

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064176.D
 Acq On : 3 Apr 2025 21:19
 Operator : RC/JU
 Sample : PB167451BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167451BSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 04 01:47:39 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	7.861	152	28303	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	133092	20.000	ng	-0.01
39) Acenaphthene-d10	14.483	164	102019	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	241112	20.000	ng	0.00
76) Chrysene-d12	21.457	240	247153	20.000	ng	0.00
86) Perylene-d12	24.465	264	262161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	273335	150.796	ng	0.00
7) Phenol-d6	7.032	99	363878	147.566	ng	0.00
23) Nitrobenzene-d5	9.012	82	254551	105.694	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	210729	185.826	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	622132	92.563	ng	0.00
79) Terphenyl-d14	19.847	244	1226464	100.339	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	24747	30.125	ng	# 90
3) Pyridine	3.742	79	72843	36.461	ng	94
4) n-Nitrosodimethylamine	3.660	42	61533	43.108	ng	93
6) Aniline	7.185	93	84711	35.010	ng	99
8) 2-Chlorophenol	7.426	128	106030	54.465	ng	97
9) Benzaldehyde	6.997	77	57799	40.303	ng	93
10) Phenol	7.056	94	133538	52.894	ng	93
11) bis(2-Chloroethyl)ether	7.279	93	88654	44.791	ng	96
12) 1,3-Dichlorobenzene	7.749	146	102295	47.850	ng	96
13) 1,4-Dichlorobenzene	7.896	146	106184	48.458	ng	96
14) 1,2-Dichlorobenzene	8.213	146	103492	48.980	ng	97
15) Benzyl Alcohol	8.096	79	108365	56.870	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.390	45	212871	47.830	ng	98
17) 2-Methylphenol	8.296	107	95267	56.856	ng	97
18) Hexachloroethane	8.936	117	41193	53.731	ng	95
19) n-Nitroso-di-n-propyla...	8.660	70	86738	50.122	ng	97
20) 3+4-Methylphenols	8.625	107	130993	56.786	ng	93
22) Acetophenone	8.678	105	167191	45.817	ng	# 98
24) Nitrobenzene	9.054	77	130832	52.565	ng	98
25) Isophorone	9.576	82	238760	49.530	ng	# 95
26) 2-Nitrophenol	9.765	139	56784	61.899	ng	96
27) 2,4-Dimethylphenol	9.823	122	110657	76.574	ng	97
28) bis(2-Chloroethoxy)met...	10.058	93	139396	47.697	ng	98
29) 2,4-Dichlorophenol	10.293	162	106169	58.183	ng	100
30) 1,2,4-Trichlorobenzene	10.511	180	106216	48.218	ng	99
31) Naphthalene	10.699	128	337756	47.063	ng	99
32) Benzoic acid	9.976	122	78160m	56.926	ng	
33) 4-Chloroaniline	10.804	127	29950	11.418	ng	98
34) Hexachlorobutadiene	10.987	225	72881	50.477	ng	96
35) Caprolactam	11.574	113	40627m	58.099	ng	
36) 4-Chloro-3-methylphenol	11.933	107	138667	57.973	ng	98
37) 2-Methylnaphthalene	12.309	142	231571	45.707	ng	99
38) 1-Methylnaphthalene	12.526	142	250615	50.490	ng	100
40) 1,2,4,5-Tetrachloroben...	12.679	216	132937	45.643	ng	# 95
41) Hexachlorocyclopentadiene	12.661	237	207064	252.595	ng	97
43) 2,4,6-Trichlorophenol	12.914	196	97758	56.949	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	109209	57.257	ng	97
46) 1,1'-Biphenyl	13.319	154	366417	47.540	ng	98
47) 2-Chloronaphthalene	13.360	162	275172	48.951	ng	98
48) 2-Nitroaniline	13.560	65	108592	56.226	ng	97
49) Acenaphthylene	14.206	152	477520	53.705	ng	99
50) Dimethylphthalate	13.942	163	381580	50.669	ng	99
51) 2,6-Dinitrotoluene	14.059	165	82465	53.558	ng	96
52) Acenaphthene	14.547	154	282136	47.281	ng	99
53) 3-Nitroaniline	14.383	138	31715	21.790	ng	96
54) 2,4-Dinitrophenol	14.594	184	105922	157.784	ng	# 70
55) Dibenzofuran	14.882	168	463105	47.907	ng	96
56) 4-Nitrophenol	14.700	139	153028	125.363	ng	90
57) 2,4-Dinitrotoluene	14.847	165	131963	61.490	ng	# 98
58) Fluorene	15.534	166	382424	50.793	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.111	232	111984	60.224	ng	# 94
60) Diethylphthalate	15.311	149	419250	51.282	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	191460	51.173	ng	91
62) 4-Nitroaniline	15.552	138	86814	55.246	ng	92
63) Azobenzene	15.822	77	414254	47.485	ng	97
65) 4,6-Dinitro-2-methylph...	15.611	198	78477	70.683	ng	94
66) n-Nitrosodiphenylamine	15.740	169	350536	51.361	ng	98
67) 4-Bromophenyl-phenylether	16.421	248	130700	52.927	ng	94
68) Hexachlorobenzene	16.533	284	144837	52.389	ng	98
69) Atrazine	16.692	200	143980	71.699	ng	93
70) Pentachlorophenol	16.880	266	194044	113.044	ng	98
71) Phenanthrene	17.267	178	654476	50.891	ng	99
72) Anthracene	17.356	178	682335	53.358	ng	98
73) Carbazole	17.626	167	618082	51.768	ng	99
74) Di-n-butylphthalate	18.196	149	743858	52.928	ng	99
75) Fluoranthene	19.277	202	768518	49.569	ng	97
77) Benzidine	19.459	184	209165	61.117	ng	99
78) Pyrene	19.635	202	793876	49.829	ng	100
80) Butylbenzylphthalate	20.534	149	342298	56.555	ng	98
81) Benzo(a)anthracene	21.439	228	811117	51.233	ng	99
82) 3,3'-Dichlorobenzidine	21.357	252	130164	25.404	ng	# 97
83) Chrysene	21.498	228	763254	48.337	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	494996	57.812	ng	98
85) Di-n-octyl phthalate	22.508	149	861580	58.339	ng	98
87) Indeno(1,2,3-cd)pyrene	27.873	276	948603	54.080	ng	# 96
88) Benzo(b)fluoranthene	23.519	252	804926	50.789	ng	99
89) Benzo(k)fluoranthene	23.584	252	780833	49.111	ng	99
90) Benzo(a)pyrene	24.330	252	761854	53.976	ng	96
91) Dibenzo(a,h)anthracene	27.926	278	786562	54.090	ng	97
92) Benzo(g,h,i)perylene	28.924	276	743203	49.778	ng	96

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

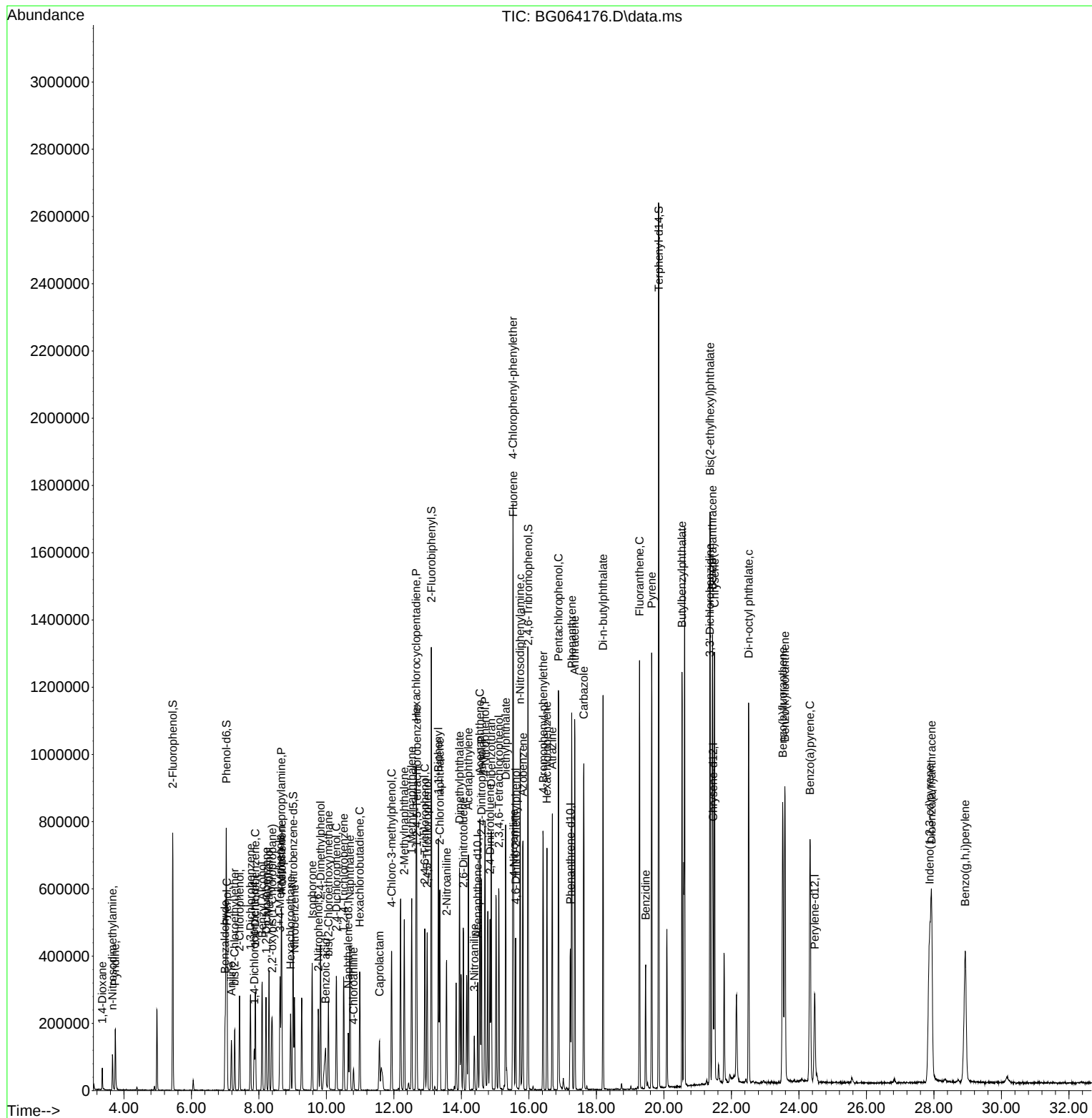
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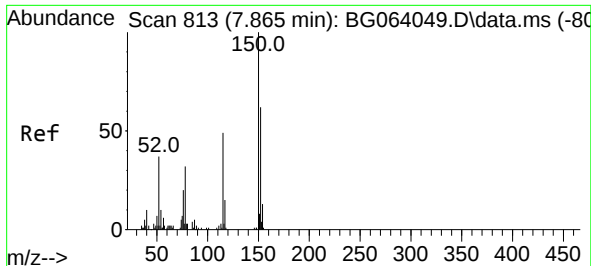
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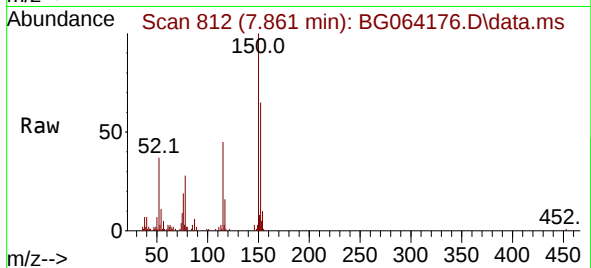
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

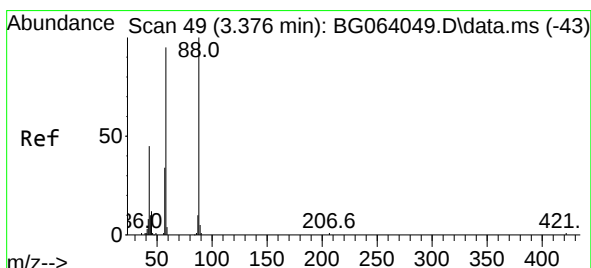
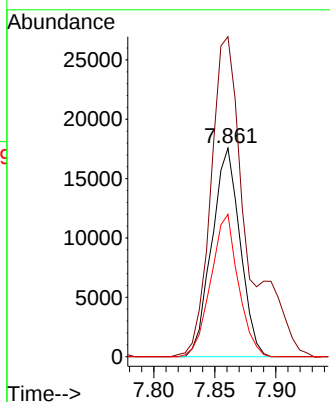
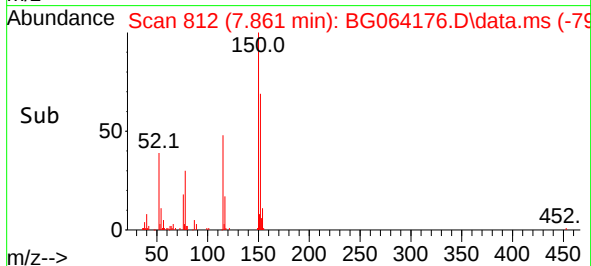
Instrument :
BNA_G
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PB167451BSD



Tgt Ion:152 Resp: 2830
Ion Ratio Lower Upper
152 100
150 153.5 129.2 193.8
115 68.3 63.0 94.6

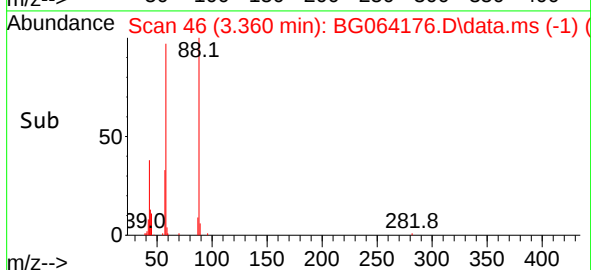
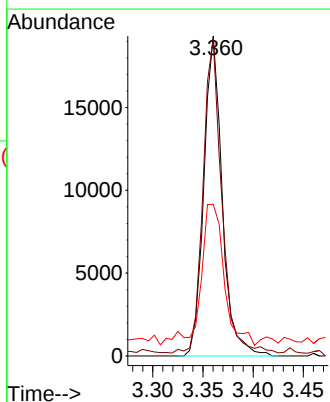
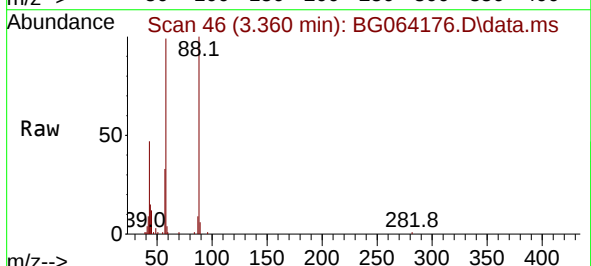
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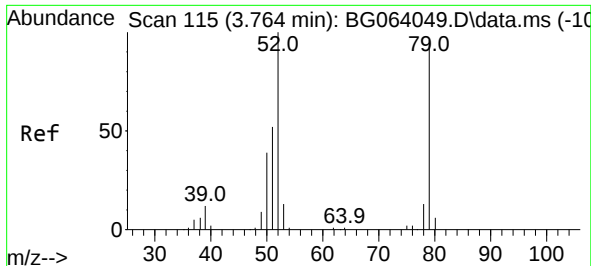
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#2
1,4-Dioxane
Concen: 30.125 ng
RT: 3.360 min Scan# 46
Delta R.T. -0.016 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Tgt Ion: 88 Resp: 24747
Ion Ratio Lower Upper
88 100
58 99.1 74.6 111.8
43 55.5 35.5 53.3





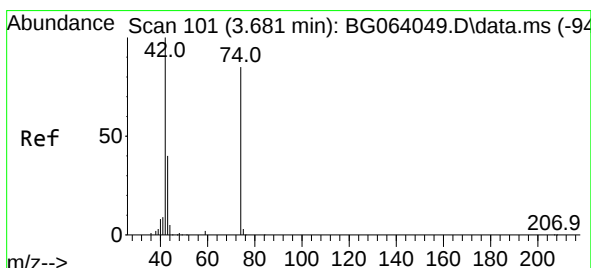
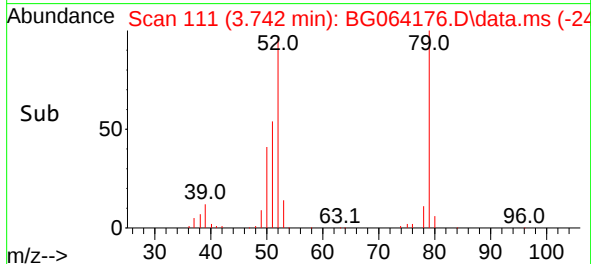
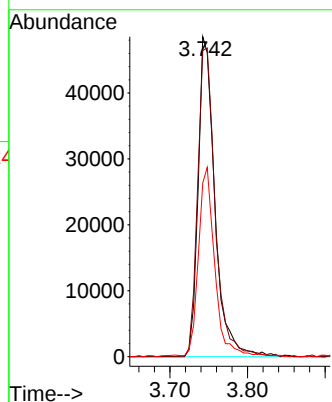
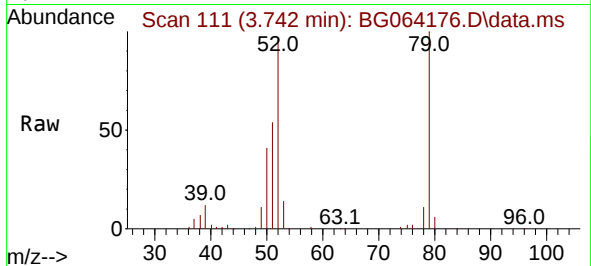
#3
Pyridine
Concen: 36.461 ng
RT: 3.742 min Scan# 115
Delta R.T. -0.021 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

