

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064092.D
 Acq On : 11 Mar 2025 12:34
 Operator : RC/JU
 Sample : Q1524-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-241MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 11 13:06:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	39195	20.000	ng	0.00
21) Naphthalene-d8	10.653	136	160691	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	107519	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	237040	20.000	ng	0.00
76) Chrysene-d12	21.463	240	233261	20.000	ng	0.00
86) Perylene-d12	24.477	264	259948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	276783	110.264	ng	0.00
7) Phenol-d6	7.033	99	368058	107.783	ng	0.00
23) Nitrobenzene-d5	9.019	82	246787	84.871	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	155934	130.472	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	515336	72.752	ng	0.00
79) Terphenyl-d14	19.848	244	847600	73.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.367	88	39520	34.739	ng	92
3) Pyridine	3.755	79	96584	34.910	ng	99
4) n-Nitrosodimethylamine	3.678	42	82283	41.626	ng	91
6) Aniline	7.192	93	74023	22.091	ng	95
8) 2-Chlorophenol	7.427	128	123033	45.636	ng	95
9) Benzaldehyde	7.004	77	42129	21.213	ng	91
10) Phenol	7.063	94	159529	45.629	ng	97
11) bis(2-Chloroethyl)ether	7.292	93	112869	41.178	ng	95
12) 1,3-Dichlorobenzene	7.756	146	124528	42.063	ng	99
13) 1,4-Dichlorobenzene	7.897	146	130015	42.846	ng	96
14) 1,2-Dichlorobenzene	8.214	146	124320	42.487	ng	98
15) Benzyl Alcohol	8.097	79	118988	45.092	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.385	45	257430	41.768	ng	100
17) 2-Methylphenol	8.302	107	106357	45.835	ng	96
18) Hexachloroethane	8.943	117	50722	47.775	ng	98
19) n-Nitroso-di-n-propyla...	8.667	70	99774	41.633	ng	95
20) 3+4-Methylphenols	8.631	107	143418	44.895	ng	93
22) Acetophenone	8.678	105	214115	48.598	ng	98
24) Nitrobenzene	9.054	77	149011	49.586	ng	96
25) Isophorone	9.583	82	264823	45.501	ng	# 95
26) 2-Nitrophenol	9.765	139	59577	55.361	ng	89
27) 2,4-Dimethylphenol	9.824	122	109226	62.602	ng	98
28) bis(2-Chloroethoxy)met...	10.065	93	151807	43.022	ng	95
29) 2,4-Dichlorophenol	10.300	162	109904	49.885	ng	95
30) 1,2,4-Trichlorobenzene	10.517	180	121376	45.637	ng	100
31) Naphthalene	10.700	128	382540	44.148	ng	99
32) Benzoic acid	9.983	122	93920m	56.697	ng	
33) 4-Chloroaniline	10.805	127	34687	10.953	ng	92
34) Hexachlorobutadiene	10.993	225	81925	46.995	ng	97
35) Caprolactam	11.569	113	42768m	50.656	ng	
36) 4-Chloro-3-methylphenol	11.933	107	138793	48.060	ng	99
37) 2-Methylnaphthalene	12.309	142	266863	43.626	ng	98
38) 1-Methylnaphthalene	12.527	142	264868	44.197	ng	99
40) 1,2,4,5-Tetrachloroben...	12.680	216	159651	52.011	ng	97
41) Hexachlorocyclopentadiene	12.668	237	178824	206.986	ng	95
43) 2,4,6-Trichlorophenol	12.915	196	98174	54.266	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064092.D
 Acq On : 11 Mar 2025 12:34
 Operator : RC/JU
 Sample : Q1524-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025

Quant Time: Mar 11 13:06:31 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M

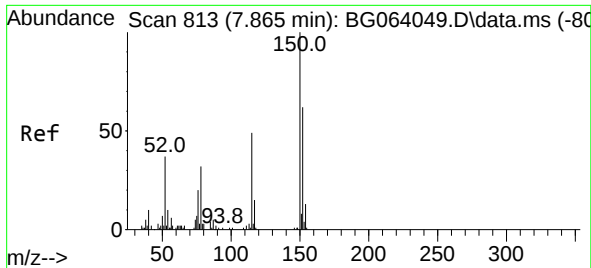
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 05 15:39:19 2025

Response via : Initial Calibration

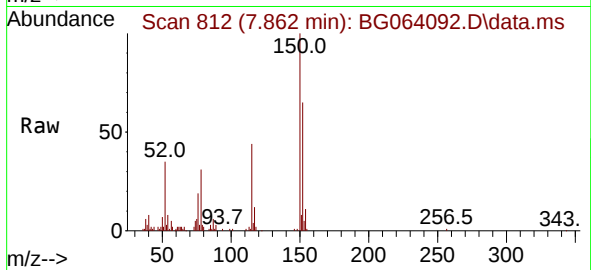
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	107343	53.400	ng	98
46) 1,1'-Biphenyl	13.326	154	414526	51.030	ng	99
47) 2-Chloronaphthalene	13.361	162	274065	46.260	ng	97
48) 2-Nitroaniline	13.561	65	102004	51.158	ng	97
49) Acenaphthylene	14.207	152	455993	48.661	ng	99
50) Dimethylphthalate	13.949	163	346968	43.716	ng	100
51) 2,6-Dinitrotoluene	14.060	165	73488	45.805	ng	94
52) Acenaphthene	14.554	154	288048	45.803	ng	98
53) 3-Nitroaniline	14.383	138	38048	24.804	ng	94
54) 2,4-Dinitrophenol	14.595	184	92660	132.308	ng	# 83
55) Dibenzofuran	14.889	168	445755	43.753	ng	98
56) 4-Nitrophenol	14.701	139	146708	114.038	ng	94
57) 2,4-Dinitrotoluene	14.848	165	110792	49.726	ng	# 97
58) Fluorene	15.535	166	357656	45.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.112	232	104223m	53.183	ng	
60) Diethylphthalate	15.318	149	373637	43.365	ng	98
61) 4-Chlorophenyl-phenyle...	15.529	204	170283	43.184	ng	91
62) 4-Nitroaniline	15.553	138	79774	48.169	ng	94
63) Azobenzene	15.823	77	418658	45.535	ng	97
65) 4,6-Dinitro-2-methylph...	15.611	198	60354	57.074	ng	95
66) n-Nitrosodiphenylamine	15.747	169	317154	47.268	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	117648	48.460	ng	95
68) Hexachlorobenzene	16.540	284	126317	46.475	ng	97
69) Atrazine	16.698	200	136521	69.153	ng	96
70) Pentachlorophenol	16.881	266	187939	111.368	ng	100
71) Phenanthrene	17.274	178	675251	53.408	ng	97
72) Anthracene	17.362	178	616012	48.999	ng	98
73) Carbazole	17.627	167	557030	47.456	ng	99
74) Di-n-butylphthalate	18.202	149	662348	47.938	ng	99
75) Fluoranthene	19.284	202	866951	56.878	ng	97
77) Benzidine	19.466	184	200679	62.130	ng	98
78) Pyrene	19.642	202	867448	57.690	ng	99
80) Butylbenzylphthalate	20.541	149	296430	52.193	ng	95
81) Benzo(a)anthracene	21.446	228	790467	52.902	ng	98
82) 3,3'-Dichlorobenzidine	21.363	252	120757	24.972	ng	100
83) Chrysene	21.504	228	771266	51.753	ng	99
84) Bis(2-ethylhexyl)phtha...	21.375	149	450435	55.741	ng	97
85) Di-n-octyl phthalate	22.521	149	767109	55.036	ng	100
87) Indeno(1,2,3-cd)pyrene	27.885	276	930176	53.481	ng	99
88) Benzo(b)fluoranthene	23.526	252	849260	54.042	ng	98
89) Benzo(k)fluoranthene	23.596	252	775418	49.186	ng	99
90) Benzo(a)pyrene	24.336	252	755131	53.955	ng	98
91) Dibenzo(a,h)anthracene	27.944	278	704145	48.834	ng	98
92) Benzo(g,h,i)perylene	28.949	276	727372	49.133	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

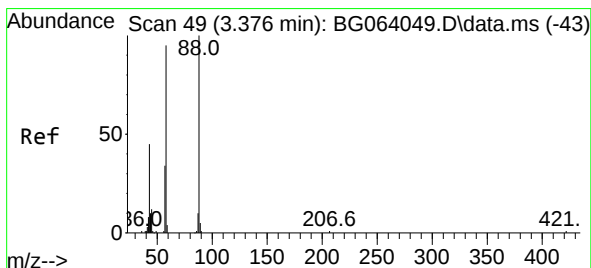
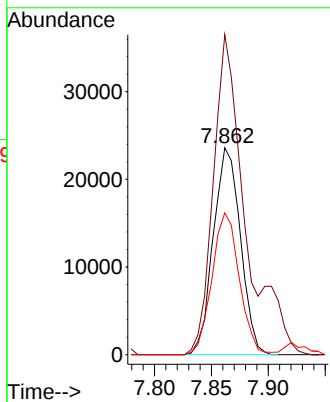
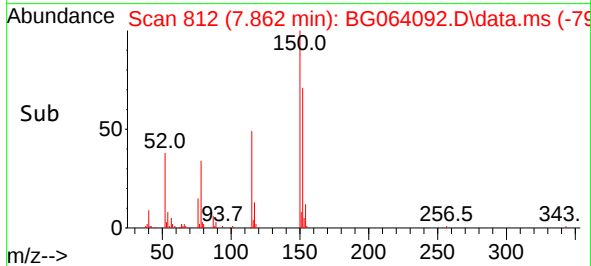
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:152 Resp: 3919
Ion Ratio Lower Upper
152 100
150 154.7 129.2 193.8
115 68.6 63.0 94.6

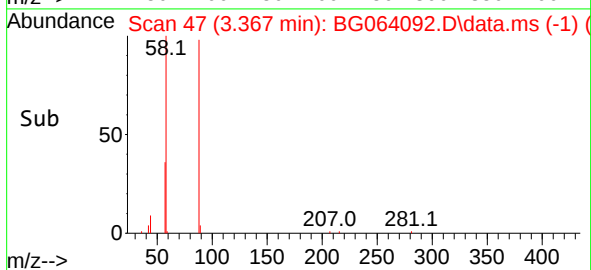
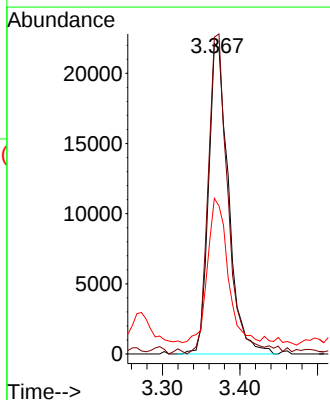
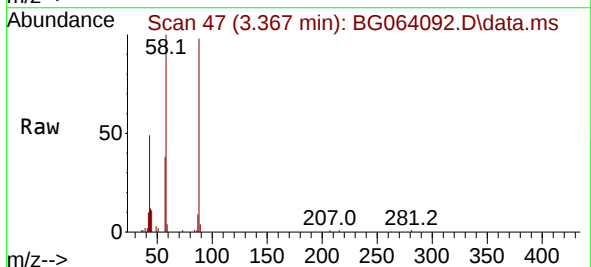
Manual Integrations
APPROVED

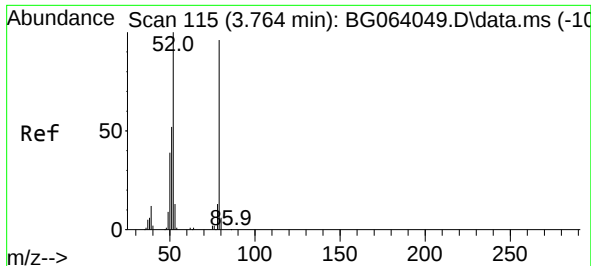
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#2
1,4-Dioxane
Concen: 34.739 ng
RT: 3.367 min Scan# 47
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

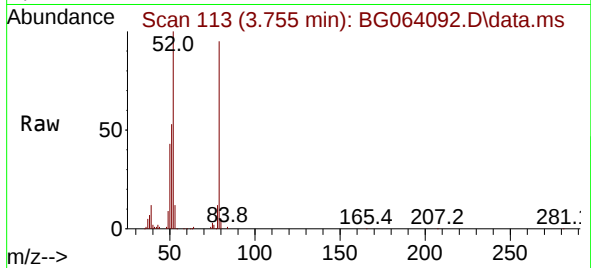
Tgt Ion: 88 Resp: 39520
Ion Ratio Lower Upper
88 100
58 102.7 74.6 111.8
43 46.7 35.5 53.3





#3
Pyridine
Concen: 34.910 ng
RT: 3.755 min Scan# 115
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

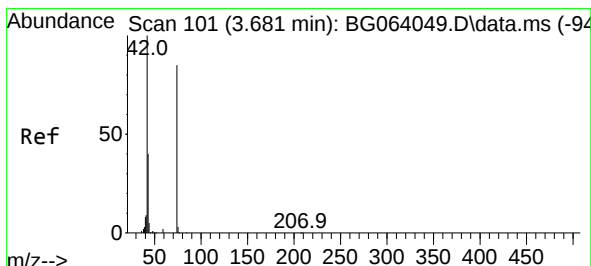
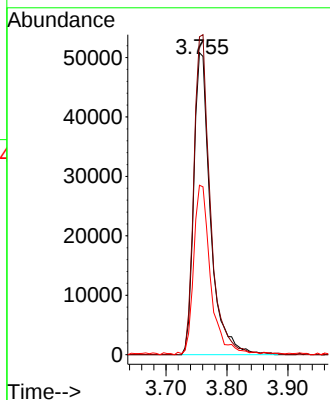
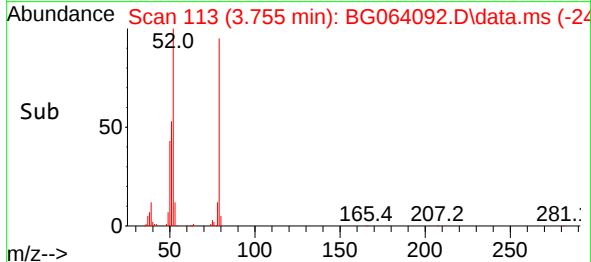
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion: 79 Resp: 96584
Ion Ratio Lower Upper
79 100
52 105.3 83.0 124.6
51 56.1 44.3 66.5

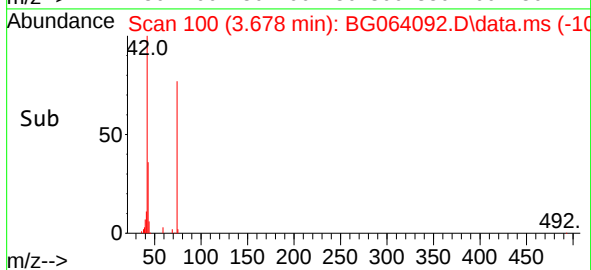
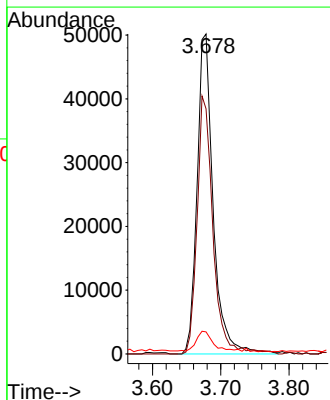
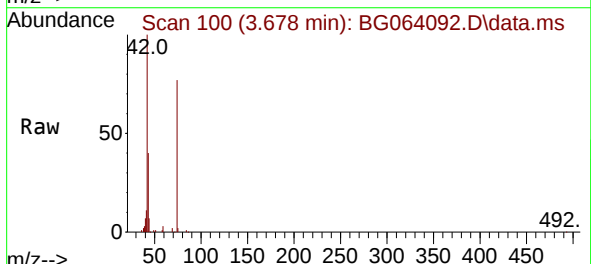
Manual Integrations
APPROVED

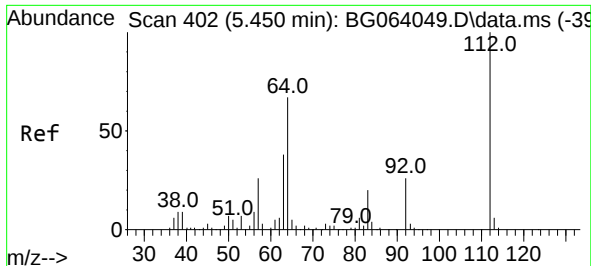
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#4
n-Nitrosodimethylamine
Concen: 41.626 ng
RT: 3.678 min Scan# 100
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 42 Resp: 82283
Ion Ratio Lower Upper
42 100
74 76.6 68.0 102.0
44 6.9 4.9 7.3





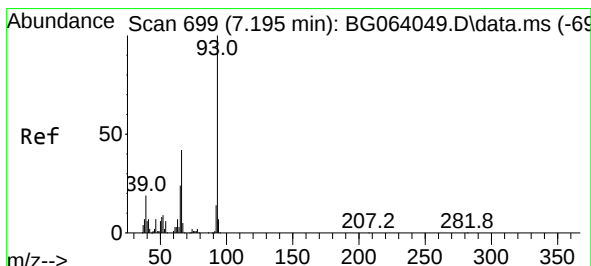
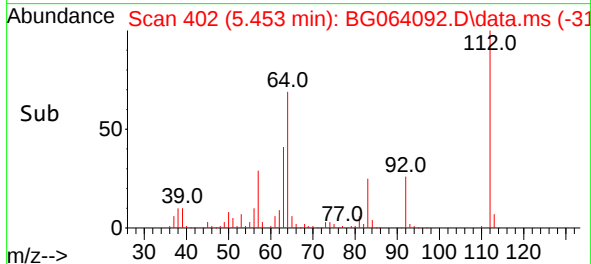
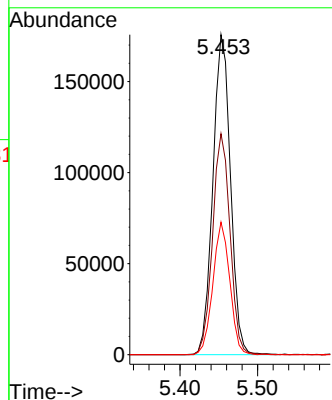
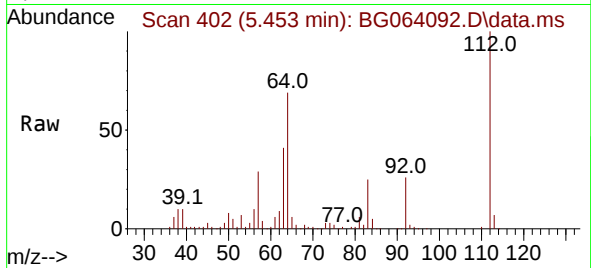
#5
2-Fluorophenol
Concen: 110.264 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD

Tgt Ion:112 Resp: 27678
Ion Ratio Lower Upper
112 100
64 69.0 53.7 80.5
63 41.4 30.2 45.4

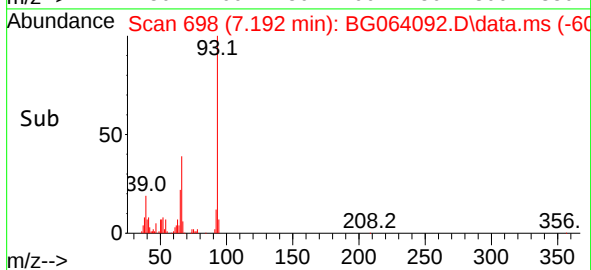
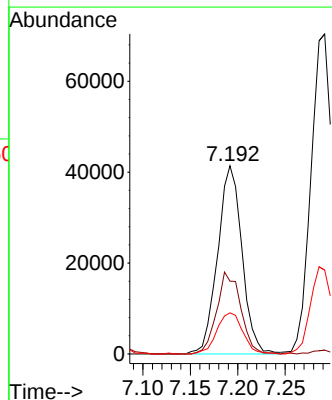
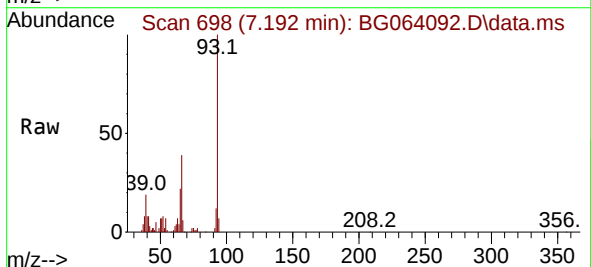
Manual Integrations
APPROVED

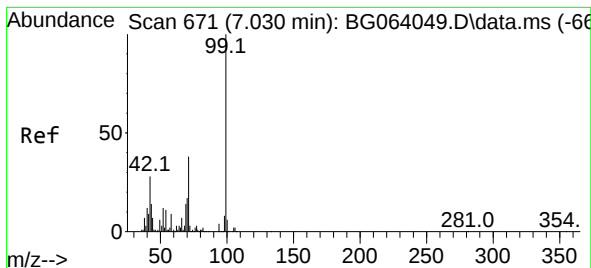
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#6
Aniline
Concen: 22.091 ng
RT: 7.192 min Scan# 698
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

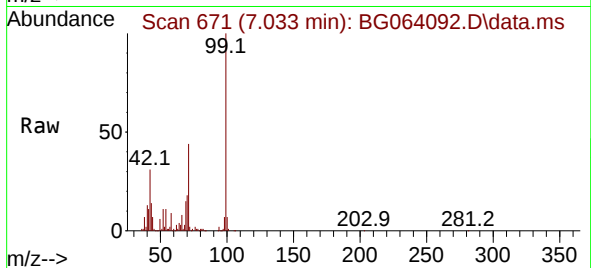
Tgt Ion: 93 Resp: 74023
Ion Ratio Lower Upper
93 100
66 38.7 33.7 50.5
65 21.9 19.1 28.7





#7
Phenol-d6
Concen: 107.783 ng
RT: 7.033 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

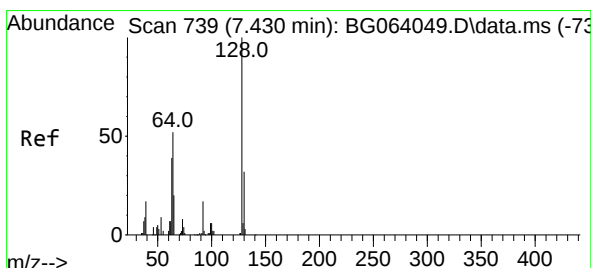
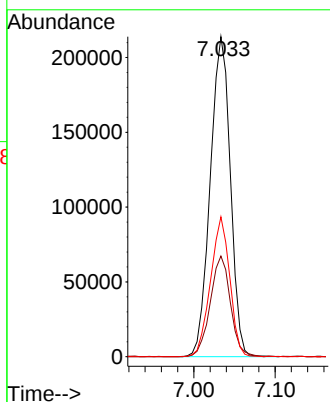
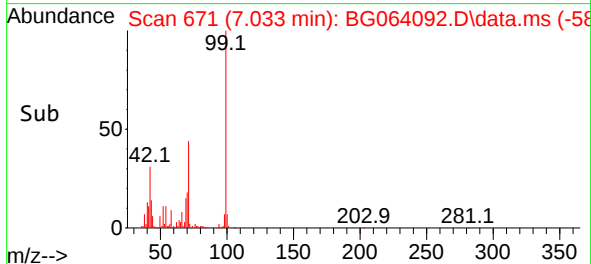
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



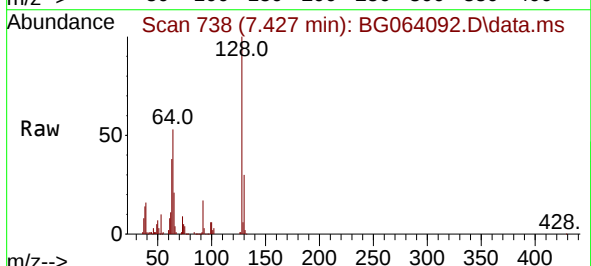
Tgt Ion: 99 Resp: 368058
Ion Ratio Lower Upper
99 100
42 31.5 22.7 34.1
71 43.7 30.6 46.0

Manual Integrations
APPROVED

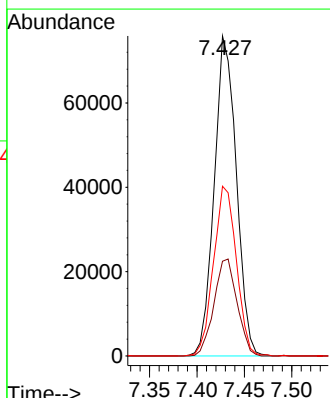
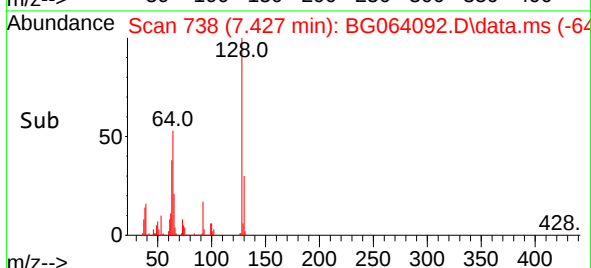
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

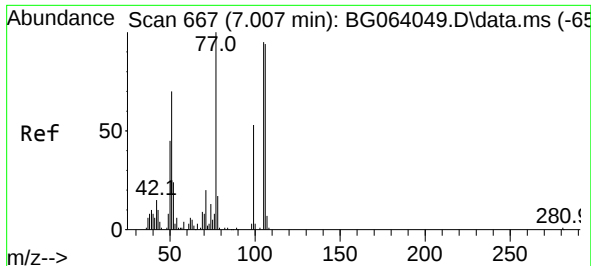


#8
2-Chlorophenol
Concen: 45.636 ng
RT: 7.427 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



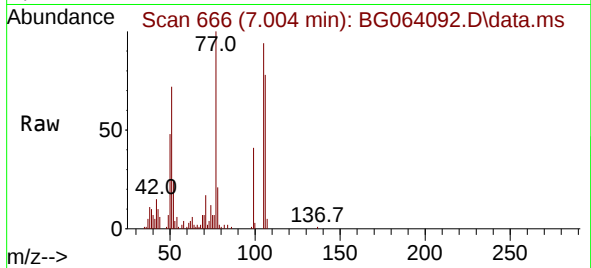
Tgt Ion:128 Resp: 123033
Ion Ratio Lower Upper
128 100
130 29.6 12.3 52.3
64 53.1 37.0 77.0





#9
Benzaldehyde
Concen: 21.213 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

