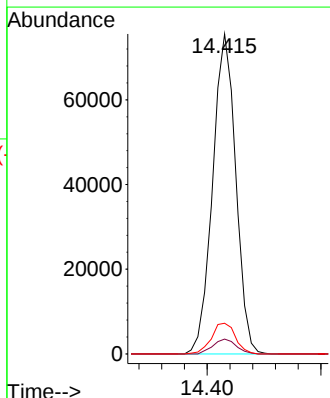
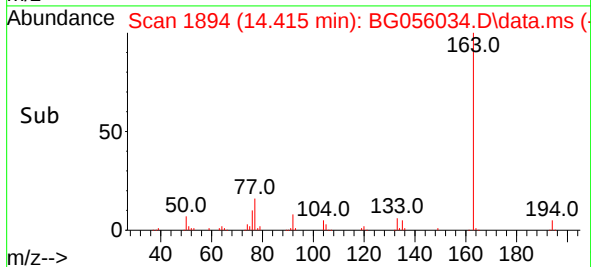
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

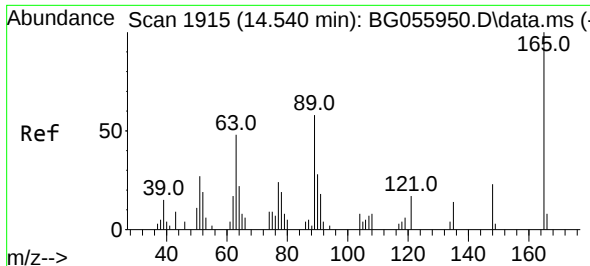


#50
Dimethylphthalate
Concen: 37.675 ng
RT: 14.415 min Scan# 1894
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



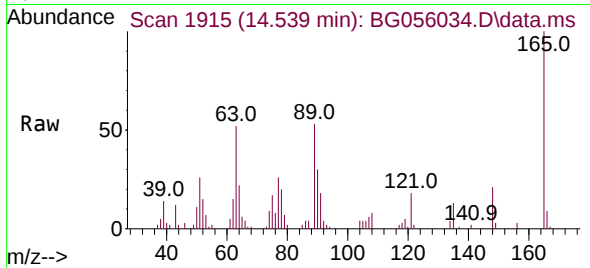
Tgt Ion:163 Resp: 106709
Ion Ratio Lower Upper
163 100
194 4.6 3.8 5.6
164 9.6 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 50.567 ng
RT: 14.539 min Scan# 1915
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

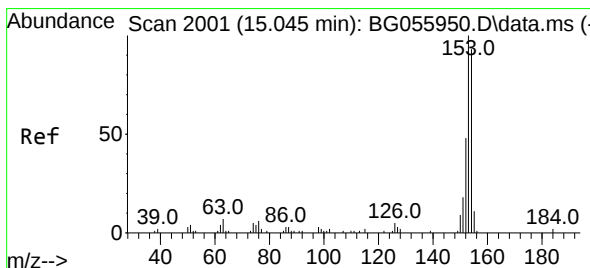
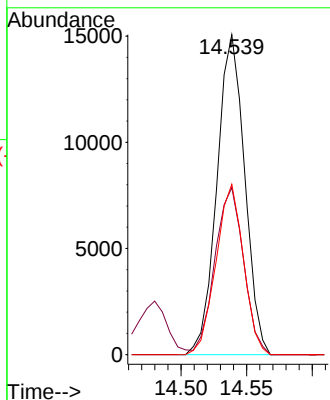
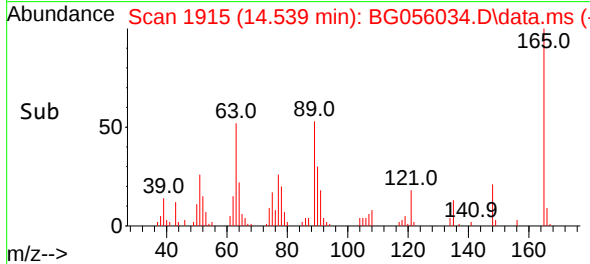
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:165 Resp: 22164
Ion Ratio Lower Upper
165 100
63 52.2 38.3 57.5
89 53.2 46.3 69.5

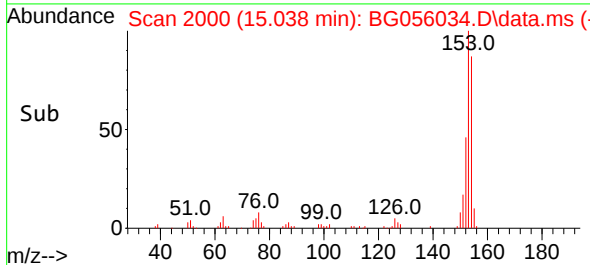
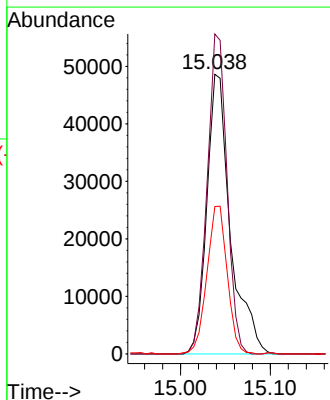
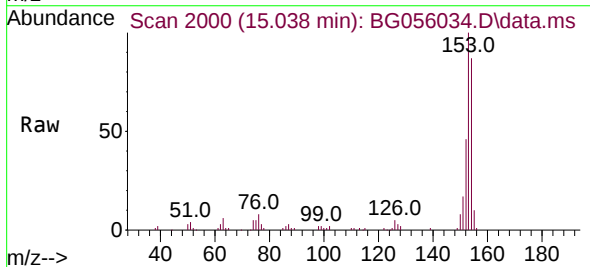
Manual Integrations
APPROVED

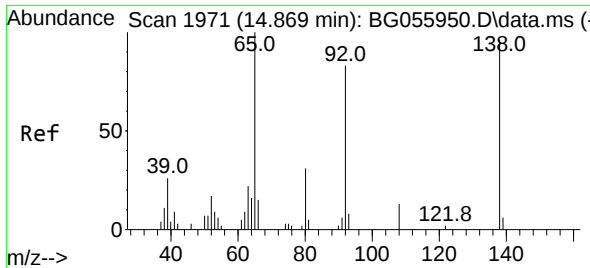
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#52
Acenaphthene
Concen: 46.126 ng
RT: 15.038 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

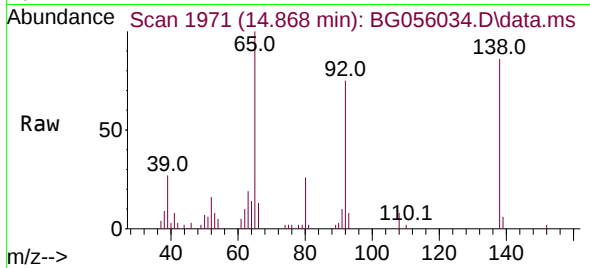
Tgt Ion:154 Resp: 89184
Ion Ratio Lower Upper
154 100
153 114.5 86.2 129.2
152 52.7 41.4 62.0





#53
3-Nitroaniline
Concen: 29.339 ng
RT: 14.868 min Scan# 1971
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

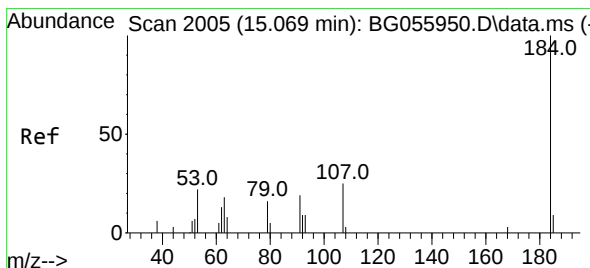
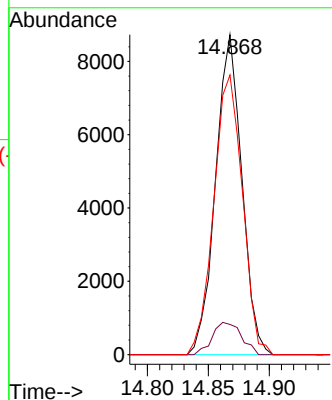
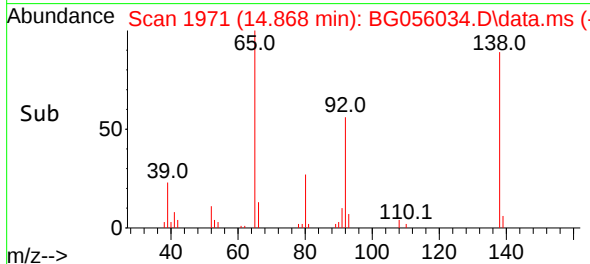
Instrument :
BNA_G
ClientSampleId :
72-11977MS



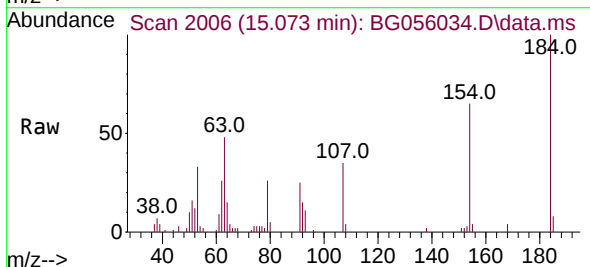
Tgt Ion:138 Resp: 13080
Ion Ratio Lower Upper
138 100
108 9.4 10.9 16.3#
92 87.4 69.4 104.0#

Manual Integrations
APPROVED

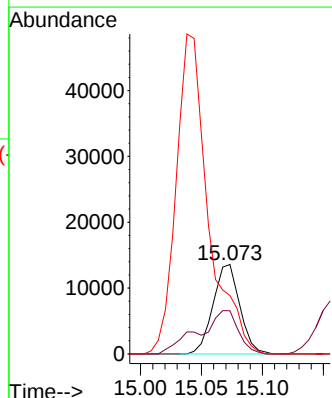
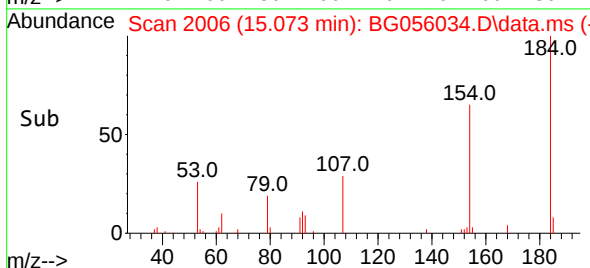
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

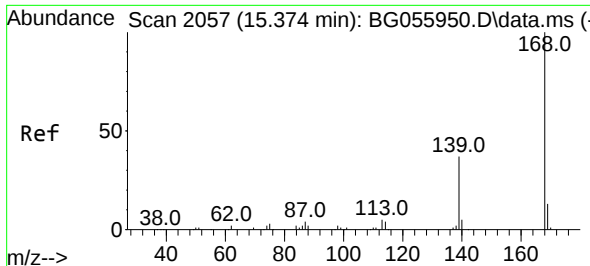


#54
2,4-Dinitrophenol
Concen: 63.493 ng
RT: 15.073 min Scan# 2006
Delta R.T. 0.010 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



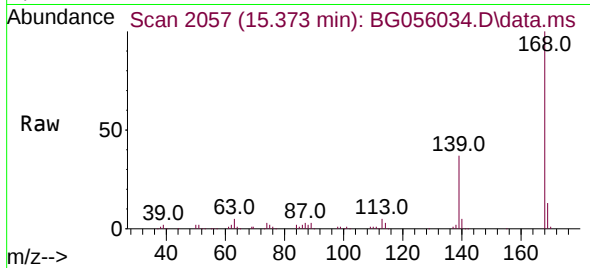
Tgt Ion:184 Resp: 20689
Ion Ratio Lower Upper
184 100
63 48.3 23.0 34.4#
154 65.2 67.0 100.4#





#55
Dibenzofuran
Concen: 41.363 ng
RT: 15.373 min Scan# 2057
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

