

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055287.D
 Acq On : 25 Oct 2022 22:48
 Operator : CG/JU
 Sample : N5207-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-221MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : Jagrut Upadhyay 11/02/2022

Quant Time: Oct 26 14:47:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	46547	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	212491	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	141164	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	293784	20.000	ng	0.00
76) Chrysene-d12	21.901	240	258169	20.000	ng	0.00
86) Perylene-d12	25.297	264	278718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	355051	133.561	ng	0.00
7) Phenol-d6	7.418	99	491780	127.691	ng	0.00
23) Nitrobenzene-d5	9.451	82	304617	73.202	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	187995	122.506	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	611198	70.867	ng	0.00
79) Terphenyl-d14	20.191	244	824072	66.319	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.605	88	44728	34.847	ng	97
3) Pyridine	4.022	79	125254	32.404	ng	98
4) n-Nitrosodimethylamine	3.934	42	66883	38.946	ng	95
6) Aniline	7.588	93	116963	23.199	ng	99
8) 2-Chlorophenol	7.835	128	150661	48.748	ng	100
9) Benzaldehyde	7.394	77	77756	29.570	ng	98
10) Phenol	7.447	94	204348	47.369	ng	99
11) bis(2-Chloroethyl)ether	7.676	93	139713	42.903	ng	99
12) 1,3-Dichlorobenzene	8.164	146	152519	45.229	ng	98
13) 1,4-Dichlorobenzene	8.311	146	153690	44.621	ng	99
14) 1,2-Dichlorobenzene	8.634	146	153392	46.255	ng	98
15) Benzyl Alcohol	8.505	79	142711m	44.280	ng	
16) 2,2'-oxybis(1-Chloropr...	8.799	45	222013	41.659	ng	97
17) 2-Methylphenol	8.710	107	139722	45.797	ng	99
18) Hexachloroethane	9.368	117	57032	46.501	ng	99
19) n-Nitroso-di-n-propyla...	9.081	70	123672	38.669	ng	98
20) 3+4-Methylphenols	9.039	107	192150	43.974	ng	99
22) Acetophenone	9.104	105	228702	42.099	ng	# 98
24) Nitrobenzene	9.492	77	180039	41.551	ng	98
25) Isophorone	10.015	82	338976	40.329	ng	98
26) 2-Nitrophenol	10.209	139	86938	45.818	ng	99
27) 2,4-Dimethylphenol	10.256	122	150720m	50.880	ng	
28) bis(2-Chloroethoxy)met...	10.491	93	196339	46.265	ng	98
29) 2,4-Dichlorophenol	10.743	162	153102	48.178	ng	98
30) 1,2,4-Trichlorobenzene	10.961	180	145202	44.770	ng	97
31) Naphthalene	11.155	128	479498	42.300	ng	99
32) Benzoic acid	10.408	122	111877	49.821	ng	99
33) 4-Chloroaniline	11.254	127	77549	16.002	ng	98
34) Hexachlorobutadiene	11.431	225	84169	45.420	ng	99
35) Caprolactam	12.030	113	54426m	36.902	ng	
36) 4-Chloro-3-methylphenol	12.359	107	181149	45.302	ng	99
37) 2-Methylnaphthalene	12.735	142	345918	42.325	ng	100
38) 1-Methylnaphthalene	12.952	142	334093	41.435	ng	99
40) 1,2,4,5-Tetrachloroben...	13.099	216	167013	49.053	ng	99
41) Hexachlorocyclopentadiene	13.076	237	131442	80.775	ng	95
43) 2,4,6-Trichlorophenol	13.328	196	121206	48.200	ng	99

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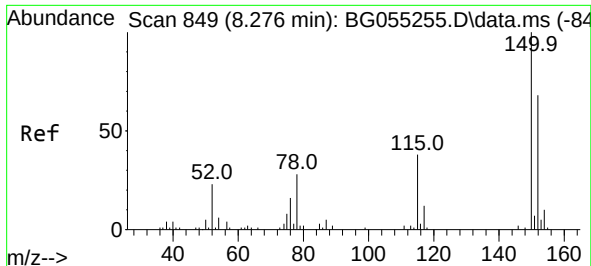
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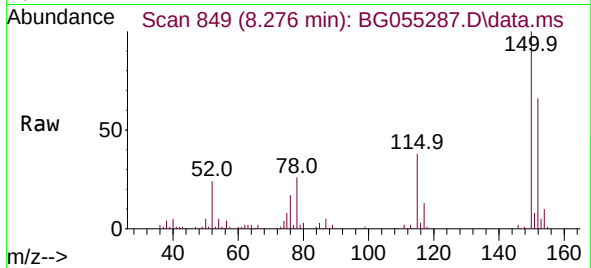
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.411	196	132220	47.537	ng	98
46) 1,1'-Biphenyl	13.728	154	457043	47.206	ng	99
47) 2-Chloronaphthalene	13.775	162	348733	45.677	ng	99
48) 2-Nitroaniline	13.969	65	127165	42.590	ng	99
49) Acenaphthylene	14.615	152	573444	43.510	ng	99
50) Dimethylphthalate	14.333	163	434163	39.172	ng	99
51) 2,6-Dinitrotoluene	14.457	165	95899	42.521	ng	95
52) Acenaphthene	14.950	154	394031m	46.903	ng	
53) 3-Nitroaniline	14.786	138	82310	29.037	ng	97
54) 2,4-Dinitrophenol	14.991	184	89047	68.068	ng	98
55) Dibenzofuran	15.285	168	544967	43.239	ng	98
56) 4-Nitrophenol	15.091	139	181089	89.319	ng	97
57) 2,4-Dinitrotoluene	15.238	165	138401	42.287	ng	93
58) Fluorene	15.925	166	440020	41.958	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.502	232	109954	44.343	ng	98
60) Diethylphthalate	15.679	149	459154	38.945	ng	98
61) 4-Chlorophenyl-phenyle...	15.908	204	214457	44.500	ng	99
62) 4-Nitroaniline	15.943	138	100660	33.792	ng	99
63) Azobenzene	16.202	77	478284	41.642	ng	98
65) 4,6-Dinitro-2-methylph...	15.996	198	60930	37.727	ng	97
66) n-Nitrosodiphenylamine	16.125	169	387879	47.435	ng	100
67) 4-Bromophenyl-phenylether	16.801	248	138760	48.615	ng	98
68) Hexachlorobenzene	16.924	284	152396	47.222	ng	99
69) Atrazine	17.059	200	139912	50.318	ng	99
70) Pentachlorophenol	17.271	266	170913	93.308	ng	97
71) Phenanthrene	17.665	178	763635	48.739	ng	98
72) Anthracene	17.753	178	702100	45.839	ng	100
73) Carbazole	18.017	167	662670	44.981	ng	100
74) Di-n-butylphthalate	18.546	149	799868	43.434	ng	100
75) Fluoranthene	19.651	202	949893	52.030	ng	99
77) Benzidine	19.821	184	170883	27.337	ng	100
78) Pyrene	20.015	202	920298	52.006	ng	98
80) Butylbenzylphthalate	20.867	149	350592	41.926	ng	98
81) Benzo(a)anthracene	21.877	228	807410	46.573	ng	99
82) 3,3'-Dichlorobenzidine	21.777	252	194690	34.481	ng	99
83) Chrysene	21.948	228	760775	46.198	ng	99
84) Bis(2-ethylhexyl)phtha...	21.748	149	510303	42.719	ng	98
85) Di-n-octyl phthalate	23.011	149	848851	42.654	ng	100
87) Indeno(1,2,3-cd)pyrene	29.216	276	950045	46.151	ng	# 92
88) Benzo(b)fluoranthene	24.216	252	900111	53.688	ng	98
89) Benzo(k)fluoranthene	24.286	252	776450	45.865	ng	99
90) Benzo(a)pyrene	25.138	252	756911	52.647	ng	100
91) Dibenzo(a,h)anthracene	29.280	278	759418	44.953	ng	99
92) Benzo(g,h,i)perylene	30.450	276	794209	47.398	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.276 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: BG055287.D
 Acq: 25 Oct 2022 22:48

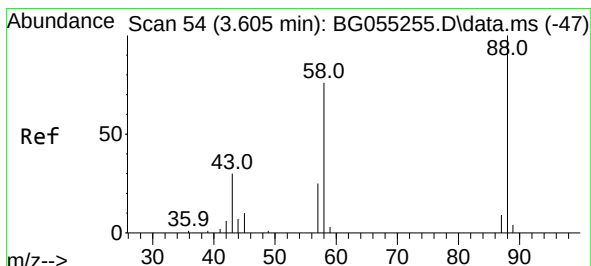
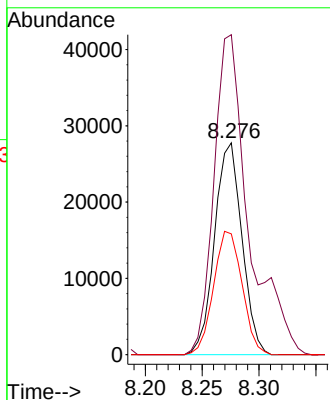
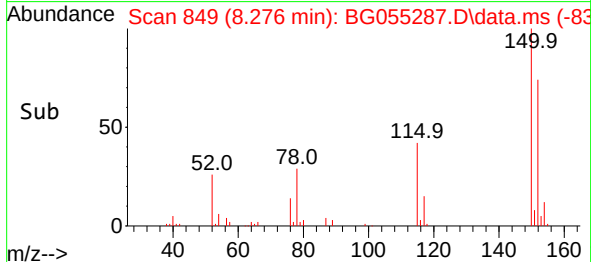
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-221MSD



Tgt Ion: 152 Resp: 46547
 Ion Ratio Lower Upper
 152 100
 150 151.1 118.2 177.4
 115 57.0 44.5 66.7

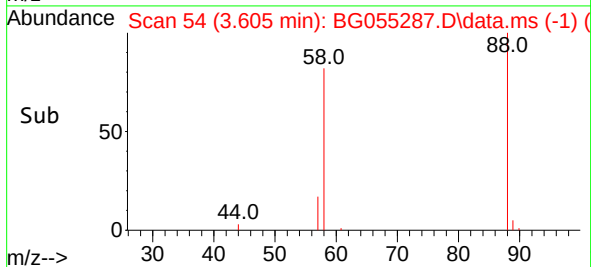
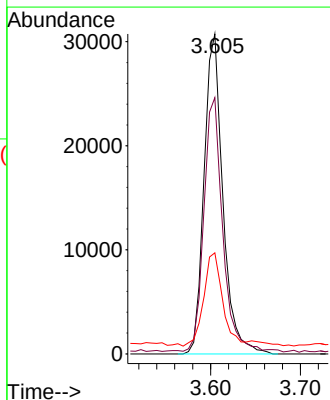
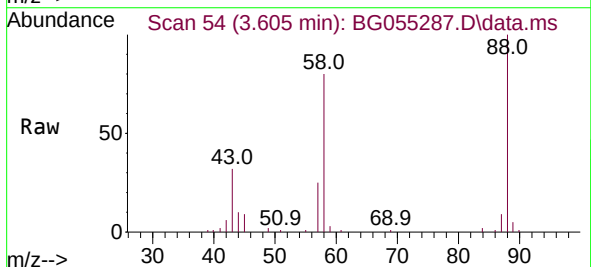
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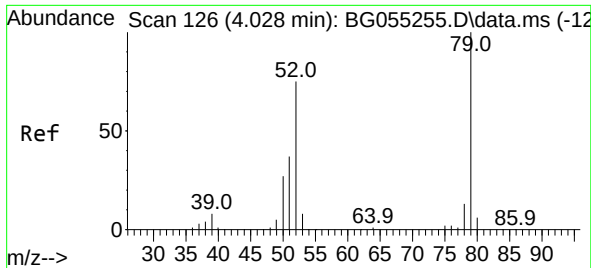
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022



#2
 1,4-Dioxane
 Concen: 34.847 ng
 RT: 3.605 min Scan# 54
 Delta R.T. -0.001 min
 Lab File: BG055287.D
 Acq: 25 Oct 2022 22:48

Tgt Ion: 88 Resp: 44728
 Ion Ratio Lower Upper
 88 100
 58 79.0 61.0 91.6
 43 28.2 21.5 32.3





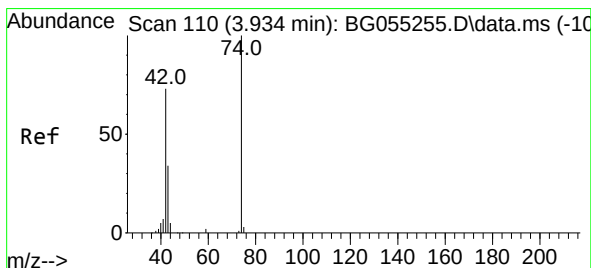
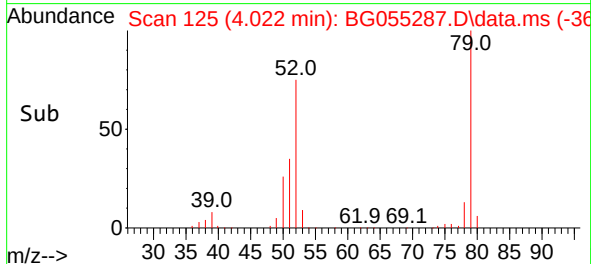
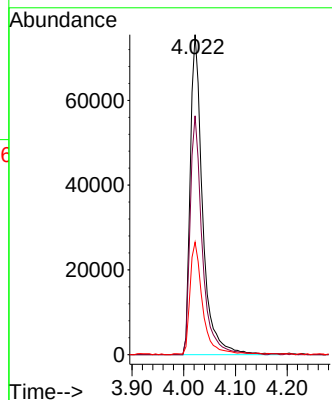
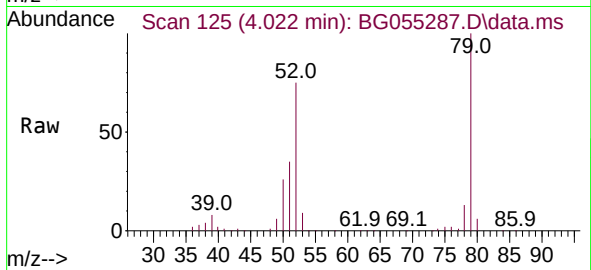
#3
Pyridine
Concen: 32.404 ng
RT: 4.022 min Scan# 110
Delta R.T. -0.007 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD

Tgt Ion: 79 Resp: 125254
Ion Ratio Lower Upper
79 100
52 74.6 59.9 89.9
51 35.1 30.3 45.5

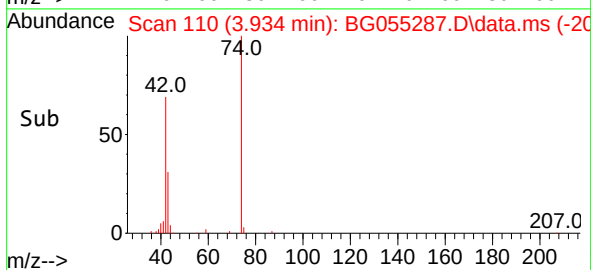
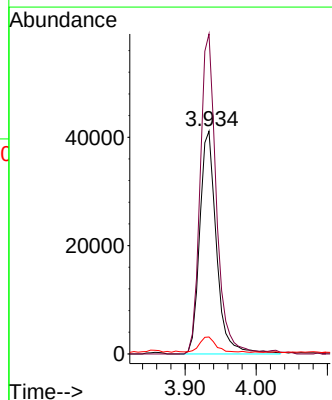
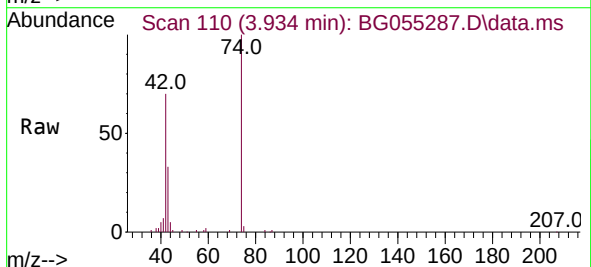
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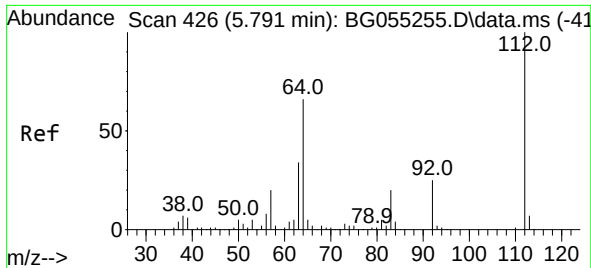
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#4
n-Nitrosodimethylamine
Concen: 38.946 ng
RT: 3.934 min Scan# 110
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Tgt Ion: 42 Resp: 66883
Ion Ratio Lower Upper
42 100
74 143.7 109.8 164.6
44 7.6 6.5 9.7





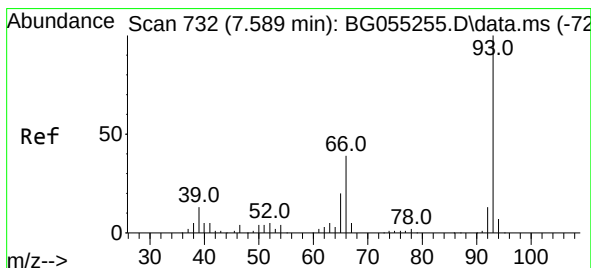
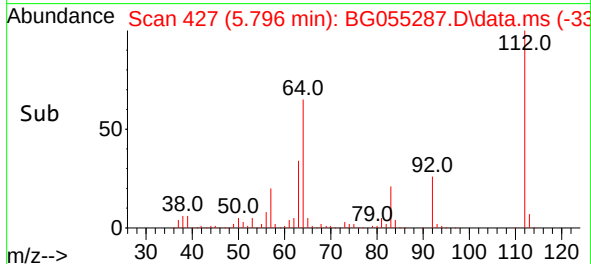
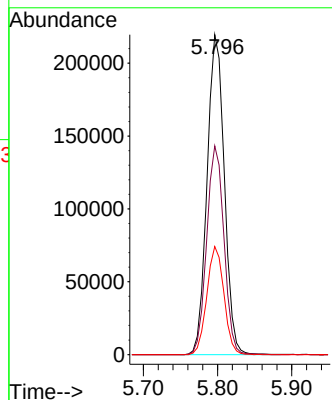
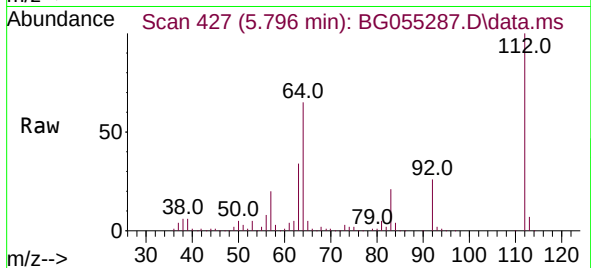
#5
2-Fluorophenol
Concen: 133.561 ng
RT: 5.796 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD

Tgt Ion:112 Resp: 35505
Ion Ratio Lower Upper
112 100
64 65.2 52.6 78.8
63 33.8 27.1 40.7

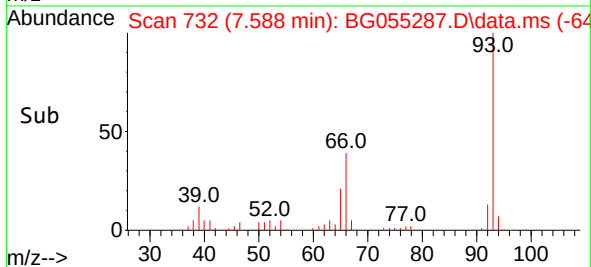
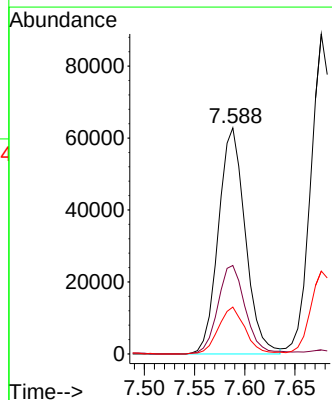
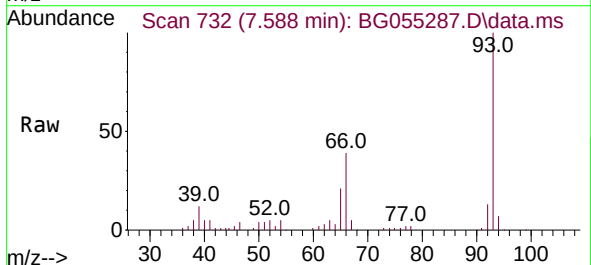
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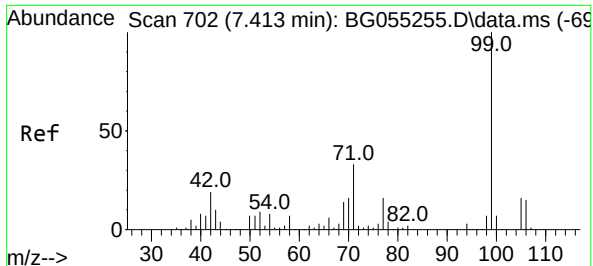
Reviewed By :Christian Giraldo 11/02/2022
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#6
Aniline
Concen: 23.199 ng
RT: 7.588 min Scan# 732
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

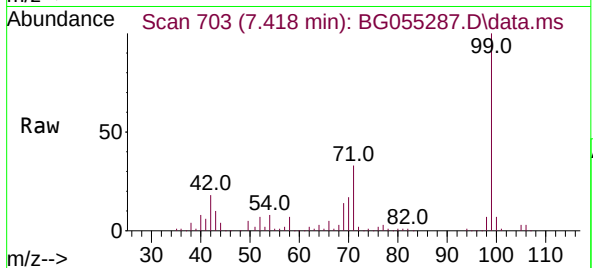
Tgt Ion: 93 Resp: 116963
Ion Ratio Lower Upper
93 100
66 39.1 31.6 47.4
65 20.7 16.0 24.0





#7
Phenol-d6
Concen: 127.691 ng
RT: 7.418 min Scan# 702
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

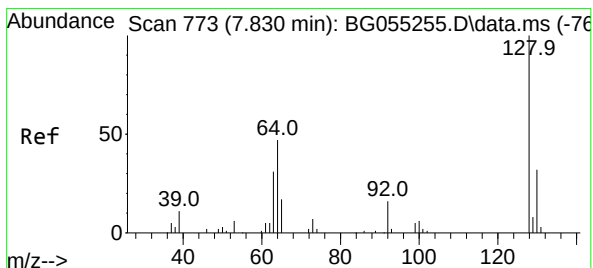
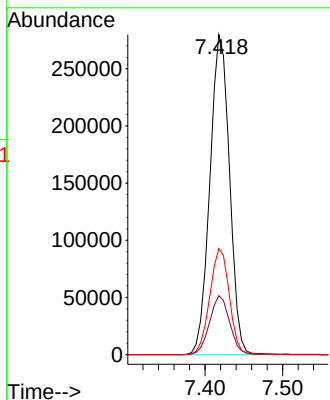
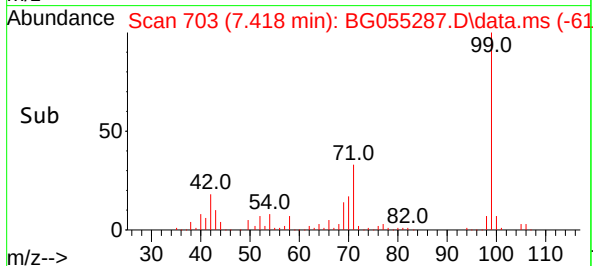
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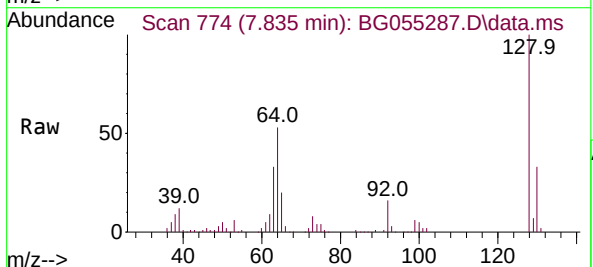
Tgt Ion: 99 Resp: 491780
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 33.1 26.2 39.4

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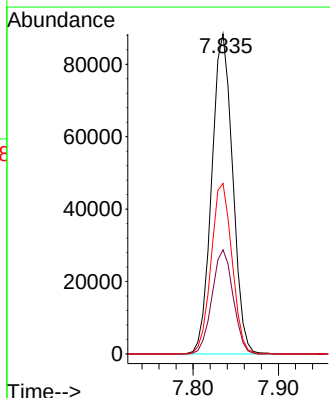
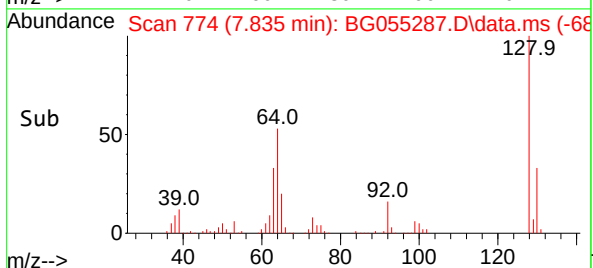
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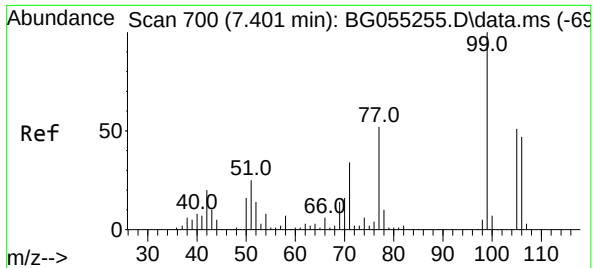


#8
2-Chlorophenol
Concen: 48.748 ng
RT: 7.835 min Scan# 774
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:128 Resp: 150661
Ion Ratio Lower Upper
128 100
130 32.5 12.4 52.4
64 53.3 33.2 73.2





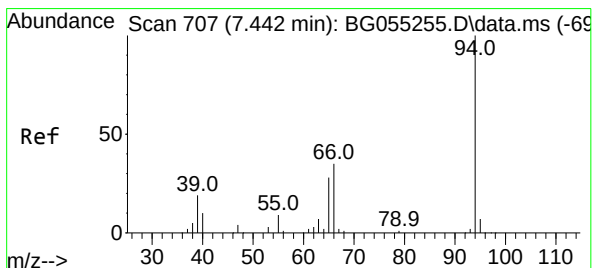
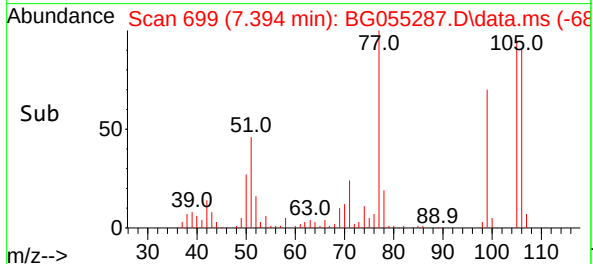
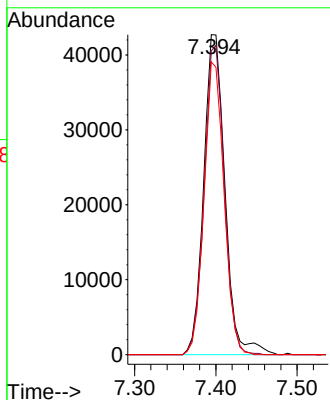
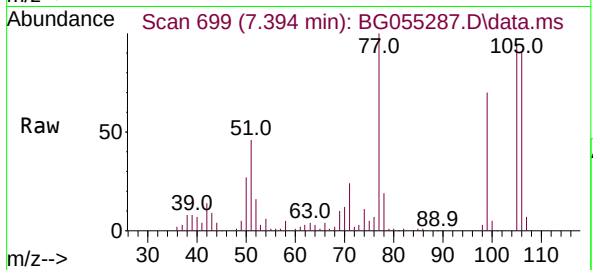
#9
Benzaldehyde
Concen: 29.570 ng
RT: 7.394 min Scan# 69
Delta R.T. -0.007 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD