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BNA_G
ClientSampleId :
PB167451BSD

Tgt Ion: 79 Resp: 7284
Ion Ratio Lower Upper
79 100
52 95.6 83.0 124.6
51 54.3 44.3 66.5

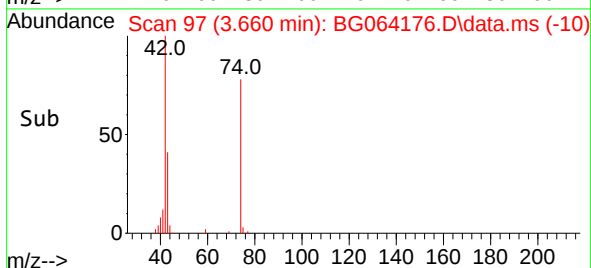
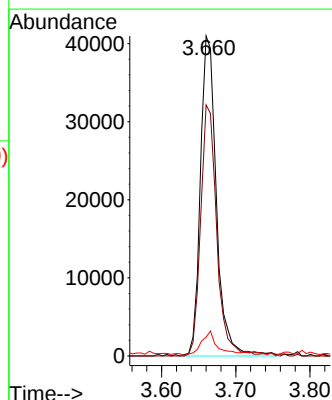
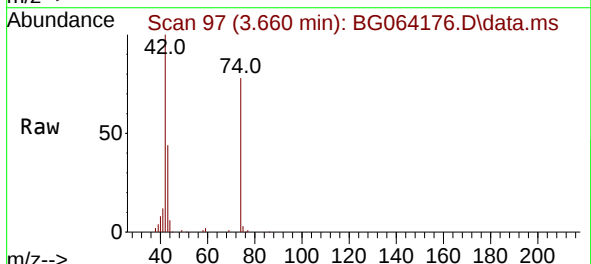
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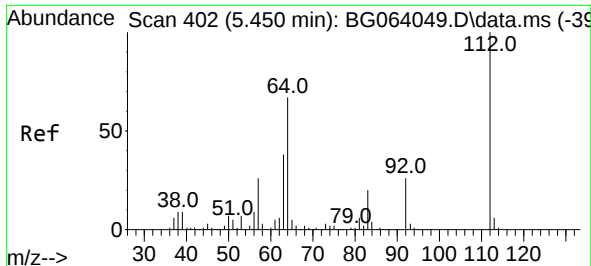
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Supervised By :Jagrut Upadhyay 04/04/2025



#4
n-Nitrosodimethylamine
Concen: 43.108 ng
RT: 3.660 min Scan# 97
Delta R.T. -0.021 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Tgt Ion: 42 Resp: 61533
Ion Ratio Lower Upper
42 100
74 78.5 68.0 102.0
44 5.9 4.9 7.3





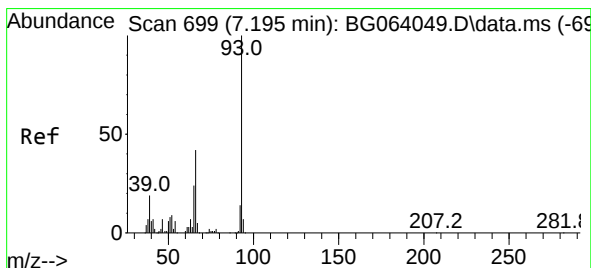
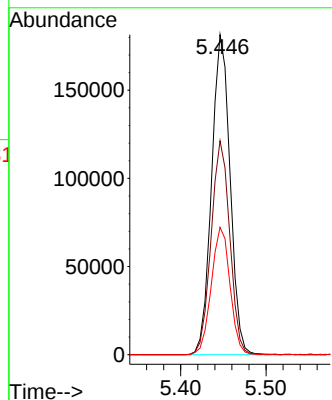
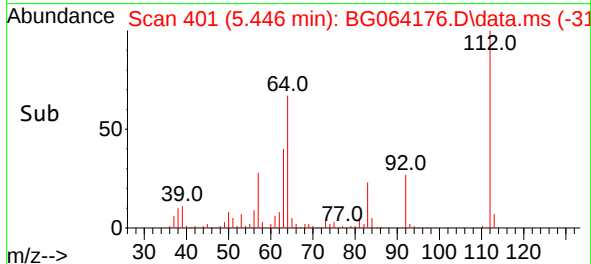
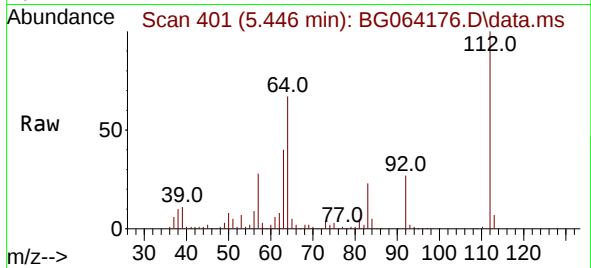
#5
2-Fluorophenol
Concen: 150.796 ng
RT: 5.446 min Scan# 402
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 27333
Ion Ratio Lower Upper
112 100
64 66.8 53.7 80.5
63 39.8 30.2 45.4

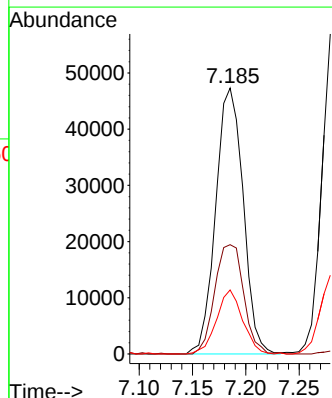
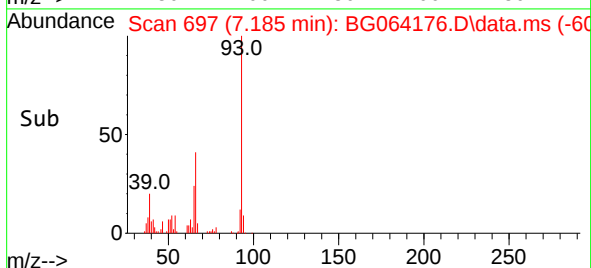
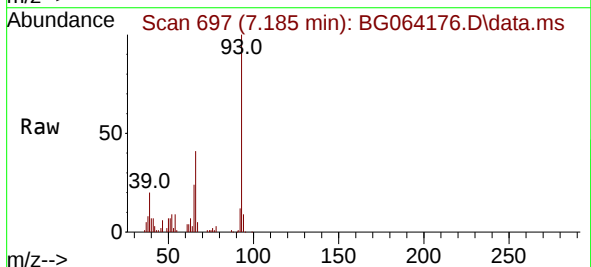
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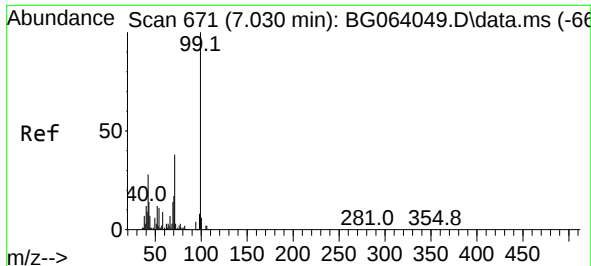
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#6
Aniline
Concen: 35.010 ng
RT: 7.185 min Scan# 697
Delta R.T. -0.010 min
Lab File: BG064176.D
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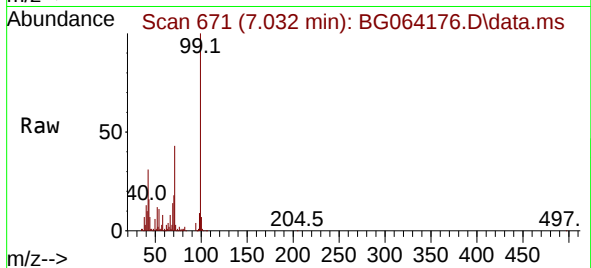
Tgt Ion: 93 Resp: 84711
Ion Ratio Lower Upper
93 100
66 41.1 33.7 50.5
65 24.0 19.1 28.7





#7
Phenol-d6
Concen: 147.566 ng
RT: 7.032 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG064176.D
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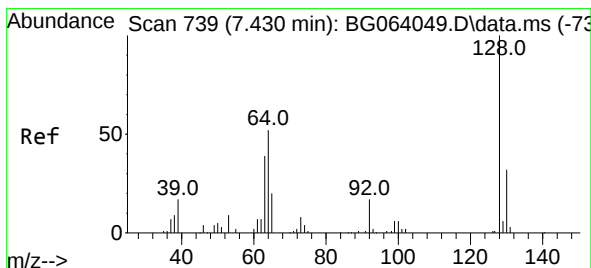
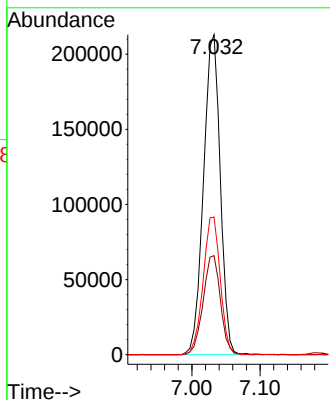
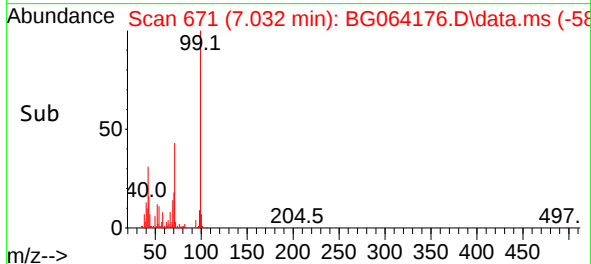
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Tgt Ion: 99 Resp: 363878
Ion Ratio Lower Upper
99 100
42 30.9 22.7 34.1
71 43.0 30.6 46.0

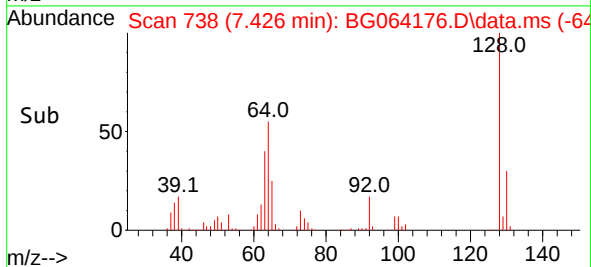
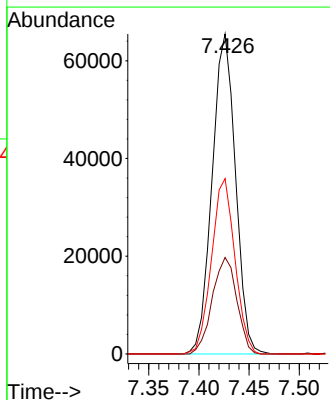
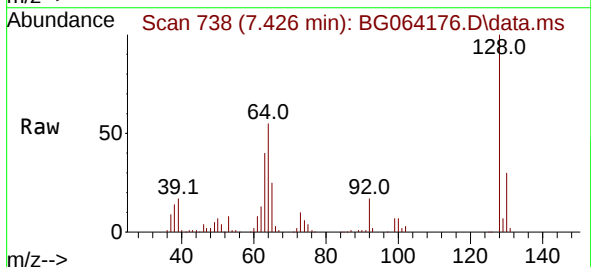
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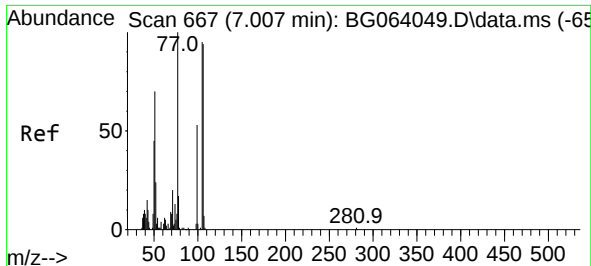
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#8
2-Chlorophenol
Concen: 54.465 ng
RT: 7.426 min Scan# 738
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Tgt Ion:128 Resp: 106030
Ion Ratio Lower Upper
128 100
130 30.1 12.3 52.3
64 54.8 37.0 77.0





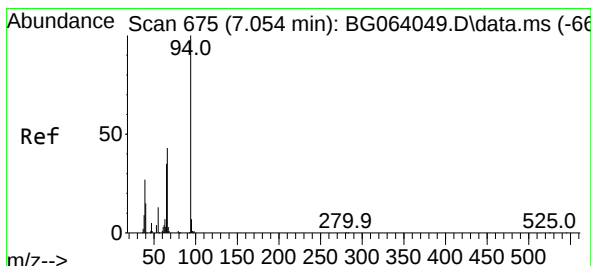
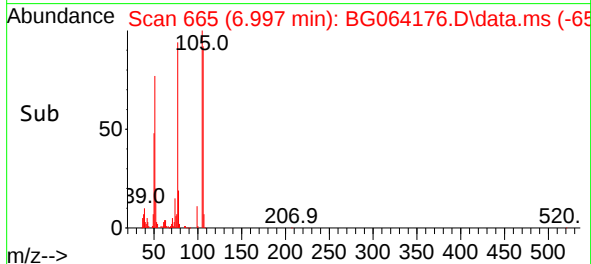
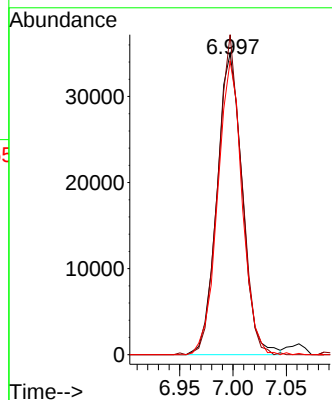
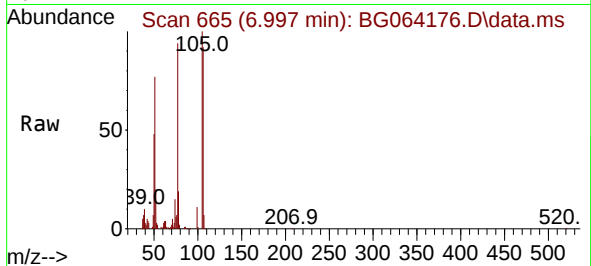
#9
Benzaldehyde
Concen: 40.303 ng
RT: 6.997 min Scan# 665
Delta R.T. -0.010 min
Lab File: BG064176.D
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Tgt Ion: 77 Resp: 57799
Ion Ratio Lower Upper
77 100
105 106.2 75.5 115.5
106 97.5 74.2 114.2

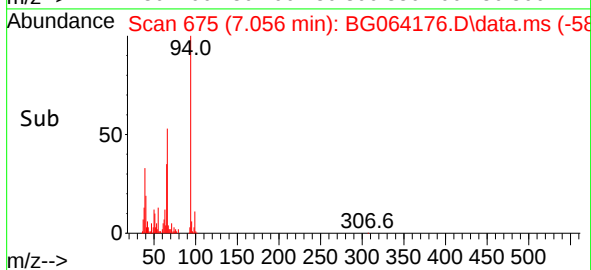
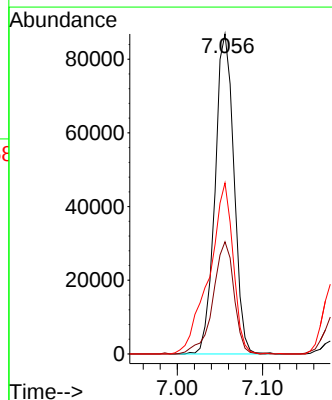
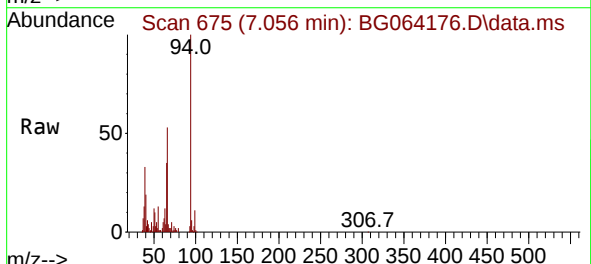
Manual Integrations
APPROVED

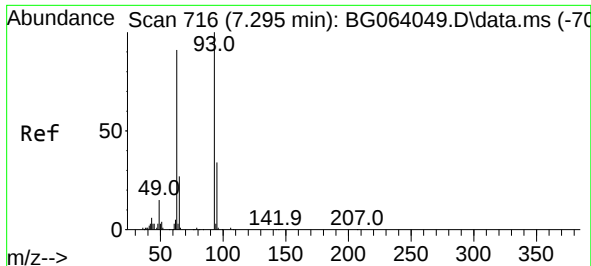
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#10
Phenol
Concen: 52.894 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

