

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064185.D
 Acq On : 4 Apr 2025 3:25
 Operator : RC/JU
 Sample : Q1680-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 04:16:44 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	7.859	152	29308	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	141468	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	108737	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	244845	20.000	ng	0.00
76) Chrysene-d12	21.455	240	240423	20.000	ng	0.00
86) Perylene-d12	24.463	264	264527	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	271498	144.646	ng	0.00
7) Phenol-d6	7.031	99	348463	136.469	ng	0.00
23) Nitrobenzene-d5	9.011	82	281990	110.154	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	217287	179.771	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	697179	97.321	ng	-0.01
79) Terphenyl-d14	19.845	244	1233035	103.700	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.371	88	25542	30.026	ng	# 78
3) Pyridine	3.764	79	69503	33.596	ng	95
4) n-Nitrosodimethylamine	3.670	42	67330	45.552	ng	88
6) Aniline	7.190	93	113439	45.275	ng	99
8) 2-Chlorophenol	7.425	128	116252	57.668	ng	96
9) Benzaldehyde	6.996	77	54881	36.956	ng	92
10) Phenol	7.054	94	137230	52.492	ng	97
11) bis(2-Chloroethyl)ether	7.284	93	100458	49.014	ng	99
12) 1,3-Dichlorobenzene	7.748	146	106029	47.896	ng	93
13) 1,4-Dichlorobenzene	7.895	146	107812	47.514	ng	98
14) 1,2-Dichlorobenzene	8.212	146	108847	49.748	ng	98
15) Benzyl Alcohol	8.094	79	121919	61.789	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.382	45	235783	51.162	ng	99
17) 2-Methylphenol	8.300	107	106310	61.271	ng	98
18) Hexachloroethane	8.940	117	44182	55.653	ng	97
19) n-Nitroso-di-n-propyla...	8.664	70	102320	57.098	ng	94
20) 3+4-Methylphenols	8.623	107	147111	61.587	ng	93
22) Acetophenone	8.676	105	194493	50.143	ng	96
24) Nitrobenzene	9.052	77	145733	55.085	ng	98
25) Isophorone	9.575	82	289912	56.581	ng	95
26) 2-Nitrophenol	9.757	139	63619	64.526	ng	95
27) 2,4-Dimethylphenol	9.822	122	132940	86.546	ng	97
28) bis(2-Chloroethoxy)met...	10.057	93	162533	52.321	ng	99
29) 2,4-Dichlorophenol	10.298	162	123980	63.921	ng	97
30) 1,2,4-Trichlorobenzene	10.509	180	120607	51.510	ng	98
31) Naphthalene	10.697	128	385328	50.513	ng	99
32) Benzoic acid	9.910	122	6586m	12.513	ng	
33) 4-Chloroaniline	10.797	127	26459	9.490	ng	93
34) Hexachlorobutadiene	10.991	225	83161	54.186	ng	99
35) Caprolactam	11.573	113	37431m	50.359	ng	
36) 4-Chloro-3-methylphenol	11.931	107	161313	63.448	ng	96
37) 2-Methylnaphthalene	12.307	142	268491	49.856	ng	94
38) 1-Methylnaphthalene	12.525	142	291032	55.161	ng	95
40) 1,2,4,5-Tetrachloroben...	12.677	216	157845	50.846	ng	97
41) Hexachlorocyclopentadiene	12.660	237	219224	250.906	ng	96
43) 2,4,6-Trichlorophenol	12.912	196	116122	63.468	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064185.D
 Acq On : 4 Apr 2025 3:25
 Operator : RC/JU
 Sample : Q1680-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 04:16:44 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	12.983	196	129132	63.519	ng	98
46) 1,1'-Biphenyl	13.318	154	429252	52.251	ng	98
47) 2-Chloronaphthalene	13.359	162	320985	53.573	ng	98
48) 2-Nitroaniline	13.559	65	132885	62.932	ng	98
49) Acenaphthylene	14.205	152	557690	58.847	ng	100
50) Dimethylphthalate	13.946	163	455301	56.723	ng	100
51) 2,6-Dinitrotoluene	14.058	165	99365	60.109	ng	94
52) Acenaphthene	14.546	154	336790	52.953	ng	99
53) 3-Nitroaniline	14.381	138	43959	28.336	ng	98
54) 2,4-Dinitrophenol	14.587	184	21463	36.380	ng	# 64
55) Dibenzofuran	14.881	168	542109	52.615	ng	95
56) 4-Nitrophenol	14.698	139	130584	100.367	ng	# 83
57) 2,4-Dinitrotoluene	14.845	165	142804	62.375	ng	# 98
58) Fluorene	15.533	166	440682	54.915	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	126226m	63.689	ng	
60) Diethylphthalate	15.310	149	487576	55.955	ng	100
61) 4-Chlorophenyl-phenyle...	15.527	204	217280	54.486	ng	90
62) 4-Nitroaniline	15.550	138	92845	55.434	ng	88
63) Azobenzene	15.821	77	493591	53.084	ng	96
65) 4,6-Dinitro-2-methylph...	15.609	198	28372	30.431	ng	97
66) n-Nitrosodiphenylamine	15.744	169	396995	57.281	ng	98
67) 4-Bromophenyl-phenylether	16.420	248	154749	61.710	ng	99
68) Hexachlorobenzene	16.537	284	162436	57.859	ng	96
69) Atrazine	16.690	200	155475	76.243	ng	97
70) Pentachlorophenol	16.878	266	128987	73.998	ng	96
71) Phenanthrene	17.266	178	725225	55.532	ng	100
72) Anthracene	17.354	178	751420	57.865	ng	99
73) Carbazole	17.624	167	667232	55.032	ng	99
74) Di-n-butylphthalate	18.194	149	820592	57.498	ng	99
75) Fluoranthene	19.275	202	839284	53.308	ng	97
77) Benzidine	19.458	184	161528	48.519	ng	99
78) Pyrene	19.634	202	857599	55.336	ng	99
80) Butylbenzylphthalate	20.533	149	372496	62.835	ng	99
81) Benzo(a)anthracene	21.438	228	884301	57.419	ng	98
82) 3,3'-Dichlorobenzidine	21.355	252	150995	30.294	ng	97
83) Chrysene	21.496	228	834025	54.297	ng	98
84) Bis(2-ethylhexyl)phtha...	21.367	149	552511	66.336	ng	99
85) Di-n-octyl phthalate	22.507	149	936442	65.183	ng	98
87) Indeno(1,2,3-cd)pyrene	27.865	276	1028126	58.090	ng	# 95
88) Benzo(b)fluoranthene	23.518	252	873185	54.603	ng	98
89) Benzo(k)fluoranthene	23.582	252	856251	53.373	ng	98
90) Benzo(a)pyrene	24.328	252	841969	59.119	ng	98
91) Dibenzo(a,h)anthracene	27.924	278	851834	58.054	ng	96
92) Benzo(g,h,i)perylene	28.929	276	799963	53.101	ng	96

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

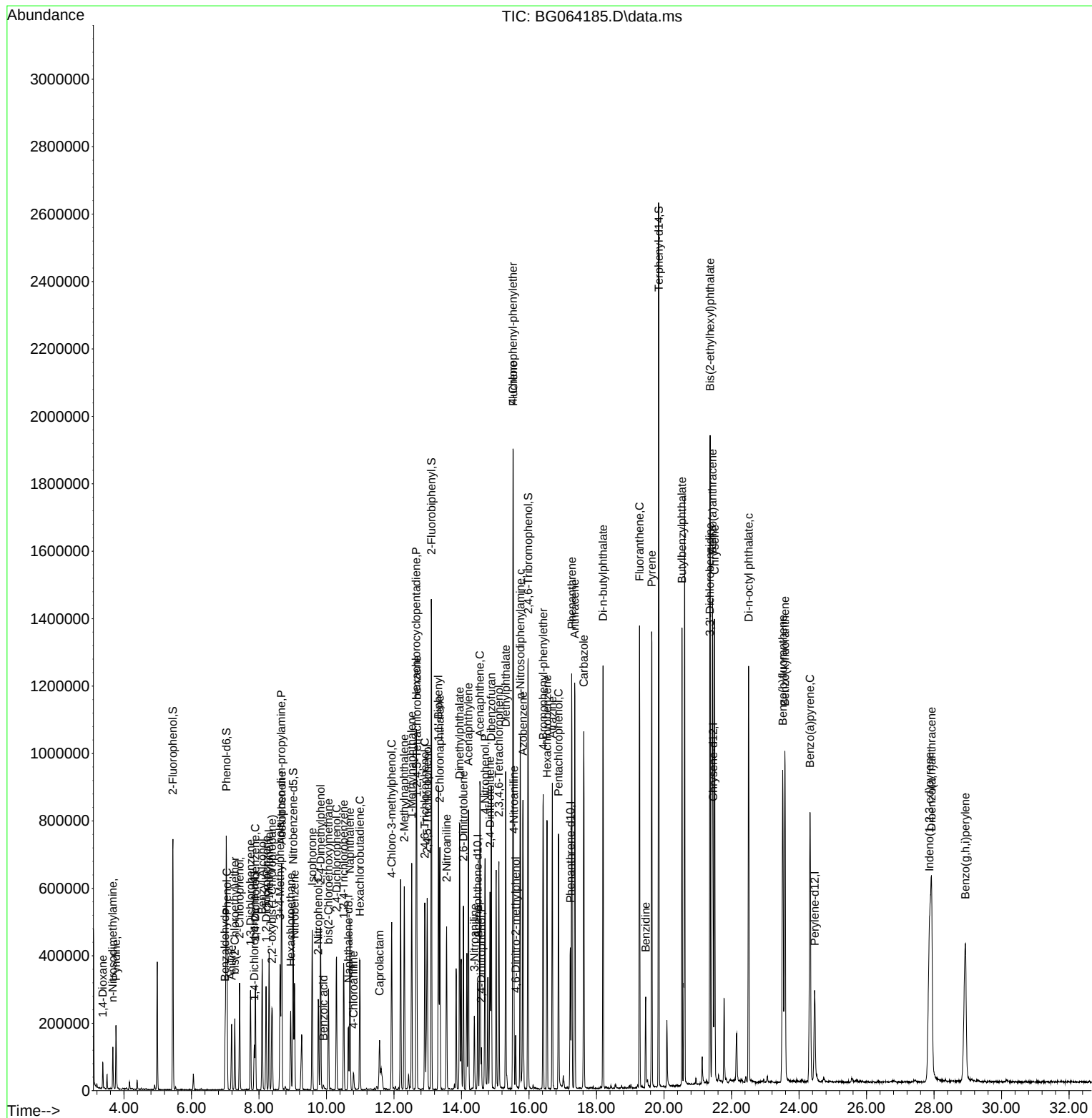
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064185.D
 Acq On : 4 Apr 2025 3:25
 Operator : RC/JU
 Sample : Q1680-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

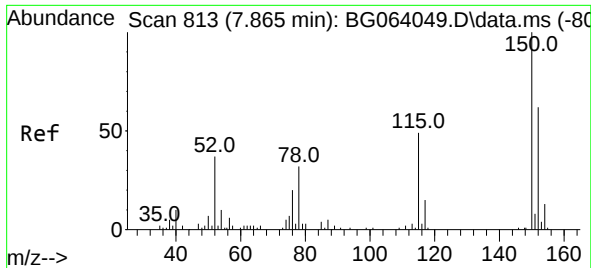
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

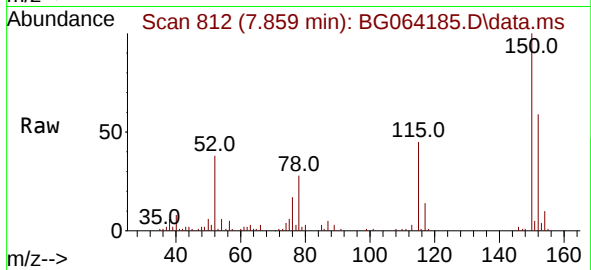
Quant Time: Apr 04 04:16:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

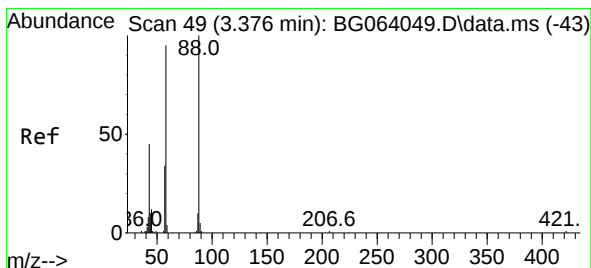
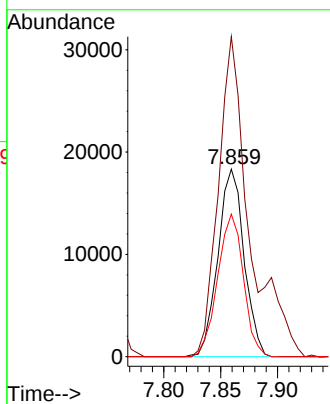
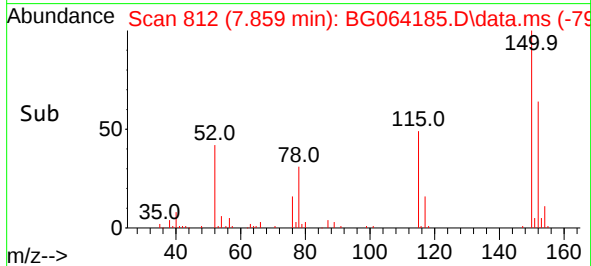
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:152 Resp: 29308
Ion Ratio Lower Upper
152 100
150 170.6 129.2 193.8
115 76.0 63.0 94.6

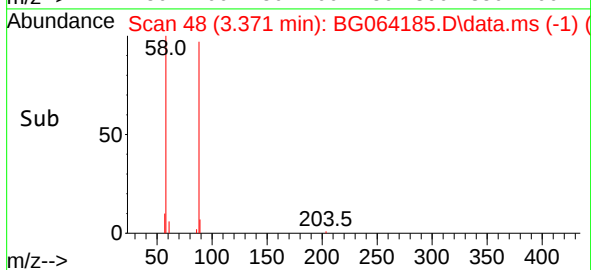
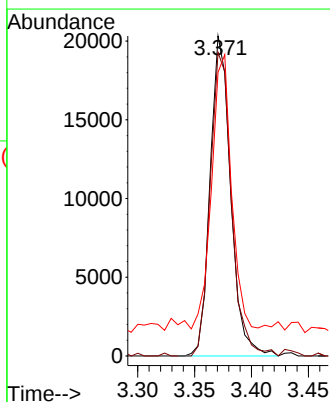
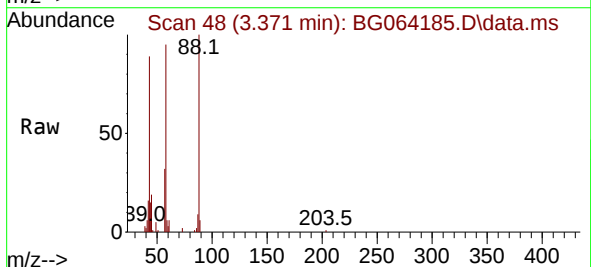
Manual Integrations
APPROVED

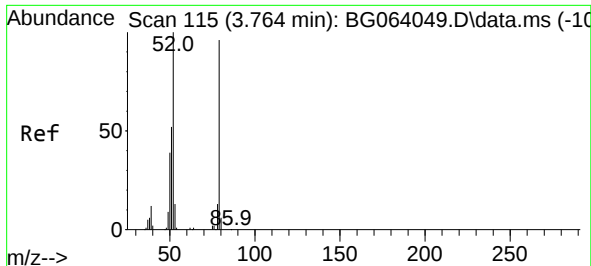
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#2
1,4-Dioxane
Concen: 30.026 ng
RT: 3.371 min Scan# 48
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Tgt Ion: 88 Resp: 25542
Ion Ratio Lower Upper
88 100
58 98.3 74.6 111.8
43 82.4 35.5 53.3





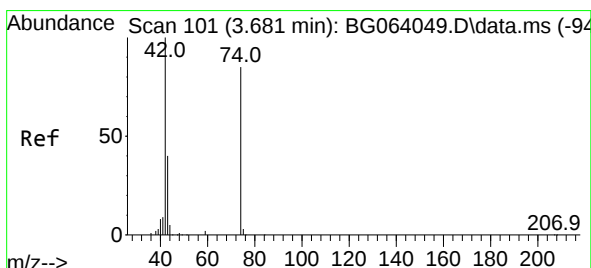
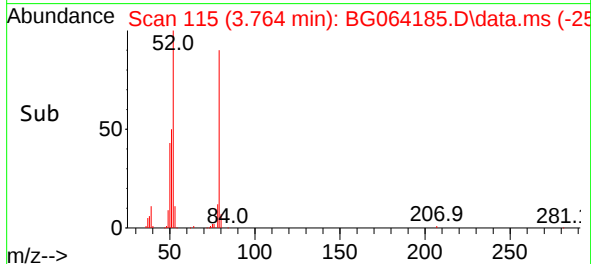
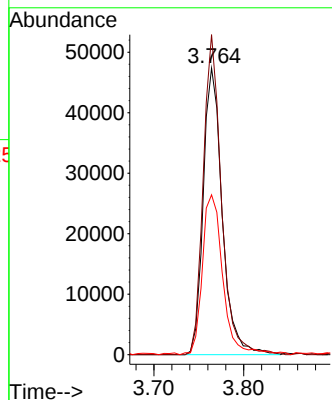
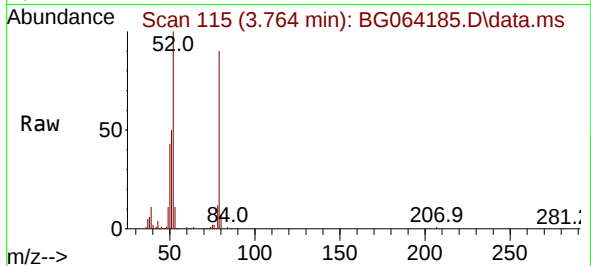
#3
Pyridine
Concen: 33.596 ng
RT: 3.764 min Scan# 115
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion: 79 Resp: 6950
Ion Ratio Lower Upper
79 100
52 111.7 83.0 124.6
51 55.8 44.3 66.5

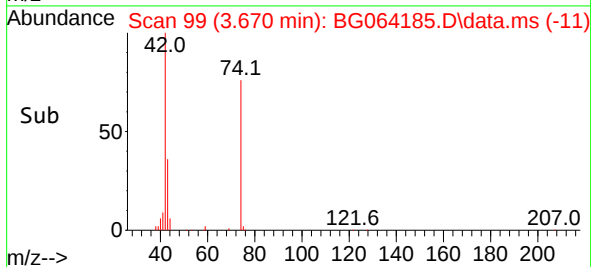
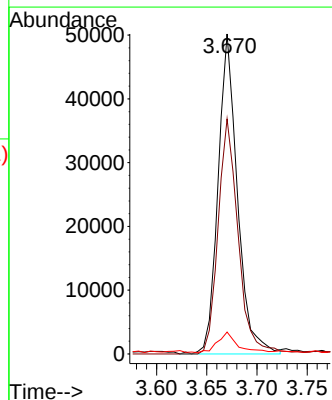
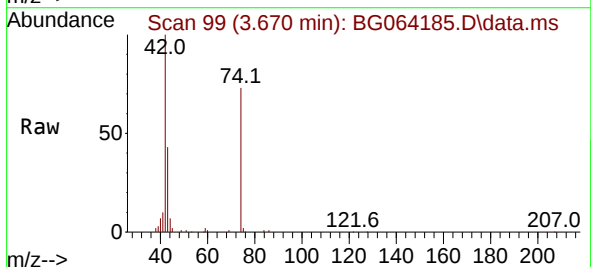
Manual Integrations
APPROVED

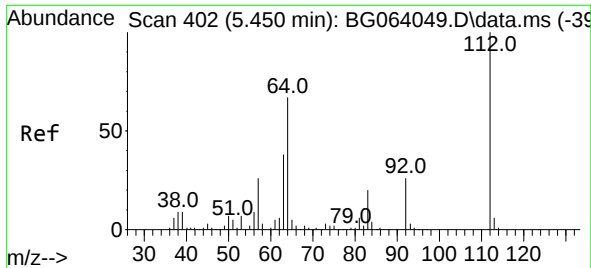
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#4
n-Nitrosodimethylamine
Concen: 45.552 ng
RT: 3.670 min Scan# 99
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Tgt Ion: 42 Resp: 67330
Ion Ratio Lower Upper
42 100
74 73.4 68.0 102.0
44 6.9 4.9 7.3





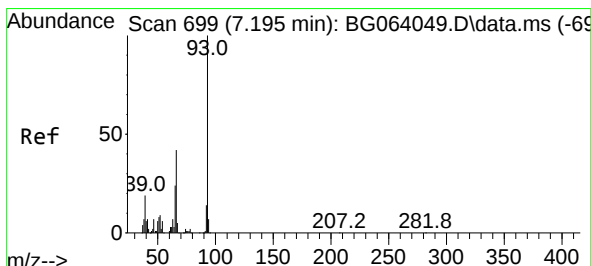
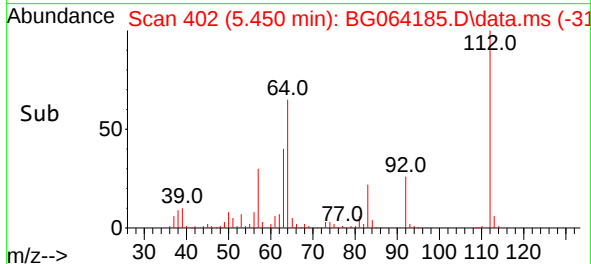
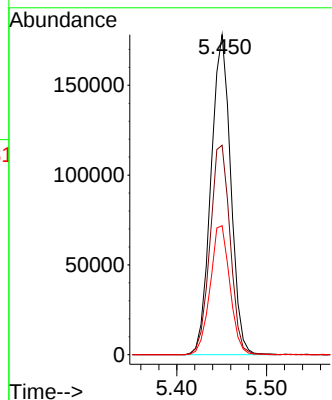
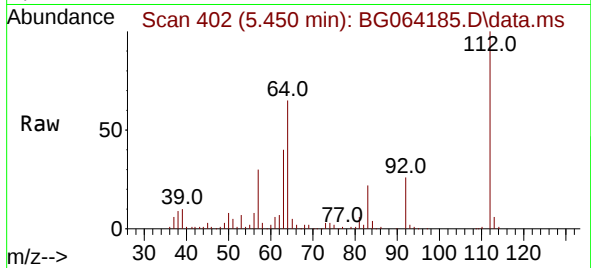
#5
2-Fluorophenol
Concen: 144.646 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:112 Resp: 271498
Ion Ratio Lower Upper
112 100
64 65.4 53.7 80.5
63 40.3 30.2 45.4

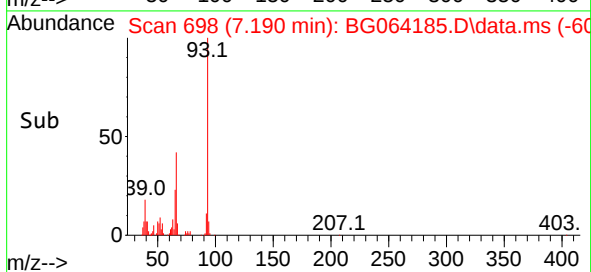
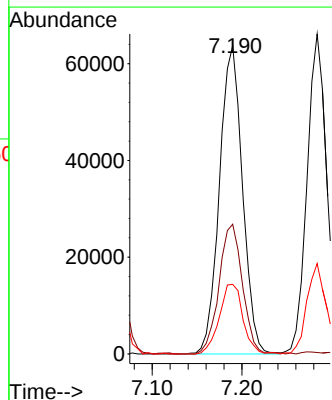
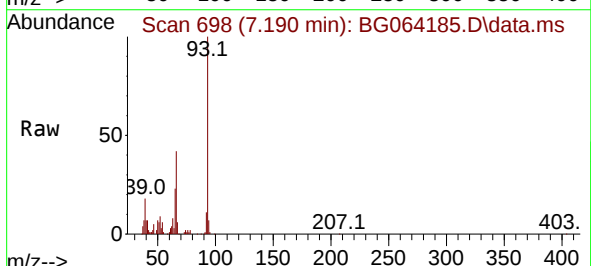
Manual Integrations
APPROVED

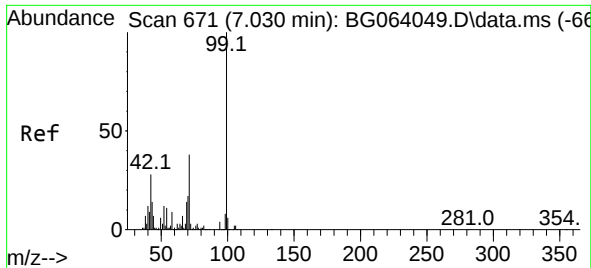
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#6
Aniline
Concen: 45.275 ng
RT: 7.190 min Scan# 698
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

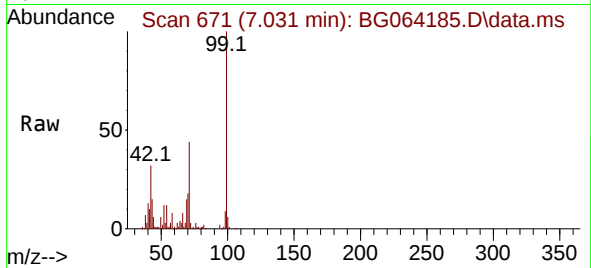
Tgt Ion: 93 Resp: 113439
Ion Ratio Lower Upper
93 100
66 42.1 33.7 50.5
65 22.6 19.1 28.7





#7
Phenol-d6
Concen: 136.469 ng
RT: 7.031 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

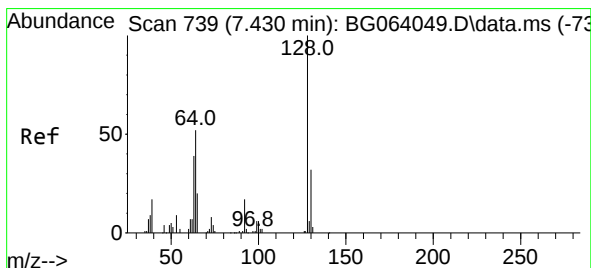
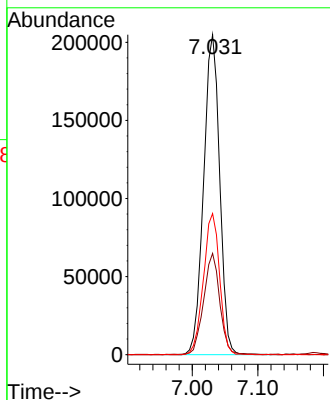
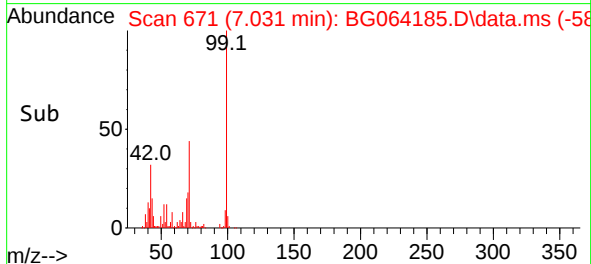
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion: 99 Resp: 34846
Ion Ratio Lower Upper
99 100
42 31.7 22.7 34.1
71 44.1 30.6 46.0