Tgt Ion: 77 Resp: 77756
Ion Ratio Lower Upper
77 100
105 95.0 77.9 117.9
106 91.5 69.9 109.9

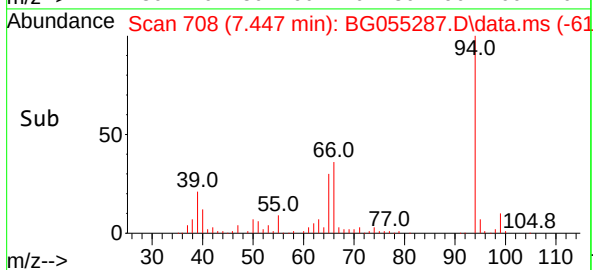
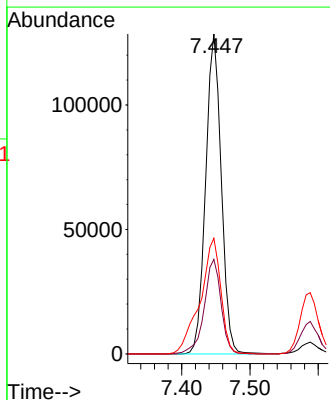
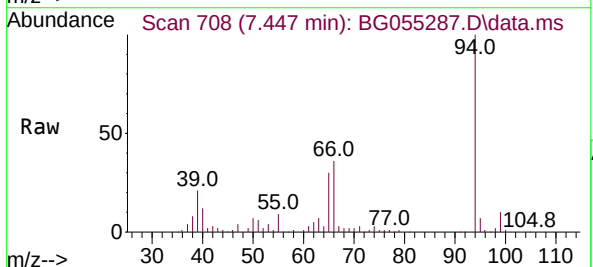
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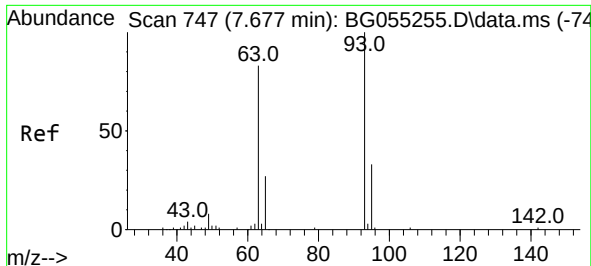
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#10
Phenol
Concen: 47.369 ng
RT: 7.447 min Scan# 708
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

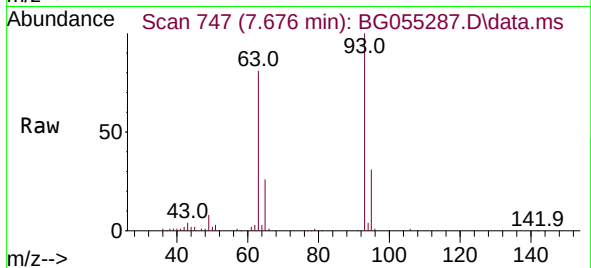
Tgt Ion: 94 Resp: 204348
Ion Ratio Lower Upper
94 100
65 29.5 8.4 48.4
66 36.1 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 42.903 ng
RT: 7.676 min Scan# 74
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

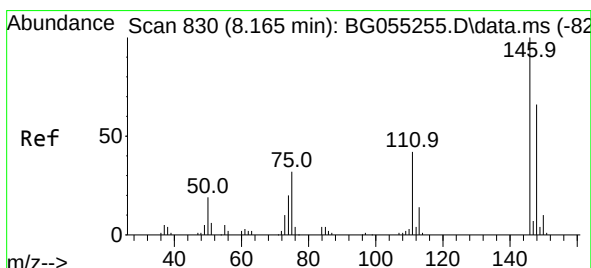
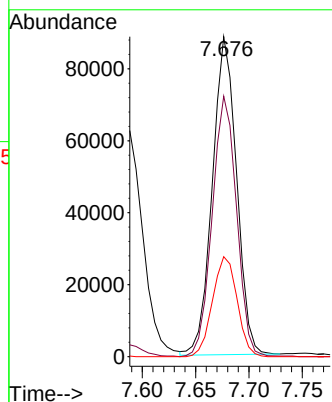
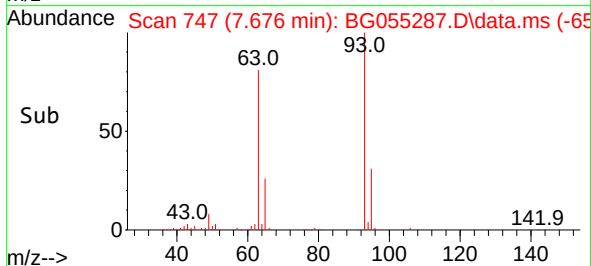
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



Tgt Ion: 93 Resp: 139713
Ion Ratio Lower Upper
93 100
63 81.4 62.0 102.0
95 31.2 12.4 52.4

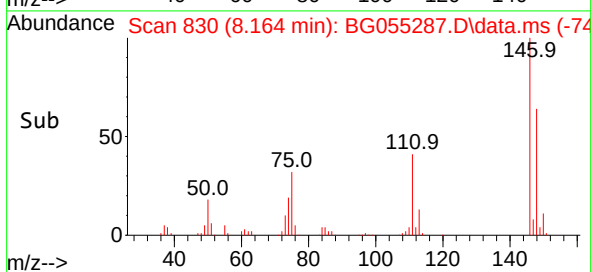
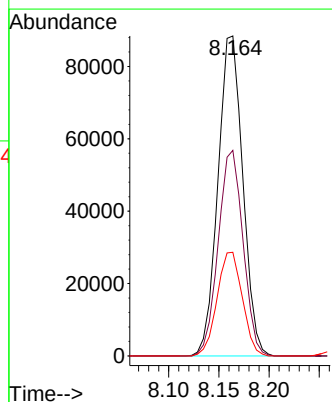
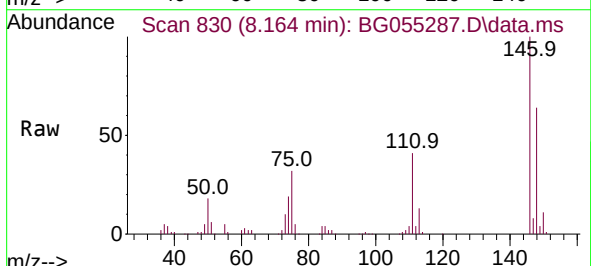
Manual Integrations
APPROVED

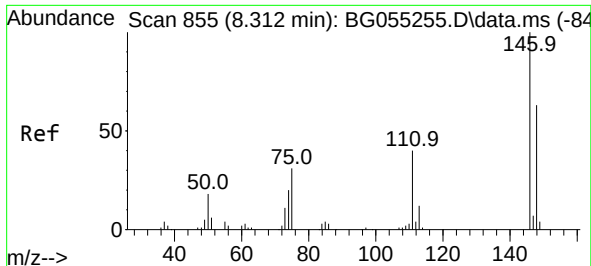
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#12
1,3-Dichlorobenzene
Concen: 45.229 ng
RT: 8.164 min Scan# 830
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Tgt Ion:146 Resp: 152519
Ion Ratio Lower Upper
146 100
148 64.3 52.9 79.3
75 32.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 44.621 ng

RT: 8.311 min Scan# 855

Delta R.T. -0.001 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

Tgt Ion:146 Resp: 153690

Ion Ratio Lower Upper

146 100

148 62.4 50.5 75.7

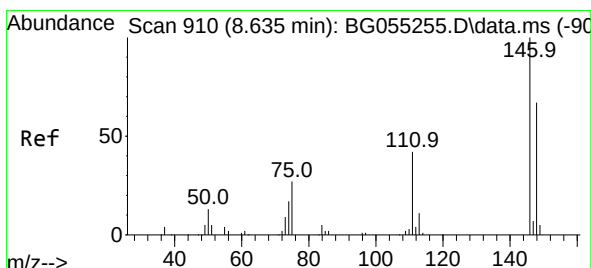
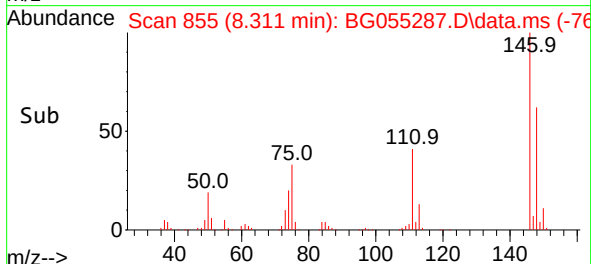
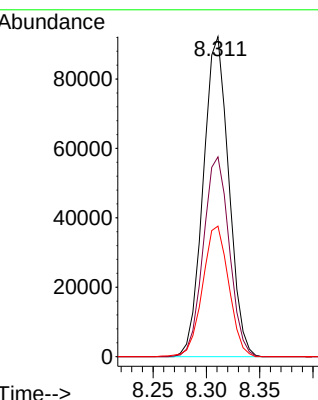
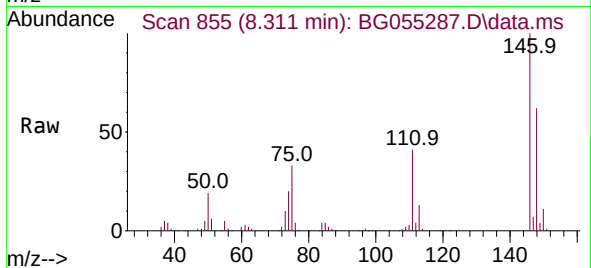
111 40.8 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#14

1,2-Dichlorobenzene

Concen: 46.255 ng

RT: 8.634 min Scan# 910

Delta R.T. -0.001 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

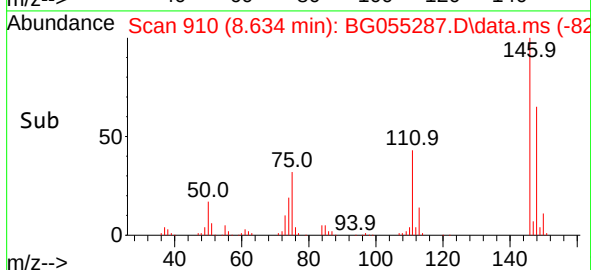
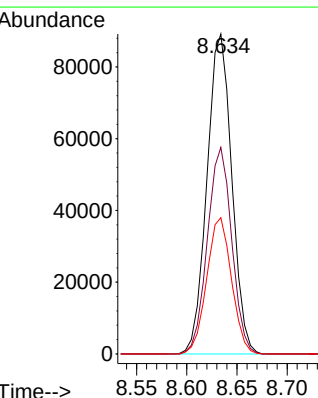
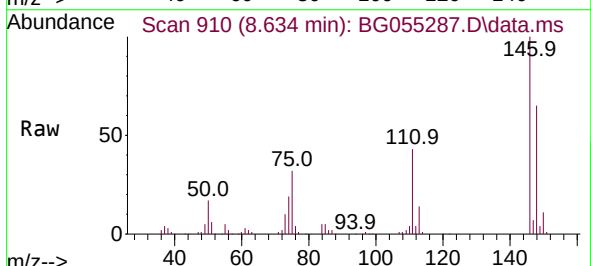
Tgt Ion:146 Resp: 153392

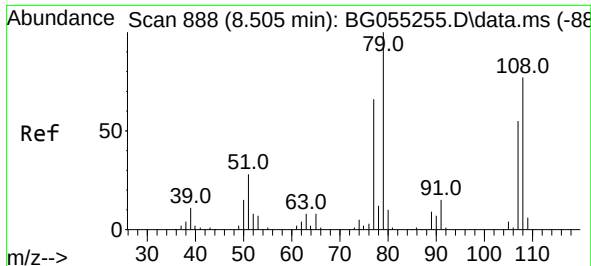
Ion Ratio Lower Upper

146 100

148 64.5 53.4 80.0

111 42.6 34.0 51.0





#15
Benzyl Alcohol
Concen: 44.280 ng m
RT: 8.505 min Scan# 888
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

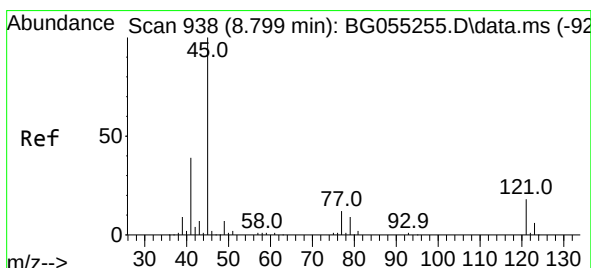
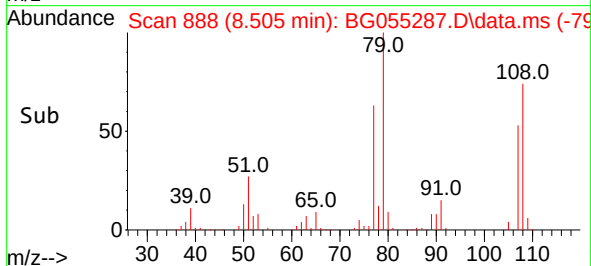
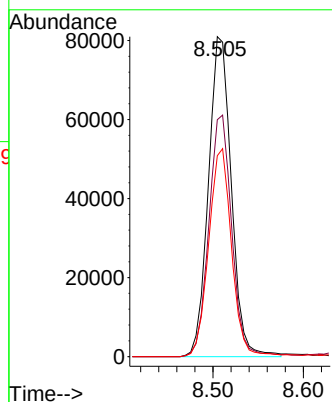
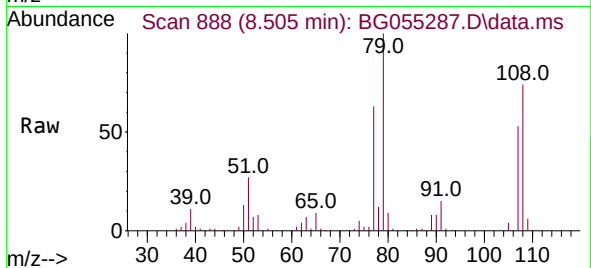
ClientSampleId :

VNJ-221MSD

Tgt Ion: 79 Resp: 142711
Ion Ratio Lower Upper
79 100
108 74.0 61.3 91.9
77 62.8 52.7 79.1

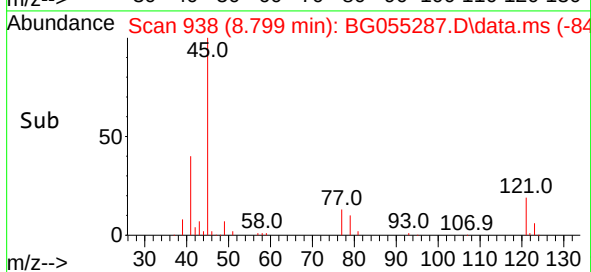
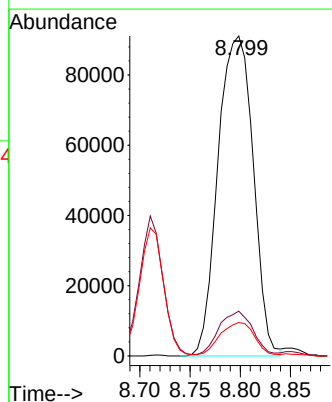
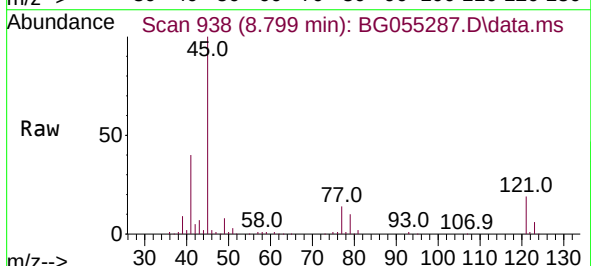
Manual Integrations
APPROVED

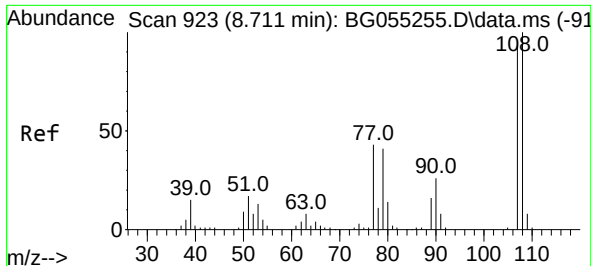
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.659 ng
RT: 8.799 min Scan# 938
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Tgt Ion: 45 Resp: 222013
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.9
79 10.4 0.0 29.6





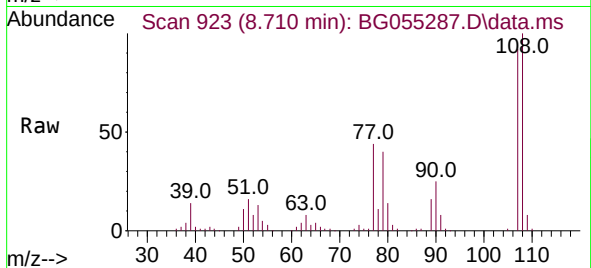
#17
2-Methylphenol
Concen: 45.797 ng
RT: 8.710 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

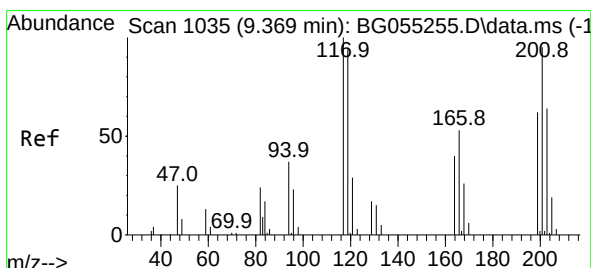
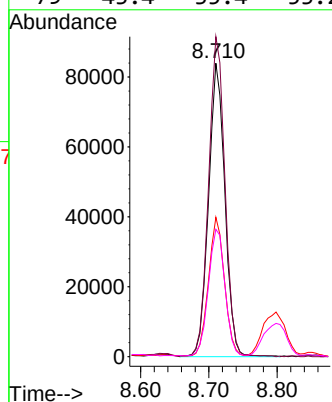
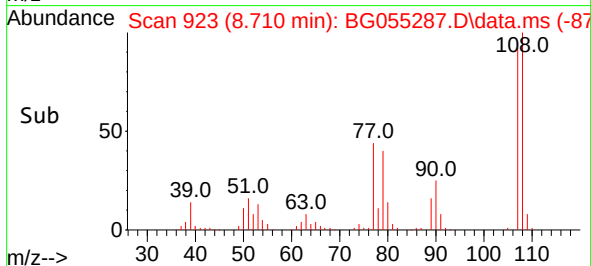


Tgt Ion:107 Resp: 139722
Ion Ratio Lower Upper
107 100
108 109.1 86.0 129.0
77 47.5 37.4 56.0
79 43.4 35.4 53.2

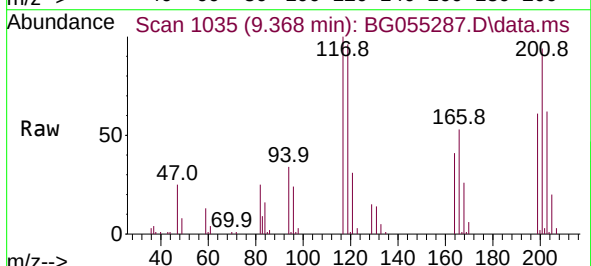
Manual Integrations

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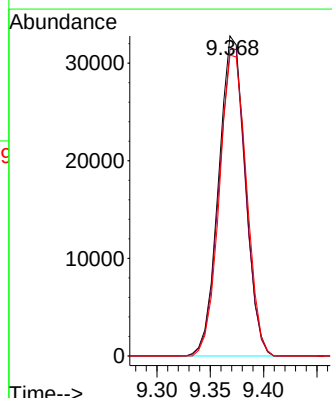
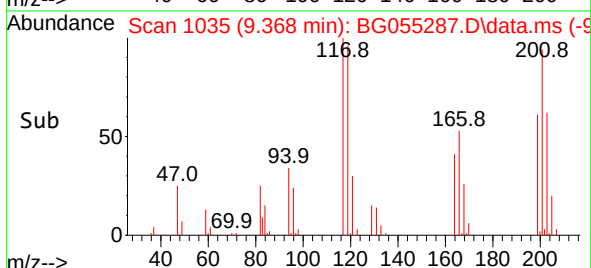
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

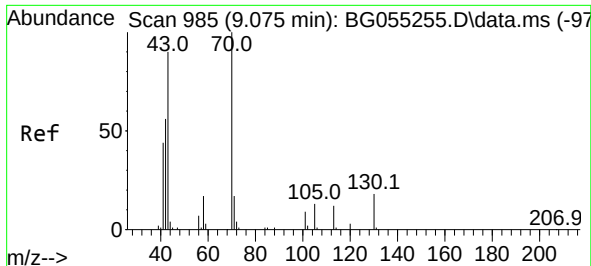


#18
Hexachloroethane
Concen: 46.501 ng
RT: 9.368 min Scan# 1035
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:117 Resp: 57032
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.2
201 94.0 75.8 113.8





#19

n-Nitroso-di-n-propylamine

Concen: 38.669 ng

RT: 9.081 min Scan# 985

Delta R.T. 0.005 min

Lab File: BG055287.D

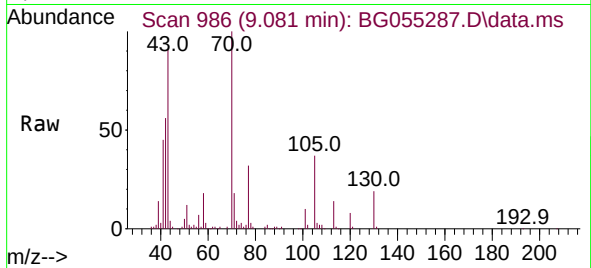
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD



Tgt Ion: 70 Resp: 123672

Ion Ratio Lower Upper

70 100

42 55.9 45.8 68.6

101 9.5 7.4 11.0

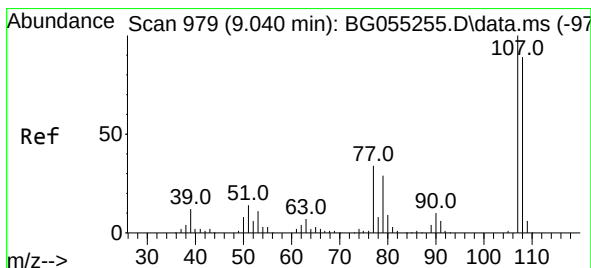
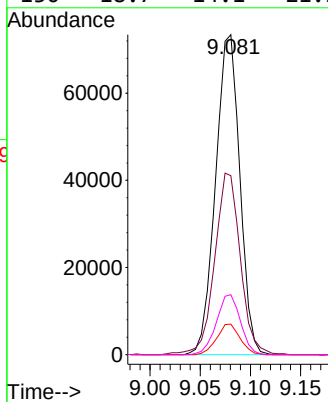
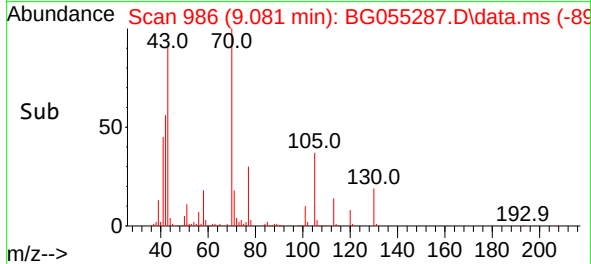
130 18.7 14.1 21.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#20

3+4-Methylphenols

Concen: 43.974 ng

RT: 9.039 min Scan# 979

Delta R.T. -0.001 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

Tgt Ion:107 Resp: 192150

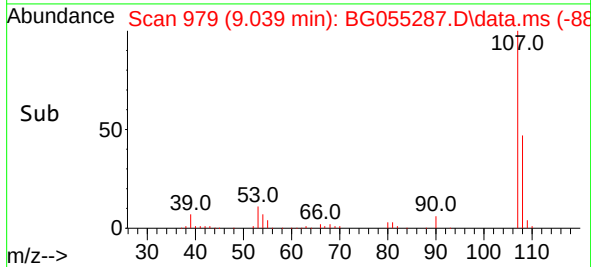
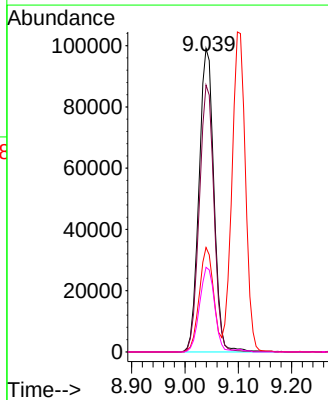
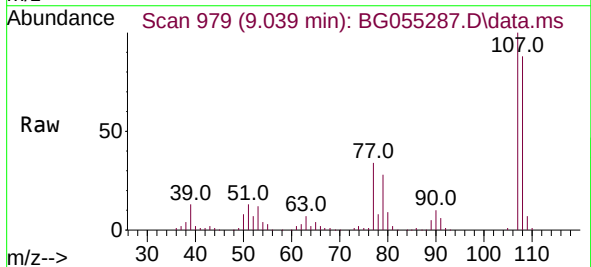
Ion Ratio Lower Upper

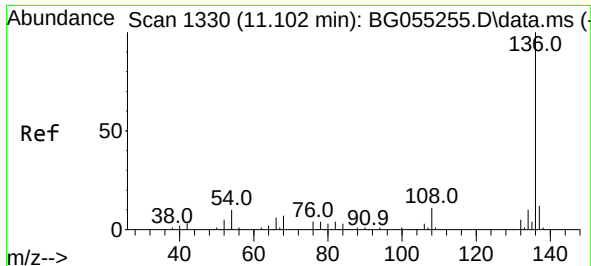
107 100

108 87.9 68.5 108.5

77 34.4 14.0 54.0

79 27.9 8.9 48.9





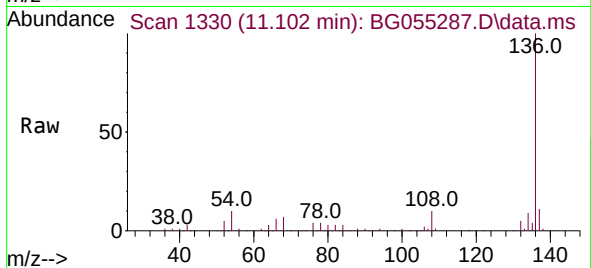
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