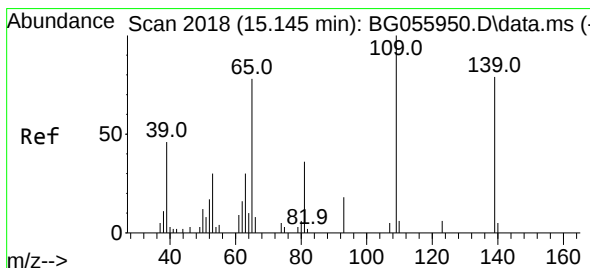
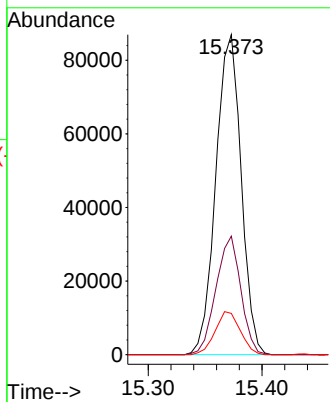
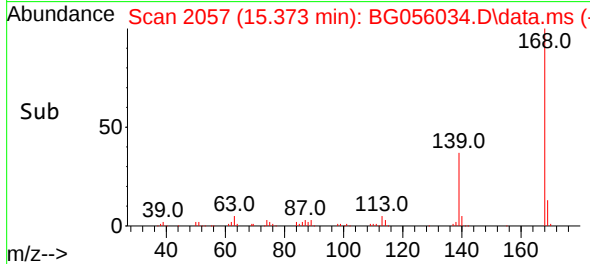
Instrument :
BNA_G
ClientSampleId :
72-11977MS



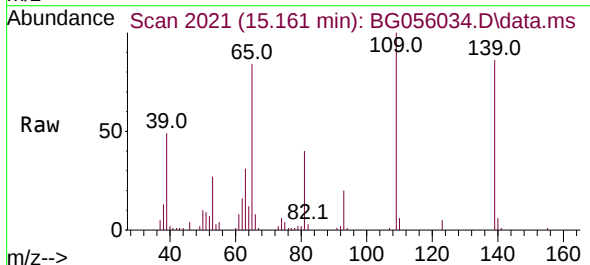
Tgt Ion:168 Resp: 134488
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8
169 12.9 10.6 16.0

Manual Integrations
APPROVED

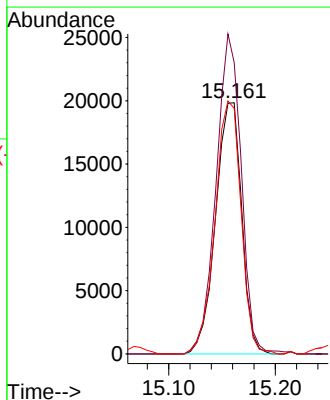
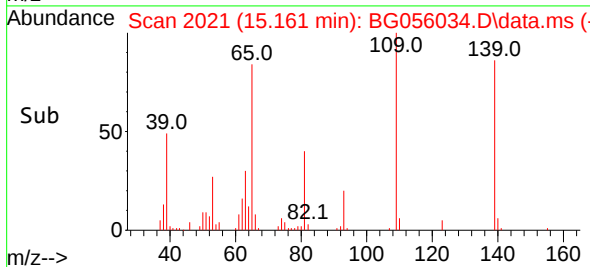
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

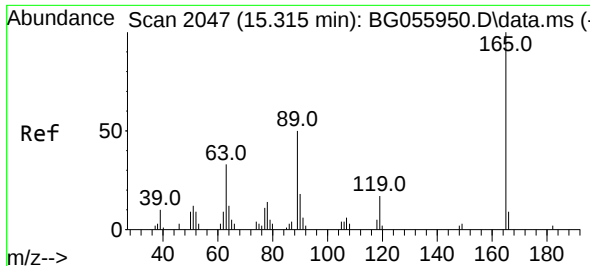


#56
4-Nitrophenol
Concen: 94.642 ng
RT: 15.161 min Scan# 2021
Delta R.T. 0.016 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



Tgt Ion:139 Resp: 33812
Ion Ratio Lower Upper
139 100
109 116.0 106.7 146.7
65 97.8 79.2 119.2





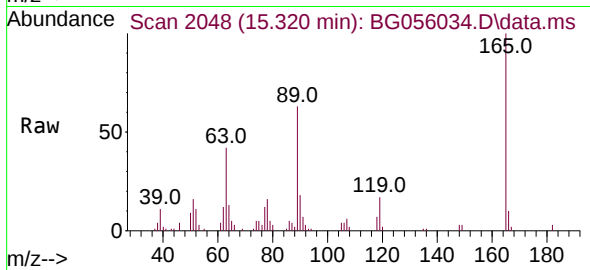
#57
2,4-Dinitrotoluene
Concen: 47.594 ng
RT: 15.320 min Scan# 2047
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

72-11977MS

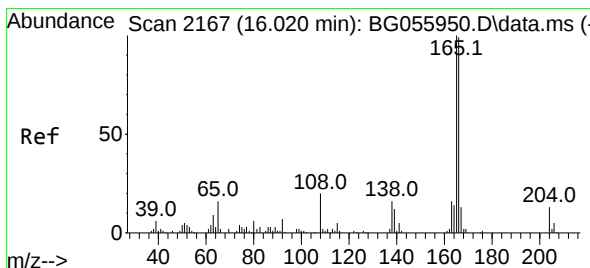
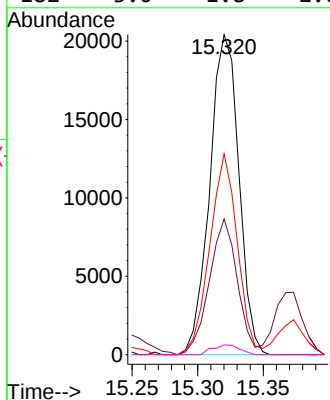
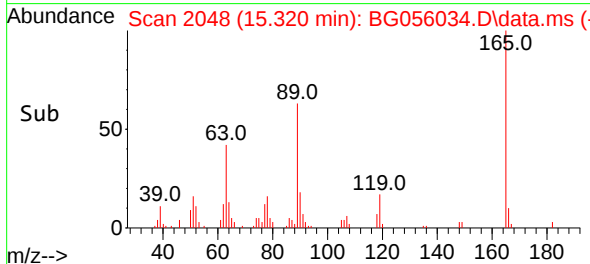


Tgt Ion:165 Resp: 31489
Ion Ratio Lower Upper
165 100
63 42.4 26.6 39.8
89 62.7 40.1 60.1
182 3.0 1.8 2.6#

Manual Integrations

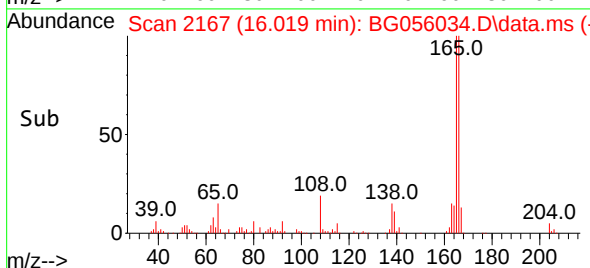
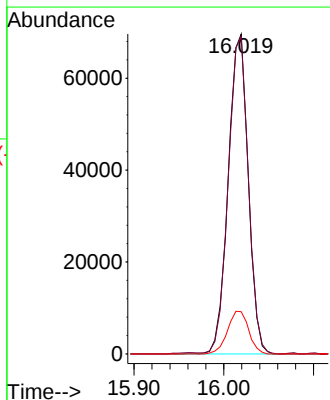
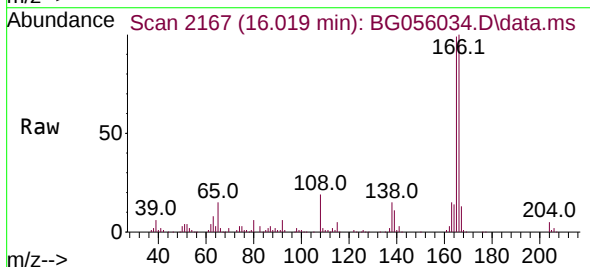
APPROVED

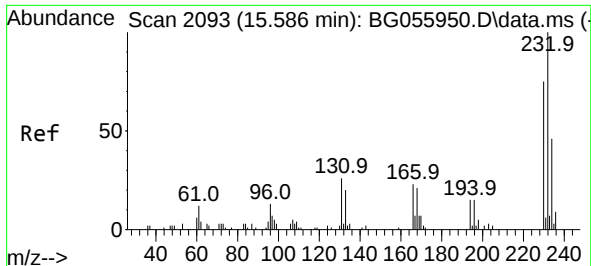
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#58
Fluorene
Concen: 40.697 ng
RT: 16.019 min Scan# 2167
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion:166 Resp: 108168
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 13.2 10.5 15.7





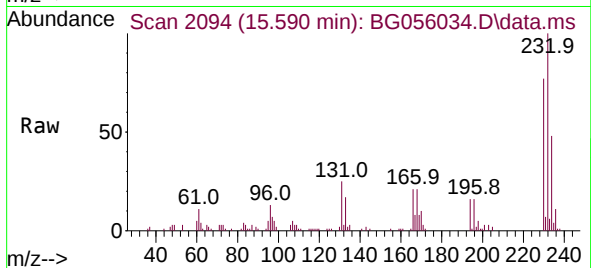
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.394 ng
RT: 15.590 min Scan# 2093
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

72-11977MS

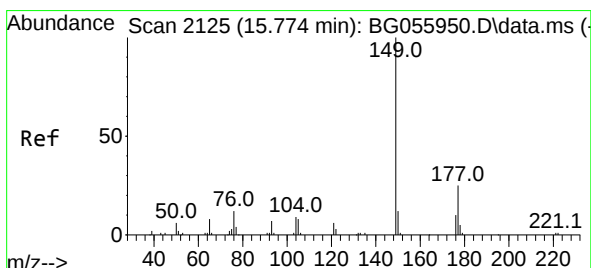
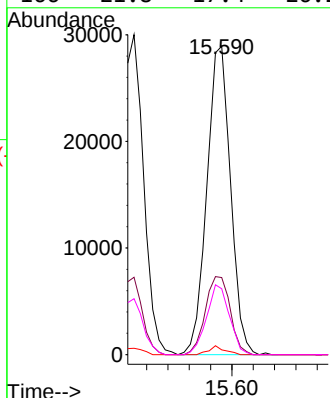
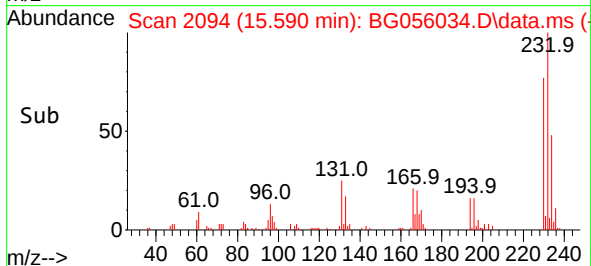


Tgt Ion:232 Resp: 4467
Ion Ratio Lower Upper
232 100
131 26.5 20.7 31.1
130 1.9 1.2 1.8
166 21.8 17.4 26.2

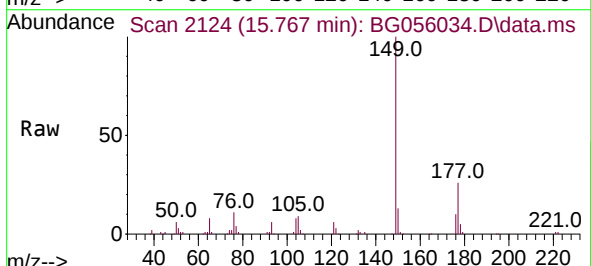
Manual Integrations

APPROVED

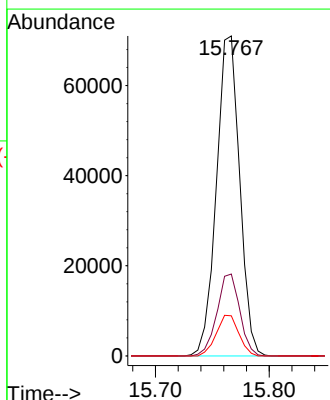
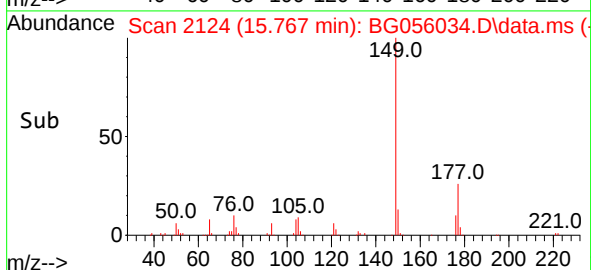
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

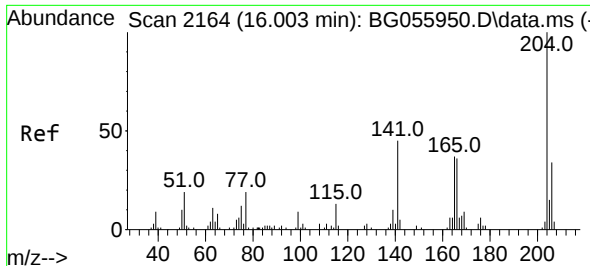


#60
Diethylphthalate
Concen: 36.357 ng
RT: 15.767 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