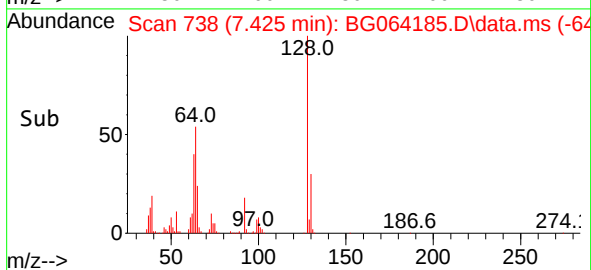
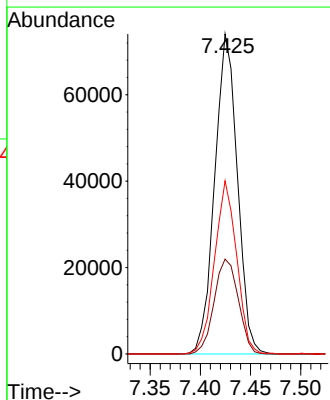
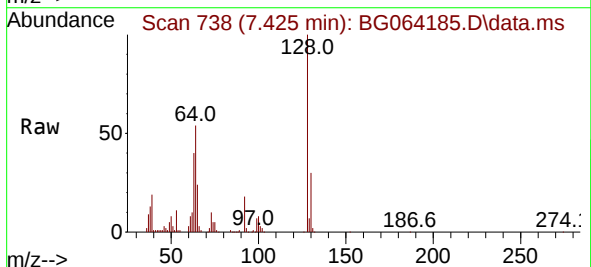
Manual Integrations
APPROVED

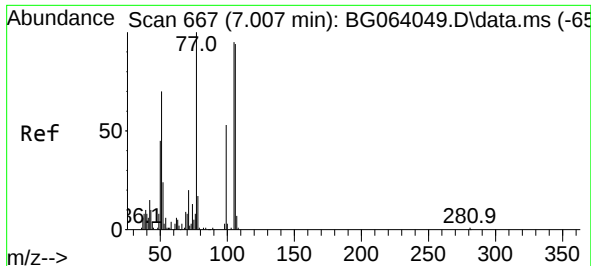
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#8
2-Chlorophenol
Concen: 57.668 ng
RT: 7.425 min Scan# 738
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

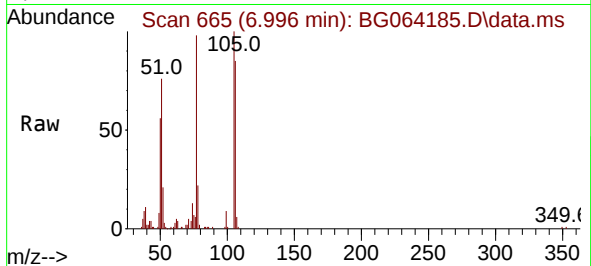
Tgt Ion:128 Resp: 116252
Ion Ratio Lower Upper
128 100
130 29.7 12.3 52.3
64 54.1 37.0 77.0





#9
Benzaldehyde
Concen: 36.956 ng
RT: 6.996 min Scan# 665
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

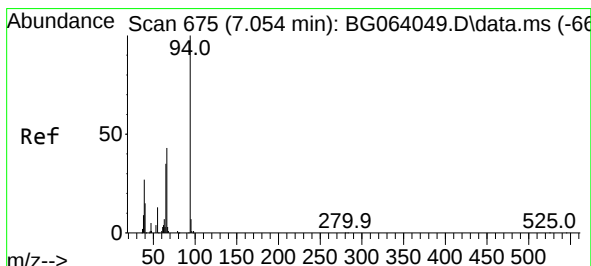
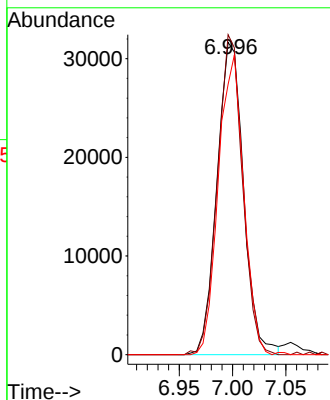
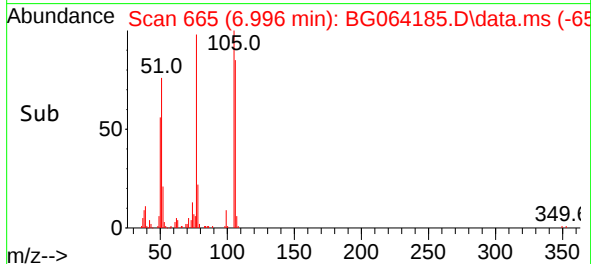
Instrument :
BNA_G
Client SampleId :
TP-4MSD



Tgt Ion: 77 Resp: 5488
Ion Ratio Lower Upper
77 100
105 102.5 75.5 115.5
106 86.6 74.2 114.2

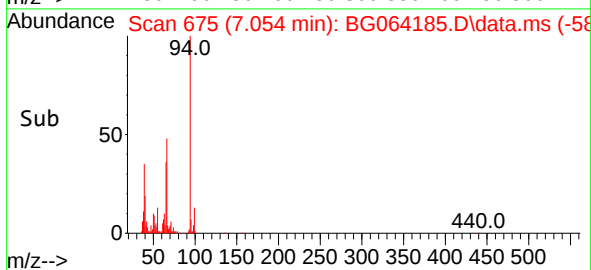
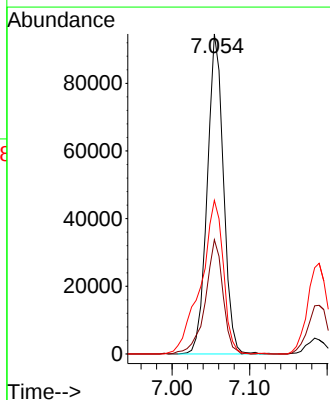
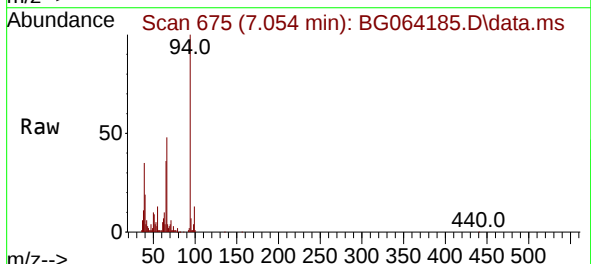
Manual Integrations
APPROVED

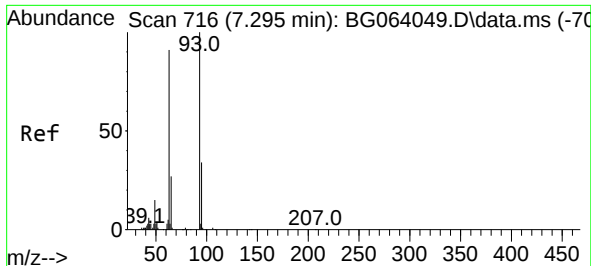
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#10
Phenol
Concen: 52.492 ng
RT: 7.054 min Scan# 675
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

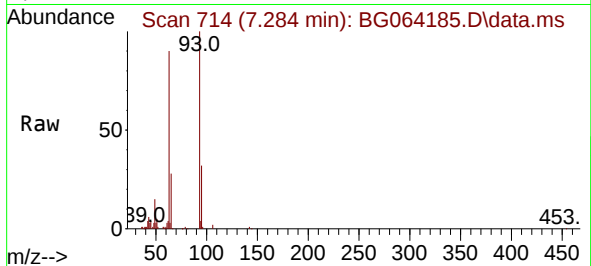
Tgt Ion: 94 Resp: 137230
Ion Ratio Lower Upper
94 100
65 35.7 15.2 55.2
66 48.0 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 49.014 ng
RT: 7.284 min Scan# 714
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

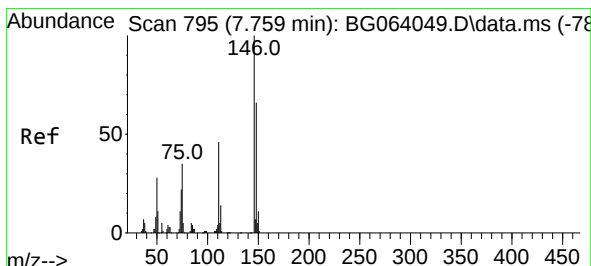
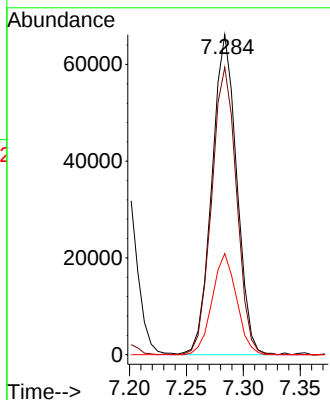
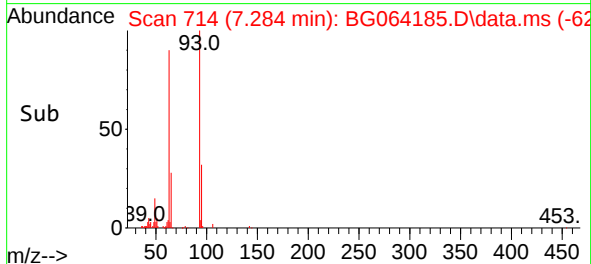
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



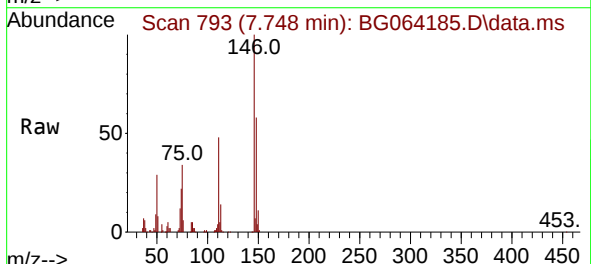
Tgt Ion: 93 Resp: 100458
Ion Ratio Lower Upper
93 100
63 89.8 70.0 110.0
95 31.6 13.7 53.7

Manual Integrations
APPROVED

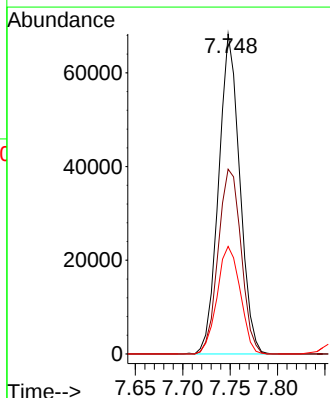
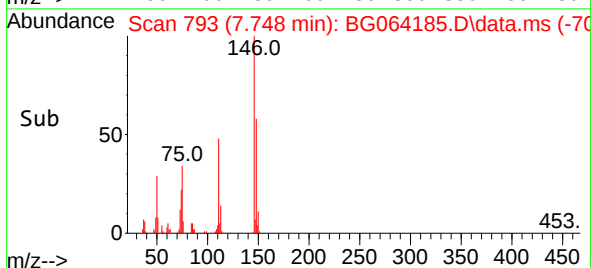
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

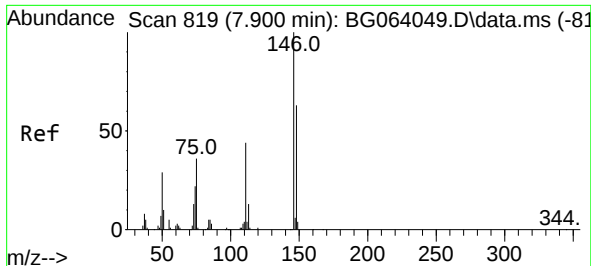


#12
1,3-Dichlorobenzene
Concen: 47.896 ng
RT: 7.748 min Scan# 793
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



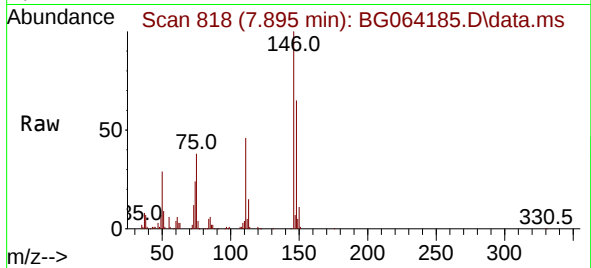
Tgt Ion:146 Resp: 106029
Ion Ratio Lower Upper
146 100
148 57.8 52.6 78.8
75 33.6 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 47.514 ng
RT: 7.895 min Scan# 819
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

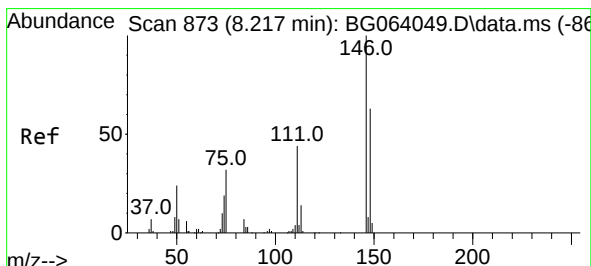
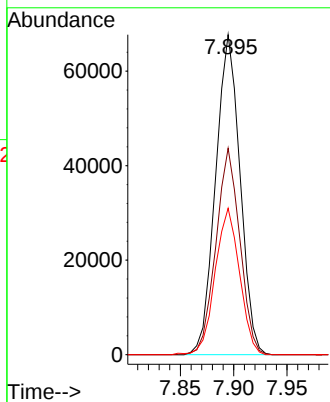
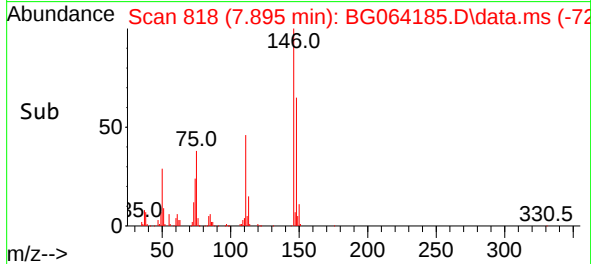
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



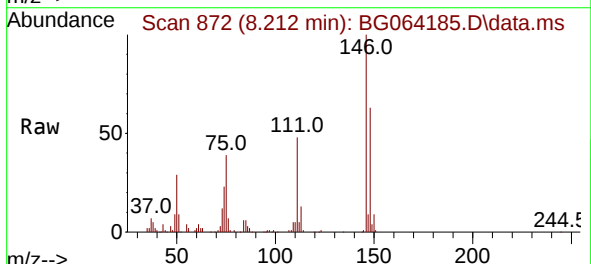
Tgt Ion:146 Resp: 107812
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
111 45.8 35.1 52.7

Manual Integrations
APPROVED

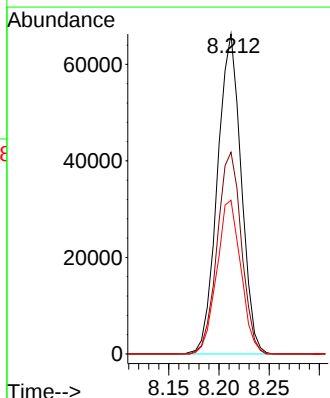
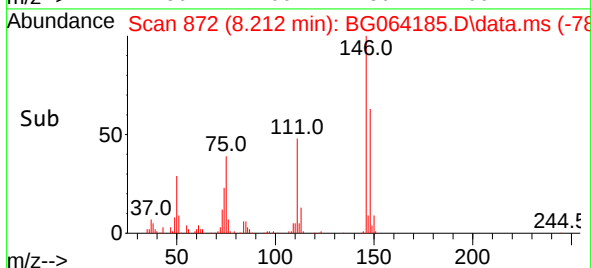
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

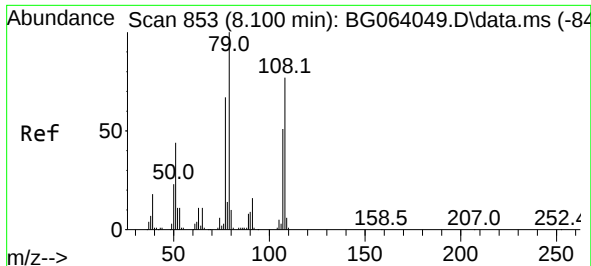


#14
1,2-Dichlorobenzene
Concen: 49.748 ng
RT: 8.212 min Scan# 872
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



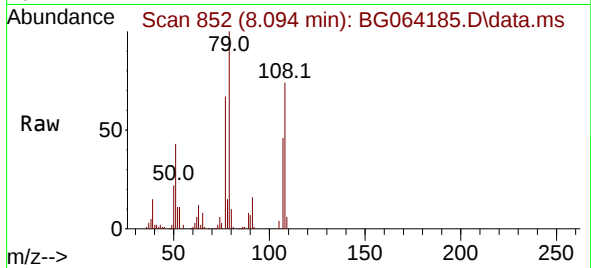
Tgt Ion:146 Resp: 108847
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 48.0 36.4 54.6





#15
Benzyl Alcohol
Concen: 61.789 ng
RT: 8.094 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

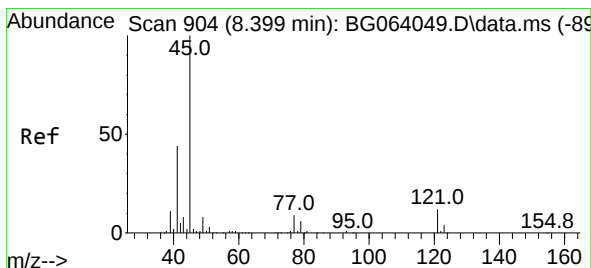
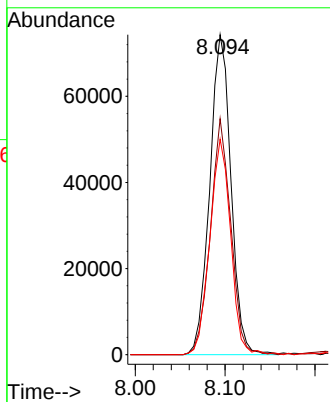
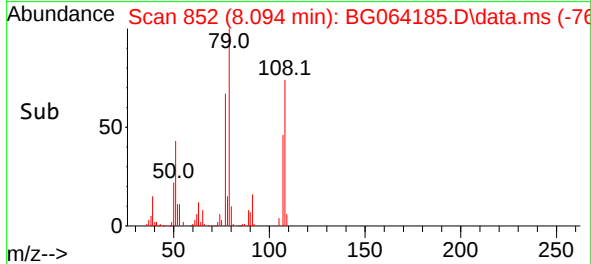
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



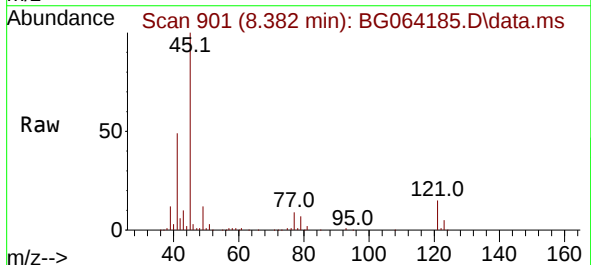
Tgt Ion: 79 Resp: 121919
Ion Ratio Lower Upper
79 100
108 73.8 61.7 92.5
77 67.3 53.9 80.9

Manual Integrations
APPROVED

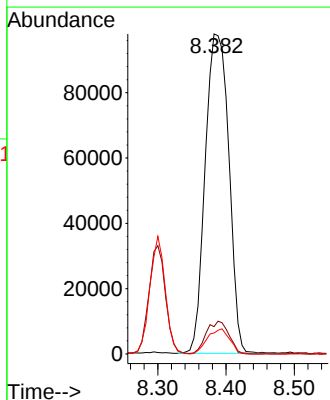
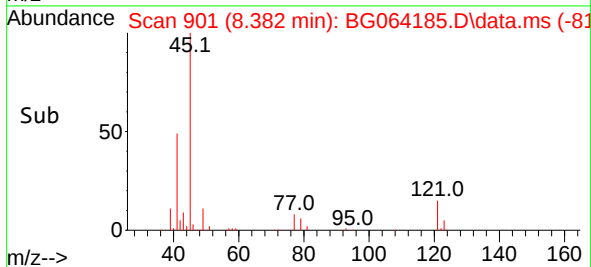
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

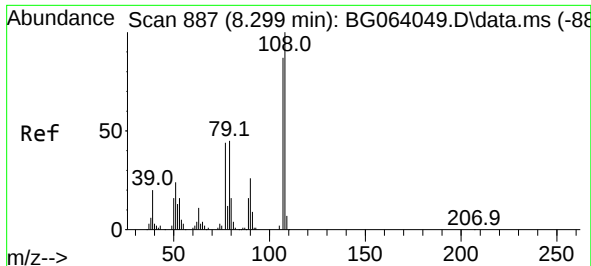


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.162 ng
RT: 8.382 min Scan# 901
Delta R.T. -0.017 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



Tgt Ion: 45 Resp: 235783
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.0
79 6.6 0.0 26.6





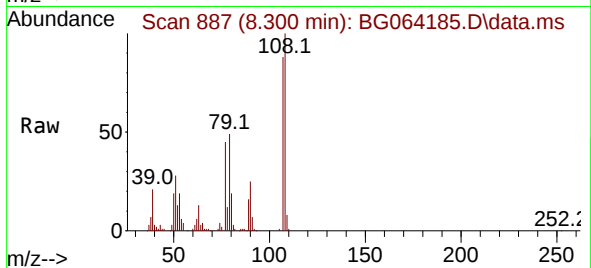
#17
2-Methylphenol
Concen: 61.271 ng
RT: 8.300 min Scan# 887
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD



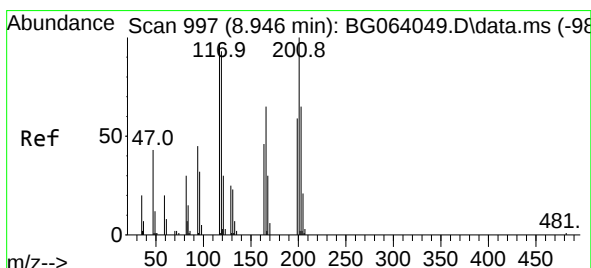
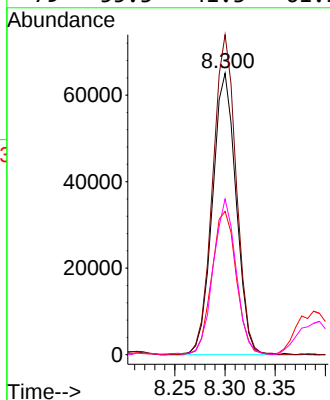
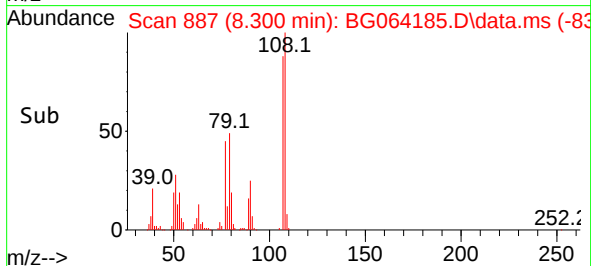
Tgt Ion:107 Resp: 106310
Ion Ratio Lower Upper
107 100
108 113.7 92.5 138.7
77 51.0 40.5 60.7
79 55.3 41.3 61.9

Manual Integrations

APPROVED

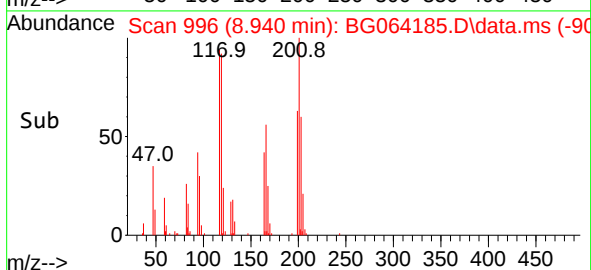
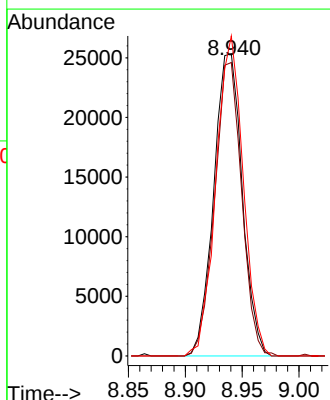
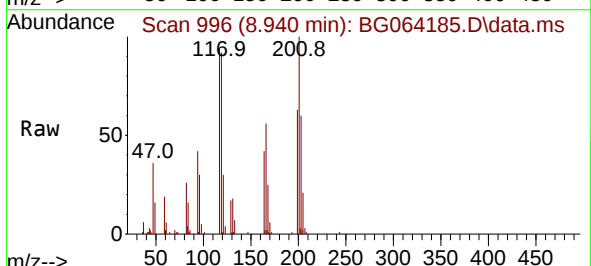
Reviewed By :Rahul Chavli 04/04/2025

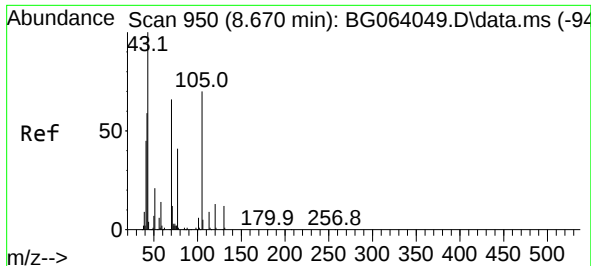
Supervised By :Jagrut Upadhyay 04/04/2025



#18
Hexachloroethane
Concen: 55.653 ng
RT: 8.940 min Scan# 996
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

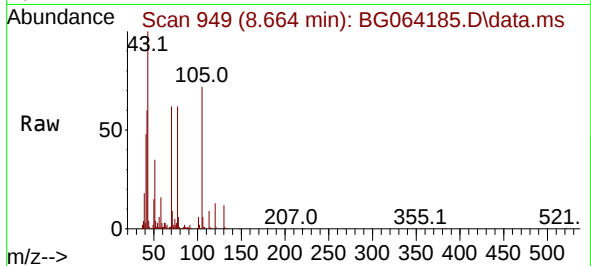
Tgt Ion:117 Resp: 44182
Ion Ratio Lower Upper
117 100
119 97.1 76.2 114.2
201 105.9 81.5 122.3





#19
n-Nitroso-di-n-propylamine
Concen: 57.098 ng
RT: 8.664 min Scan# 94
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

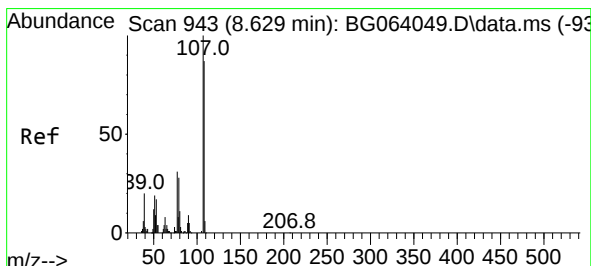
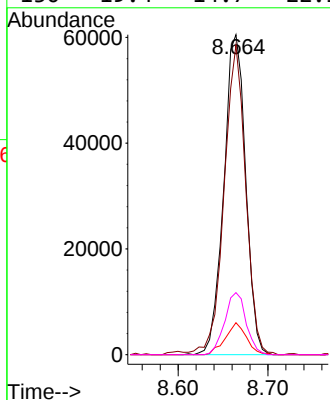
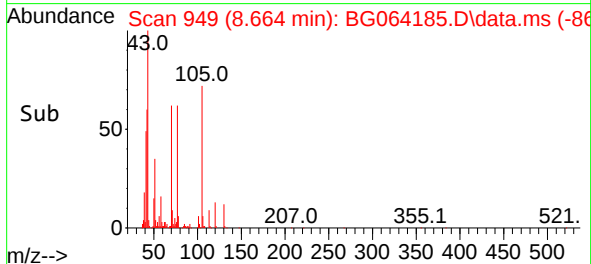
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