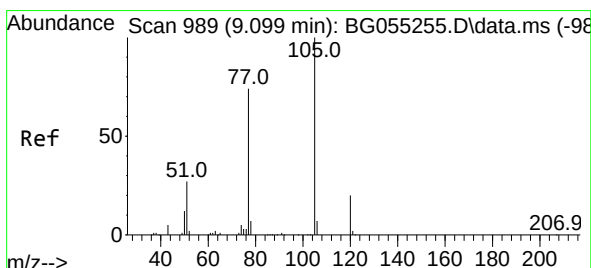
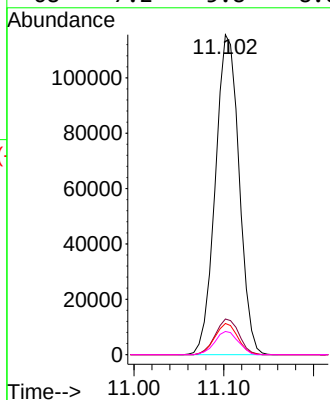
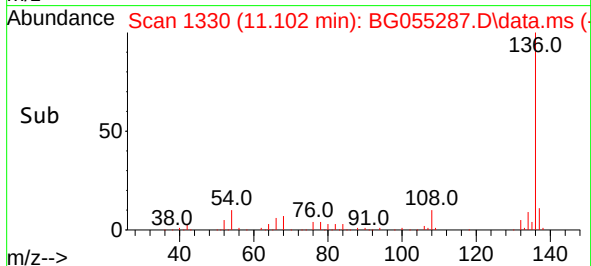


Tgt Ion:136 Resp: 212491
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.7 7.8 11.8
68 7.2 5.8 8.6

Manual Integrations

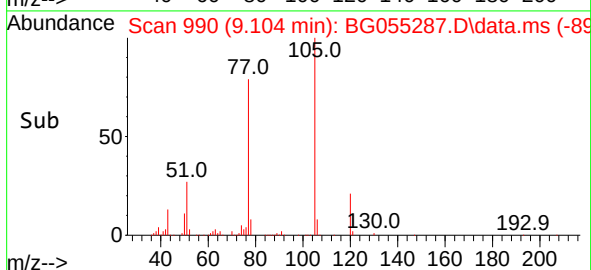
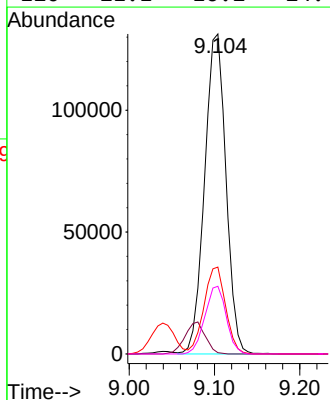
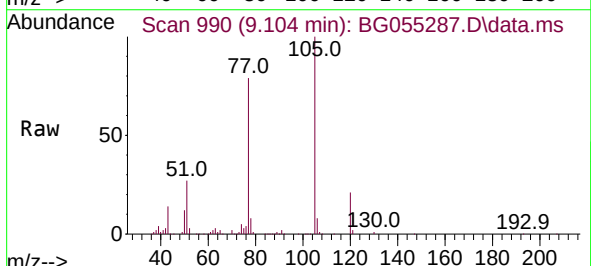
APPROVED

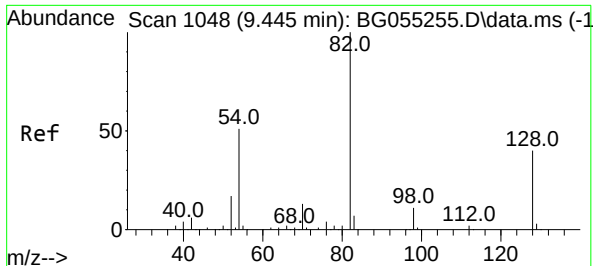
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#22
Acetophenone
Concen: 42.099 ng
RT: 9.104 min Scan# 990
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Tgt Ion:105 Resp: 228702
Ion Ratio Lower Upper
105 100
71 0.4 0.8 1.2#
51 27.1 22.9 34.3
120 21.1 16.2 24.4





#23

Nitrobenzene-d5

Concen: 73.202 ng

RT: 9.451 min Scan# 1049

Delta R.T. 0.005 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

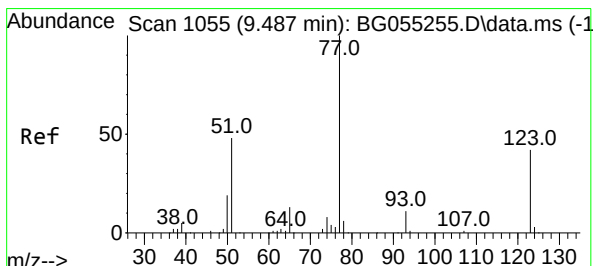
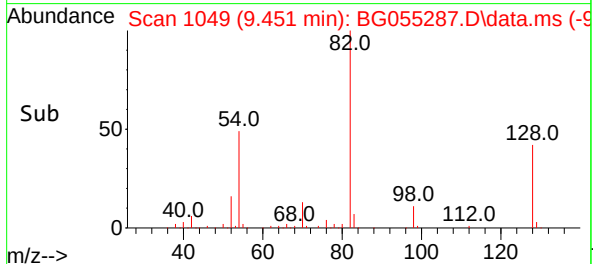
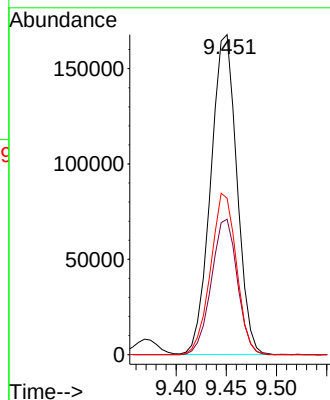
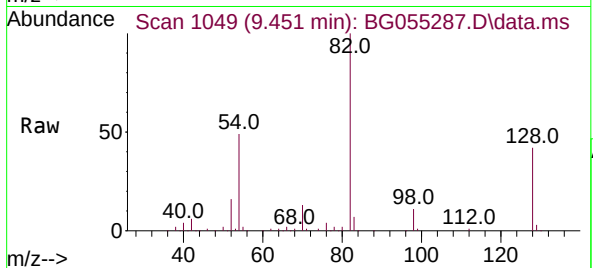
VNJ-221MSD

Tgt Ion:	82	Resp:	30461
Ion Ratio	Lower	Upper	
82	100		
128	42.3	32.0	48.0
54	48.9	40.9	61.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#24

Nitrobenzene

Concen: 41.551 ng

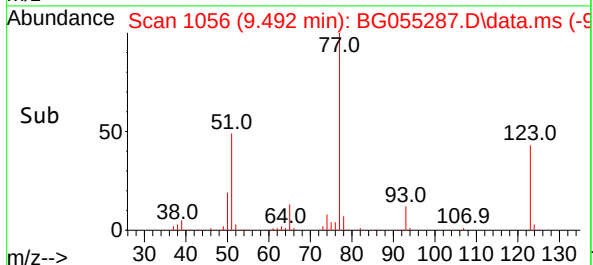
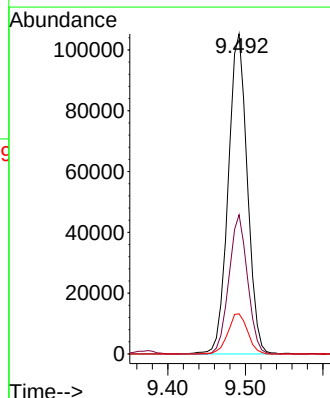
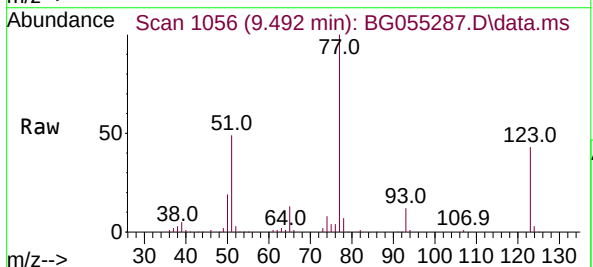
RT: 9.492 min Scan# 1056

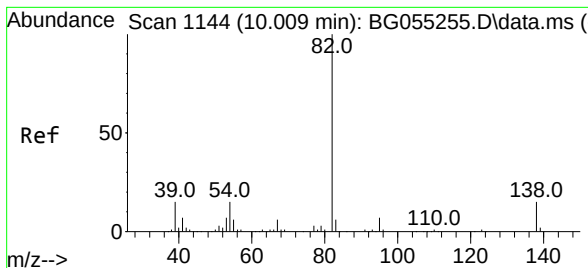
Delta R.T. 0.005 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

Tgt Ion:	77	Resp:	180039
Ion Ratio	Lower	Upper	
77	100		
123	43.5	33.6	50.4
65	12.5	10.2	15.4





#25

Isophorone

Concen: 40.329 ng

RT: 10.015 min Scan# 1145

Delta R.T. 0.005 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

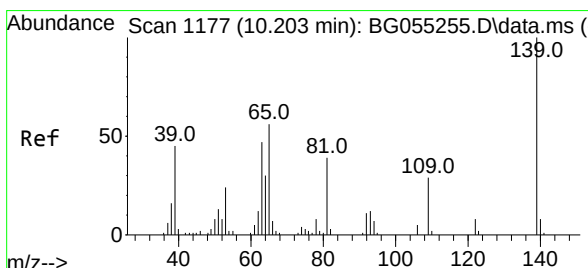
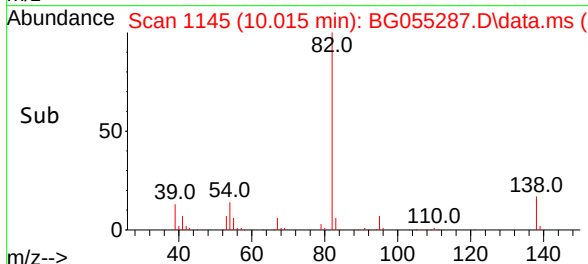
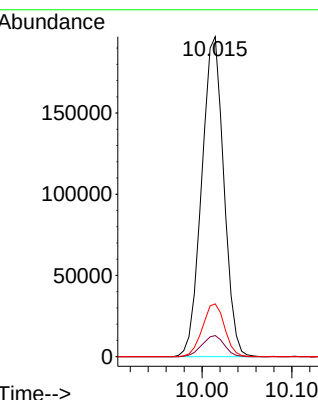
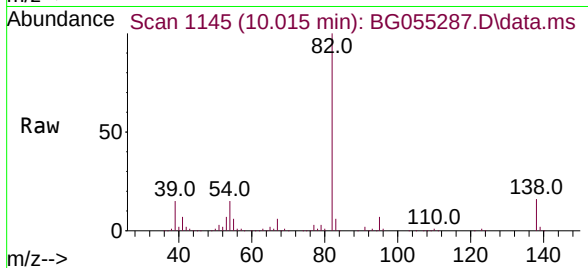
Tgt Ion: 82	Resp: 338976
Ion Ratio	Lower Upper
82 100	
95 6.6	5.2 7.8
138 16.5	12.2 18.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#26

2-Nitrophenol

Concen: 45.818 ng

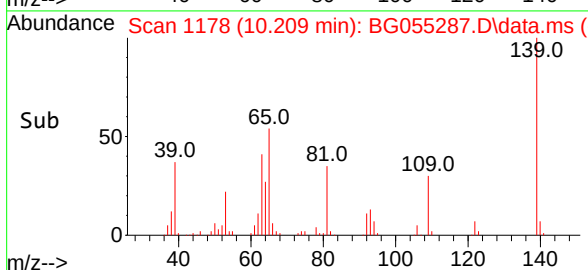
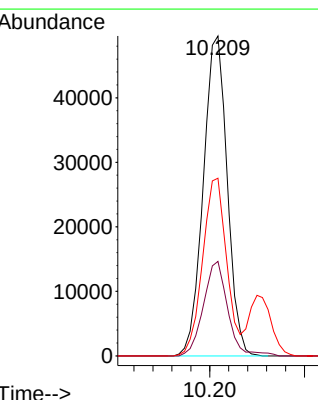
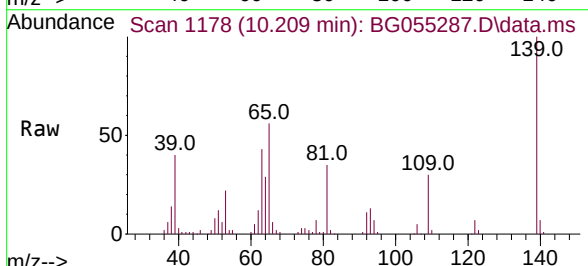
RT: 10.209 min Scan# 1178

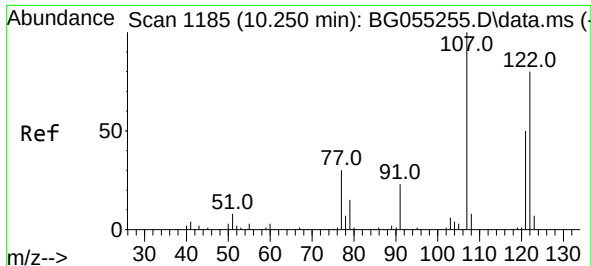
Delta R.T. 0.005 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

Tgt Ion:139	Resp: 86938
Ion Ratio	Lower Upper
139 100	
109 29.5	23.3 34.9
65 55.5	45.2 67.8





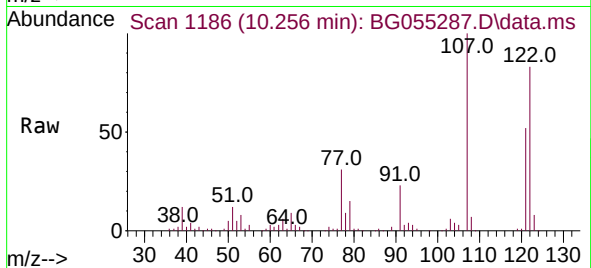
#27
2,4-Dimethylphenol
Concen: 50.880 ng m
RT: 10.256 min Scan# 1185
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

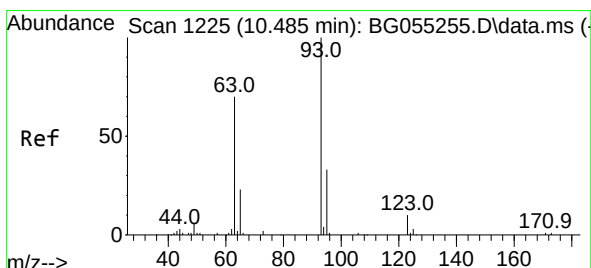
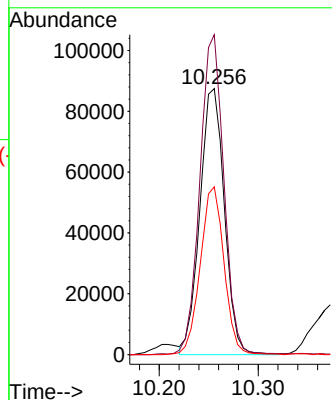
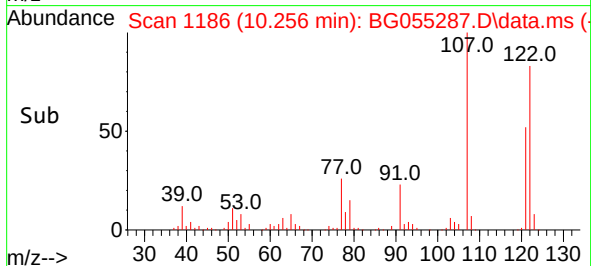


Tgt Ion:122 Resp: 150720
Ion Ratio Lower Upper
122 100
107 120.3 97.3 145.9
121 63.0 48.5 72.7

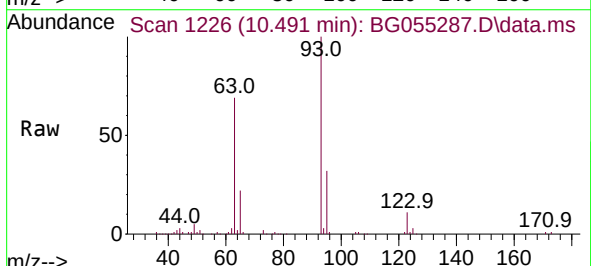
Manual Integrations

APPROVED

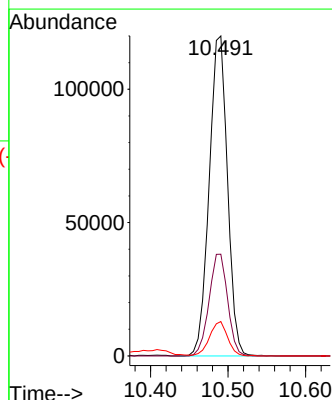
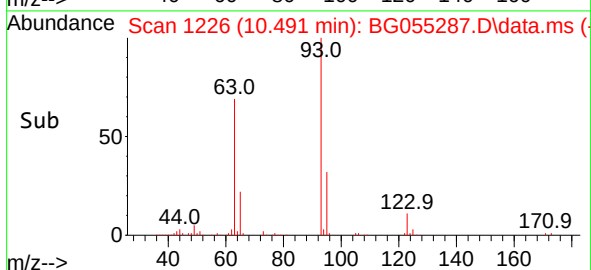
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

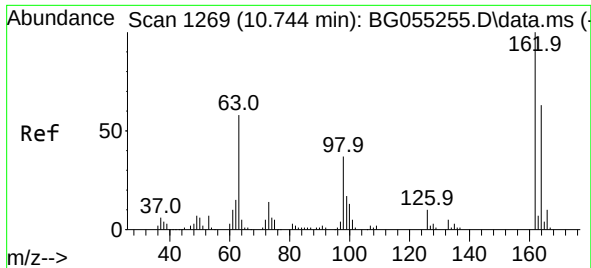


#28
bis(2-Chloroethoxy)methane
Concen: 46.265 ng
RT: 10.491 min Scan# 1226
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



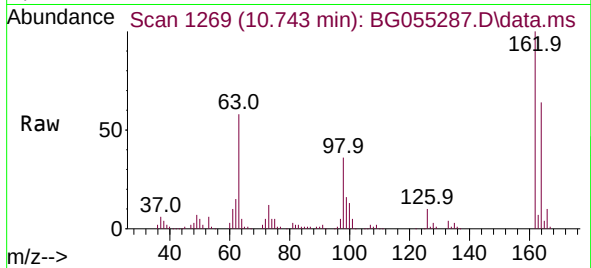
Tgt Ion: 93 Resp: 196339
Ion Ratio Lower Upper
93 100
95 31.8 26.3 39.5
123 10.7 7.9 11.9





#29
2,4-Dichlorophenol
Concen: 48.178 ng
RT: 10.743 min Scan# 1269
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

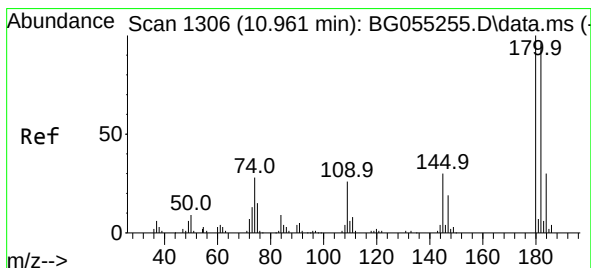
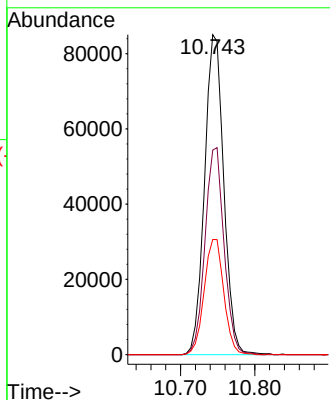
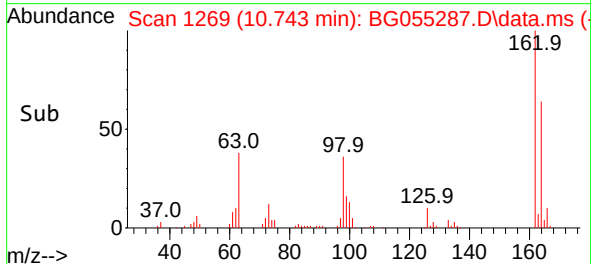
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



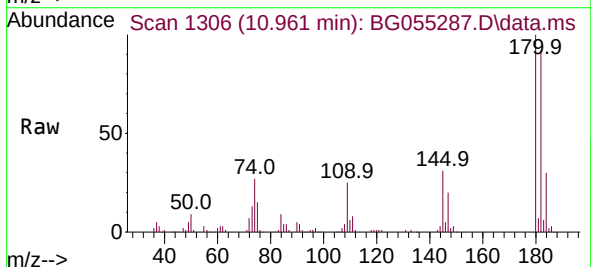
Tgt Ion:162 Resp: 153102
Ion Ratio Lower Upper
162 100
164 63.9 42.9 82.9
98 36.0 17.3 57.3

Manual Integrations
APPROVED

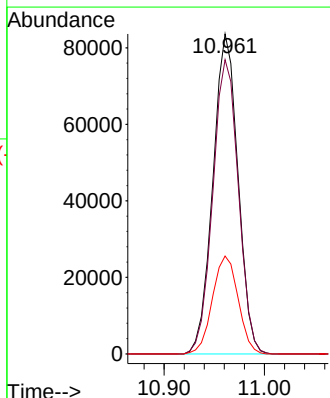
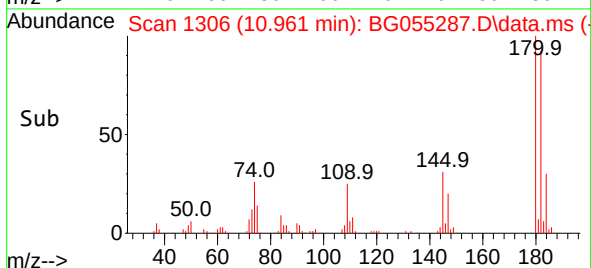
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

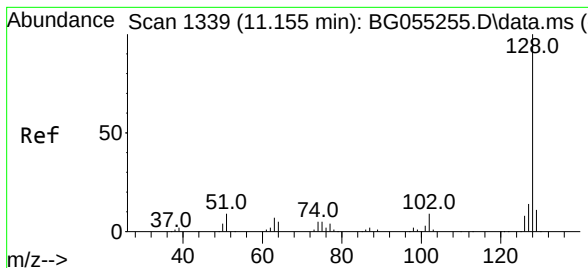


#30
1,2,4-Trichlorobenzene
Concen: 44.770 ng
RT: 10.961 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:180 Resp: 145202
Ion Ratio Lower Upper
180 100
182 91.9 76.4 114.6
145 30.6 24.4 36.6





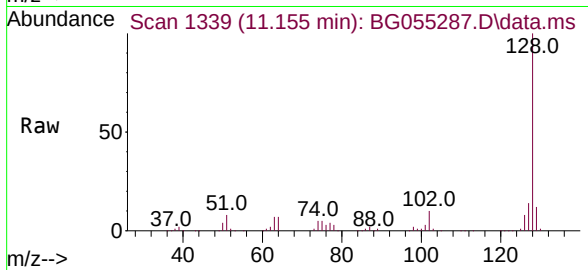
#31
Naphthalene
Concen: 42.300 ng
RT: 11.155 min Scan# 1339
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

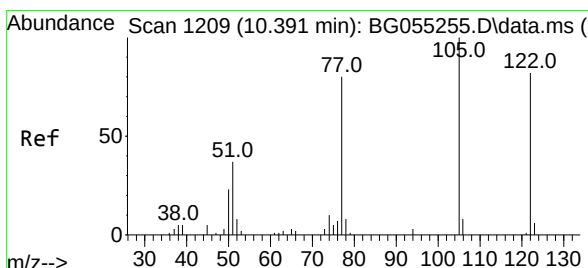
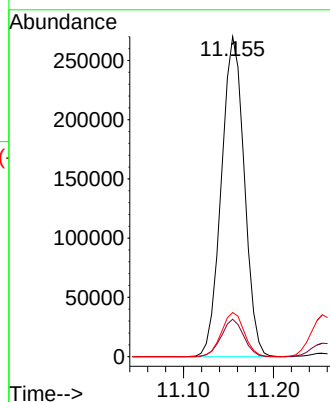
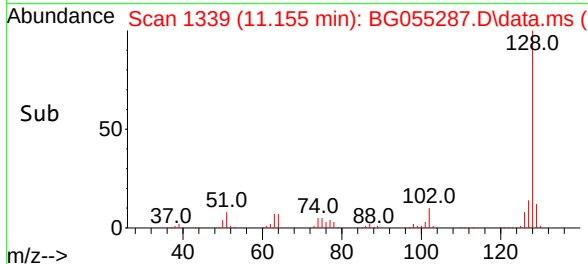


Tgt Ion:128 Resp: 479498
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.8 11.1 16.7

Manual Integrations

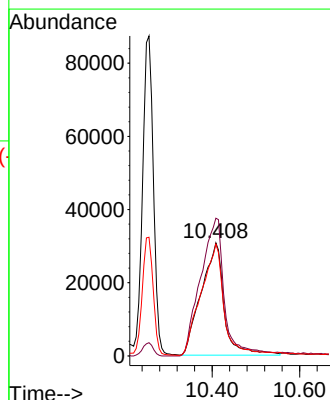
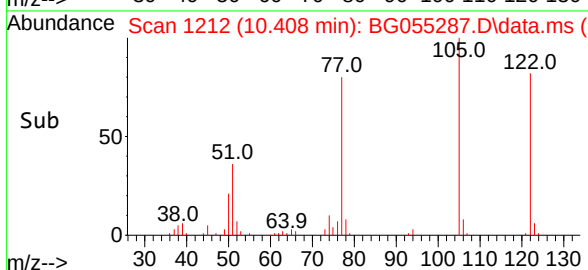
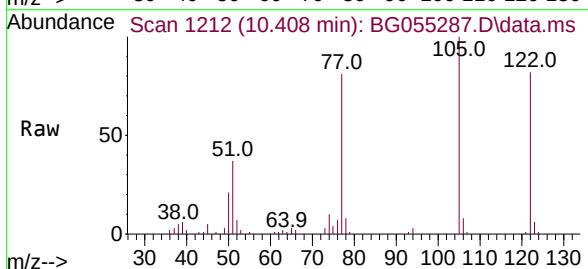
APPROVED

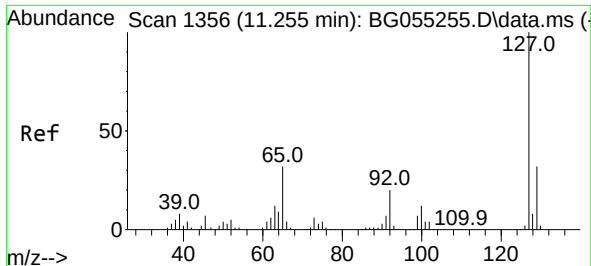
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#32
Benzoic acid
Concen: 49.821 ng
RT: 10.408 min Scan# 1212
Delta R.T. 0.017 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Tgt Ion:122 Resp: 111877
Ion Ratio Lower Upper
122 100
105 121.8 101.3 141.3
77 98.9 76.9 116.9