Tgt Ion:149 Resp: 100652
Ion Ratio Lower Upper
149 100
177 25.6 19.7 29.5
150 12.5 9.5 14.3





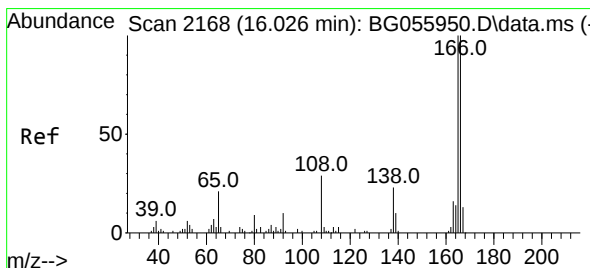
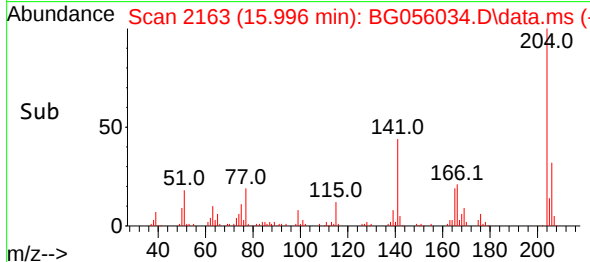
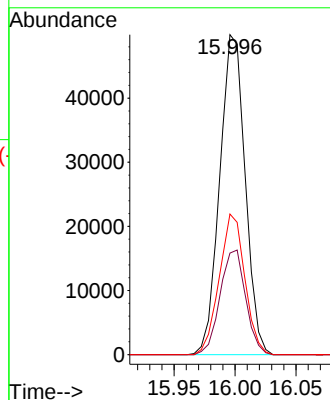
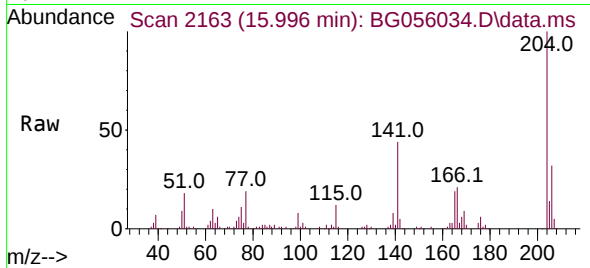
#61
4-Chlorophenyl-phenylether
Concen: 39.979 ng
RT: 15.996 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :
BNA_G
ClientSampleId :
72-11977MS

Tgt Ion:204 Resp: 7238
Ion Ratio Lower Upper
204 100
206 31.7 27.0 40.4
141 43.9 36.3 54.5

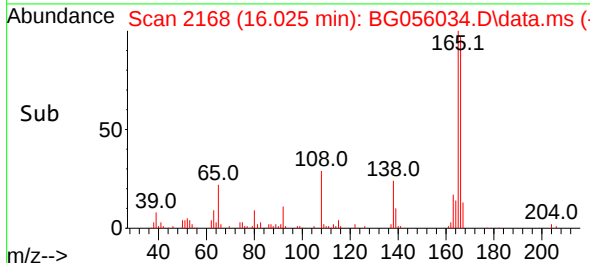
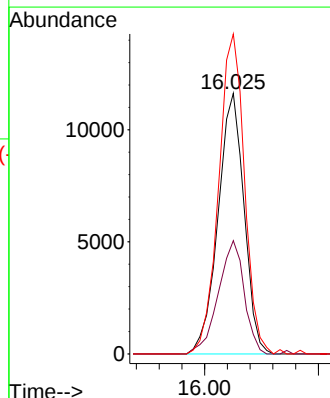
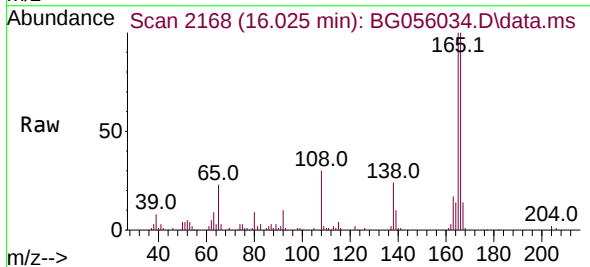
Manual Integrations
APPROVED

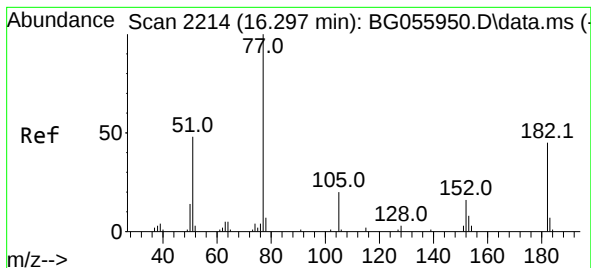
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#62
4-Nitroaniline
Concen: 37.927 ng
RT: 16.025 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion:138 Resp: 18414
Ion Ratio Lower Upper
138 100
92 43.4 24.4 64.4
108 122.8 110.1 150.1





#63

Azobenzene

Concen: 39.292 ng

RT: 16.290 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

72-11977MS

Tgt Ion: 77 Resp: 66206

Ion Ratio Lower Upper

77 100

182 43.2 24.7 64.7

105 20.5 0.3 40.3

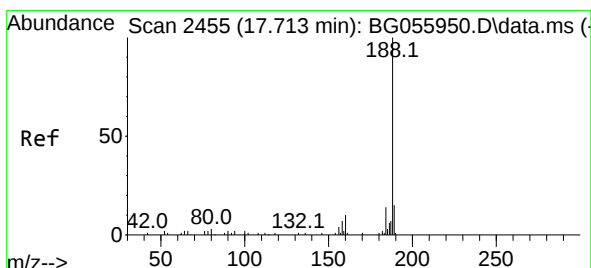
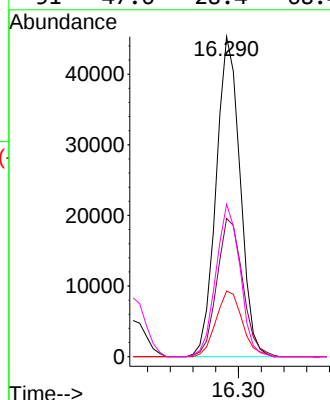
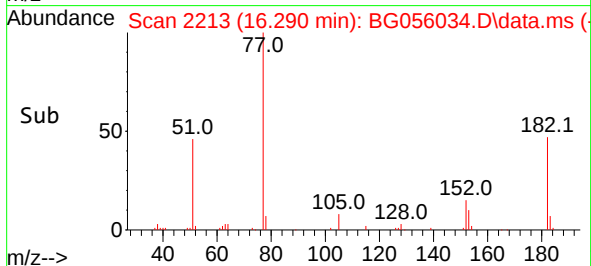
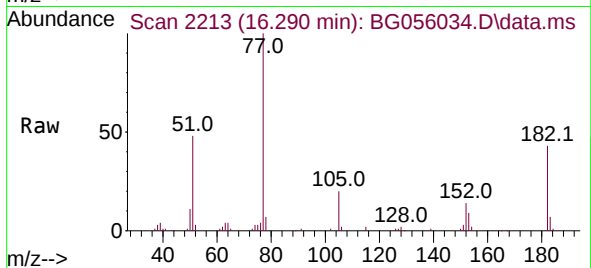
51 47.6 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022

Supervised By :Jagrut Upadhyay 12/21/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.711 min Scan# 2455

Delta R.T. 0.005 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

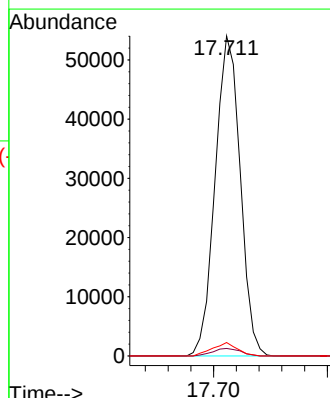
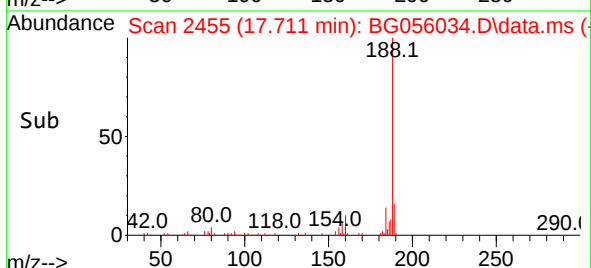
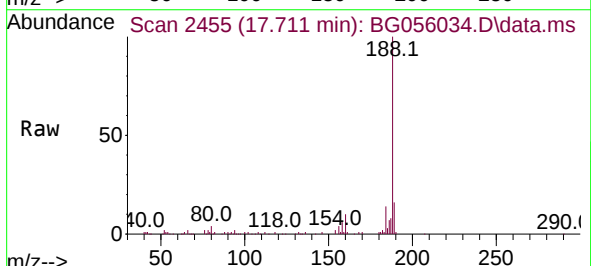
Tgt Ion:188 Resp: 82716

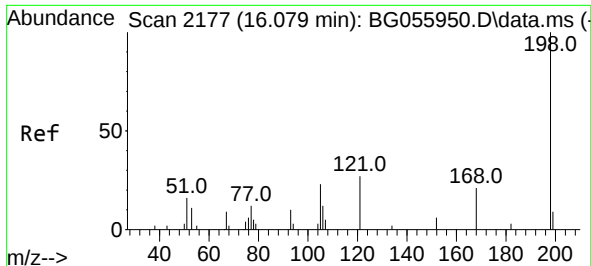
Ion Ratio Lower Upper

188 100

94 2.8 1.8 2.8

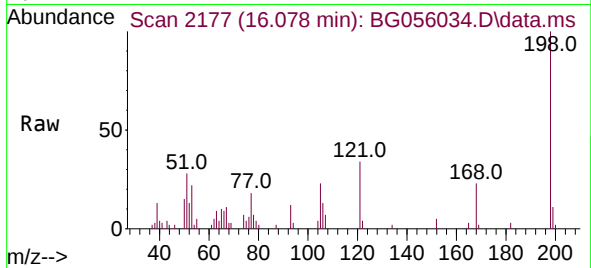
80 4.2 2.4 3.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 37.354 ng
RT: 16.078 min Scan# 2177
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

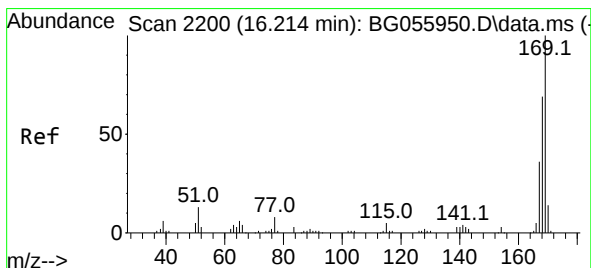
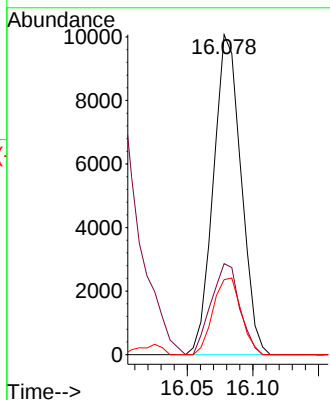
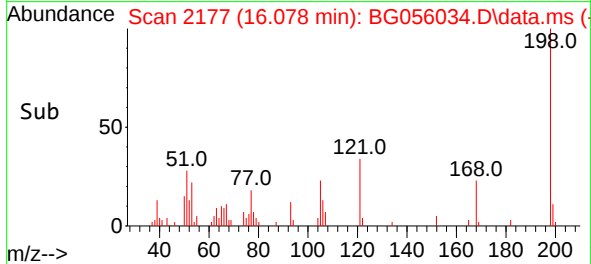
Instrument :
BNA_G
ClientSampleId :
72-11977MS



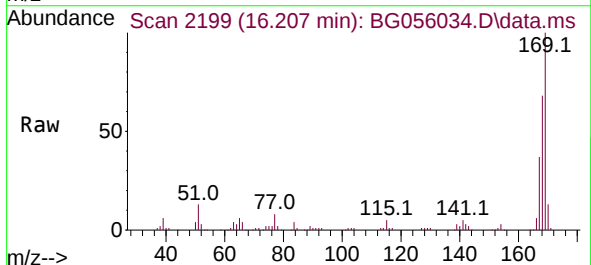
Tgt Ion:198 Resp: 14760
Ion Ratio Lower Upper
198 100
51 28.4 3.0 43.0
105 23.4 3.3 43.3