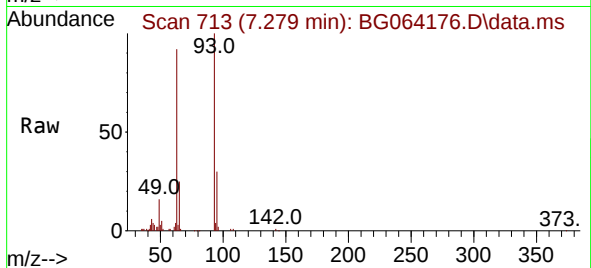
Tgt Ion: 94 Resp: 133538
Ion Ratio Lower Upper
94 100
65 35.1 15.2 55.2
66 53.4 25.1 65.1





#11
bis(2-Chloroethyl)ether
Concen: 44.791 ng
RT: 7.279 min Scan# 716
Delta R.T. -0.016 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

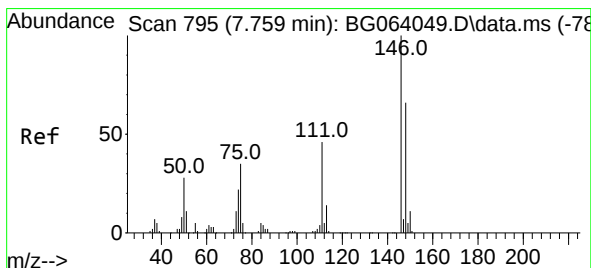
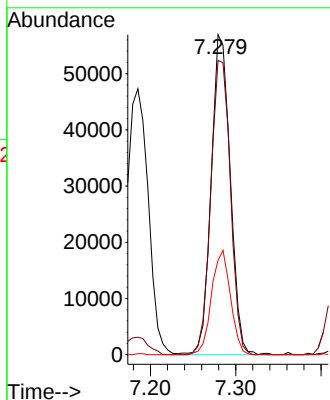
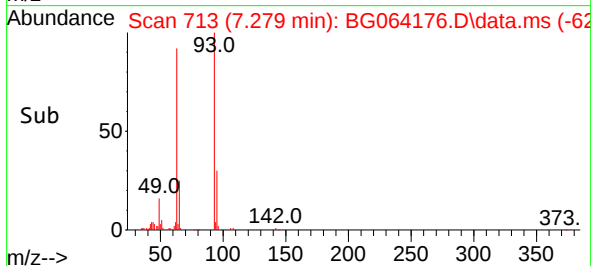
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion: 93 Resp: 88654
Ion Ratio Lower Upper
93 100
63 92.0 70.0 110.0
95 29.5 13.7 53.7

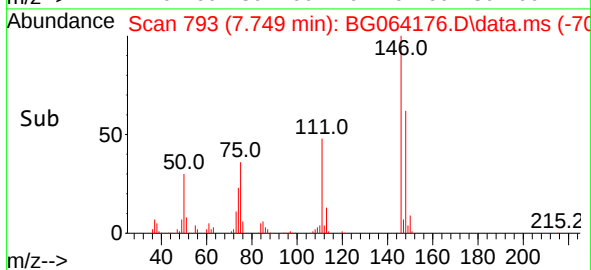
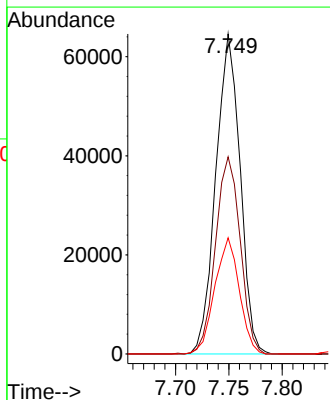
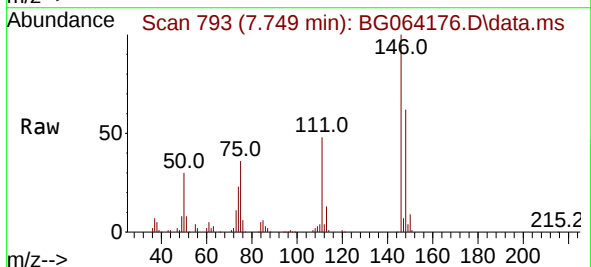
Manual Integrations
APPROVED

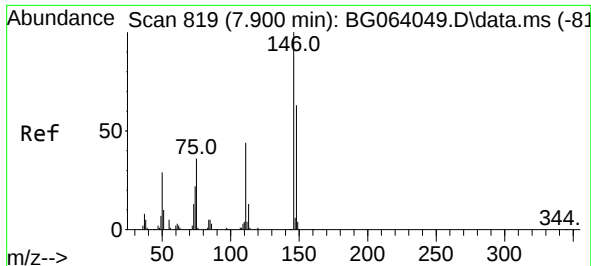
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#12
1,3-Dichlorobenzene
Concen: 47.850 ng
RT: 7.749 min Scan# 793
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

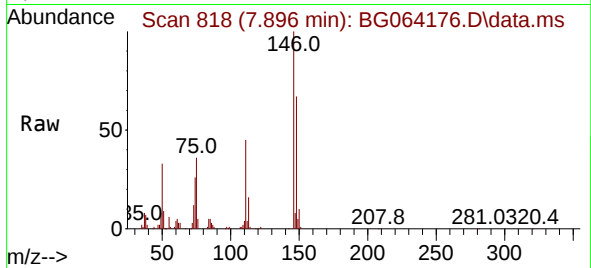
Tgt Ion:146 Resp: 102295
Ion Ratio Lower Upper
146 100
148 61.6 52.6 78.8
75 36.3 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 48.458 ng
RT: 7.896 min Scan# 819
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

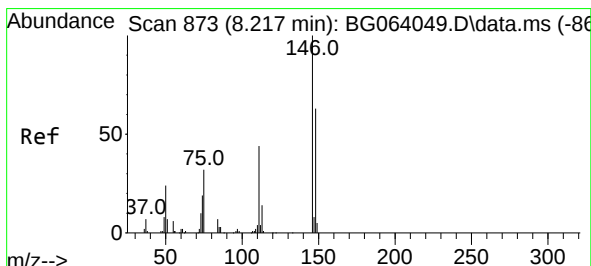
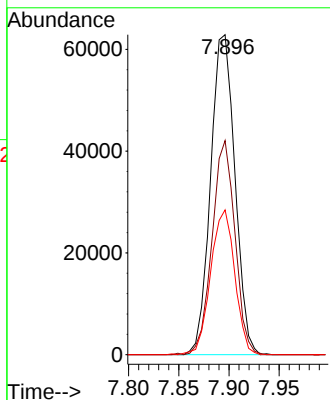
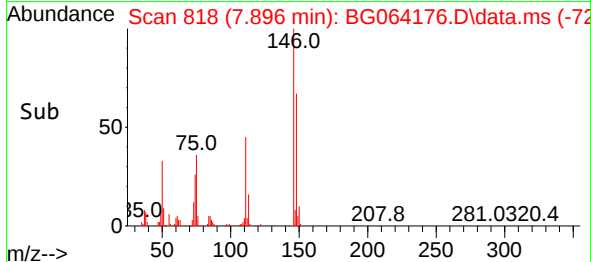
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



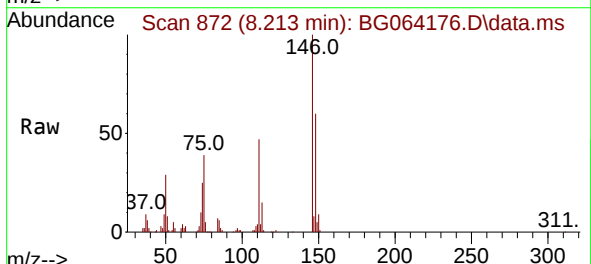
Tgt Ion:146 Resp: 106184
Ion Ratio Lower Upper
146 100
148 66.9 50.6 75.8
111 45.3 35.1 52.7

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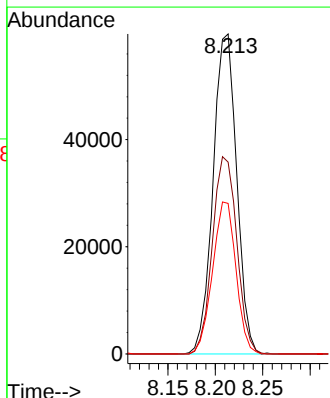
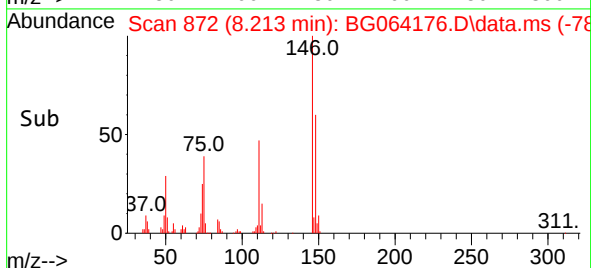
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

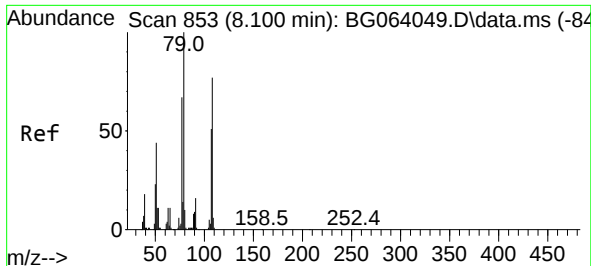


#14
1,2-Dichlorobenzene
Concen: 48.980 ng
RT: 8.213 min Scan# 872
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



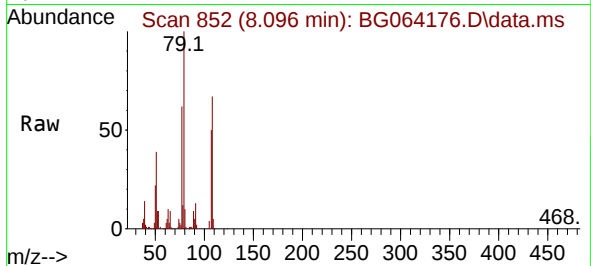
Tgt Ion:146 Resp: 103492
Ion Ratio Lower Upper
146 100
148 59.9 50.2 75.2
111 47.1 36.4 54.6





#15
Benzyl Alcohol
Concen: 56.870 ng
RT: 8.096 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

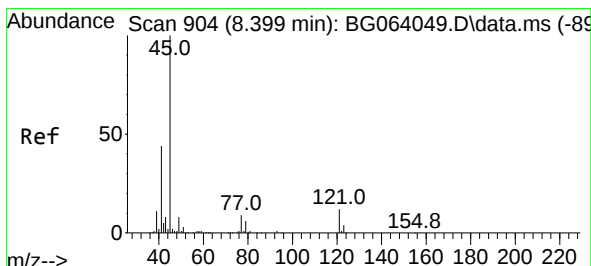
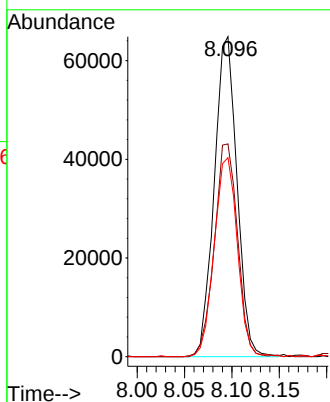
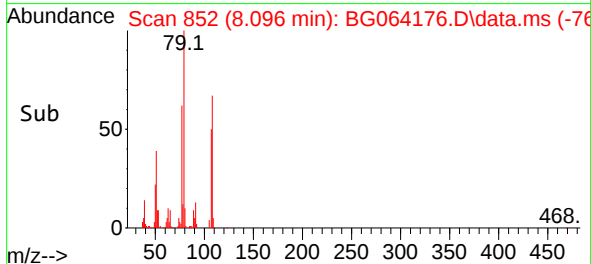
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



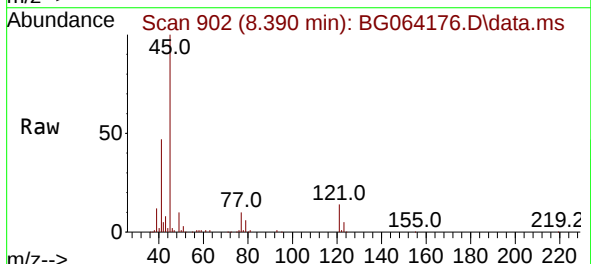
Tgt Ion: 79 Resp: 10836
Ion Ratio Lower Upper
79 100
108 66.5 61.7 92.5
77 62.2 53.9 80.9

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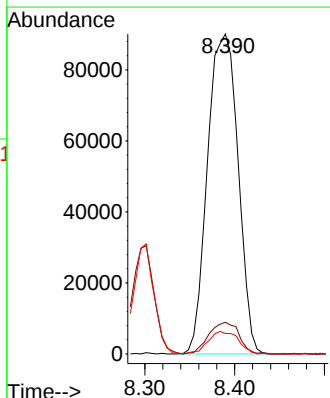
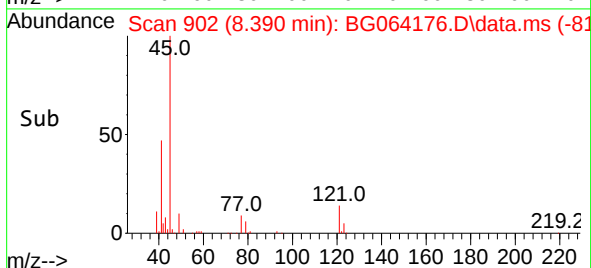
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.830 ng
RT: 8.390 min Scan# 902
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



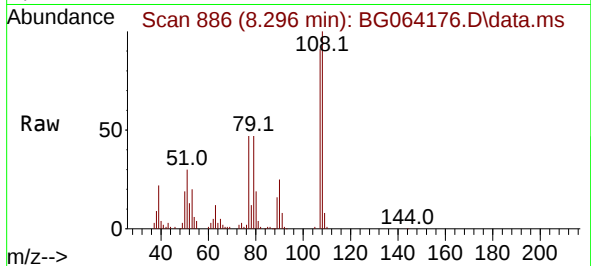
Tgt Ion: 45 Resp: 212871
Ion Ratio Lower Upper
45 100
77 9.9 0.0 29.0
79 6.4 0.0 26.6





#17
2-Methylphenol
Concen: 56.856 ng
RT: 8.296 min Scan# 887
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

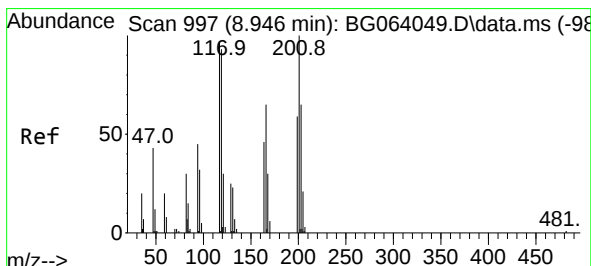
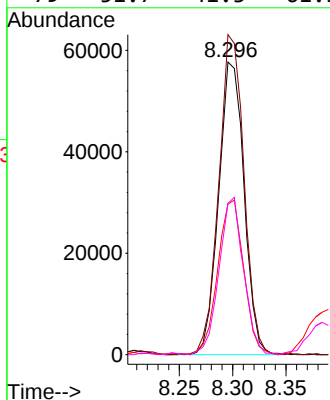
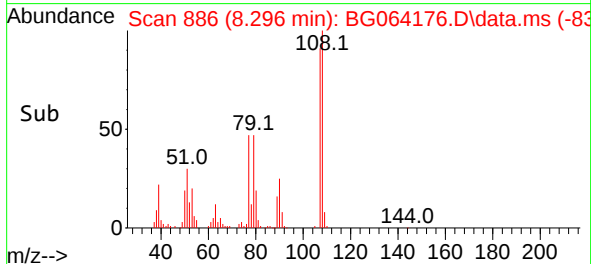
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion:	107	Resp:	9526
Ion	Ratio	Lower	Upper
107	100		
108	109.4	92.5	138.7
77	51.5	40.5	60.7
79	51.7	41.3	61.9

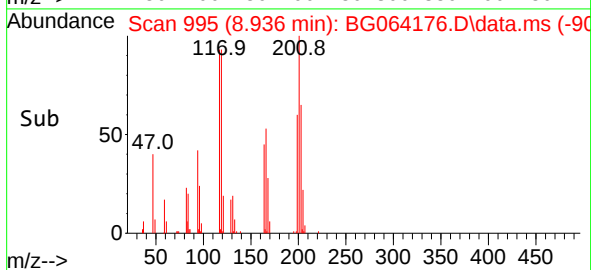
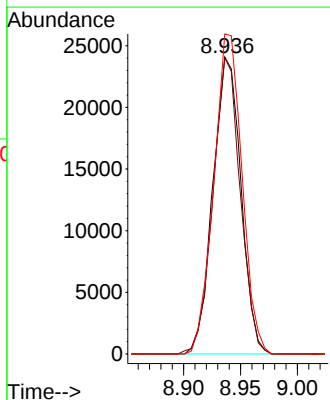
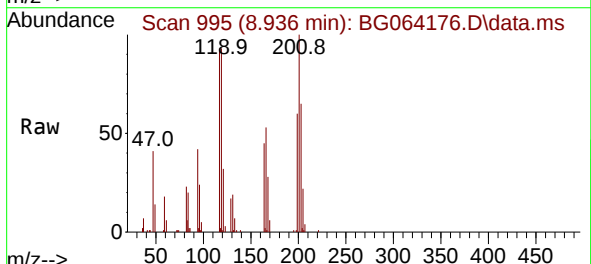
Manual Integrations
APPROVED