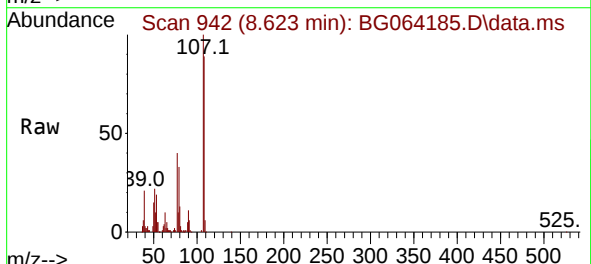
Tgt Ion: 70 Resp: 102320
Ion Ratio Lower Upper
70 100
42 96.7 72.1 108.1
101 10.0 7.2 10.8
130 19.4 14.7 22.1

Manual Integrations
APPROVED

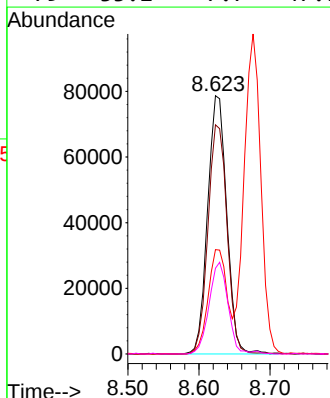
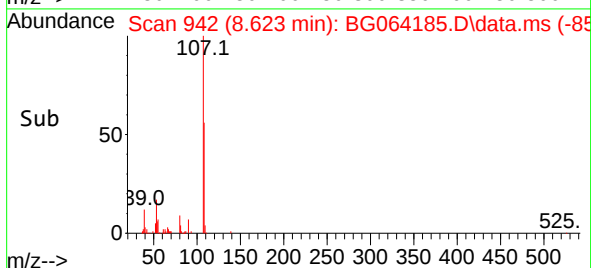
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

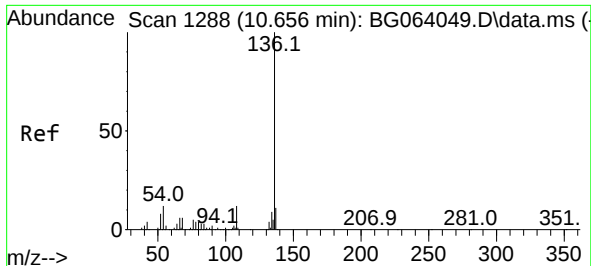


#20
3+4-Methylphenols
Concen: 61.587 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



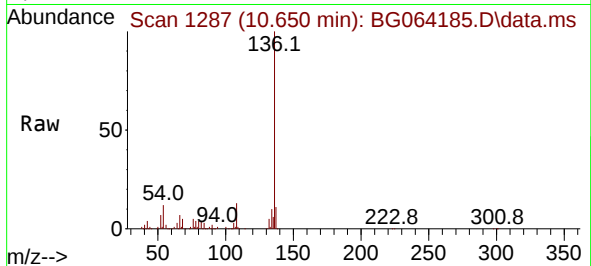
Tgt Ion:107 Resp: 147111
Ion Ratio Lower Upper
107 100
108 88.7 67.0 107.0
77 40.4 11.2 51.2
79 33.2 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

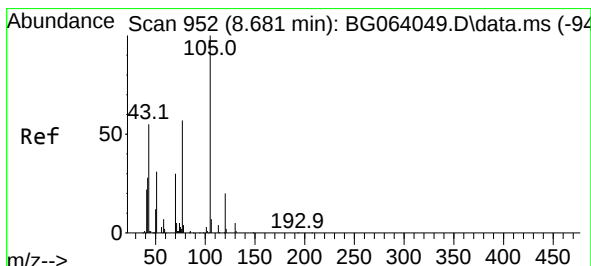
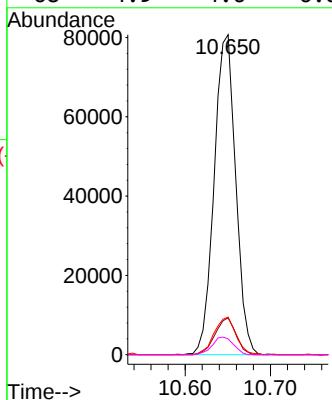
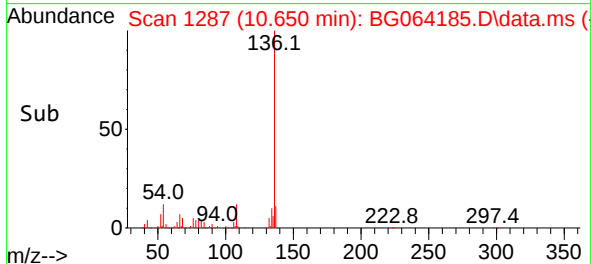
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:136 Resp: 141468
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 11.8 9.9 14.9
68 4.9 4.6 6.8

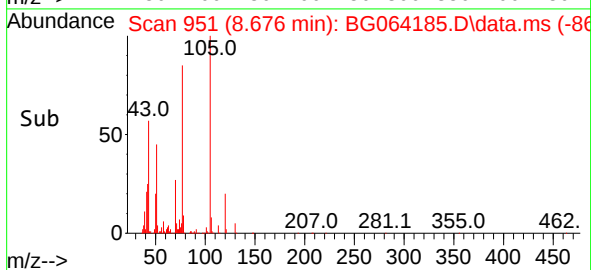
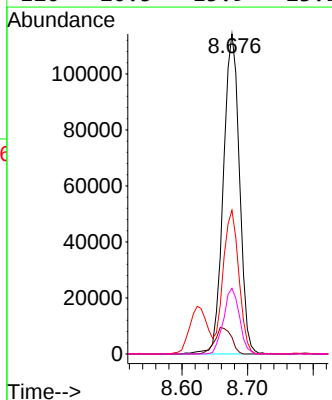
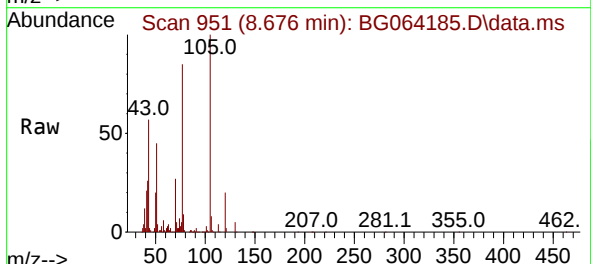
Manual Integrations
APPROVED

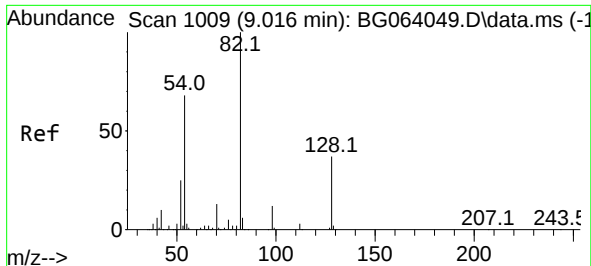
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#22
Acetophenone
Concen: 50.143 ng
RT: 8.676 min Scan# 951
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

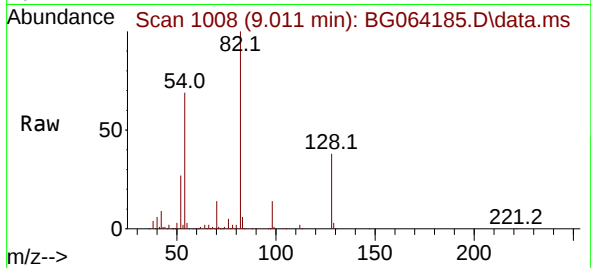
Tgt Ion:105 Resp: 194493
Ion Ratio Lower Upper
105 100
71 5.2 4.2 6.4
51 44.9 33.3 49.9
120 20.5 15.9 23.9





#23
Nitrobenzene-d5
Concen: 110.154 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

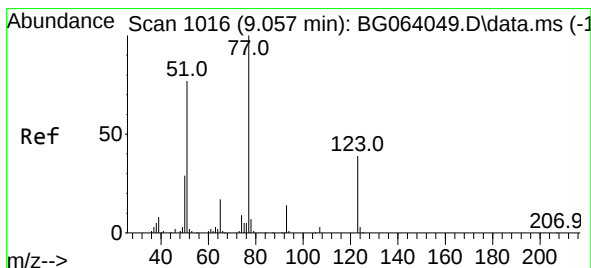
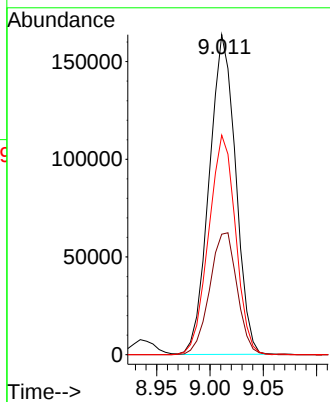
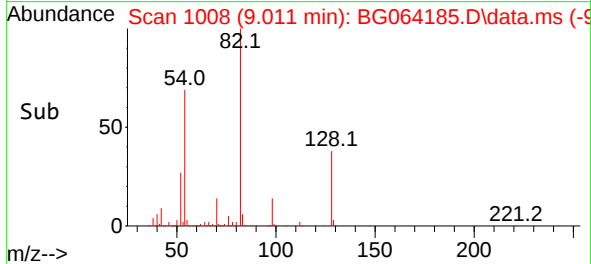
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



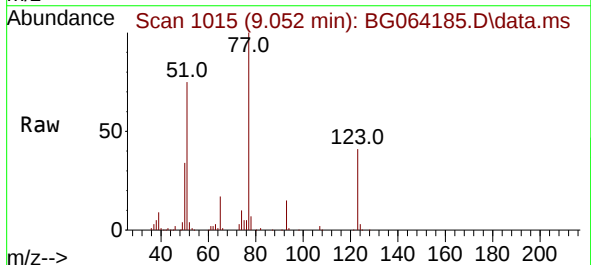
Tgt Ion: 82 Resp: 281990
Ion Ratio Lower Upper
82 100
128 37.7 30.0 45.0
54 68.6 54.7 82.1

Manual Integrations
APPROVED

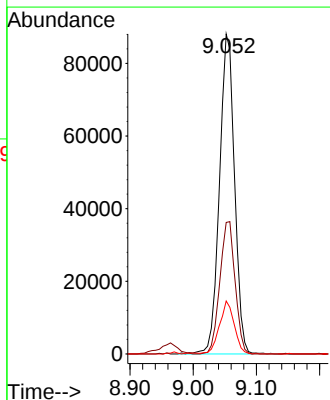
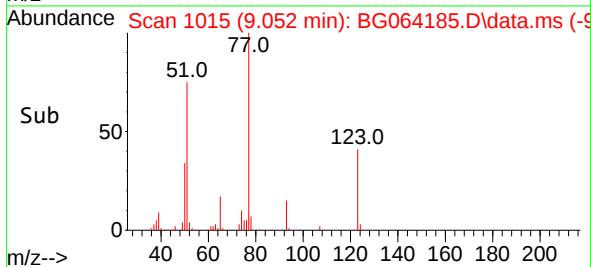
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

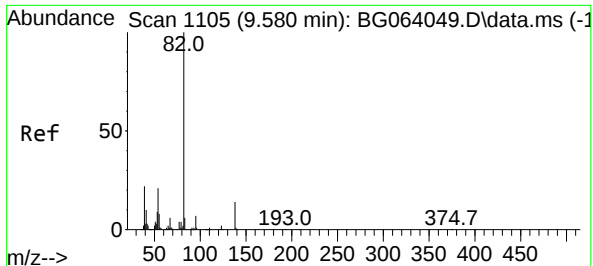


#24
Nitrobenzene
Concen: 55.085 ng
RT: 9.052 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



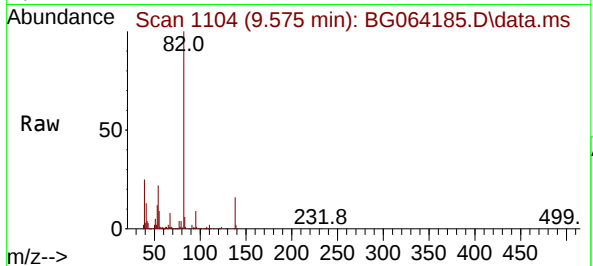
Tgt Ion: 77 Resp: 145733
Ion Ratio Lower Upper
77 100
123 41.1 31.4 47.2
65 16.5 13.4 20.0





#25
Isophorone
Concen: 56.581 ng
RT: 9.575 min Scan# 1104
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

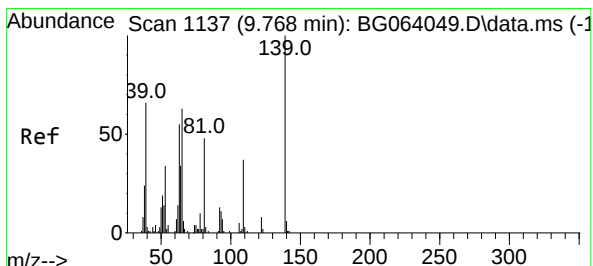
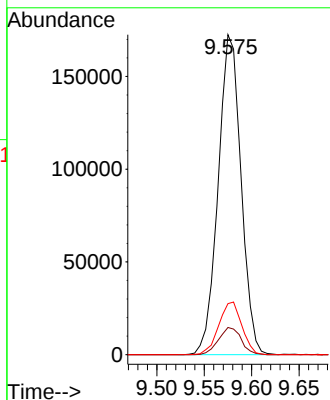
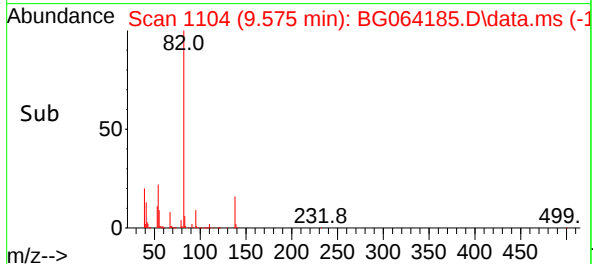
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion: 82 Resp: 289912
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.8
138 16.0 10.9 16.3

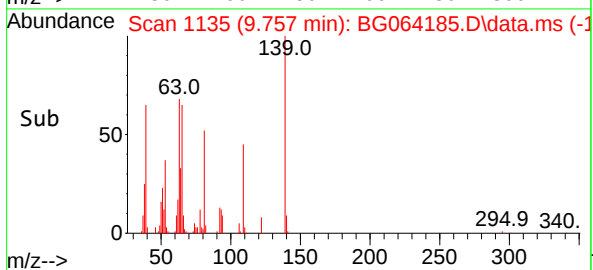
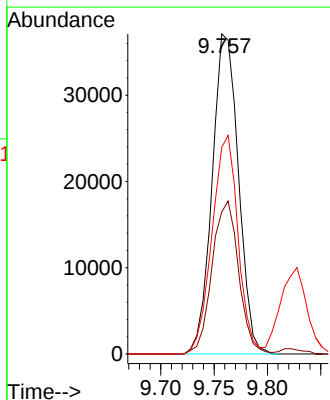
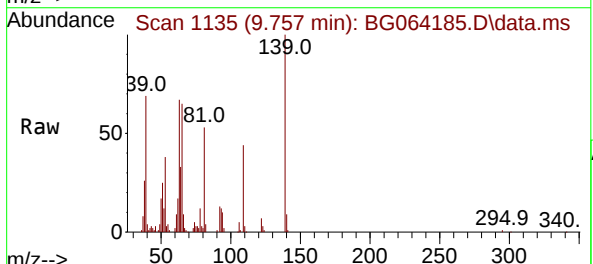
Manual Integrations
APPROVED

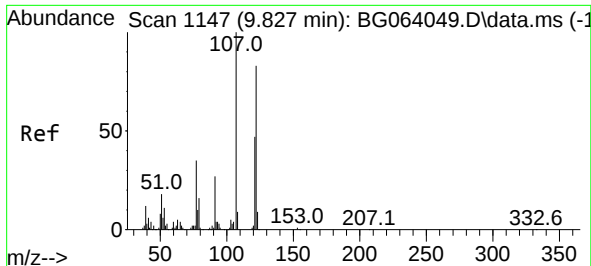
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#26
2-Nitrophenol
Concen: 64.526 ng
RT: 9.757 min Scan# 1135
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Tgt Ion:139 Resp: 63619
Ion Ratio Lower Upper
139 100
109 44.4 29.9 44.9
65 64.6 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 86.546 ng

RT: 9.822 min Scan# 1147

Delta R.T. -0.005 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

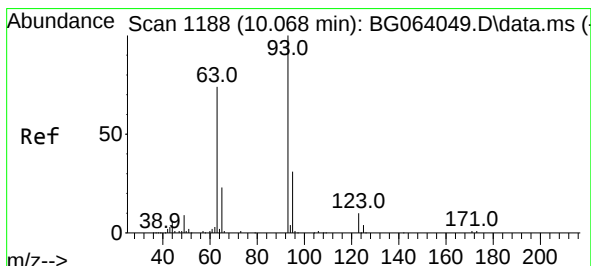
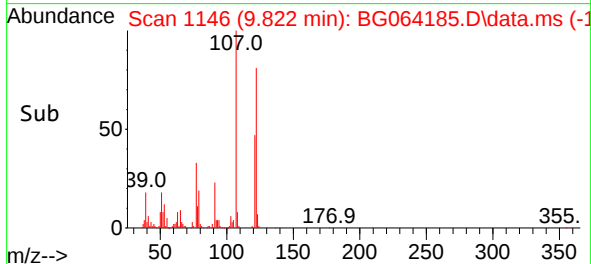
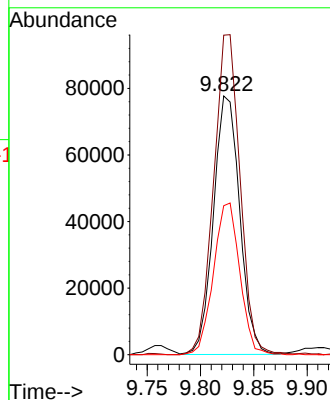
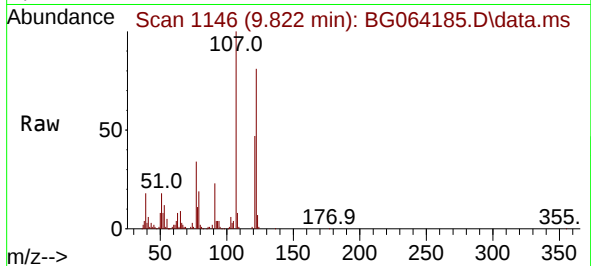
Tgt Ion:122 Resp: 132940
 Ion Ratio Lower Upper
 122 100
 107 123.5 95.4 143.0
 121 57.6 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 52.321 ng

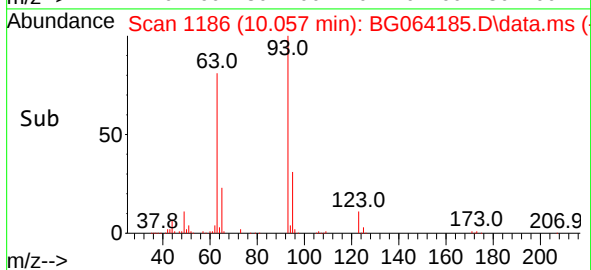
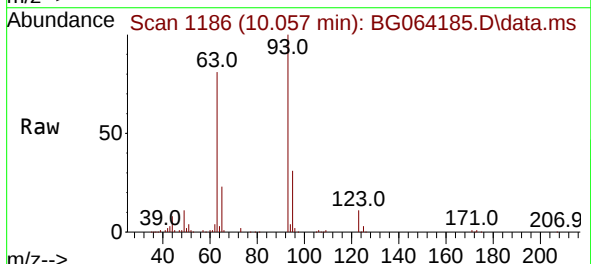
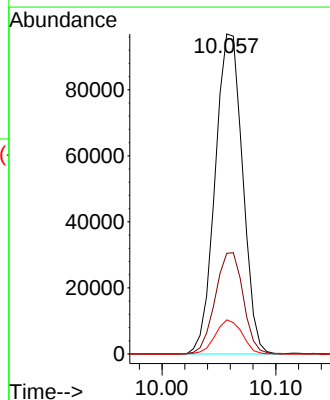
RT: 10.057 min Scan# 1186

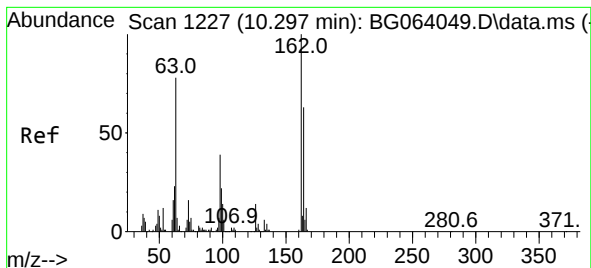
Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

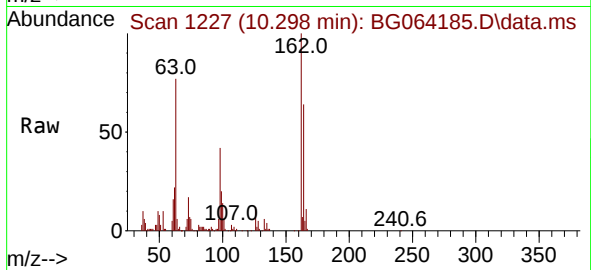
Tgt Ion: 93 Resp: 162533
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.0 37.4
 123 10.6 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 63.921 ng
RT: 10.298 min Scan# 1227
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

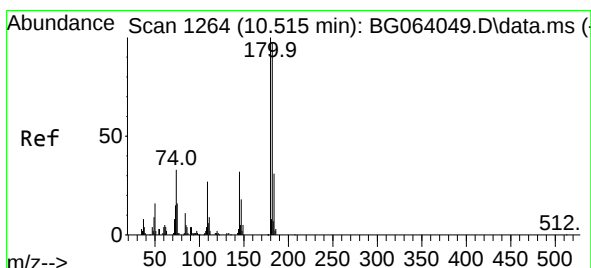
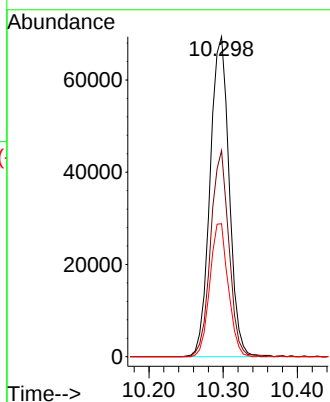
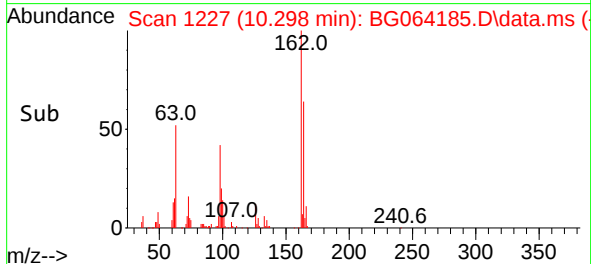
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:162 Resp: 123980
Ion Ratio Lower Upper
162 100
164 64.4 42.8 82.8
98 41.5 19.1 59.1

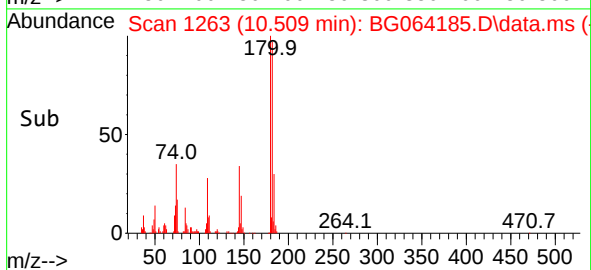
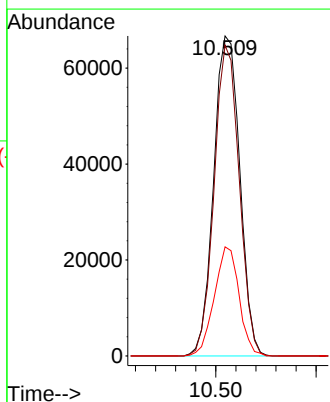
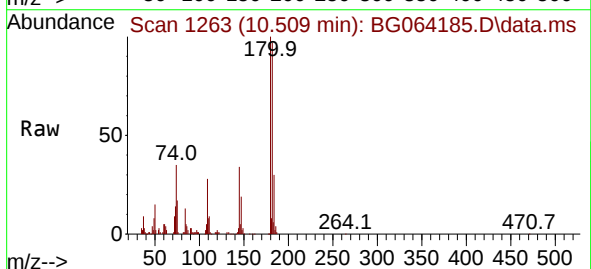
Manual Integrations
APPROVED

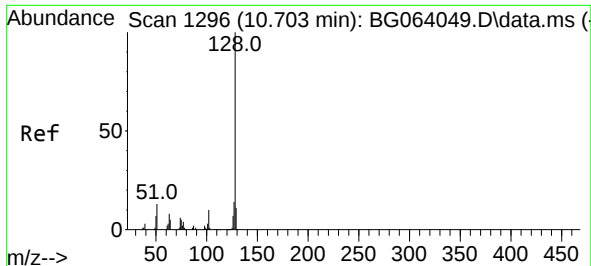
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#30
1,2,4-Trichlorobenzene
Concen: 51.510 ng
RT: 10.509 min Scan# 1263
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

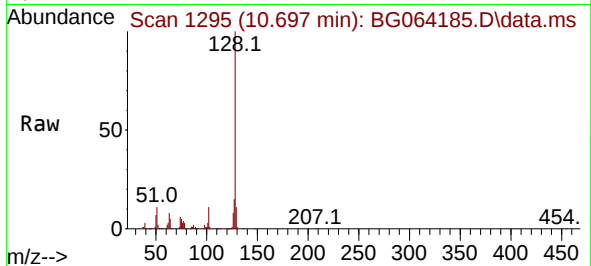
Tgt Ion:180 Resp: 120607
Ion Ratio Lower Upper
180 100
182 97.1 77.3 115.9
145 34.1 25.2 37.8





#31
Naphthalene
Concen: 50.513 ng
RT: 10.697 min Scan# 1161
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

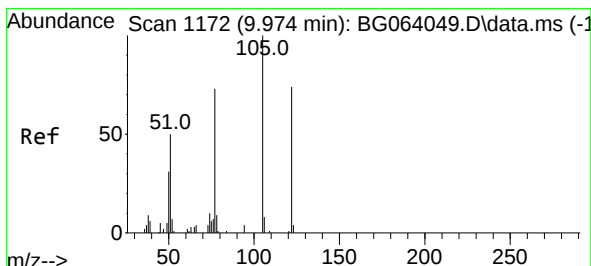
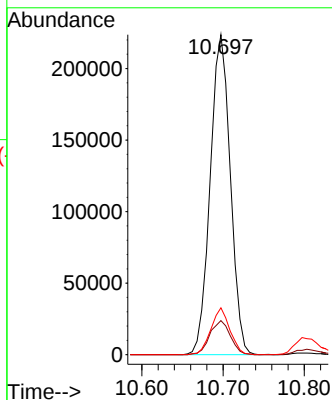
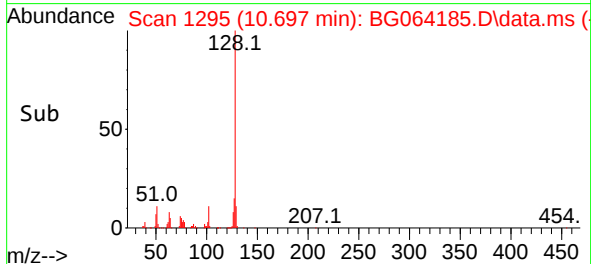
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