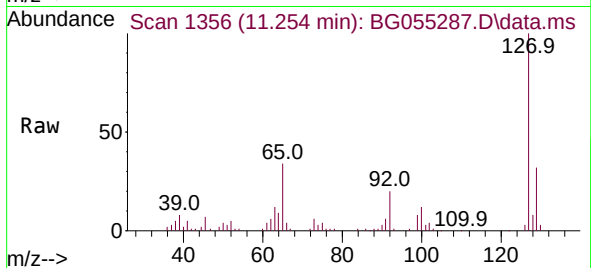
#33
4-Chloroaniline
Concen: 16.002 ng
RT: 11.254 min Scan# 1356
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

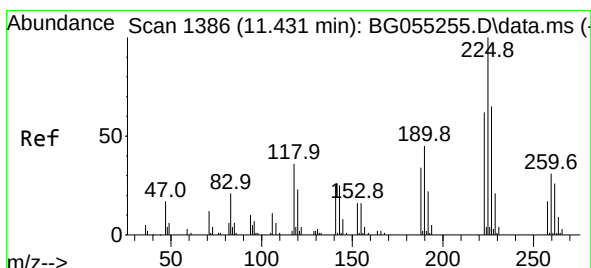
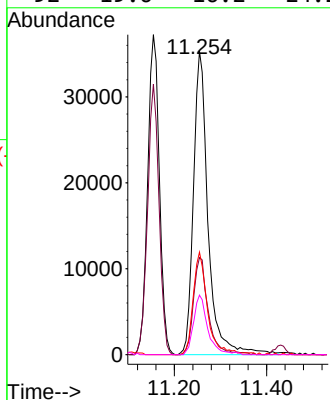
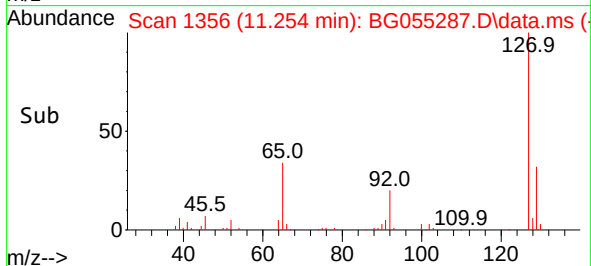


Tgt Ion:127 Resp: 77549
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.0
65 33.8 25.5 38.3
92 19.6 16.2 24.2

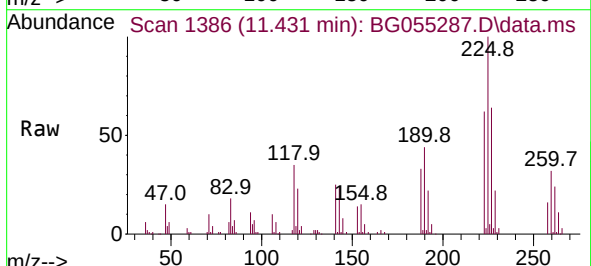
Manual Integrations

APPROVED

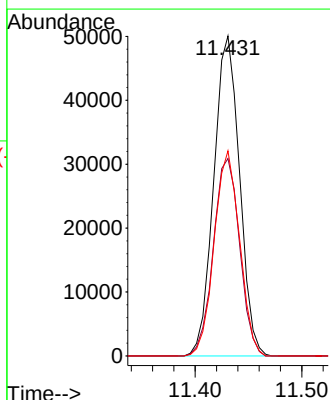
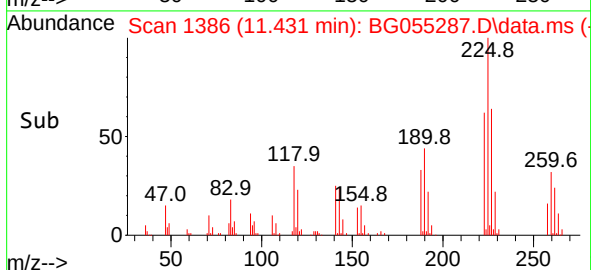
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

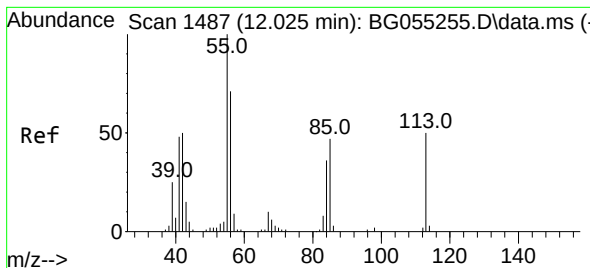


#34
Hexachlorobutadiene
Concen: 45.420 ng
RT: 11.431 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:225 Resp: 84169
Ion Ratio Lower Upper
225 100
223 61.7 49.4 74.2
227 64.1 52.4 78.6





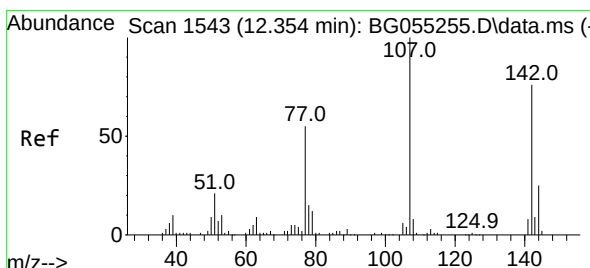
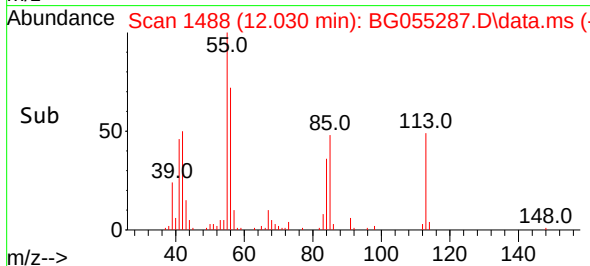
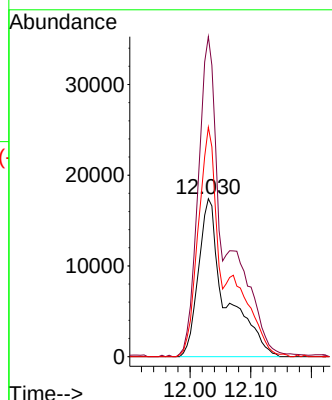
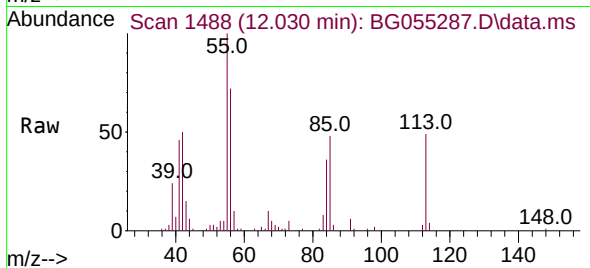
#35
Caprolactam
Concen: 36.902 ng m
RT: 12.030 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD

Tgt Ion:113 Resp: 54426
Ion Ratio Lower Upper
113 100
55 202.7 178.2 218.2
56 145.3 121.0 161.0

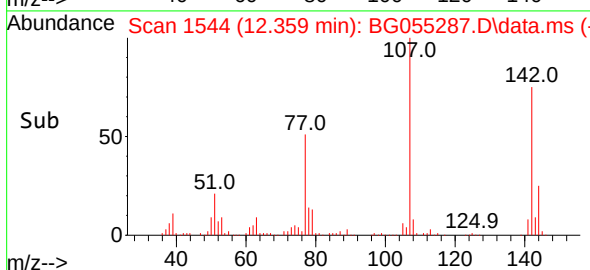
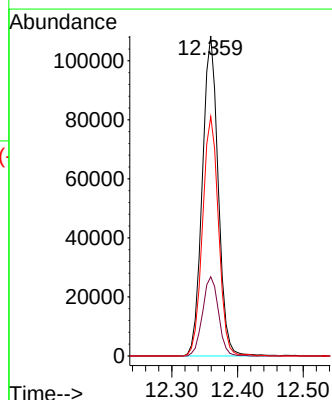
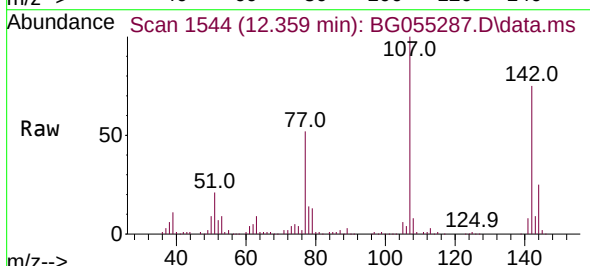
Manual Integrations
APPROVED

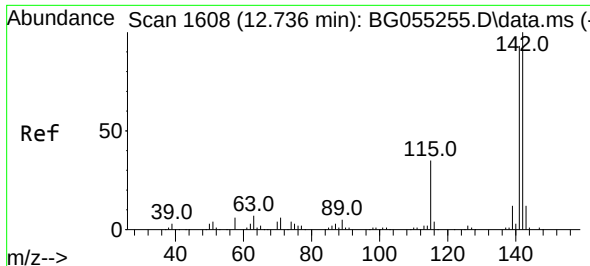
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#36
4-Chloro-3-methylphenol
Concen: 45.302 ng
RT: 12.359 min Scan# 1544
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

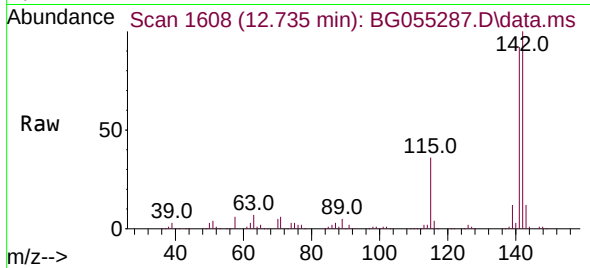
Tgt Ion:107 Resp: 181149
Ion Ratio Lower Upper
107 100
144 24.7 20.3 30.5
142 74.8 60.5 90.7





#37
2-Methylnaphthalene
Concen: 42.325 ng
RT: 12.735 min Scan# 1608
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

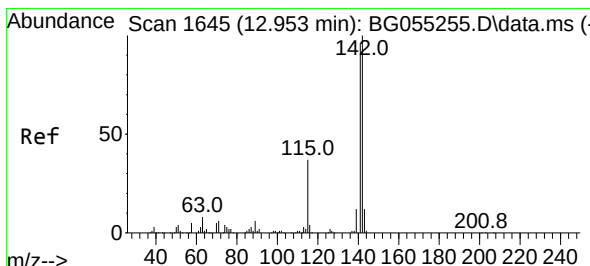
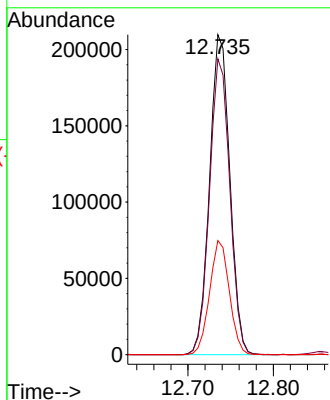
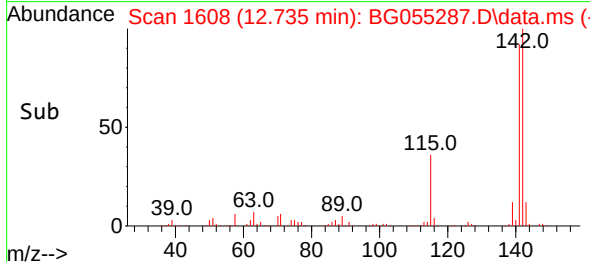
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



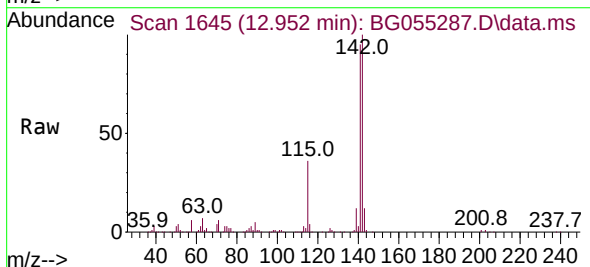
Tgt Ion:142 Resp: 345918
Ion Ratio Lower Upper
142 100
141 92.4 74.0 111.0
115 35.6 28.3 42.5

Manual Integrations
APPROVED

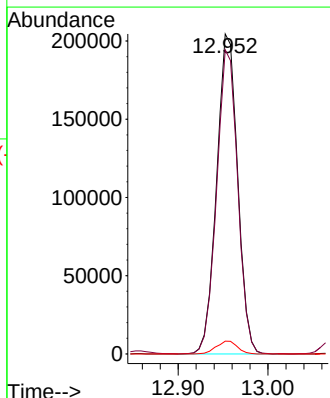
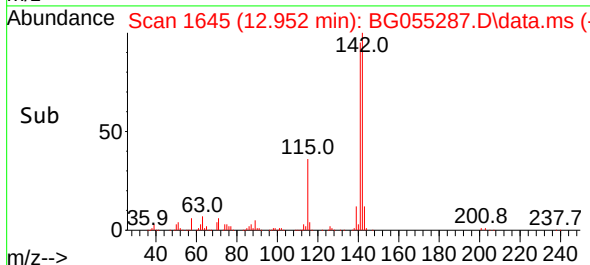
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

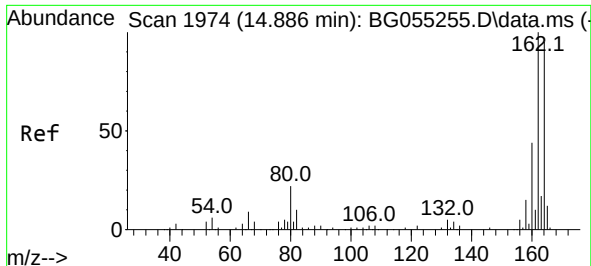


#38
1-Methylnaphthalene
Concen: 41.435 ng
RT: 12.952 min Scan# 1645
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:142 Resp: 334093
Ion Ratio Lower Upper
142 100
141 95.0 77.1 115.7
116 4.0 3.0 4.6





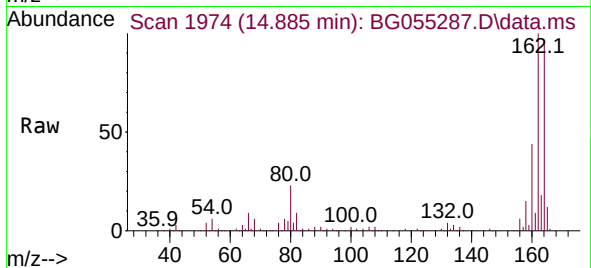
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.885 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

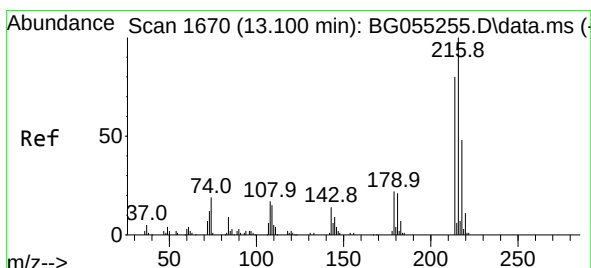
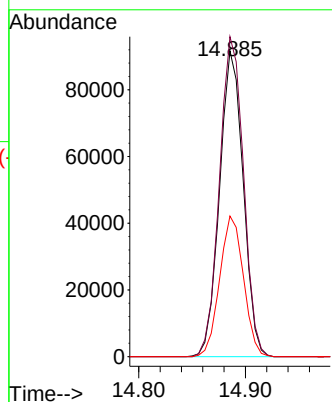
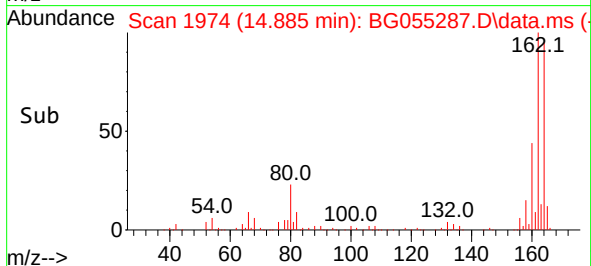


Tgt Ion:164 Resp: 141164
Ion Ratio Lower Upper
164 100
162 104.7 84.0 126.0
160 46.0 36.7 55.1

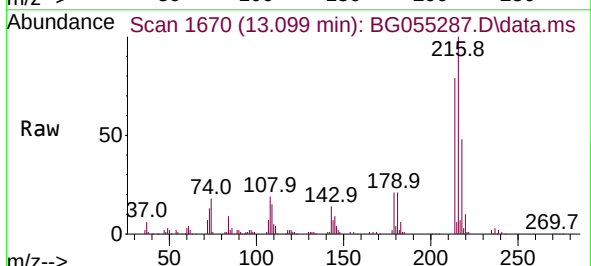
Manual Integrations

APPROVED

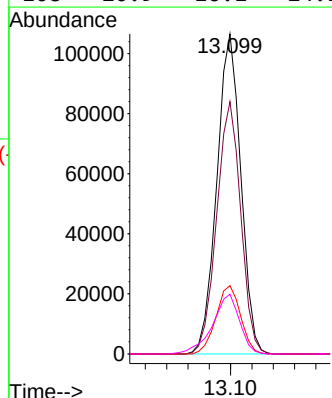
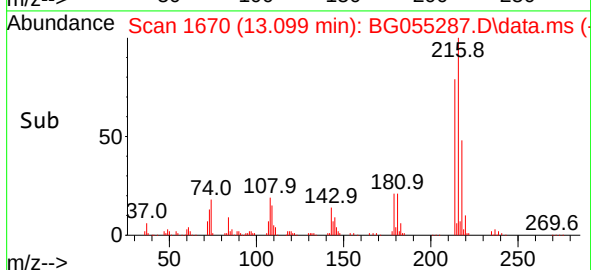
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

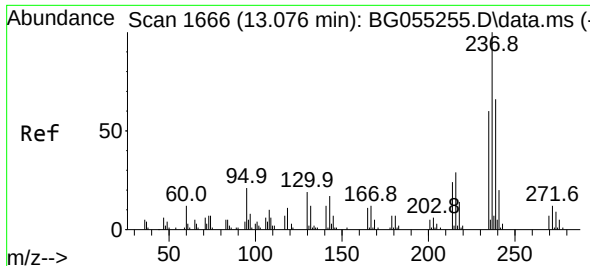


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.053 ng
RT: 13.099 min Scan# 1670
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



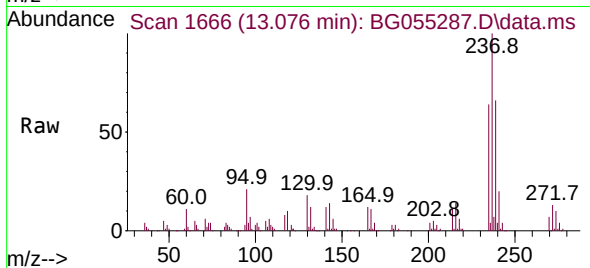
Tgt Ion:216 Resp: 167013
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 21.7 17.2 25.8
108 20.9 16.1 24.1





#41
Hexachlorocyclopentadiene
Concen: 80.775 ng
RT: 13.076 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

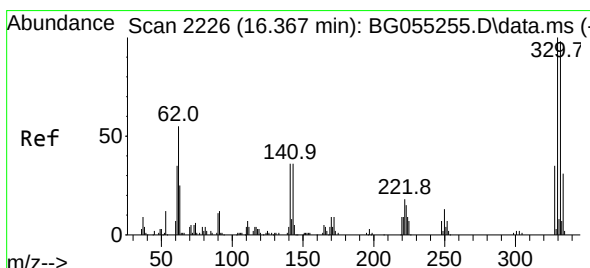
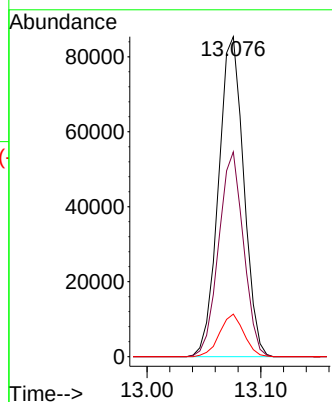
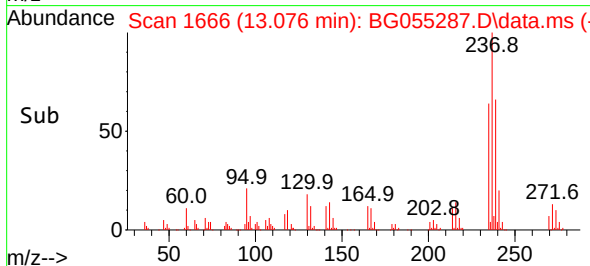
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



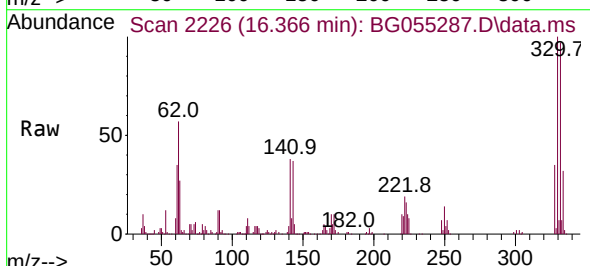
Tgt Ion:237 Resp: 131442
Ion Ratio Lower Upper
237 100
235 64.0 40.4 80.4
272 13.3 0.0 31.7

Manual Integrations
APPROVED

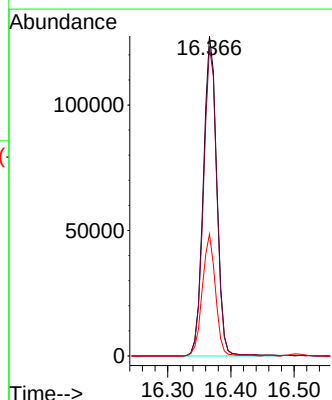
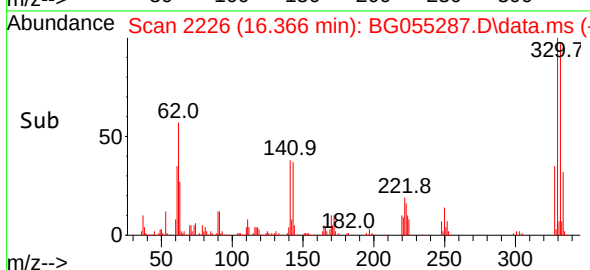
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

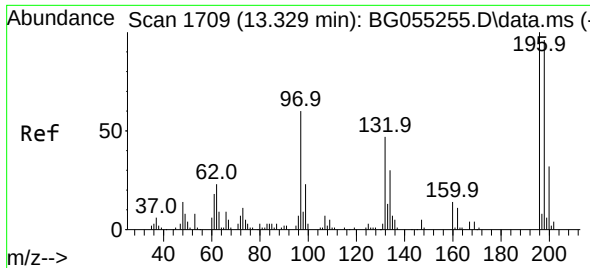


#42
2,4,6-Tribromophenol
Concen: 122.506 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:330 Resp: 187995
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 37.0 29.8 44.8





#43
2,4,6-Trichlorophenol
Concen: 48.200 ng
RT: 13.328 min Scan# 1709
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

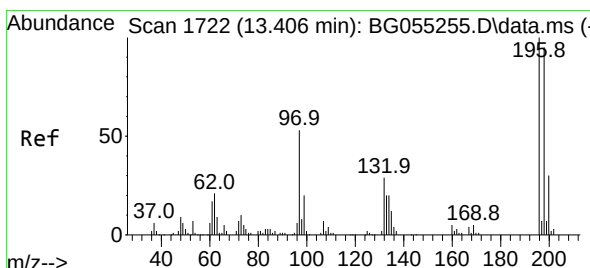
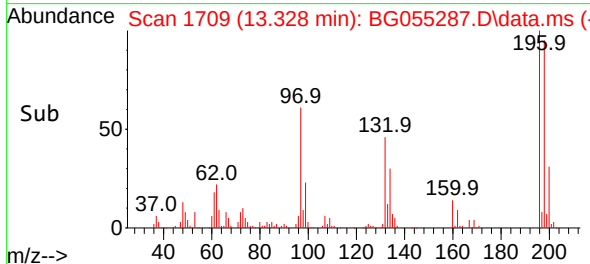
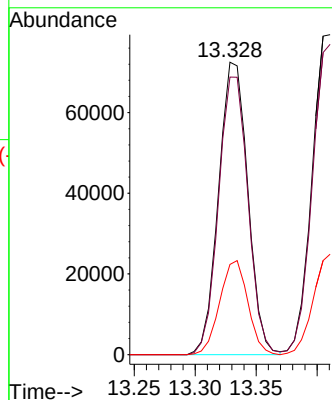
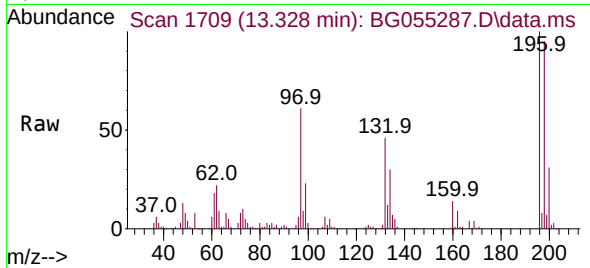
VNJ-221MSD

Tgt Ion:196 Resp: 121200
Ion Ratio Lower Upper
196 100
198 94.9 76.5 114.7
200 30.9 25.8 38.8

Manual Integrations

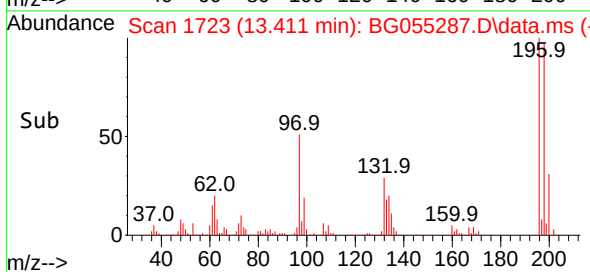
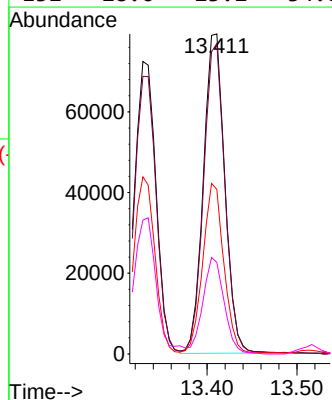
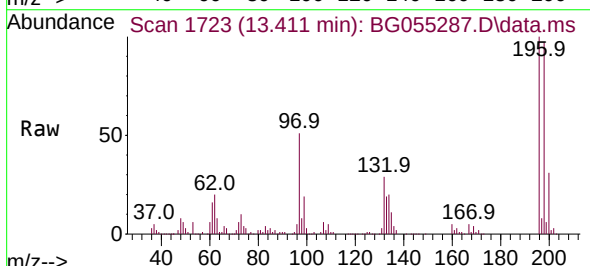
APPROVED

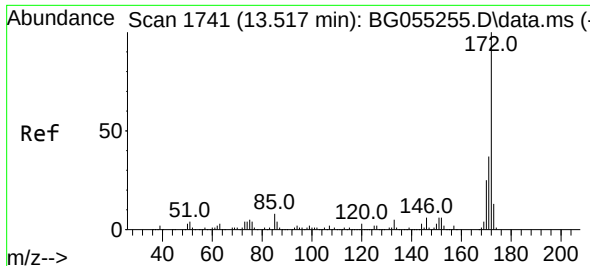
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#44
2,4,5-Trichlorophenol
Concen: 47.537 ng
RT: 13.411 min Scan# 1723
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