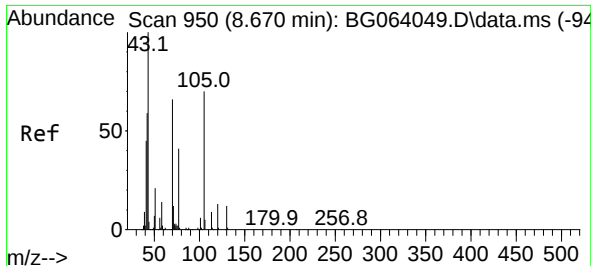
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#18
Hexachloroethane
Concen: 53.731 ng
RT: 8.936 min Scan# 995
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

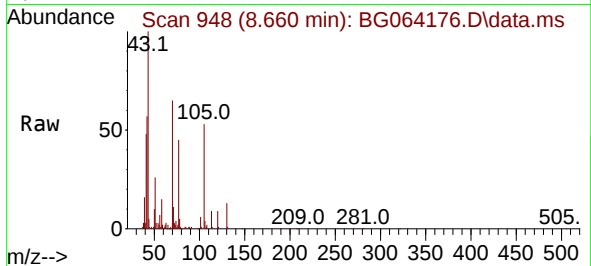
Tgt Ion:	117	Resp:	41193
Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.2	114.2
201	107.8	81.5	122.3





#19
n-Nitroso-di-n-propylamine
Concen: 50.122 ng
RT: 8.660 min Scan# 941
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

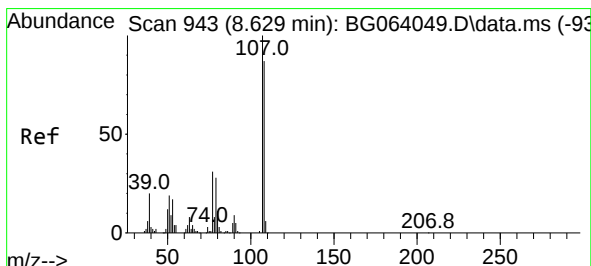
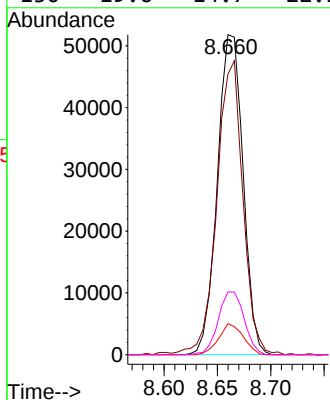
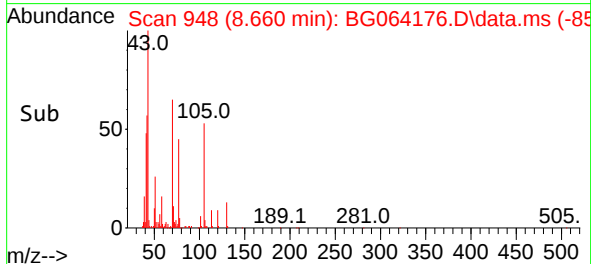
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



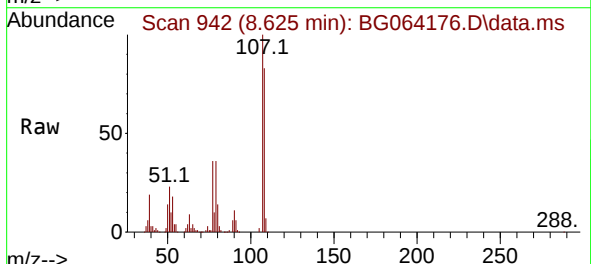
Tgt Ion: 70 Resp: 86738
Ion Ratio Lower Upper
70 100
42 87.7 72.1 108.1
101 9.7 7.2 10.8
130 19.6 14.7 22.1

Manual Integrations
APPROVED

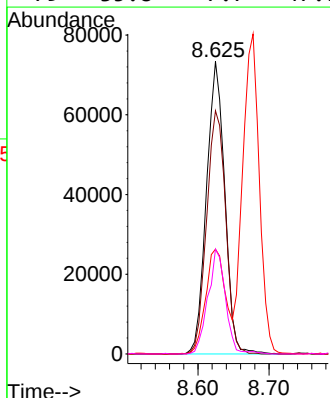
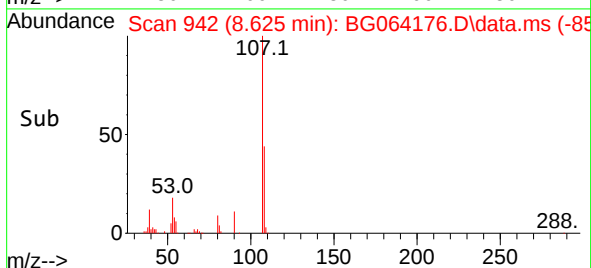
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

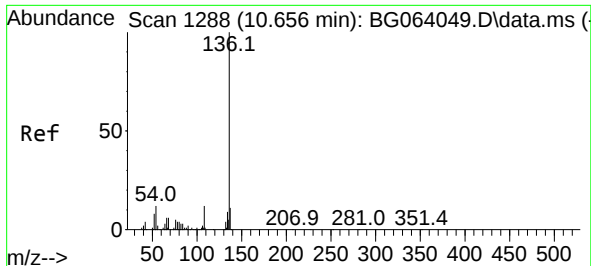


#20
3+4-Methylphenols
Concen: 56.786 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



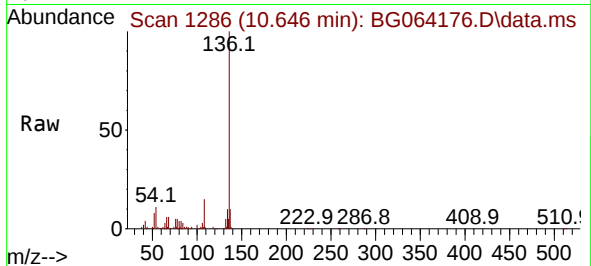
Tgt Ion:107 Resp: 130993
Ion Ratio Lower Upper
107 100
108 83.2 67.0 107.0
77 35.8 11.2 51.2
79 35.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

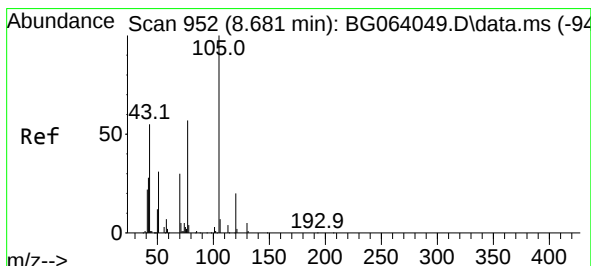
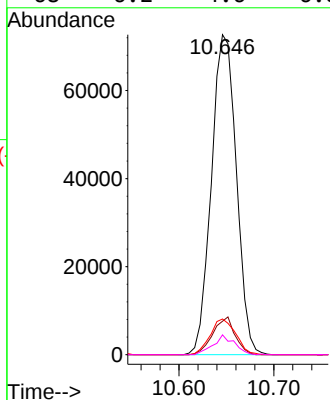
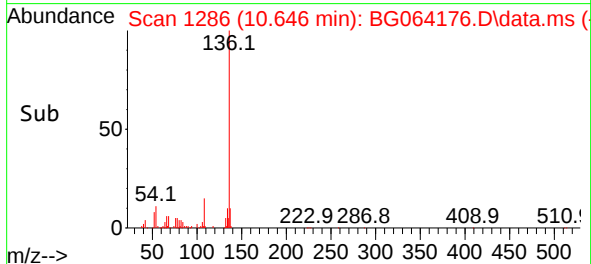
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion:	136	Resp:	133092
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	11.1	9.9	14.9
68	6.2	4.6	6.8

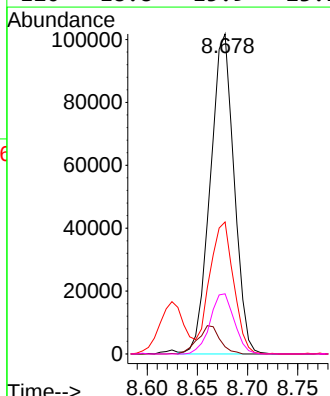
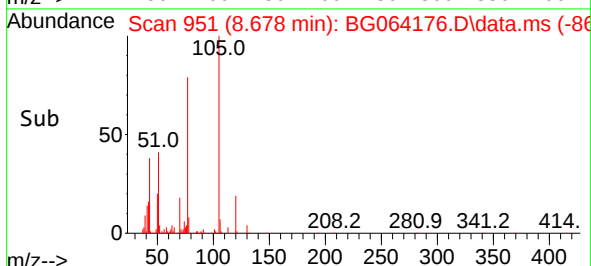
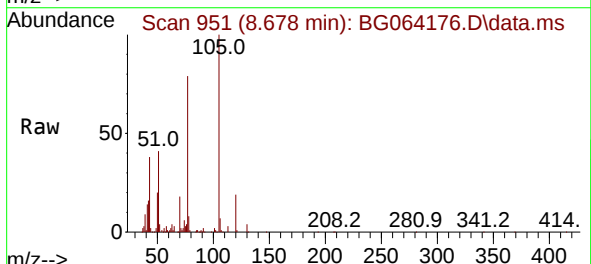
Manual Integrations
APPROVED

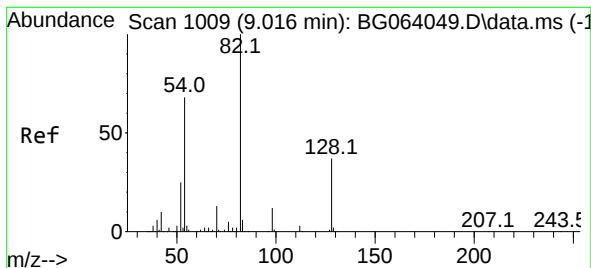
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#22
Acetophenone
Concen: 45.817 ng
RT: 8.678 min Scan# 951
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Tgt Ion:	105	Resp:	167191
Ion Ratio	Lower	Upper	
105	100		
71	2.2	4.2	6.4#
51	41.2	33.3	49.9
120	18.8	15.9	23.9





#23

Nitrobenzene-d5

Concen: 105.694 ng

RT: 9.012 min Scan# 1008

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

Tgt Ion: 82 Resp: 25455

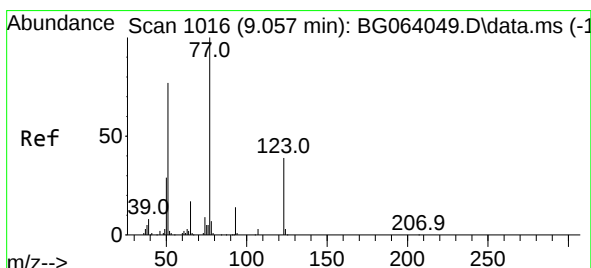
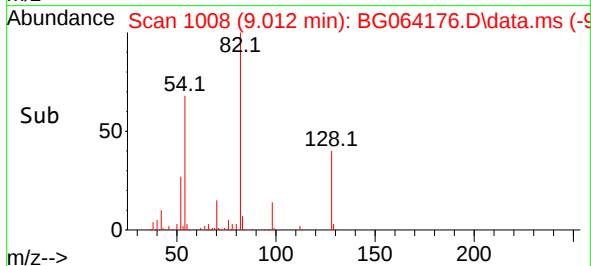
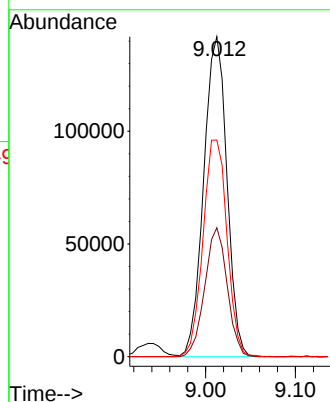
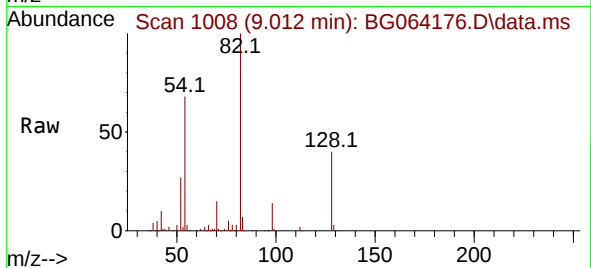
Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.0	45.0
54	67.7	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#24

Nitrobenzene

Concen: 52.565 ng

RT: 9.054 min Scan# 1015

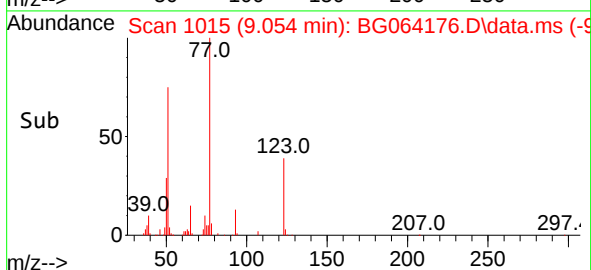
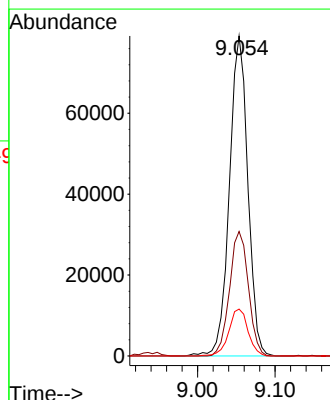
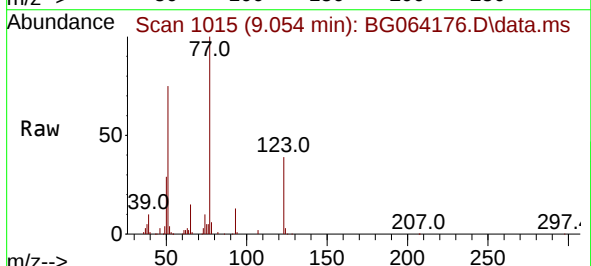
Delta R.T. -0.004 min

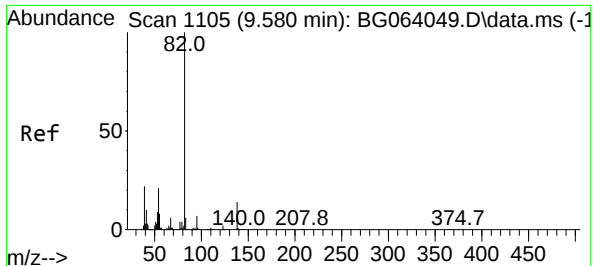
Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Tgt Ion: 77 Resp: 130832

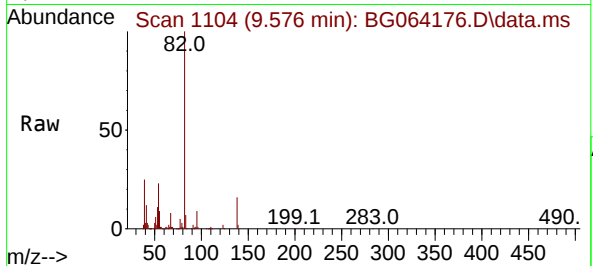
Ion	Ratio	Lower	Upper
77	100		
123	38.9	31.4	47.2
65	14.7	13.4	20.0





#25
Isophorone
Concen: 49.530 ng
RT: 9.576 min Scan# 1104
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

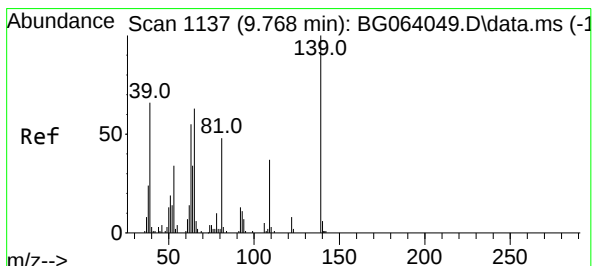
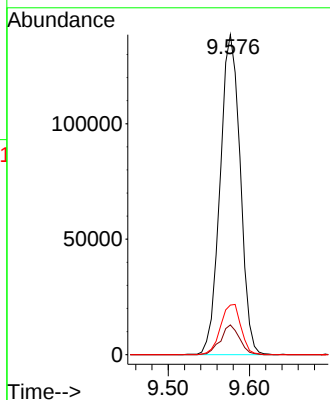
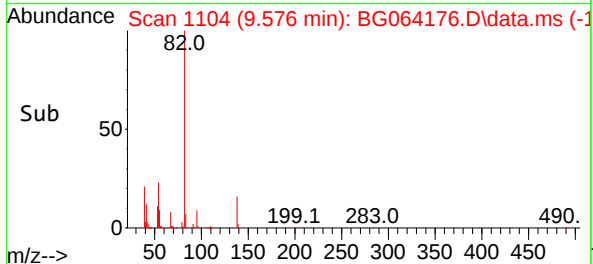
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion: 82 Resp: 238760
Ion Ratio Lower Upper
82 100
95 9.3 5.8 8.8
138 15.5 10.9 16.3