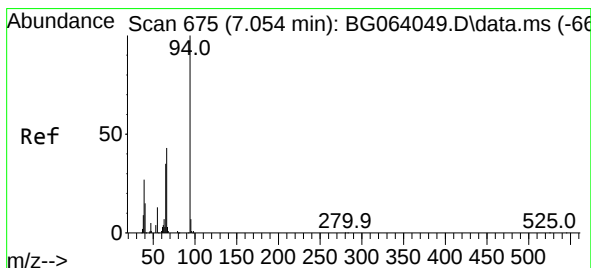
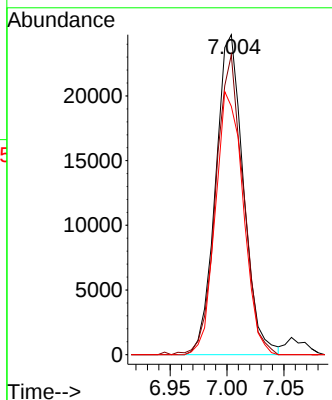
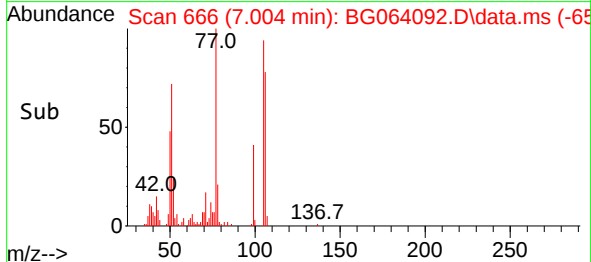
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



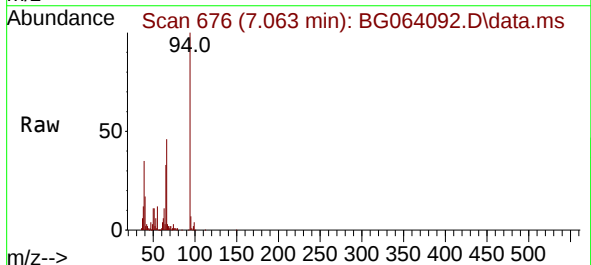
Tgt Ion: 77 Resp: 42129
Ion Ratio Lower Upper
77 100
105 93.7 75.5 115.5
106 77.6 74.2 114.2

Manual Integrations
APPROVED

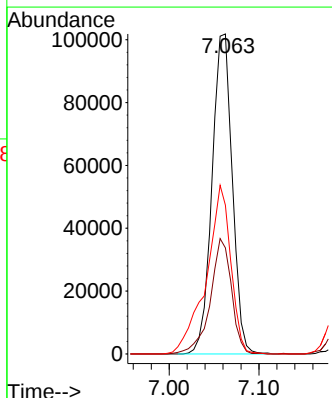
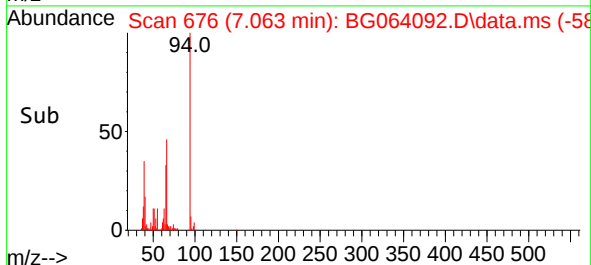
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

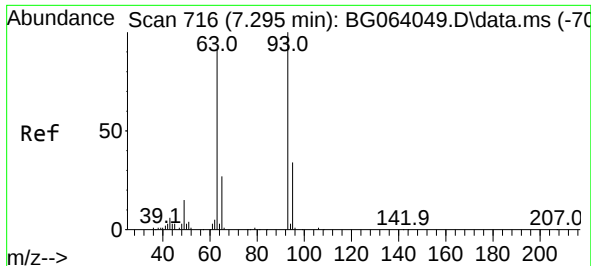


#10
Phenol
Concen: 45.629 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



Tgt Ion: 94 Resp: 159529
Ion Ratio Lower Upper
94 100
65 33.2 15.2 55.2
66 46.5 25.1 65.1





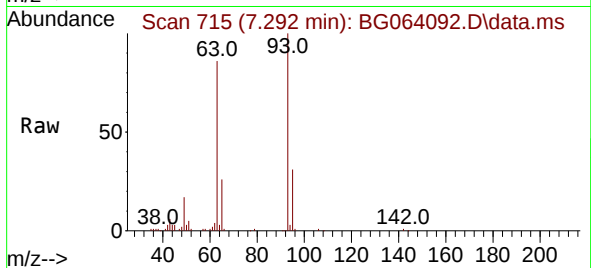
#11
bis(2-Chloroethyl)ether
Concen: 41.178 ng
RT: 7.292 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

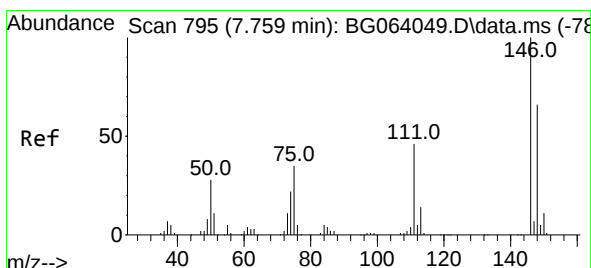
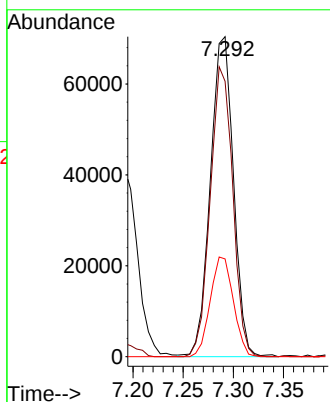
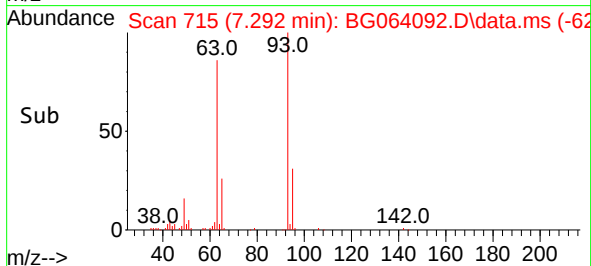
VNJ-241MSD



Tgt Ion: 93 Resp: 112869
Ion Ratio Lower Upper
93 100
63 86.1 70.0 110.0
95 30.6 13.7 53.7

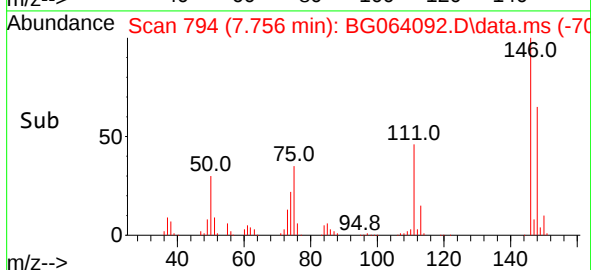
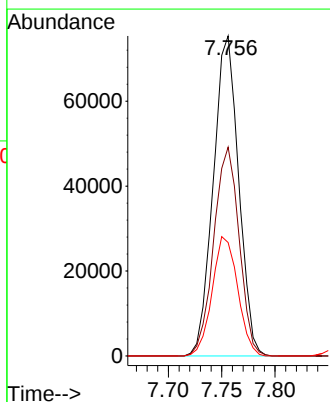
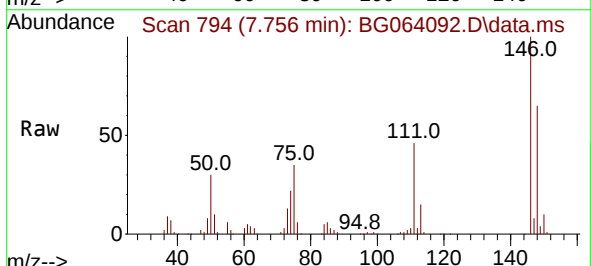
Manual Integrations
APPROVED

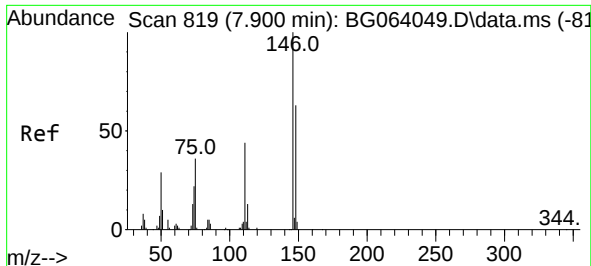
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#12
1,3-Dichlorobenzene
Concen: 42.063 ng
RT: 7.756 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

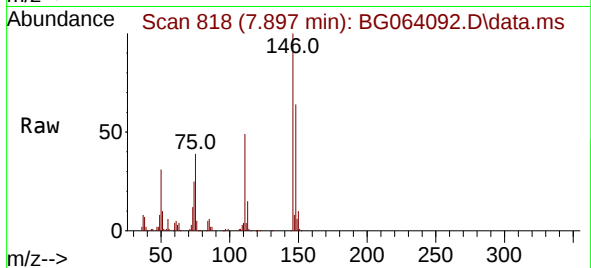
Tgt Ion:146 Resp: 124528
Ion Ratio Lower Upper
146 100
148 65.3 52.6 78.8
75 35.4 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 42.846 ng
RT: 7.897 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

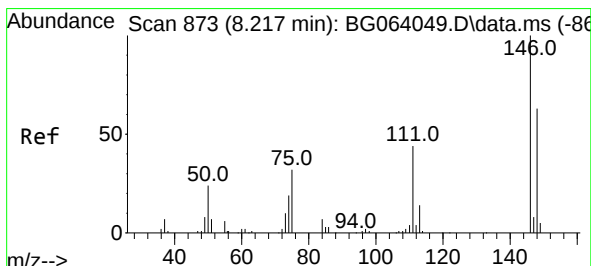
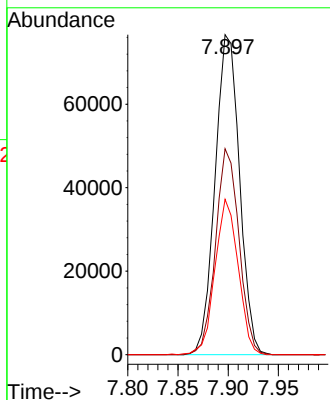
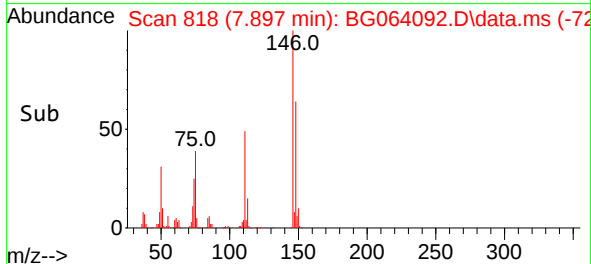
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



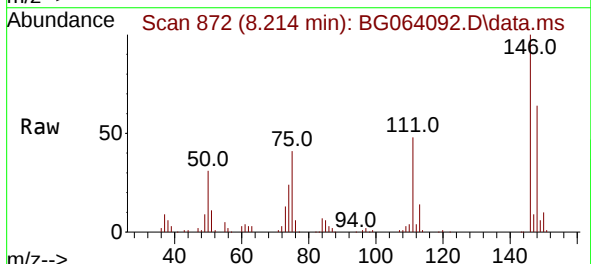
Tgt Ion:146 Resp: 130015
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 48.6 35.1 52.7

Manual Integrations
APPROVED

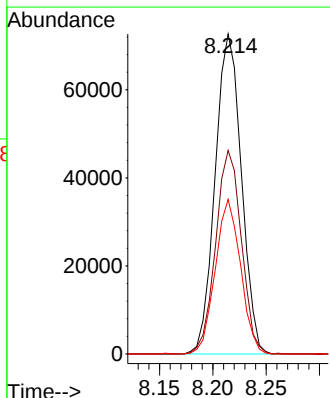
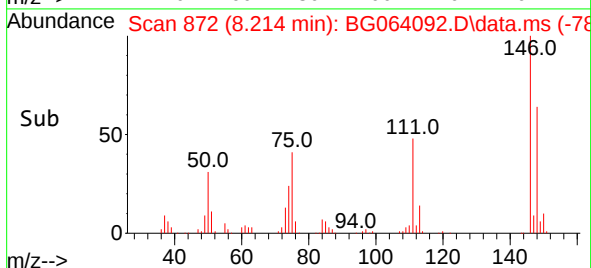
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

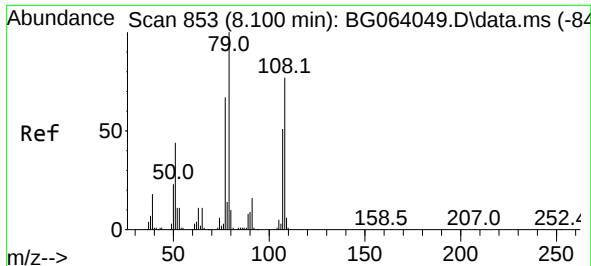


#14
1,2-Dichlorobenzene
Concen: 42.487 ng
RT: 8.214 min Scan# 872
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



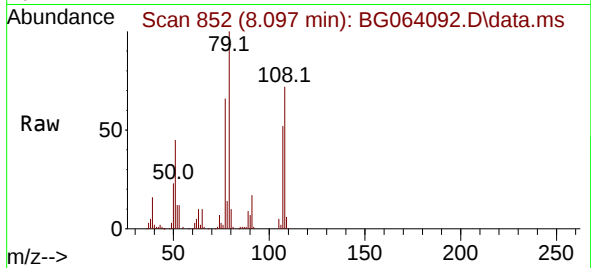
Tgt Ion:146 Resp: 124320
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 48.3 36.4 54.6





#15
Benzyl Alcohol
Concen: 45.092 ng
RT: 8.097 min Scan# 853
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

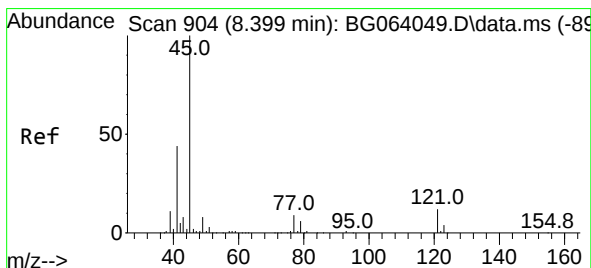
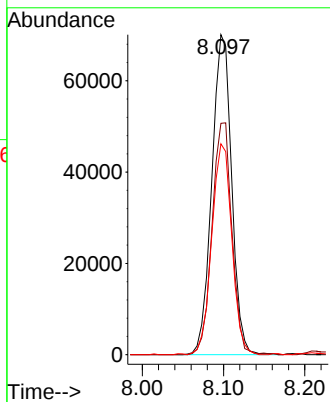
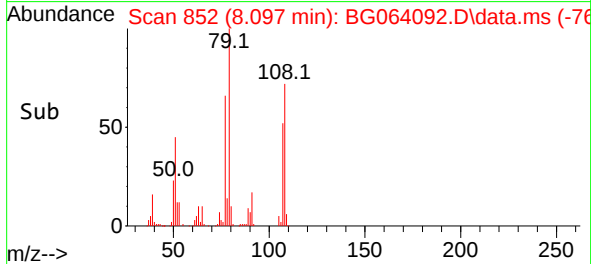
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion: 79 Resp: 11898
Ion Ratio Lower Upper
79 100
108 72.3 61.7 92.5
77 65.9 53.9 80.9

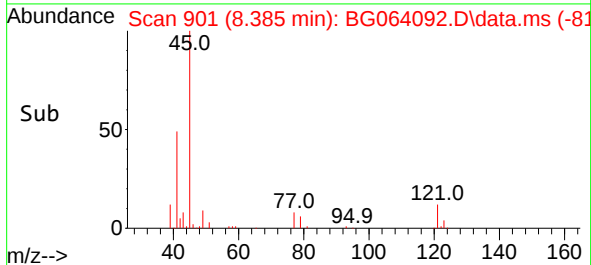
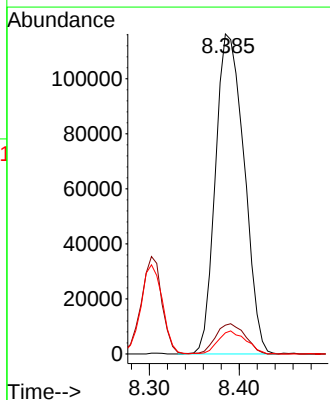
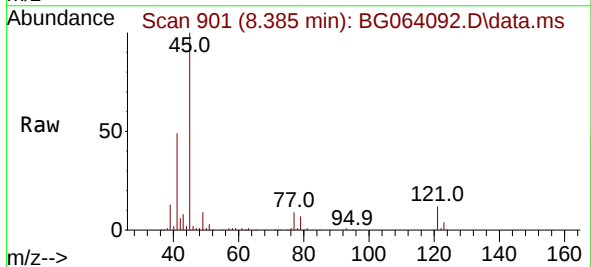
Manual Integrations
APPROVED

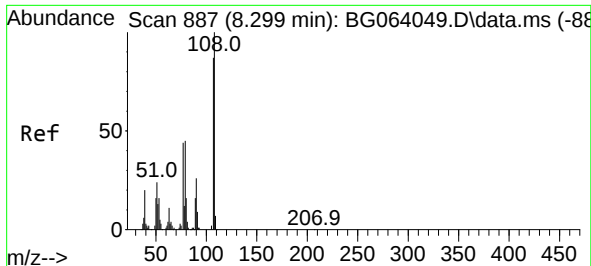
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.768 ng
RT: 8.385 min Scan# 901
Delta R.T. -0.015 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 45 Resp: 257430
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.6 0.0 26.6





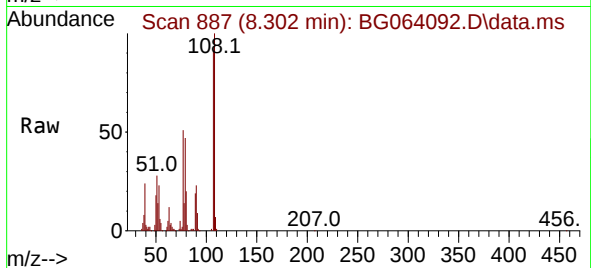
#17
2-Methylphenol
Concen: 45.835 ng
RT: 8.302 min Scan# 887
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

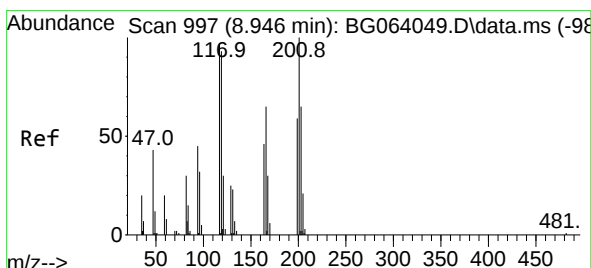
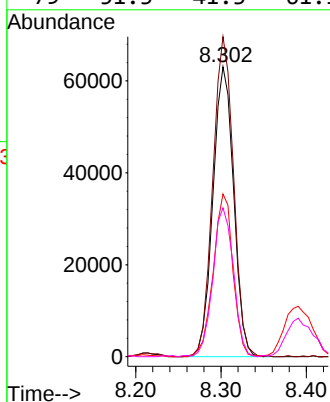
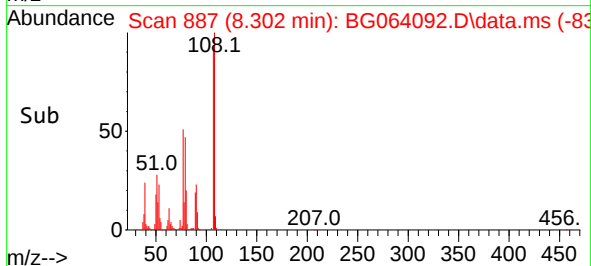


Tgt Ion:107 Resp: 10635
Ion Ratio Lower Upper
107 100
108 110.4 92.5 138.7
77 56.1 40.5 60.7
79 51.3 41.3 61.9

Manual Integrations

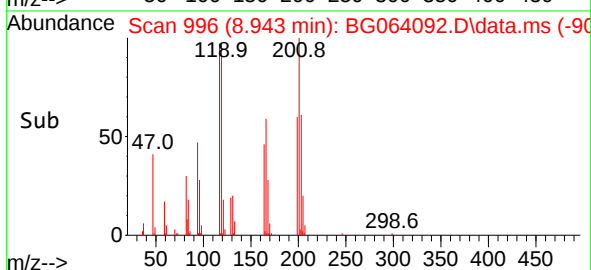
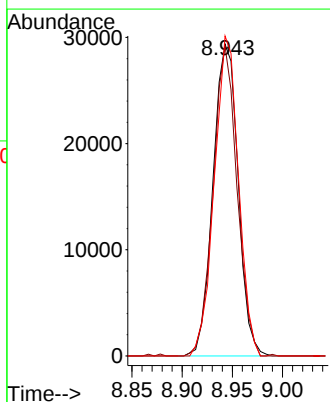
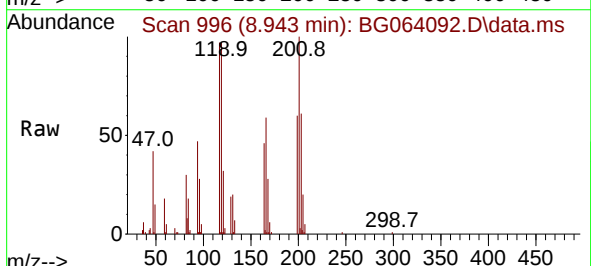
APPROVED

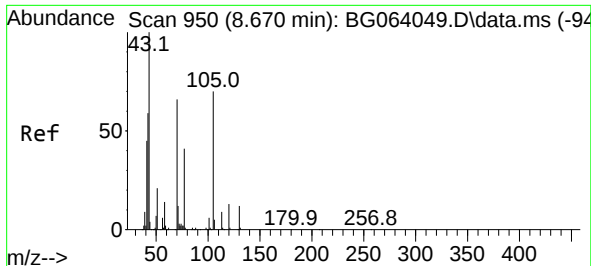
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#18
Hexachloroethane
Concen: 47.775 ng
RT: 8.943 min Scan# 996
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

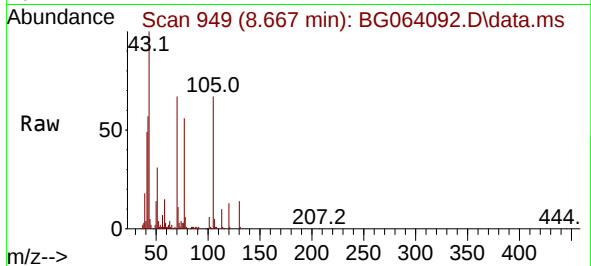
Tgt Ion:117 Resp: 50722
Ion Ratio Lower Upper
117 100
119 99.3 76.2 114.2
201 102.6 81.5 122.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.633 ng
RT: 8.667 min Scan# 949
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

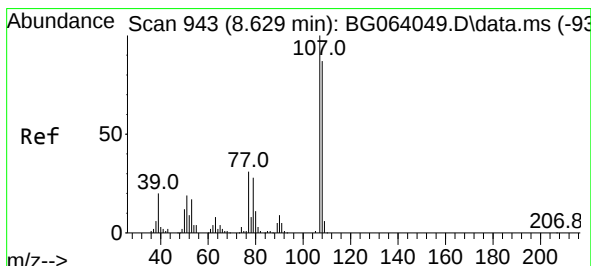
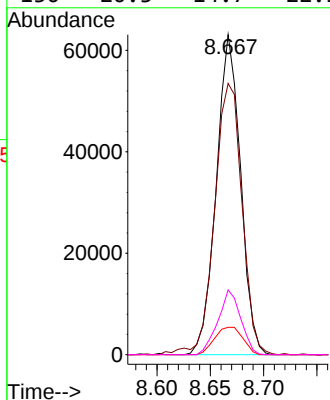
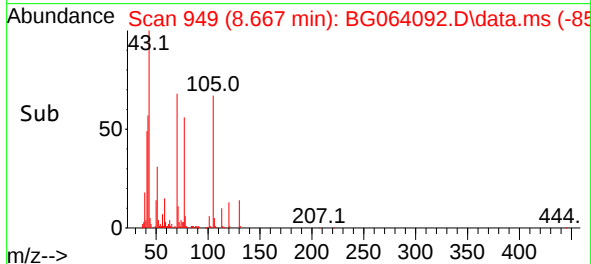
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion: 70 Resp: 99774
Ion Ratio Lower Upper
70 100
42 84.8 72.1 108.1
101 8.6 7.2 10.8
130 20.3 14.7 22.1

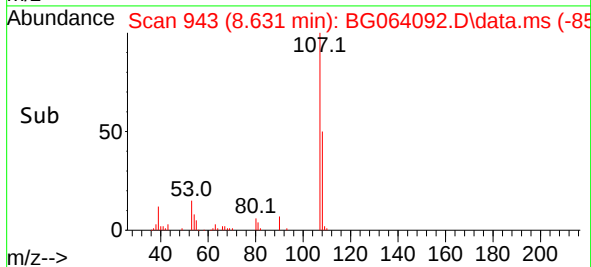
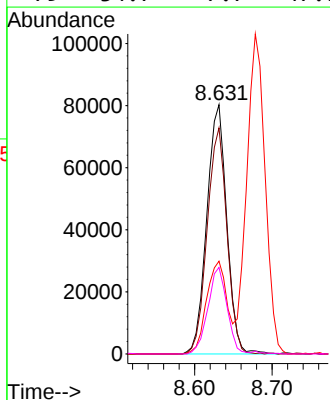
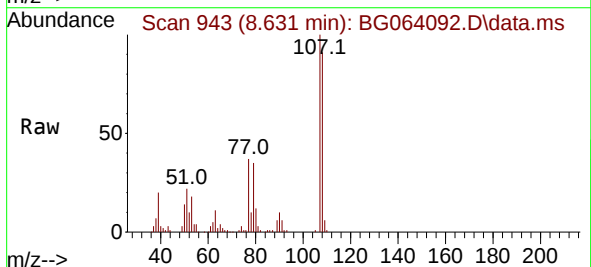
Manual Integrations
APPROVED

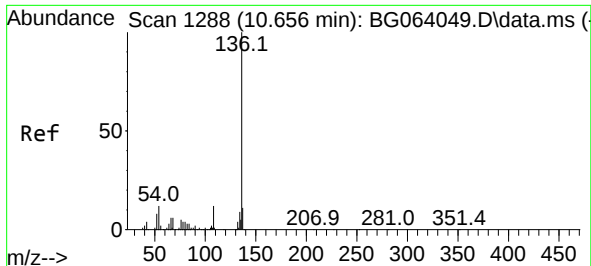
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#20
3+4-Methylphenols
Concen: 44.895 ng
RT: 8.631 min Scan# 943
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

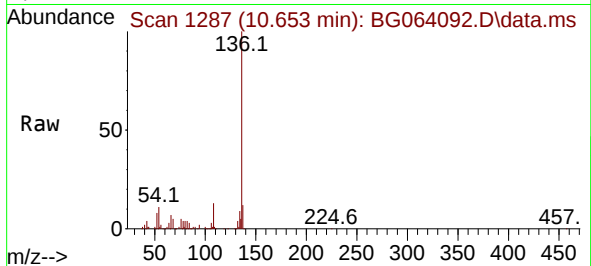
Tgt Ion:107 Resp: 143418
Ion Ratio Lower Upper
107 100
108 90.7 67.0 107.0
77 37.2 11.2 51.2
79 34.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.653 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD