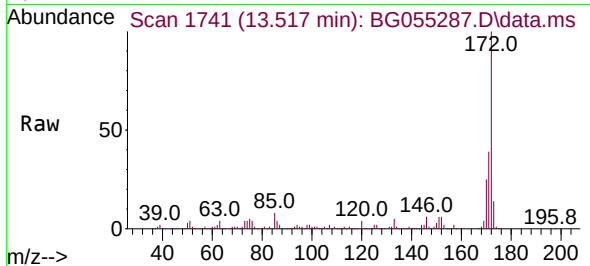
Tgt Ion:196 Resp: 132220
Ion Ratio Lower Upper
196 100
198 97.0 76.2 114.2
97 51.4 42.3 63.5
132 28.6 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 70.867 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

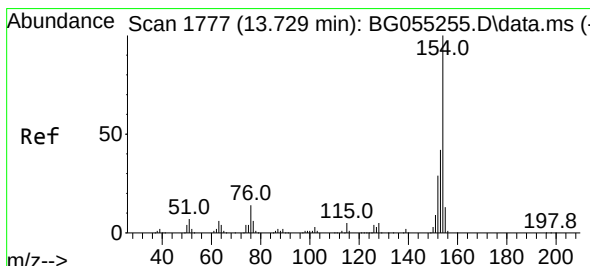
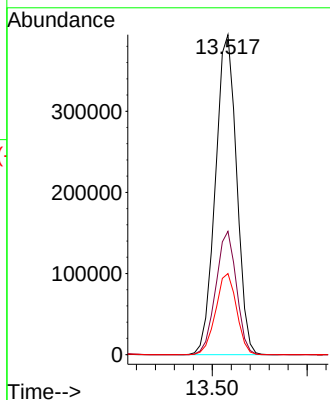
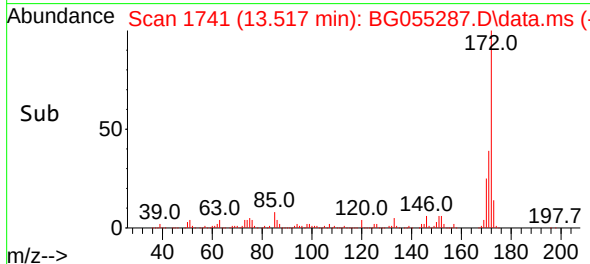
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



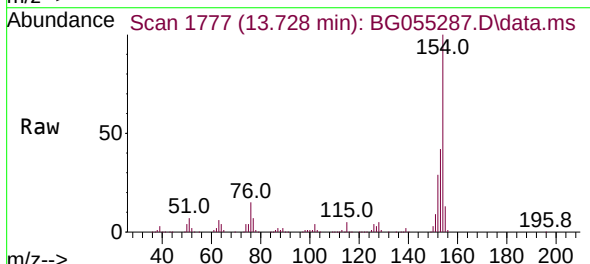
Tgt Ion:172 Resp: 611198
Ion Ratio Lower Upper
172 100
171 38.5 29.7 44.5
170 25.3 20.2 30.2

Manual Integrations
APPROVED

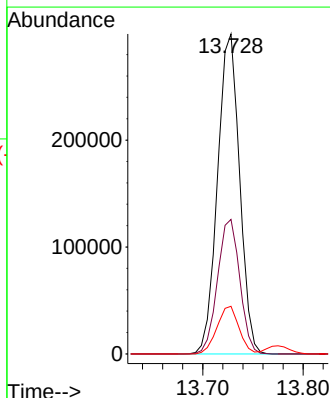
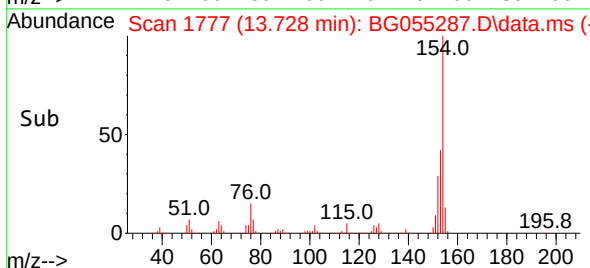
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

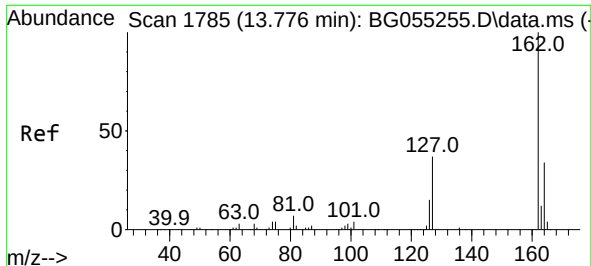


#46
1,1'-Biphenyl
Concen: 47.206 ng
RT: 13.728 min Scan# 1777
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:154 Resp: 457043
Ion Ratio Lower Upper
154 100
153 42.0 21.5 61.5
76 14.9 0.0 34.2





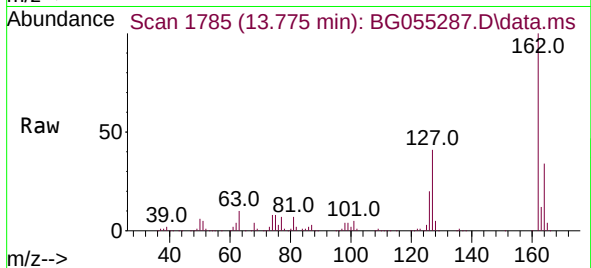
#47
2-Chloronaphthalene
Concen: 45.677 ng
RT: 13.775 min Scan# 1785
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

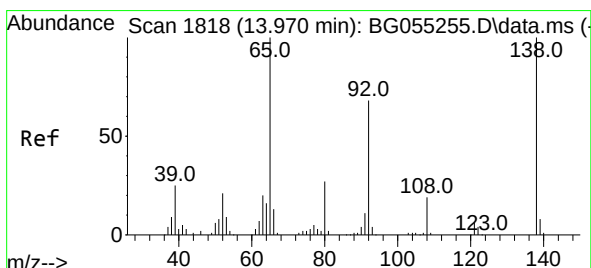
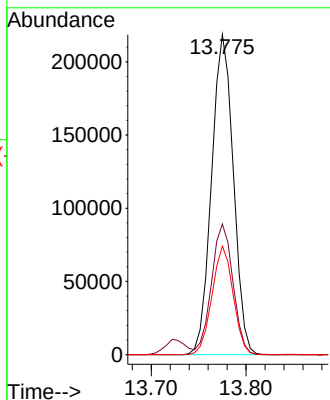
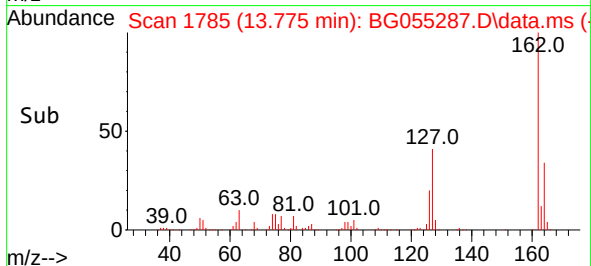


Tgt Ion:162 Resp: 348733
Ion Ratio Lower Upper
162 100
127 40.8 33.0 49.6
164 33.9 27.0 40.4

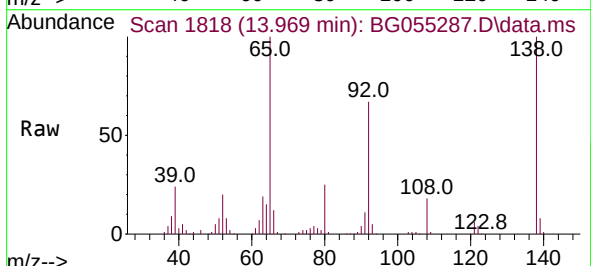
Manual Integrations

APPROVED

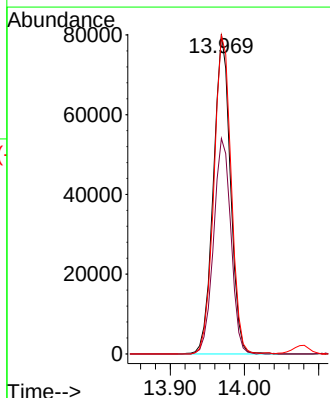
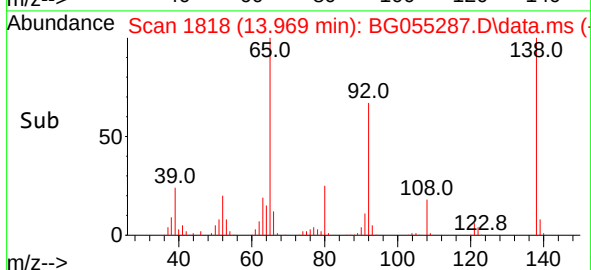
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

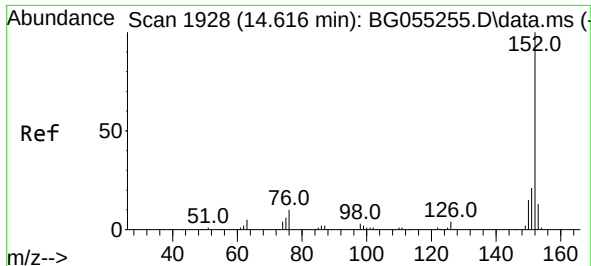


#48
2-Nitroaniline
Concen: 42.590 ng
RT: 13.969 min Scan# 1818
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion: 65 Resp: 127165
Ion Ratio Lower Upper
65 100
92 67.3 54.6 82.0
138 99.5 80.2 120.4





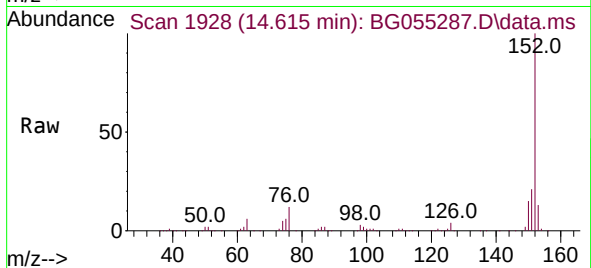
#49
Acenaphthylene
Concen: 43.510 ng
RT: 14.615 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

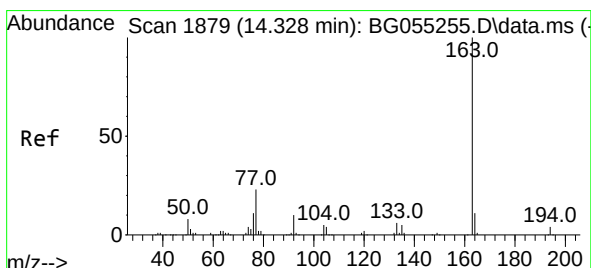
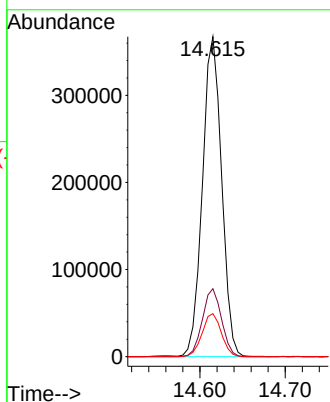
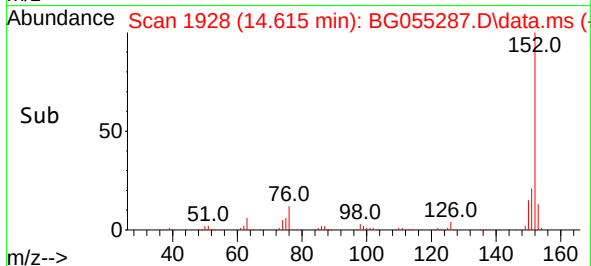


Tgt Ion:152 Resp: 57344
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0
153 13.4 10.5 15.7

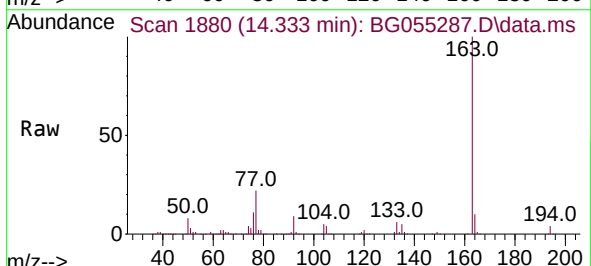
Manual Integrations

APPROVED

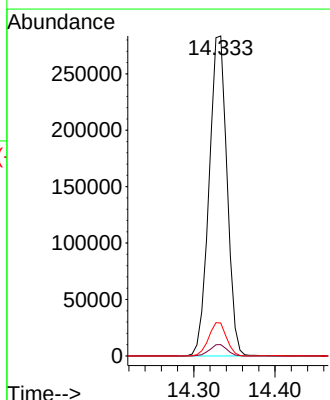
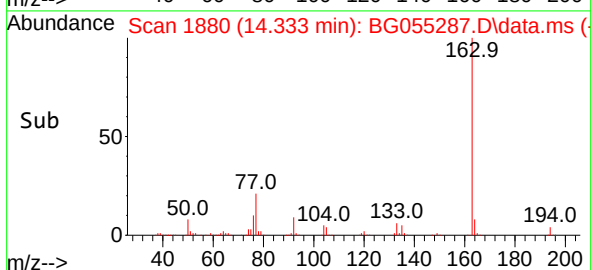
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

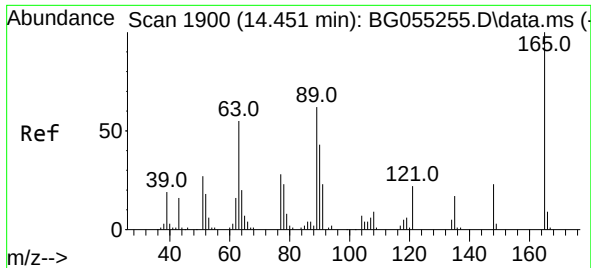


#50
Dimethylphthalate
Concen: 39.172 ng
RT: 14.333 min Scan# 1880
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:163 Resp: 434163
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 8.4 12.6





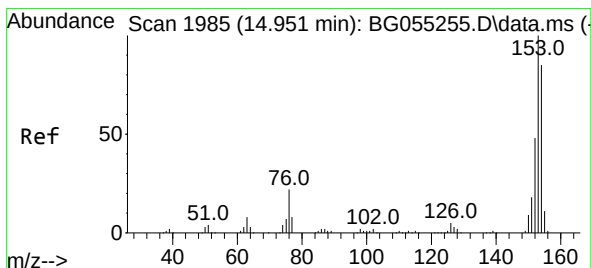
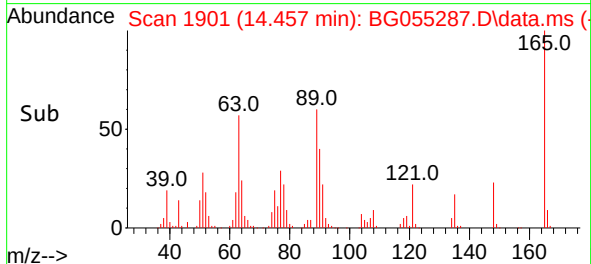
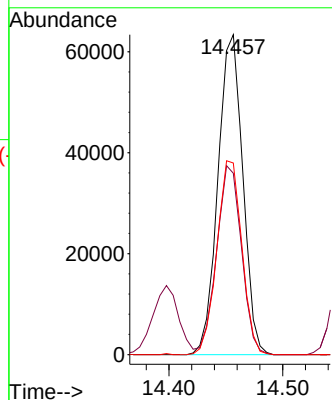
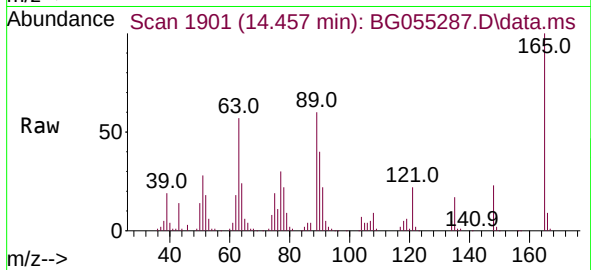
#51
2,6-Dinitrotoluene
Concen: 42.521 ng
RT: 14.457 min Scan# 1900
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD

Tgt Ion:165 Resp: 95899
Ion Ratio Lower Upper
165 100
63 56.7 49.2 73.8
89 59.9 49.9 74.9

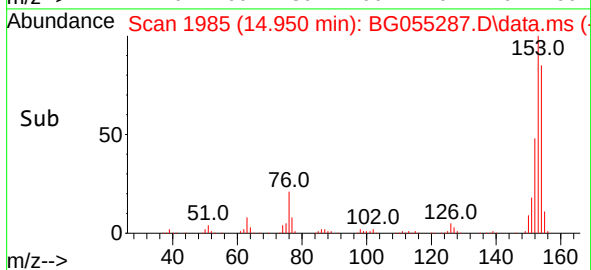
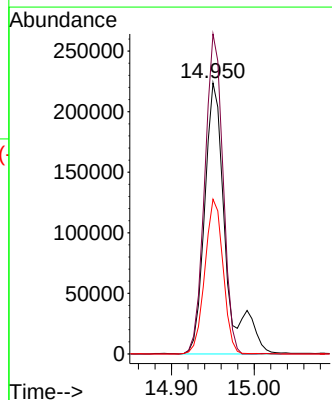
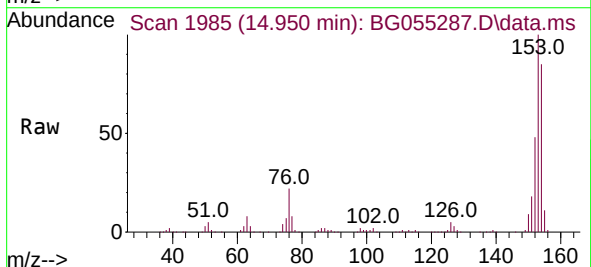
Manual Integrations
APPROVED

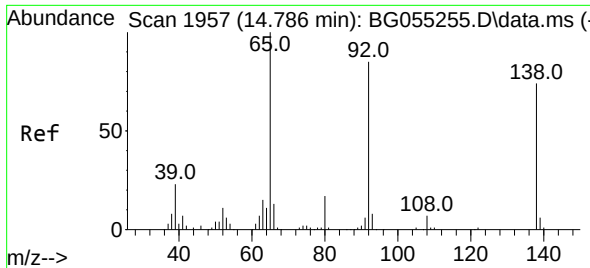
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#52
Acenaphthene
Concen: 46.903 ng m
RT: 14.950 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Tgt Ion:154 Resp: 394031
Ion Ratio Lower Upper
154 100
153 118.1 94.3 141.5
152 57.1 45.3 67.9





#53
3-Nitroaniline
Concen: 29.037 ng
RT: 14.786 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

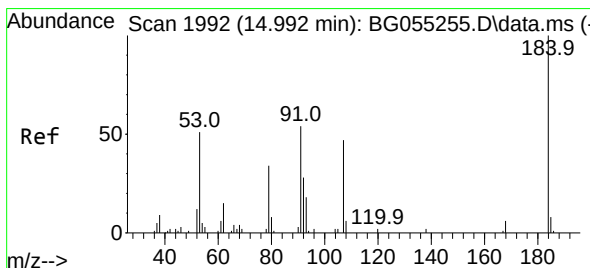
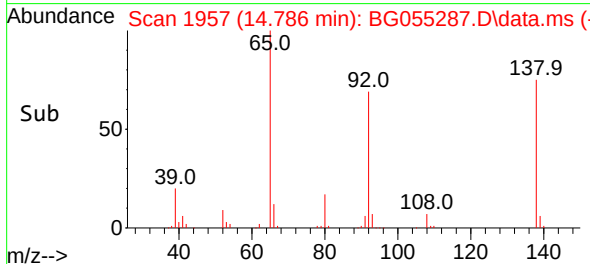
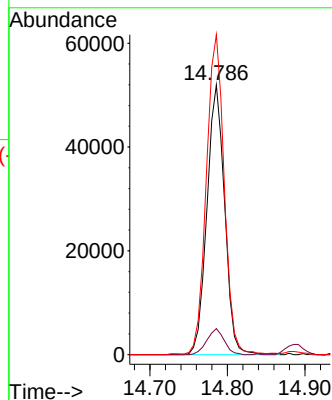
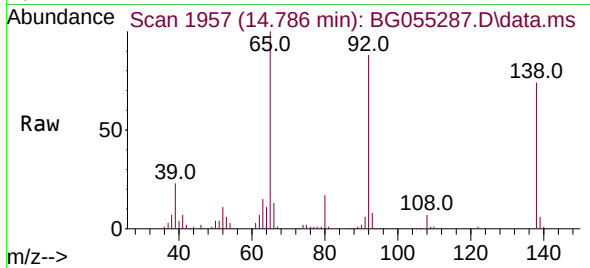
VNJ-221MSD

Tgt Ion:138 Resp: 82310
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 118.7 91.8 137.8

Manual Integrations

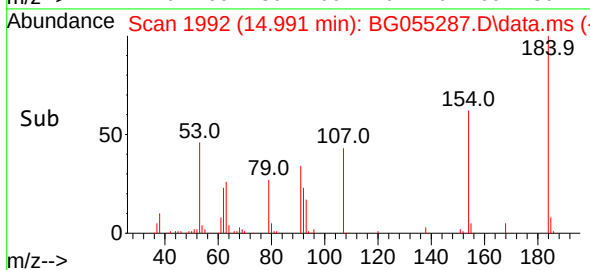
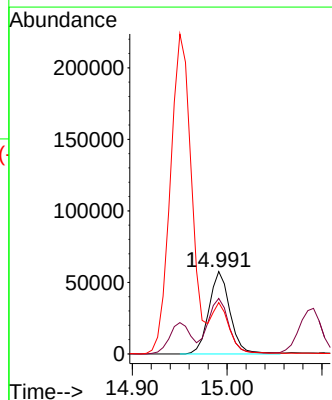
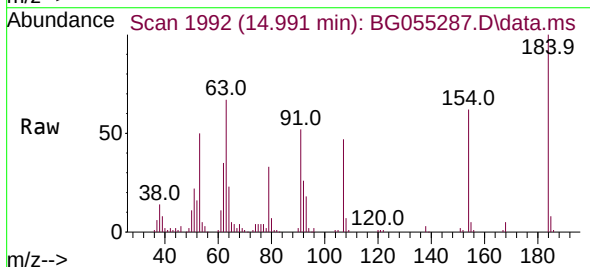
APPROVED

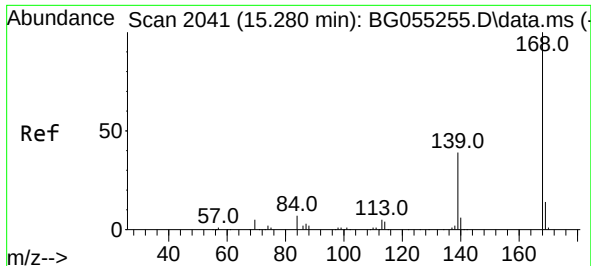
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#54
2,4-Dinitrophenol
Concen: 68.068 ng
RT: 14.991 min Scan# 1992
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

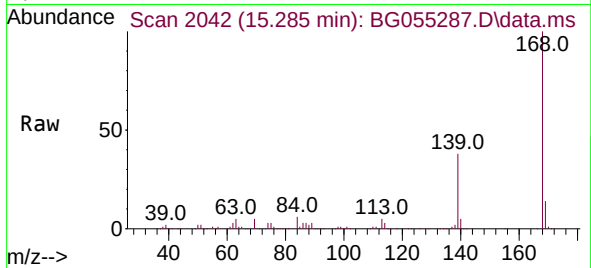
Tgt Ion:184 Resp: 89047
Ion Ratio Lower Upper
184 100
63 67.4 55.7 83.5
154 62.3 49.4 74.0





#55
Dibenzofuran
Concen: 43.239 ng
RT: 15.285 min Scan# 2041
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

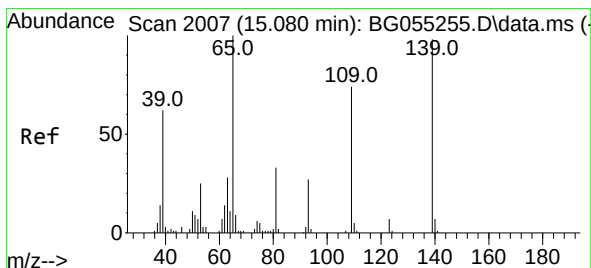
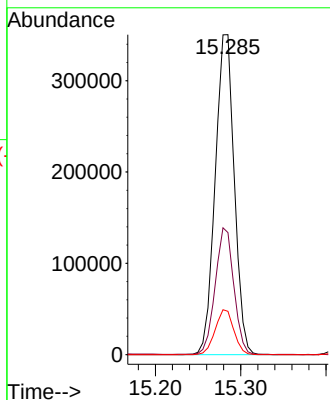
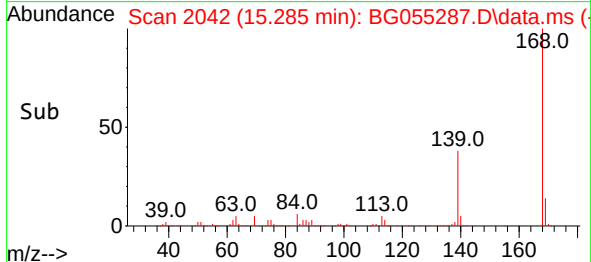
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



Tgt Ion:168 Resp: 544962
Ion Ratio Lower Upper
168 100
139 38.1 31.6 47.4
169 13.5 11.0 16.4

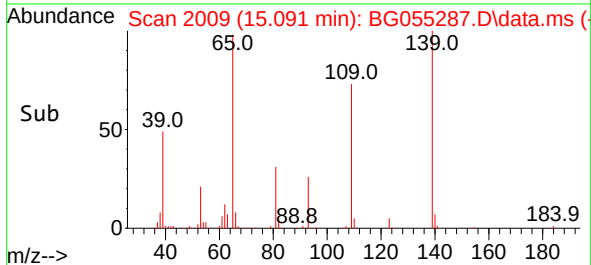
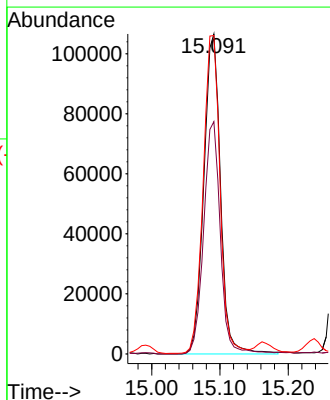
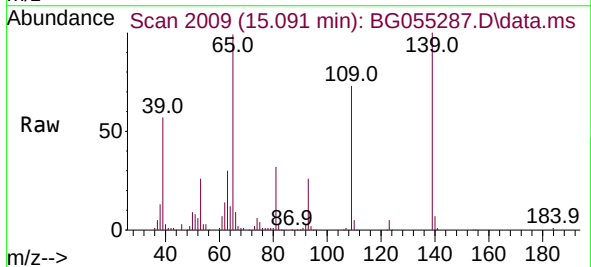
Manual Integrations
APPROVED