Manual Integrations
APPROVED

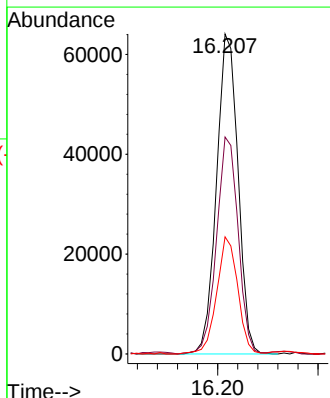
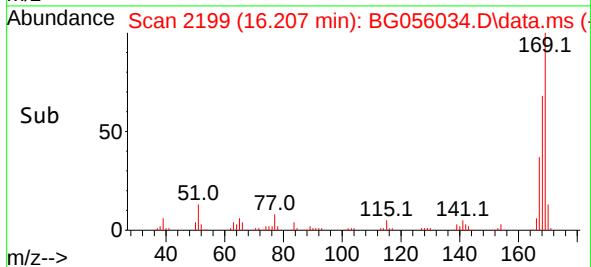
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

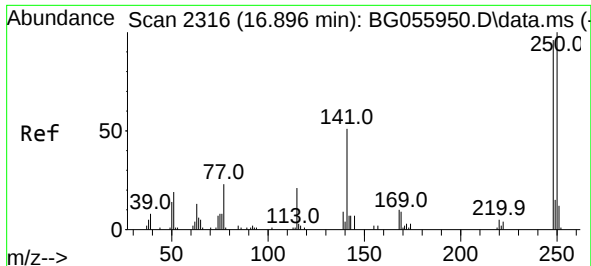


#66
n-Nitrosodiphenylamine
Concen: 44.023 ng
RT: 16.207 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



Tgt Ion:169 Resp: 95425
Ion Ratio Lower Upper
169 100
168 67.8 55.3 82.9
167 36.6 28.9 43.3





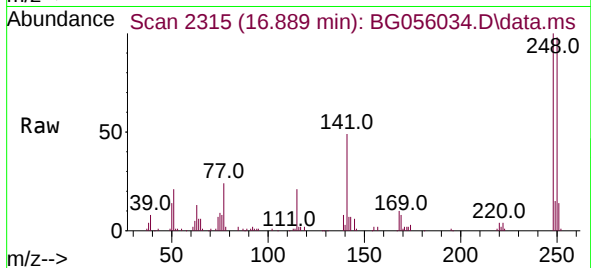
#67
4-Bromophenyl-phenylether
Concen: 43.711 ng
RT: 16.889 min Scan# 2315
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

72-11977MS

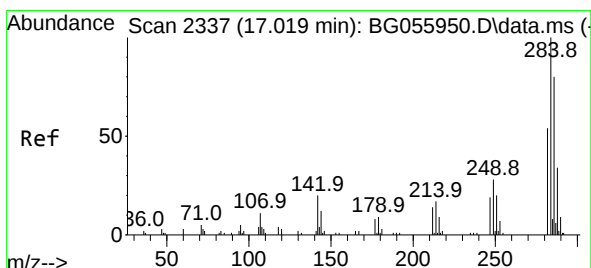
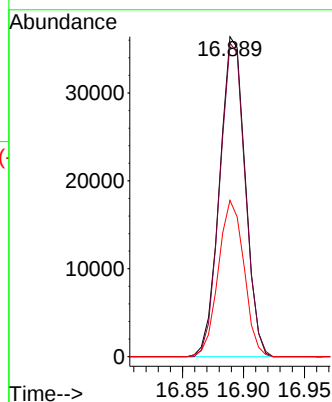
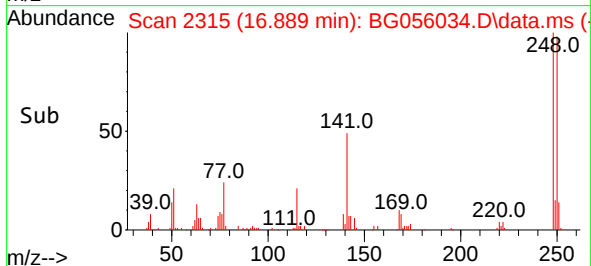


Tgt Ion:248 Resp: 52980
Ion Ratio Lower Upper
248 100
250 98.0 83.0 124.6
141 48.8 42.6 64.0

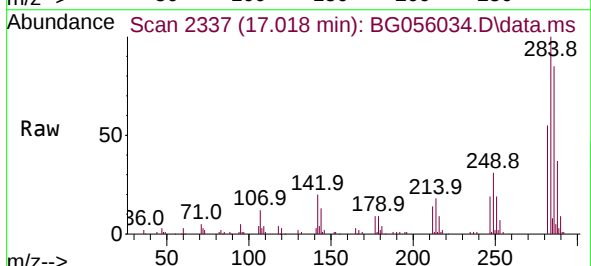
Manual Integrations

APPROVED

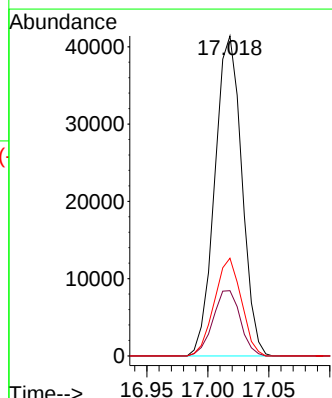
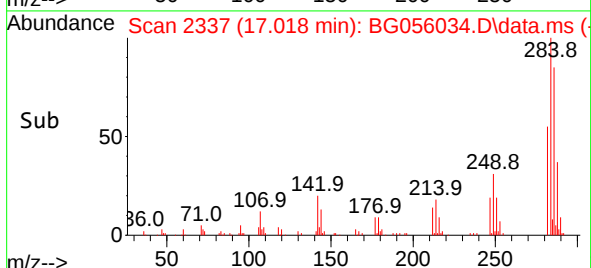
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

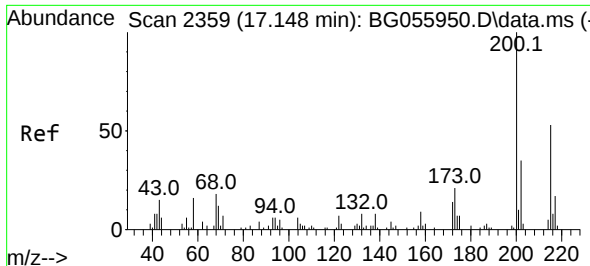


#68
Hexachlorobenzene
Concen: 42.704 ng
RT: 17.018 min Scan# 2337
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



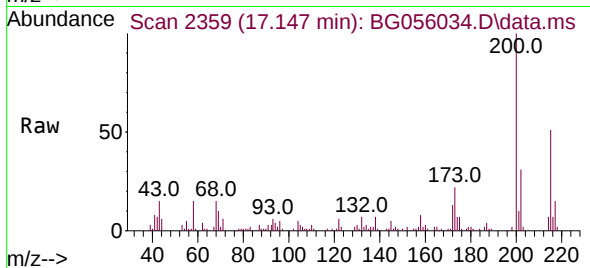
Tgt Ion:284 Resp: 63754
Ion Ratio Lower Upper
284 100
142 20.4 16.2 24.2
249 30.5 22.8 34.2





#69
Atrazine
Concen: 45.463 ng
RT: 17.147 min Scan# 2359
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

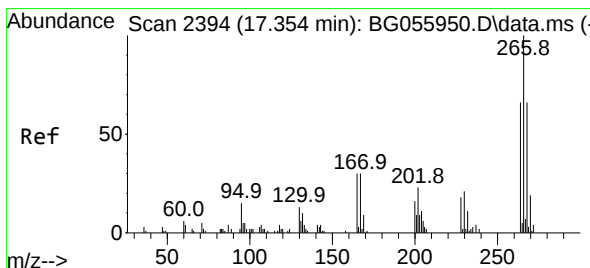
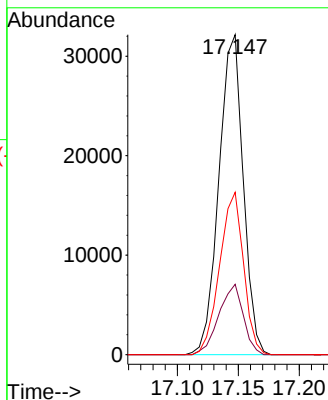
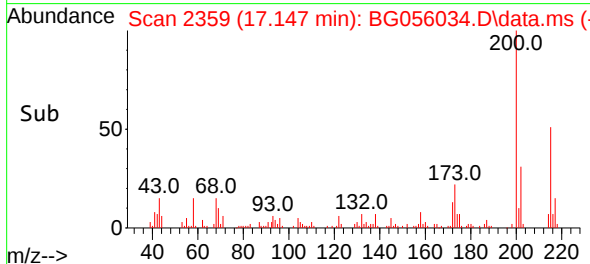
Instrument :
BNA_G
ClientSampleId :
72-11977MS



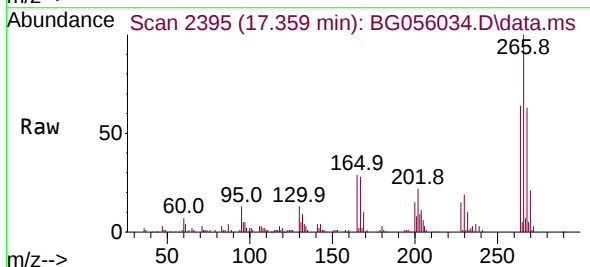
Tgt Ion:200 Resp: 44621
Ion Ratio Lower Upper
200 100
173 22.0 1.4 41.4
215 50.7 33.3 73.3

Manual Integrations
APPROVED

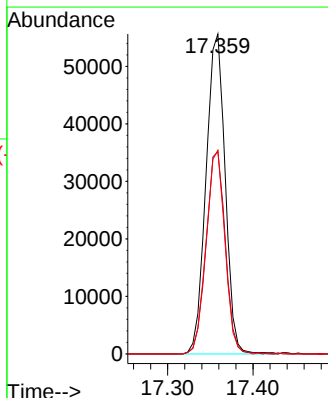
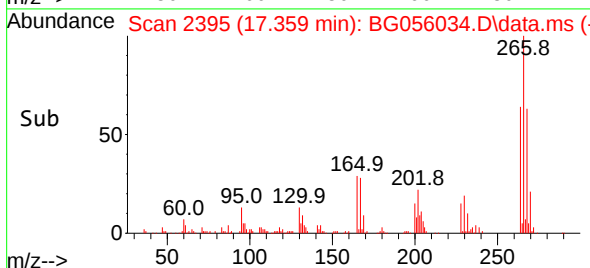
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

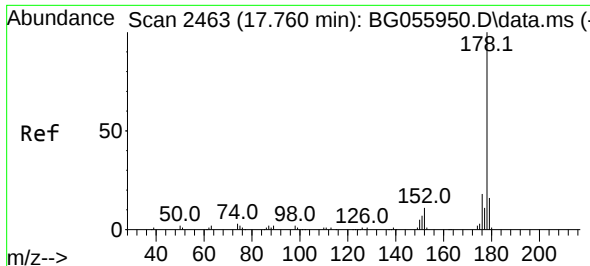


#70
Pentachlorophenol
Concen: 101.644 ng
RT: 17.359 min Scan# 2395
Delta R.T. 0.010 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



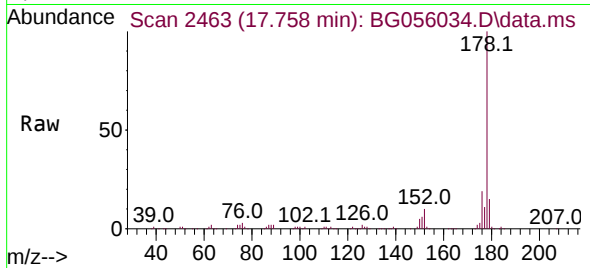
Tgt Ion:266 Resp: 86753
Ion Ratio Lower Upper
266 100
268 63.2 55.5 83.3
264 63.6 52.6 78.8





#71
Phenanthrene
Concen: 59.926 ng
RT: 17.758 min Scan# 2463
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