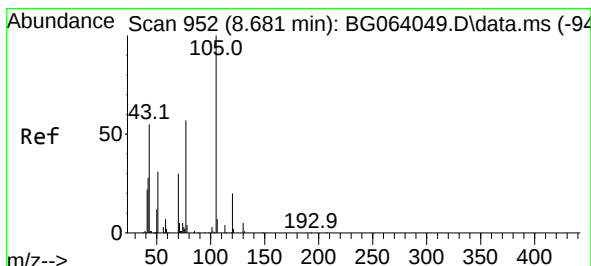
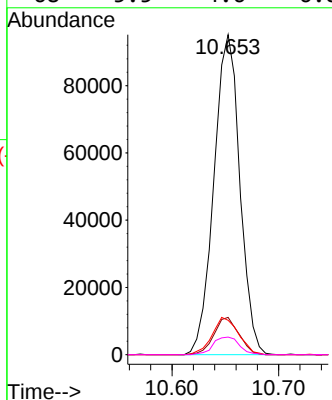
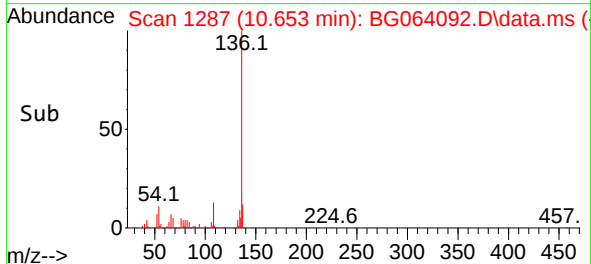


Tgt Ion:136 Resp: 16069

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	10.7	9.9	14.9
68	5.5	4.6	6.8

Manual Integrations
APPROVED

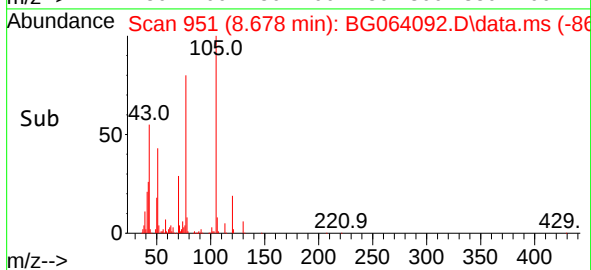
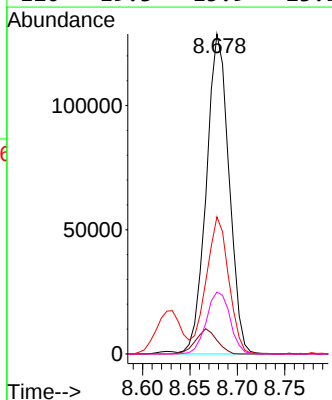
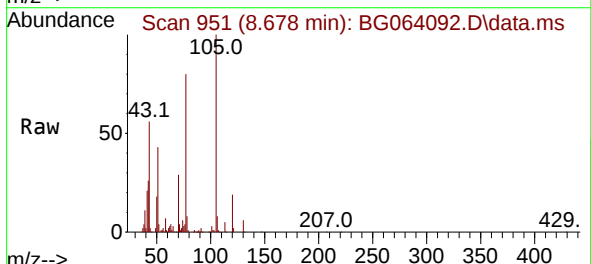
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

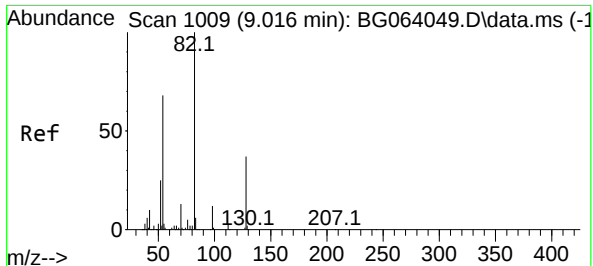


#22
Acetophenone
Concen: 48.598 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:105 Resp: 214115

Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.2	6.4
51	42.9	33.3	49.9
120	19.3	15.9	23.9





#23

Nitrobenzene-d5

Concen: 84.871 ng

RT: 9.019 min Scan# 1009

Delta R.T. 0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

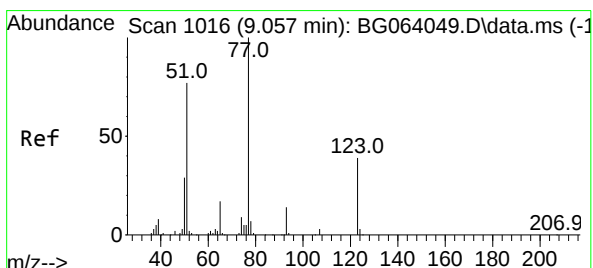
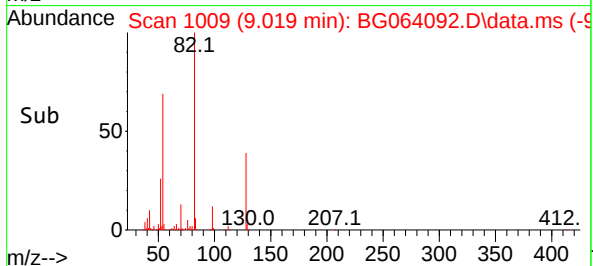
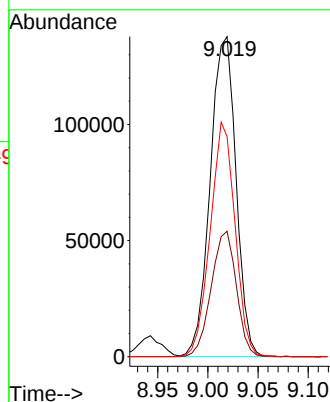
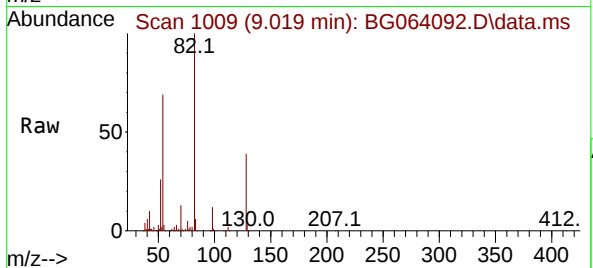
Tgt Ion: 82 Resp: 24678

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.0	45.0
54	68.7	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#24

Nitrobenzene

Concen: 49.586 ng

RT: 9.054 min Scan# 1015

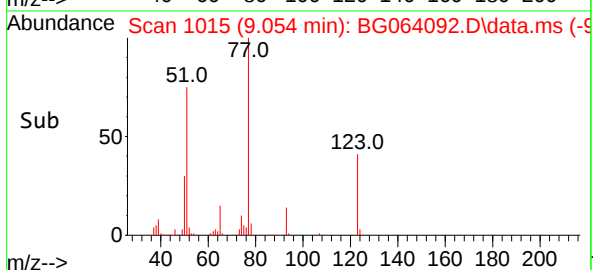
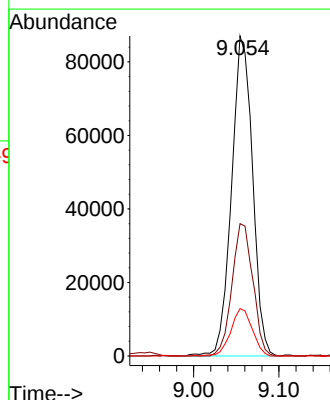
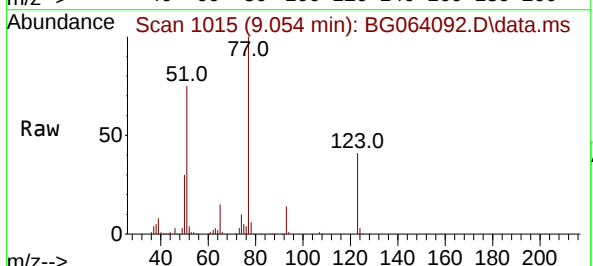
Delta R.T. -0.003 min

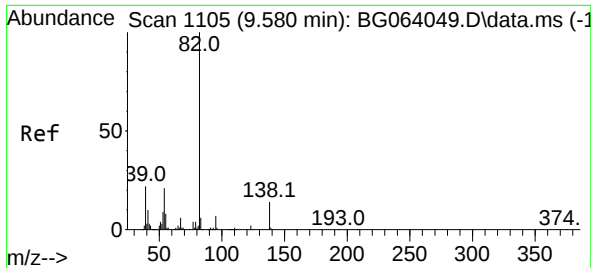
Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Tgt Ion: 77 Resp: 149011

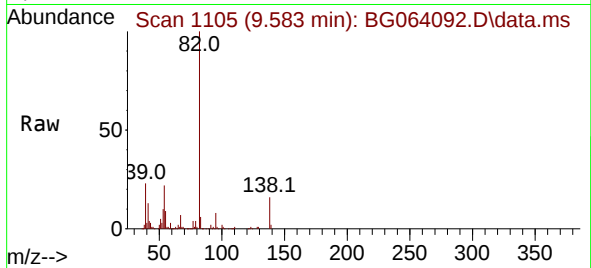
Ion	Ratio	Lower	Upper
77	100		
123	41.4	31.4	47.2
65	14.8	13.4	20.0





#25
Isophorone
Concen: 45.501 ng
RT: 9.583 min Scan# 1105
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

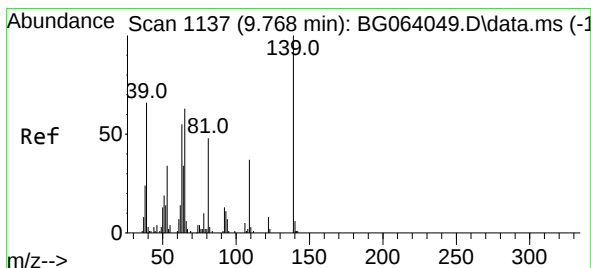
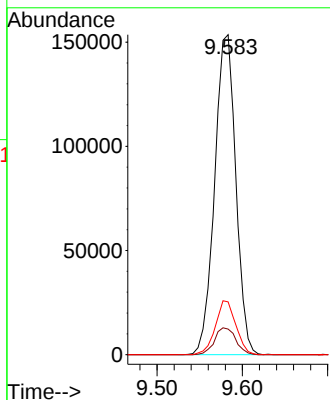
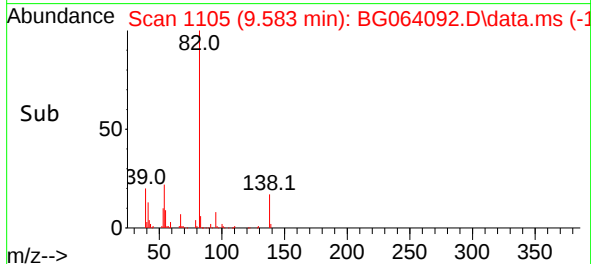
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion: 82 Resp: 26482
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 16.5 10.9 16.3

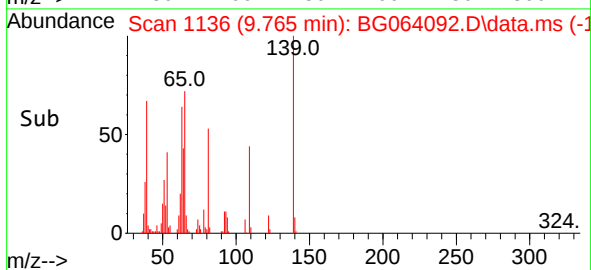
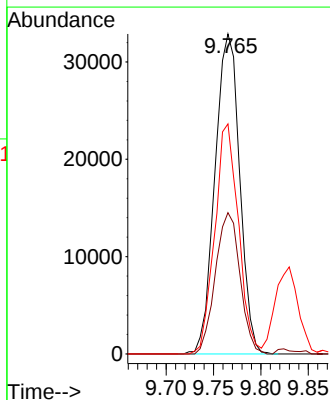
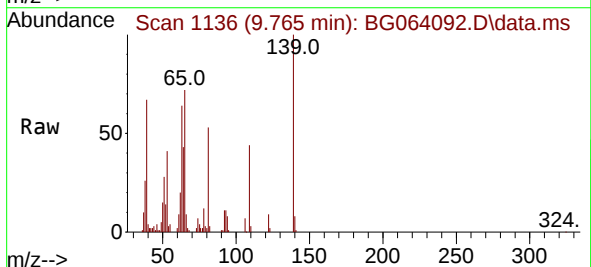
Manual Integrations
APPROVED

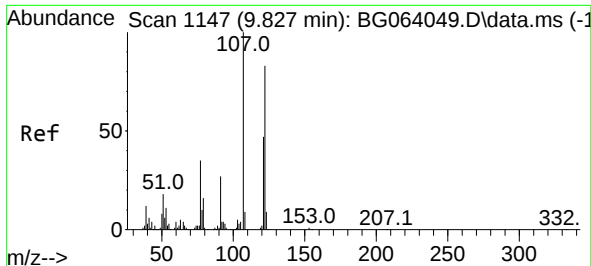
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#26
2-Nitrophenol
Concen: 55.361 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:139 Resp: 59577
Ion Ratio Lower Upper
139 100
109 44.2 29.9 44.9
65 71.9 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 62.602 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064092.D

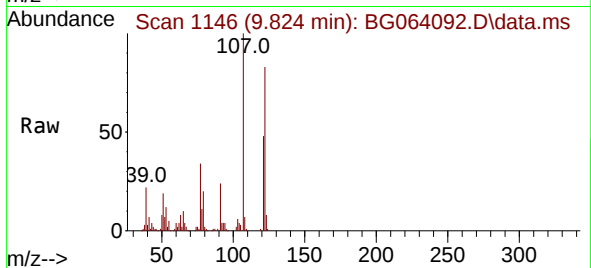
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD



Tgt Ion:122 Resp: 109220

Ion Ratio Lower Upper

122 100

107 120.4 95.4 143.0

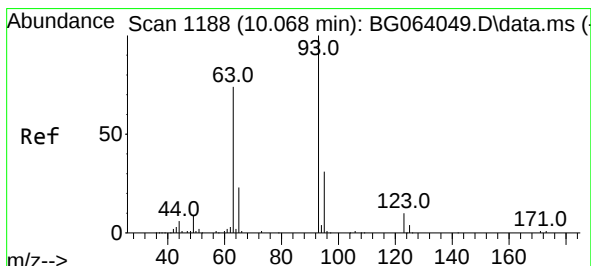
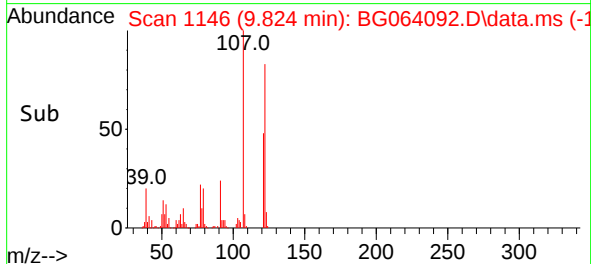
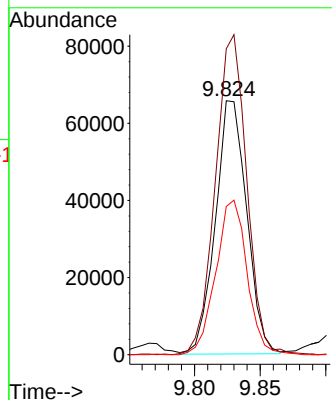
121 58.4 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.022 ng

RT: 10.065 min Scan# 1187

Delta R.T. -0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

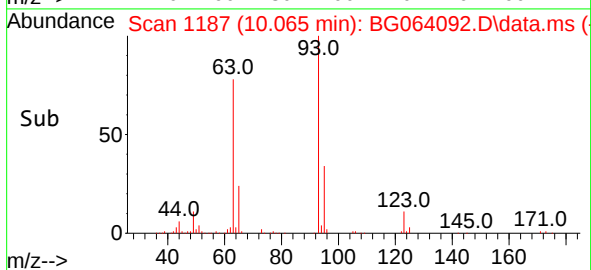
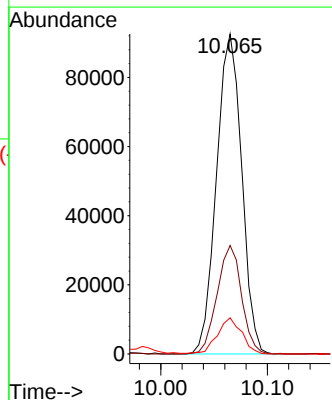
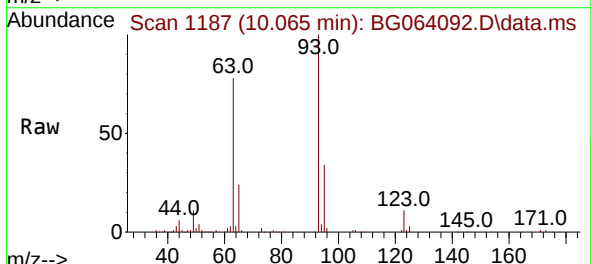
Tgt Ion: 93 Resp: 151807

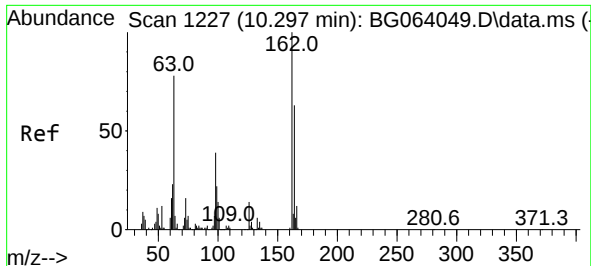
Ion Ratio Lower Upper

93 100

95 33.9 25.0 37.4

123 11.3 7.6 11.4





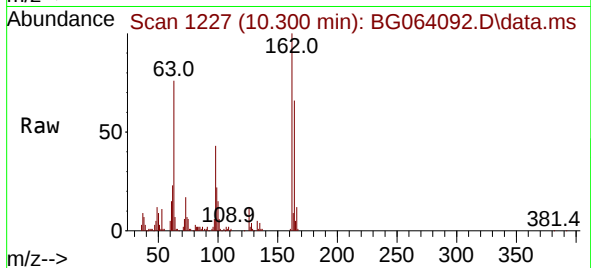
#29
2,4-Dichlorophenol
Concen: 49.885 ng
RT: 10.300 min Scan# 1227
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

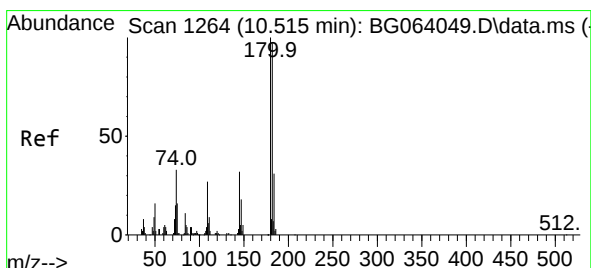
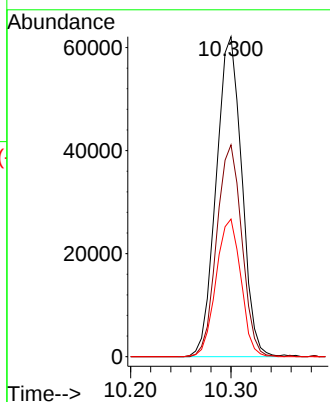
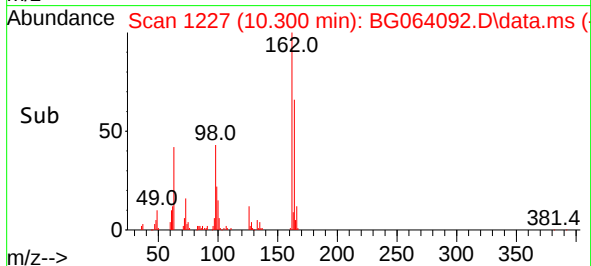


Tgt Ion:162 Resp: 109904
Ion Ratio Lower Upper
162 100
164 66.2 42.8 82.8
98 43.0 19.1 59.1

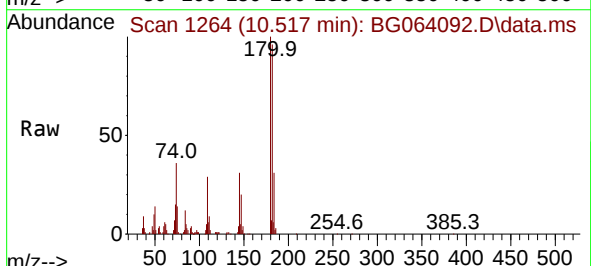
Manual Integrations

APPROVED

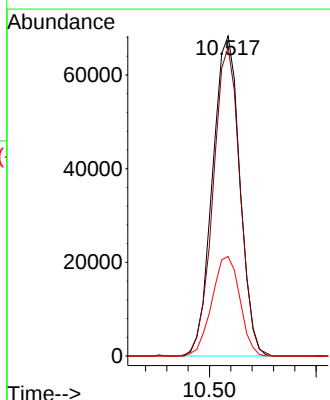
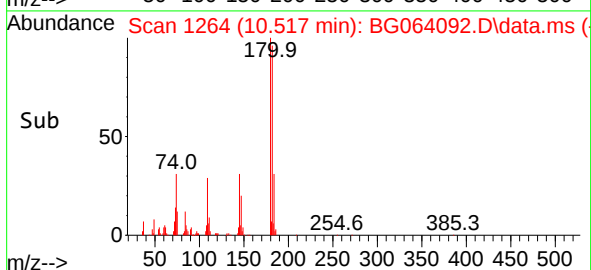
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

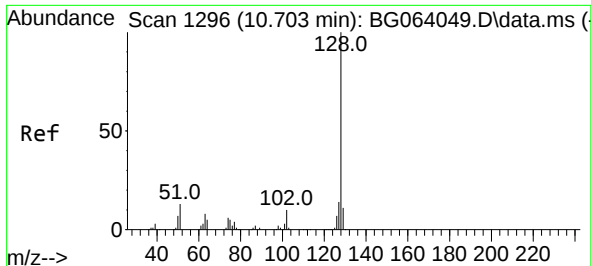


#30
1,2,4-Trichlorobenzene
Concen: 45.637 ng
RT: 10.517 min Scan# 1264
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



Tgt Ion:180 Resp: 121376
Ion Ratio Lower Upper
180 100
182 96.5 77.3 115.9
145 31.1 25.2 37.8





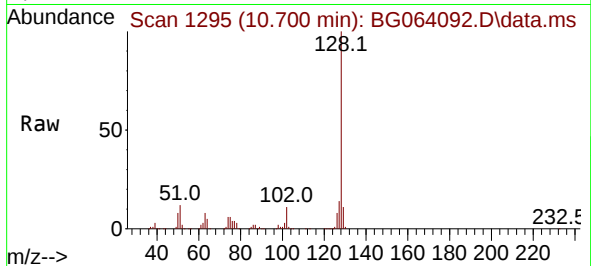
#31
Naphthalene
Concen: 44.148 ng
RT: 10.700 min Scan# 1172
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

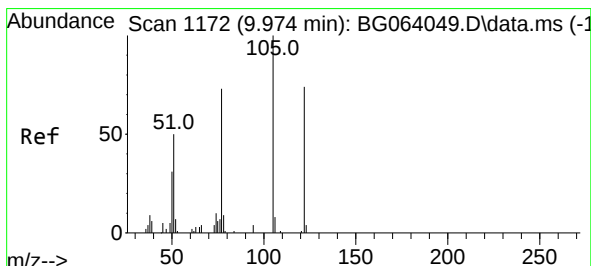
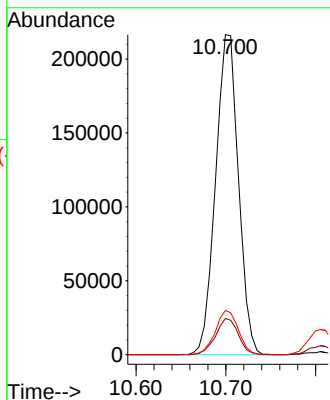
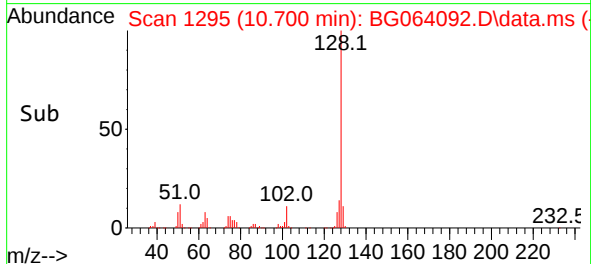


Tgt Ion:128 Resp: 382540
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.8 11.1 16.7

Manual Integrations

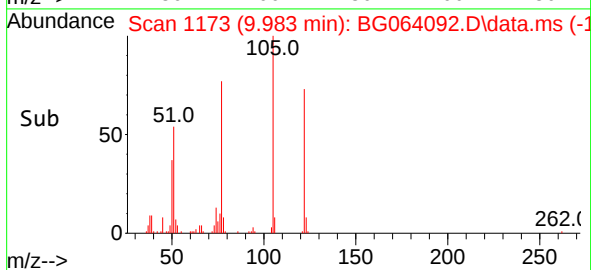
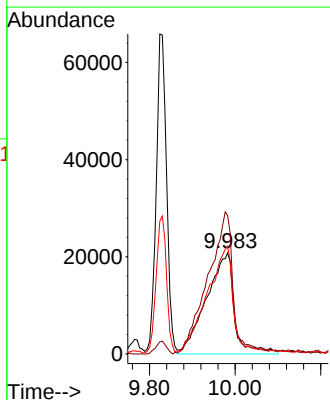
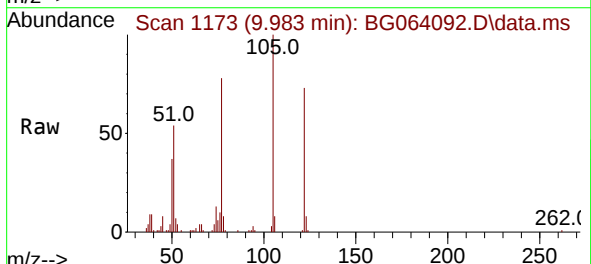
APPROVED

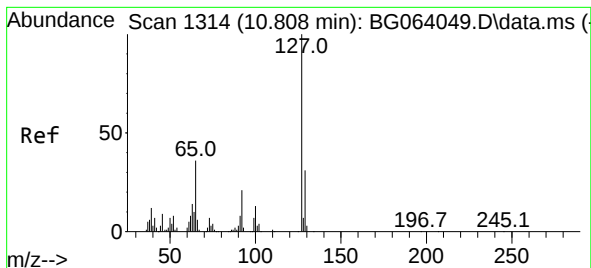
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#32
Benzoic acid
Concen: 56.697 ng m
RT: 9.983 min Scan# 1173
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:122 Resp: 93920
Ion Ratio Lower Upper
122 100
105 136.8 115.0 155.0
77 106.5 80.9 120.9





#33
4-Chloroaniline
Concen: 10.953 ng
RT: 10.805 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