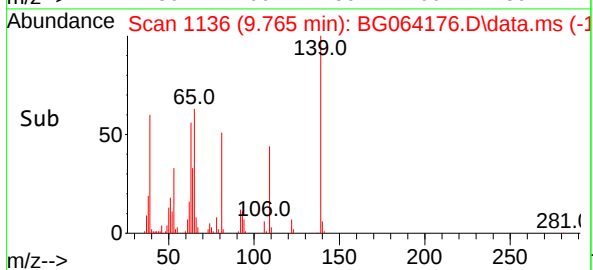
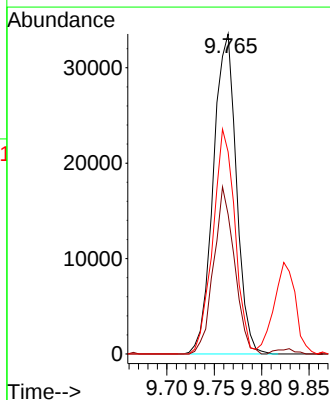
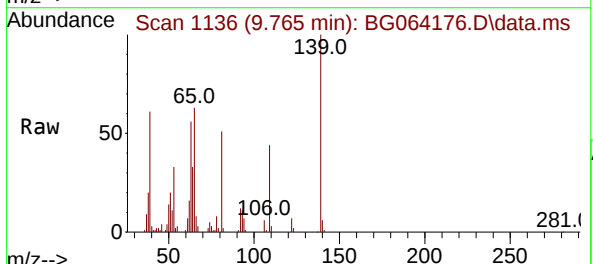
Manual Integrations
APPROVED

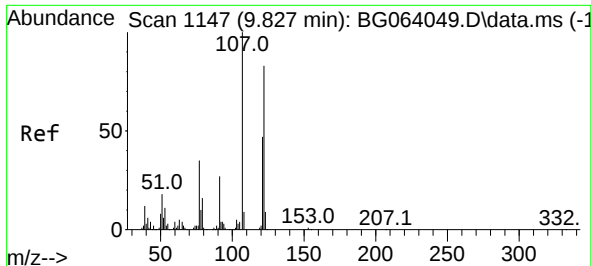
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#26
2-Nitrophenol
Concen: 61.899 ng
RT: 9.765 min Scan# 1136
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Tgt Ion:139 Resp: 56784
Ion Ratio Lower Upper
139 100
109 43.6 29.9 44.9
65 63.2 50.6 76.0





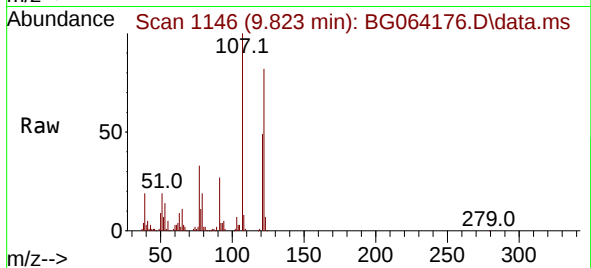
#27
2,4-Dimethylphenol
Concen: 76.574 ng
RT: 9.823 min Scan# 1147
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD



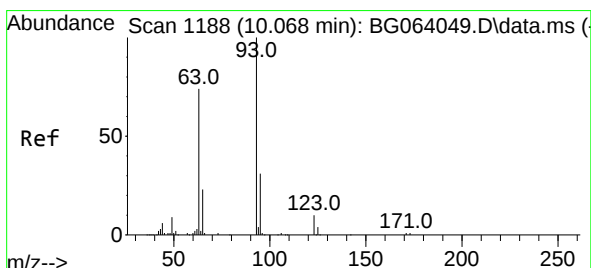
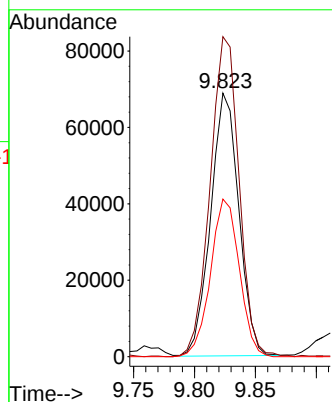
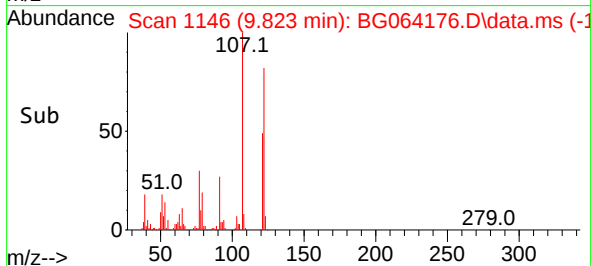
Tgt Ion:122 Resp: 11065
Ion Ratio Lower Upper
122 100
107 121.4 95.4 143.0
121 59.8 44.9 67.3

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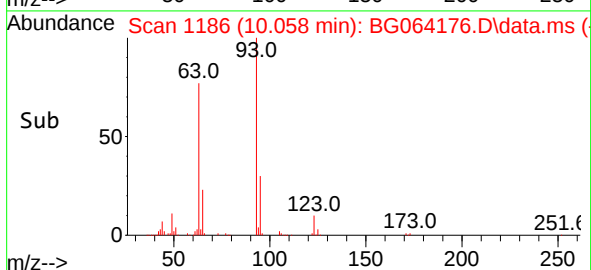
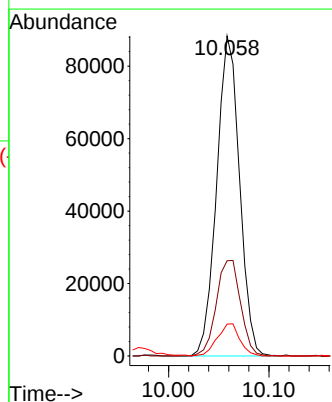
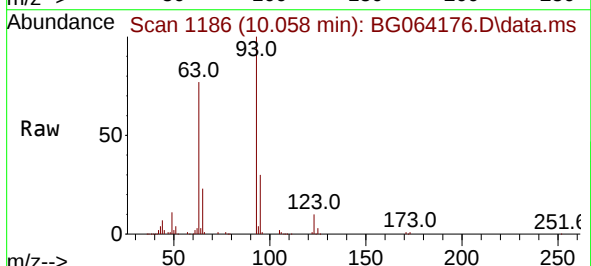
Reviewed By :Rahul Chavli 04/04/2025

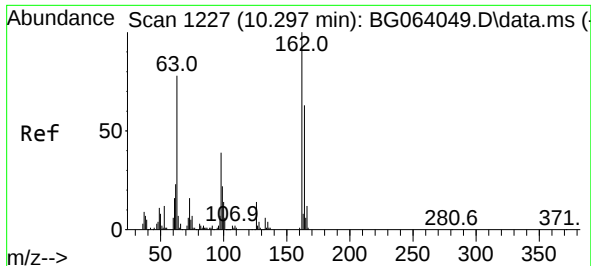
Supervised By :Jagrut Upadhyay 04/04/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.697 ng
RT: 10.058 min Scan# 1186
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

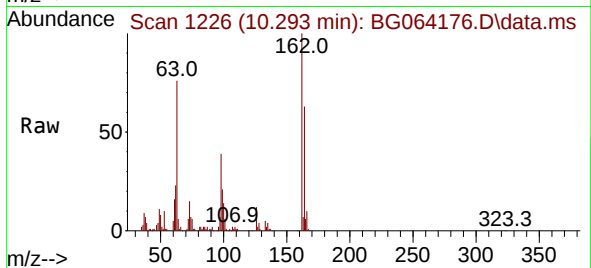
Tgt Ion: 93 Resp: 139396
Ion Ratio Lower Upper
93 100
95 29.7 25.0 37.4
123 9.9 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 58.183 ng
RT: 10.293 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

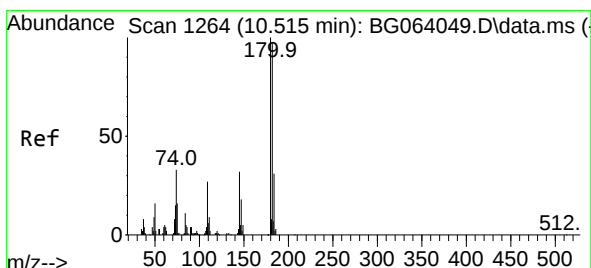
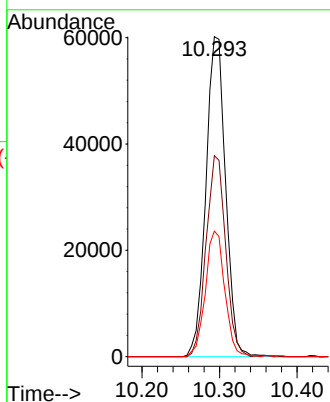
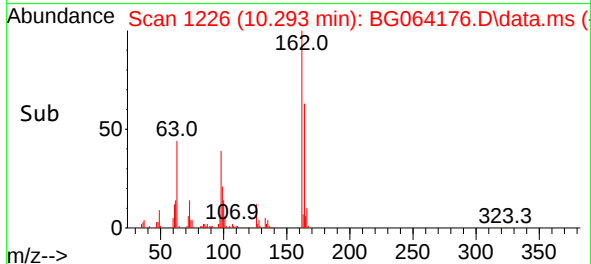
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



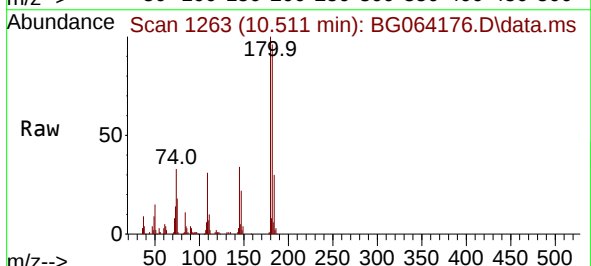
Tgt Ion:162 Resp: 106169
Ion Ratio Lower Upper
162 100
164 62.8 42.8 82.8
98 39.2 19.1 59.1

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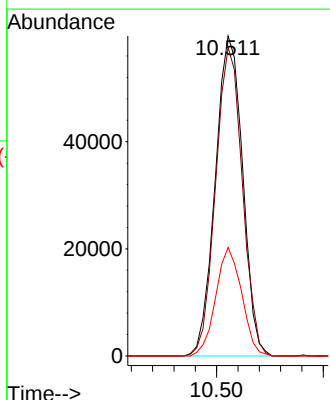
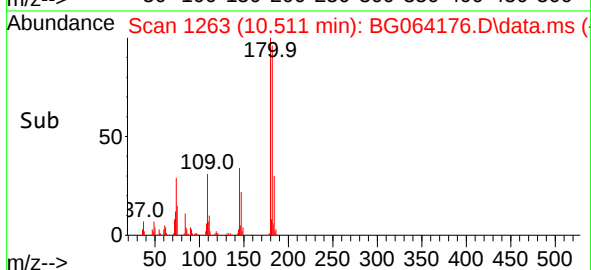
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

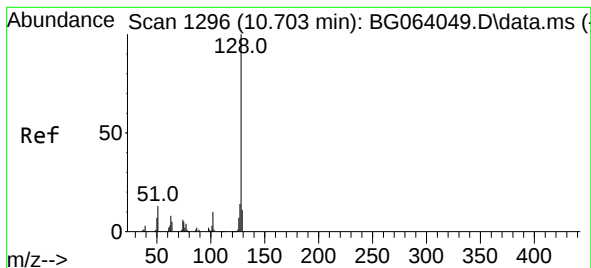


#30
1,2,4-Trichlorobenzene
Concen: 48.218 ng
RT: 10.511 min Scan# 1263
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



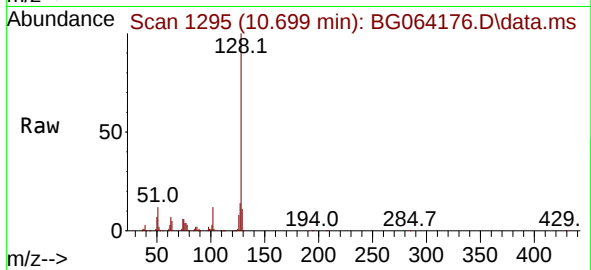
Tgt Ion:180 Resp: 106216
Ion Ratio Lower Upper
180 100
182 96.5 77.3 115.9
145 33.9 25.2 37.8





#31
Naphthalene
Concen: 47.063 ng
RT: 10.699 min Scan# 1295
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

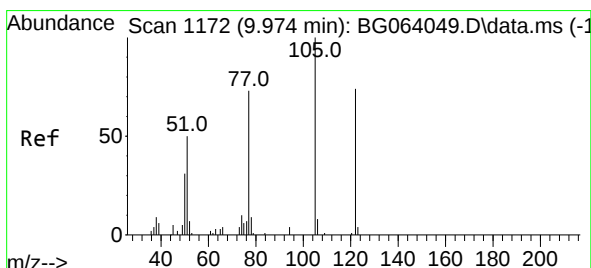
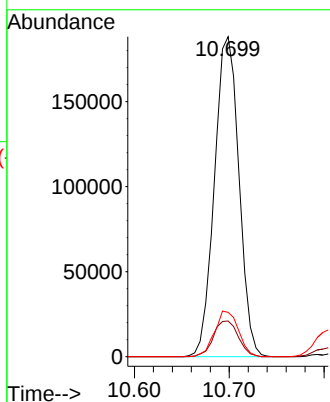
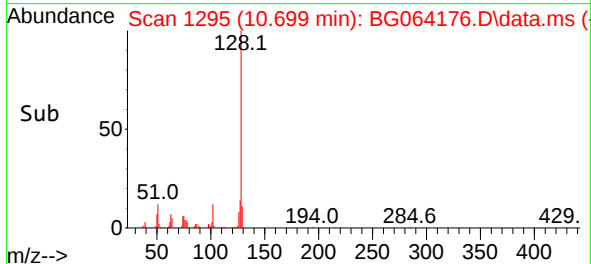
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion:128 Resp: 337750
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.8 11.1 16.7

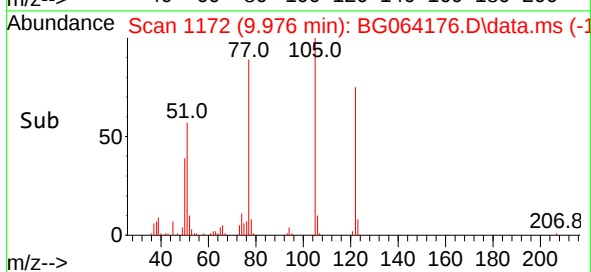
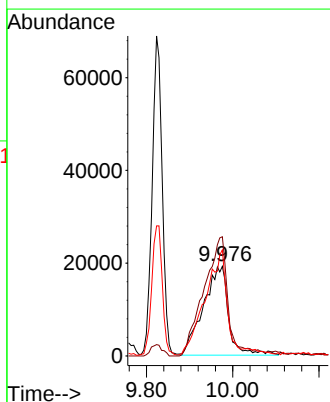
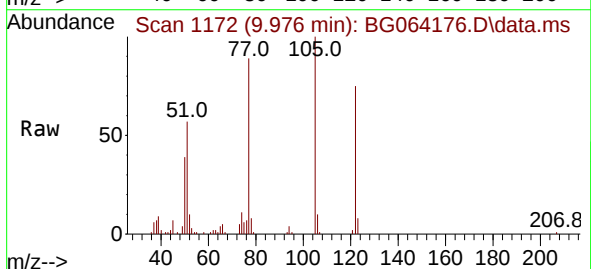
Manual Integrations
APPROVED

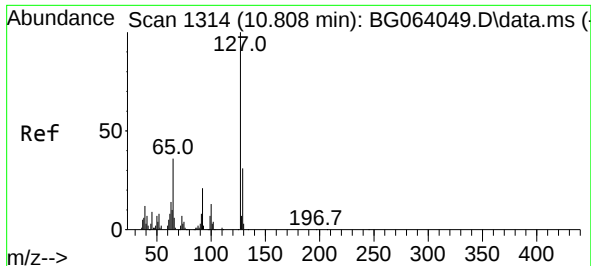
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#32
Benzoic acid
Concen: 56.926 ng m
RT: 9.976 min Scan# 1172
Delta R.T. 0.002 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

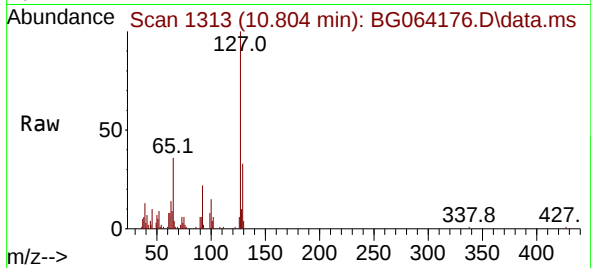
Tgt Ion:122 Resp: 78160
Ion Ratio Lower Upper
122 100
105 132.9 115.0 155.0
77 118.3 80.9 120.9