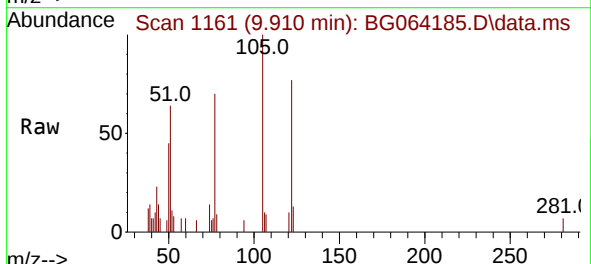
Tgt Ion:128 Resp: 385328
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 14.7 11.1 16.7

Manual Integrations
APPROVED

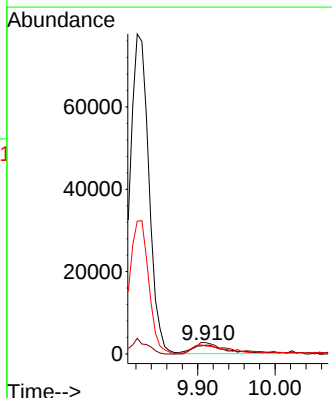
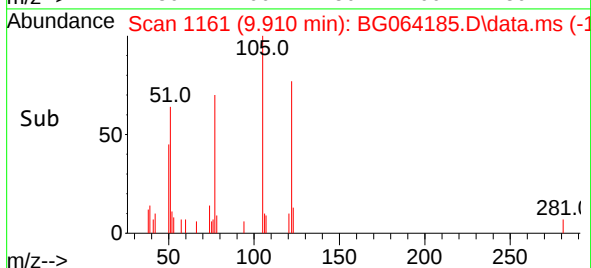
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

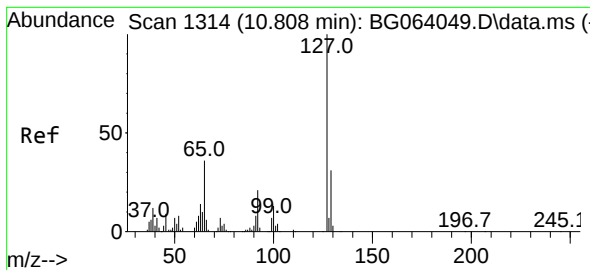


#32
Benzoic acid
Concen: 12.513 ng m
RT: 9.910 min Scan# 1161
Delta R.T. -0.064 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



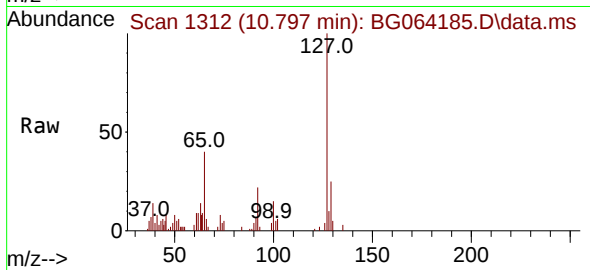
Tgt Ion:122 Resp: 6586
Ion Ratio Lower Upper
122 100
105 129.6 115.0 155.0
77 90.8 80.9 120.9





#33
4-Chloroaniline
Concen: 9.490 ng
RT: 10.797 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

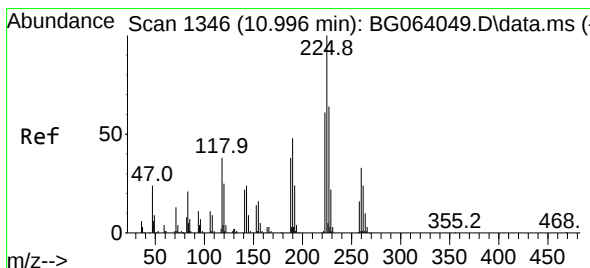
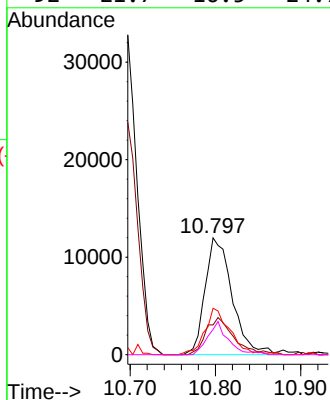
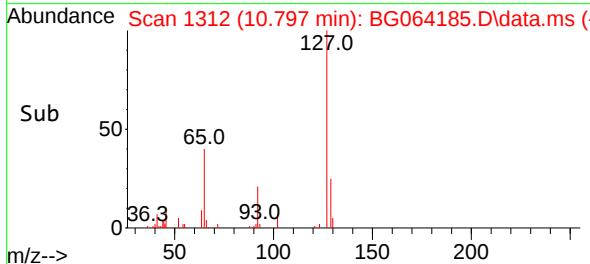
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



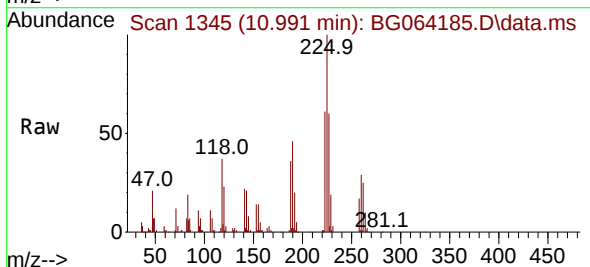
Tgt Ion	Ratio	Lower	Upper
127	100		
129	25.5	25.0	37.4
65	39.7	28.5	42.7
92	21.7	16.5	24.7

Manual Integrations
APPROVED

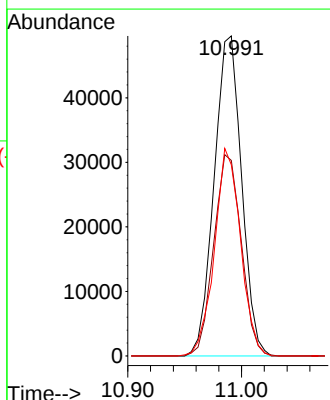
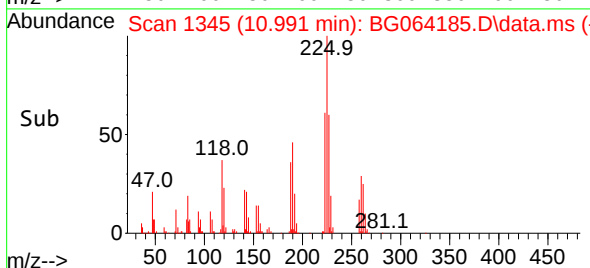
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

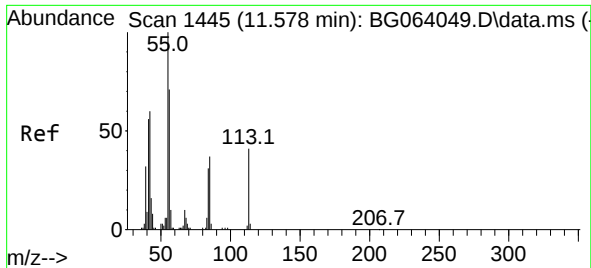


#34
Hexachlorobutadiene
Concen: 54.186 ng
RT: 10.991 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



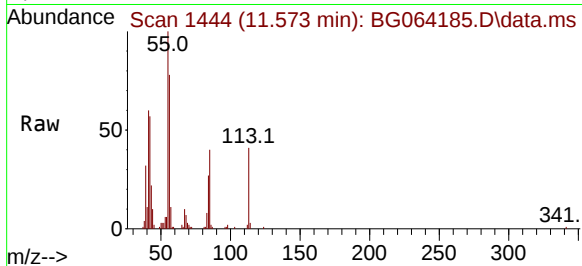
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.5	72.7
227	62.8	51.0	76.6





#35
Caprolactam
Concen: 50.359 ng m
RT: 11.573 min Scan# 1445
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

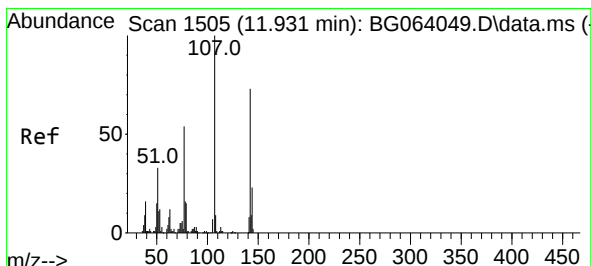
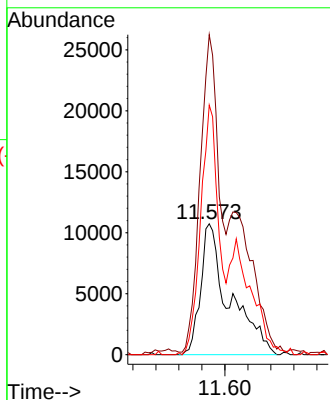
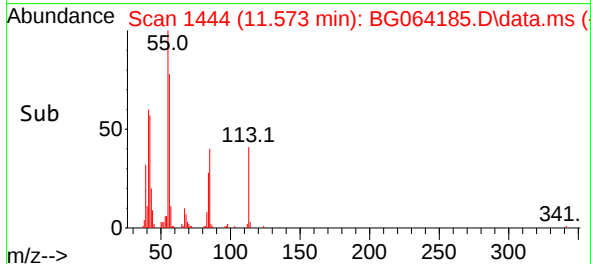
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:113 Resp: 3743
Ion Ratio Lower Upper
113 100
55 244.4 225.2 265.2
56 190.6 153.4 193.4

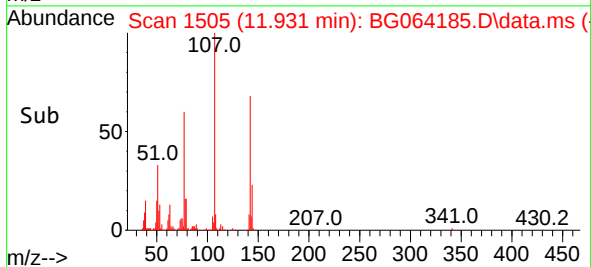
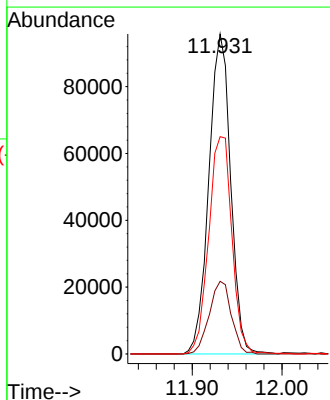
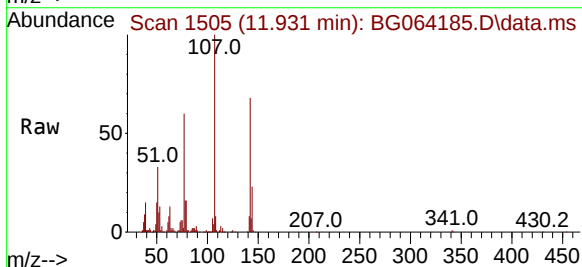
Manual Integrations
APPROVED

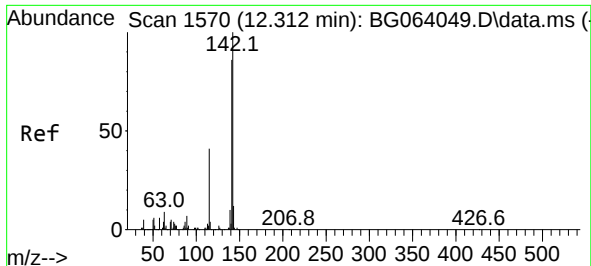
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#36
4-Chloro-3-methylphenol
Concen: 63.448 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

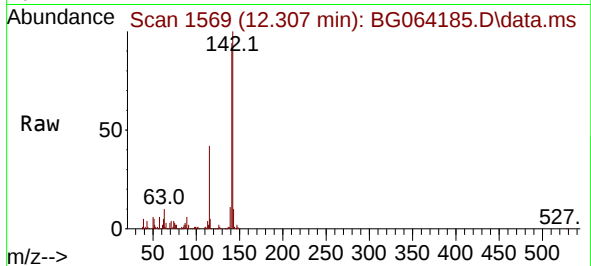
Tgt Ion:107 Resp: 161313
Ion Ratio Lower Upper
107 100
144 22.7 18.6 28.0
142 67.9 58.0 87.0





#37
2-Methylnaphthalene
Concen: 49.856 ng
RT: 12.307 min Scan# 1569
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

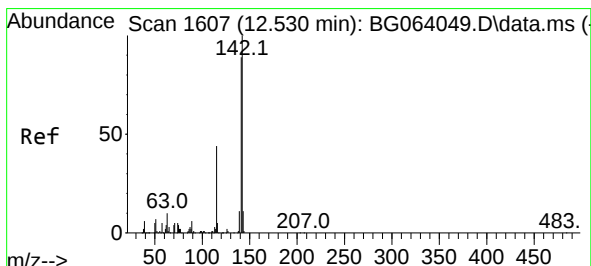
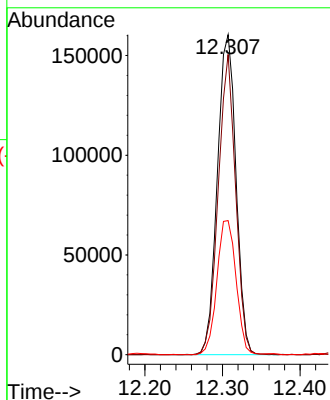
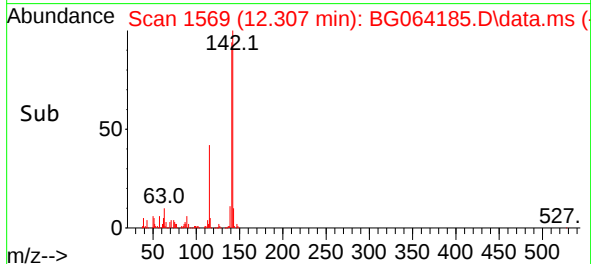
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



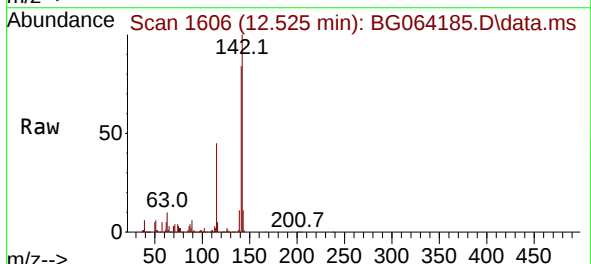
Tgt Ion:142 Resp: 26849
Ion Ratio Lower Upper
142 100
141 93.9 68.6 103.0
115 41.9 32.8 49.2

Manual Integrations
APPROVED

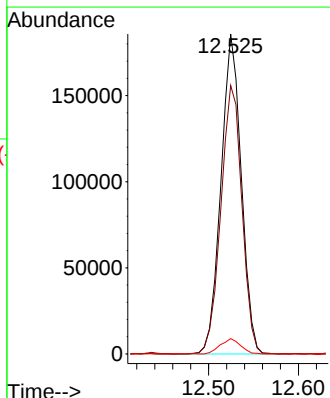
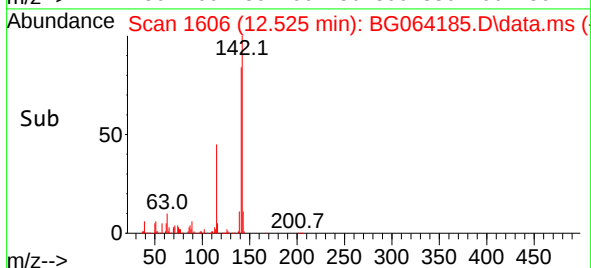
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

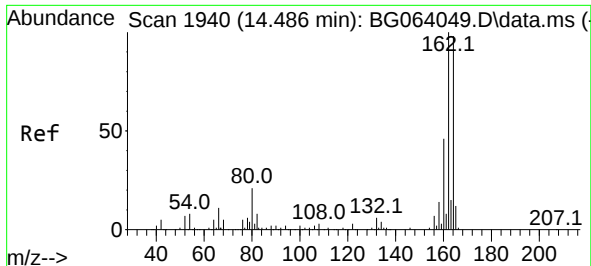


#38
1-Methylnaphthalene
Concen: 55.161 ng
RT: 12.525 min Scan# 1606
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



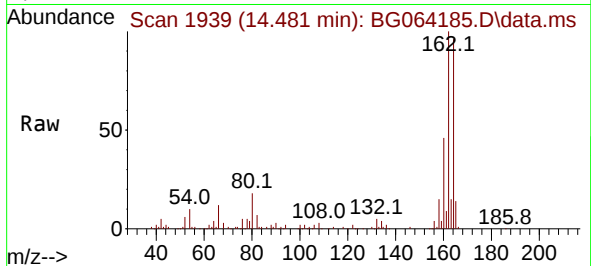
Tgt Ion:142 Resp: 291032
Ion Ratio Lower Upper
142 100
141 83.9 71.2 106.8
116 4.8 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

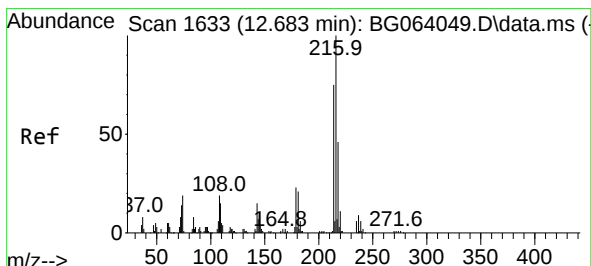
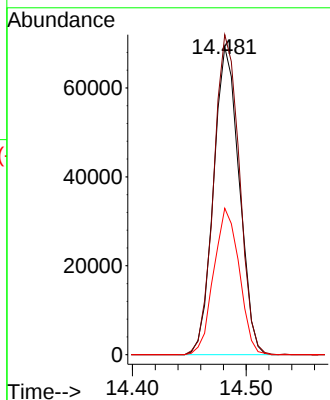
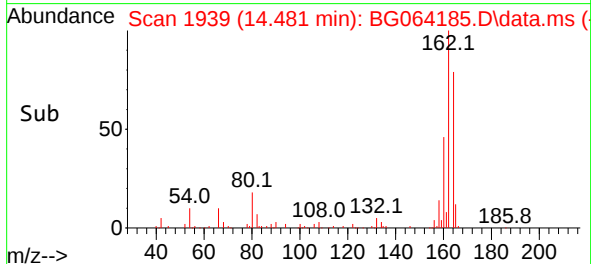
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:164 Resp: 10873
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 47.6 37.0 55.6

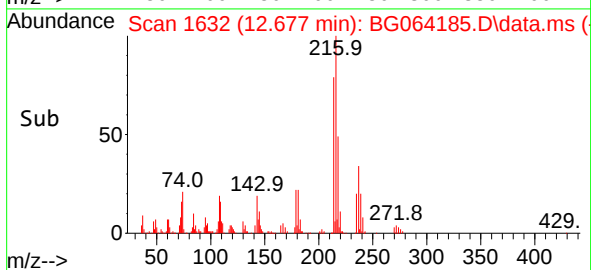
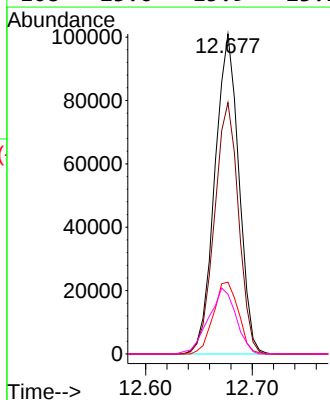
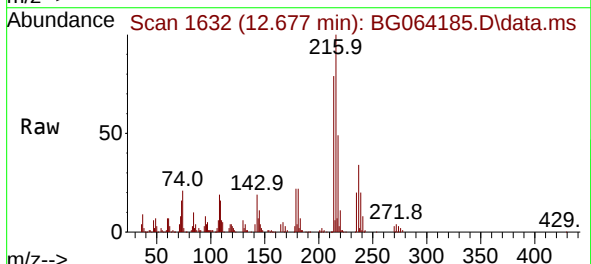
Manual Integrations
APPROVED

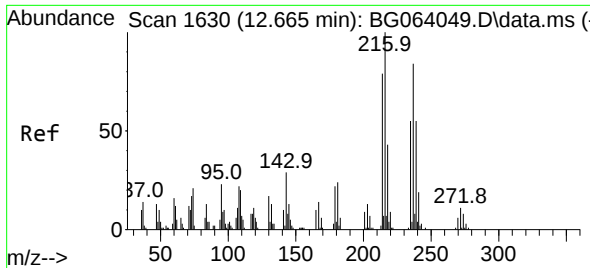
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.846 ng
RT: 12.677 min Scan# 1632
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

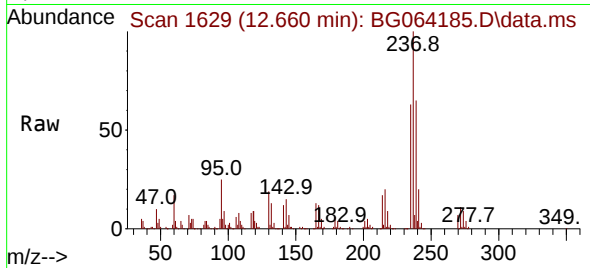
Tgt Ion:216 Resp: 157845
Ion Ratio Lower Upper
216 100
214 78.7 61.7 92.5
179 23.5 17.9 26.9
108 23.6 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 250.906 ng
RT: 12.660 min Scan# 1630
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

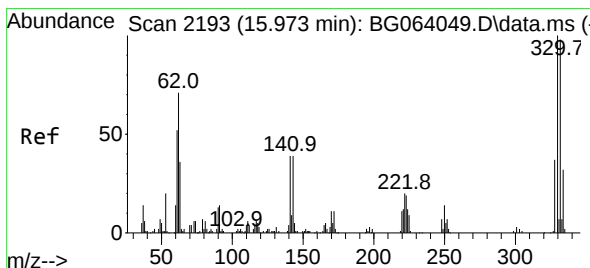
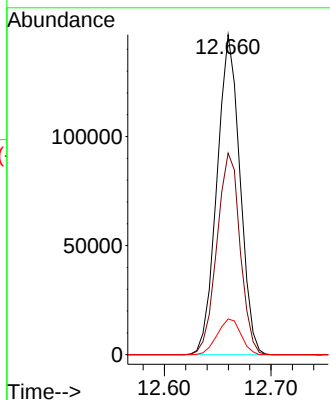
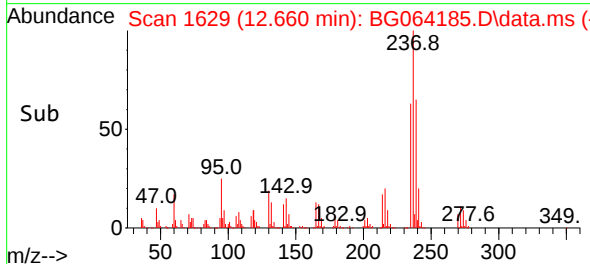
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



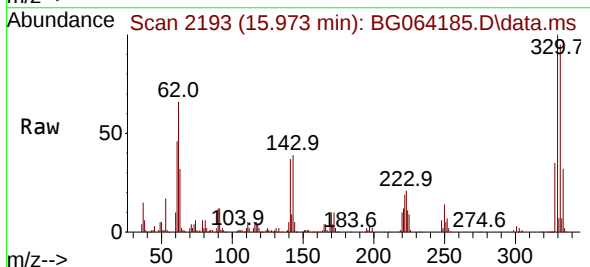
Tgt Ion: 237 Resp: 219224
Ion Ratio Lower Upper
237 100
235 63.0 46.0 86.0
272 11.1 0.0 32.8

Manual Integrations
APPROVED

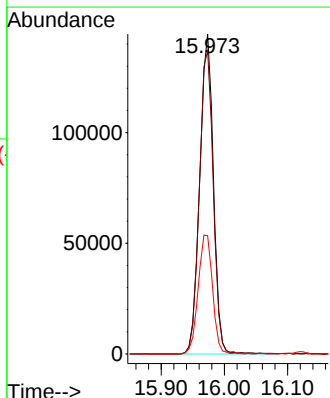
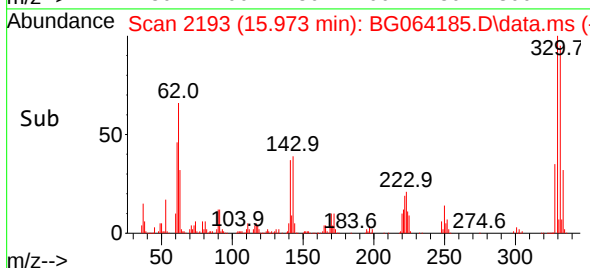
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

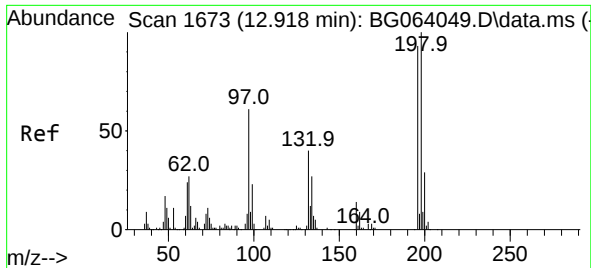


#42
2,4,6-Tribromophenol
Concen: 179.771 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



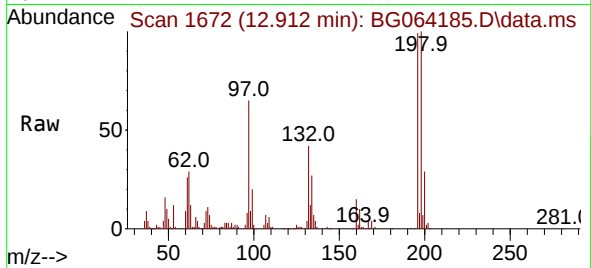
Tgt Ion: 330 Resp: 217287
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 39.1 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 63.468 ng
RT: 12.912 min Scan# 1672
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

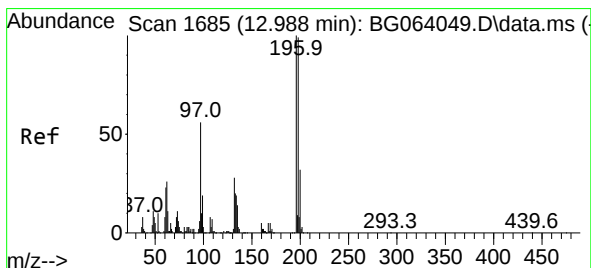
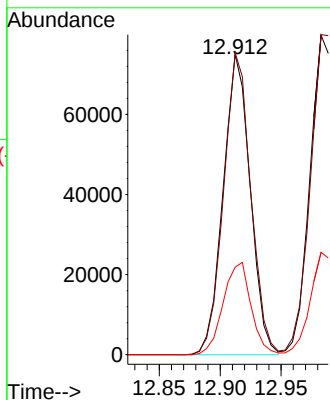
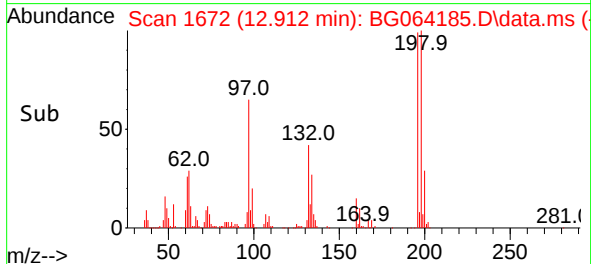
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:196 Resp: 11612
Ion Ratio Lower Upper
196 100
198 100.5 85.6 128.4
200 29.1 24.6 37.0