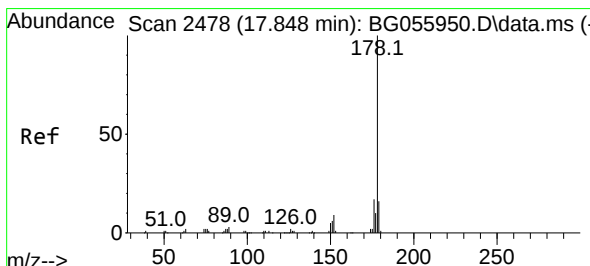
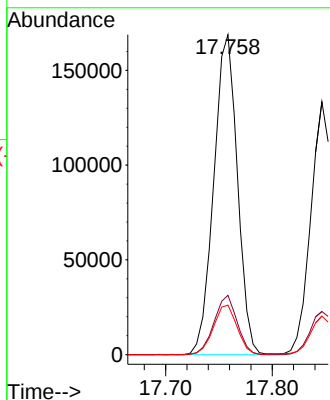
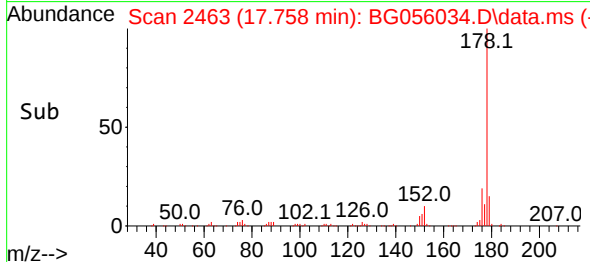
Instrument :
BNA_G
ClientSampleId :
72-11977MS



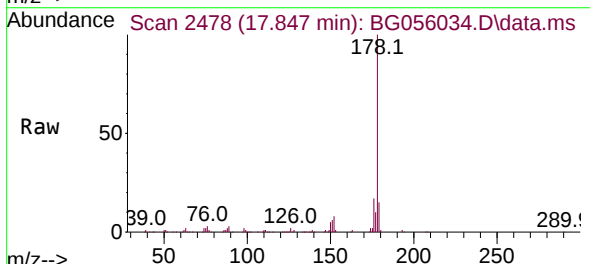
Tgt Ion:178 Resp: 259765
Ion Ratio Lower Upper
178 100
176 18.5 14.4 21.6
179 15.5 12.7 19.1

Manual Integrations
APPROVED

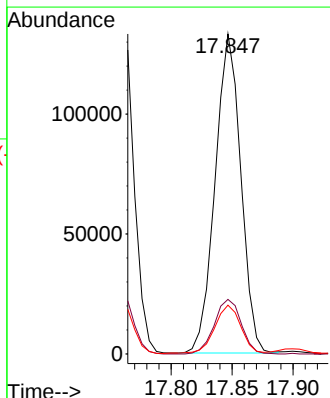
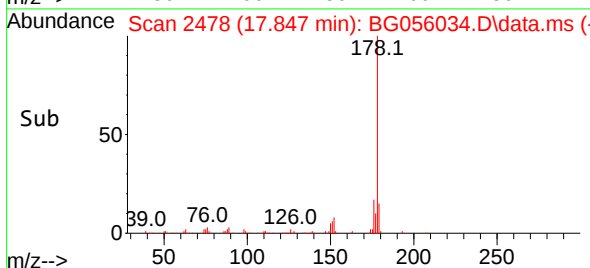
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

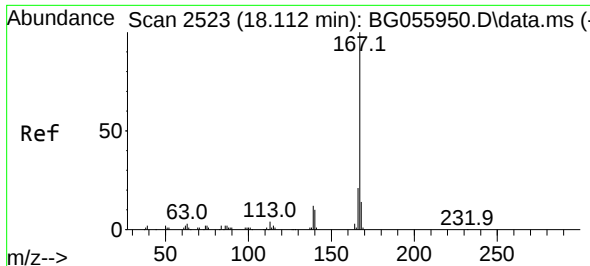


#72
Anthracene
Concen: 45.450 ng
RT: 17.847 min Scan# 2478
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



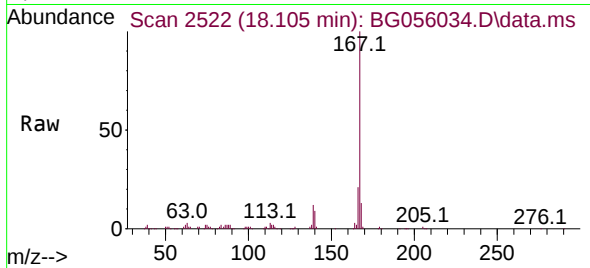
Tgt Ion:178 Resp: 194912
Ion Ratio Lower Upper
178 100
176 17.0 13.9 20.9
179 15.2 12.7 19.1





#73
Carbazole
Concen: 42.108 ng
RT: 18.105 min Scan# 2523
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

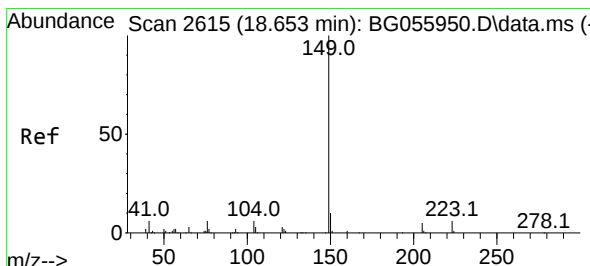
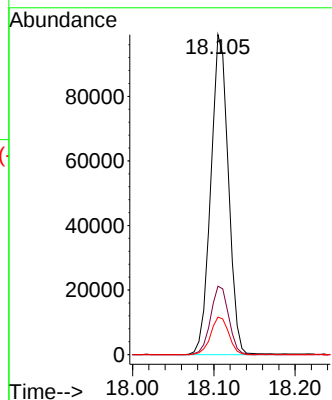
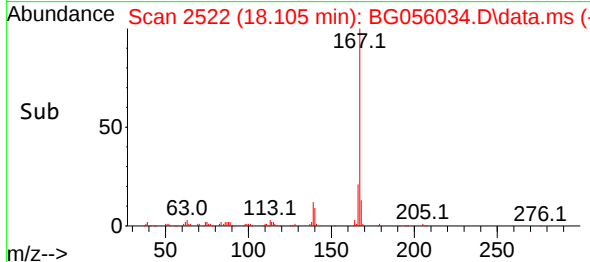
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:167 Resp: 148934
Ion Ratio Lower Upper
167 100
166 21.4 16.6 25.0
139 11.7 9.7 14.5

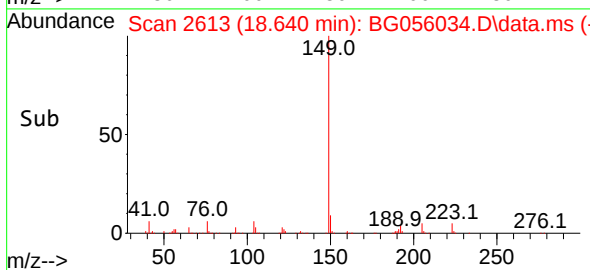
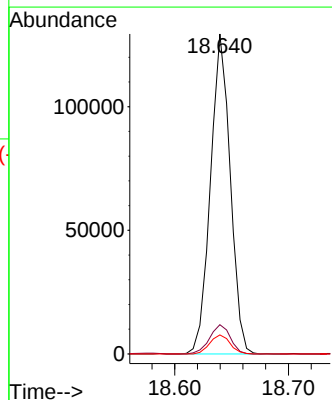
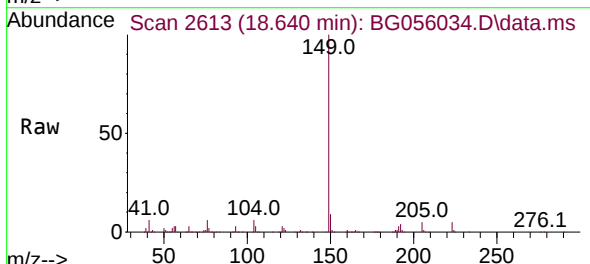
Manual Integrations
APPROVED

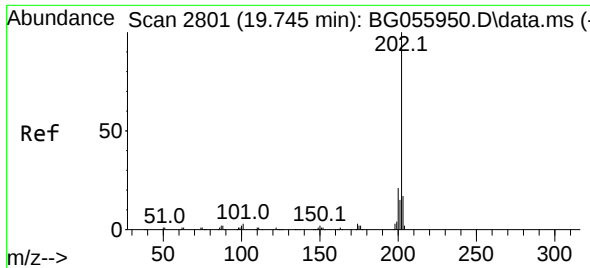
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#74
Di-n-butylphthalate
Concen: 38.056 ng
RT: 18.640 min Scan# 2613
Delta R.T. -0.001 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

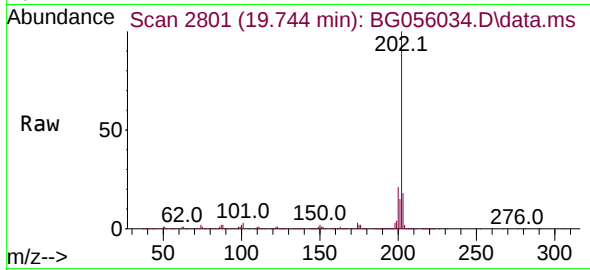
Tgt Ion:149 Resp: 156532
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 5.9 4.8 7.2





#75
Fluoranthene
Concen: 77.180 ng
RT: 19.744 min Scan# 2801
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

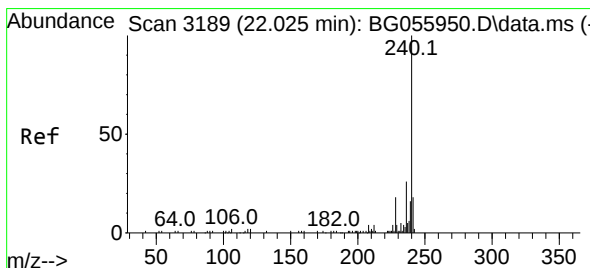
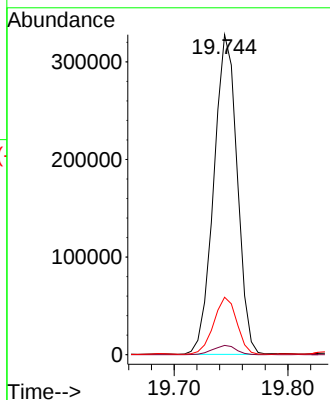
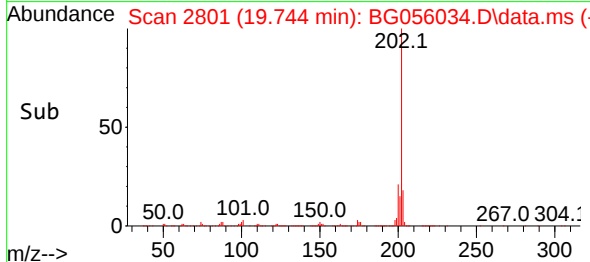
Instrument :
BNA_G
ClientSampleId :
72-11977MS



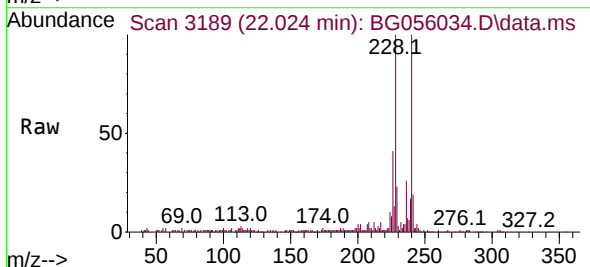
Tgt Ion:202 Resp: 468481
Ion Ratio Lower Upper
202 100
101 2.9 0.0 22.6
203 17.9 0.0 37.1

Manual Integrations
APPROVED

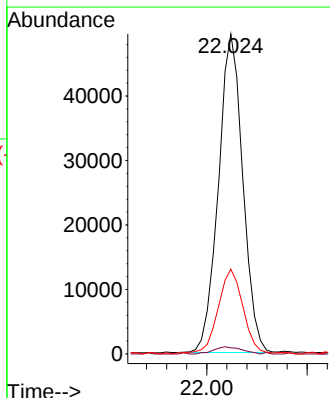
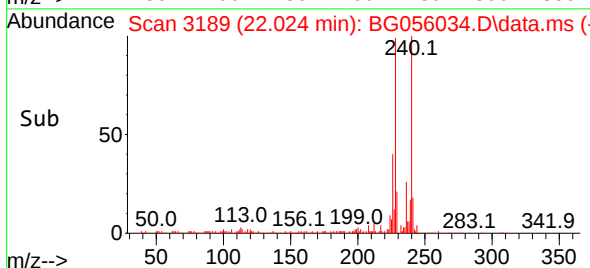
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