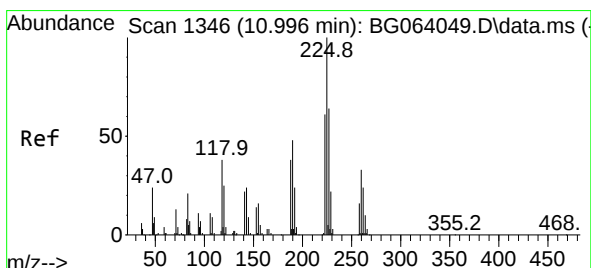
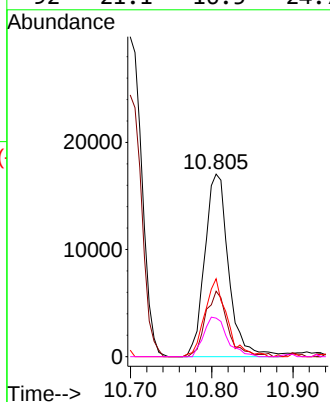
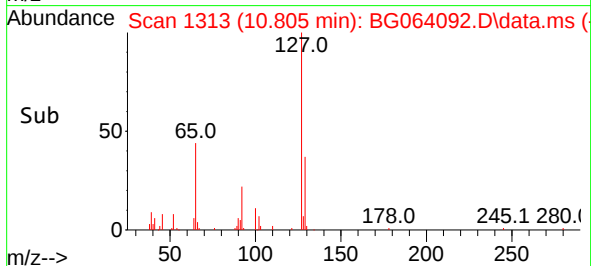
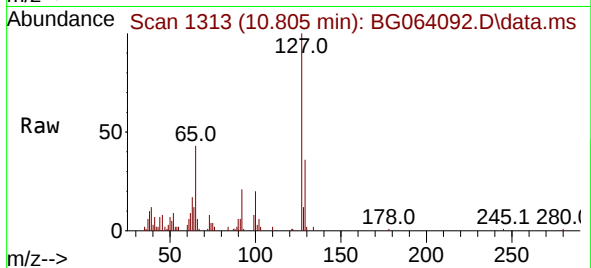
VNJ-241MSD

Tgt Ion:127 Resp: 3468
Ion Ratio Lower Upper
127 100
129 35.9 25.0 37.4
65 42.7 28.5 42.7
92 21.1 16.5 24.7

Manual Integrations

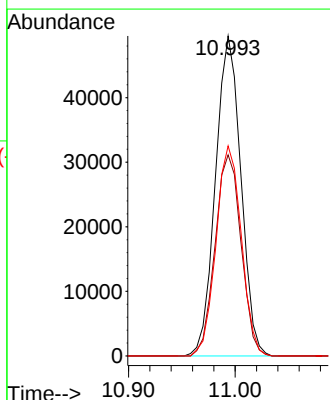
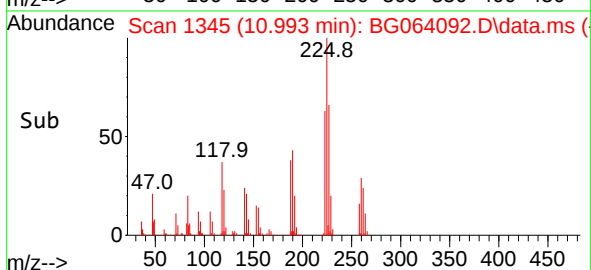
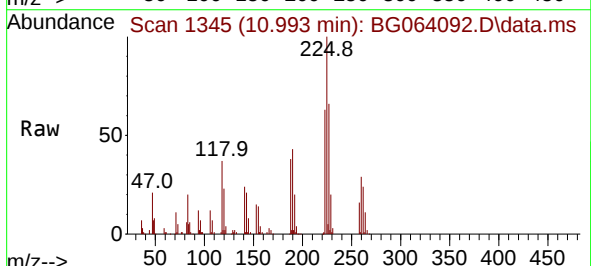
APPROVED

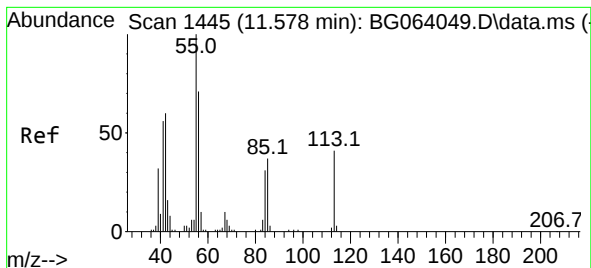
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#34
Hexachlorobutadiene
Concen: 46.995 ng
RT: 10.993 min Scan# 1345
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

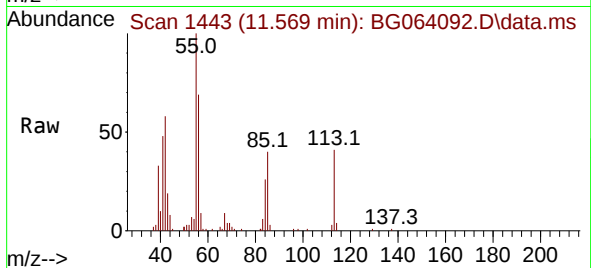
Tgt Ion:225 Resp: 81925
Ion Ratio Lower Upper
225 100
223 62.9 48.5 72.7
227 65.7 51.0 76.6





#35
Caprolactam
Concen: 50.656 ng m
RT: 11.569 min Scan# 1443
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

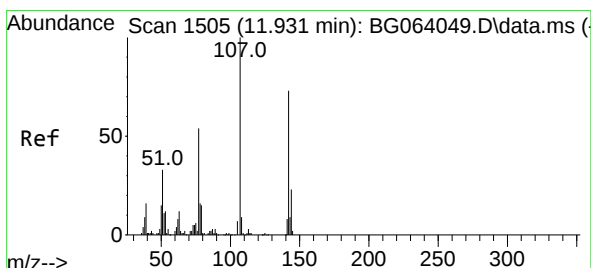
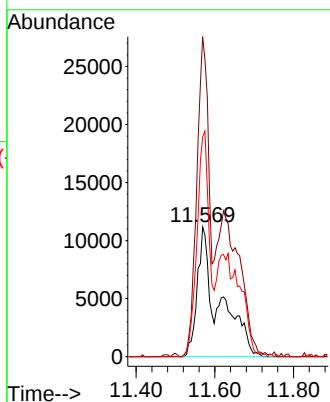
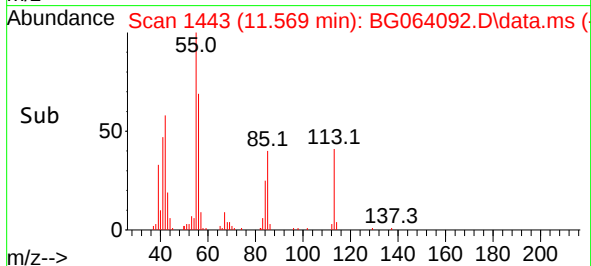
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:113 Resp: 42768
Ion Ratio Lower Upper
113 100
55 246.7 225.2 265.2
56 169.5 153.4 193.4

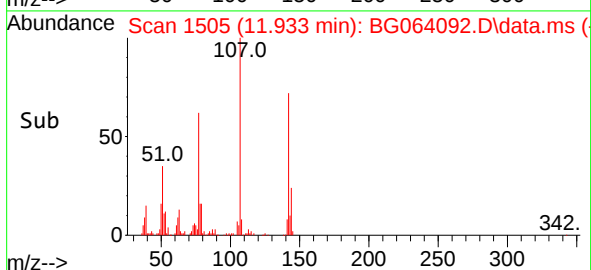
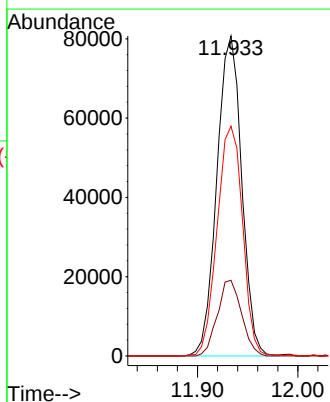
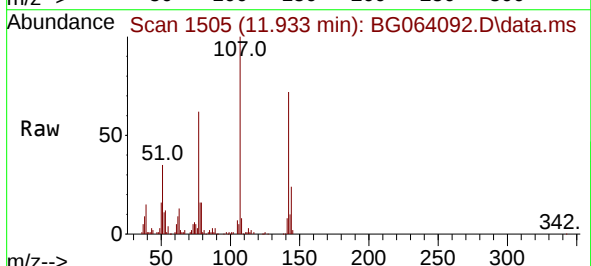
Manual Integrations
APPROVED

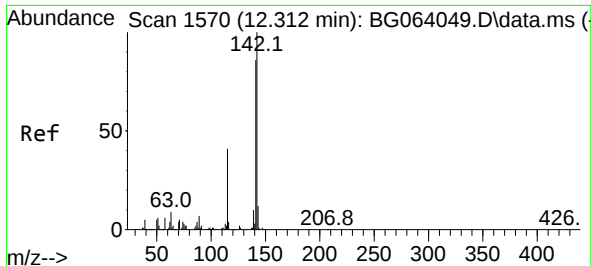
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#36
4-Chloro-3-methylphenol
Concen: 48.060 ng
RT: 11.933 min Scan# 1505
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

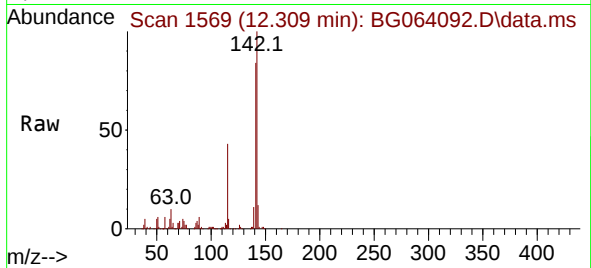
Tgt Ion:107 Resp: 138793
Ion Ratio Lower Upper
107 100
144 23.6 18.6 28.0
142 71.8 58.0 87.0





#37
2-Methylnaphthalene
Concen: 43.626 ng
RT: 12.309 min Scan# 1569
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

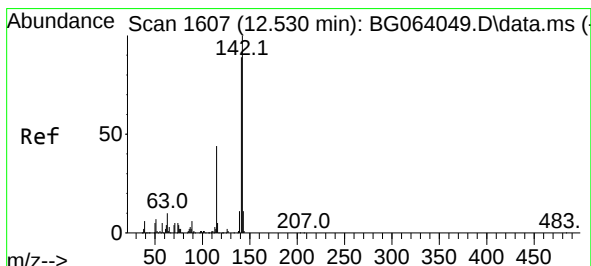
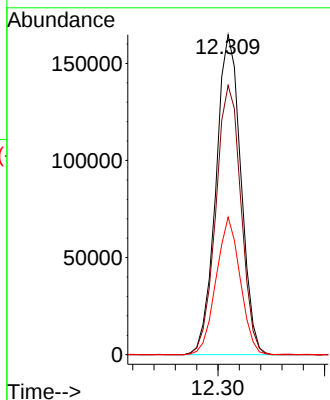
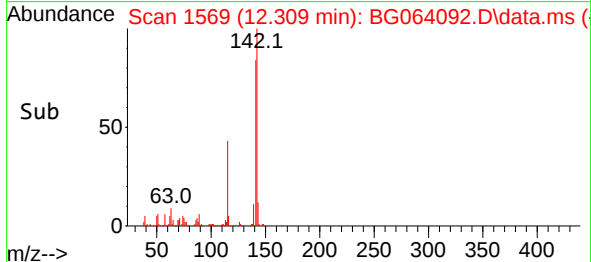
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:142 Resp: 26686
Ion Ratio Lower Upper
142 100
141 84.2 68.6 103.0
115 43.0 32.8 49.2

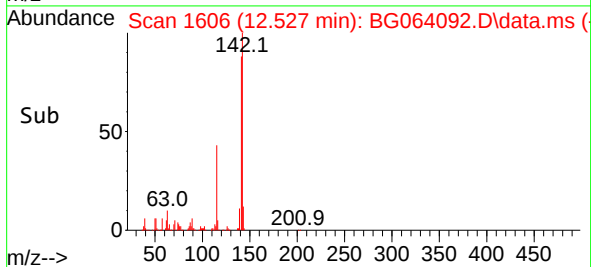
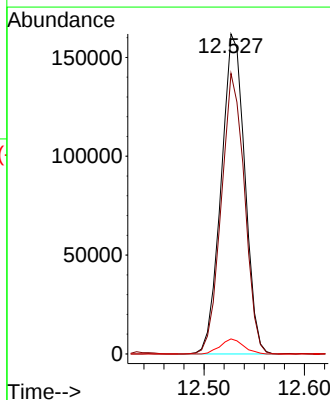
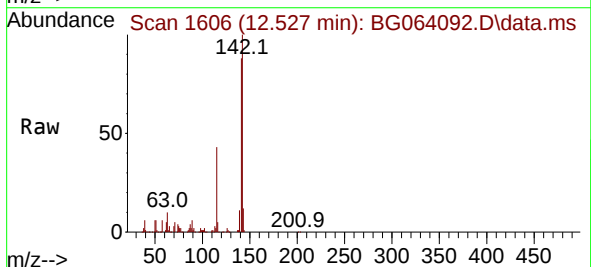
Manual Integrations
APPROVED

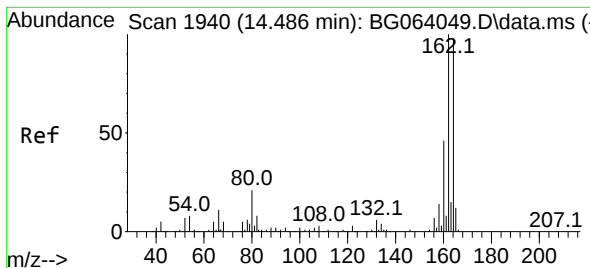
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#38
1-Methylnaphthalene
Concen: 44.197 ng
RT: 12.527 min Scan# 1606
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

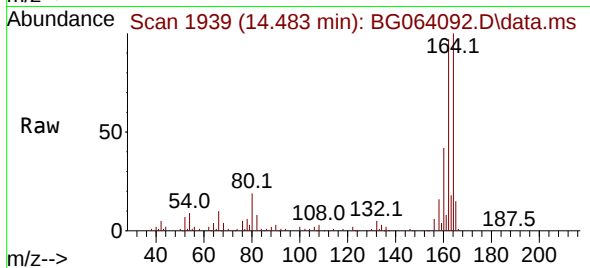
Tgt Ion:142 Resp: 264868
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8
116 4.7 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

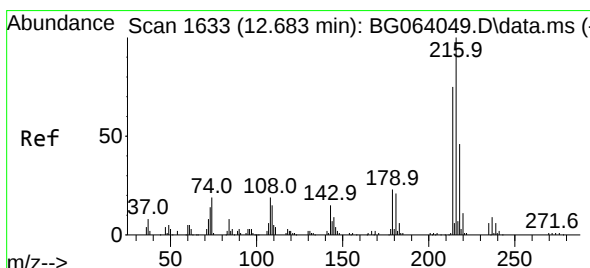
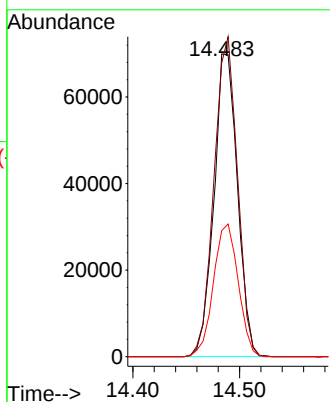
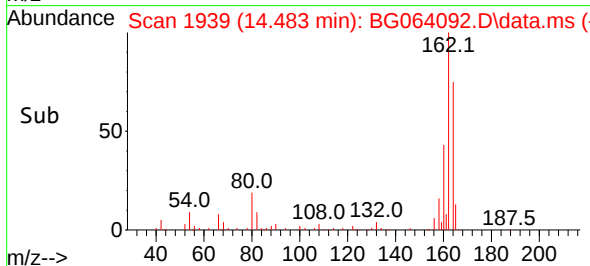
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:164 Resp: 107519
Ion Ratio Lower Upper
164 100
162 97.0 81.4 122.0
160 41.7 37.0 55.6

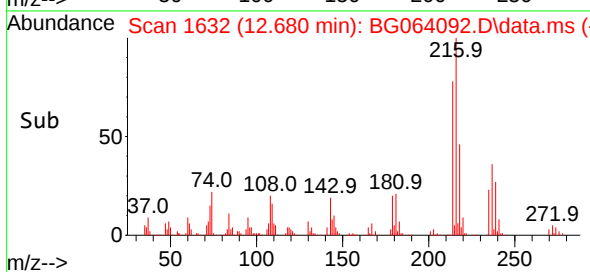
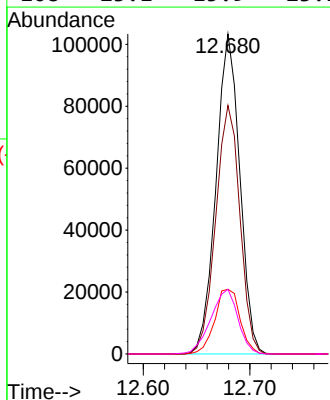
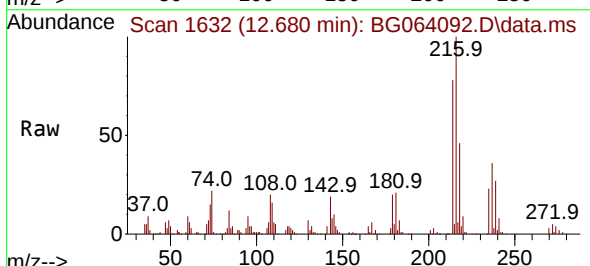
Manual Integrations
APPROVED

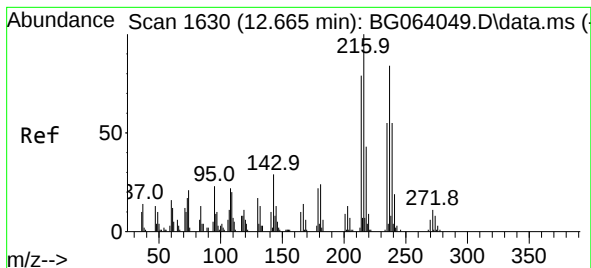
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.011 ng
RT: 12.680 min Scan# 1632
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

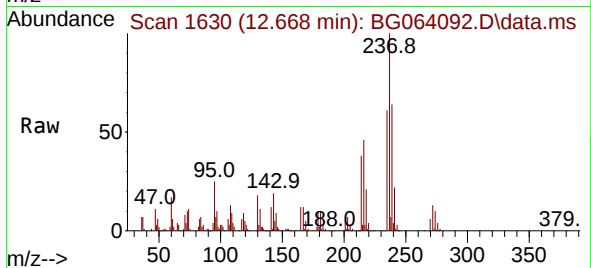
Tgt Ion:216 Resp: 159651
Ion Ratio Lower Upper
216 100
214 78.8 61.7 92.5
179 21.6 17.9 26.9
108 23.1 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 206.986 ng
RT: 12.668 min Scan# 1630
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

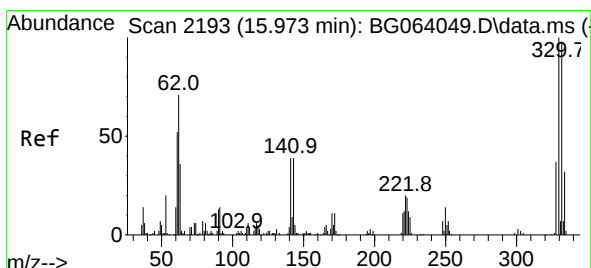
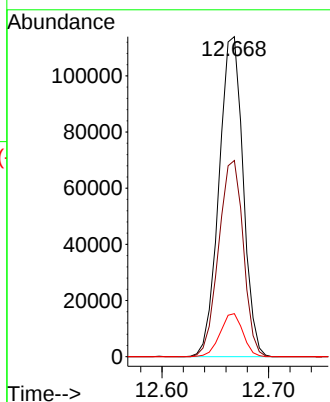
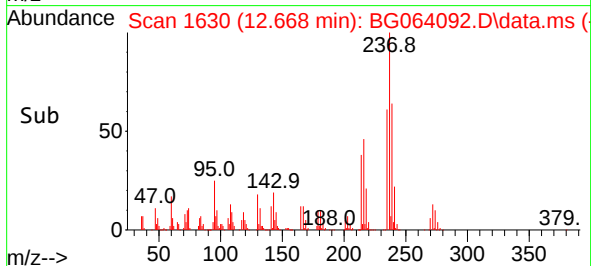
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



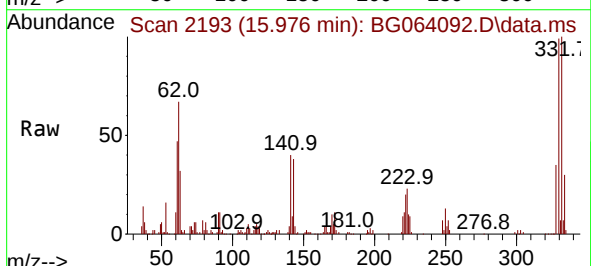
Tgt Ion: 237 Resp: 178824
Ion Ratio Lower Upper
237 100
235 61.3 46.0 86.0
272 13.5 0.0 32.8

Manual Integrations
APPROVED

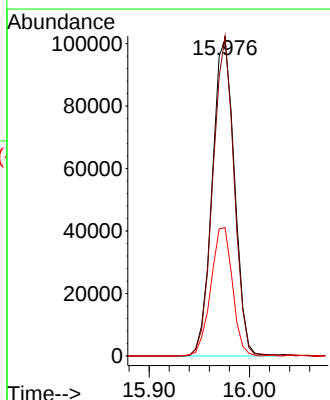
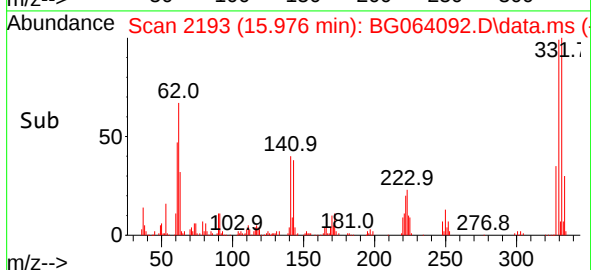
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

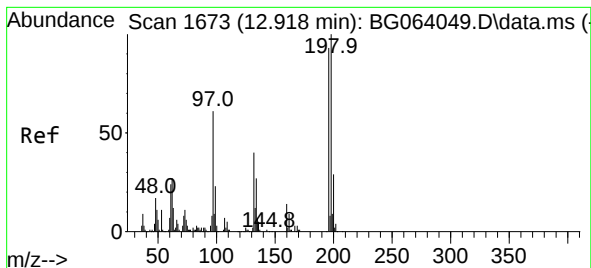


#42
2,4,6-Tribromophenol
Concen: 130.472 ng
RT: 15.976 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



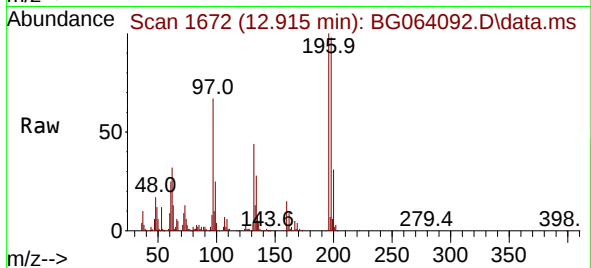
Tgt Ion: 330 Resp: 155934
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 39.4 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 54.266 ng
RT: 12.915 min Scan# 1672
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

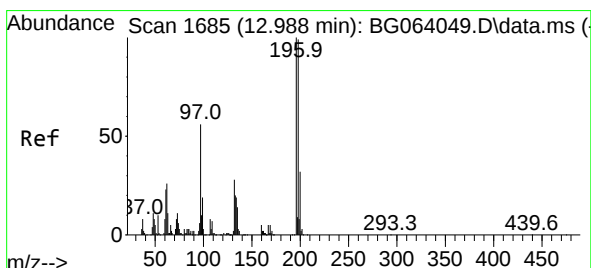
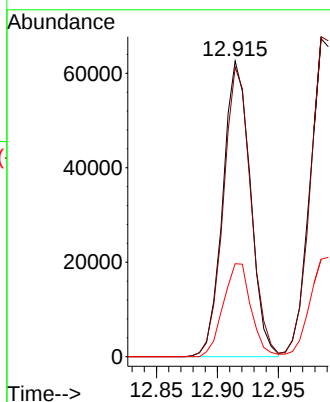
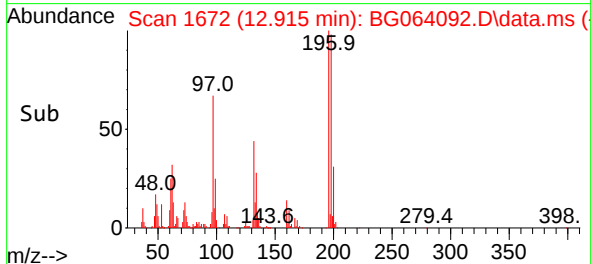
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:196 Resp: 98174
Ion Ratio Lower Upper
196 100
198 97.9 85.6 128.4
200 31.5 24.6 37.0

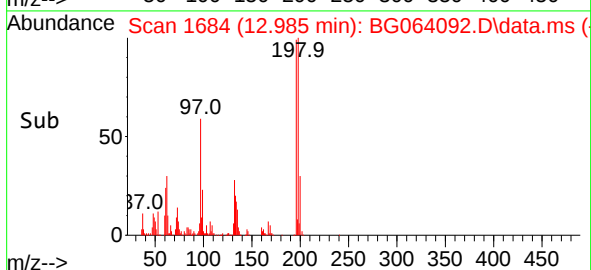
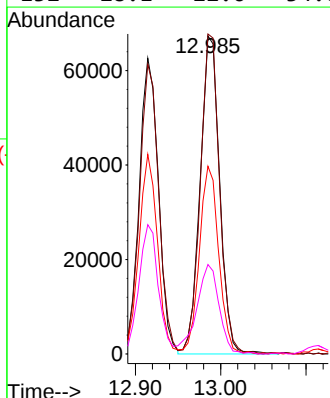
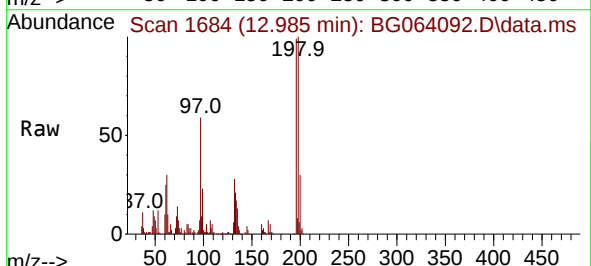
Manual Integrations
APPROVED

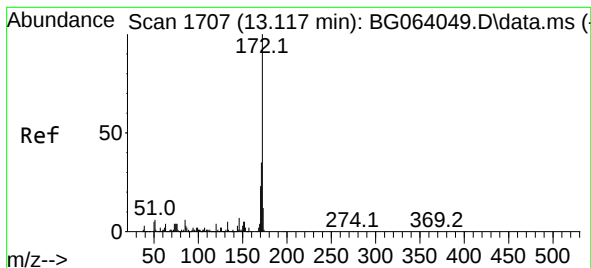
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#44
2,4,5-Trichlorophenol
Concen: 53.400 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:196 Resp: 107343
Ion Ratio Lower Upper
196 100
198 100.6 79.5 119.3
97 59.0 45.2 67.8
132 28.1 22.6 34.0