#33
4-Chloroaniline
Concen: 11.418 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

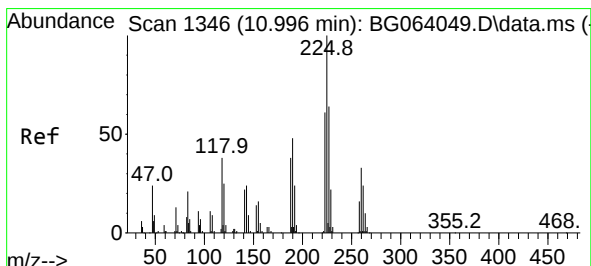
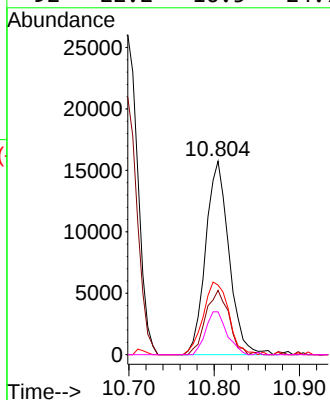
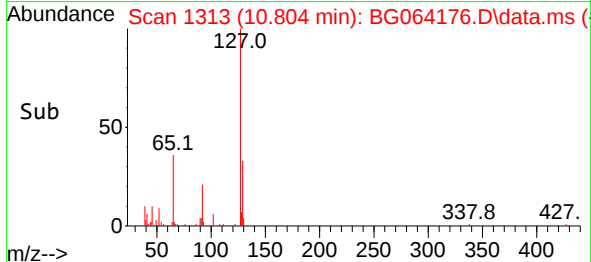
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion:	127	Resp:	29950
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.0	37.4
65	36.0	28.5	42.7
92	22.2	16.5	24.7

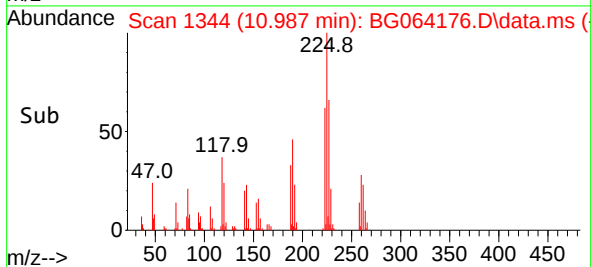
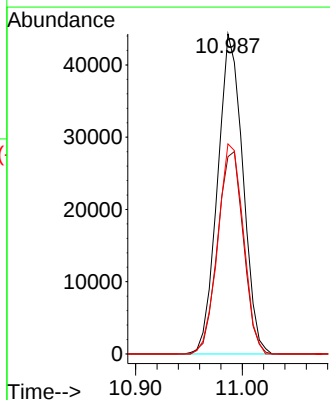
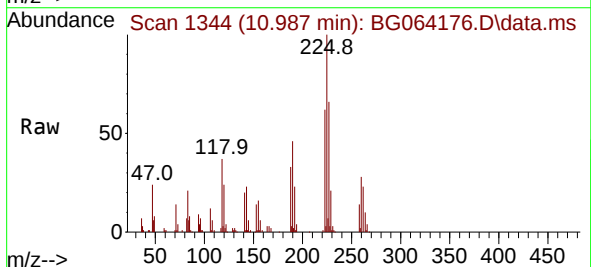
Manual Integrations
APPROVED

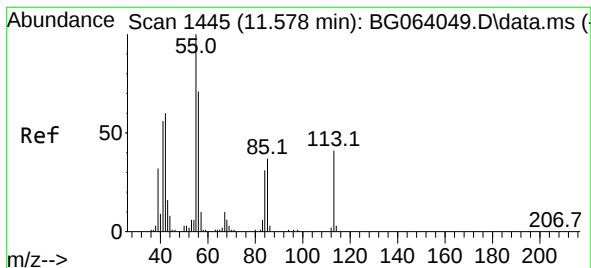
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#34
Hexachlorobutadiene
Concen: 50.477 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

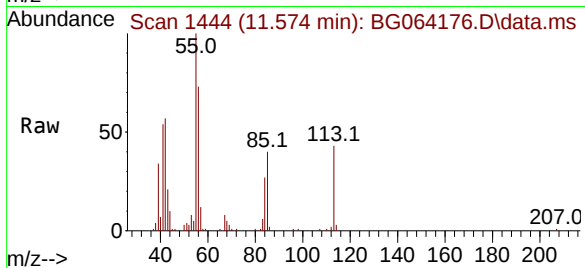
Tgt Ion:	225	Resp:	72881
Ion	Ratio	Lower	Upper
225	100		
223	64.5	48.5	72.7
227	65.6	51.0	76.6





#35
 Caprolactam
 Concen: 58.099 ng m
 RT: 11.574 min Scan# 1444
 Delta R.T. -0.004 min
 Lab File: BG064176.D
 Acq: 3 Apr 2025 21:19

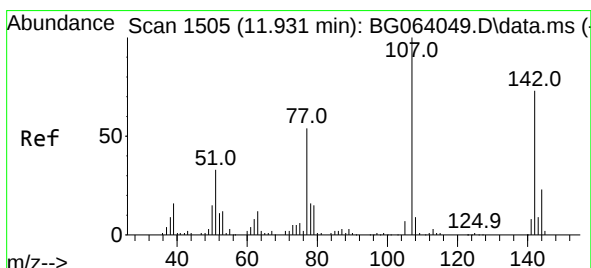
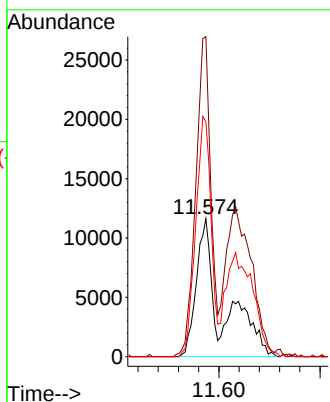
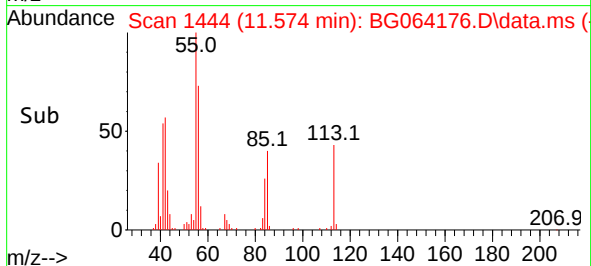
Instrument :
 BNA_G
 ClientSampleId :
 PB167451BSD



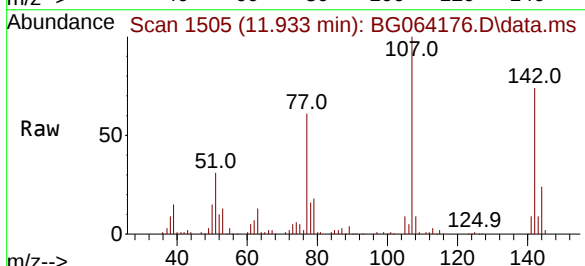
Tgt Ion:113 Resp: 4062
 Ion Ratio Lower Upper
 113 100
 55 232.0 225.2 265.2
 56 170.2 153.4 193.4

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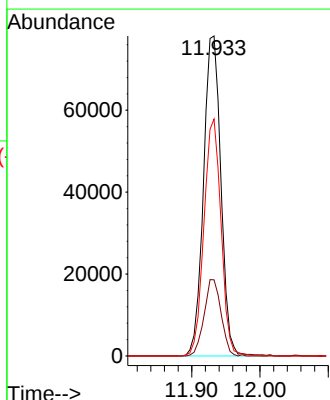
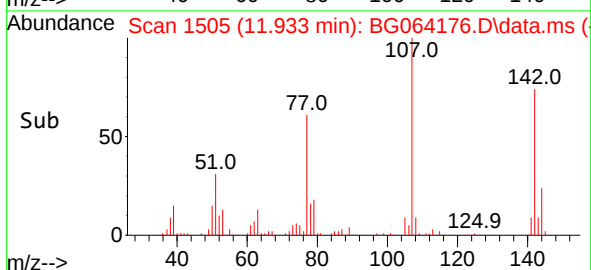
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

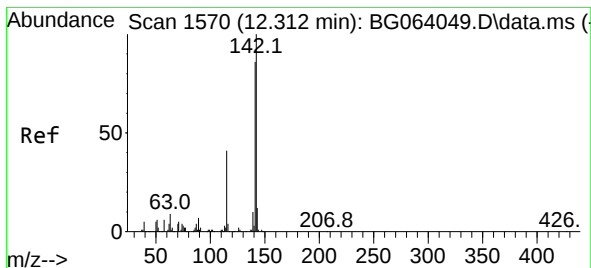


#36
 4-Chloro-3-methylphenol
 Concen: 57.973 ng
 RT: 11.933 min Scan# 1505
 Delta R.T. 0.002 min
 Lab File: BG064176.D
 Acq: 3 Apr 2025 21:19



Tgt Ion:107 Resp: 138667
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.6 28.0
 142 74.0 58.0 87.0





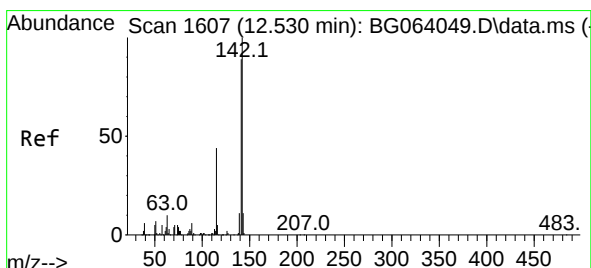
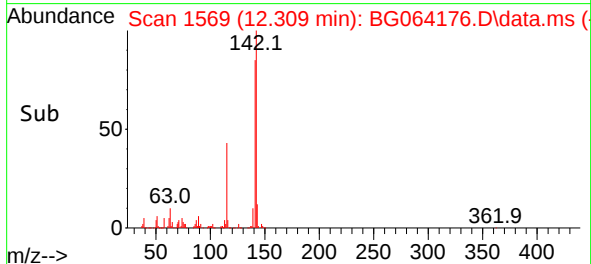
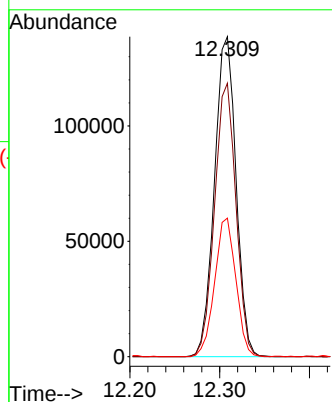
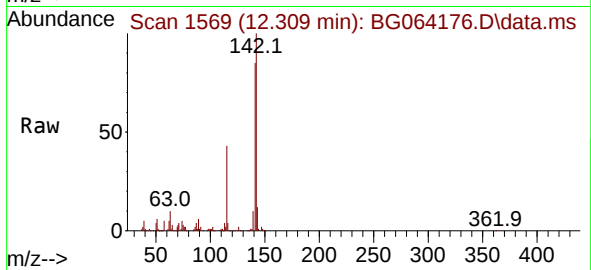
#37
2-Methylnaphthalene
Concen: 45.707 ng
RT: 12.309 min Scan# 1569
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Instrument :
BNA_G
ClientSampleId :
PB167451BSD

Tgt Ion:142 Resp: 23157
Ion Ratio Lower Upper
142 100
141 85.4 68.6 103.0
115 43.3 32.8 49.2

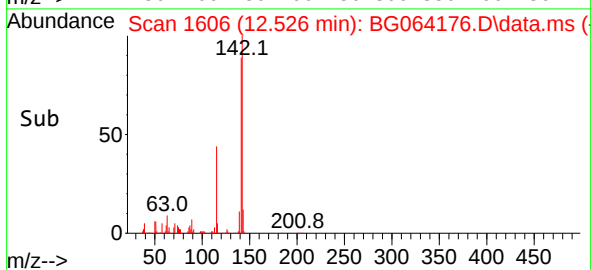
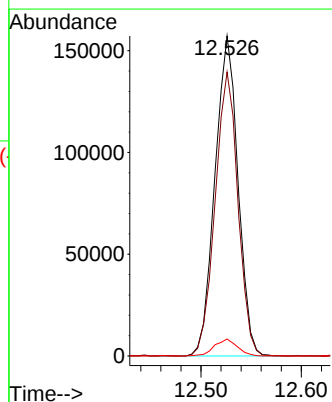
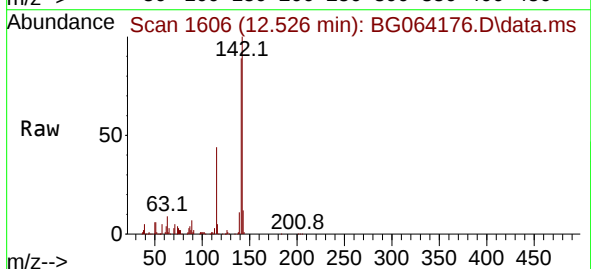
Manual Integrations
APPROVED

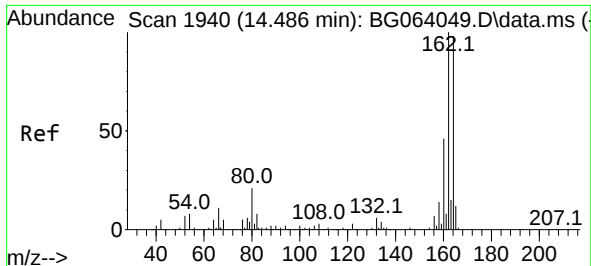
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#38
1-Methylnaphthalene
Concen: 50.490 ng
RT: 12.526 min Scan# 1606
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

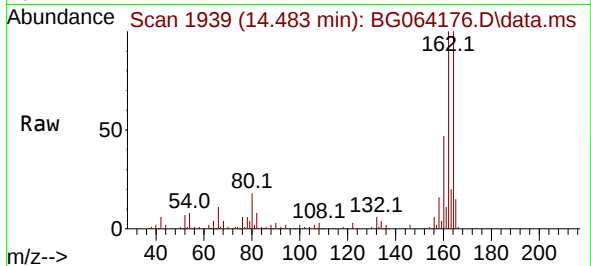
Tgt Ion:142 Resp: 250615
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
116 5.3 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

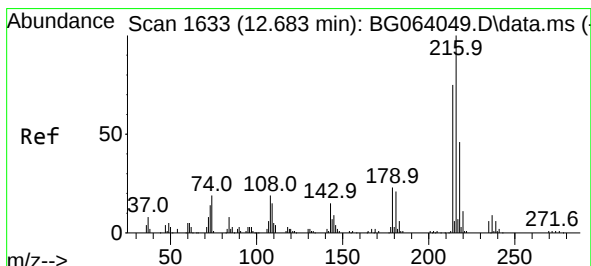
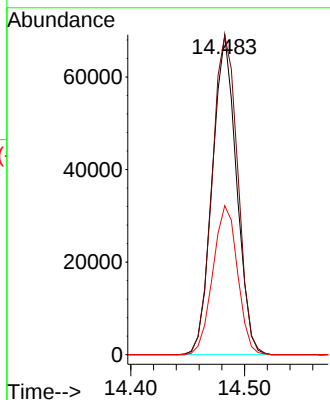
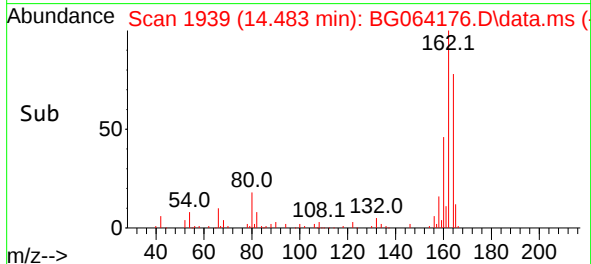
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion:164 Resp: 102019
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 46.5 37.0 55.6

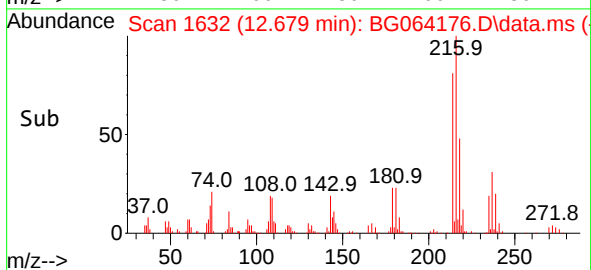
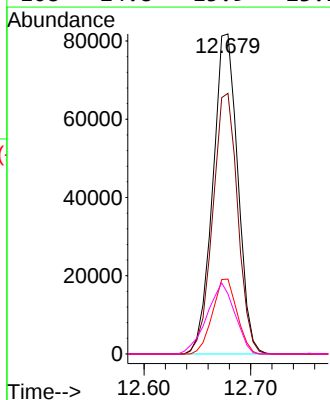
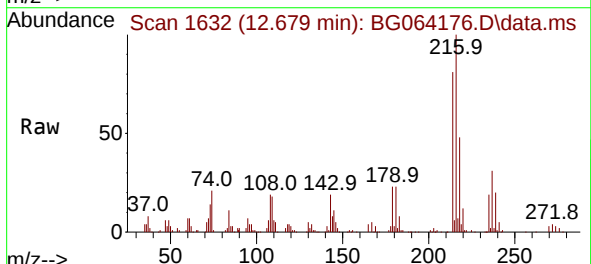
Manual Integrations
APPROVED