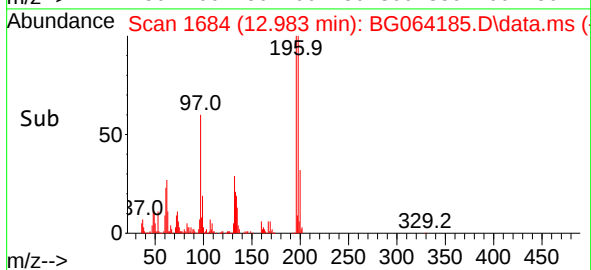
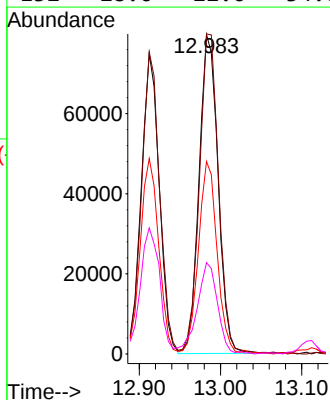
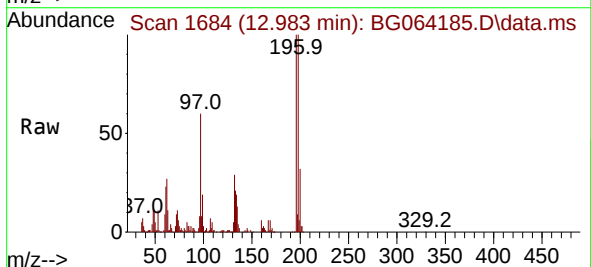
Manual Integrations
APPROVED

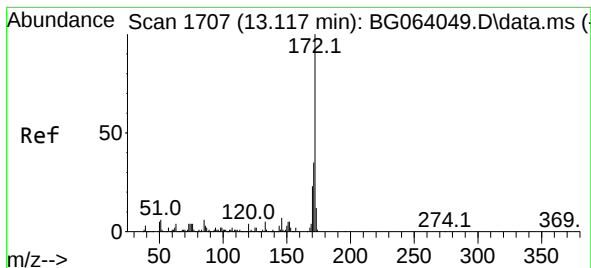
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#44
2,4,5-Trichlorophenol
Concen: 63.519 ng
RT: 12.983 min Scan# 1684
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

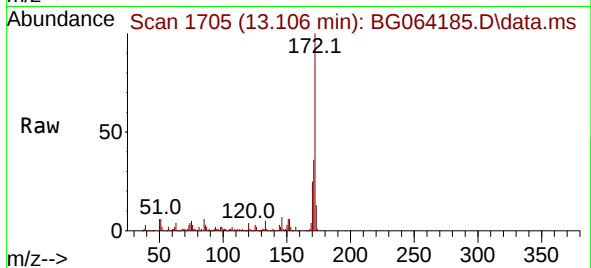
Tgt Ion:196 Resp: 129132
Ion Ratio Lower Upper
196 100
198 100.1 79.5 119.3
97 60.3 45.2 67.8
132 28.6 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 97.321 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

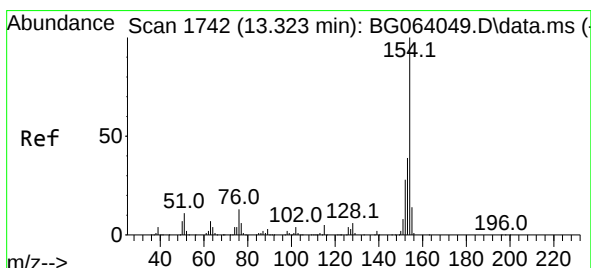
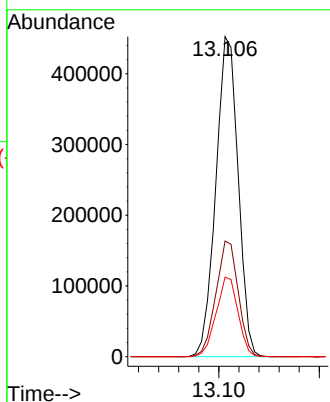
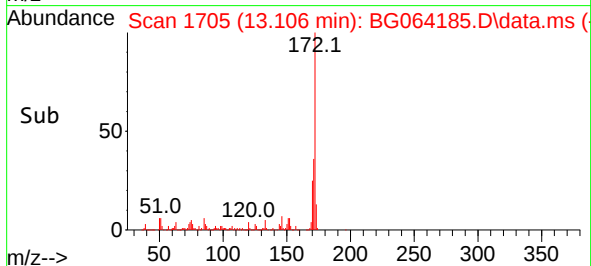
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



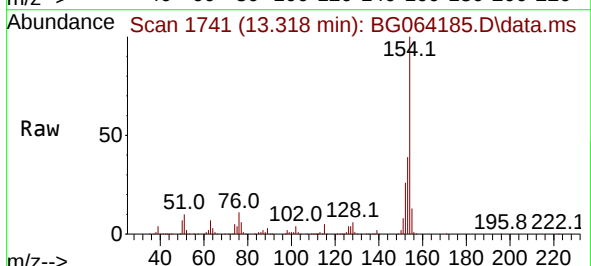
Tgt Ion:172 Resp: 697179
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 24.8 18.7 28.1

Manual Integrations
APPROVED

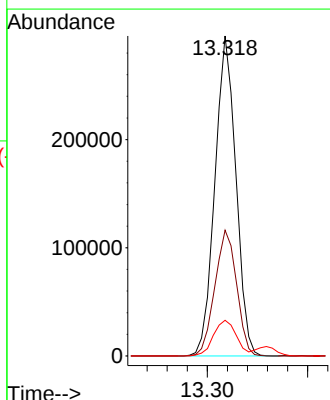
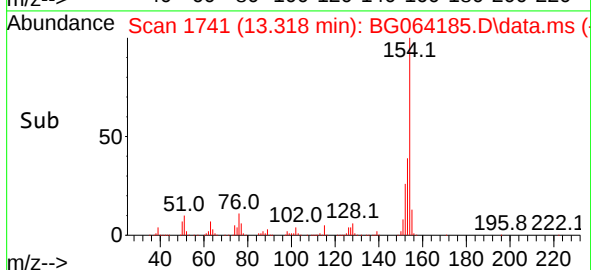
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

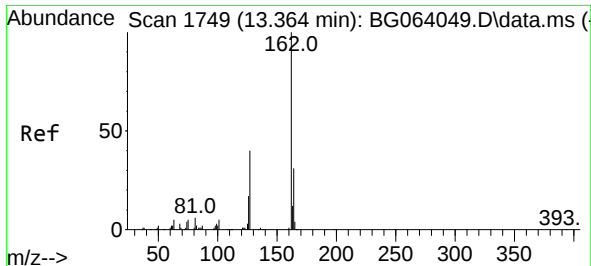


#46
1,1'-Biphenyl
Concen: 52.251 ng
RT: 13.318 min Scan# 1741
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



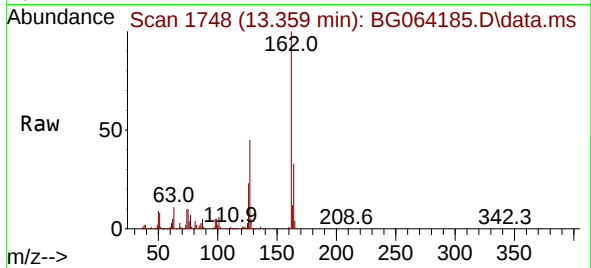
Tgt Ion:154 Resp: 429252
Ion Ratio Lower Upper
154 100
153 39.3 19.5 59.5
76 11.2 0.0 33.5





#47
2-Chloronaphthalene
Concen: 53.573 ng
RT: 13.359 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

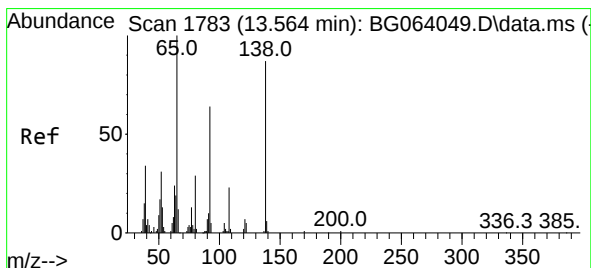
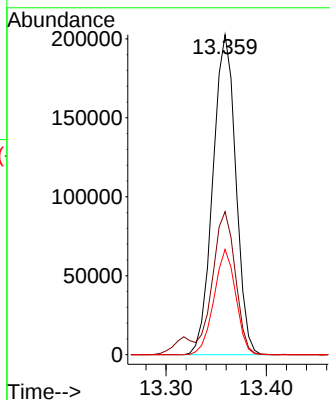
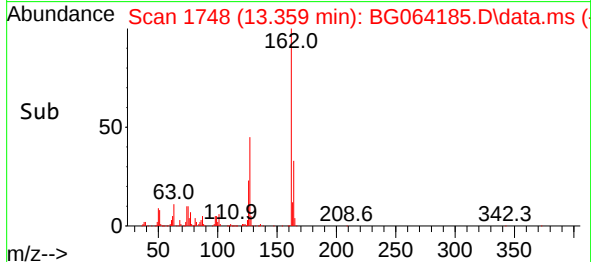
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:162 Resp: 320985
Ion Ratio Lower Upper
162 100
127 44.7 35.0 52.4
164 32.9 25.0 37.6

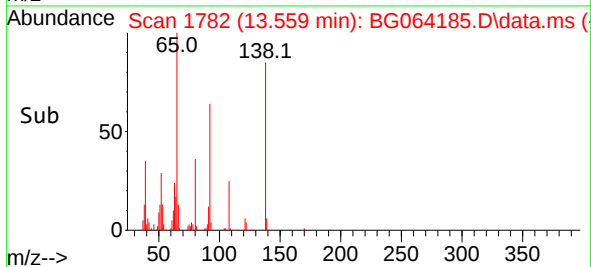
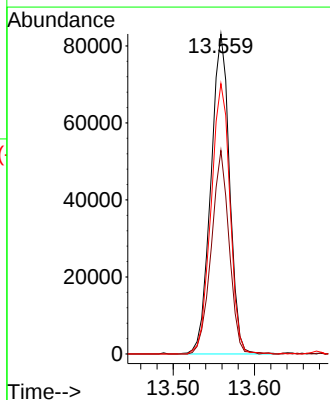
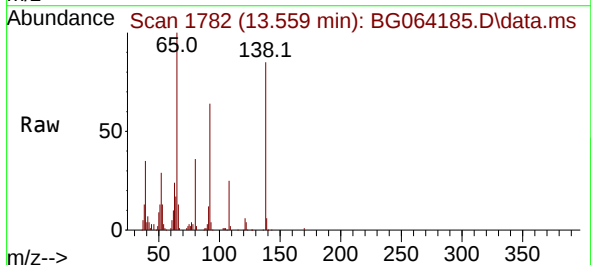
Manual Integrations
APPROVED

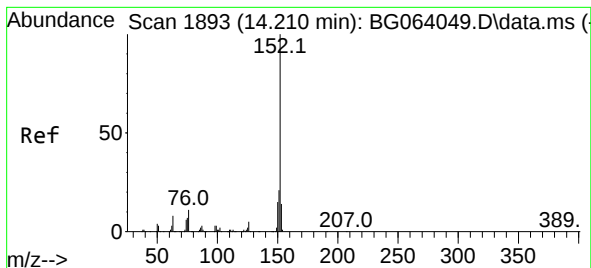
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#48
2-Nitroaniline
Concen: 62.932 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Tgt Ion: 65 Resp: 132885
Ion Ratio Lower Upper
65 100
92 63.6 51.2 76.8
138 84.5 69.4 104.2





#49

Acenaphthylene

Concen: 58.847 ng

RT: 14.205 min Scan# 1892

Delta R.T. -0.005 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

Tgt Ion:152 Resp: 557690

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

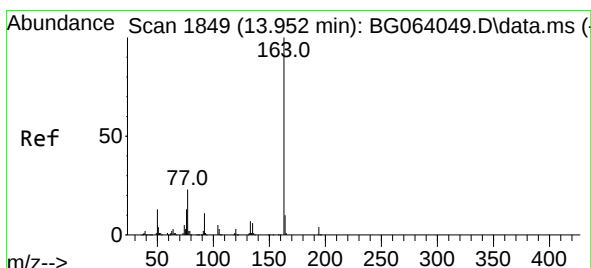
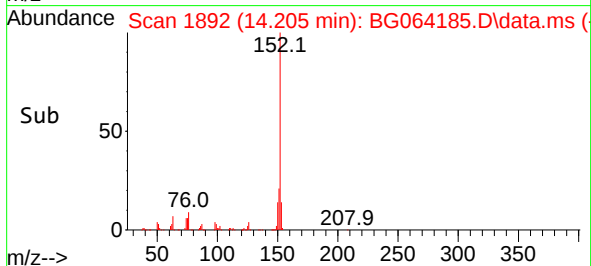
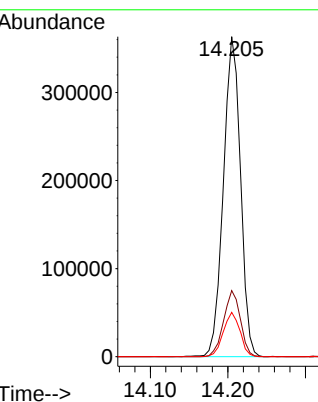
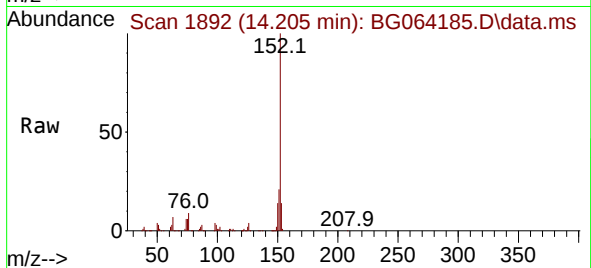
153 13.8 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#50

Dimethylphthalate

Concen: 56.723 ng

RT: 13.946 min Scan# 1848

Delta R.T. -0.005 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

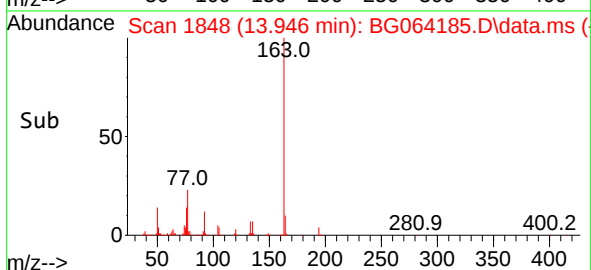
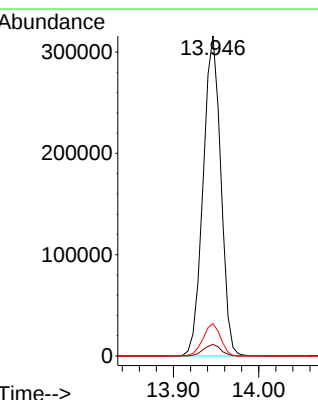
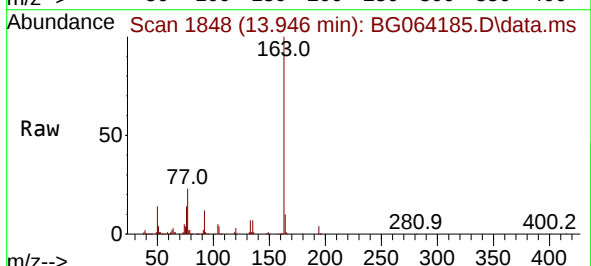
Tgt Ion:163 Resp: 455301

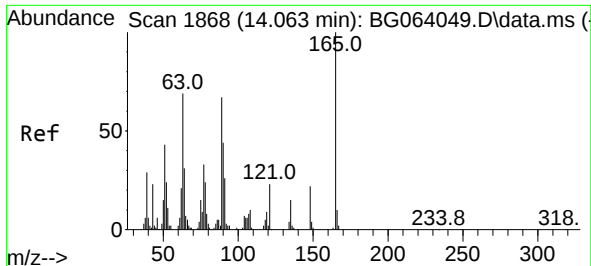
Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

164 10.1 8.2 12.2





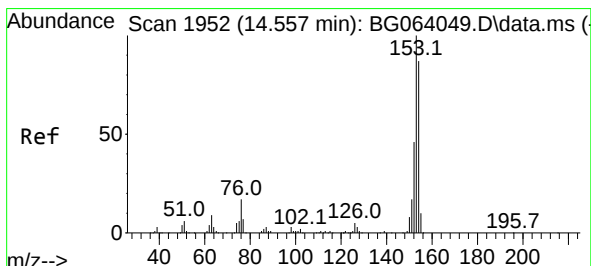
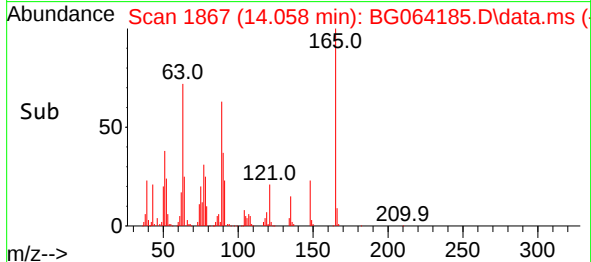
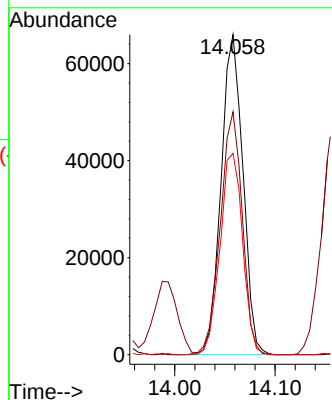
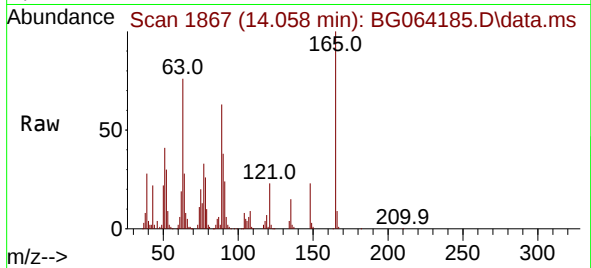
#51
2,6-Dinitrotoluene
Concen: 60.109 ng
RT: 14.058 min Scan# 1867
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:165 Resp: 9936
Ion Ratio Lower Upper
165 100
63 75.9 56.7 85.1
89 63.0 53.7 80.5

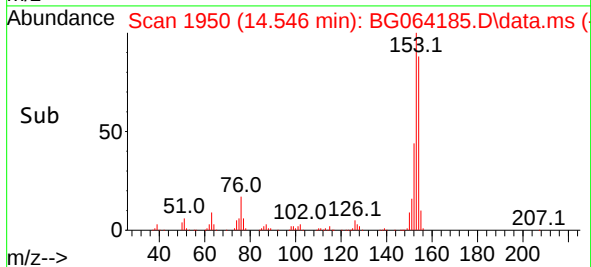
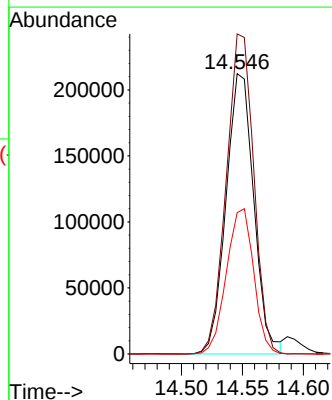
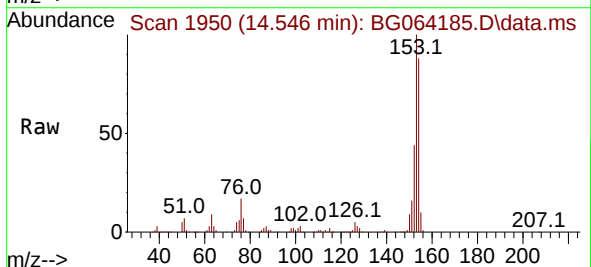
Manual Integrations
APPROVED

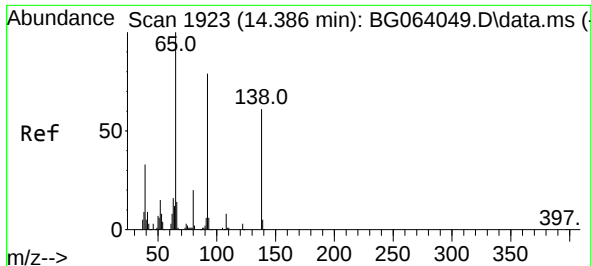
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#52
Acenaphthene
Concen: 52.953 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

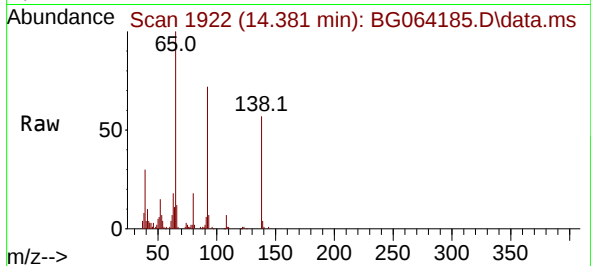
Tgt Ion:154 Resp: 336790
Ion Ratio Lower Upper
154 100
153 114.1 91.6 137.4
152 50.4 42.5 63.7





#53
3-Nitroaniline
Concen: 28.336 ng
RT: 14.381 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

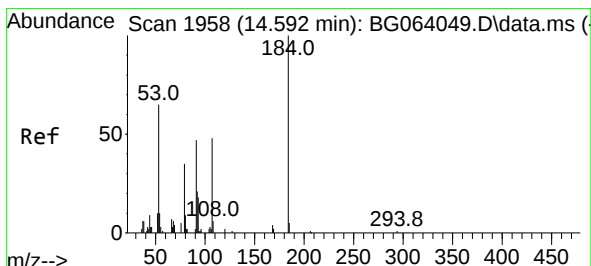
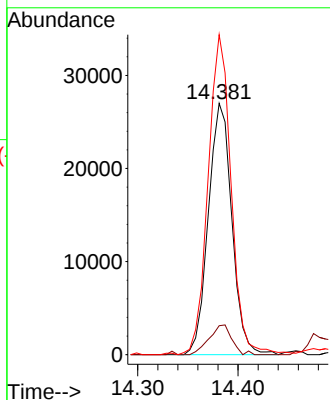
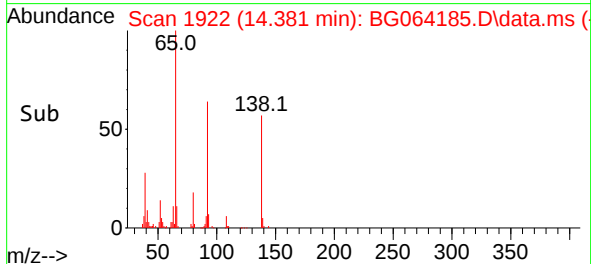
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



Tgt Ion:138 Resp: 43958
Ion Ratio Lower Upper
138 100
108 11.5 10.1 15.1
92 127.3 104.1 156.1

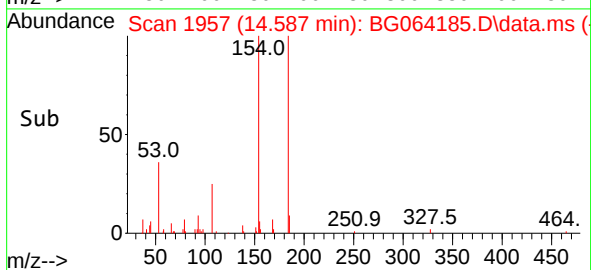
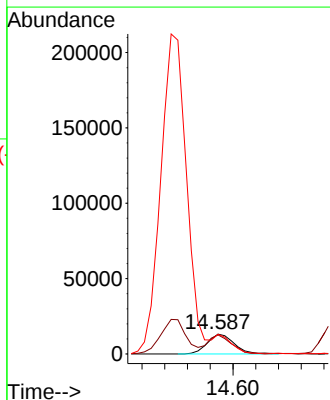
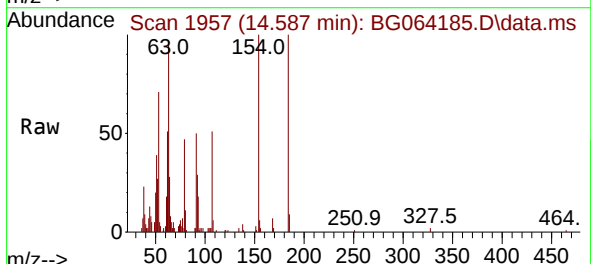
Manual Integrations
APPROVED

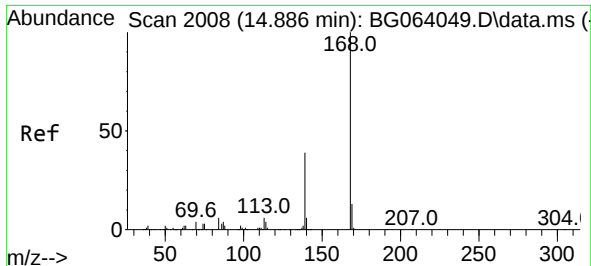
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#54
2,4-Dinitrophenol
Concen: 36.380 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

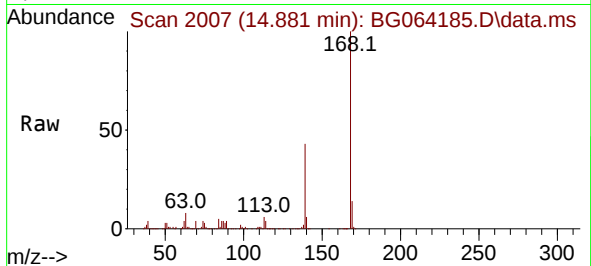
Tgt Ion:184 Resp: 21463
Ion Ratio Lower Upper
184 100
63 96.4 57.5 86.3#
154 99.8 52.3 78.5#





#55
Dibenzofuran
Concen: 52.615 ng
RT: 14.881 min Scan# 2008
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

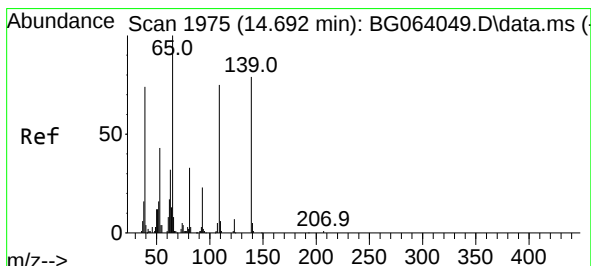
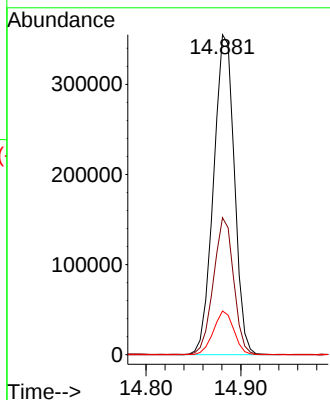
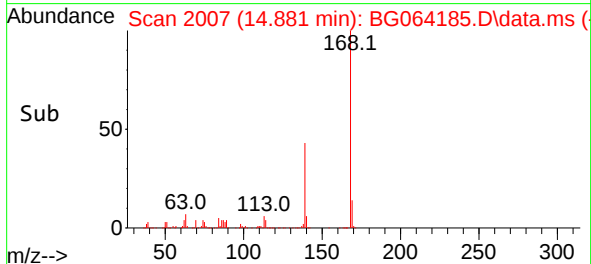
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