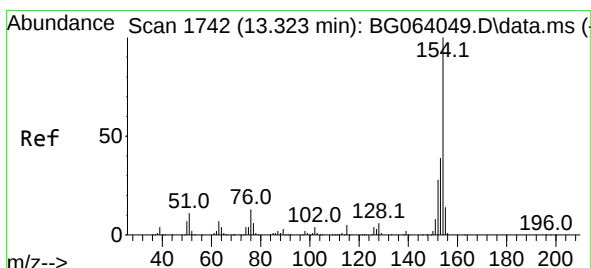
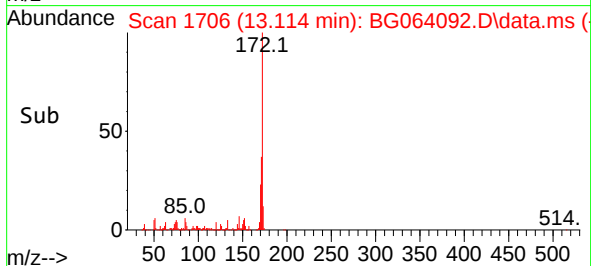
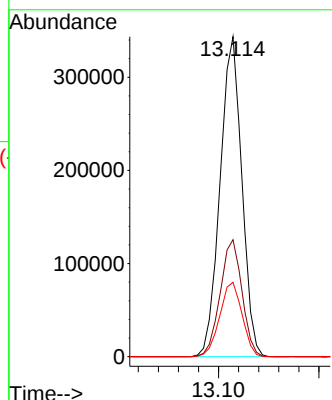
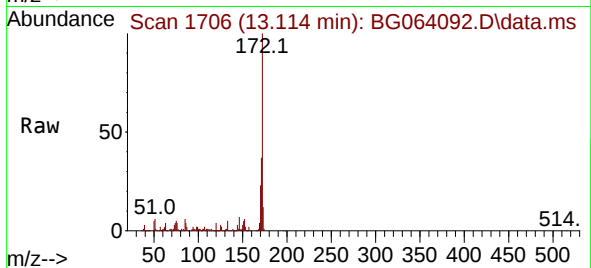
#45
2-Fluorobiphenyl
Concen: 72.752 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD

Tgt Ion:172 Resp: 515330
Ion Ratio Lower Upper
172 100
171 36.6 28.0 42.0
170 23.2 18.7 28.1

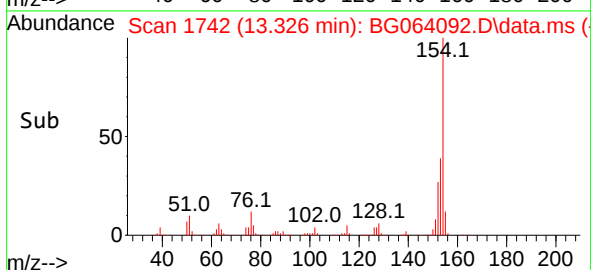
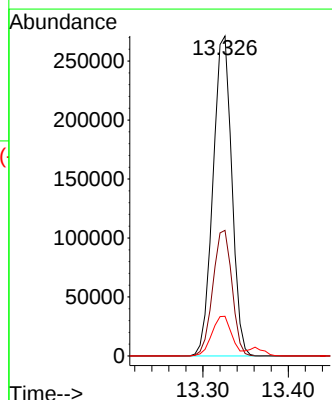
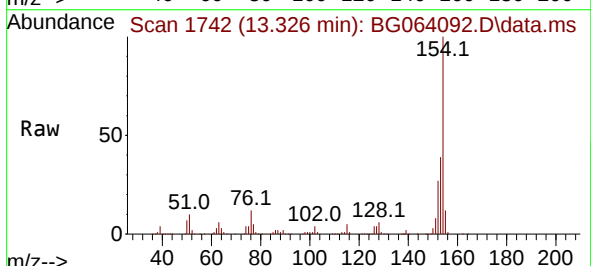
Manual Integrations
APPROVED

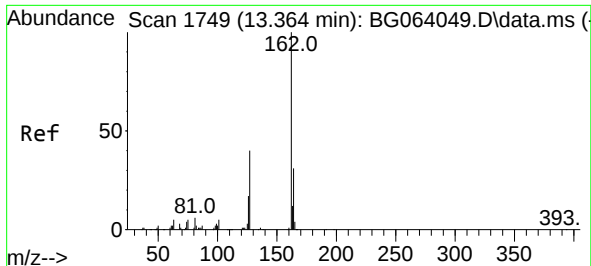
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#46
1,1'-Biphenyl
Concen: 51.030 ng
RT: 13.326 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

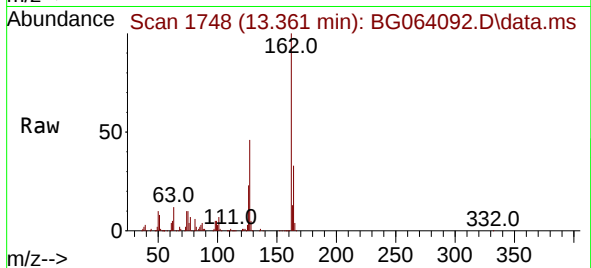
Tgt Ion:154 Resp: 414526
Ion Ratio Lower Upper
154 100
153 39.2 19.5 59.5
76 12.4 0.0 33.5





#47
2-Chloronaphthalene
Concen: 46.260 ng
RT: 13.361 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

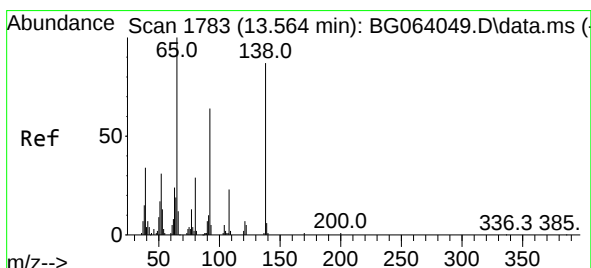
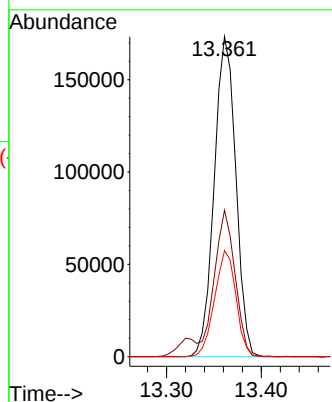
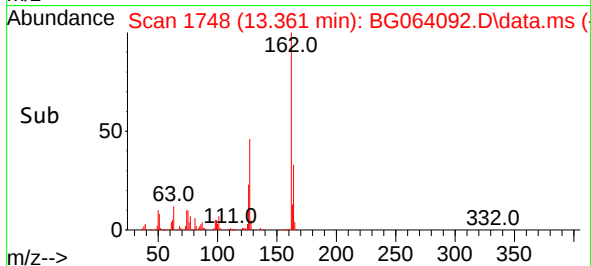
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:162 Resp: 27406
Ion Ratio Lower Upper
162 100
127 45.8 35.0 52.4
164 33.2 25.0 37.6

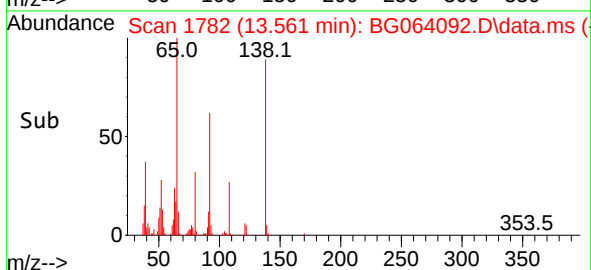
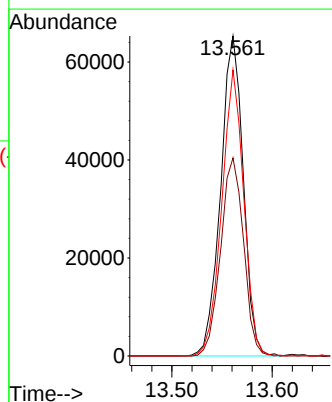
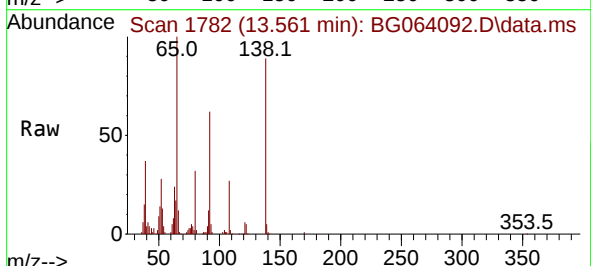
Manual Integrations
APPROVED

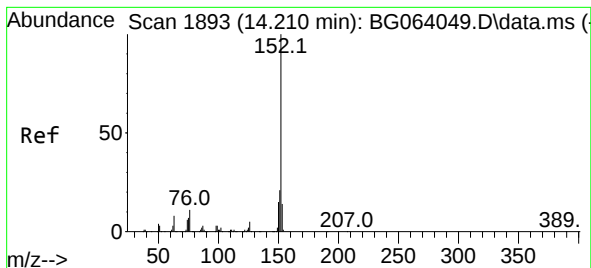
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#48
2-Nitroaniline
Concen: 51.158 ng
RT: 13.561 min Scan# 1782
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion: 65 Resp: 102004
Ion Ratio Lower Upper
65 100
92 61.9 51.2 76.8
138 89.4 69.4 104.2





#49

Acenaphthylene

Concen: 48.661 ng

RT: 14.207 min Scan# 1892

Delta R.T. -0.003 min

Lab File: BG064092.D

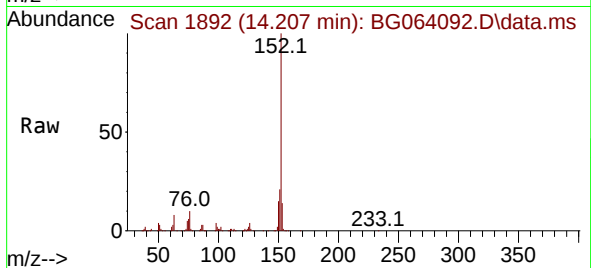
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD



Tgt Ion:152 Resp: 455993

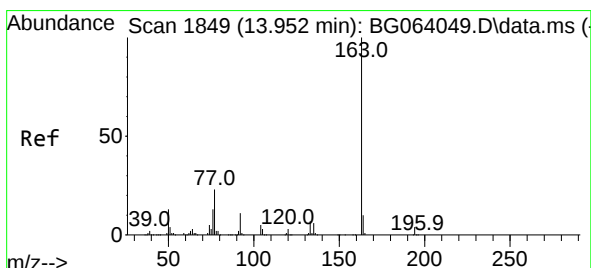
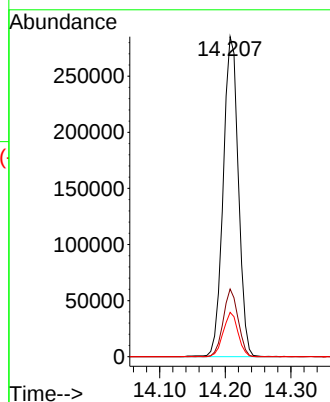
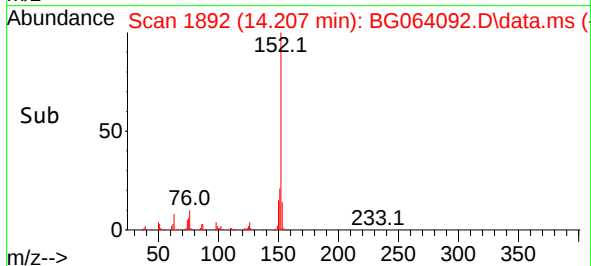
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.4	24.6
153	13.8	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#50

Dimethylphthalate

Concen: 43.716 ng

RT: 13.949 min Scan# 1848

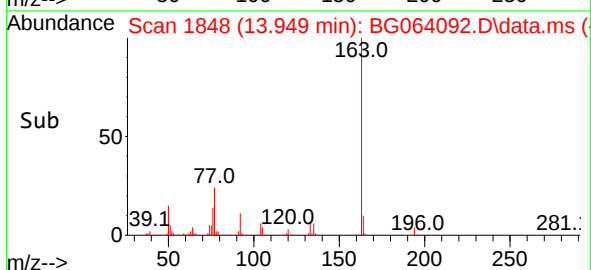
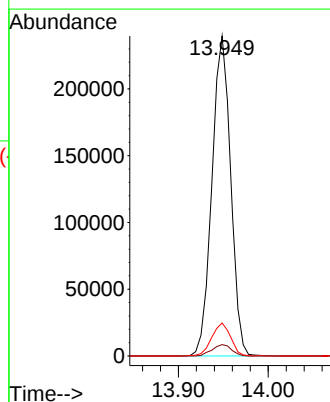
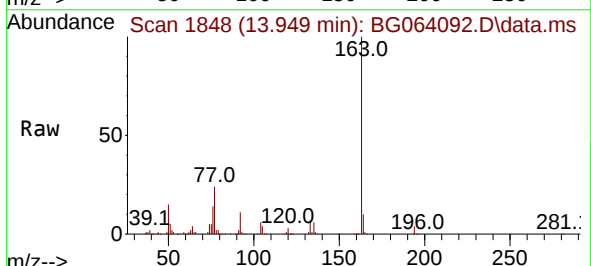
Delta R.T. -0.003 min

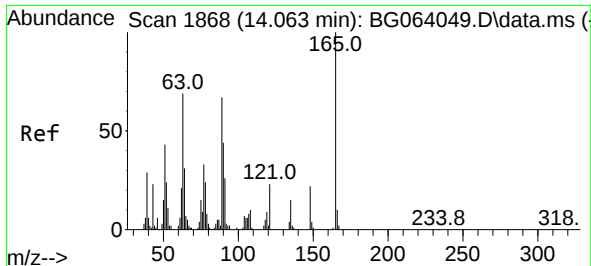
Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Tgt Ion:163 Resp: 346968

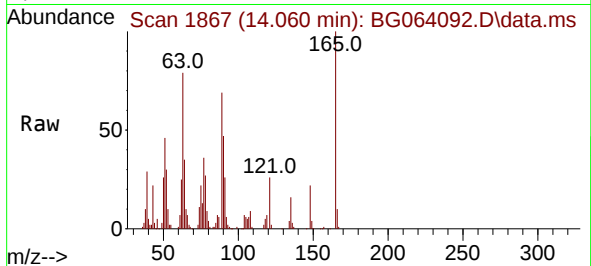
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 45.805 ng
RT: 14.060 min Scan# 1868
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

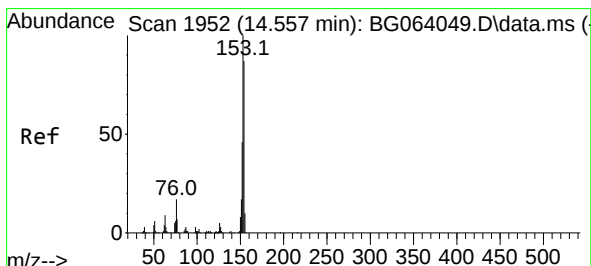
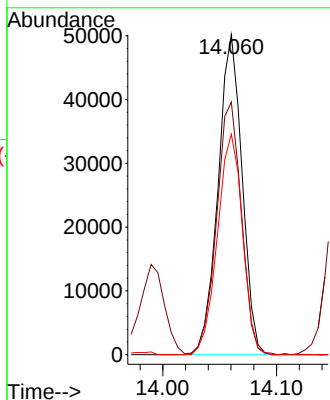
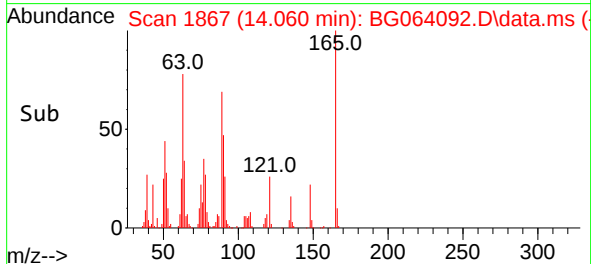
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:165 Resp: 73488
Ion Ratio Lower Upper
165 100
63 79.0 56.7 85.1
89 68.9 53.7 80.5

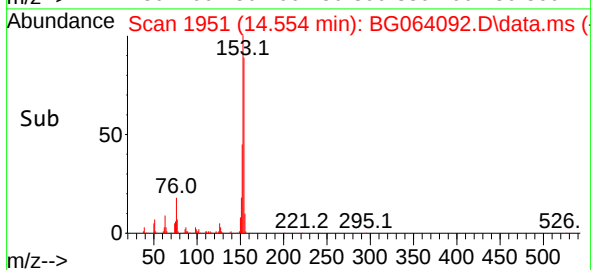
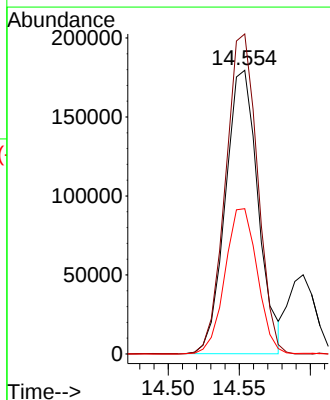
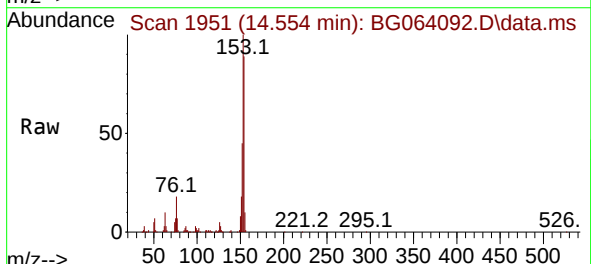
Manual Integrations
APPROVED

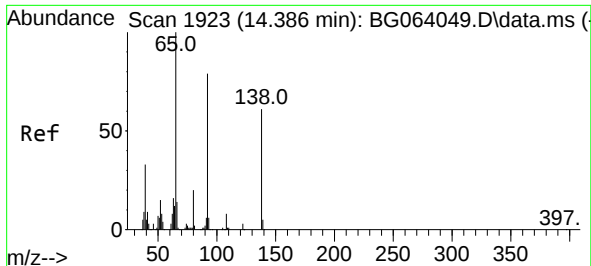
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#52
Acenaphthene
Concen: 45.803 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

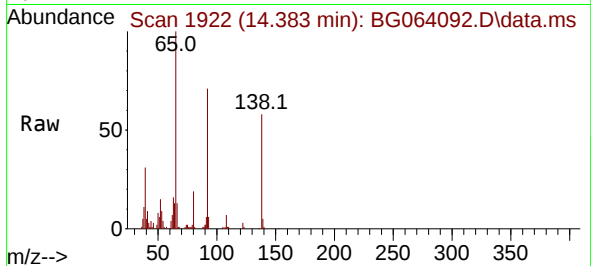
Tgt Ion:154 Resp: 288048
Ion Ratio Lower Upper
154 100
153 112.8 91.6 137.4
152 51.2 42.5 63.7





#53
3-Nitroaniline
Concen: 24.804 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

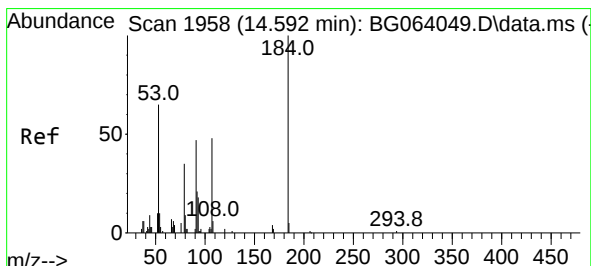
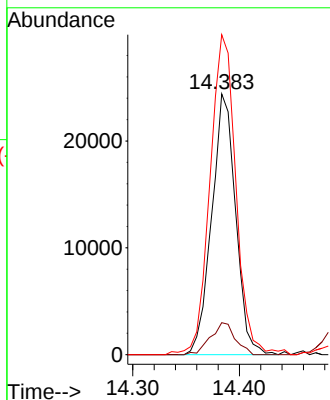
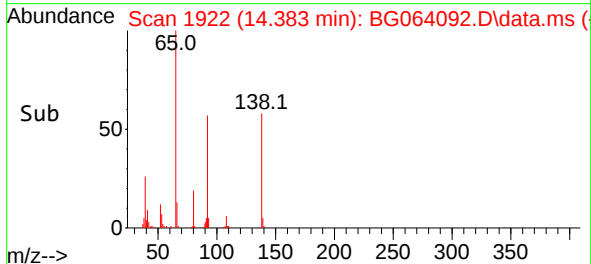
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:138 Resp: 3804
Ion Ratio Lower Upper
138 100
108 12.2 10.1 15.1
92 122.7 104.1 156.1

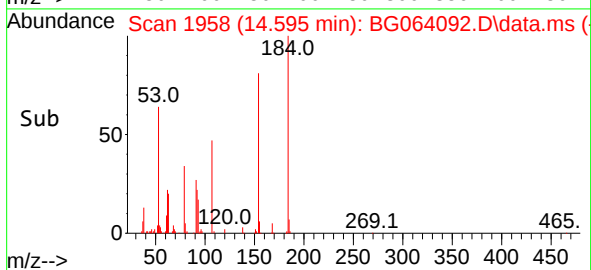
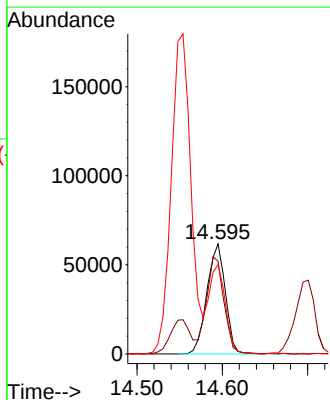
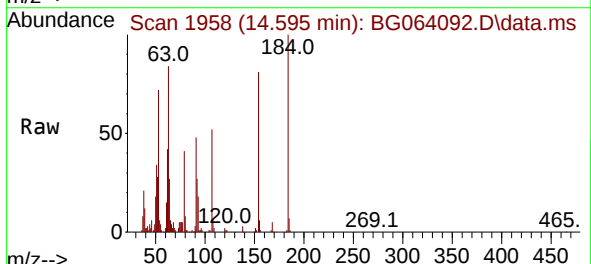
Manual Integrations
APPROVED

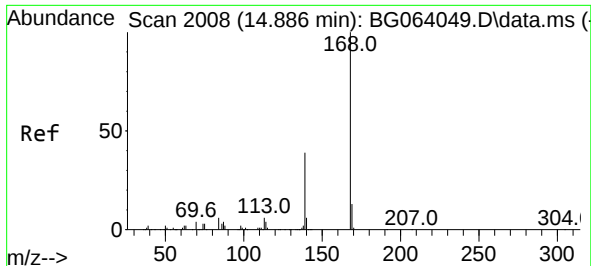
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#54
2,4-Dinitrophenol
Concen: 132.308 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

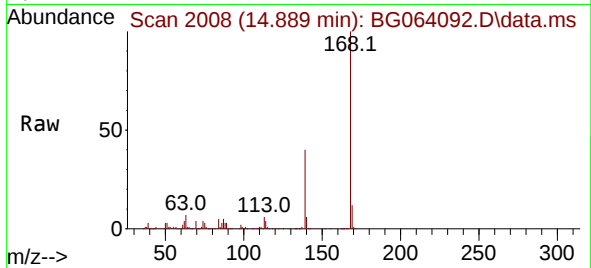
Tgt Ion:184 Resp: 92660
Ion Ratio Lower Upper
184 100
63 84.3 57.5 86.3
154 81.2 52.3 78.5#





#55
Dibenzofuran
Concen: 43.753 ng
RT: 14.889 min Scan# 2008
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

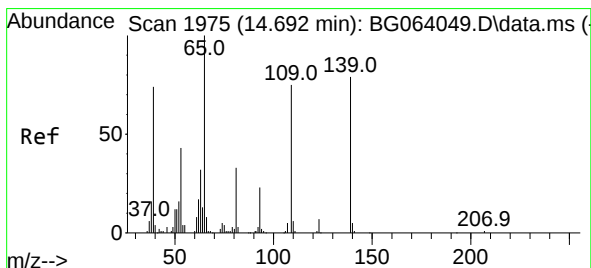
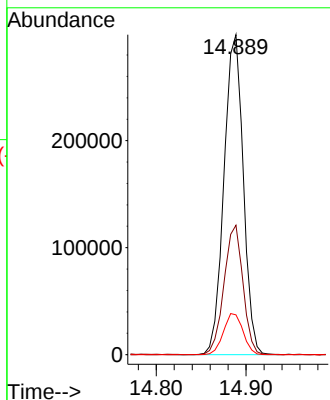
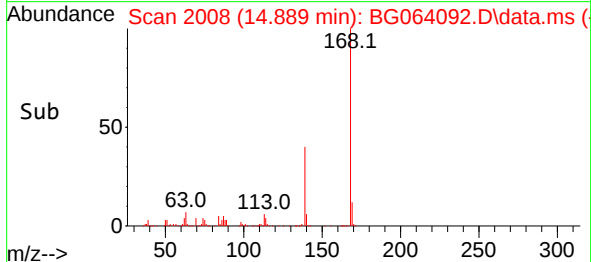
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



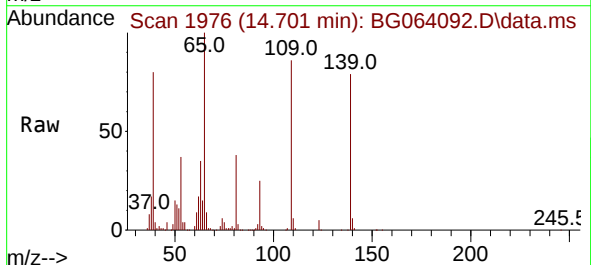
Tgt Ion:168 Resp: 44575
Ion Ratio Lower Upper
168 100
139 40.5 31.1 46.7
169 12.5 10.5 15.7

Manual Integrations
APPROVED

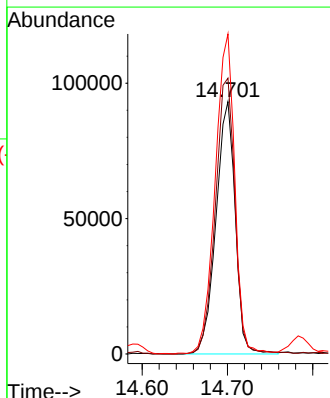
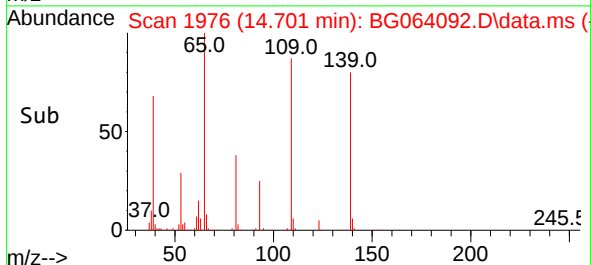
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

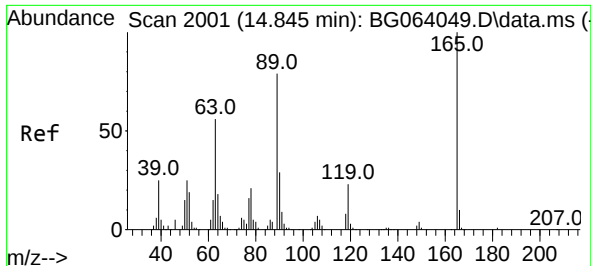


#56
4-Nitrophenol
Concen: 114.038 ng
RT: 14.701 min Scan# 1976
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