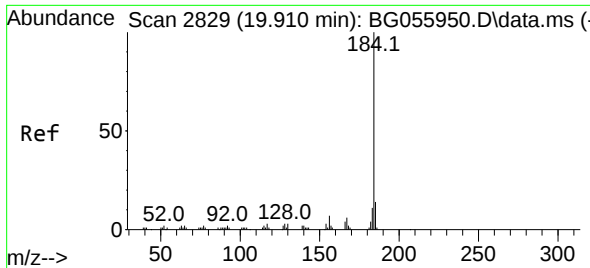


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3189
Delta R.T. 0.011 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



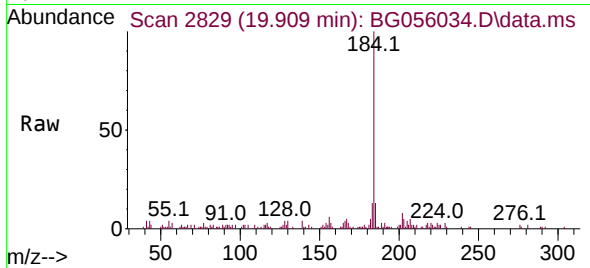
Tgt Ion:240 Resp: 83527
Ion Ratio Lower Upper
240 100
120 1.9 1.7 2.5
236 26.5 21.1 31.7





#77
Benzidine
Concen: 19.739 ng
RT: 19.909 min Scan# 2829
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

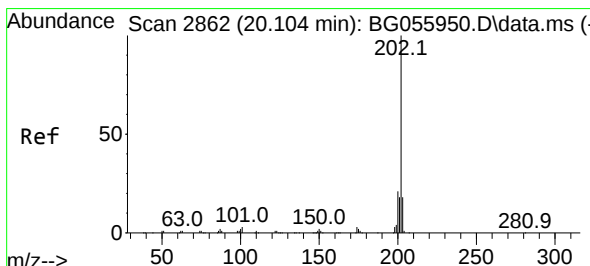
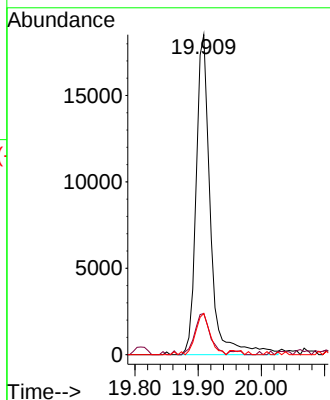
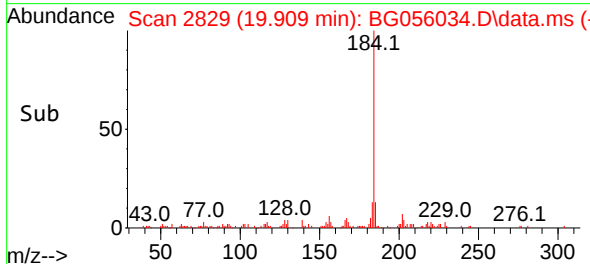
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:184 Resp: 28955
Ion Ratio Lower Upper
184 100
185 12.8 10.9 16.3
183 12.9 9.2 13.8

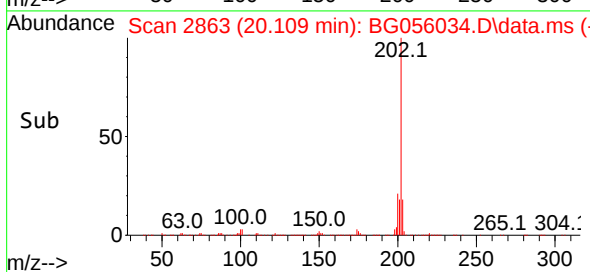
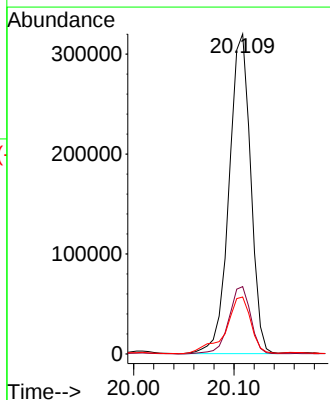
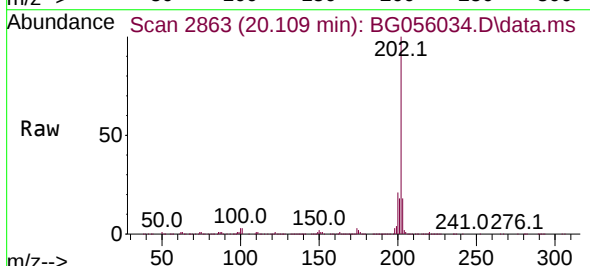
Manual Integrations
APPROVED

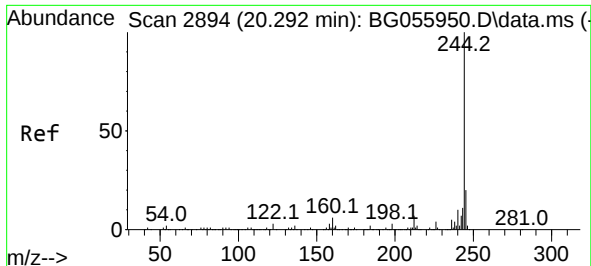
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#78
Pyrene
Concen: 94.219 ng
RT: 20.109 min Scan# 2863
Delta R.T. 0.011 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion:202 Resp: 476210
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.8 14.6 21.8





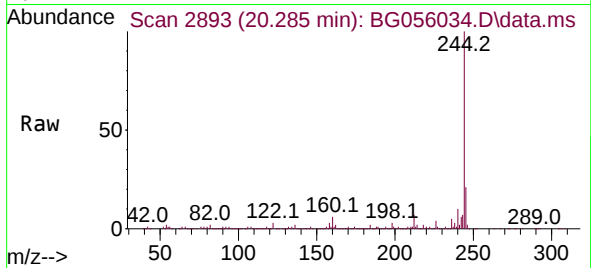
#79
 Terphenyl-d14
 Concen: 61.077 ng
 RT: 20.285 min Scan# 2894
 Delta R.T. 0.005 min
 Lab File: BG056034.D
 Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

72-11977MS

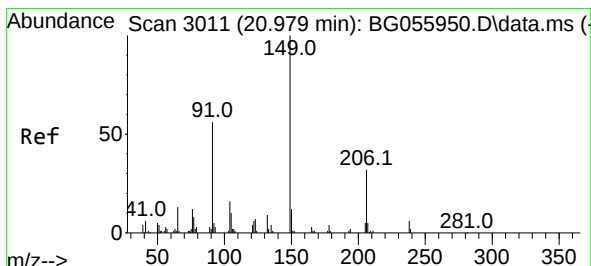
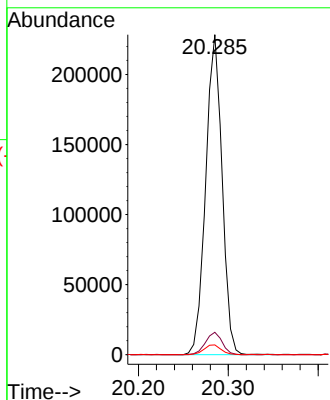
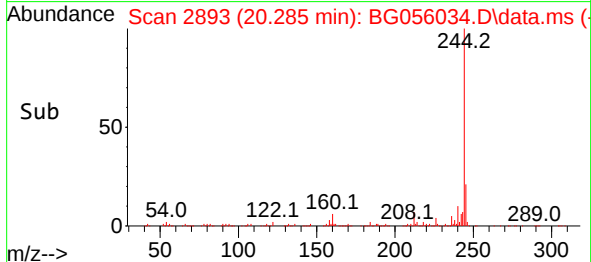


Tgt Ion:244 Resp: 288650
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 3.0 2.5 3.7

Manual Integrations

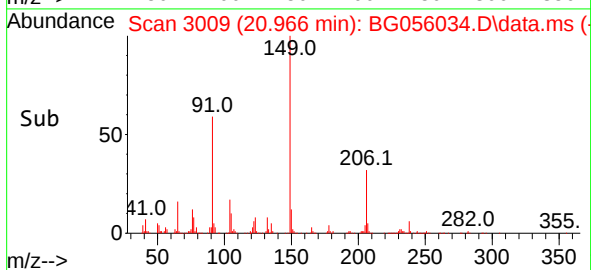
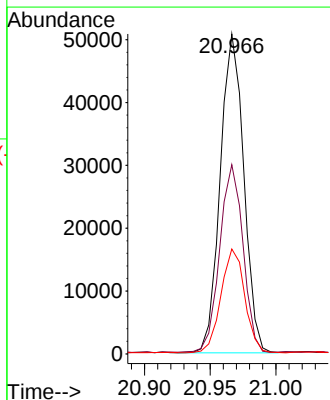
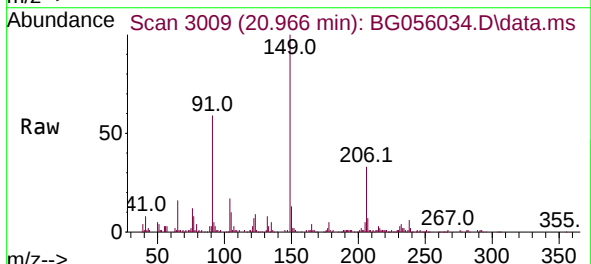
APPROVED

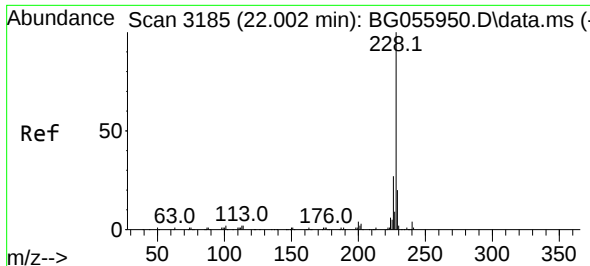
Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#80
 Butylbenzylphthalate
 Concen: 44.259 ng
 RT: 20.966 min Scan# 3009
 Delta R.T. 0.005 min
 Lab File: BG056034.D
 Acq: 20 Dec 2022 17:47

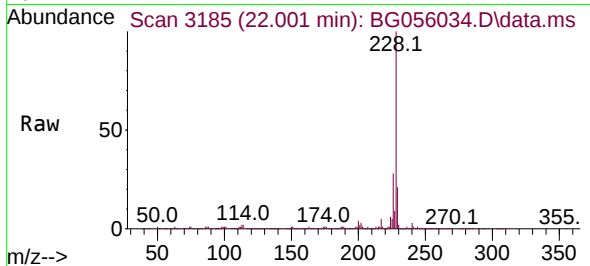
Tgt Ion:149 Resp: 63388
 Ion Ratio Lower Upper
 149 100
 91 59.1 44.5 66.7
 206 32.8 25.8 38.6





#81
Benzo(a)anthracene
Concen: 80.426 ng
RT: 22.001 min Scan# 3185
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

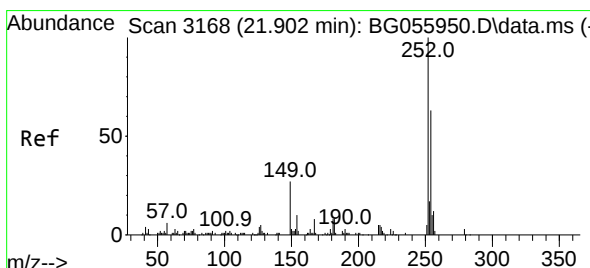
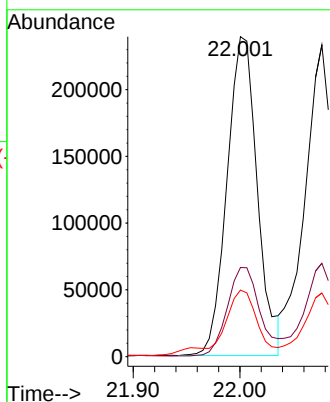
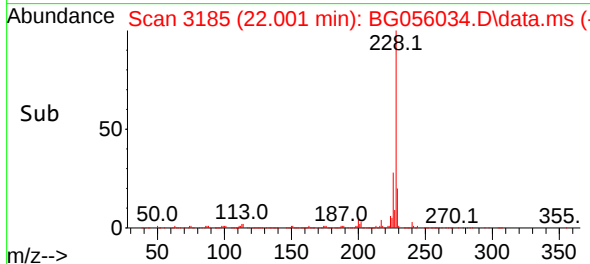
Instrument :
BNA_G
ClientSampleId :
72-11977MS