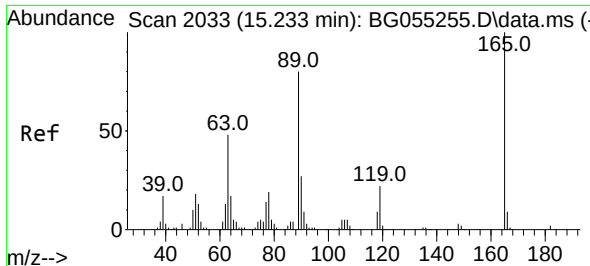
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#56
4-Nitrophenol
Concen: 89.319 ng
RT: 15.091 min Scan# 2009
Delta R.T. 0.011 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

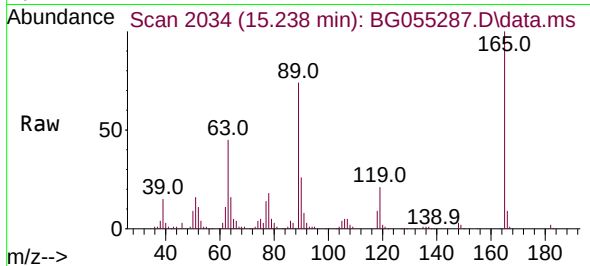
Tgt Ion:139 Resp: 181089
Ion Ratio Lower Upper
139 100
109 72.6 55.4 95.4
65 99.5 81.6 121.6





#57
2,4-Dinitrotoluene
Concen: 42.287 ng
RT: 15.238 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

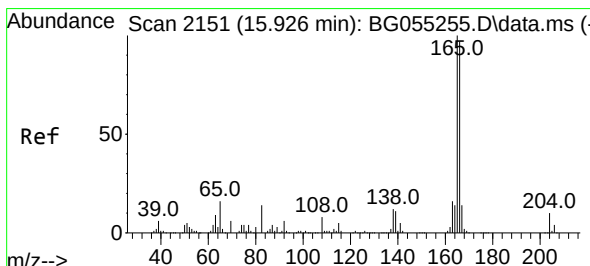
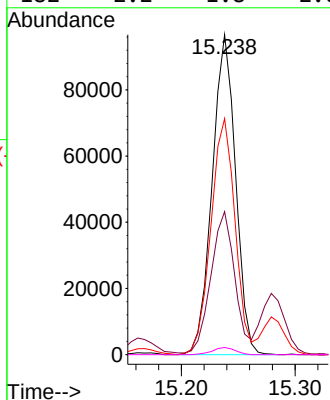
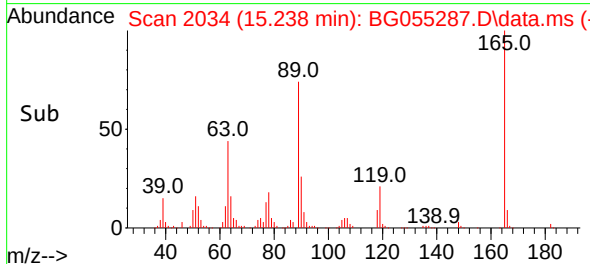
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



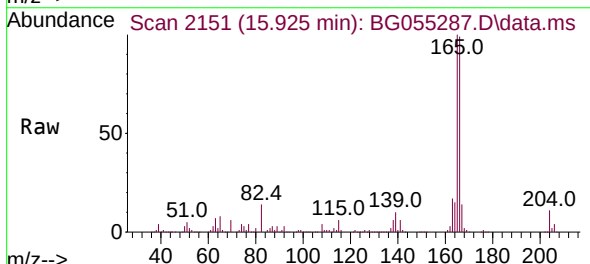
Tgt Ion:165 Resp: 138401
Ion Ratio Lower Upper
165 100
63 44.7 38.9 58.3
89 73.7 64.2 96.4
182 2.2 1.8 2.6

Manual Integrations
APPROVED

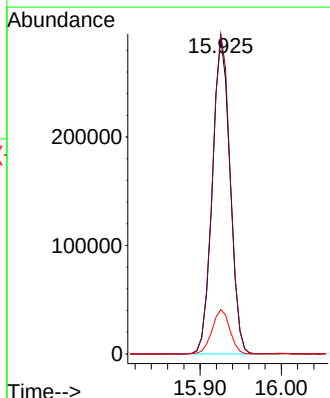
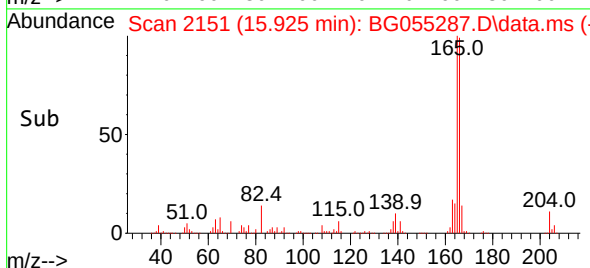
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

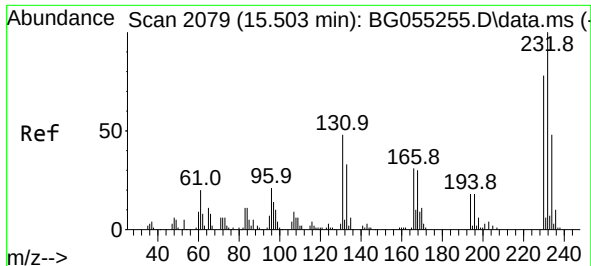


#58
Fluorene
Concen: 41.958 ng
RT: 15.925 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:166 Resp: 440020
Ion Ratio Lower Upper
166 100
165 101.1 82.4 123.6
167 14.0 11.5 17.3





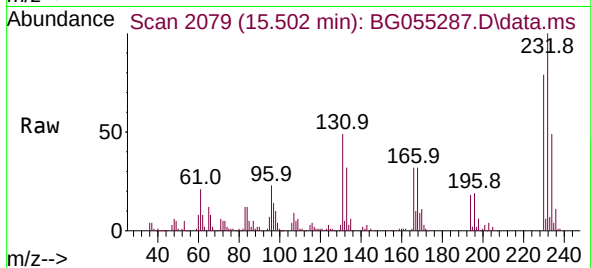
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.343 ng
RT: 15.502 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

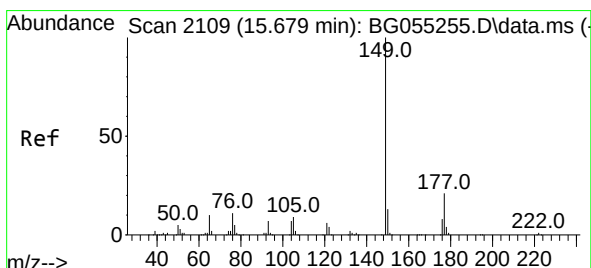
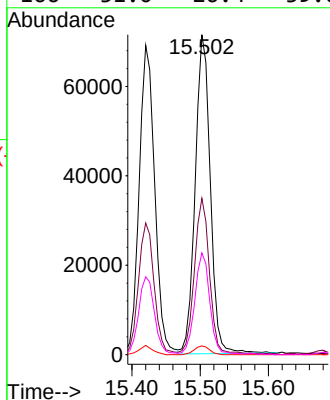
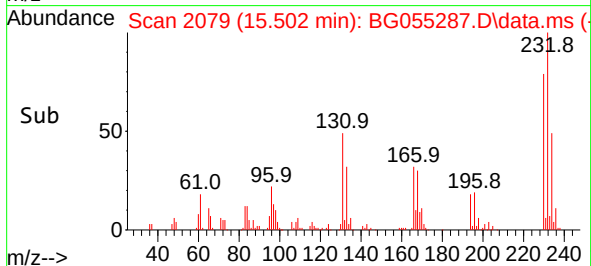


Tgt Ion:232 Resp: 109954
Ion Ratio Lower Upper
232 100
131 49.7 39.6 59.4
130 2.7 2.1 3.1
166 31.0 26.4 39.6

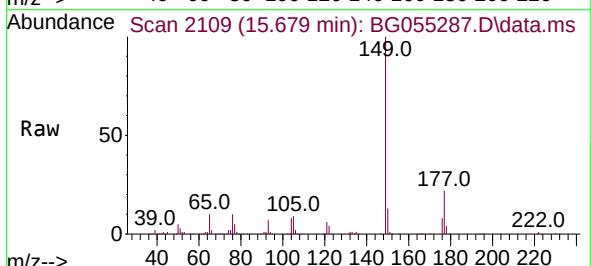
Manual Integrations

APPROVED

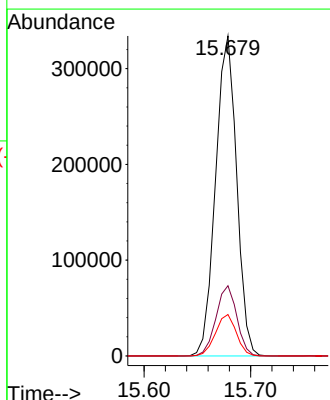
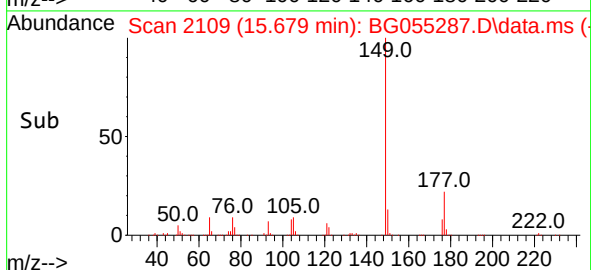
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

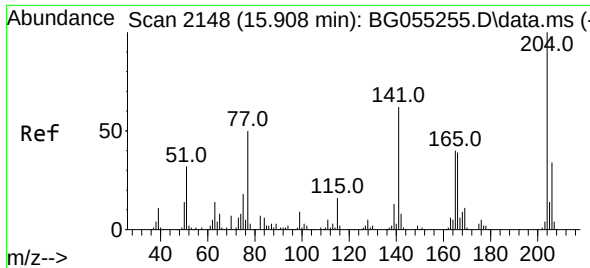


#60
Diethylphthalate
Concen: 38.945 ng
RT: 15.679 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



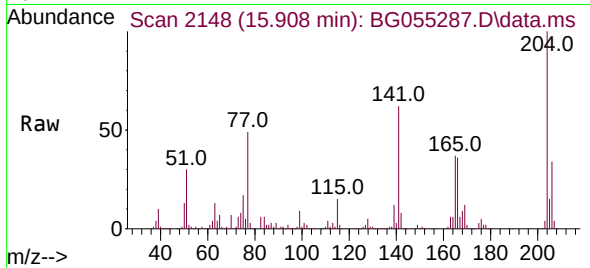
Tgt Ion:149 Resp: 459154
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.500 ng
RT: 15.908 min Scan# 2145
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

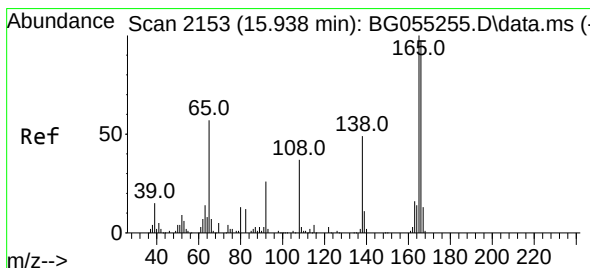
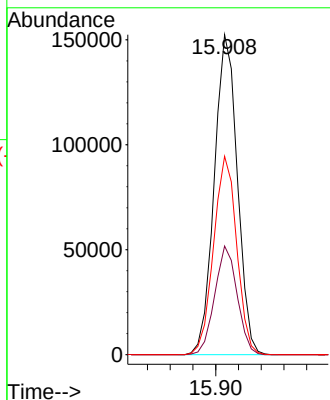
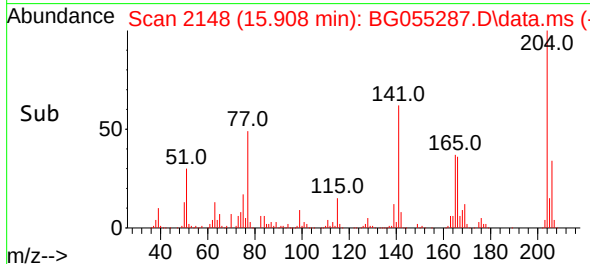
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



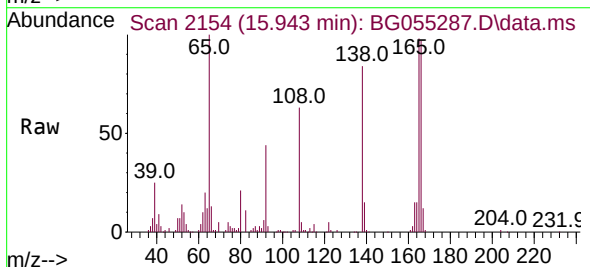
Tgt Ion:204 Resp: 21445
Ion Ratio Lower Upper
204 100
206 33.9 26.9 40.3
141 62.0 49.9 74.9

Manual Integrations
APPROVED

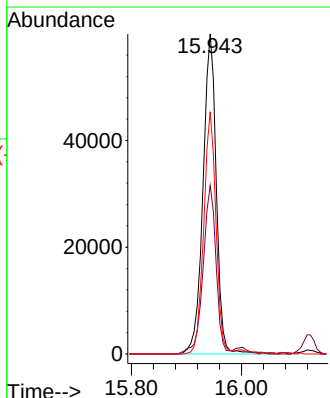
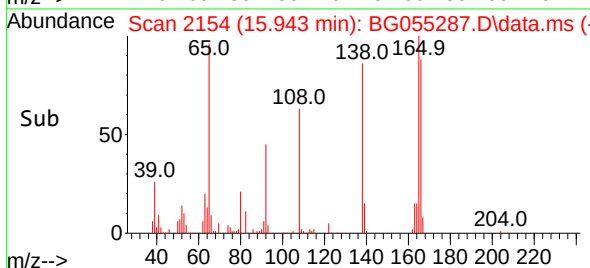
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

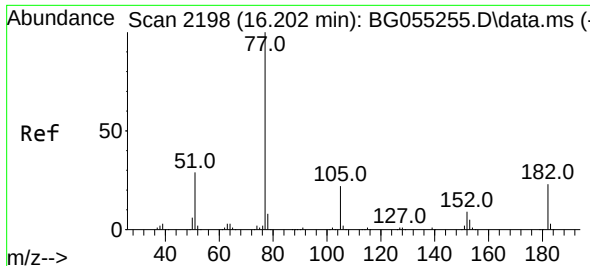


#62
4-Nitroaniline
Concen: 33.792 ng
RT: 15.943 min Scan# 2154
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:138 Resp: 100660
Ion Ratio Lower Upper
138 100
92 52.6 33.3 73.3
108 75.7 55.5 95.5





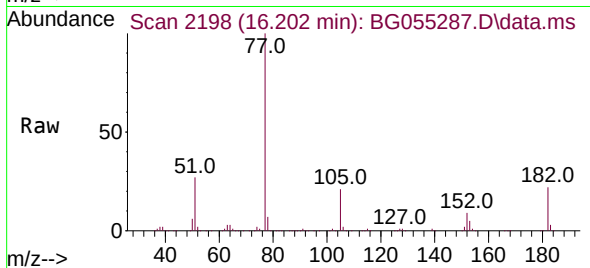
#63
Azobenzene
Concen: 41.642 ng
RT: 16.202 min Scan# 2198
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

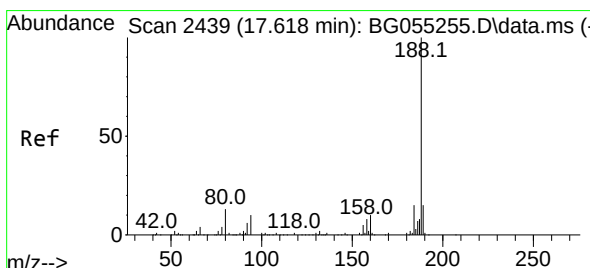
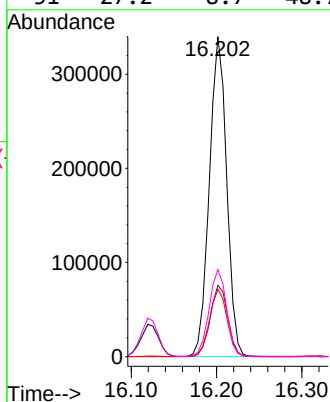
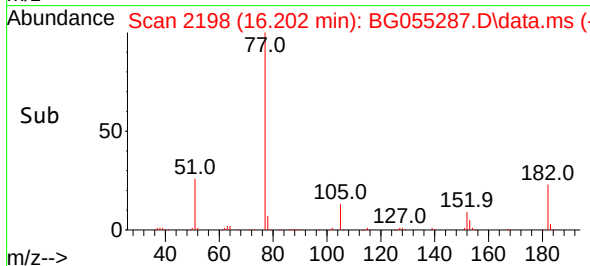


Tgt Ion: 77 Resp: 478284
Ion Ratio Lower Upper
77 100
182 22.3 2.5 42.5
105 21.1 1.6 41.6
51 27.2 8.7 48.7

Manual Integrations

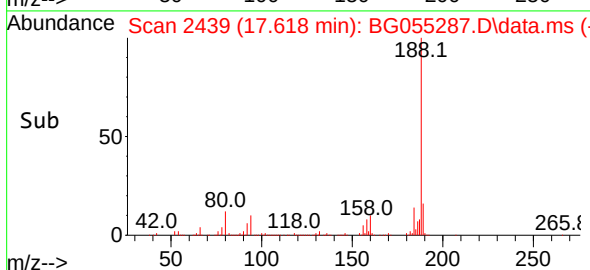
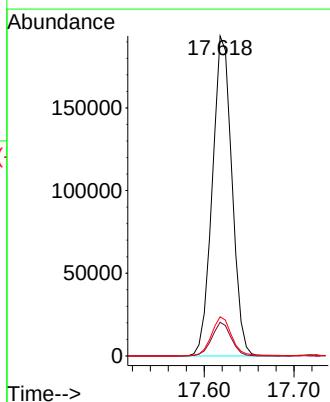
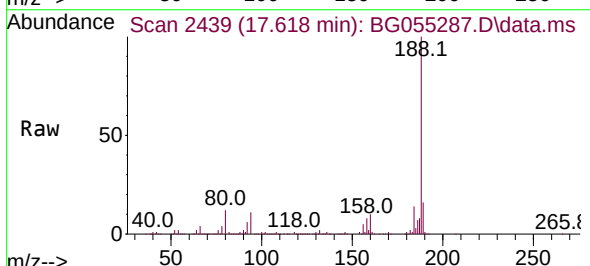
APPROVED

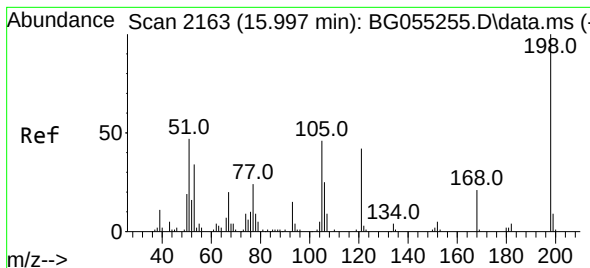
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

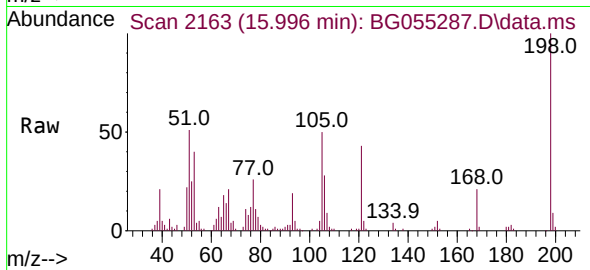
Tgt Ion:188 Resp: 293784
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.4
80 12.2 10.1 15.1





#65
4,6-Dinitro-2-methylphenol
Concen: 37.727 ng
RT: 15.996 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

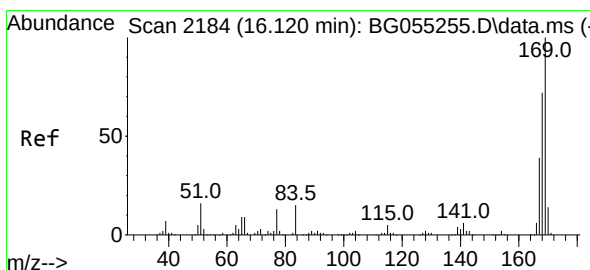
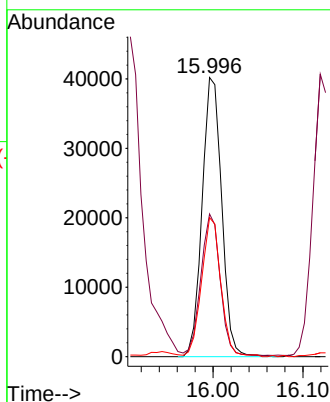
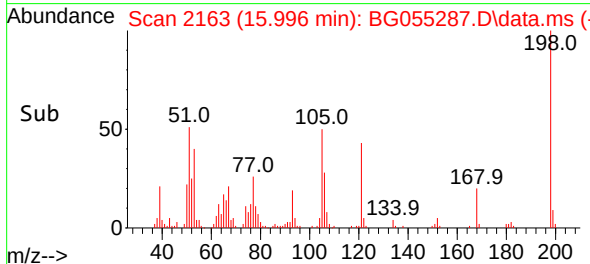
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



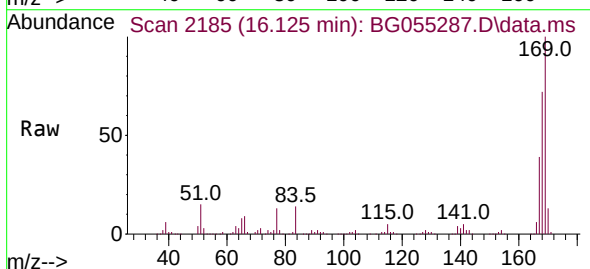
Tgt Ion:198 Resp: 60930
Ion Ratio Lower Upper
198 100
51 51.1 29.6 69.6
105 49.8 26.6 66.6

Manual Integrations
APPROVED

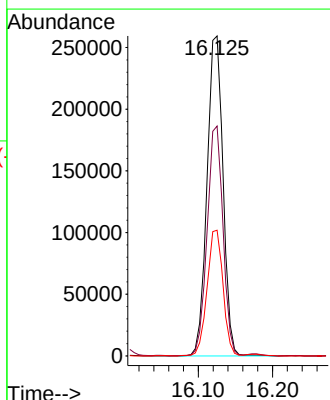
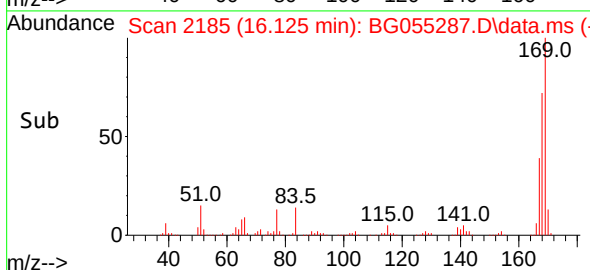
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

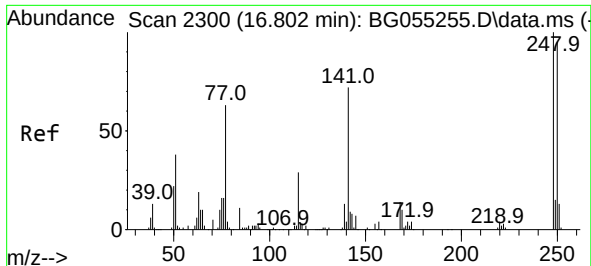


#66
n-Nitrosodiphenylamine
Concen: 47.435 ng
RT: 16.125 min Scan# 2185
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:169 Resp: 387879
Ion Ratio Lower Upper
169 100
168 71.8 57.5 86.3
167 39.3 31.5 47.3





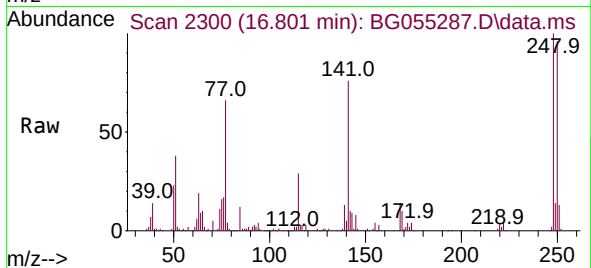
#67
4-Bromophenyl-phenylether
Concen: 48.615 ng
RT: 16.801 min Scan# 2300
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

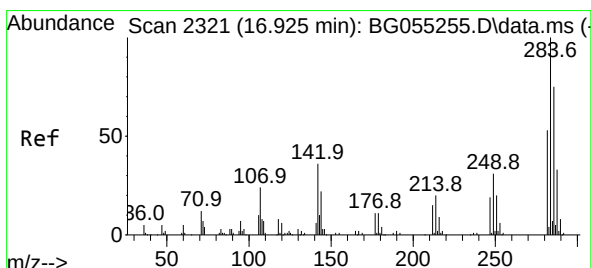
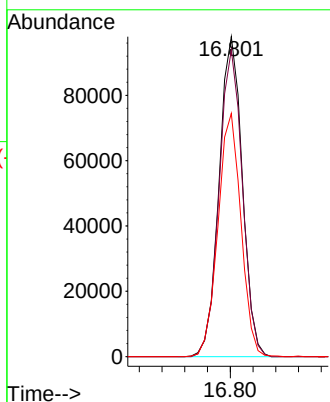
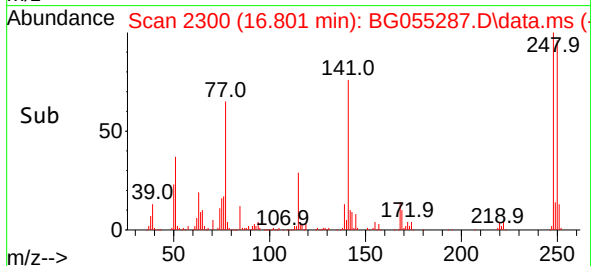


Tgt Ion:248 Resp: 138760
Ion Ratio Lower Upper
248 100
250 95.8 76.0 114.0
141 76.0 58.0 87.0

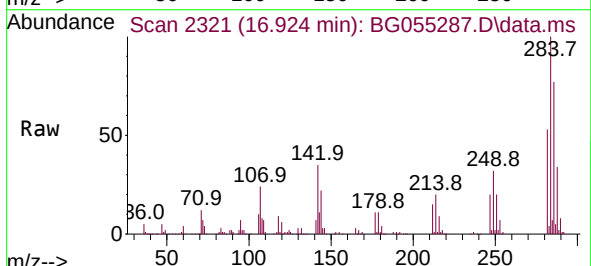
Manual Integrations

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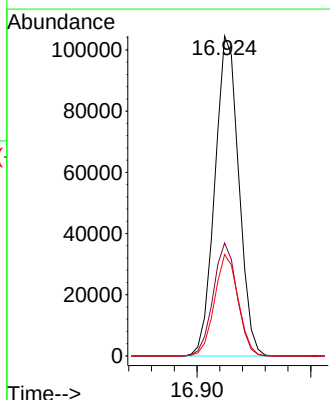
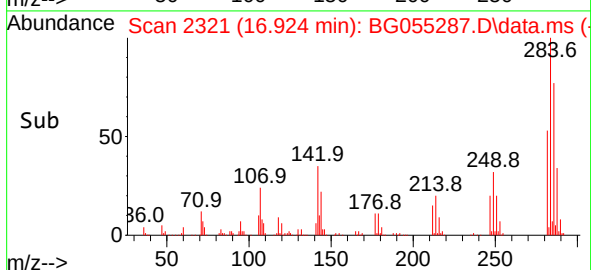
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