Tgt Ion:139 Resp: 146708
Ion Ratio Lower Upper
139 100
109 109.3 74.9 114.9
65 126.8 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 49.726 ng
RT: 14.848 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

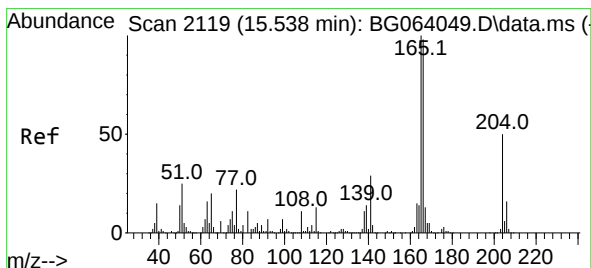
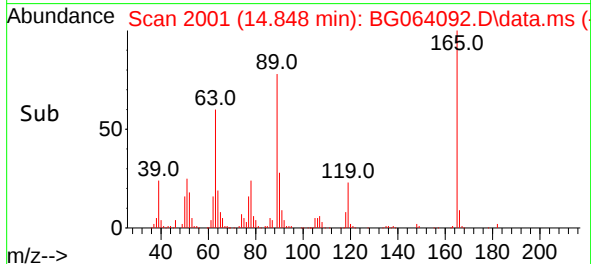
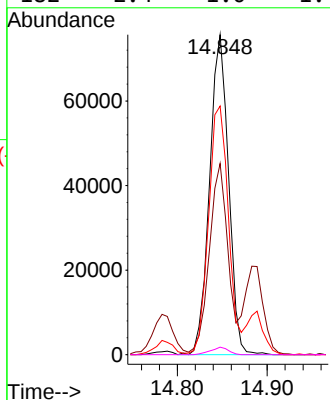
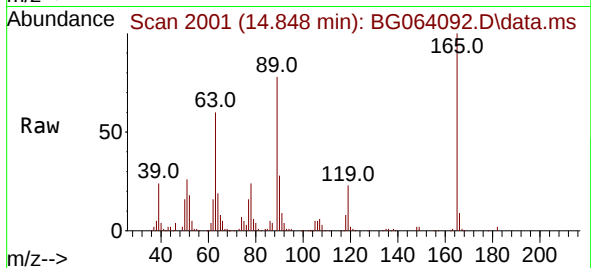
VNJ-241MSD

Tgt Ion:165 Resp: 110792
Ion Ratio Lower Upper
165 100
63 59.8 45.0 67.6
89 77.7 63.1 94.7
182 2.4 1.0 1.4#

Manual Integrations

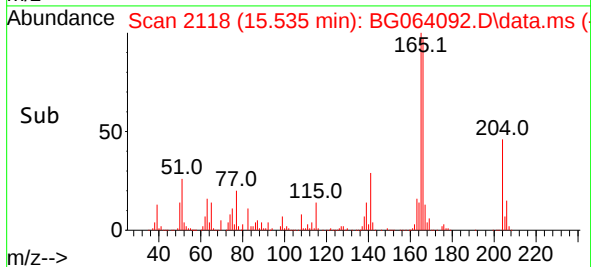
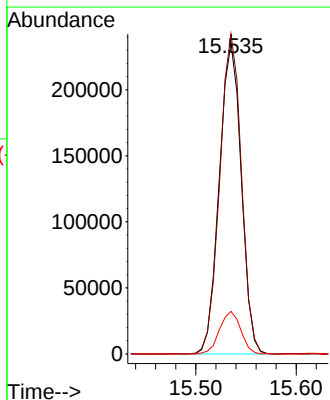
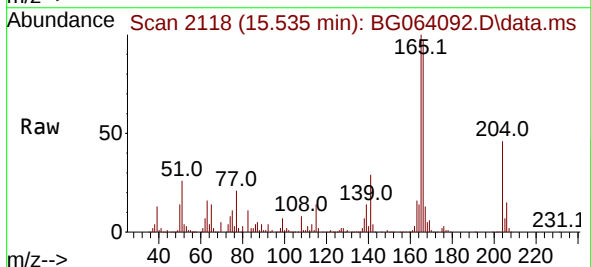
APPROVED

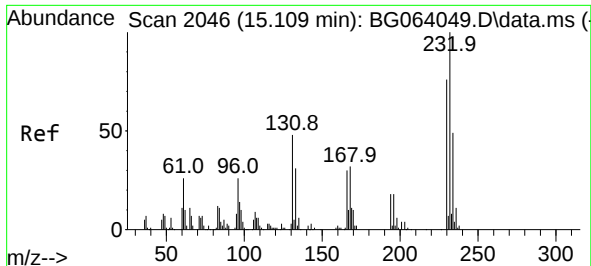
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#58
Fluorene
Concen: 45.074 ng
RT: 15.535 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

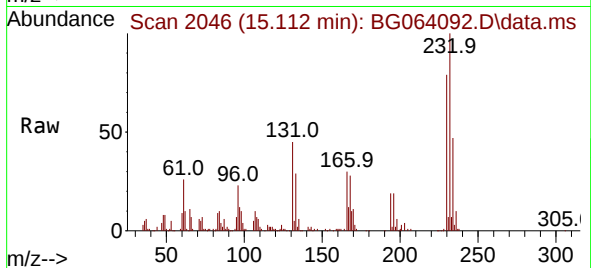
Tgt Ion:166 Resp: 357656
Ion Ratio Lower Upper
166 100
165 103.0 81.8 122.8
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.183 ng m
RT: 15.112 min Scan# 2046
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

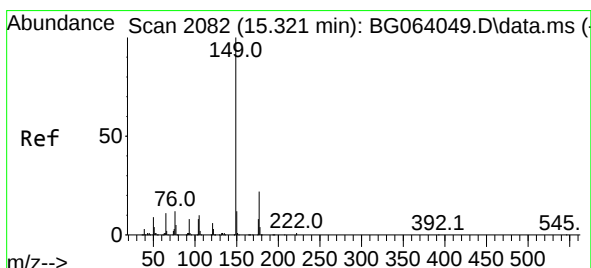
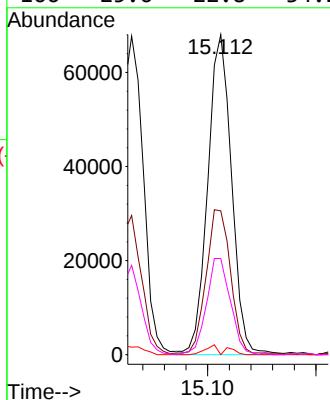
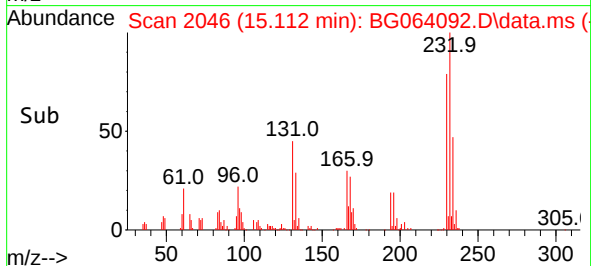
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:232 Resp: 10422
Ion Ratio Lower Upper
232 100
131 42.8 36.3 54.5
130 2.8 1.9 2.9
166 25.6 22.8 34.2

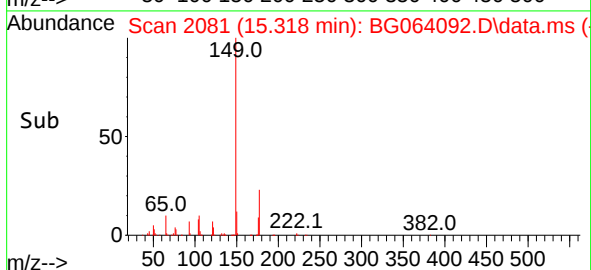
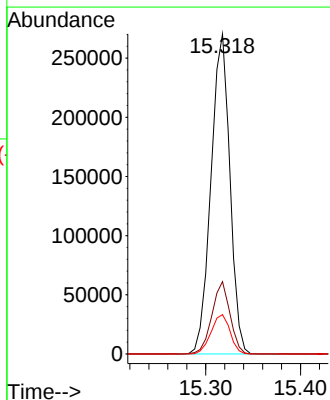
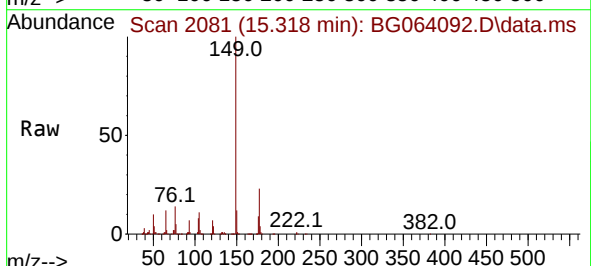
Manual Integrations
APPROVED

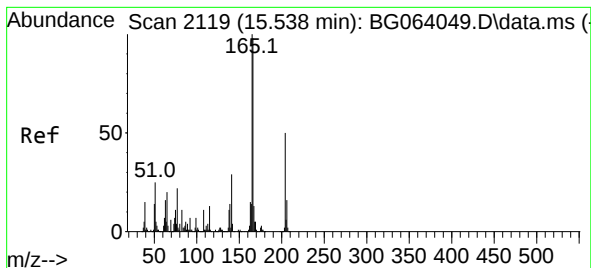
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#60
Diethylphthalate
Concen: 43.365 ng
RT: 15.318 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

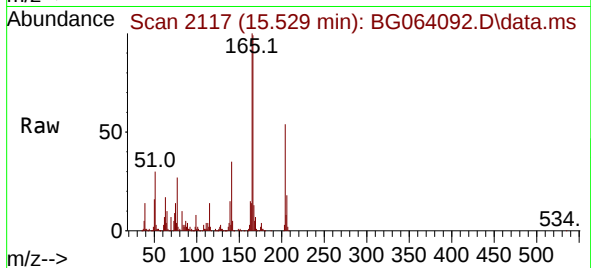
Tgt Ion:149 Resp: 373637
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.2
150 12.3 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 43.184 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

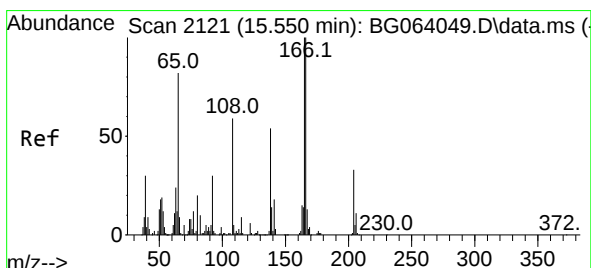
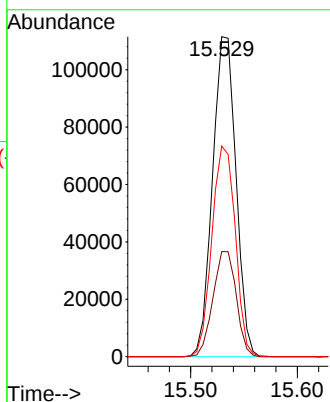
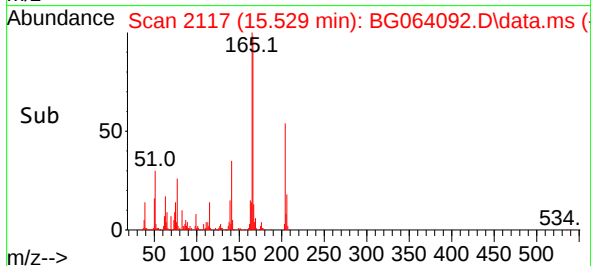
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



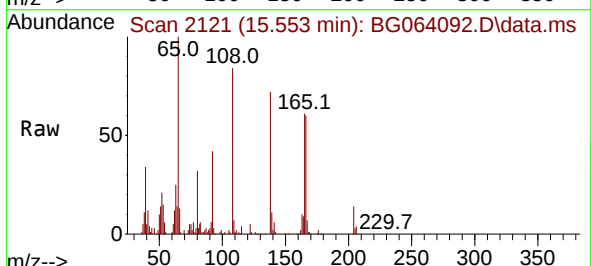
Tgt Ion:204 Resp: 17028
Ion Ratio Lower Upper
204 100
206 32.9 25.5 38.3
141 65.8 45.4 68.0

Manual Integrations
APPROVED

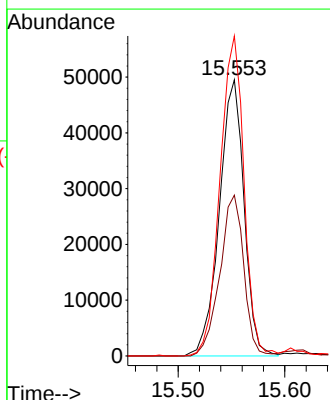
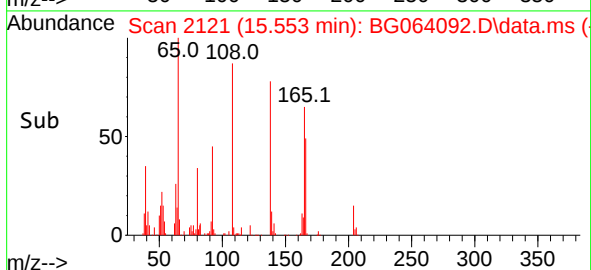
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

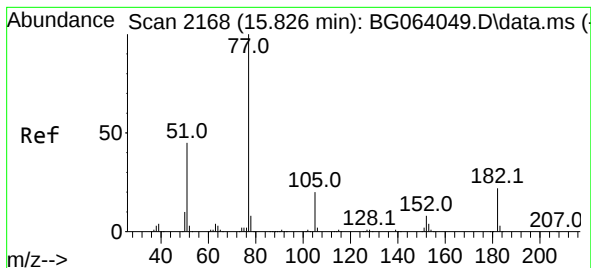


#62
4-Nitroaniline
Concen: 48.169 ng
RT: 15.553 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



Tgt Ion:138 Resp: 79774
Ion Ratio Lower Upper
138 100
92 58.2 36.1 76.1
108 115.9 87.9 127.9





#63

Azobenzene

Concen: 45.535 ng

RT: 15.823 min Scan# 2168

Delta R.T. -0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

Tgt Ion: 77 Resp: 418658

Ion Ratio Lower Upper

77 100

182 21.5 2.4 42.4

105 19.4 0.0 40.0

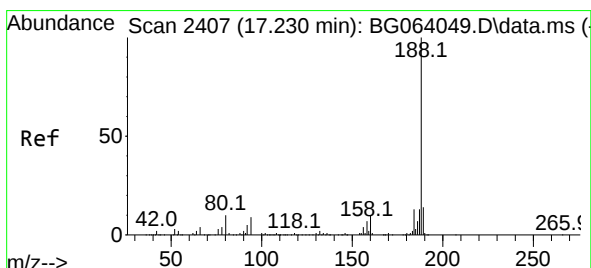
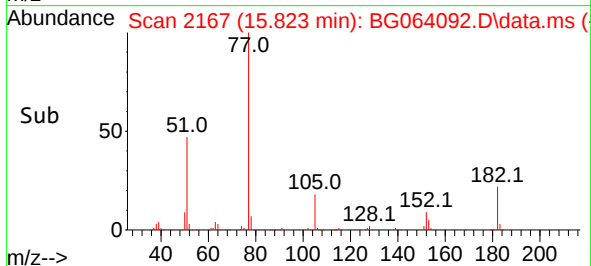
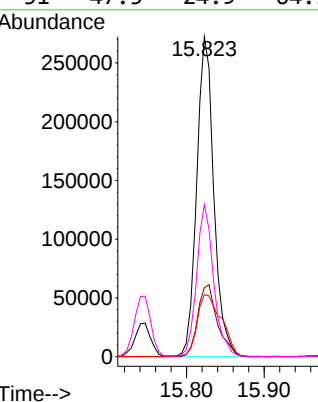
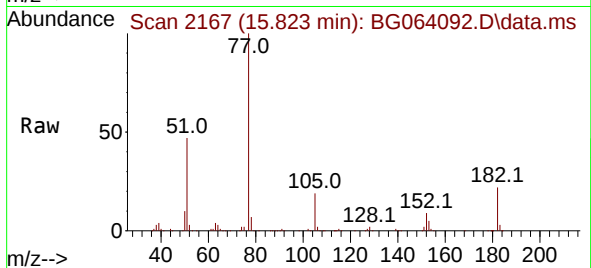
51 47.5 24.9 64.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2406

Delta R.T. -0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

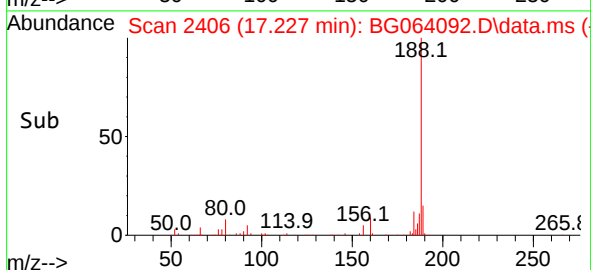
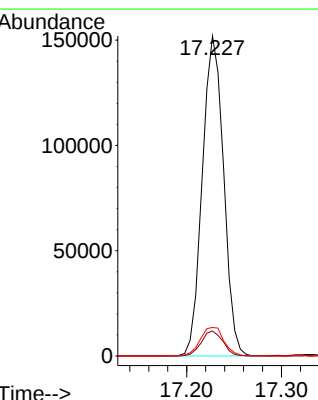
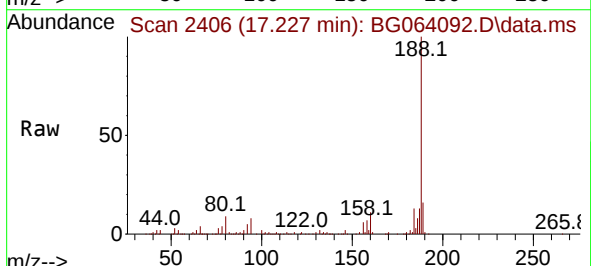
Tgt Ion:188 Resp: 237040

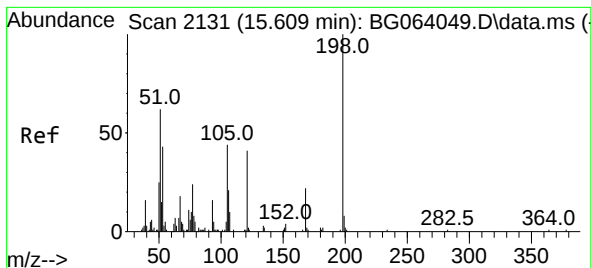
Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

80 8.9 8.1 12.1





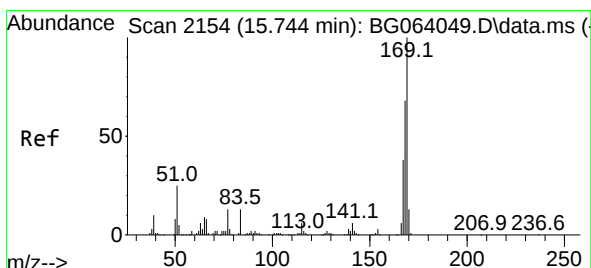
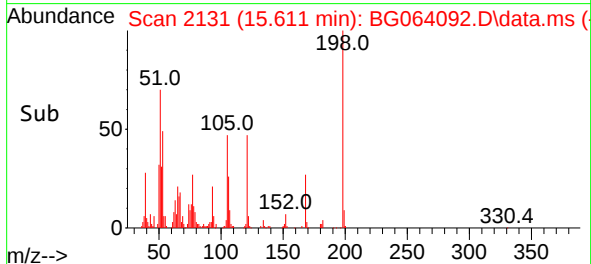
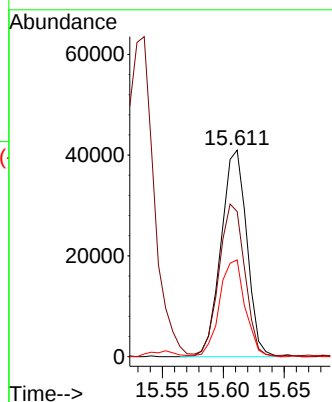
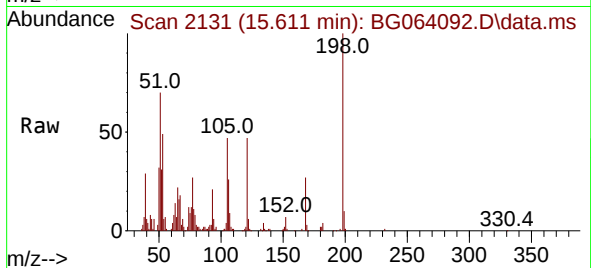
#65
4,6-Dinitro-2-methylphenol
Concen: 57.074 ng
RT: 15.611 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD

Tgt Ion:198 Resp: 60354
Ion Ratio Lower Upper
198 100
51 70.3 45.6 85.6
105 46.9 25.3 65.3

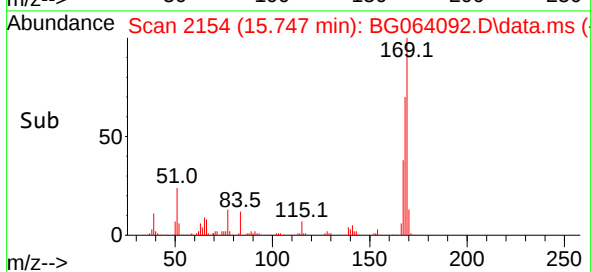
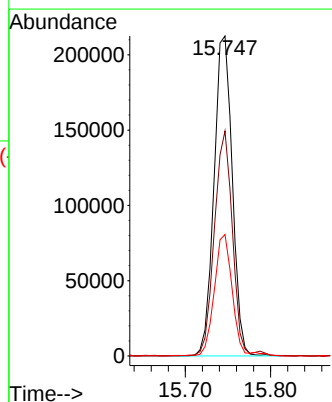
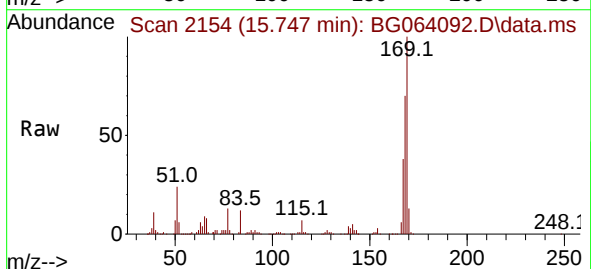
Manual Integrations
APPROVED

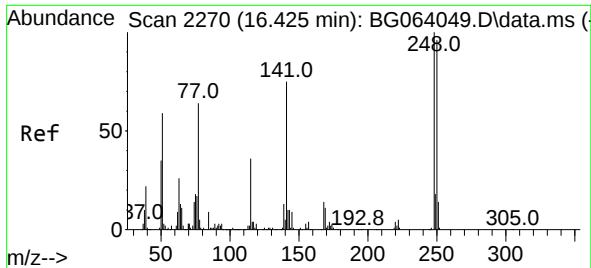
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#66
n-Nitrosodiphenylamine
Concen: 47.268 ng
RT: 15.747 min Scan# 2154
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:169 Resp: 317154
Ion Ratio Lower Upper
169 100
168 70.3 54.1 81.1
167 38.0 30.3 45.5





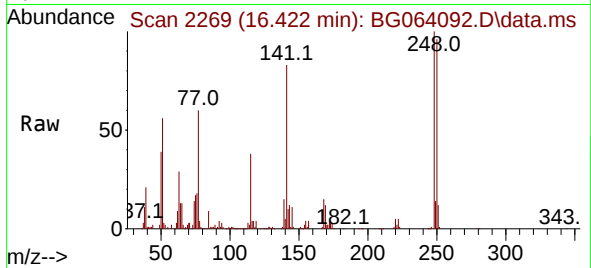
#67
4-Bromophenyl-phenylether
Concen: 48.460 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

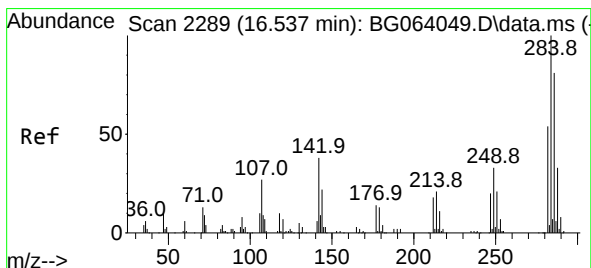
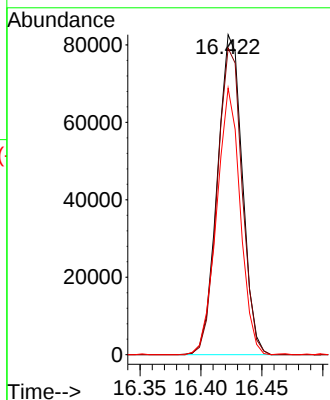
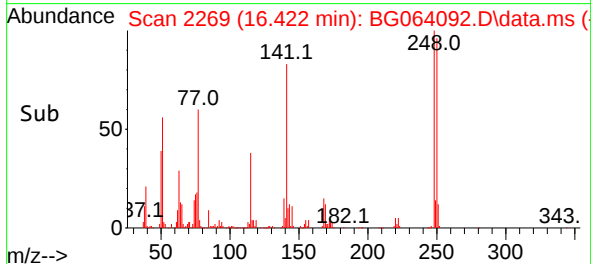


Tgt Ion:248 Resp: 11764
Ion Ratio Lower Upper
248 100
250 95.8 77.1 115.7
141 83.3 59.8 89.8

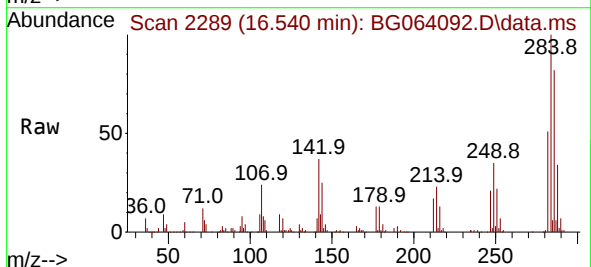
Manual Integrations

APPROVED

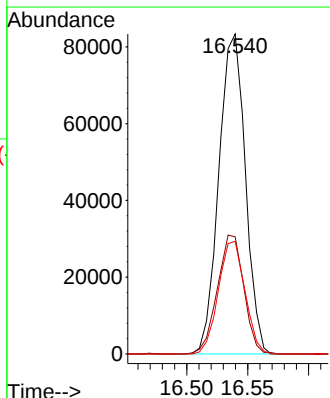
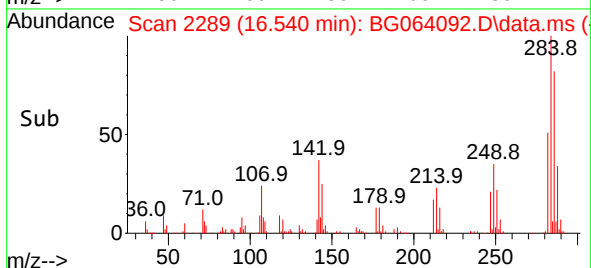
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