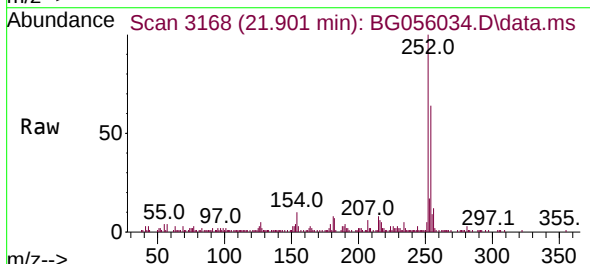
Tgt Ion:228 Resp: 472714
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.8 15.9 23.9

Manual Integrations
APPROVED

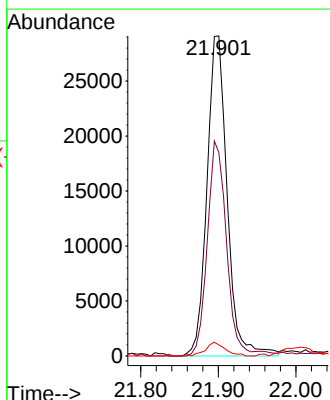
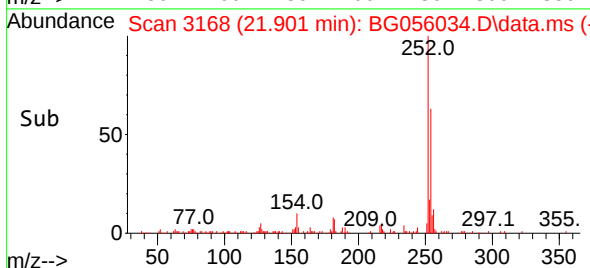
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

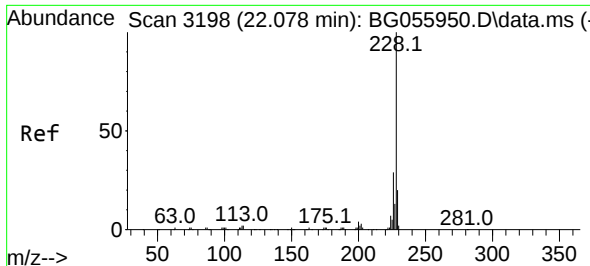


#82
3,3'-Dichlorobenzidine
Concen: 24.907 ng
RT: 21.901 min Scan# 3168
Delta R.T. 0.010 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



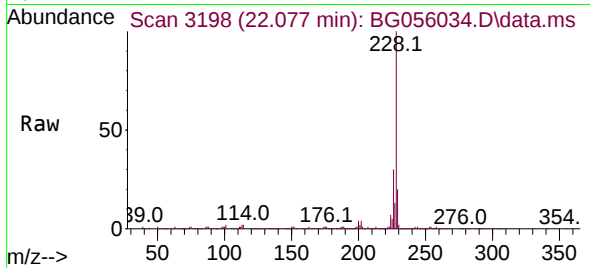
Tgt Ion:252 Resp: 52671
Ion Ratio Lower Upper
252 100
254 63.5 50.2 75.2
126 3.4 3.1 4.7





#83
Chrysene
Concen: 76.559 ng
RT: 22.077 min Scan# 3198
Delta R.T. 0.010 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

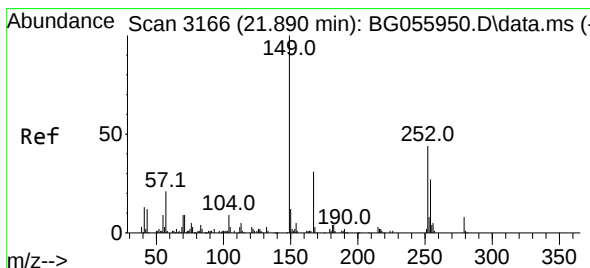
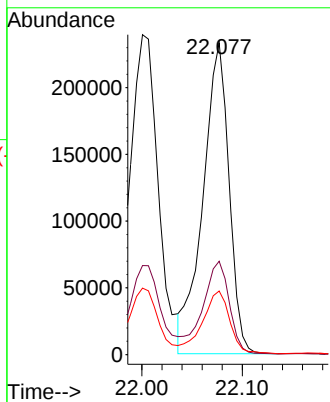
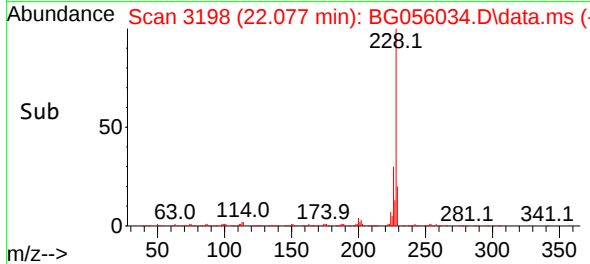
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:228 Resp: 421730
Ion Ratio Lower Upper
228 100
226 30.0 23.1 34.7
229 20.4 15.7 23.5

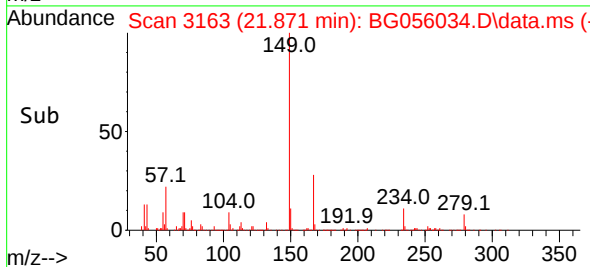
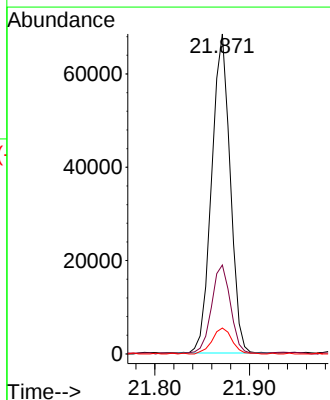
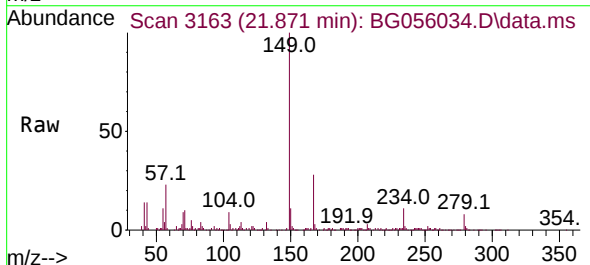
Manual Integrations
APPROVED

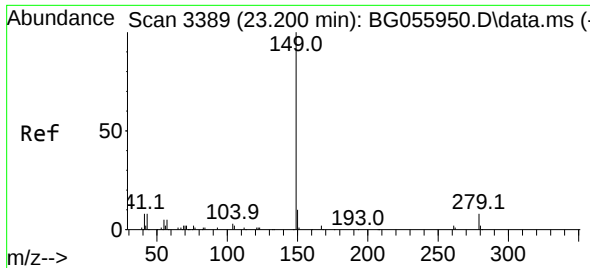
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.608 ng
RT: 21.871 min Scan# 3163
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

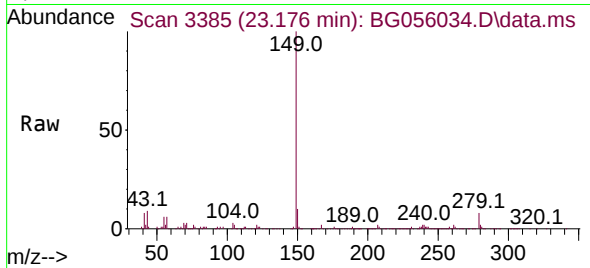
Tgt Ion:149 Resp: 92790
Ion Ratio Lower Upper
149 100
167 27.8 24.6 36.8
279 8.1 6.3 9.5





#85
Di-n-octyl phthalate
Concen: 44.253 ng
RT: 23.176 min Scan# 3389
Delta R.T. 0.005 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

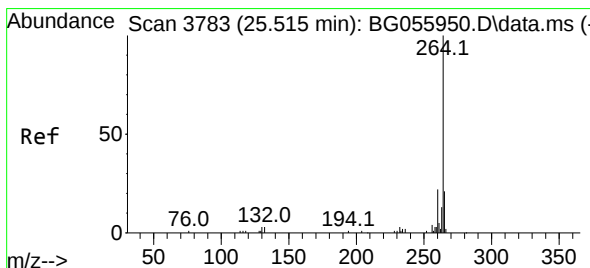
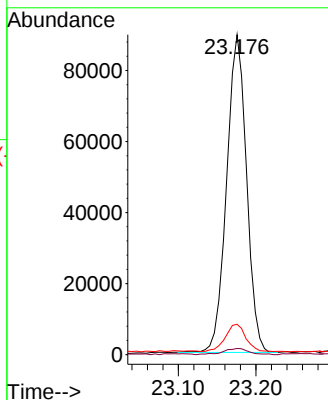
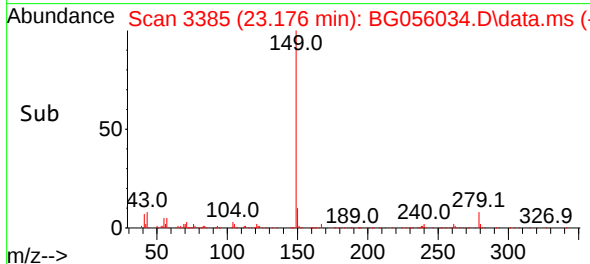
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:149 Resp: 159725
Ion Ratio Lower Upper
149 100
167 2.4 1.4 2.0
43 9.0 6.9 10.3

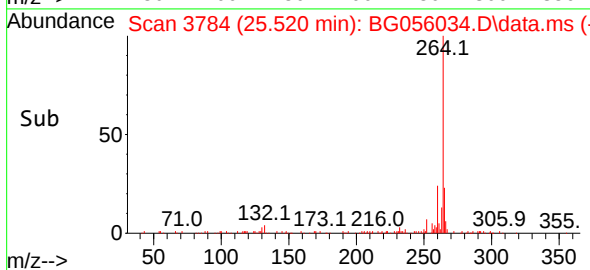
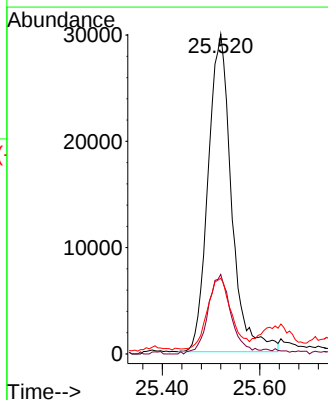
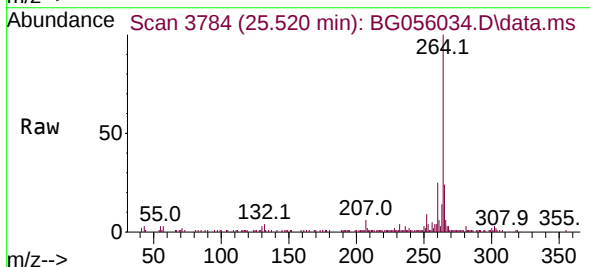
Manual Integrations
APPROVED

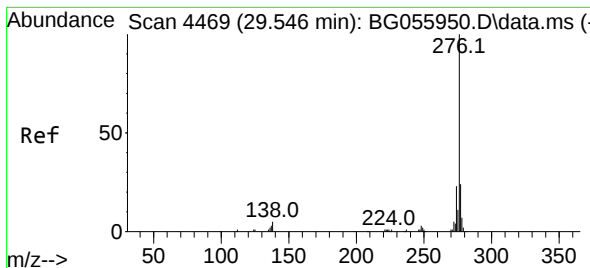
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.520 min Scan# 3784
Delta R.T. 0.022 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

Tgt Ion:264 Resp: 99799
Ion Ratio Lower Upper
264 100
260 24.8 17.8 26.8
265 23.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.821 ng

RT: 29.568 min Scan# 4469

Delta R.T. 0.046 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

Instrument :

BNA_G

ClientSampleId :