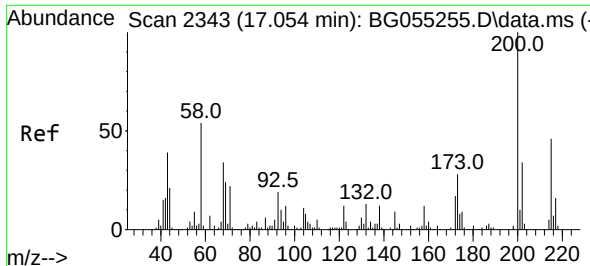


#68
Hexachlorobenzene
Concen: 47.222 ng
RT: 16.924 min Scan# 2321
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



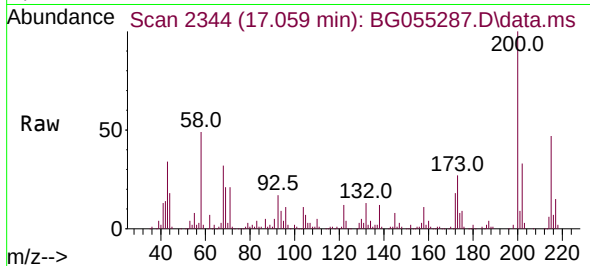
Tgt Ion:284 Resp: 152396
Ion Ratio Lower Upper
284 100
142 35.3 28.9 43.3
249 31.7 25.0 37.4





#69
 Atrazine
 Concen: 50.318 ng
 RT: 17.059 min Scan# 2344
 Delta R.T. 0.005 min
 Lab File: BG055287.D
 Acq: 25 Oct 2022 22:48

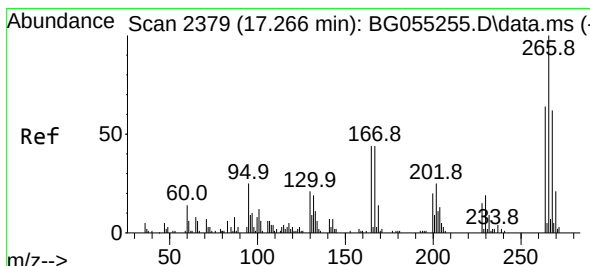
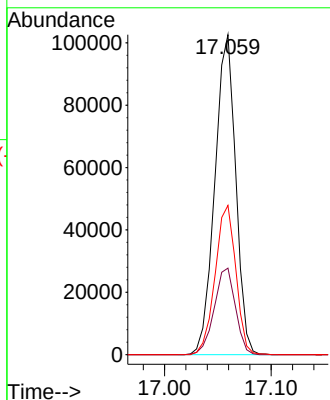
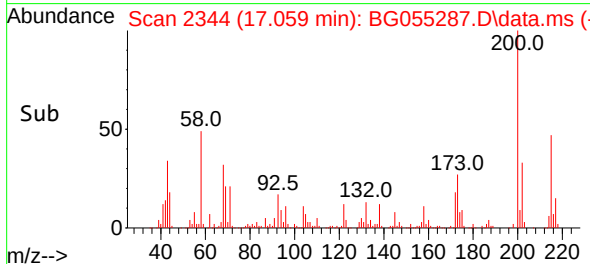
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-221MSD



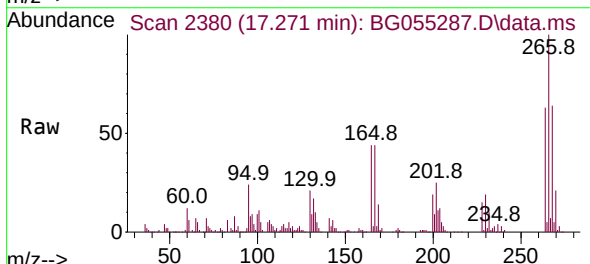
Tgt Ion:200 Resp: 139912
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.7 47.7
 215 46.6 26.1 66.1

Manual Integrations
 APPROVED

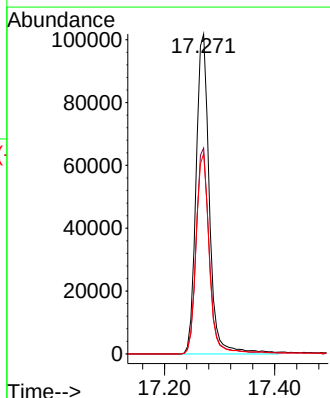
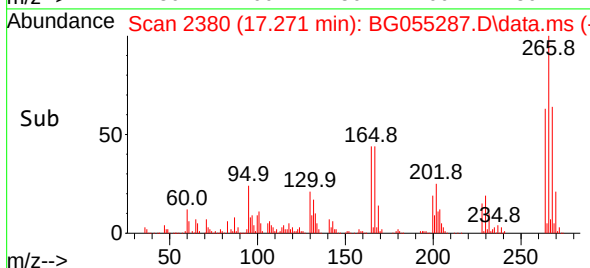
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

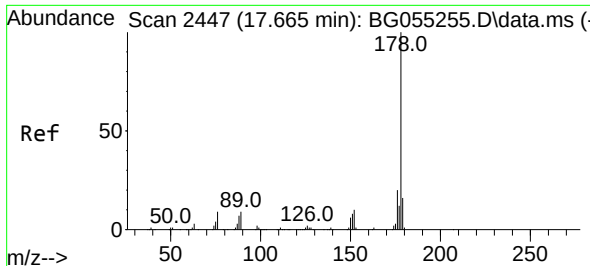


#70
 Pentachlorophenol
 Concen: 93.308 ng
 RT: 17.271 min Scan# 2380
 Delta R.T. 0.005 min
 Lab File: BG055287.D
 Acq: 25 Oct 2022 22:48



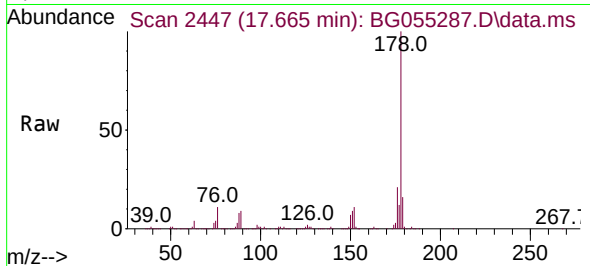
Tgt Ion:266 Resp: 170913
 Ion Ratio Lower Upper
 266 100
 268 64.3 53.2 79.8
 264 62.6 51.5 77.3





#71
Phenanthrene
Concen: 48.739 ng
RT: 17.665 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

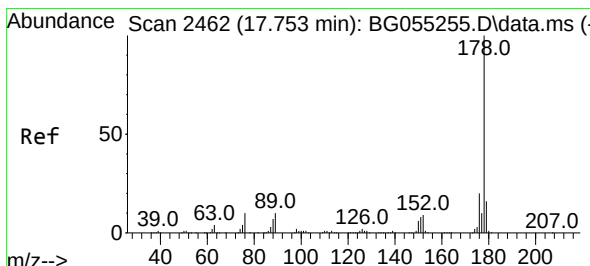
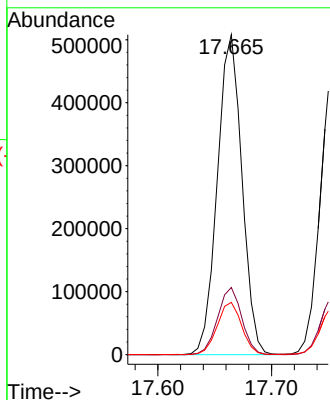
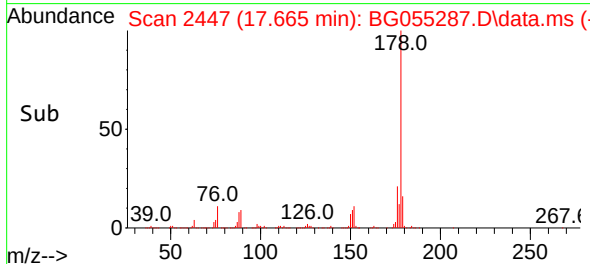
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



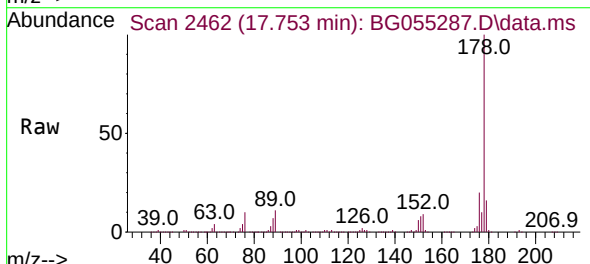
Tgt Ion:178 Resp: 763635
Ion Ratio Lower Upper
178 100
176 21.0 16.0 24.0
179 16.3 12.6 19.0

Manual Integrations
APPROVED

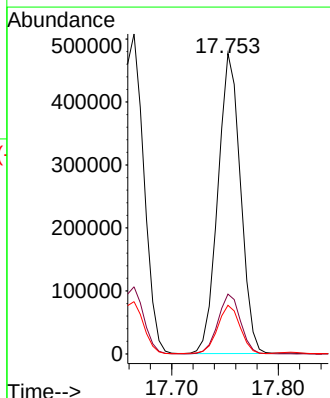
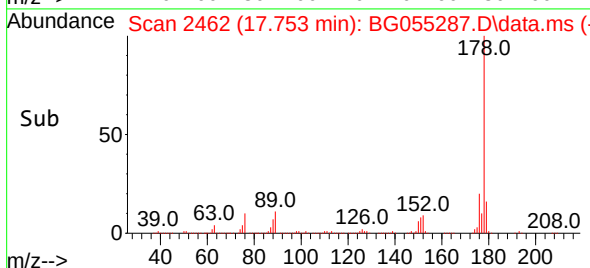
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

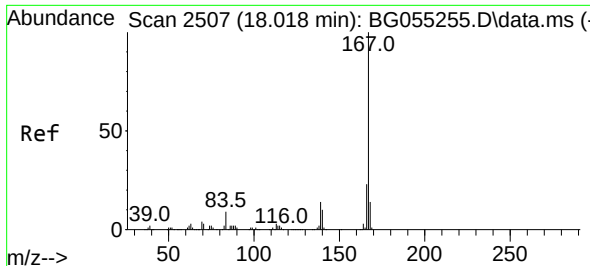


#72
Anthracene
Concen: 45.839 ng
RT: 17.753 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



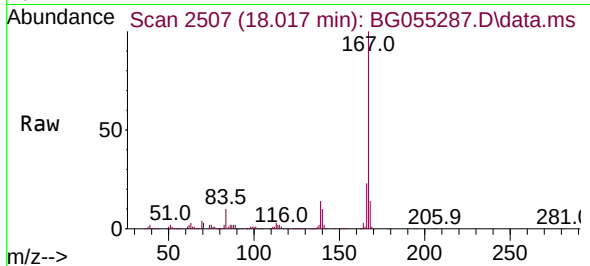
Tgt Ion:178 Resp: 702100
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.2 12.9 19.3





#73
 Carbazole
 Concen: 44.981 ng
 RT: 18.017 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG055287.D
 Acq: 25 Oct 2022 22:48

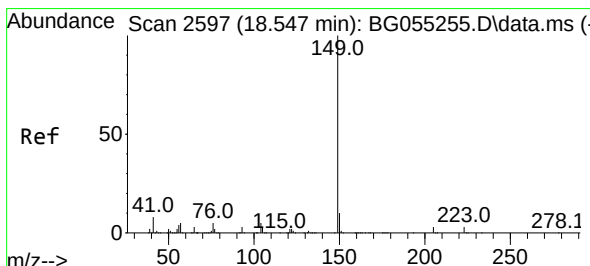
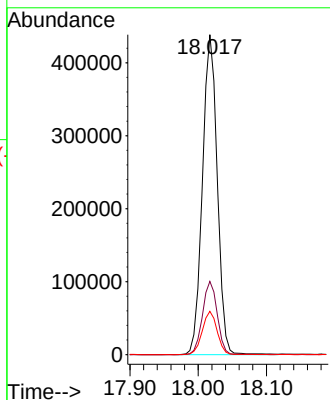
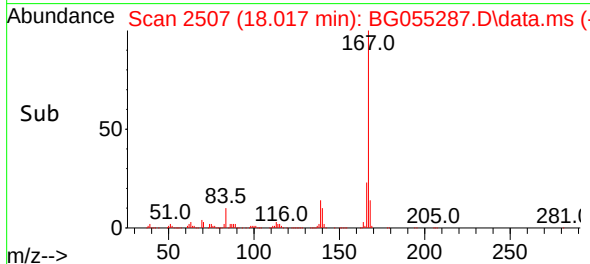
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-221MSD



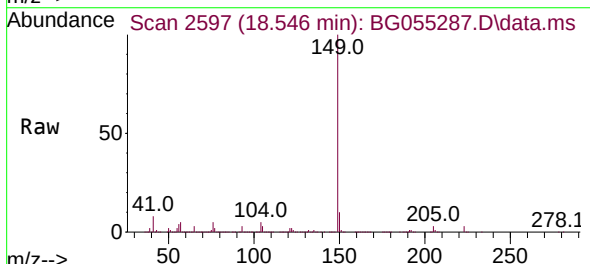
Tgt Ion:167 Resp: 662670
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.6 27.8
 139 13.5 10.9 16.3

Manual Integrations
 APPROVED

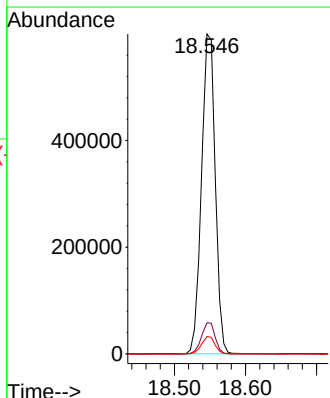
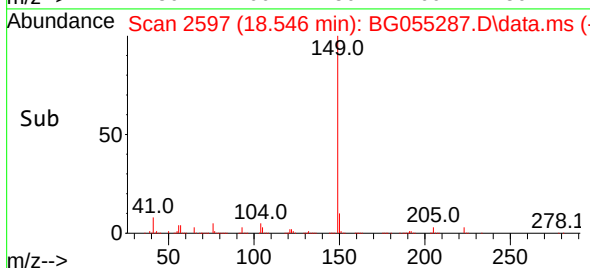
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

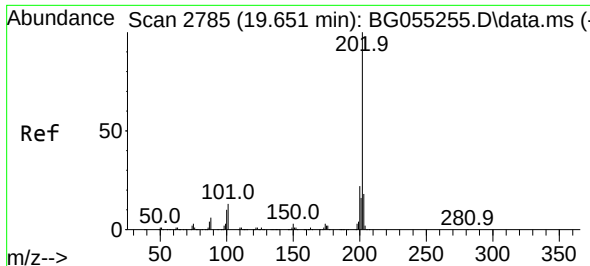


#74
 Di-n-butylphthalate
 Concen: 43.434 ng
 RT: 18.546 min Scan# 2597
 Delta R.T. -0.001 min
 Lab File: BG055287.D
 Acq: 25 Oct 2022 22:48



Tgt Ion:149 Resp: 799868
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 52.030 ng
RT: 19.651 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

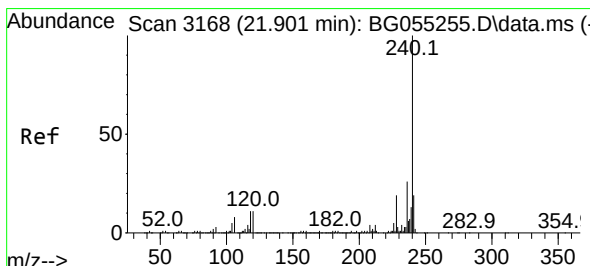
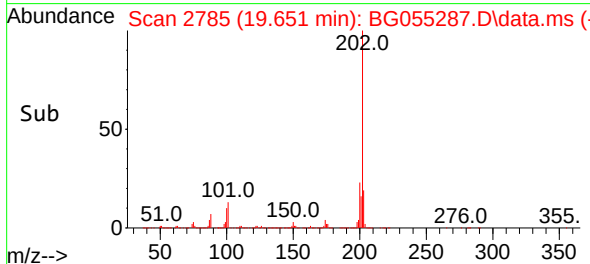
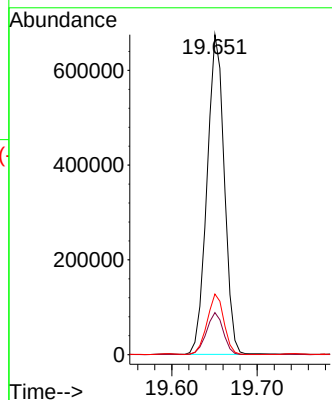
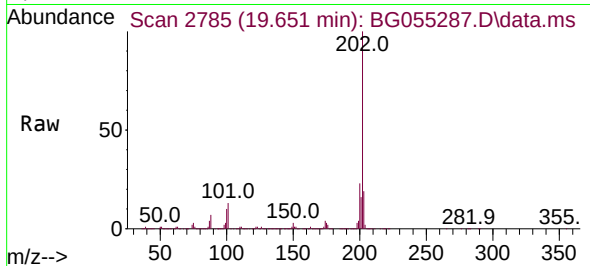
VNJ-221MSD

Tgt Ion:202 Resp: 949893
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.6
203 18.9 0.0 38.3

Manual Integrations

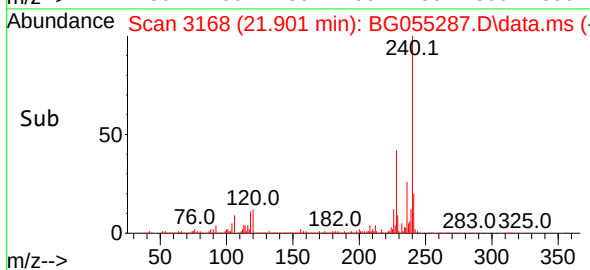
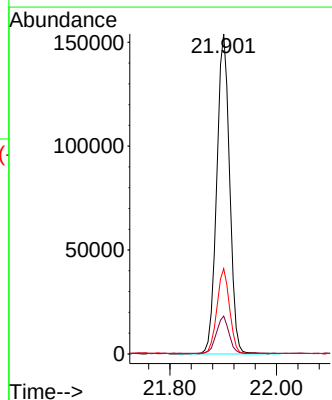
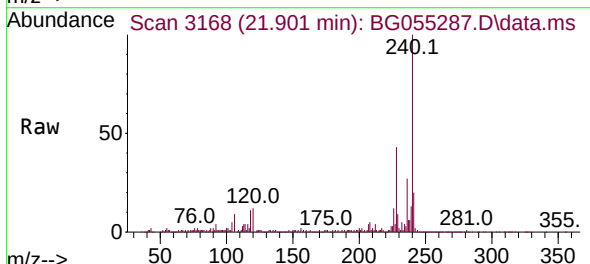
APPROVED

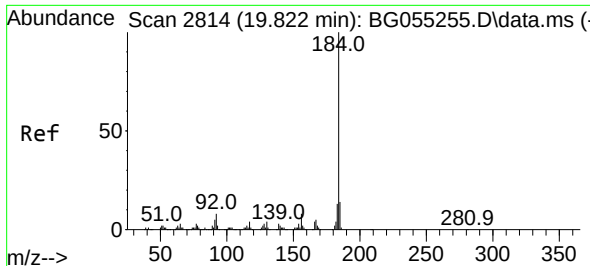
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

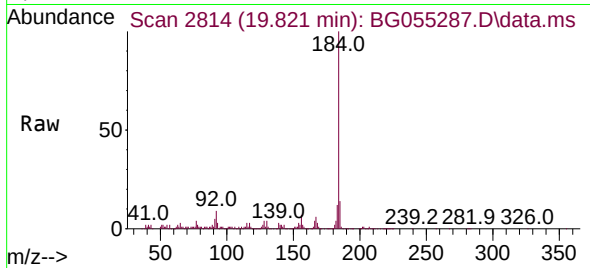
Tgt Ion:240 Resp: 258169
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.6 21.0 31.4





#77
Benzidine
Concen: 27.337 ng
RT: 19.821 min Scan# 2814
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

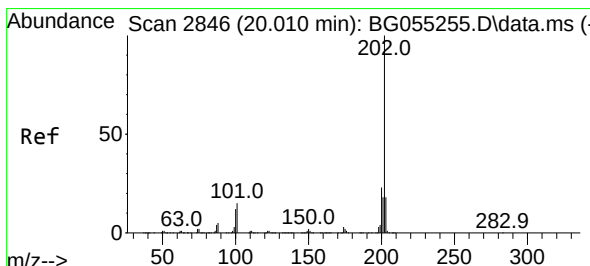
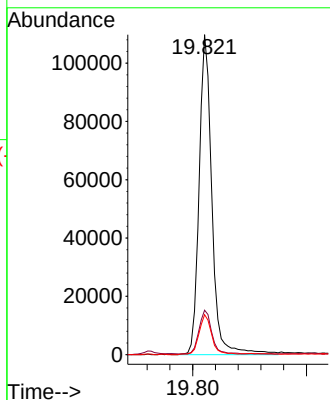
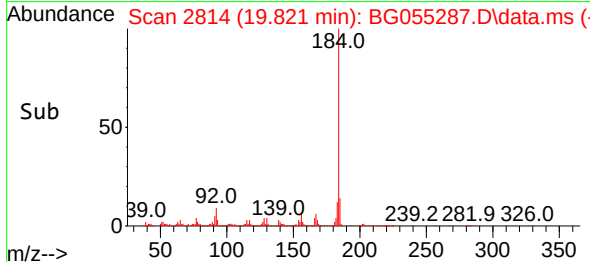
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



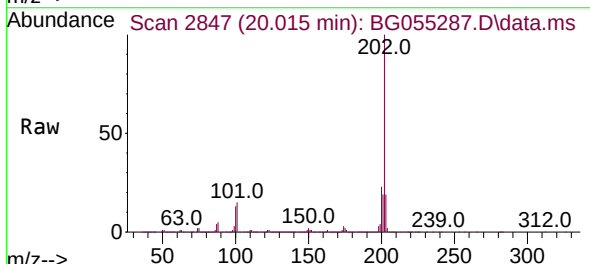
Tgt Ion:184 Resp: 170883
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.6
183 12.5 10.0 15.0

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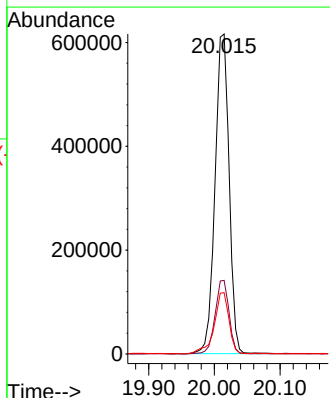
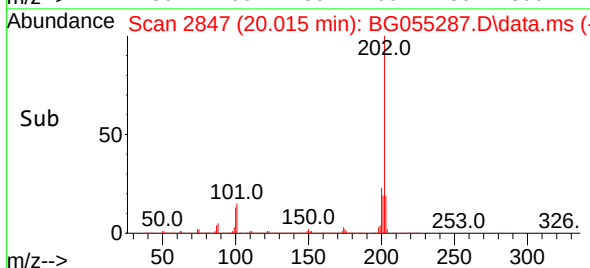
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

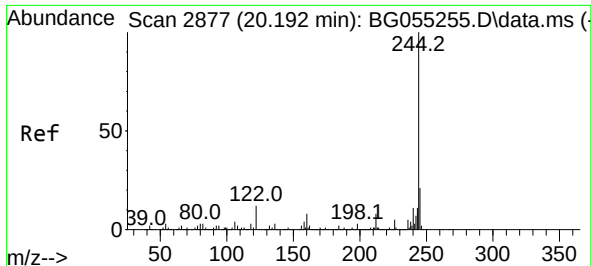


#78
Pyrene
Concen: 52.006 ng
RT: 20.015 min Scan# 2847
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:202 Resp: 920298
Ion Ratio Lower Upper
202 100
200 23.0 18.0 27.0
203 19.2 14.3 21.5





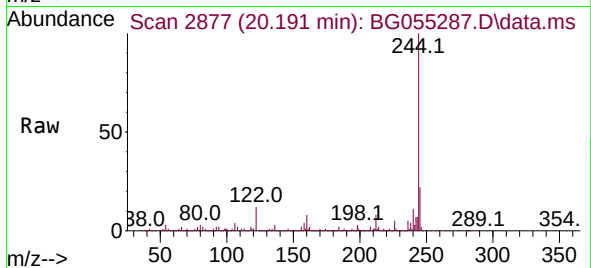
#79
 Terphenyl-d14
 Concen: 66.319 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.001 min
 Lab File: BG055287.D
 Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

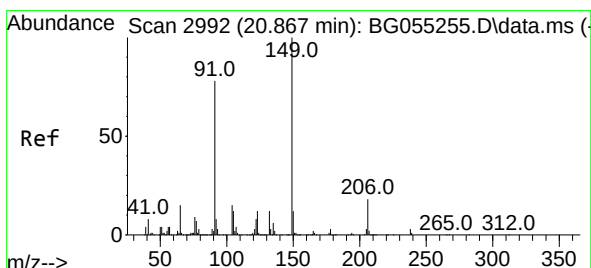
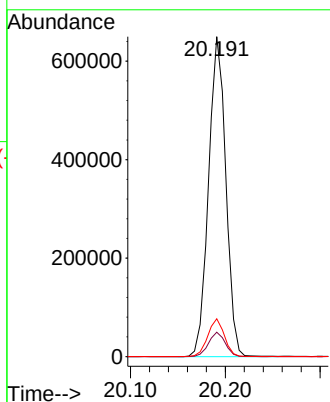
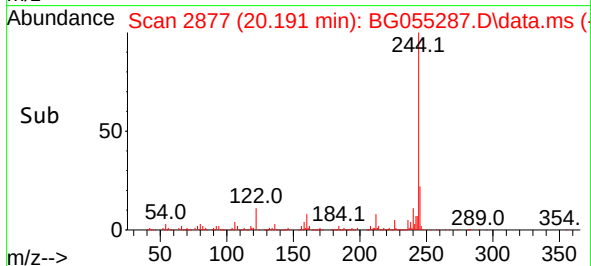


Tgt Ion:244 Resp: 824072
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.8 9.6 14.4

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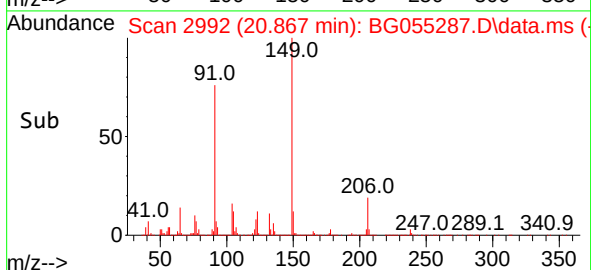
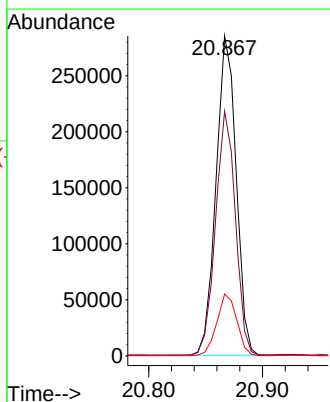
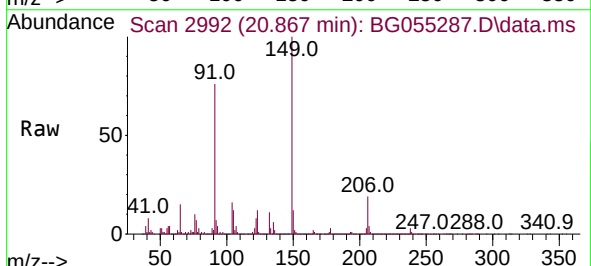
APPROVED