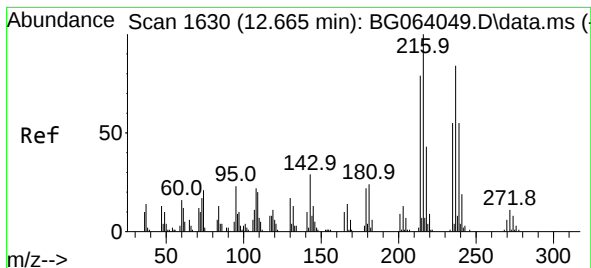
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.643 ng
RT: 12.679 min Scan# 1632
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

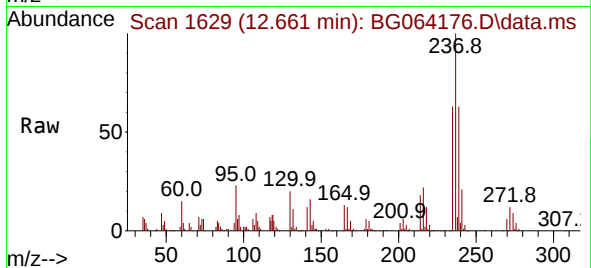
Tgt Ion:216 Resp: 132937
Ion Ratio Lower Upper
216 100
214 81.3 61.7 92.5
179 23.0 17.9 26.9
108 24.8 15.9 23.9#





#41
Hexachlorocyclopentadiene
Concen: 252.595 ng
RT: 12.661 min Scan# 1629
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

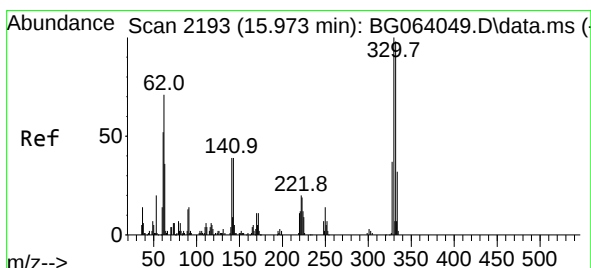
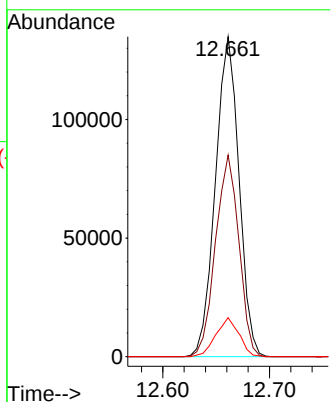
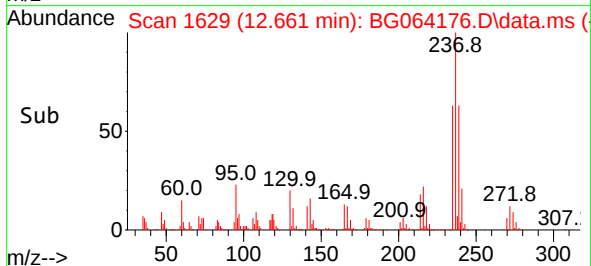
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



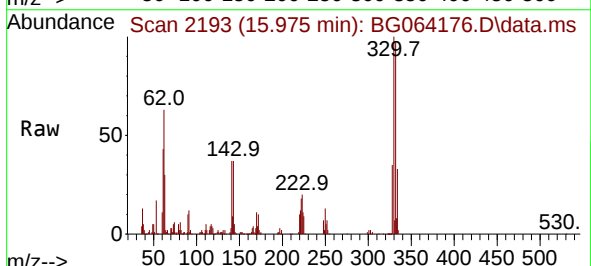
Tgt Ion:237 Resp: 207064
Ion Ratio Lower Upper
237 100
235 63.0 46.0 86.0
272 12.2 0.0 32.8

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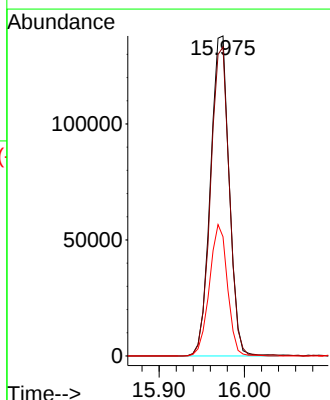
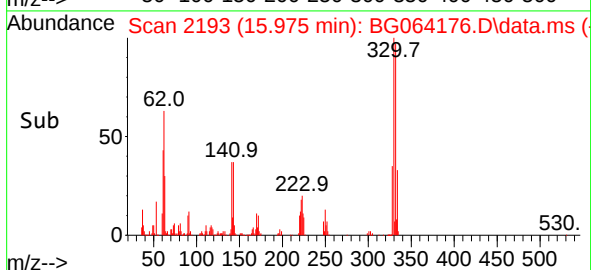
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

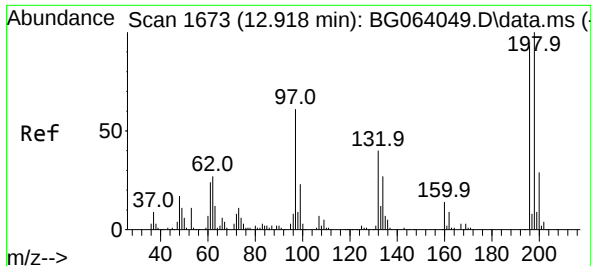


#42
2,4,6-Tribromophenol
Concen: 185.826 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



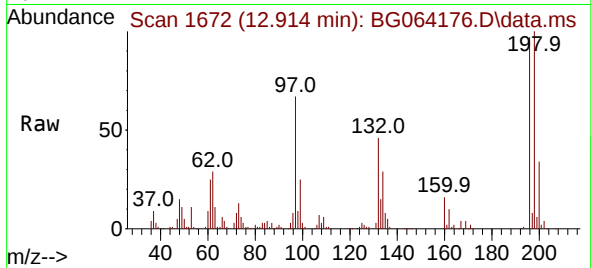
Tgt Ion:330 Resp: 210729
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 39.5 29.7 44.5





#43
2,4,6-Trichlorophenol
Concen: 56.949 ng
RT: 12.914 min Scan# 1672
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

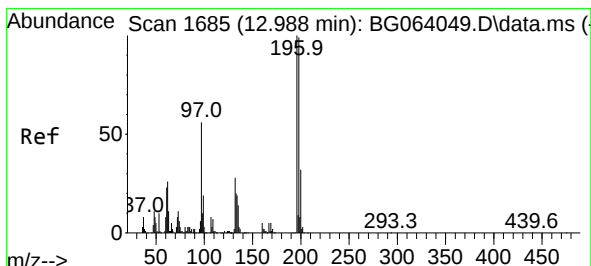
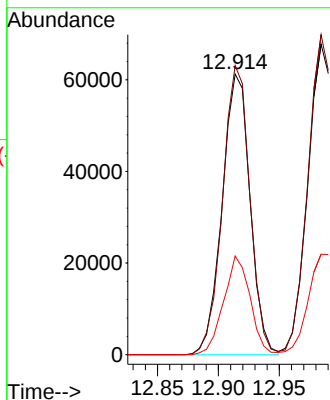
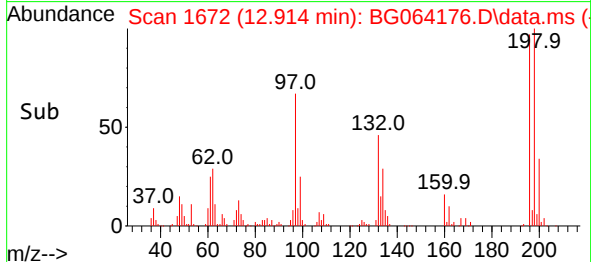
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



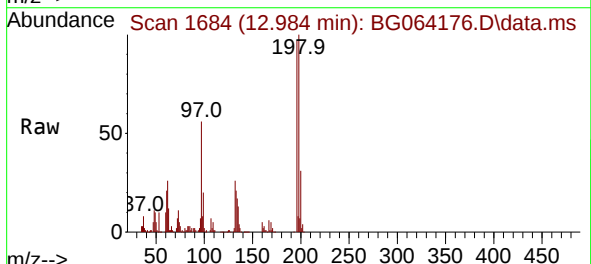
Tgt Ion:196 Resp: 97758
Ion Ratio Lower Upper
196 100
198 103.0 85.6 128.4
200 35.1 24.6 37.0

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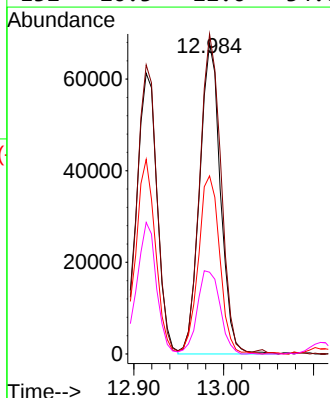
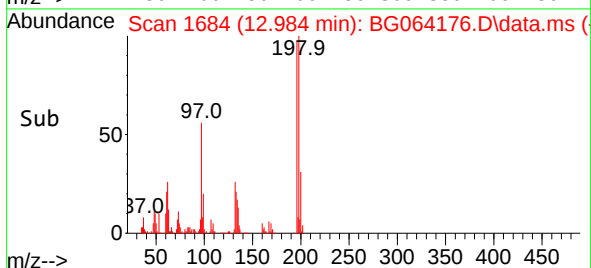
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

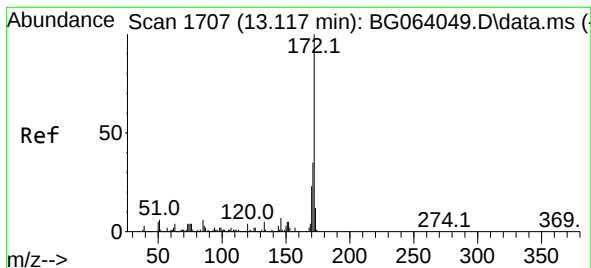


#44
2,4,5-Trichlorophenol
Concen: 57.257 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



Tgt Ion:196 Resp: 109209
Ion Ratio Lower Upper
196 100
198 103.0 79.5 119.3
97 57.3 45.2 67.8
132 26.3 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 92.563 ng

RT: 13.108 min Scan# 1705

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

Tgt Ion:172 Resp: 62213

Ion Ratio Lower Upper

172 100

171 36.6 28.0 42.0

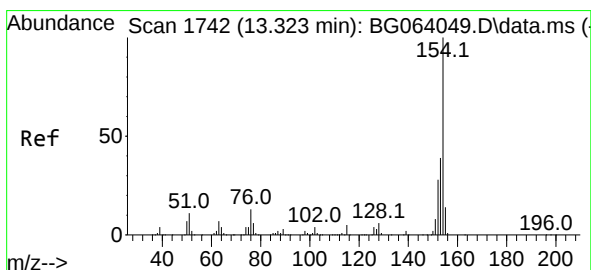
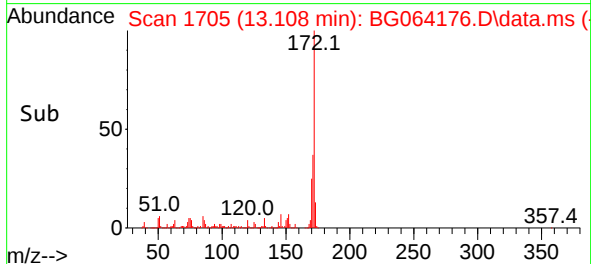
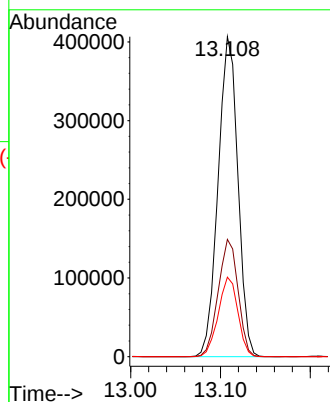
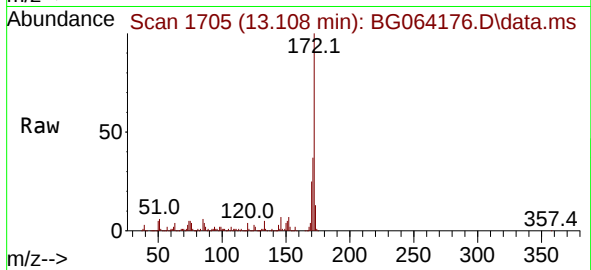
170 24.9 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#46

1,1'-Biphenyl

Concen: 47.540 ng

RT: 13.319 min Scan# 1741

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

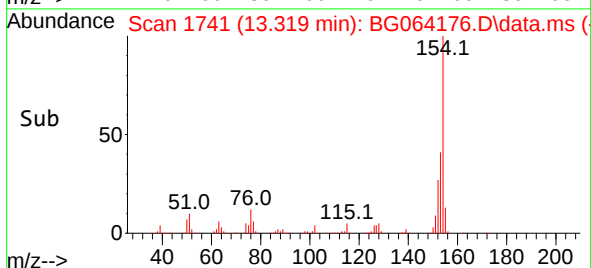
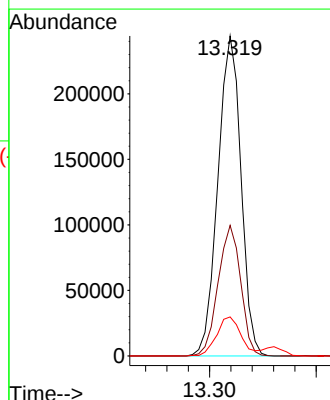
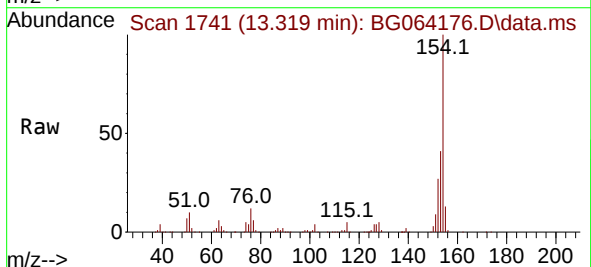
Tgt Ion:154 Resp: 366417

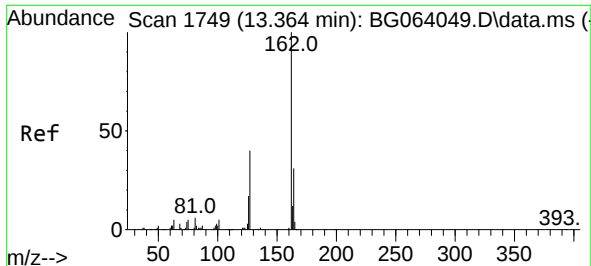
Ion Ratio Lower Upper

154 100

153 40.8 19.5 59.5

76 12.2 0.0 33.5





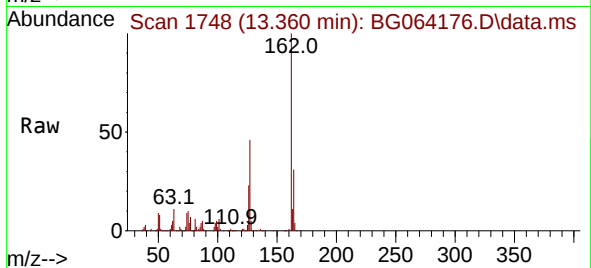
#47
2-Chloronaphthalene
Concen: 48.951 ng
RT: 13.360 min Scan# 1749
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD



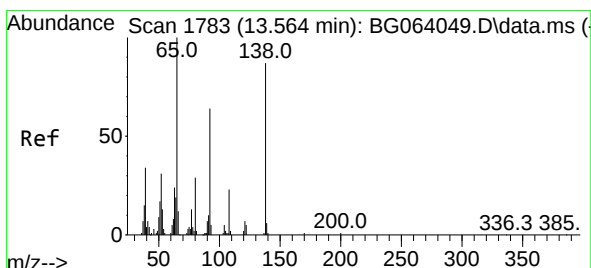
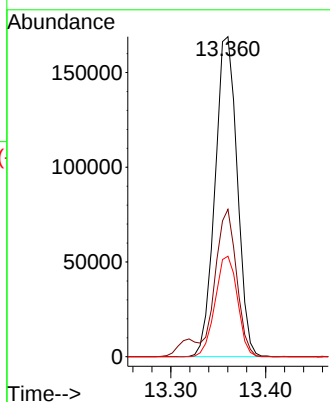
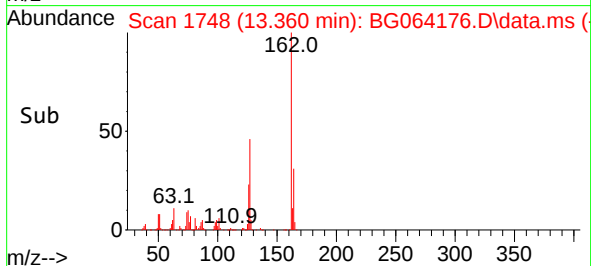
Tgt Ion:162 Resp: 275172
Ion Ratio Lower Upper
162 100
127 46.1 35.0 52.4
164 31.4 25.0 37.6