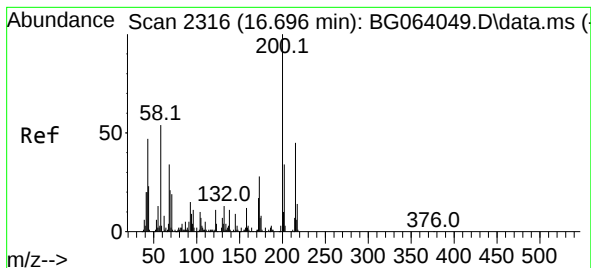


#68
Hexachlorobenzene
Concen: 46.475 ng
RT: 16.540 min Scan# 2289
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



Tgt Ion:284 Resp: 126317
Ion Ratio Lower Upper
284 100
142 36.6 30.6 45.8
249 35.2 26.6 39.8





#69

Atrazine

Concen: 69.153 ng

RT: 16.698 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

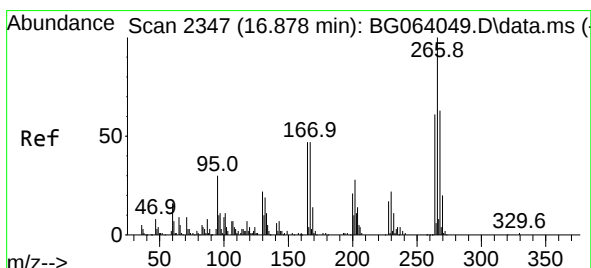
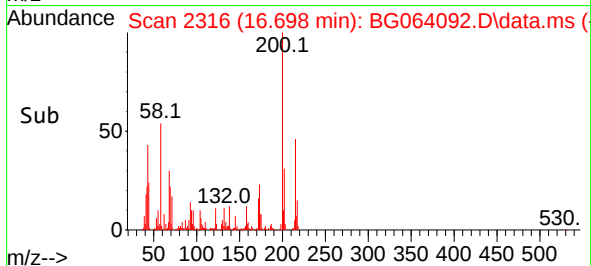
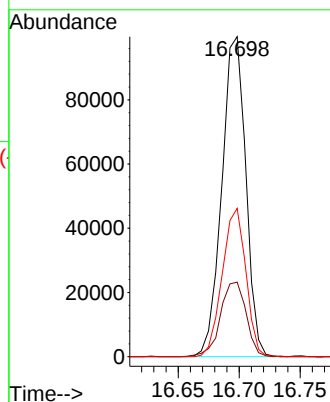
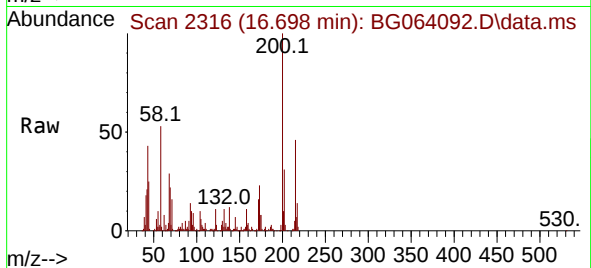
VNJ-241MSD

Tgt Ion:200 Resp: 13652
 Ion Ratio Lower Upper
 200 100
 173 23.3 8.2 48.2
 215 46.3 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#70

Pentachlorophenol

Concen: 111.368 ng

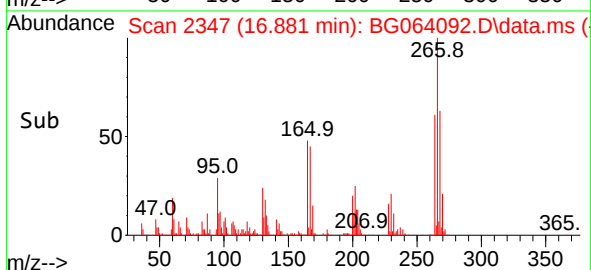
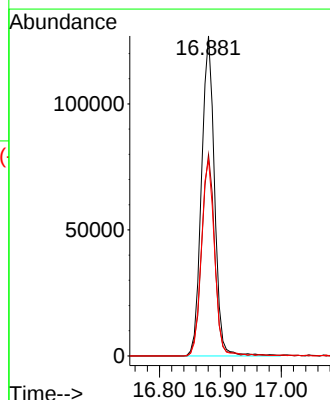
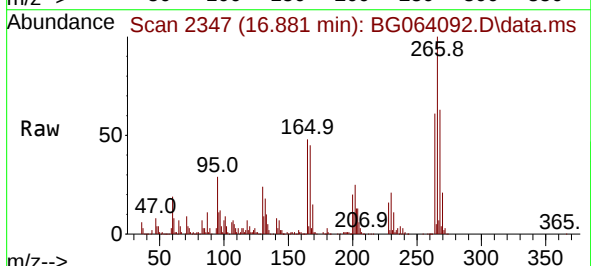
RT: 16.881 min Scan# 2347

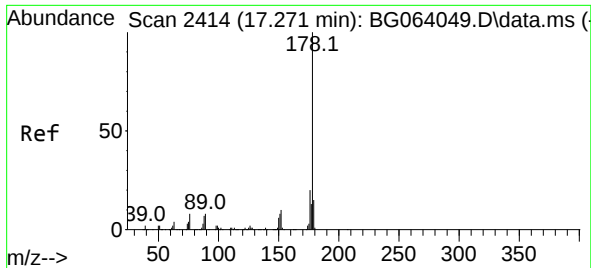
Delta R.T. 0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

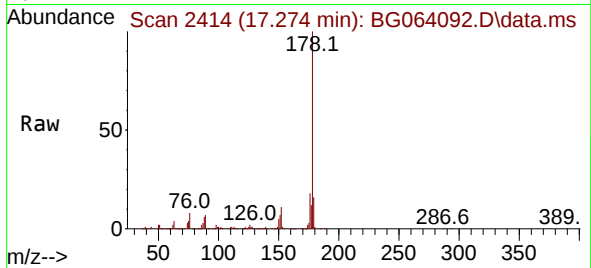
Tgt Ion:266 Resp: 187939
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.2 75.4
 264 61.3 48.9 73.3





#71
Phenanthrene
Concen: 53.408 ng
RT: 17.274 min Scan# 2414
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

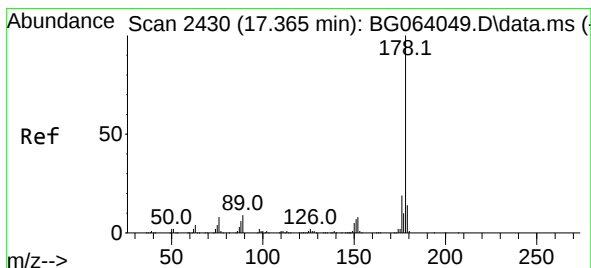
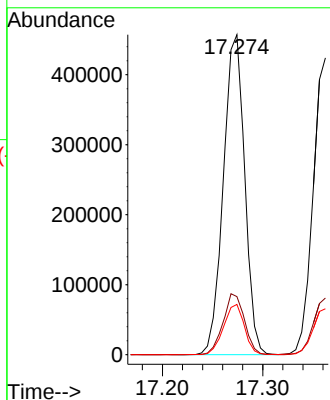
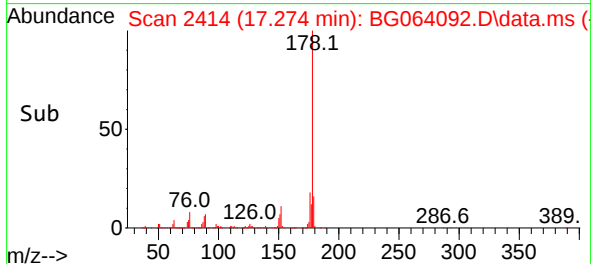
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



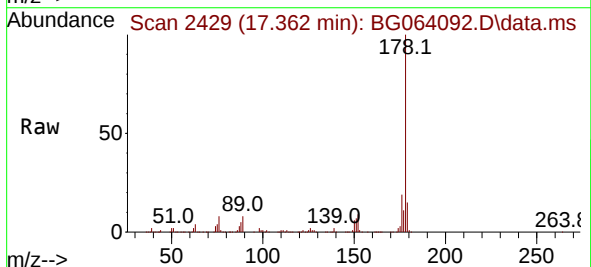
Tgt Ion:178 Resp: 67525
Ion Ratio Lower Upper
178 100
176 18.2 15.9 23.9
179 15.7 12.2 18.2

Manual Integrations
APPROVED

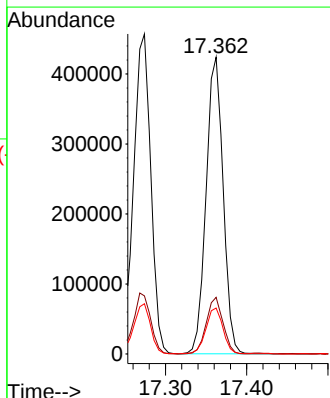
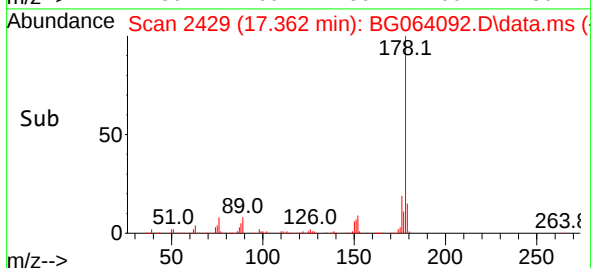
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

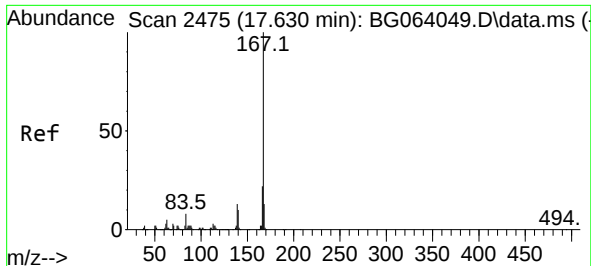


#72
Anthracene
Concen: 48.999 ng
RT: 17.362 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



Tgt Ion:178 Resp: 616012
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.5 11.5 17.3





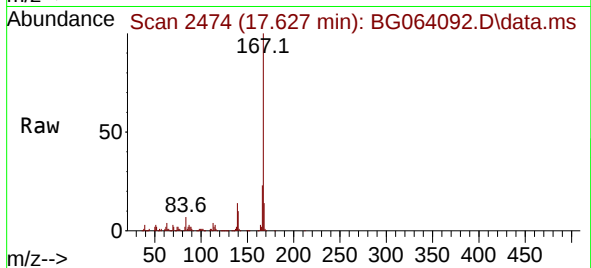
#73
Carbazole
Concen: 47.456 ng
RT: 17.627 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

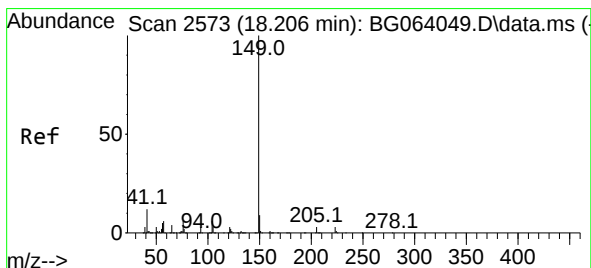
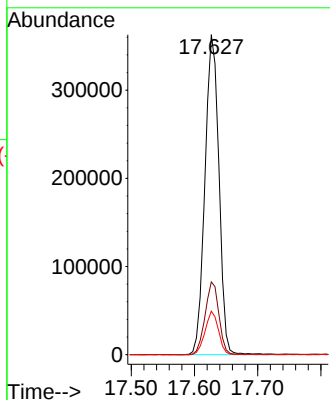
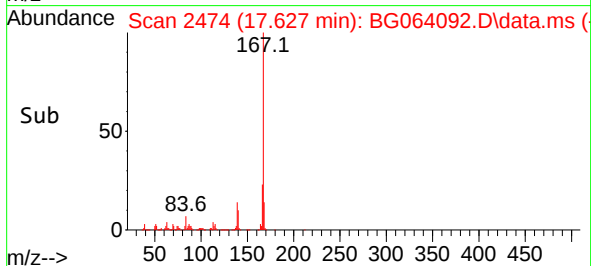


Tgt Ion:167 Resp: 557030
Ion Ratio Lower Upper
167 100
166 22.7 18.0 27.0
139 13.6 10.6 15.8

Manual Integrations

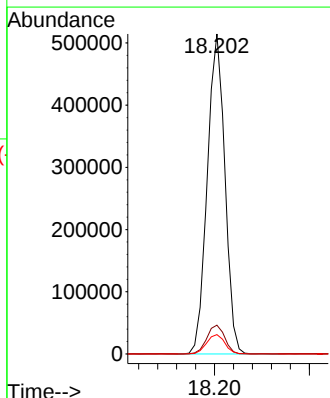
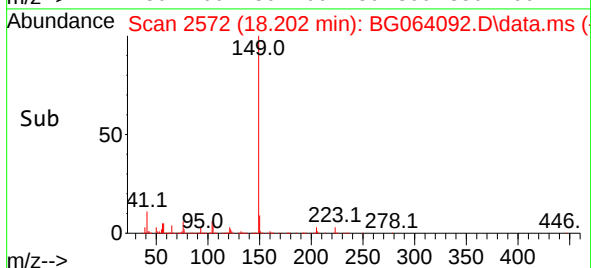
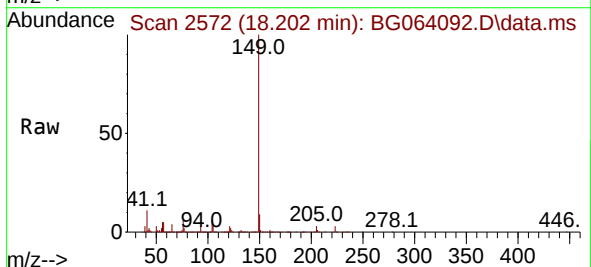
APPROVED

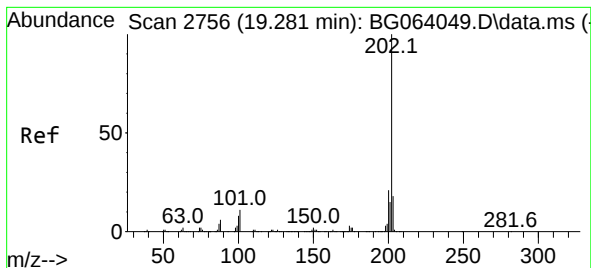
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#74
Di-n-butylphthalate
Concen: 47.938 ng
RT: 18.202 min Scan# 2572
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

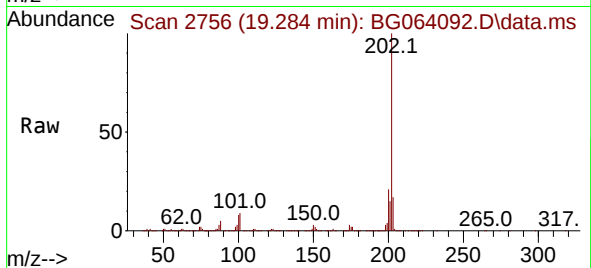
Tgt Ion:149 Resp: 662348
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 6.0 5.0 7.6





#75
Fluoranthene
Concen: 56.878 ng
RT: 19.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

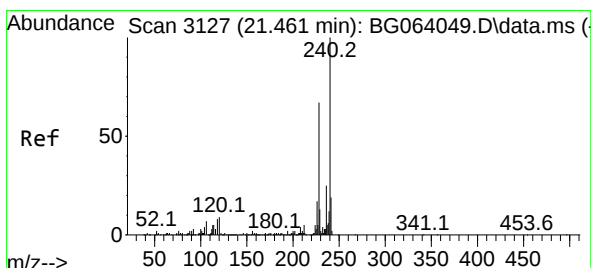
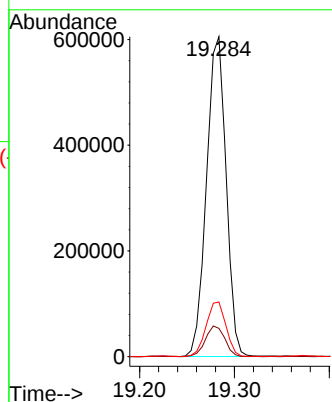
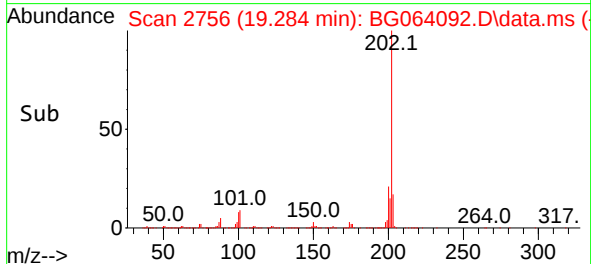
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



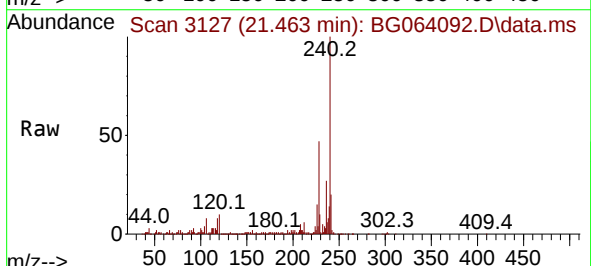
Tgt Ion:202 Resp: 86695
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.5
203 17.1 0.0 38.3

Manual Integrations
APPROVED

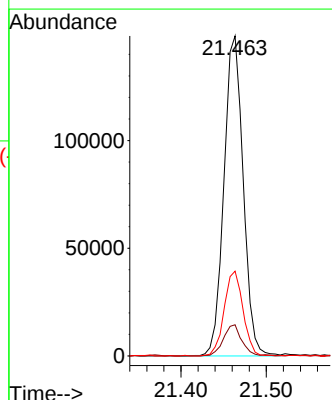
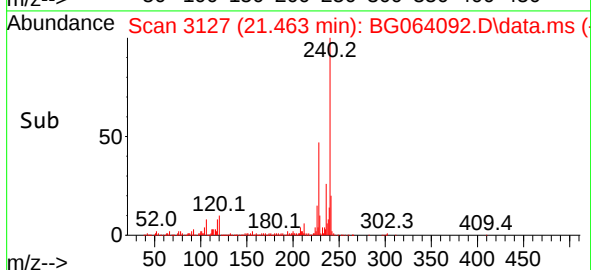
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025

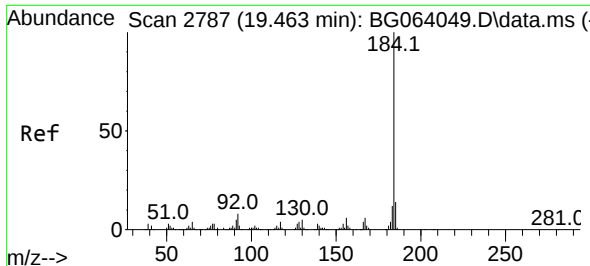


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.463 min Scan# 3127
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



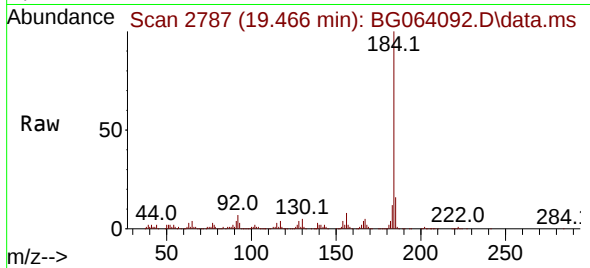
Tgt Ion:240 Resp: 233261
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 26.5 20.2 30.2





#77
Benzidine
Concen: 62.130 ng
RT: 19.466 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

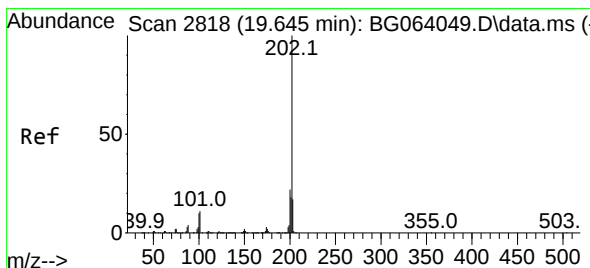
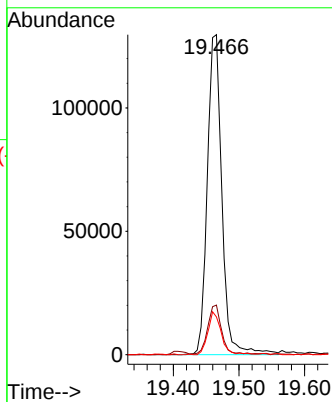
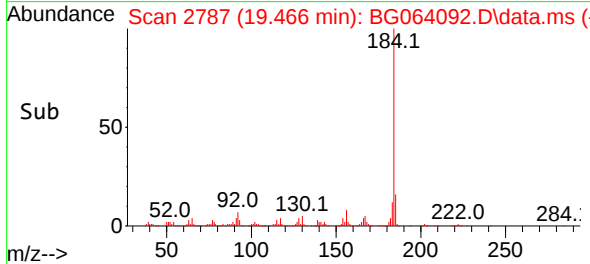
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:184 Resp: 200679
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 11.8 9.5 14.3

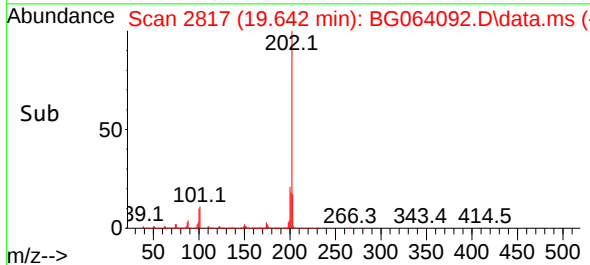
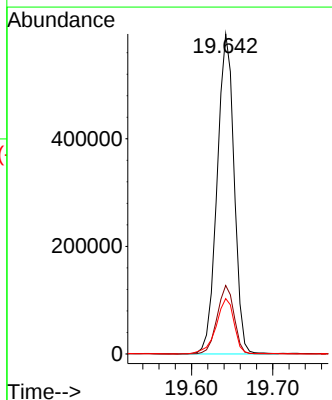
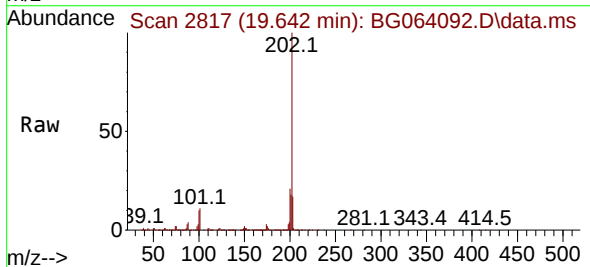
Manual Integrations
APPROVED

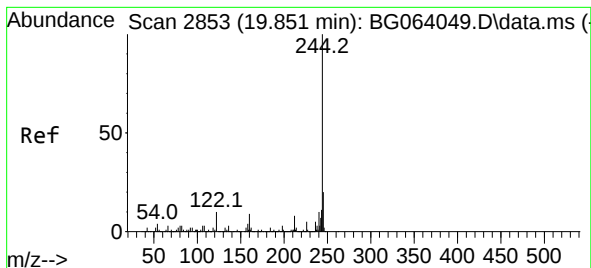
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#78
Pyrene
Concen: 57.690 ng
RT: 19.642 min Scan# 2817
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:202 Resp: 867448
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 17.3 13.6 20.4





#79

Terphenyl-d14

Concen: 73.473 ng

RT: 19.848 min Scan# 2852

Delta R.T. -0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD

Tgt Ion:244 Resp: 847600

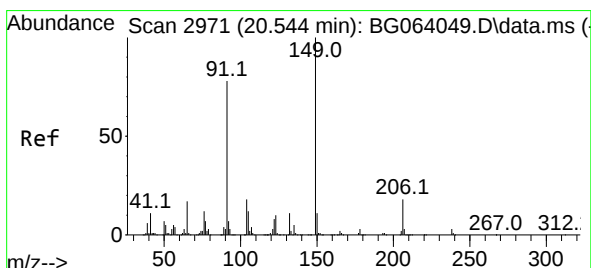
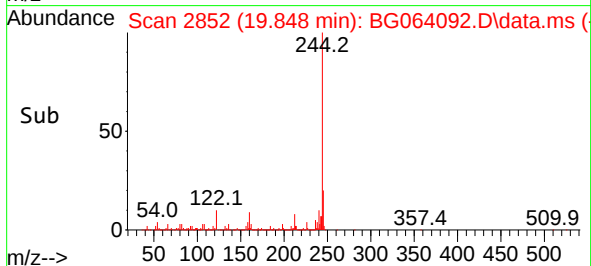
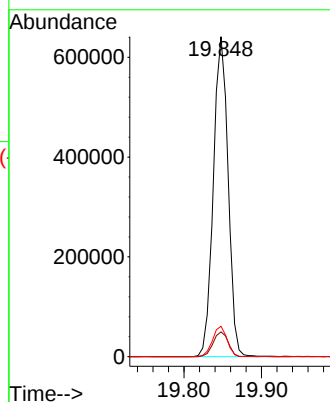
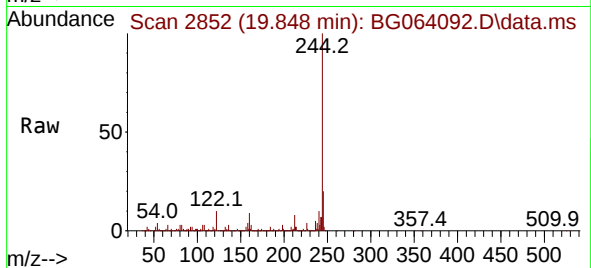
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	9.5	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#80

Butylbenzylphthalate

Concen: 52.193 ng

RT: 20.541 min Scan# 2970

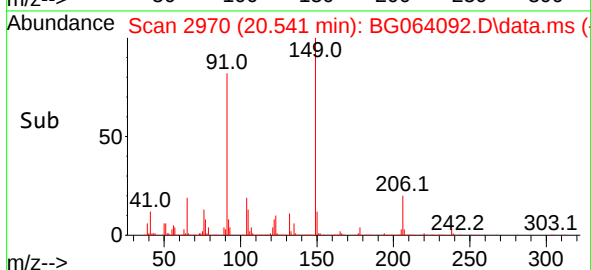
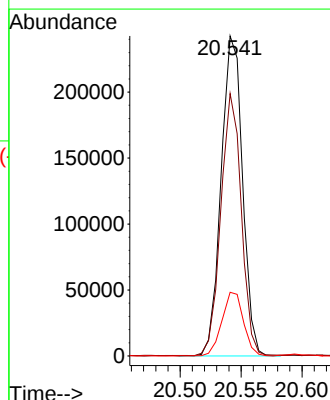
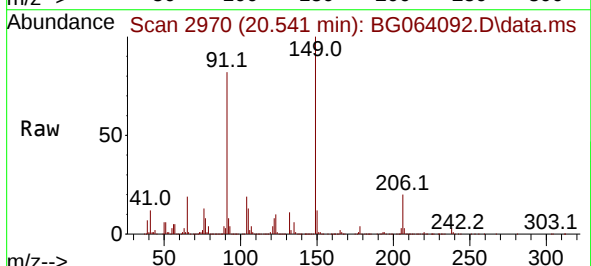
Delta R.T. -0.003 min