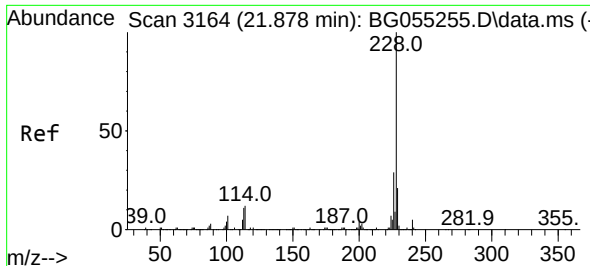
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022



#80
 Butylbenzylphthalate
 Concen: 41.926 ng
 RT: 20.867 min Scan# 2992
 Delta R.T. -0.000 min
 Lab File: BG055287.D
 Acq: 25 Oct 2022 22:48

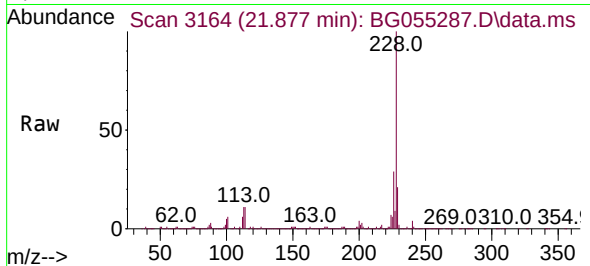
Tgt Ion:149 Resp: 350592
 Ion Ratio Lower Upper
 149 100
 91 76.5 62.2 93.4
 206 19.3 14.6 21.8





#81
Benzo(a)anthracene
Concen: 46.573 ng
RT: 21.877 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

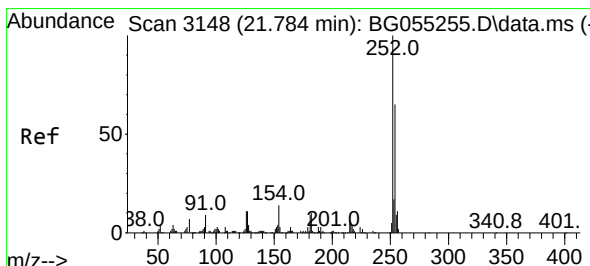
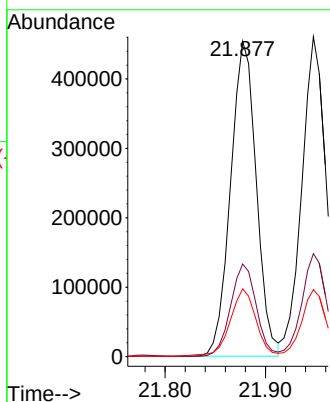
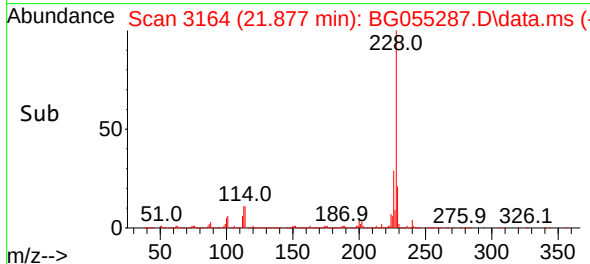
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



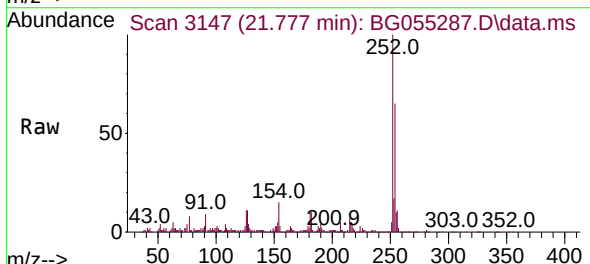
Tgt Ion:228 Resp: 807410
Ion Ratio Lower Upper
228 100
226 29.3 22.9 34.3
229 21.5 16.7 25.1

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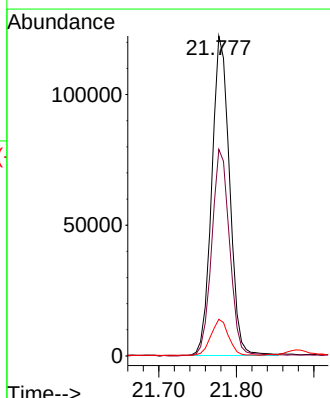
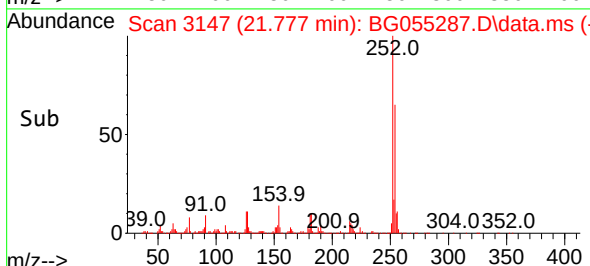
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

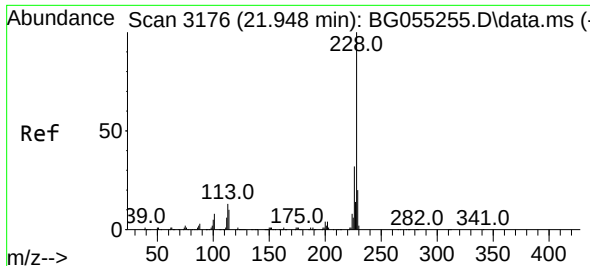


#82
3,3'-Dichlorobenzidine
Concen: 34.481 ng
RT: 21.777 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



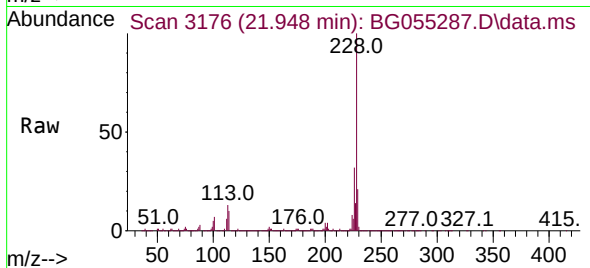
Tgt Ion:252 Resp: 194690
Ion Ratio Lower Upper
252 100
254 64.5 52.2 78.4
126 11.4 8.6 12.8





#83
Chrysene
Concen: 46.198 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

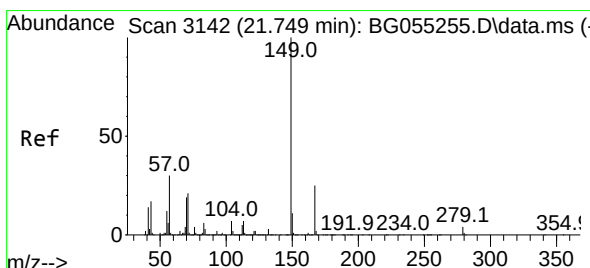
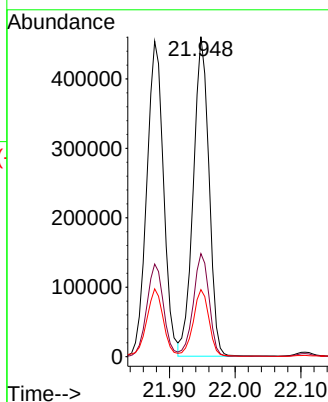
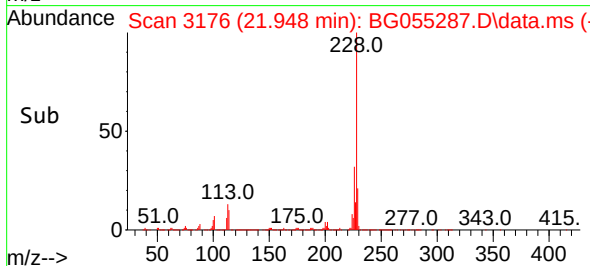
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



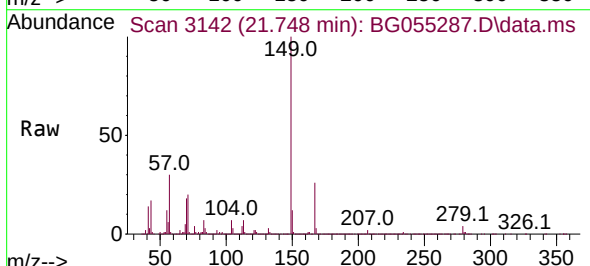
Tgt Ion:228 Resp: 760775
Ion Ratio Lower Upper
228 100
226 32.2 25.8 38.8
229 20.9 16.3 24.5

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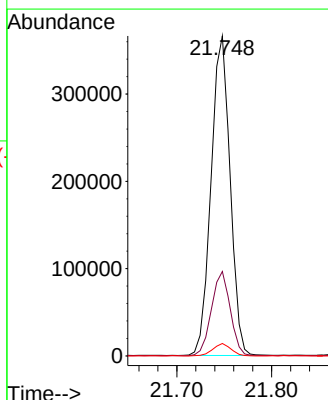
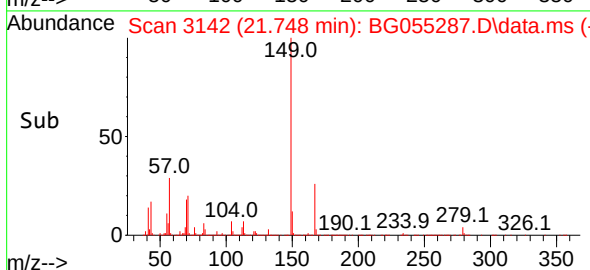
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

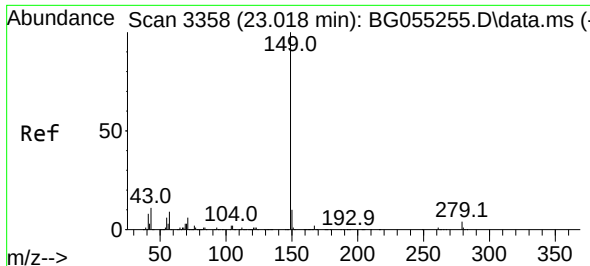


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.719 ng
RT: 21.748 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



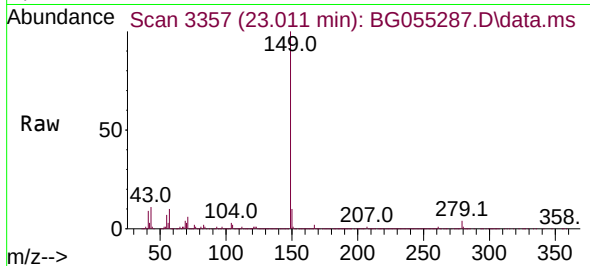
Tgt Ion:149 Resp: 510303
Ion Ratio Lower Upper
149 100
167 26.4 20.2 30.2
279 3.9 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 42.654 ng
RT: 23.011 min Scan# 3358
Delta R.T. -0.007 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

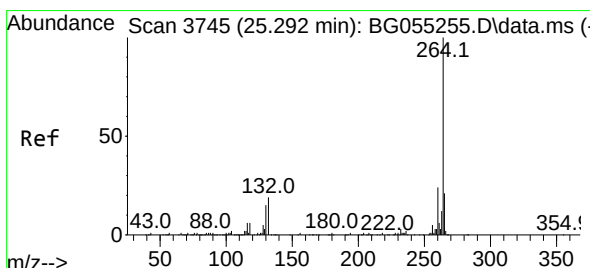
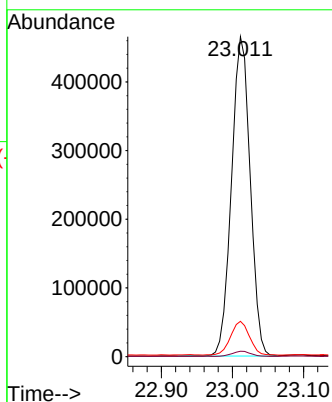
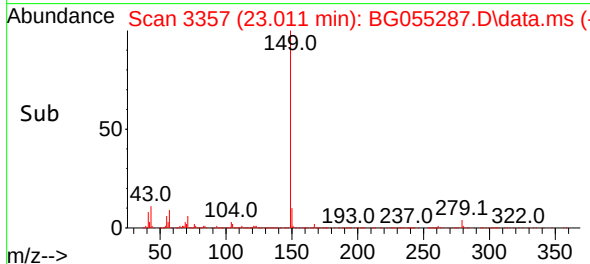
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



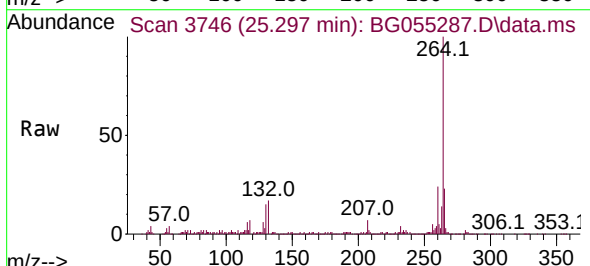
Tgt Ion:149 Resp: 84885
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.6 12.8

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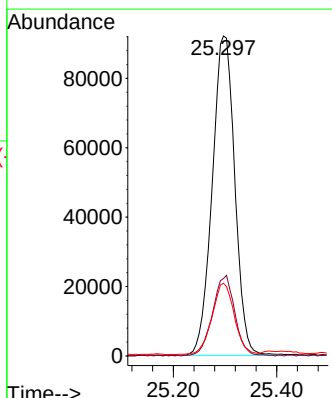
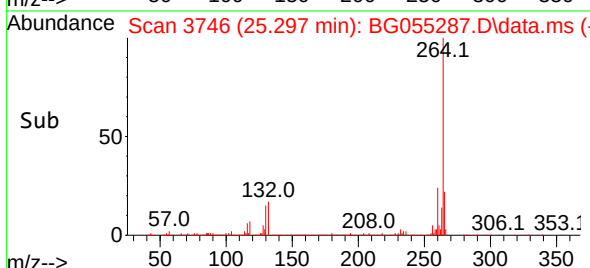
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

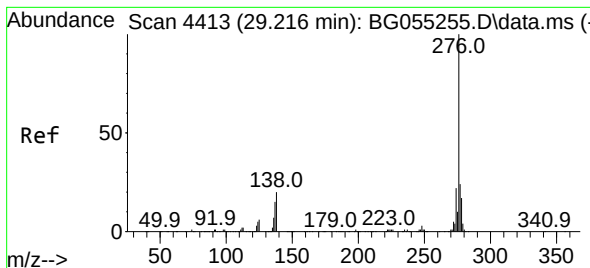


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.297 min Scan# 3746
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



Tgt Ion:264 Resp: 278718
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 22.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.151 ng

RT: 29.216 min Scan# 4413

Delta R.T. -0.001 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

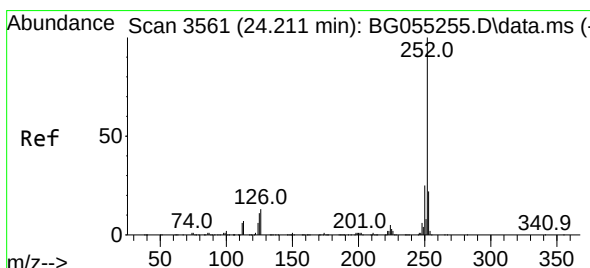
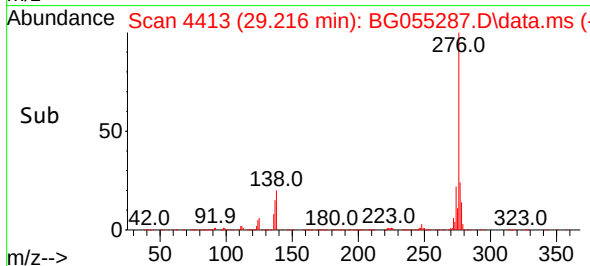
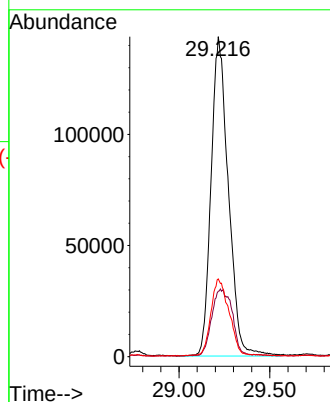
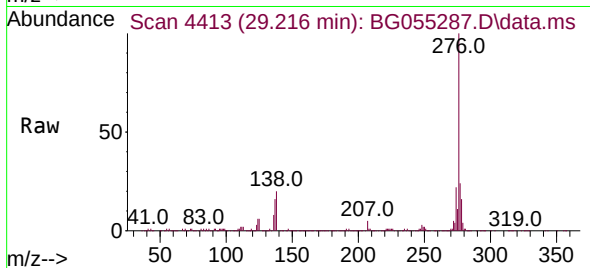
VNJ-221MSD

Tgt Ion:276 Resp: 950045
 Ion Ratio Lower Upper
 276 100
 138 24.6 13.9 20.9
 277 24.4 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022



#88

Benzo(b)fluoranthene

Concen: 53.688 ng

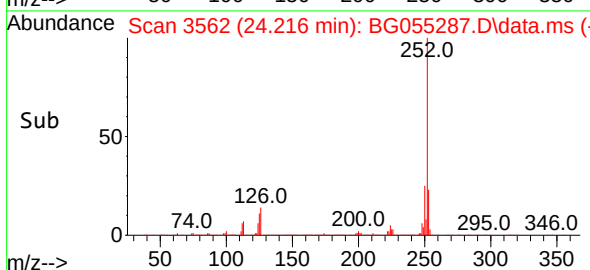
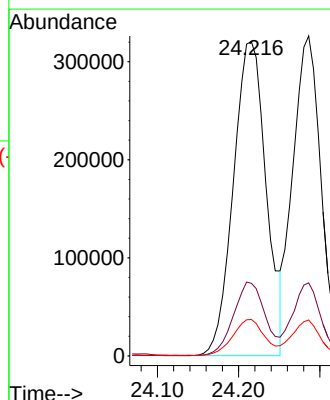
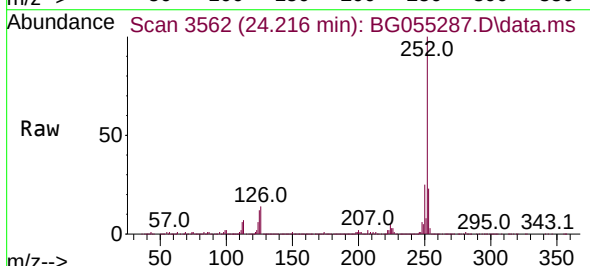
RT: 24.216 min Scan# 3562

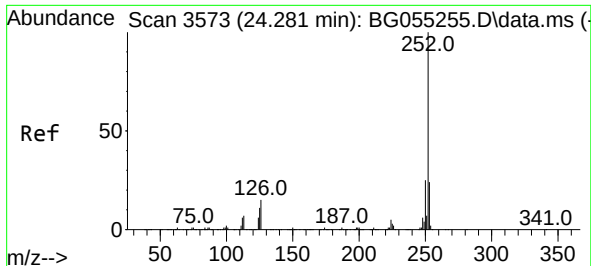
Delta R.T. 0.005 min

Lab File: BG055287.D

Acq: 25 Oct 2022 22:48

Tgt Ion:252 Resp: 900111
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.6 26.4
 125 11.6 9.0 13.4





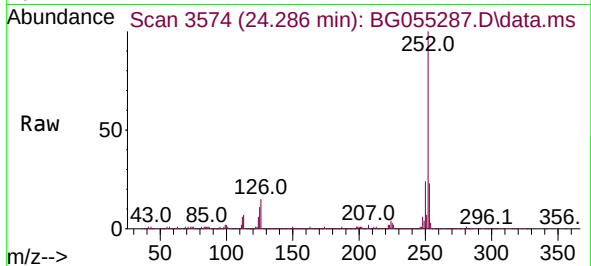
#89
Benzo(k)fluoranthene
Concen: 45.865 ng
RT: 24.286 min Scan# 3574
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Instrument :

BNA_G

ClientSampleId :

VNJ-221MSD

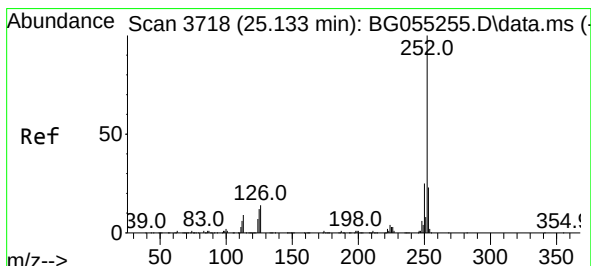
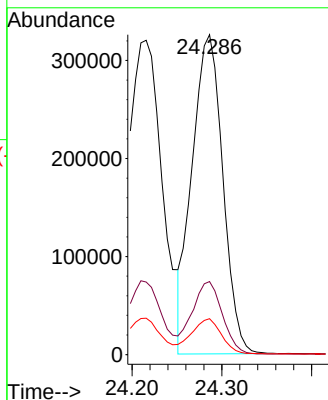
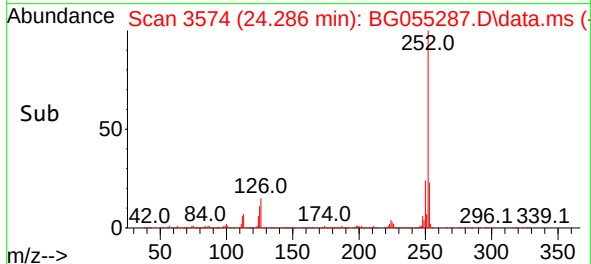


Tgt Ion:252 Resp: 776450
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 11.2 9.1 13.7

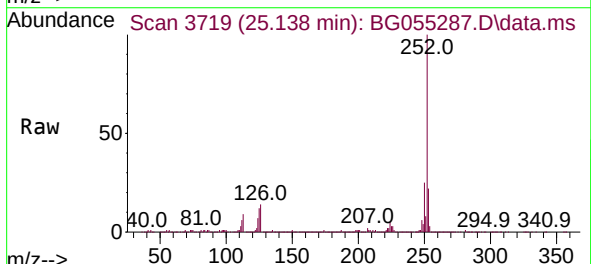
Manual Integrations

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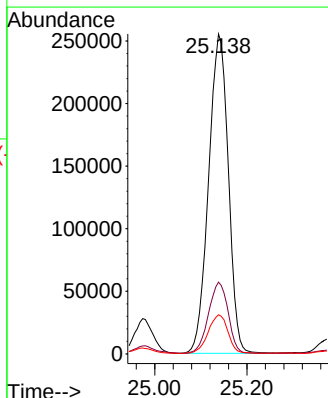
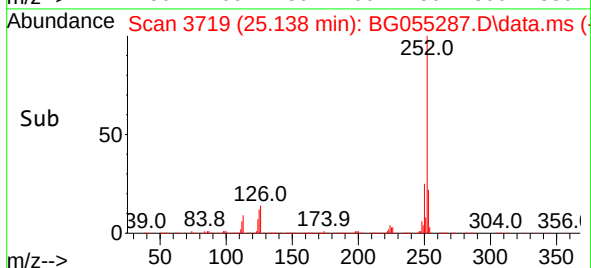
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

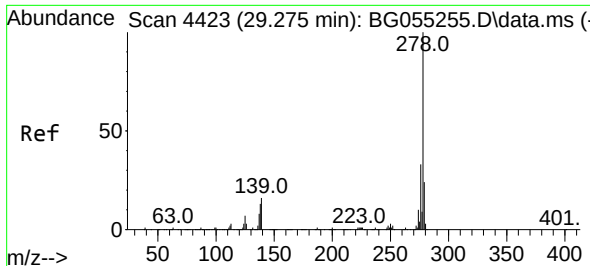


#90
Benzo(a)pyrene
Concen: 52.647 ng
RT: 25.138 min Scan# 3719
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48



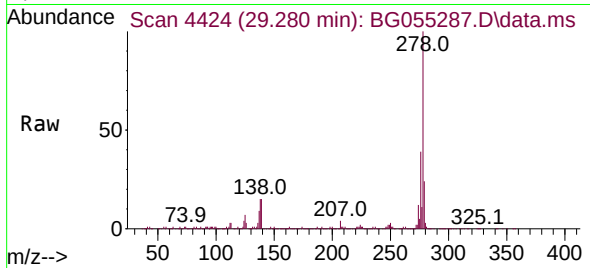
Tgt Ion:252 Resp: 756911
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.2 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 44.953 ng
RT: 29.280 min Scan# 4423
Delta R.T. 0.005 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

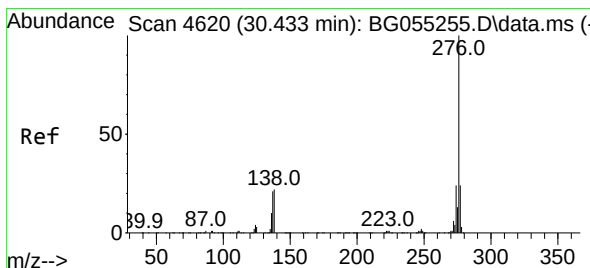
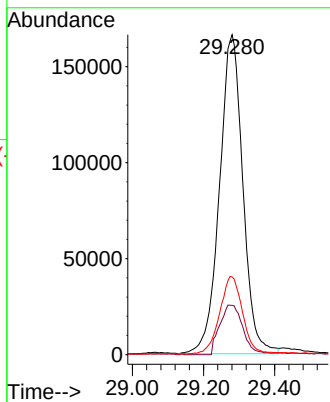
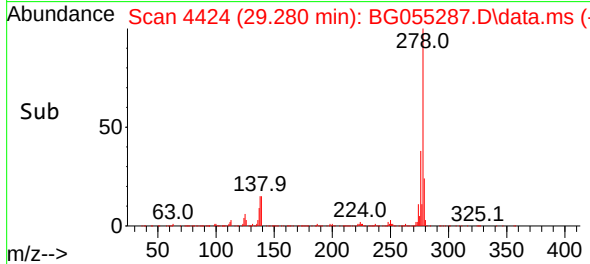
Instrument :
BNA_G
ClientSampleId :
VNJ-221MSD



Tgt Ion: 278 Resp: 759418
Ion Ratio Lower Upper
278 100
139 15.4 12.9 19.3
279 24.3 19.0 28.6

Manual Integrations
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Reviewed By : Christian Giraldo 11/02/2022
Supervised By : Jagrut Upadhyay 11/02/2022



#92
Benzo(g,h,i)perylene
Concen: 47.398 ng
RT: 30.450 min Scan# 4623
Delta R.T. 0.017 min
Lab File: BG055287.D
Acq: 25 Oct 2022 22:48

Tgt Ion: 276 Resp: 794209
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 21.5 17.2 25.8