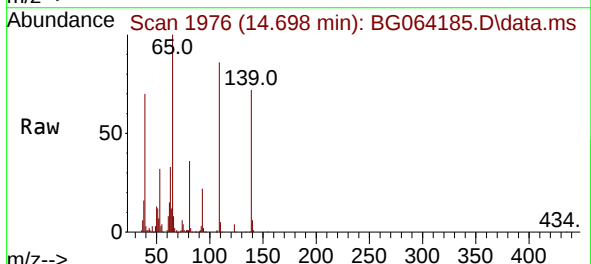
Tgt Ion:168 Resp: 542109
Ion Ratio Lower Upper
168 100
139 42.8 31.1 46.7
169 13.7 10.5 15.7

Manual Integrations
APPROVED

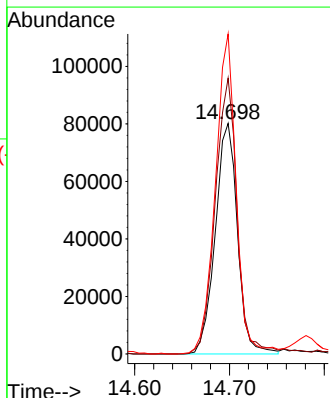
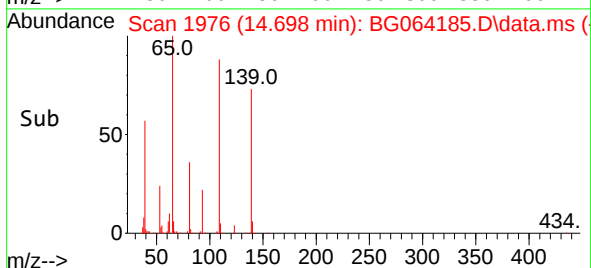
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

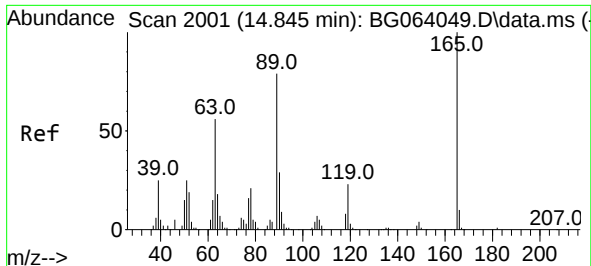


#56
4-Nitrophenol
Concen: 100.367 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



Tgt Ion:139 Resp: 130584
Ion Ratio Lower Upper
139 100
109 119.7 74.9 114.9#
65 138.8 106.8 146.8





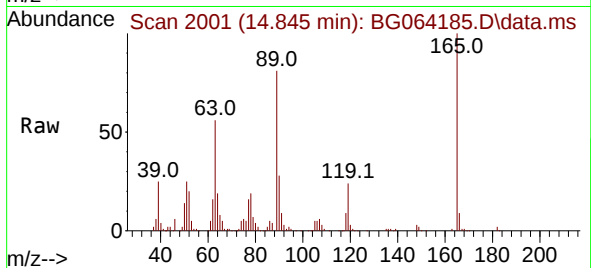
#57
2,4-Dinitrotoluene
Concen: 62.375 ng
RT: 14.845 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

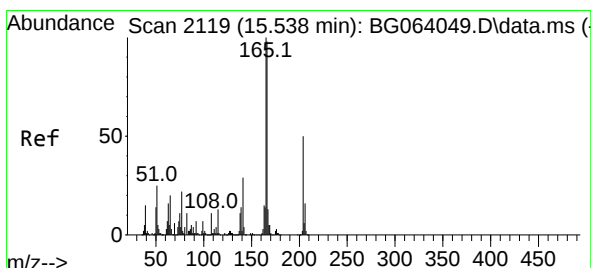
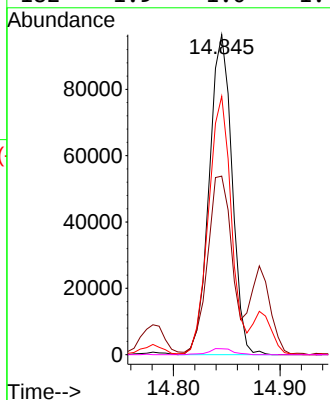
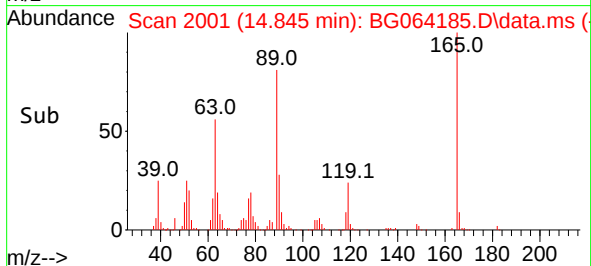


Tgt Ion:165 Resp: 142804
Ion Ratio Lower Upper
165 100
63 55.8 45.0 67.6
89 80.7 63.1 94.7
182 1.9 1.0 1.4#

Manual Integrations

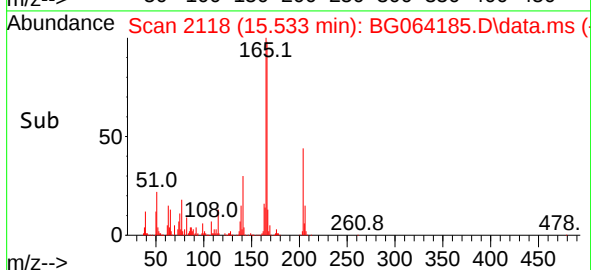
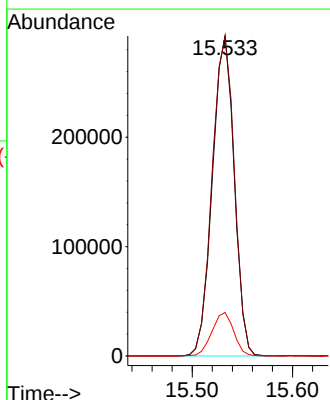
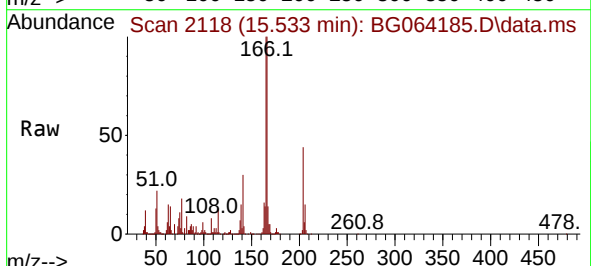
APPROVED

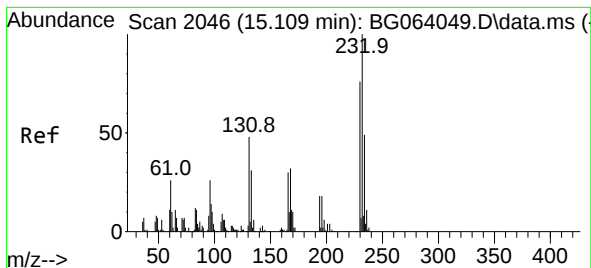
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#58
Fluorene
Concen: 54.915 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

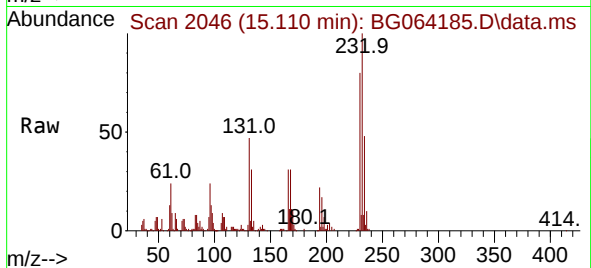
Tgt Ion:166 Resp: 440682
Ion Ratio Lower Upper
166 100
165 100.0 81.8 122.8
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.689 ng m
RT: 15.110 min Scan# 2046
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

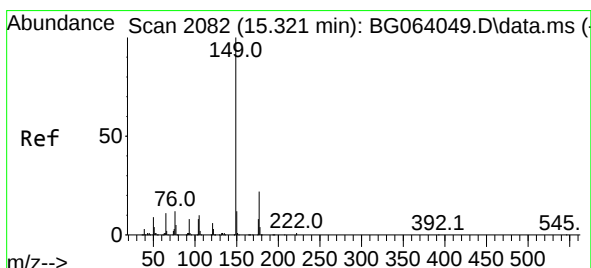
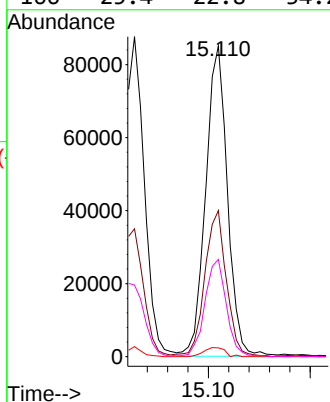
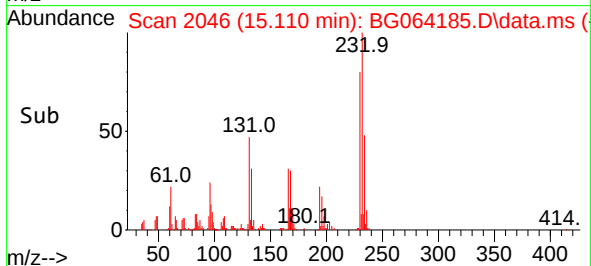
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



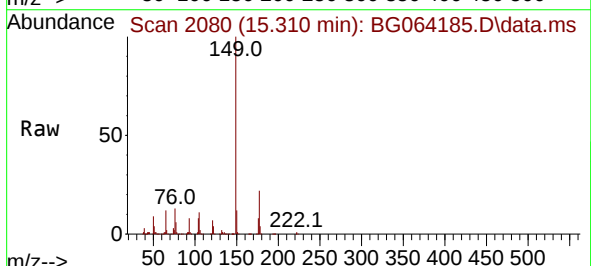
Tgt Ion:232 Resp: 126220
Ion Ratio Lower Upper
232 100
131 41.0 36.3 54.5
130 2.5 1.9 2.9
166 25.4 22.8 34.2

Manual Integrations
APPROVED

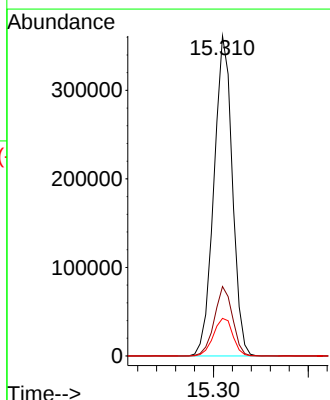
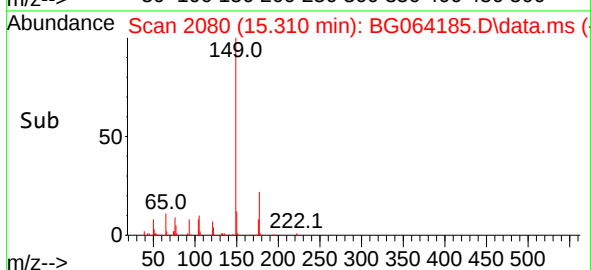
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

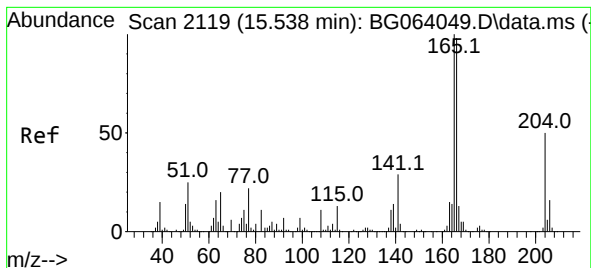


#60
Diethylphthalate
Concen: 55.955 ng
RT: 15.310 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



Tgt Ion:149 Resp: 487576
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 11.8 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 54.486 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

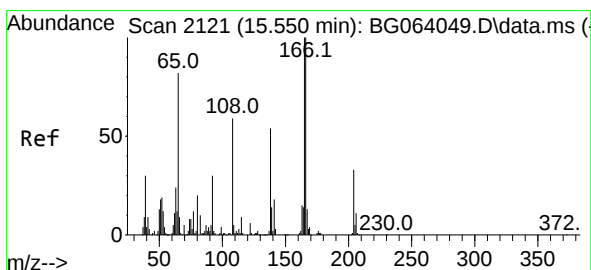
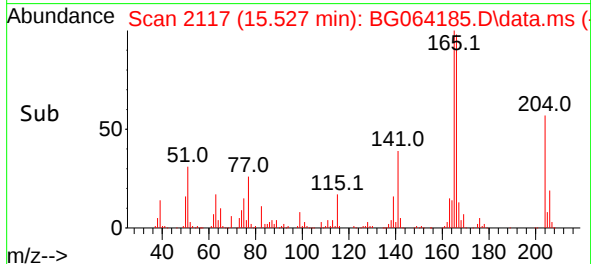
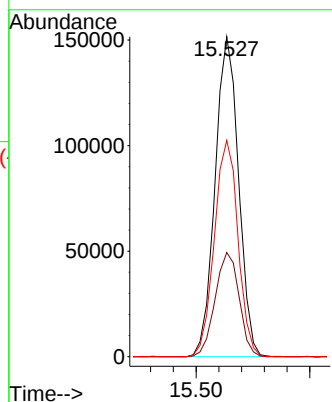
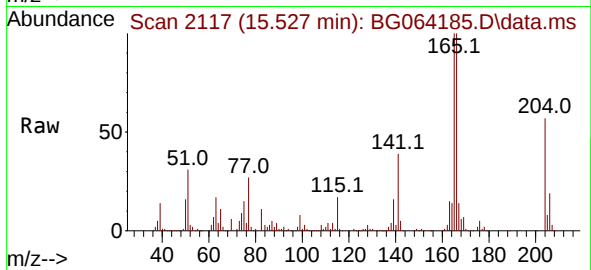
TP-4MSD

Tgt Ion:204 Resp: 217280
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 67.6 45.4 68.0

Manual Integrations

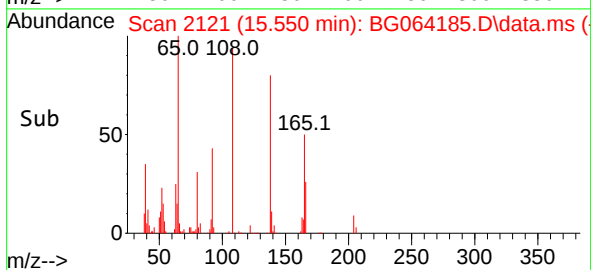
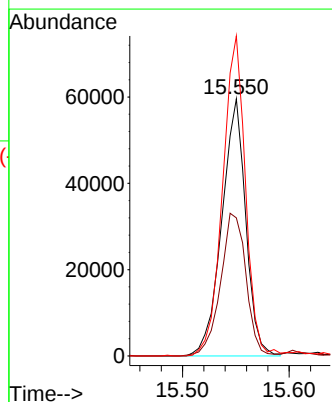
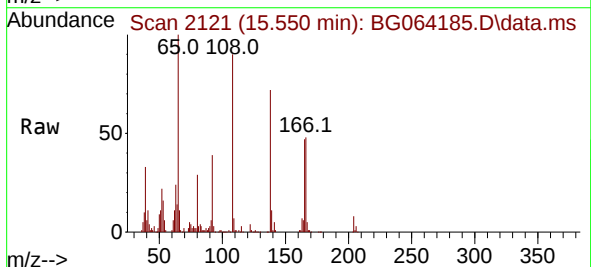
APPROVED

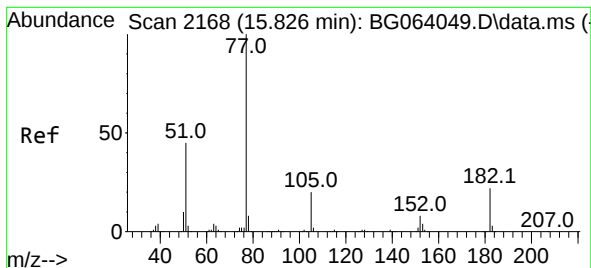
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#62
4-Nitroaniline
Concen: 55.434 ng
RT: 15.550 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Tgt Ion:138 Resp: 92845
Ion Ratio Lower Upper
138 100
92 53.7 36.1 76.1
108 124.5 87.9 127.9





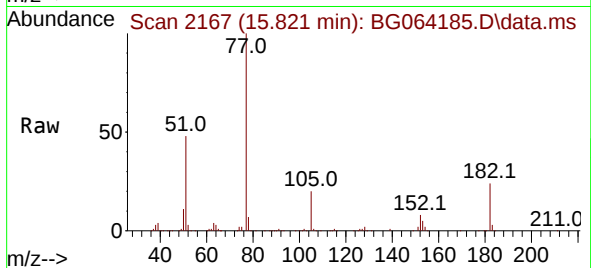
#63
Azobenzene
Concen: 53.084 ng
RT: 15.821 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD



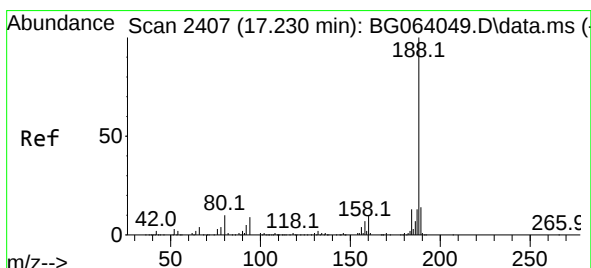
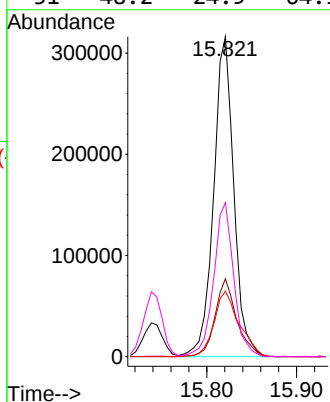
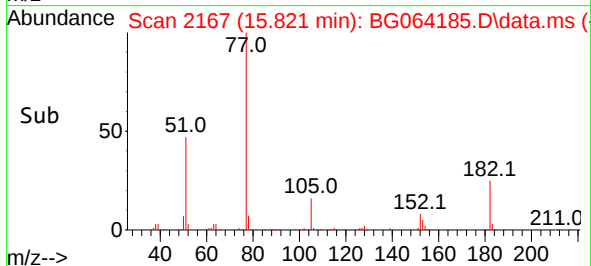
Tgt Ion: 77 Resp: 49359
Ion Ratio Lower Upper
77 100
182 24.3 2.4 42.4
105 20.5 0.0 40.0
51 48.2 24.9 64.9

Manual Integrations

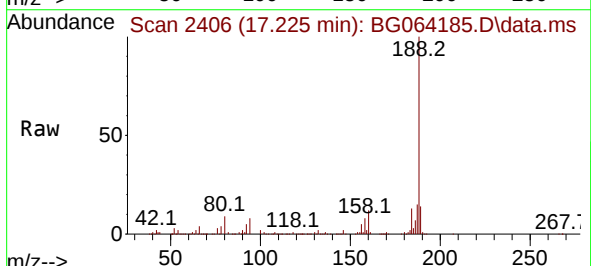
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

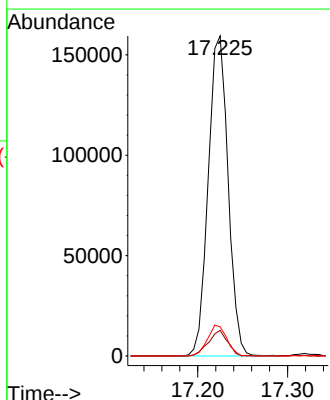
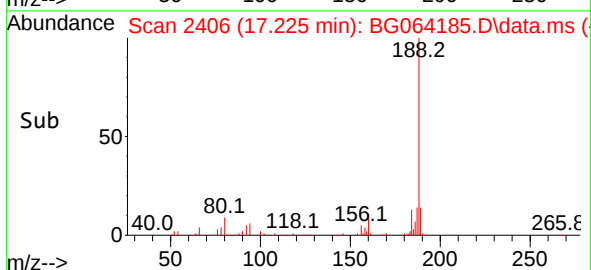
Supervised By :Jagrut Upadhyay 04/04/2025

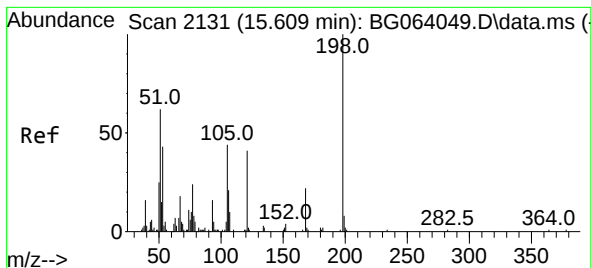


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



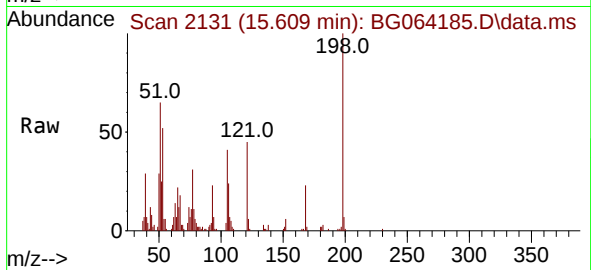
Tgt Ion:188 Resp: 244845
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.1 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 30.431 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

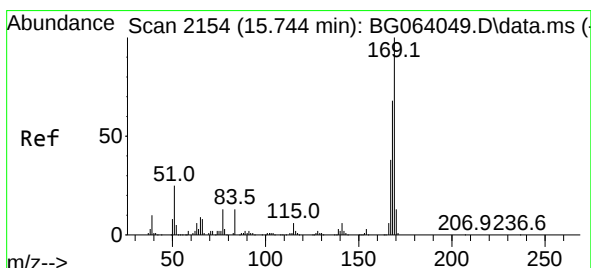
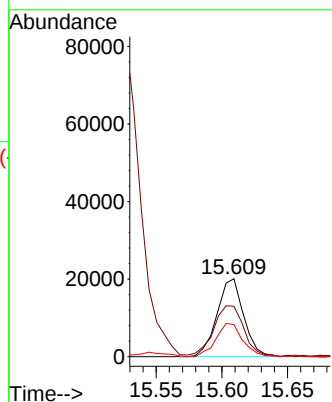
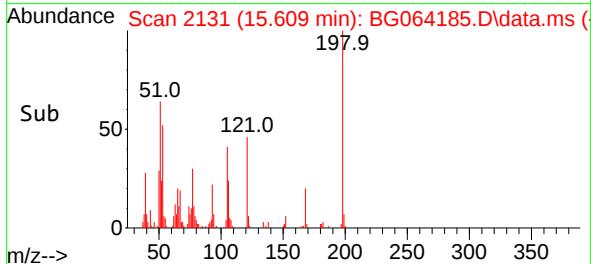
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



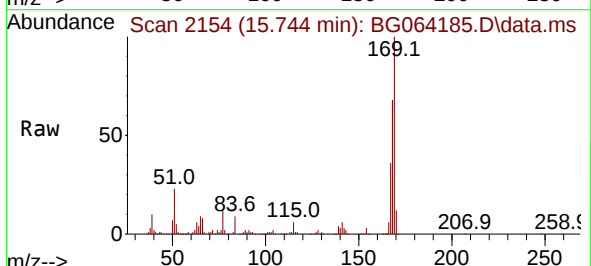
Tgt Ion:198 Resp: 28372
Ion Ratio Lower Upper
198 100
51 64.7 45.6 85.6
105 41.0 25.3 65.3

Manual Integrations
APPROVED

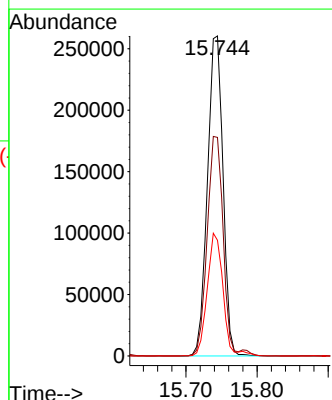
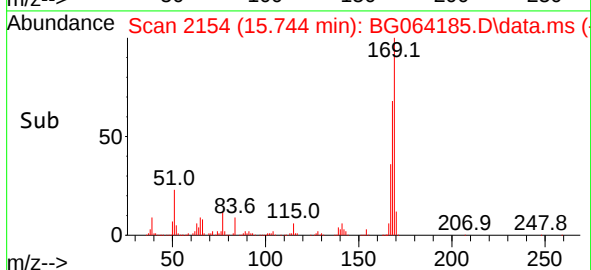
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

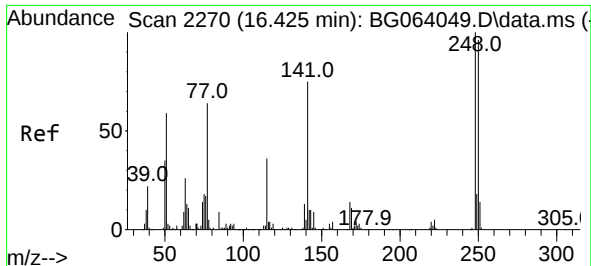


#66
n-Nitrosodiphenylamine
Concen: 57.281 ng
RT: 15.744 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



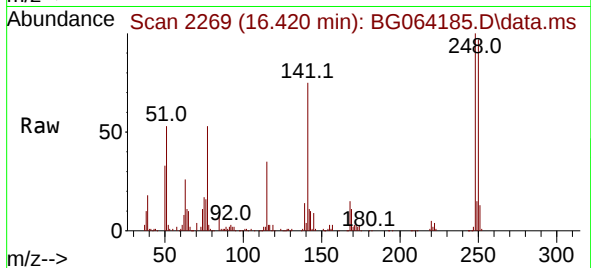
Tgt Ion:169 Resp: 396995
Ion Ratio Lower Upper
169 100
168 68.3 54.1 81.1
167 36.2 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 61.710 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

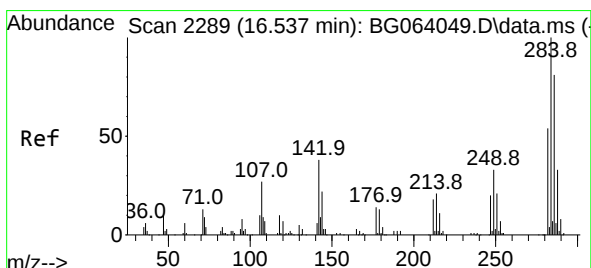
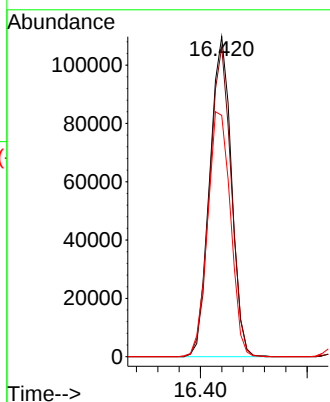
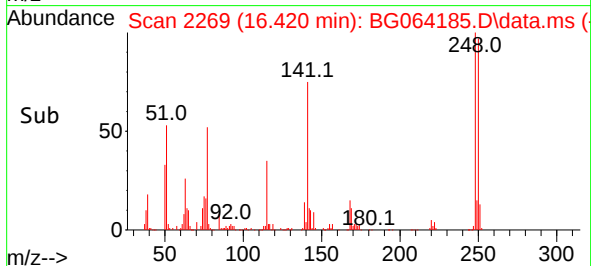
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



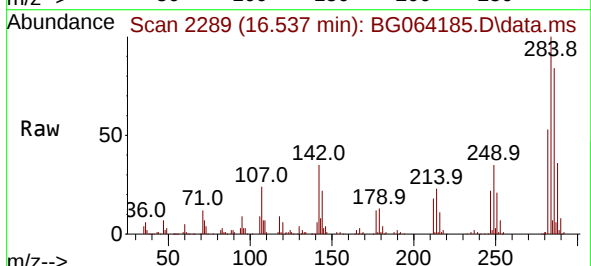
Tgt Ion:248 Resp: 154749
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 75.4 59.8 89.8