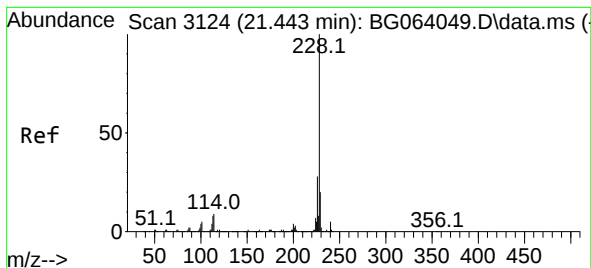
Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Tgt Ion:149 Resp: 296430

Ion	Ratio	Lower	Upper
149	100		
91	82.0	62.0	93.0
206	19.9	14.6	21.8





#81

Benzo(a)anthracene

Concen: 52.902 ng

RT: 21.446 min Scan# 3110

Delta R.T. 0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

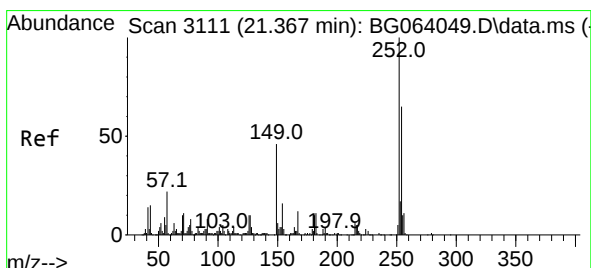
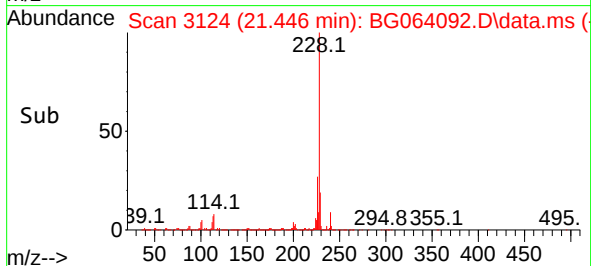
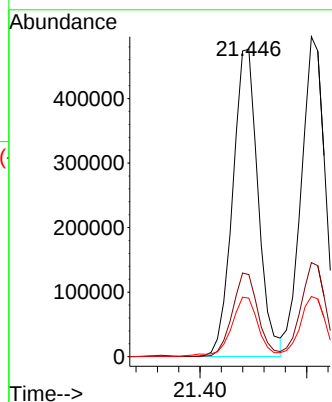
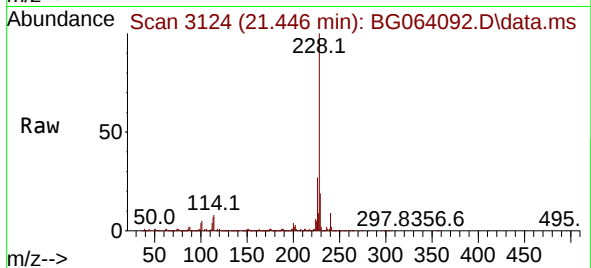
VNJ-241MSD

Tgt Ion:228 Resp: 79046
 Ion Ratio Lower Upper
 228 100
 226 26.7 22.2 33.2
 229 19.0 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#82

3,3'-Dichlorobenzidine

Concen: 24.972 ng

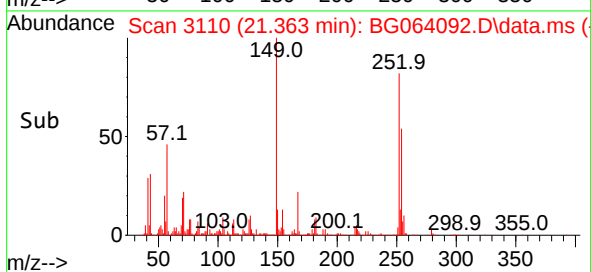
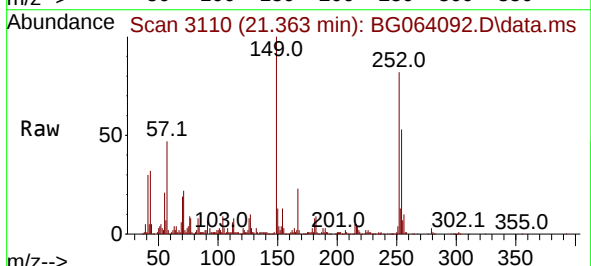
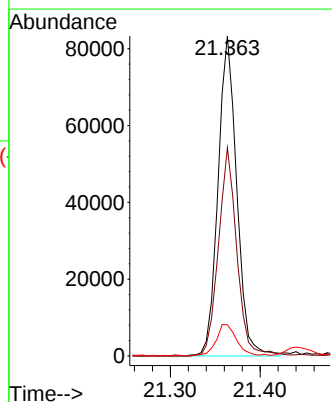
RT: 21.363 min Scan# 3110

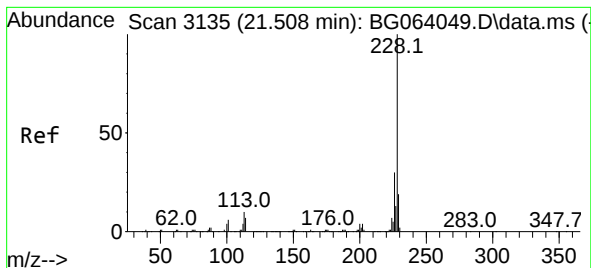
Delta R.T. -0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Tgt Ion:252 Resp: 120757
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.1 78.1
 126 9.8 7.8 11.8





#83

Chrysene

Concen: 51.753 ng

RT: 21.504 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG064092.D

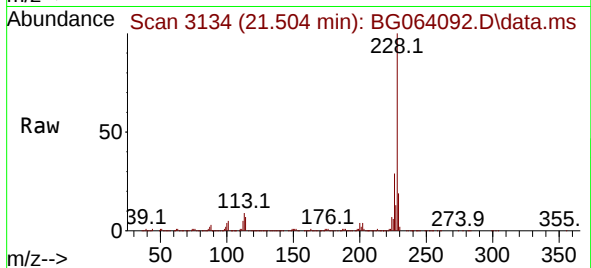
Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

VNJ-241MSD



Tgt Ion:228 Resp: 771260

Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

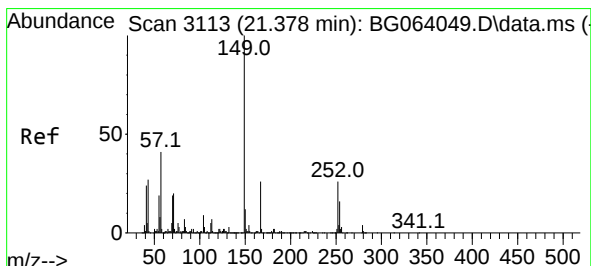
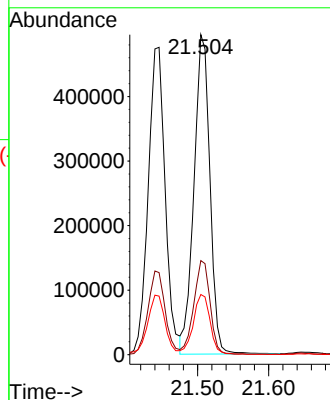
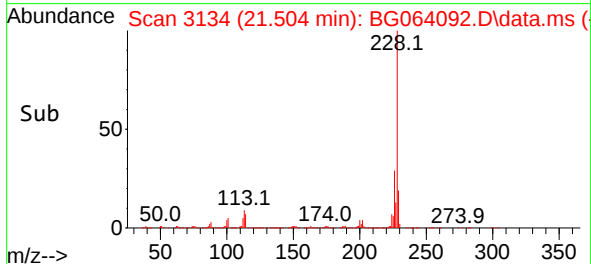
229 18.8 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025

Supervised By :Jagrut Upadhyay 03/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.741 ng

RT: 21.375 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

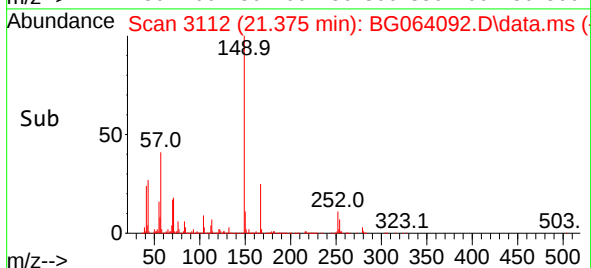
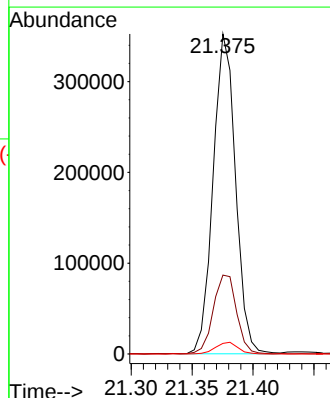
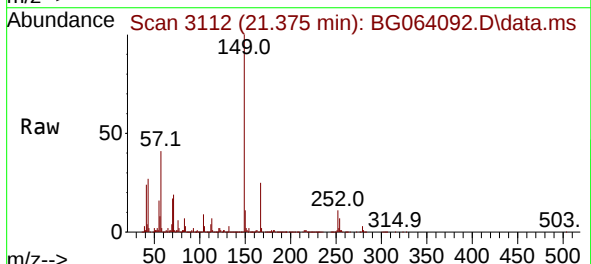
Tgt Ion:149 Resp: 450435

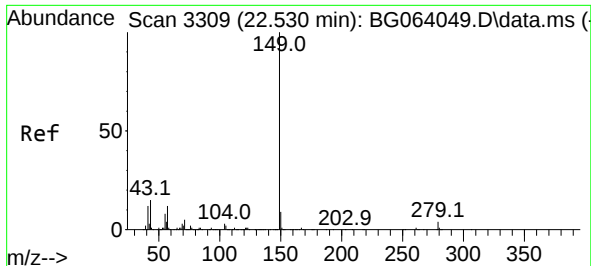
Ion Ratio Lower Upper

149 100

167 24.6 21.0 31.6

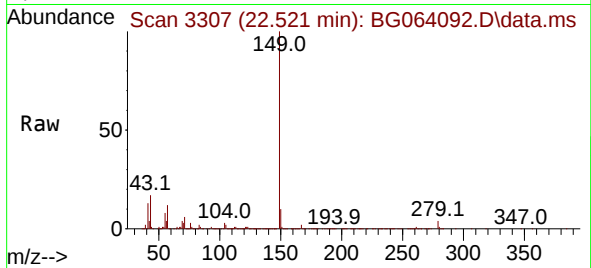
279 3.3 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 55.036 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

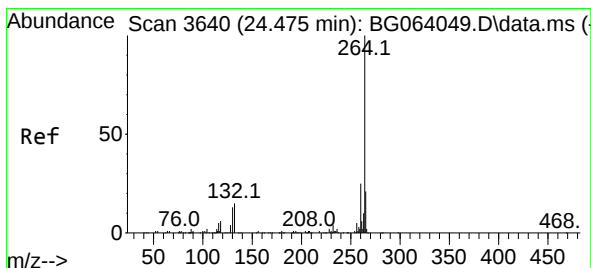
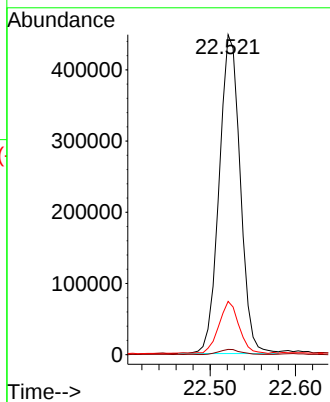
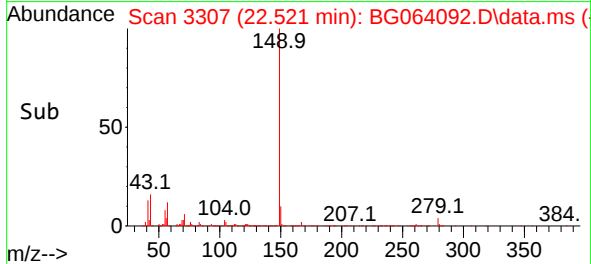
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:149 Resp: 767109
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 15.9 12.6 19.0

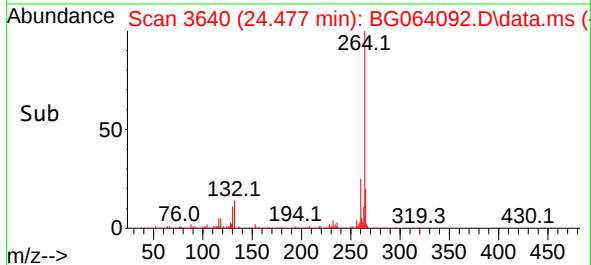
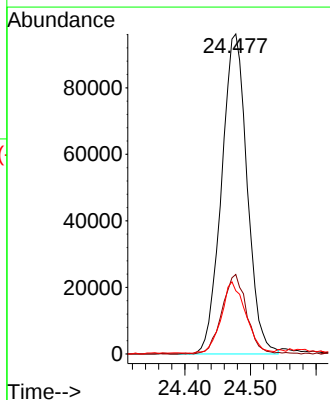
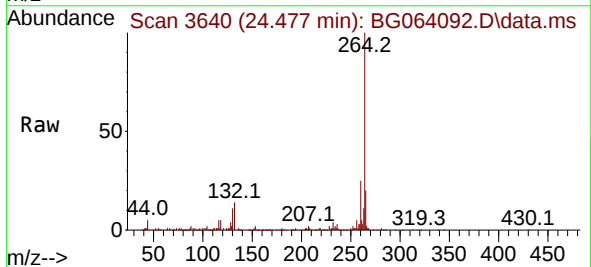
Manual Integrations
APPROVED

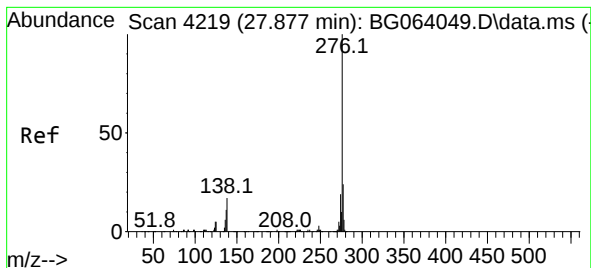
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3640
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

Tgt Ion:264 Resp: 259948
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 19.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.481 ng

RT: 27.885 min Scan# 4219

Delta R.T. 0.009 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

Instrument :

BNA_G

ClientSampleId :

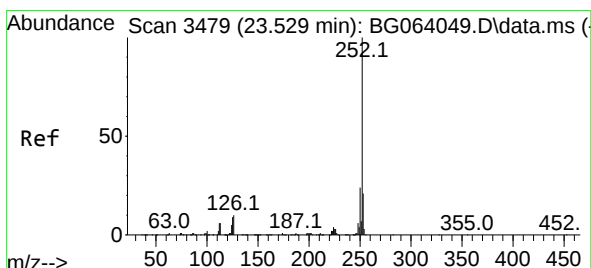
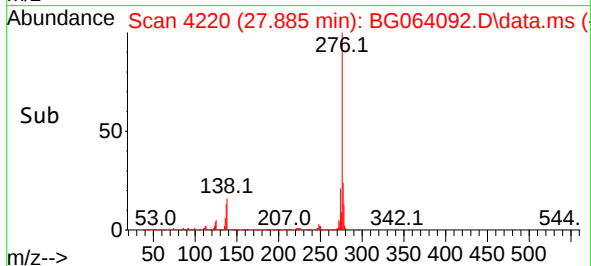
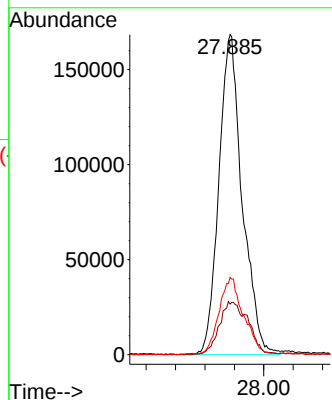
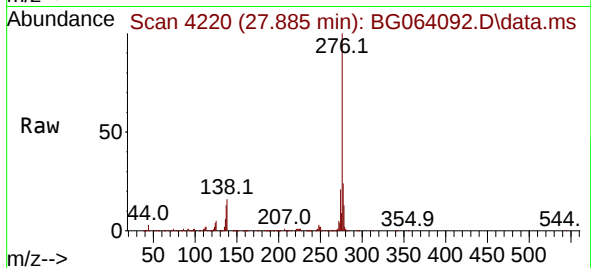
VNJ-241MSD

Tgt Ion:276 Resp: 930170
 Ion Ratio Lower Upper
 276 100
 138 14.7 12.1 18.1
 277 24.8 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/12/2025
 Supervised By :Jagrut Upadhyay 03/12/2025



#88

Benzo(b)fluoranthene

Concen: 54.042 ng

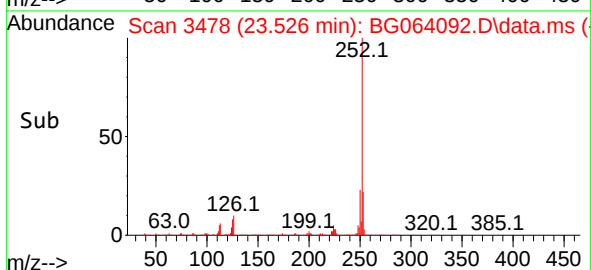
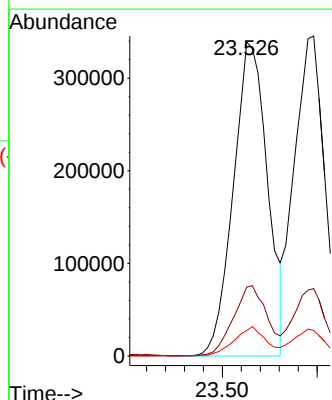
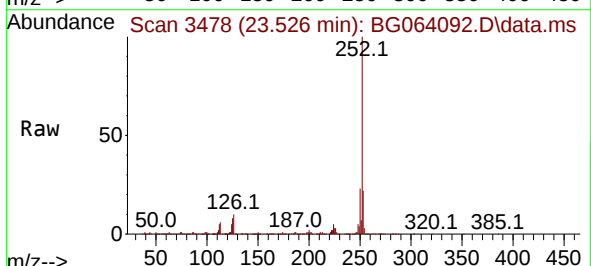
RT: 23.526 min Scan# 3478

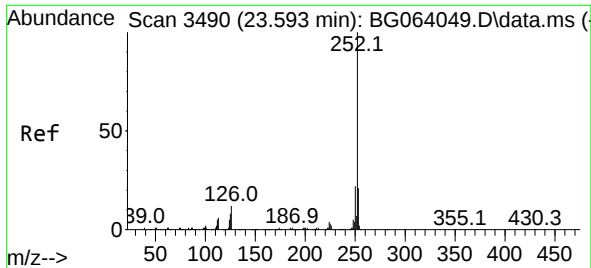
Delta R.T. -0.003 min

Lab File: BG064092.D

Acq: 11 Mar 2025 12:34

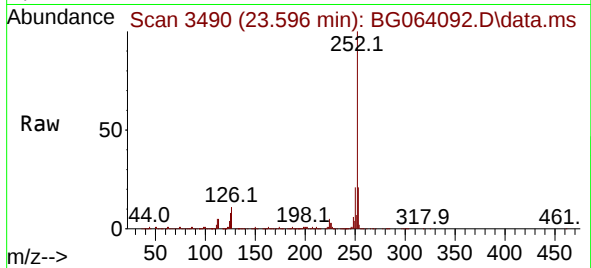
Tgt Ion:252 Resp: 849260
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.4
 125 8.1 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 49.186 ng
RT: 23.596 min Scan# 3490
Delta R.T. 0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

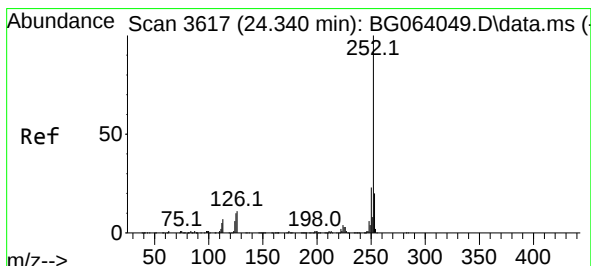
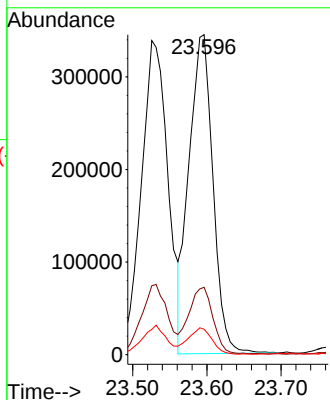
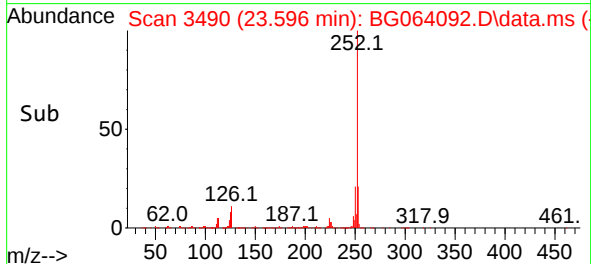
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



Tgt Ion:252 Resp: 775418
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 8.0 6.9 10.3

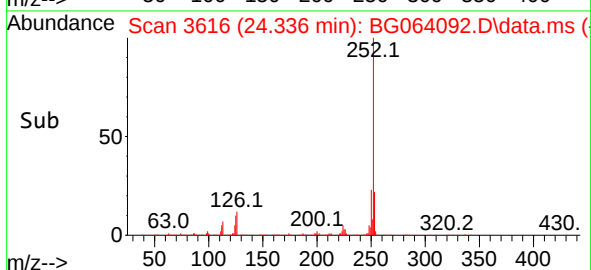
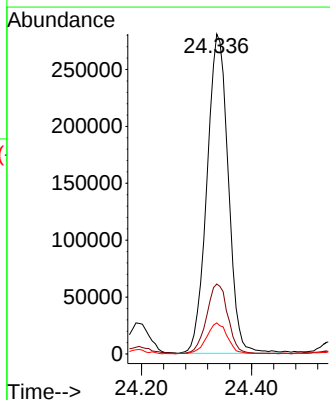
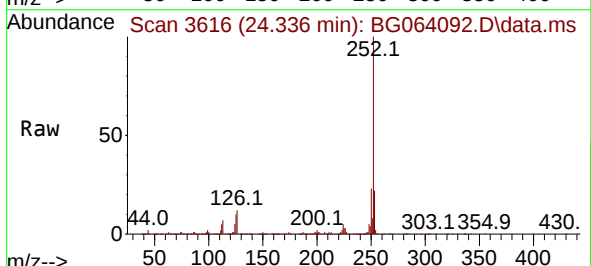
Manual Integrations
APPROVED

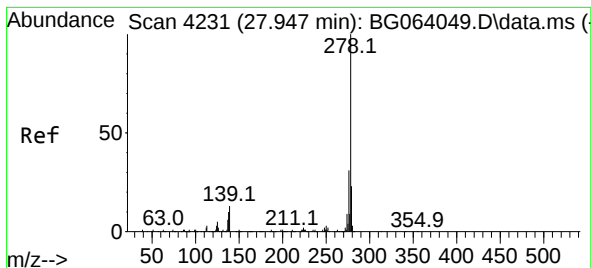
Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#90
Benzo(a)pyrene
Concen: 53.955 ng
RT: 24.336 min Scan# 3616
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

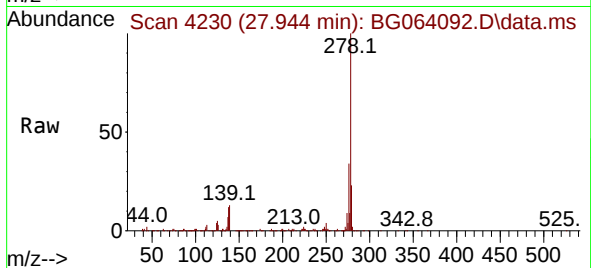
Tgt Ion:252 Resp: 755131
Ion Ratio Lower Upper
252 100
253 21.9 16.2 24.2
125 9.7 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 48.834 ng
RT: 27.944 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34

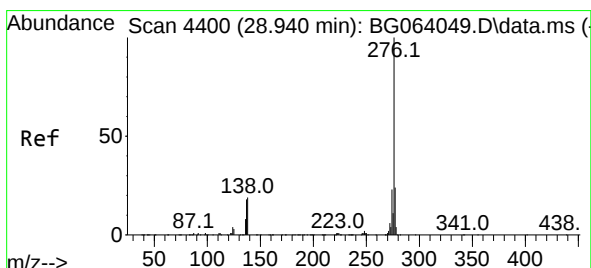
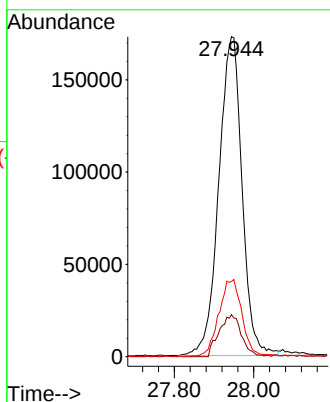
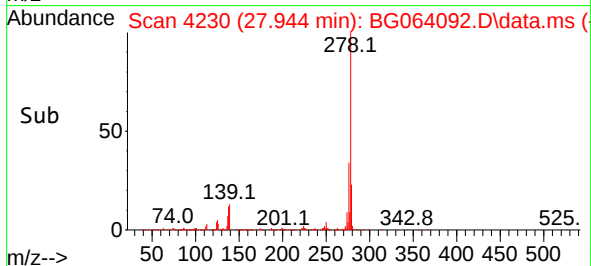
Instrument :
BNA_G
ClientSampleId :
VNJ-241MSD



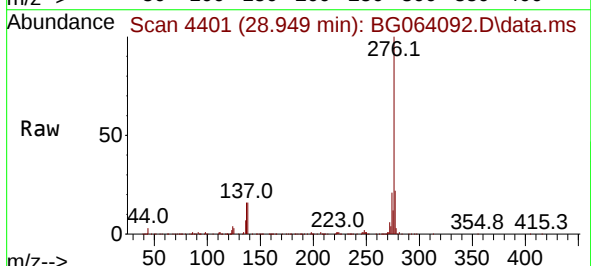
Tgt Ion: 278 Resp: 70414
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.2
279 23.5 18.1 27.1

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/12/2025
Supervised By :Jagrut Upadhyay 03/12/2025



#92
Benzo(g,h,i)perylene
Concen: 49.133 ng
RT: 28.949 min Scan# 4401
Delta R.T. 0.009 min
Lab File: BG064092.D
Acq: 11 Mar 2025 12:34



Tgt Ion: 276 Resp: 727372
Ion Ratio Lower Upper
276 100
277 21.9 19.5 29.3
138 15.8 15.4 23.0