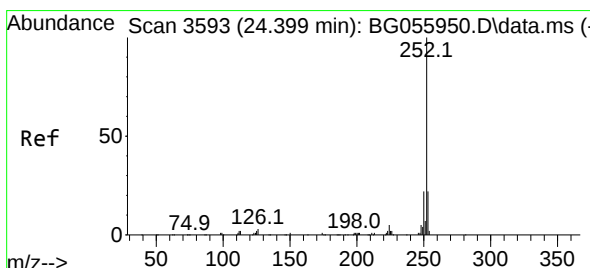
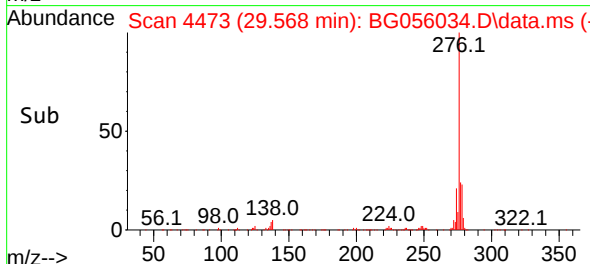
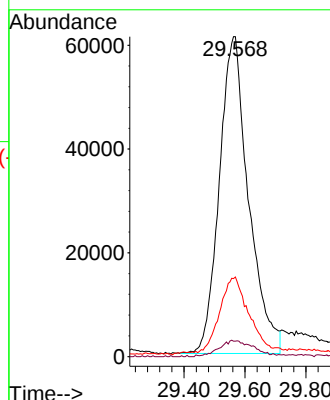
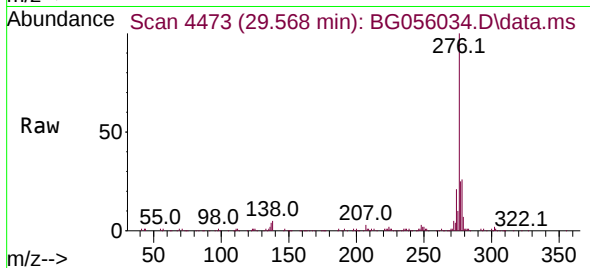
72-11977MS

Tgt Ion:276 Resp: 407848
 Ion Ratio Lower Upper
 276 100
 138 5.5 3.0 4.4
 277 23.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/21/2022
 Supervised By :Jagrut Upadhyay 12/21/2022



#88

Benzo(b)fluoranthene

Concen: 91.923 ng

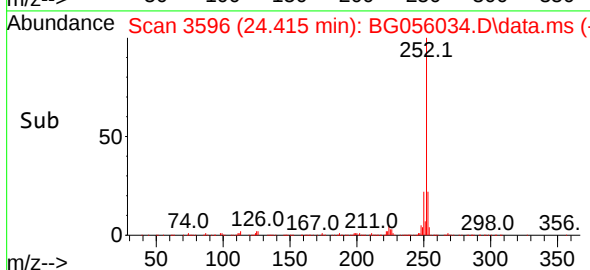
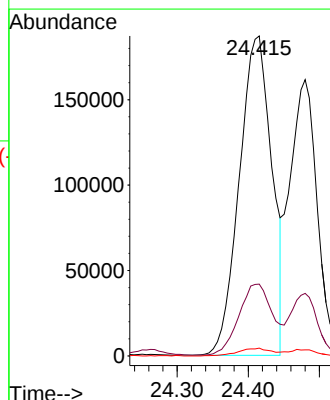
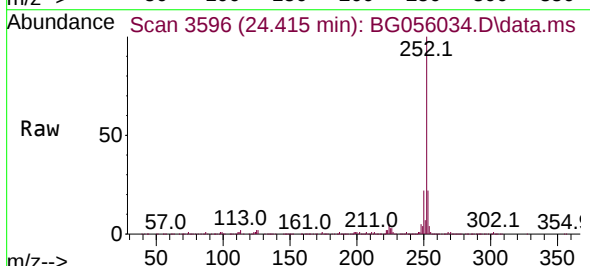
RT: 24.415 min Scan# 3596

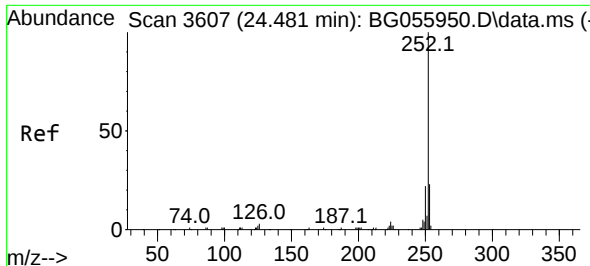
Delta R.T. 0.028 min

Lab File: BG056034.D

Acq: 20 Dec 2022 17:47

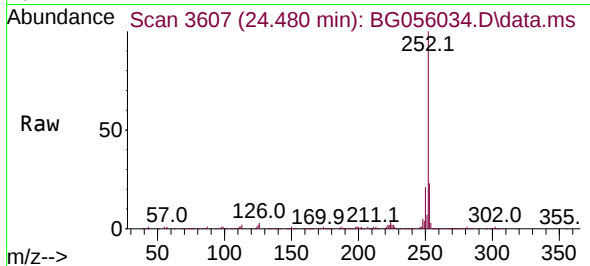
Tgt Ion:252 Resp: 593721
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.0
 125 2.4 1.8 2.8





#89
Benzo(k)fluoranthene
Concen: 66.958 ng m
RT: 24.480 min Scan# 3607
Delta R.T. 0.016 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

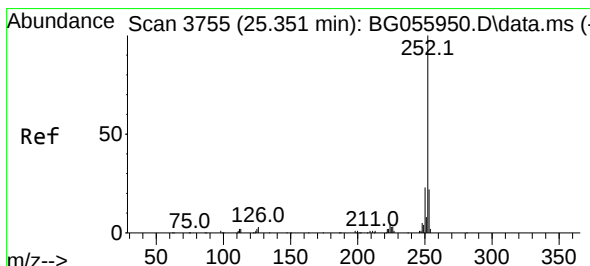
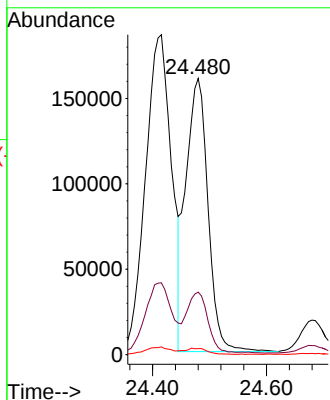
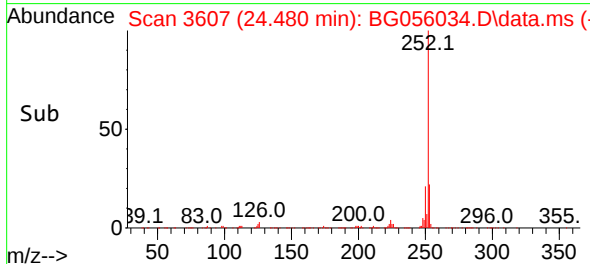
Instrument :
BNA_G
ClientSampleId :
72-11977MS



Tgt Ion:252 Resp: 431486
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 2.2 2.0 3.0

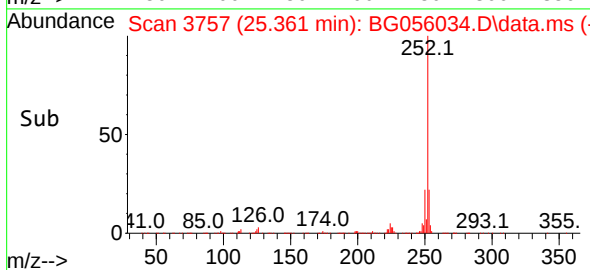
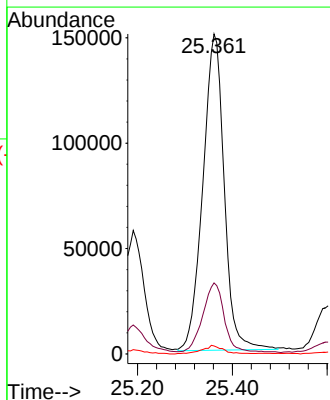
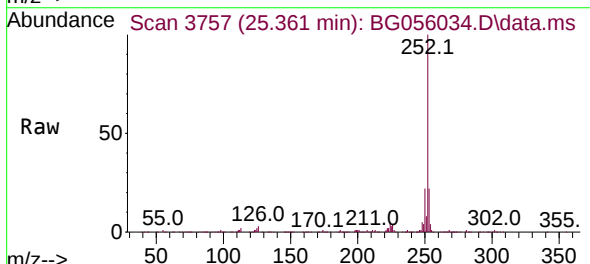
Manual Integrations
APPROVED

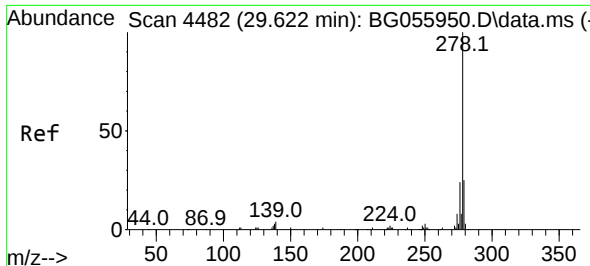
Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022



#90
Benzo(a)pyrene
Concen: 85.985 ng
RT: 25.361 min Scan# 3757
Delta R.T. 0.028 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

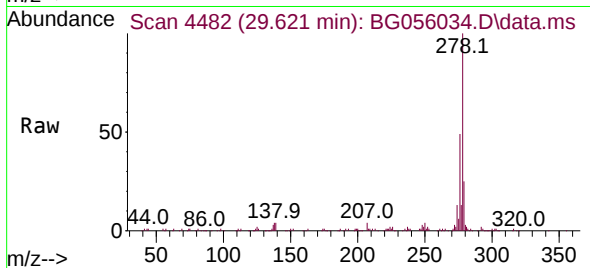
Tgt Ion:252 Resp: 469441
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 2.5 1.9 2.9





#91
Dibenzo(a,h)anthracene
Concen: 38.653 ng
RT: 29.621 min Scan# 4482
Delta R.T. 0.028 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47

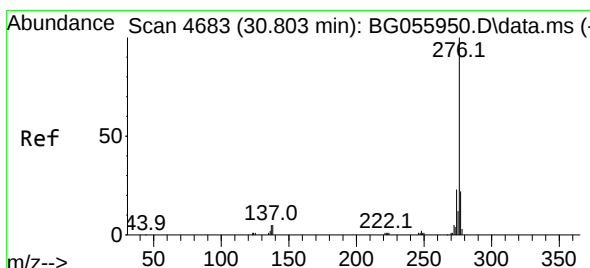
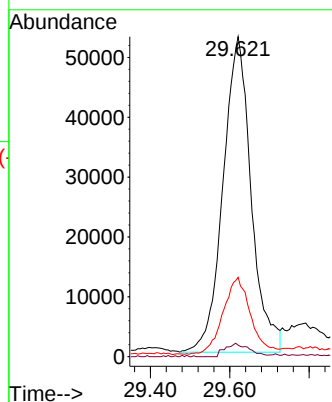
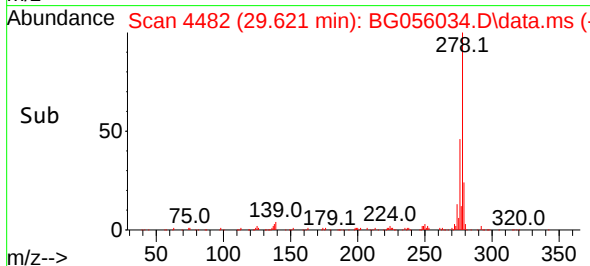
Instrument :
BNA_G
ClientSampleId :
72-11977MS



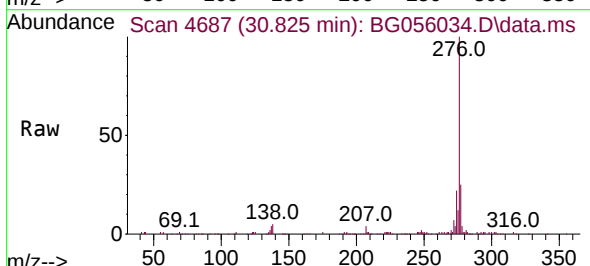
Tgt Ion: 278 Resp: 259634
Ion Ratio Lower Upper
278 100
139 3.6 2.9 4.3
279 24.8 20.0 30.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 12/21/2022
Supervised By : Jagrut Upadhyay 12/21/2022



#92
Benzo(g,h,i)perylene
Concen: 50.385 ng
RT: 30.825 min Scan# 4687
Delta R.T. 0.034 min
Lab File: BG056034.D
Acq: 20 Dec 2022 17:47



Tgt Ion: 276 Resp: 327219
Ion Ratio Lower Upper
276 100
277 24.8 17.8 26.6
138 4.8 3.8 5.6