Manual Integrations
APPROVED

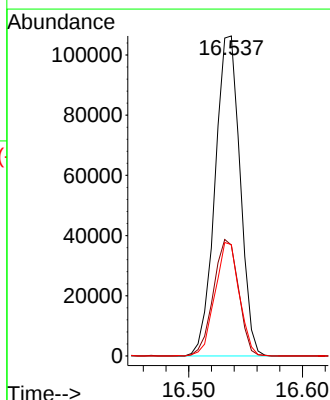
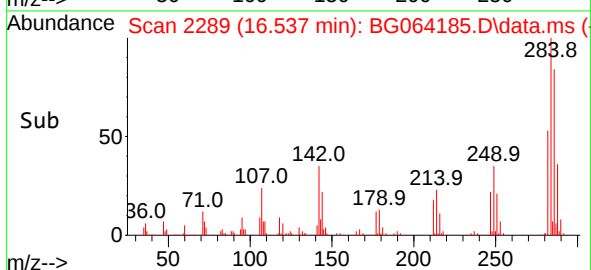
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

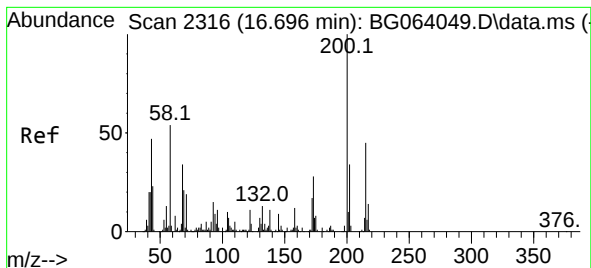


#68
Hexachlorobenzene
Concen: 57.859 ng
RT: 16.537 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



Tgt Ion:284 Resp: 162436
Ion Ratio Lower Upper
284 100
142 34.7 30.6 45.8
249 34.8 26.6 39.8





#69

Atrazine

Concen: 76.243 ng

RT: 16.690 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

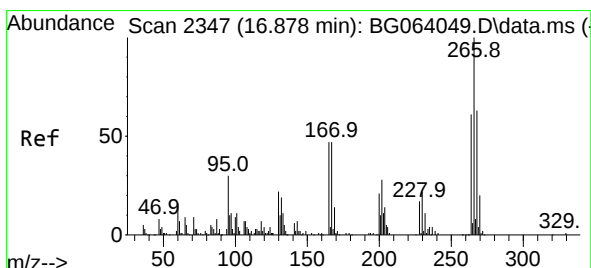
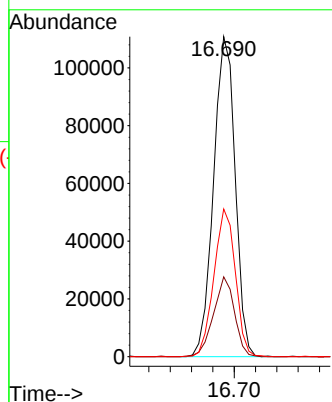
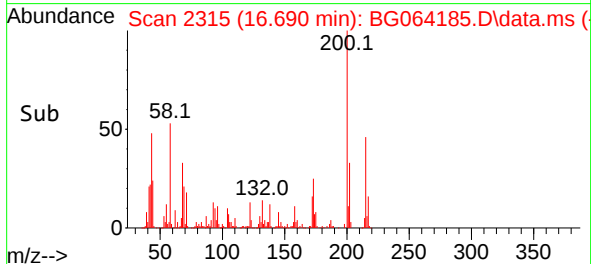
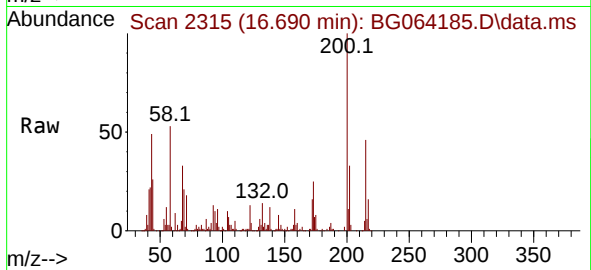
Tgt Ion:200 Resp: 155475
 Ion Ratio Lower Upper
 200 100
 173 24.9 8.2 48.2
 215 46.2 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#70

Pentachlorophenol

Concen: 73.998 ng

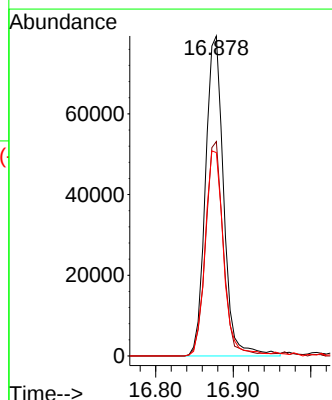
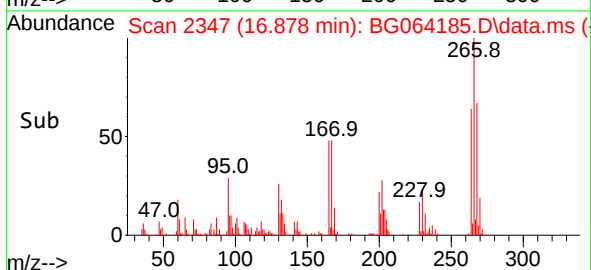
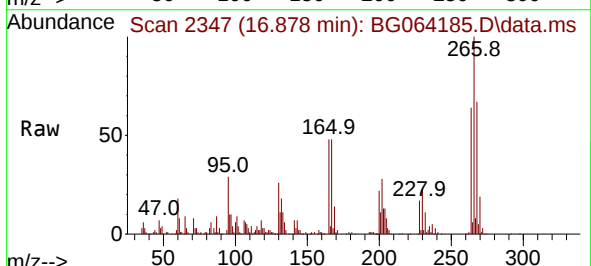
RT: 16.878 min Scan# 2347

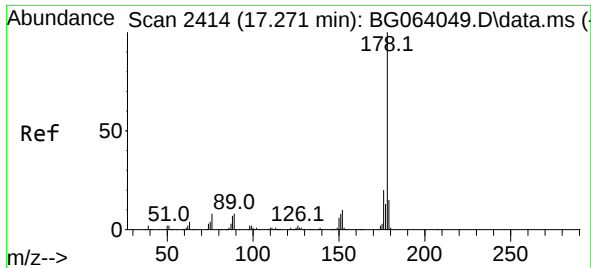
Delta R.T. 0.000 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

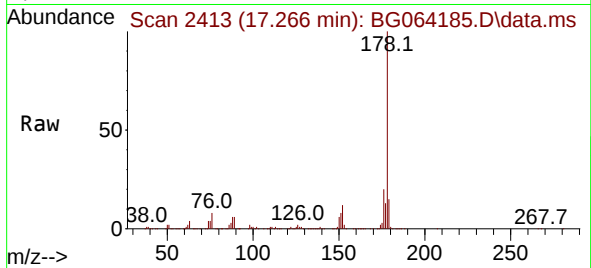
Tgt Ion:266 Resp: 128987
 Ion Ratio Lower Upper
 266 100
 268 67.0 50.2 75.4
 264 63.6 48.9 73.3





#71
Phenanthrene
Concen: 55.532 ng
RT: 17.266 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

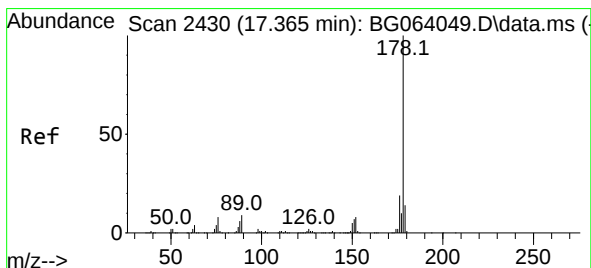
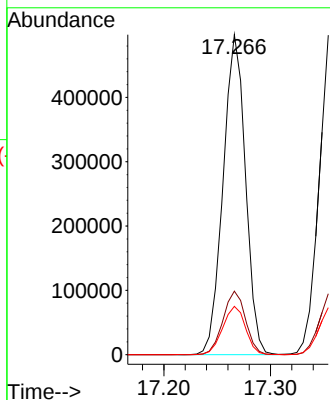
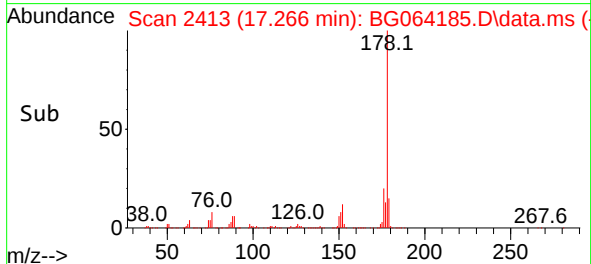
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



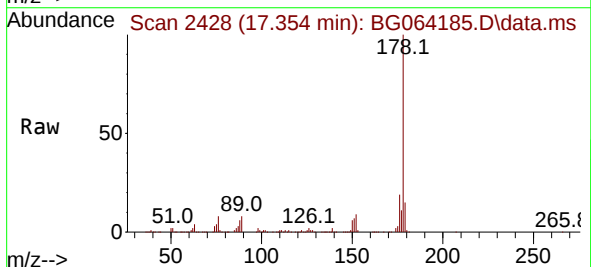
Tgt Ion:178 Resp: 725225
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.1 12.2 18.2

Manual Integrations
APPROVED

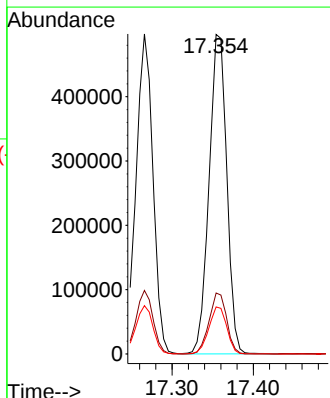
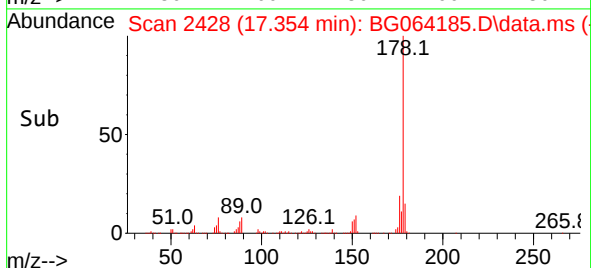
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

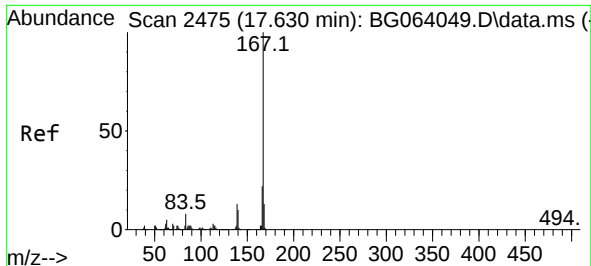


#72
Anthracene
Concen: 57.865 ng
RT: 17.354 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



Tgt Ion:178 Resp: 751420
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 14.7 11.5 17.3





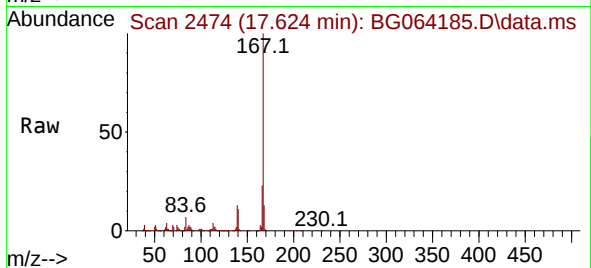
#73
 Carbazole
 Concen: 55.032 ng
 RT: 17.624 min Scan# 2475
 Delta R.T. -0.005 min
 Lab File: BG064185.D
 Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD



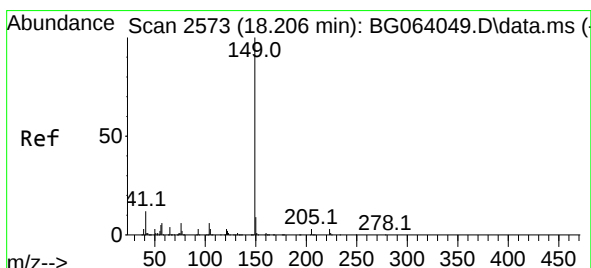
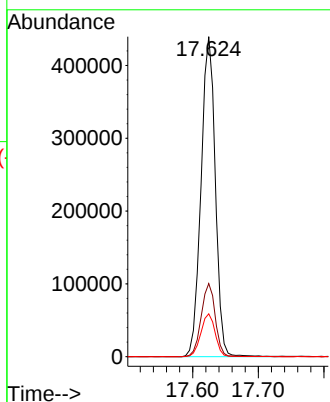
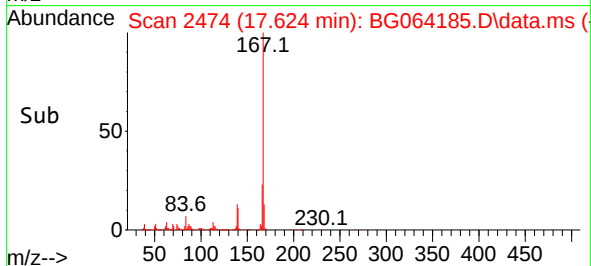
Tgt Ion:167 Resp: 667232
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 13.4 10.6 15.8

Manual Integrations

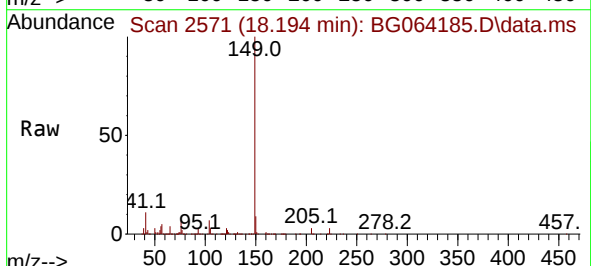
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

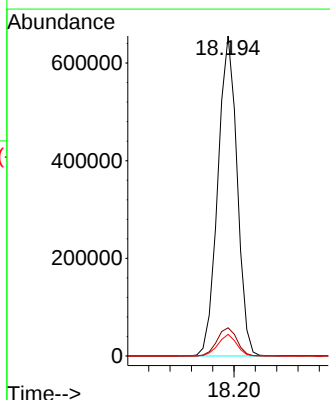
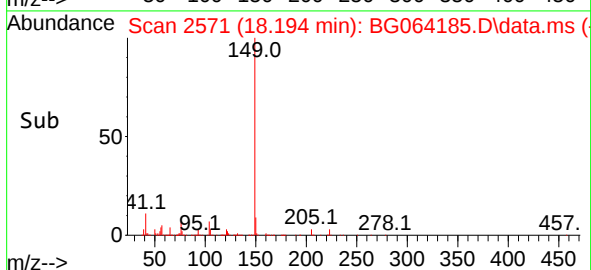
Supervised By :Jagrut Upadhyay 04/04/2025

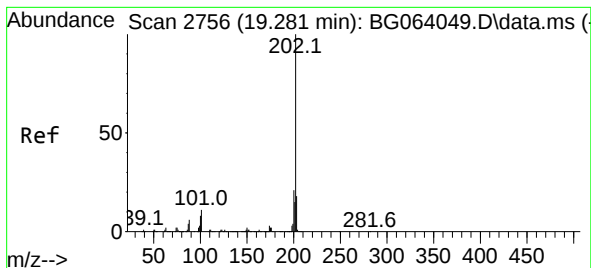


#74
 Di-n-butylphthalate
 Concen: 57.498 ng
 RT: 18.194 min Scan# 2571
 Delta R.T. -0.011 min
 Lab File: BG064185.D
 Acq: 4 Apr 2025 3:25



Tgt Ion:149 Resp: 820592
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 6.8 5.0 7.6





#75

Fluoranthene

Concen: 53.308 ng

RT: 19.275 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

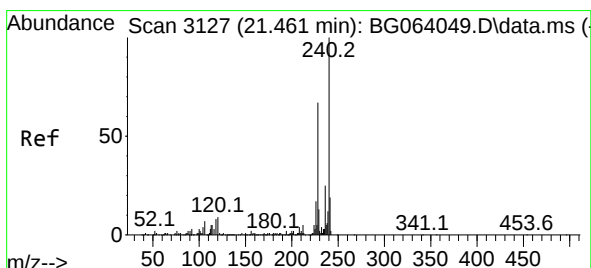
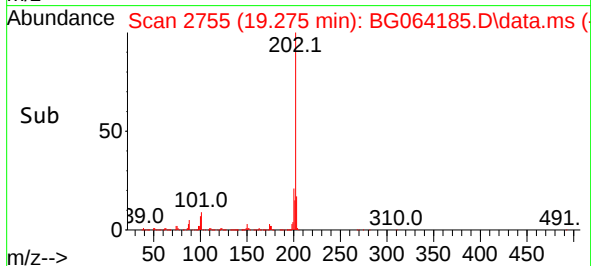
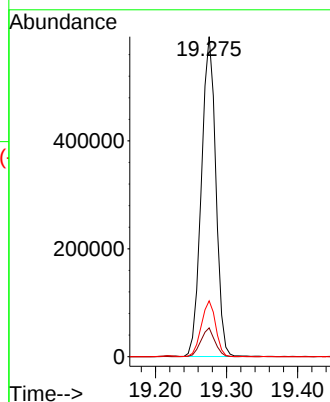
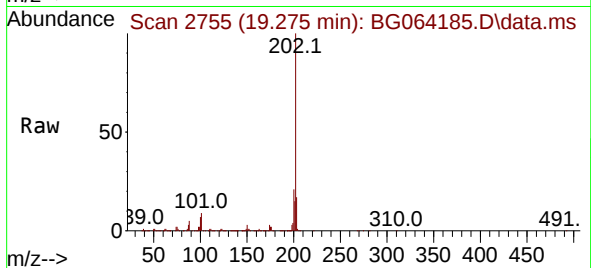
Tgt Ion:	202	Resp:	839284
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	30.5
203	17.4	0.0	38.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#76

Chrysene-d12

Concen: 20.000 ng

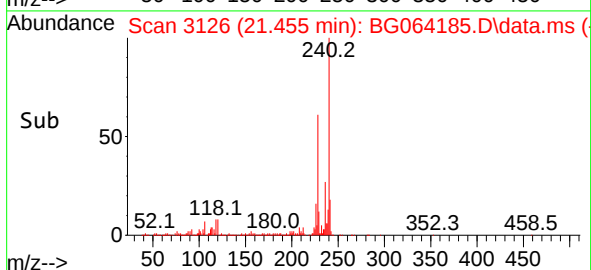
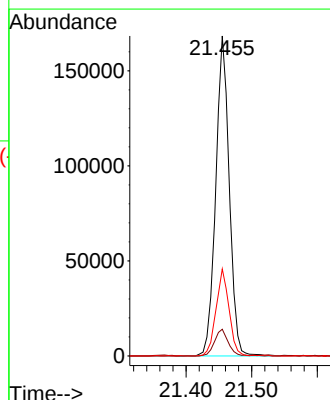
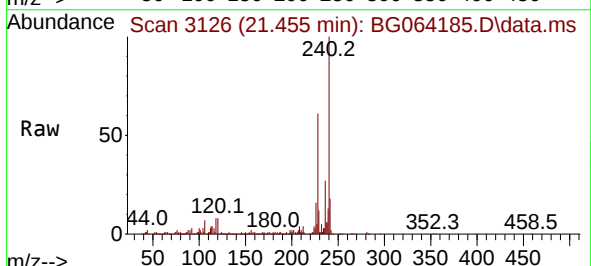
RT: 21.455 min Scan# 3126

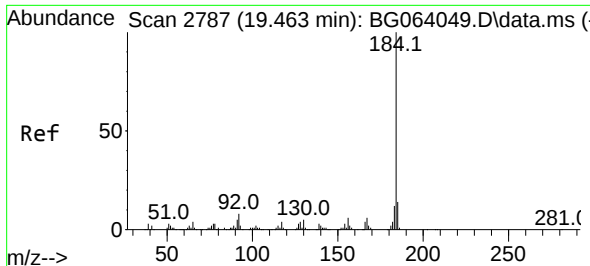
Delta R.T. -0.005 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

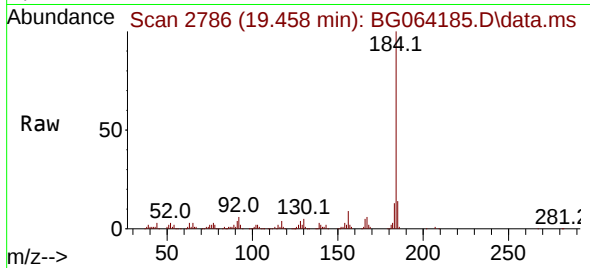
Tgt Ion:	240	Resp:	240423
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.2	10.8
236	27.2	20.2	30.2





#77
Benzidine
Concen: 48.519 ng
RT: 19.458 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

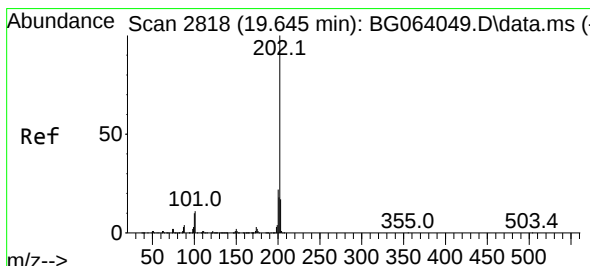
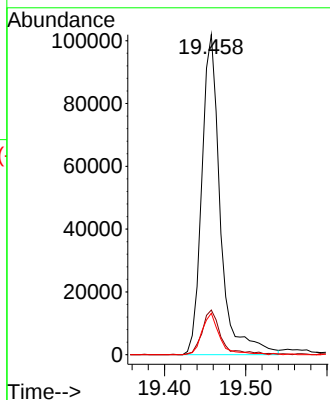
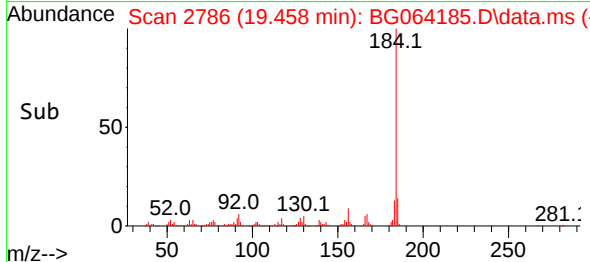
Instrument :
BNA_G
ClientSampleId :
TP-4MSD



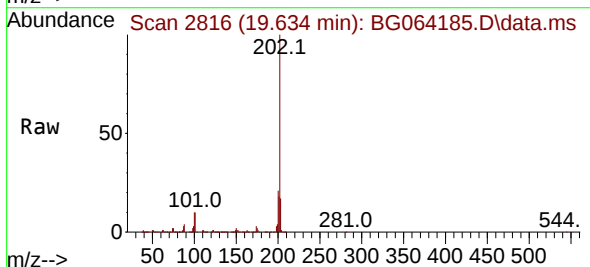
Tgt Ion:184 Resp: 161528
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 13.0 9.5 14.3

Manual Integrations
APPROVED

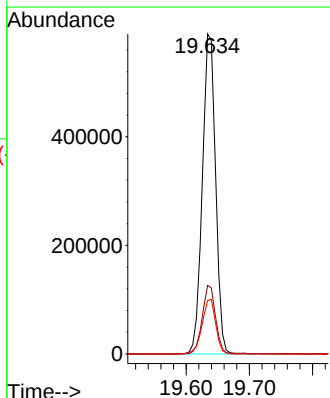
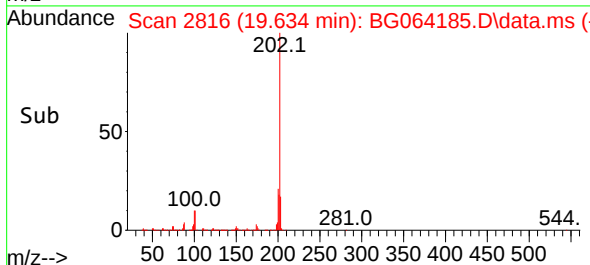
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

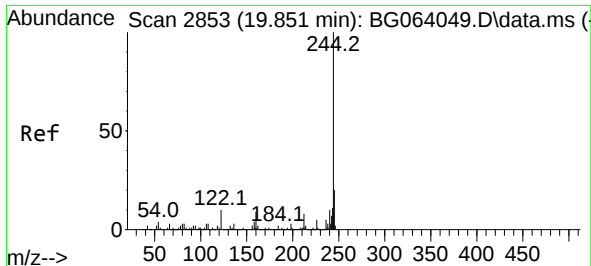


#78
Pyrene
Concen: 55.336 ng
RT: 19.634 min Scan# 2816
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25



Tgt Ion:202 Resp: 857599
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 16.7 13.6 20.4





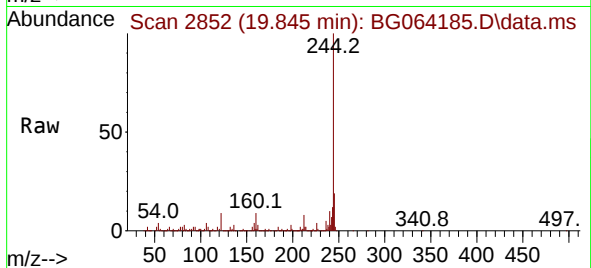
#79
 Terphenyl-d14
 Concen: 103.700 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064185.D
 Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD



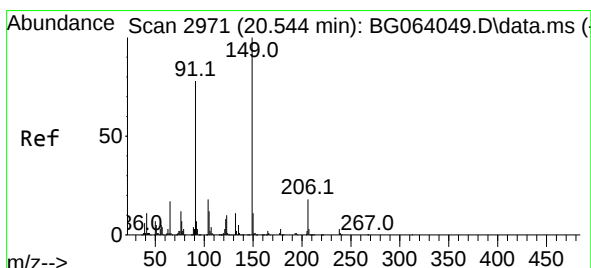
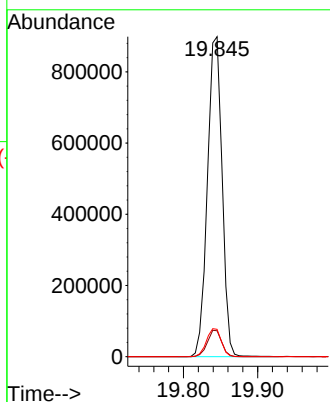
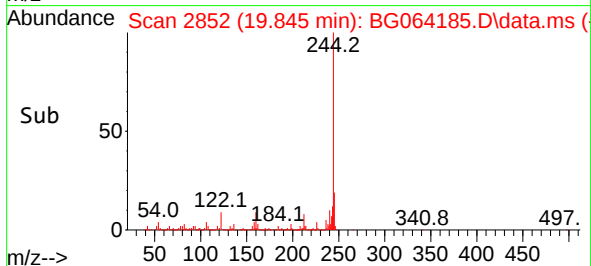
Tgt Ion:244 Resp: 1233035
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 8.6 8.0 12.0

Manual Integrations

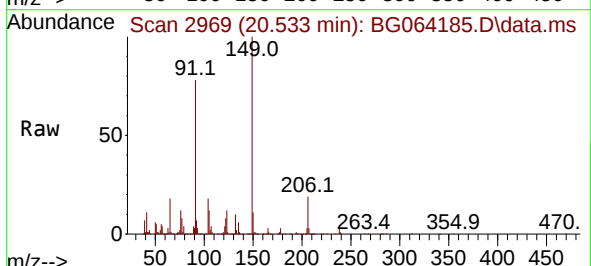
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

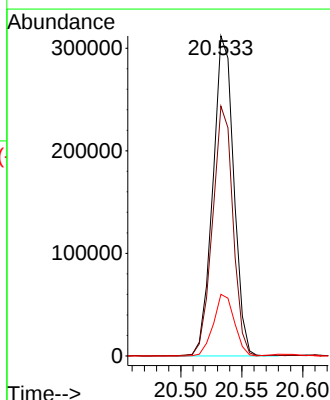
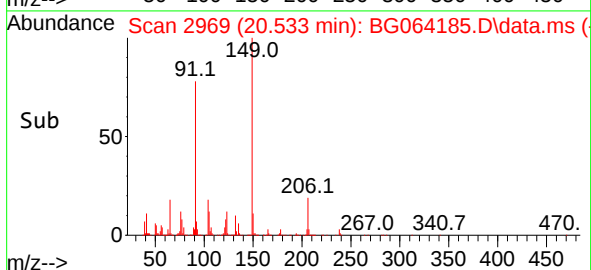
Supervised By :Jagrut Upadhyay 04/04/2025

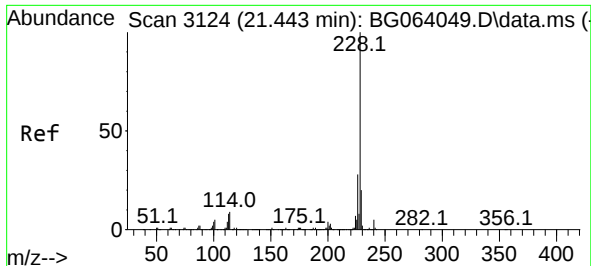


#80
 Butylbenzylphthalate
 Concen: 62.835 ng
 RT: 20.533 min Scan# 2969
 Delta R.T. -0.011 min
 Lab File: BG064185.D
 Acq: 4 Apr 2025 3:25



Tgt Ion:149 Resp: 372496
 Ion Ratio Lower Upper
 149 100
 91 78.1 62.0 93.0
 206 19.2 14.6 21.8





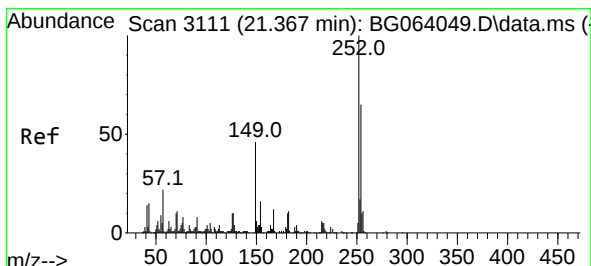
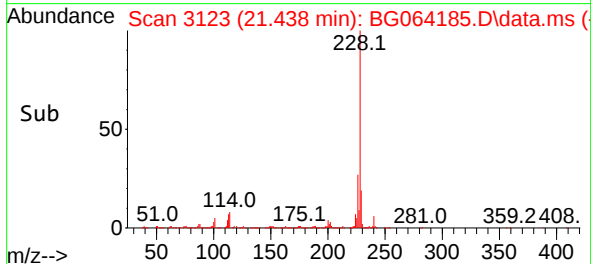
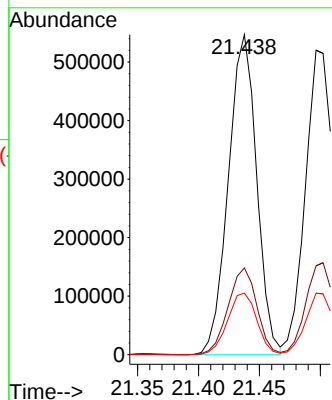
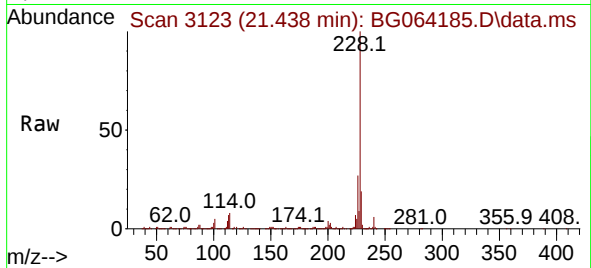
#81
Benzo(a)anthracene
Concen: 57.419 ng
RT: 21.438 min Scan# 3109
Delta R.T. -0.005 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Instrument :
BNA_G
ClientSampleId :
TP-4MSD

Tgt Ion:228 Resp: 88430
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 19.3 16.4 24.6

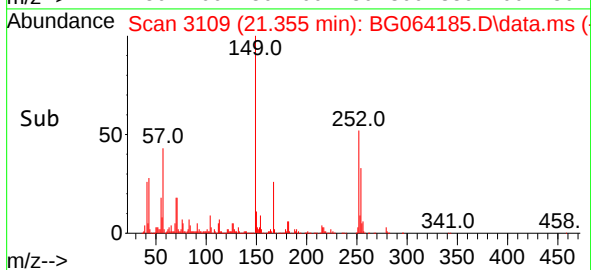
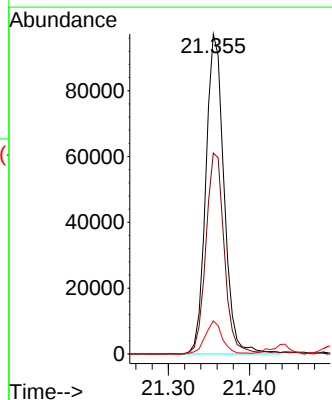
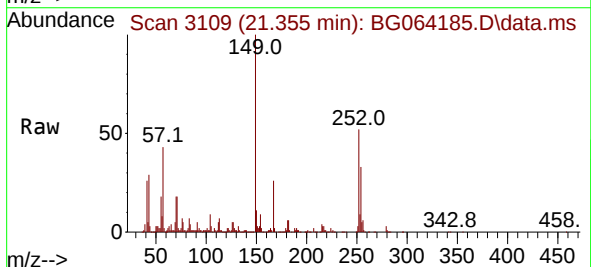
Manual Integrations
APPROVED

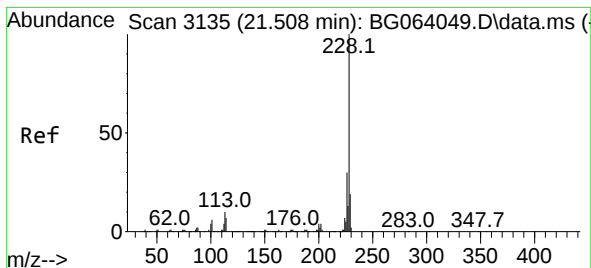
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 30.294 ng
RT: 21.355 min Scan# 3109
Delta R.T. -0.011 min
Lab File: BG064185.D
Acq: 4 Apr 2025 3:25

Tgt Ion:252 Resp: 150995
Ion Ratio Lower Upper
252 100
254 62.8 52.1 78.1
126 10.3 7.8 11.8





#83

Chrysene

Concen: 54.297 ng

RT: 21.496 min Scan# 3111

Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

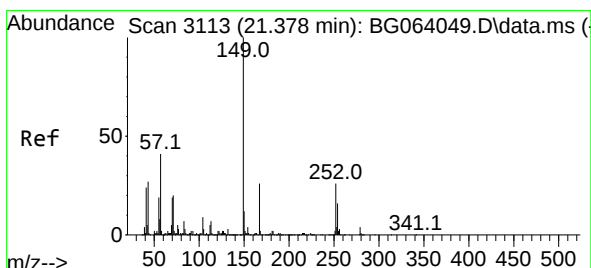
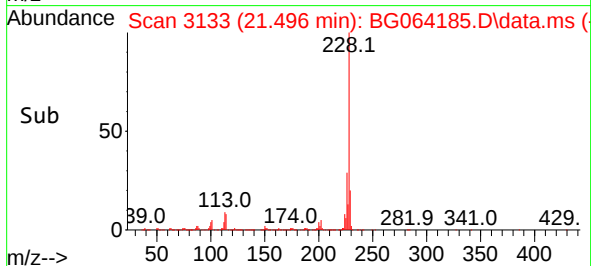
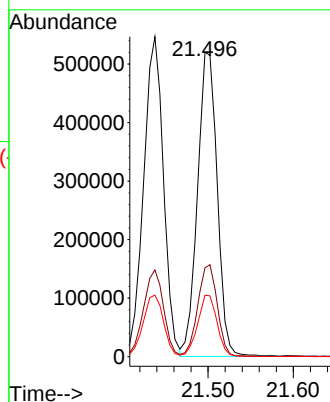
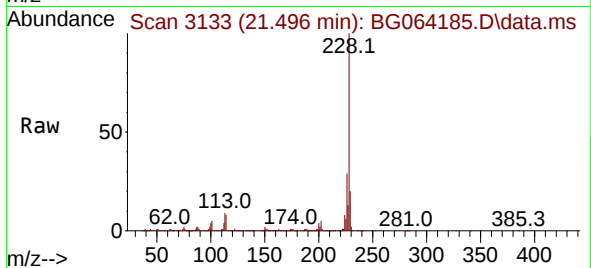
Tgt Ion:228 Resp: 834025
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.9 35.9
 229 20.2 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.336 ng

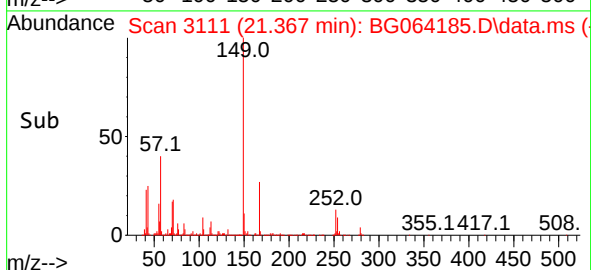
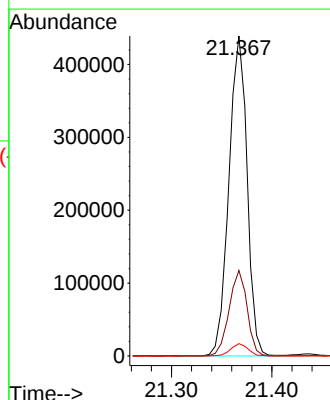
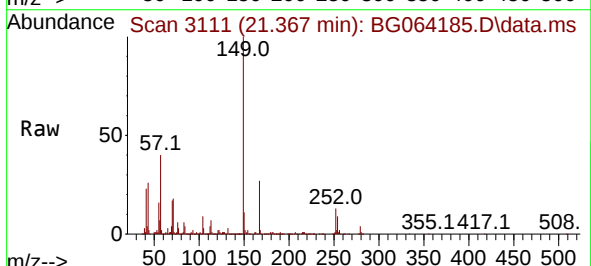
RT: 21.367 min Scan# 3111

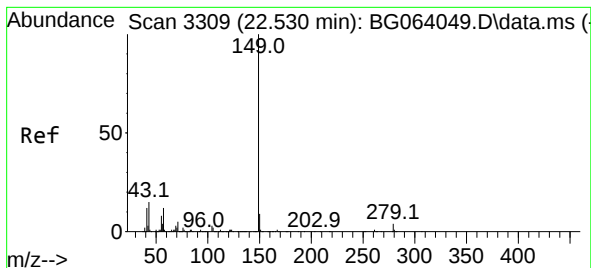
Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Tgt Ion:149 Resp: 552511
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.6
 279 3.9 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 65.183 ng

RT: 22.507 min Scan# 31

Delta R.T. -0.023 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

Tgt Ion:149 Resp: 93644

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

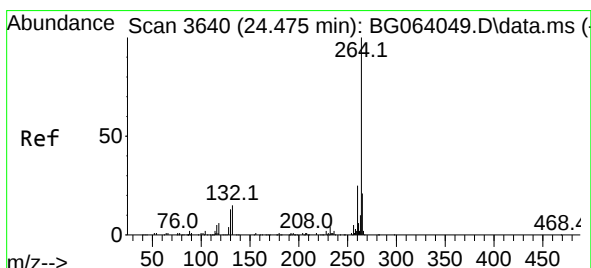
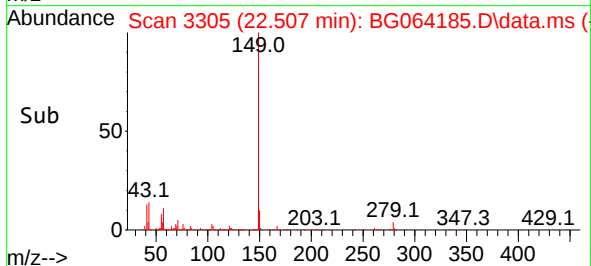
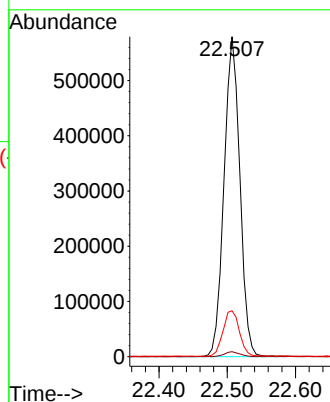
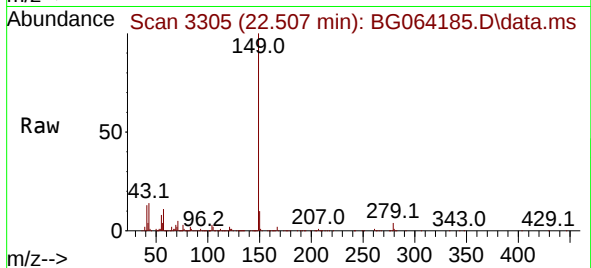
43 14.8 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.463 min Scan# 3638

Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

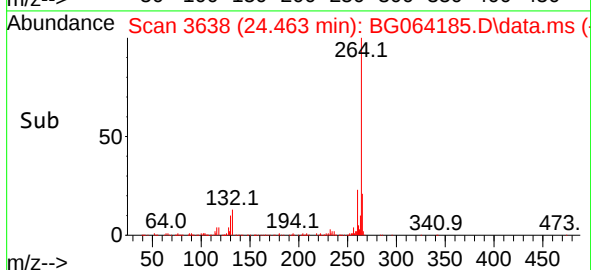
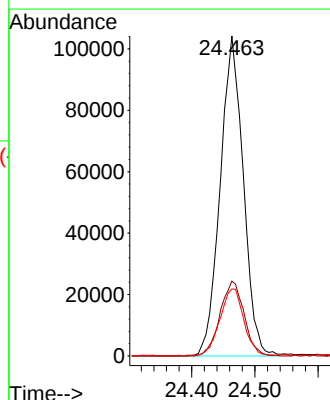
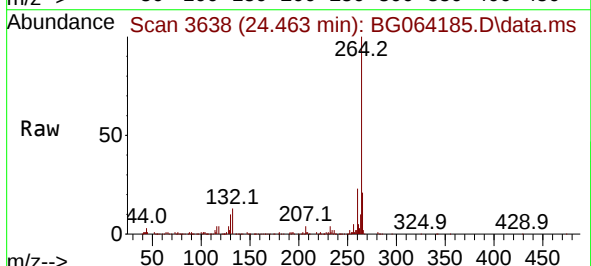
Tgt Ion:264 Resp: 264527

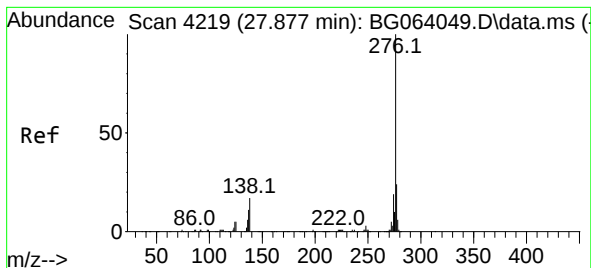
Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.090 ng

RT: 27.865 min Scan# 41

Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

Tgt Ion:276 Resp: 1028120

Ion Ratio Lower Upper

276 100

138 19.6 12.1 18.1

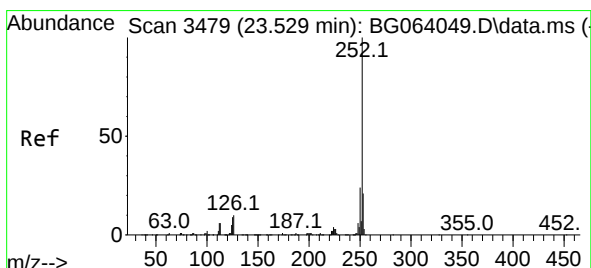
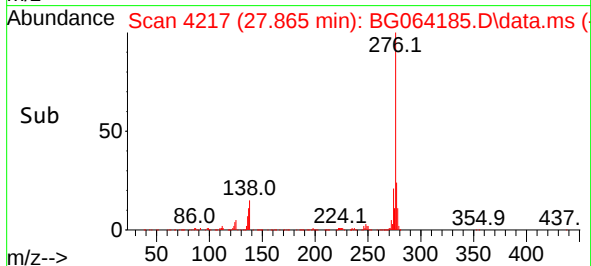
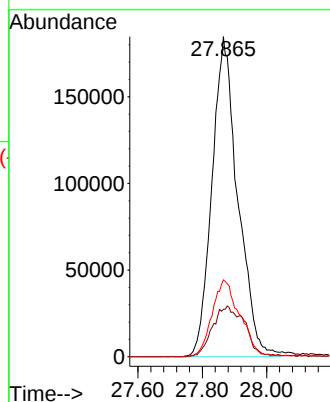
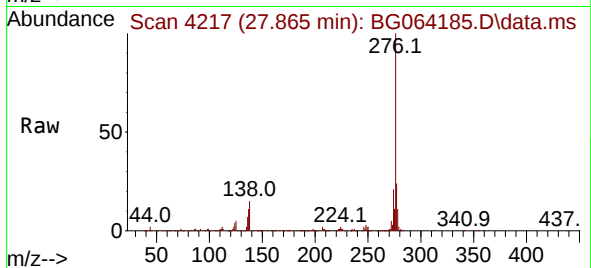
277 25.7 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#88

Benzo(b)fluoranthene

Concen: 54.603 ng

RT: 23.518 min Scan# 3477

Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

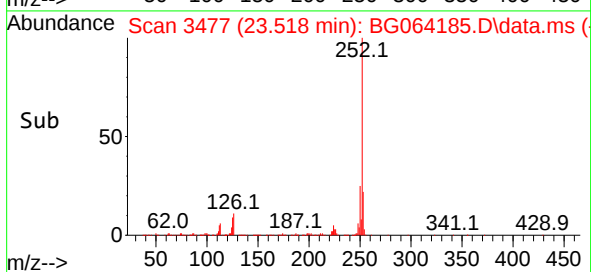
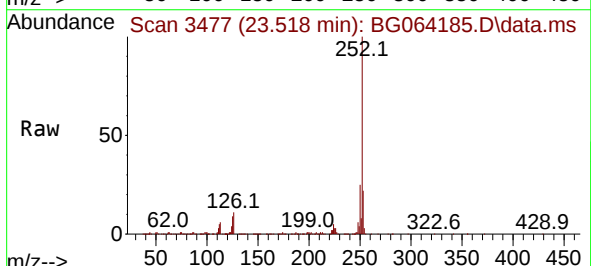
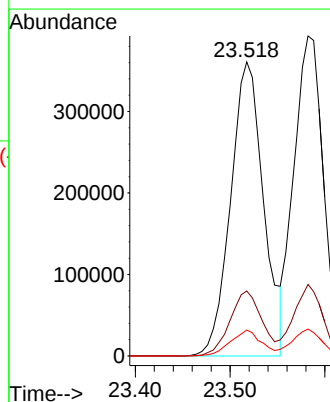
Tgt Ion:252 Resp: 873185

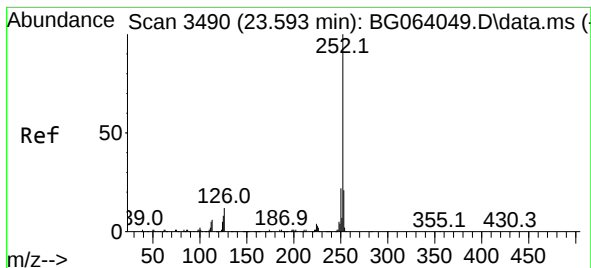
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

125 8.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 53.373 ng

RT: 23.582 min Scan# 34

Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD

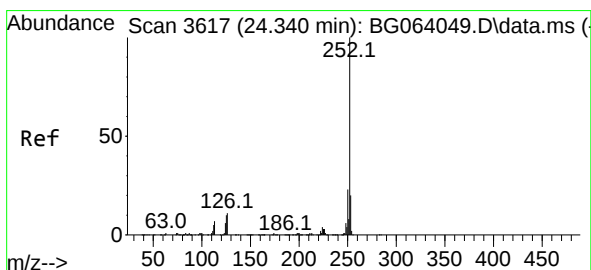
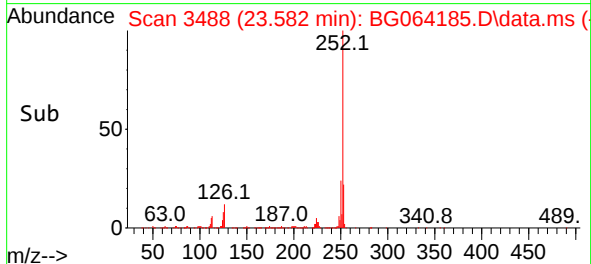
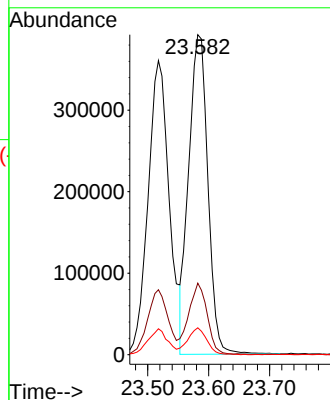
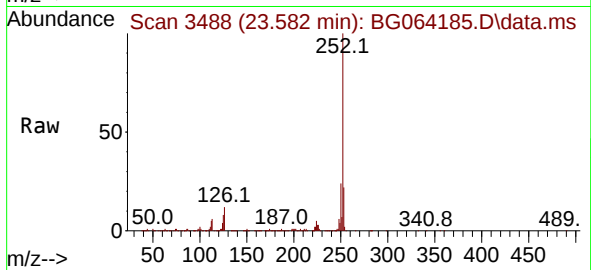
Tgt Ion:252 Resp: 85625
 Ion Ratio Lower Upper
 252 100
 253 22.3 16.8 25.2
 125 8.4 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#90

Benzo(a)pyrene

Concen: 59.119 ng

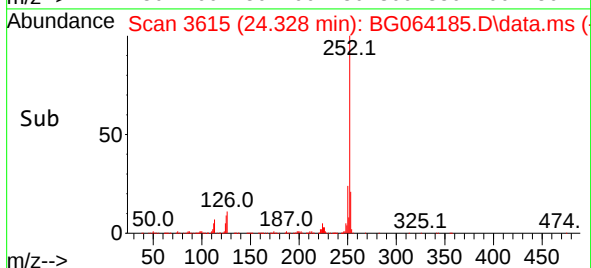
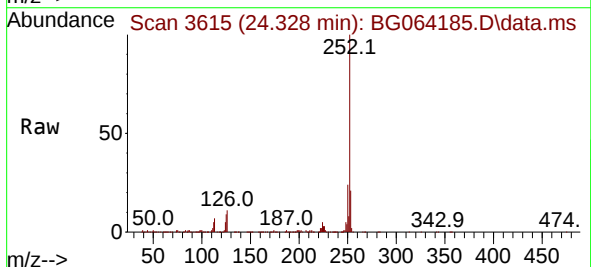
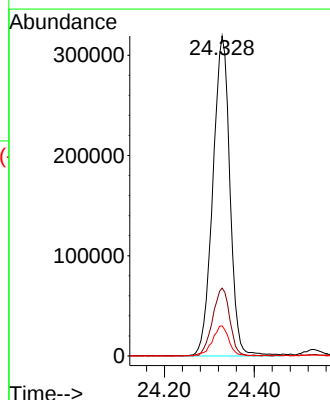
RT: 24.328 min Scan# 3615

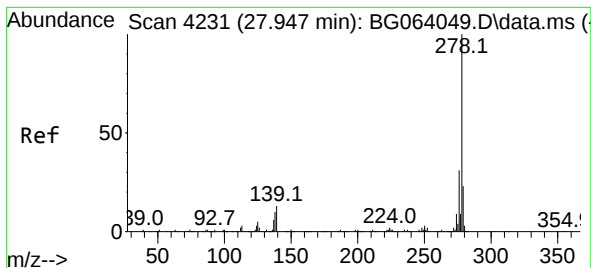
Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Tgt Ion:252 Resp: 841969
 Ion Ratio Lower Upper
 252 100
 253 21.2 16.2 24.2
 125 9.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 58.054 ng

RT: 27.924 min Scan# 41

Delta R.T. -0.023 min

Lab File: BG064185.D

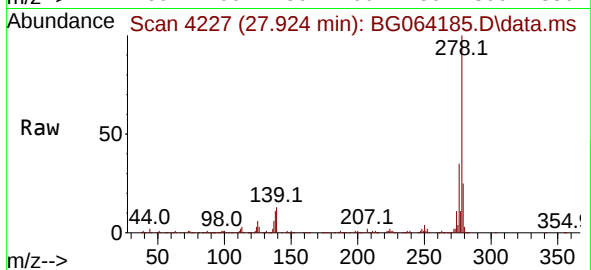
Acq: 4 Apr 2025 3:25

Instrument :

BNA_G

ClientSampleId :

TP-4MSD



Tgt Ion:278 Resp: 851834

Ion Ratio Lower Upper

278 100

139 12.5 10.2 15.2

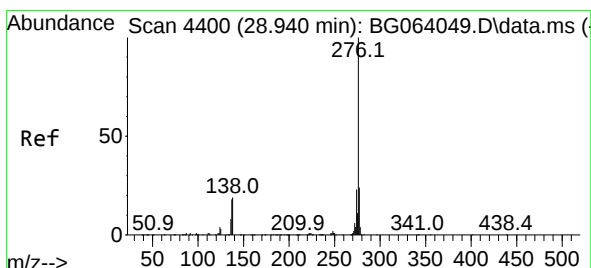
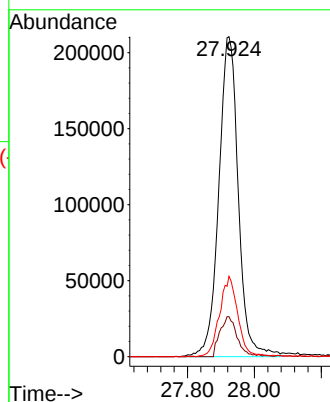
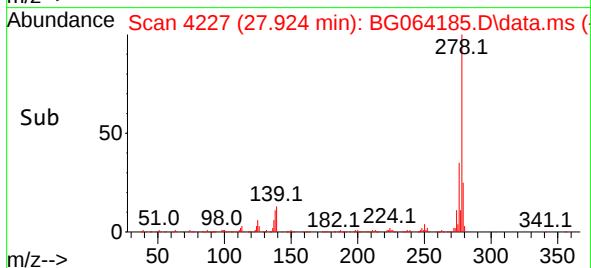
279 25.1 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#92

Benzo(g,h,i)perylene

Concen: 53.101 ng

RT: 28.929 min Scan# 4398

Delta R.T. -0.011 min

Lab File: BG064185.D

Acq: 4 Apr 2025 3:25

Tgt Ion:276 Resp: 799963

Ion Ratio Lower Upper

276 100

277 23.6 19.5 29.3

138 16.2 15.4 23.0