Manual Integrations

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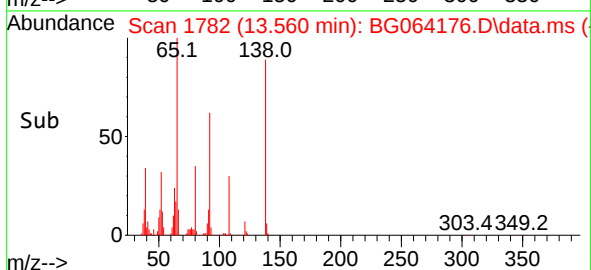
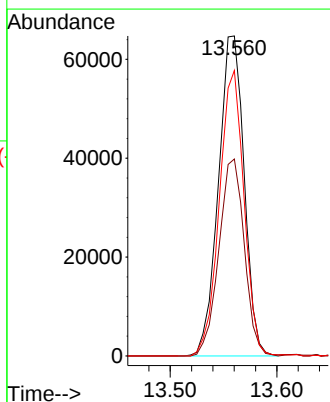
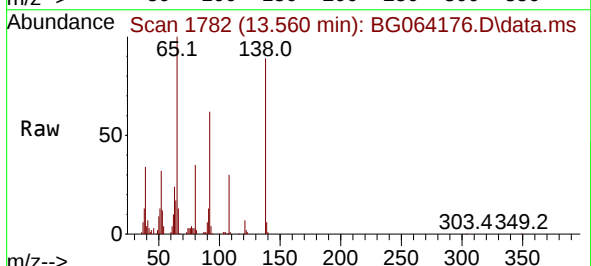
Reviewed By :Rahul Chavli 04/04/2025

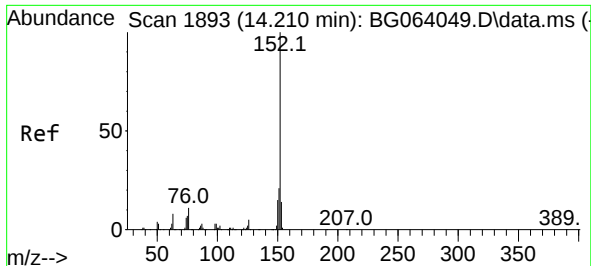
Supervised By :Jagrut Upadhyay 04/04/2025



#48
2-Nitroaniline
Concen: 56.226 ng
RT: 13.560 min Scan# 1782
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

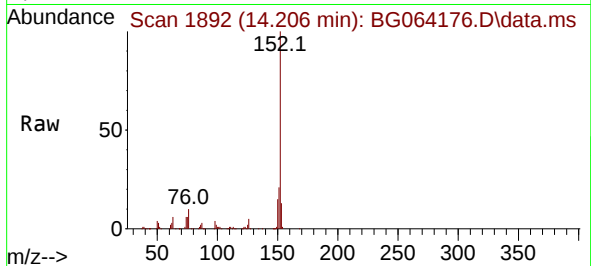
Tgt Ion: 65 Resp: 108592
Ion Ratio Lower Upper
65 100
92 61.6 51.2 76.8
138 89.2 69.4 104.2





#49
Acenaphthylene
Concen: 53.705 ng
RT: 14.206 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

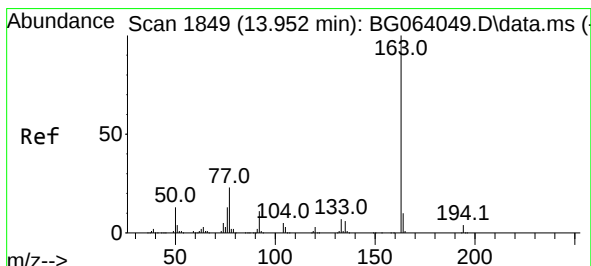
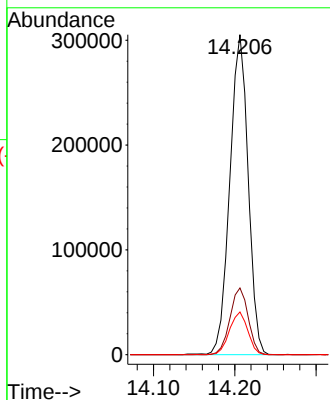
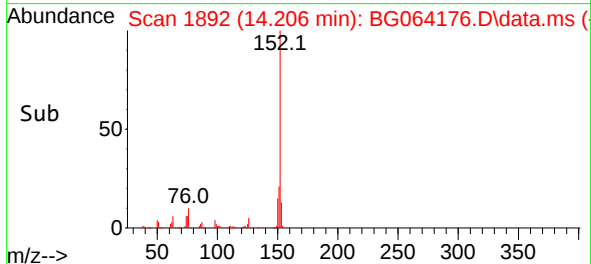
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



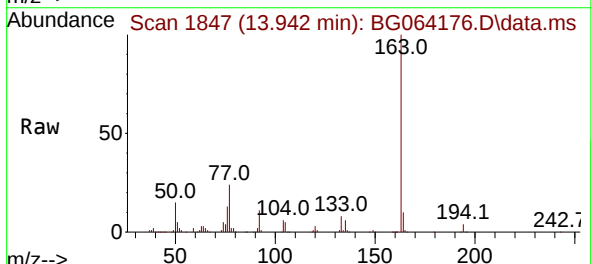
Tgt Ion:152 Resp: 477520
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.3 10.9 16.3

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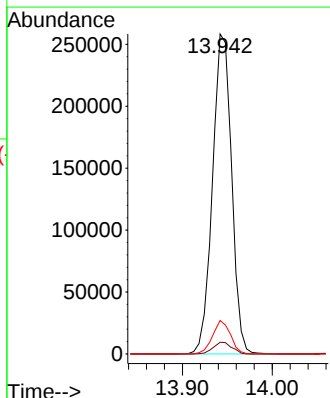
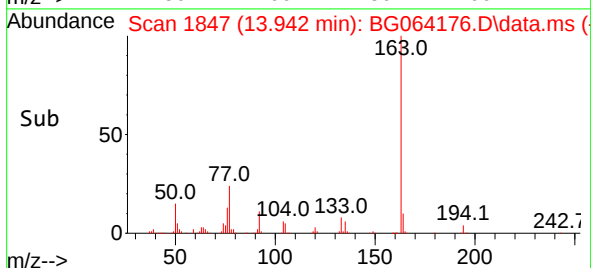
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

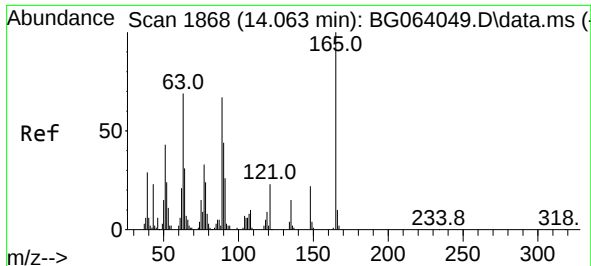


#50
Dimethylphthalate
Concen: 50.669 ng
RT: 13.942 min Scan# 1847
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



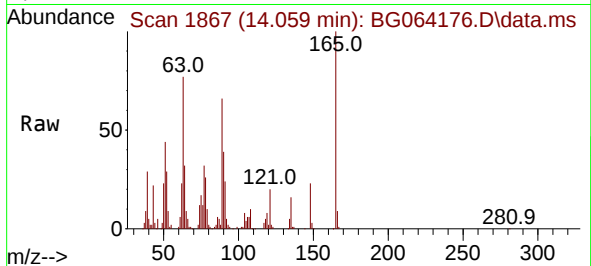
Tgt Ion:163 Resp: 381580
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.558 ng
RT: 14.059 min Scan# 1867
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

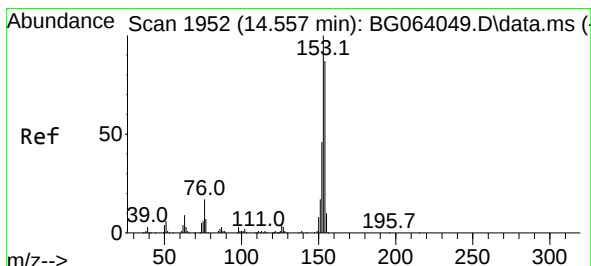
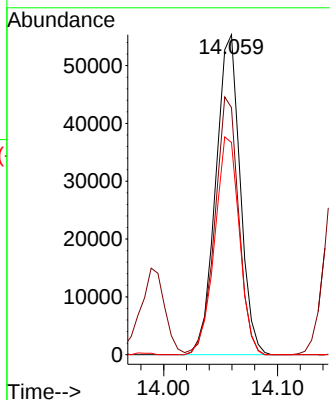
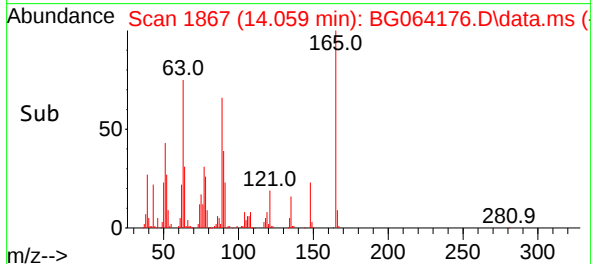
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion:165 Resp: 8246
Ion Ratio Lower Upper
165 100
63 77.2 56.7 85.1
89 66.3 53.7 80.5

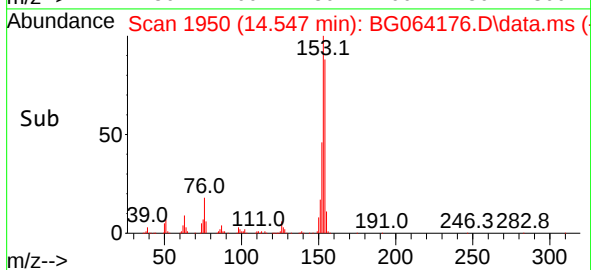
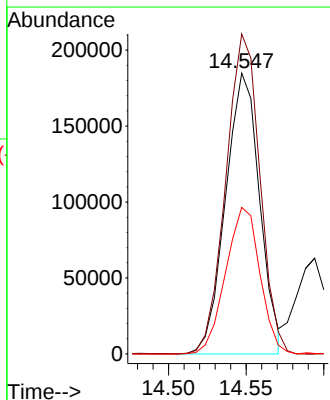
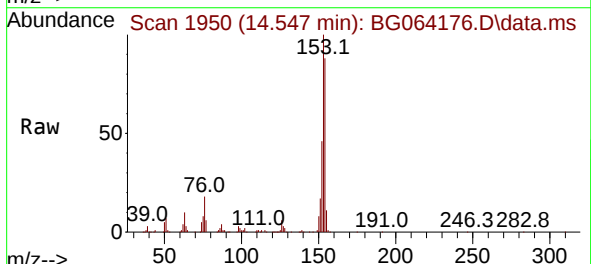
Manual Integrations
APPROVED

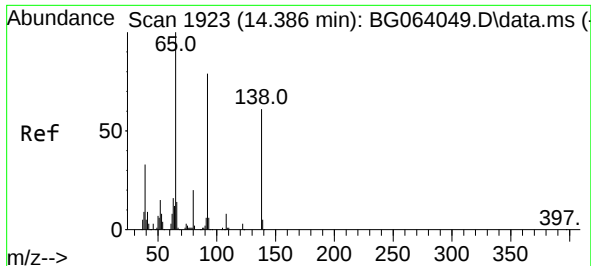
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#52
Acenaphthene
Concen: 47.281 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

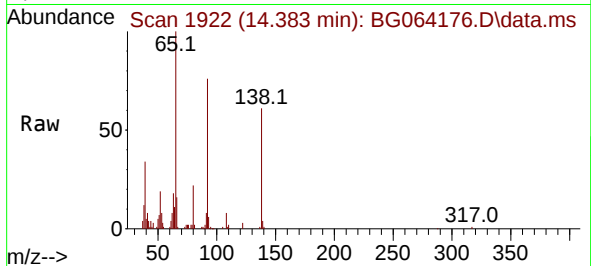
Tgt Ion:154 Resp: 282136
Ion Ratio Lower Upper
154 100
153 113.9 91.6 137.4
152 52.2 42.5 63.7





#53
3-Nitroaniline
Concen: 21.790 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

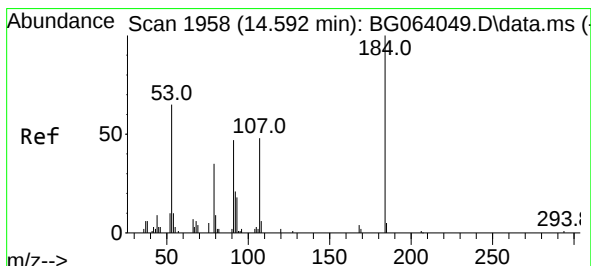
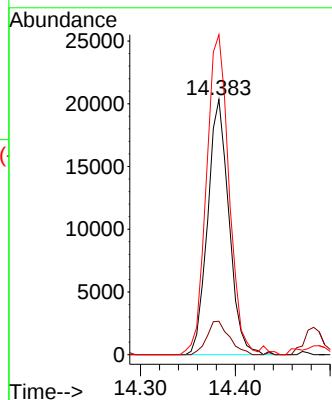
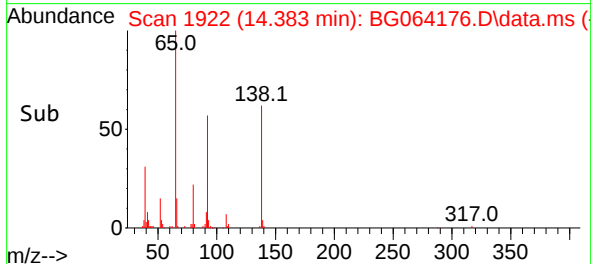
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



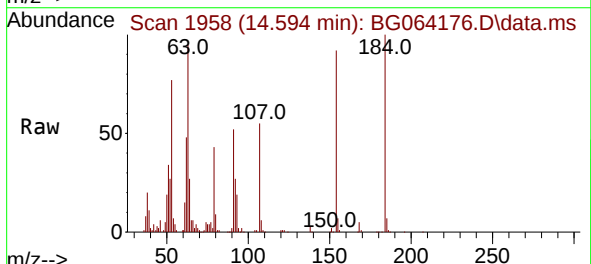
Tgt Ion:138 Resp: 31715
Ion Ratio Lower Upper
138 100
108 13.1 10.1 15.1
92 125.4 104.1 156.1

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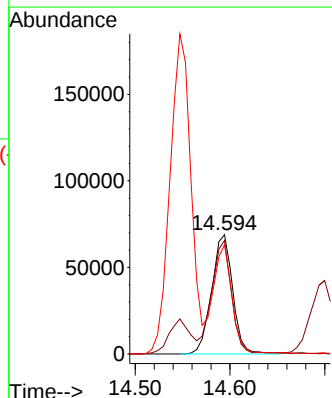
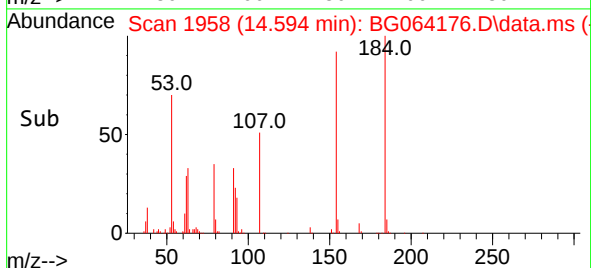
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

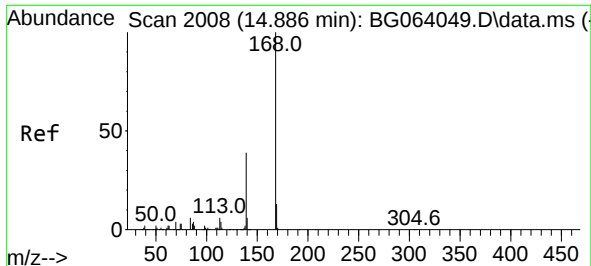


#54
2,4-Dinitrophenol
Concen: 157.784 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



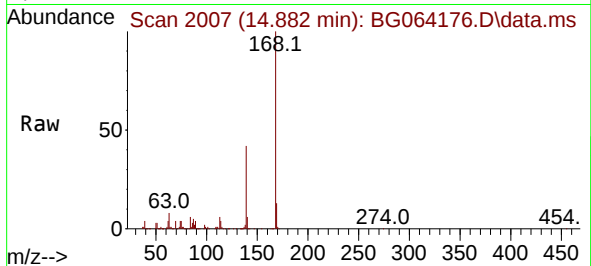
Tgt Ion:184 Resp: 105922
Ion Ratio Lower Upper
184 100
63 95.1 57.5 86.3#
154 91.6 52.3 78.5#





#55
Dibenzofuran
Concen: 47.907 ng
RT: 14.882 min Scan# 2008
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

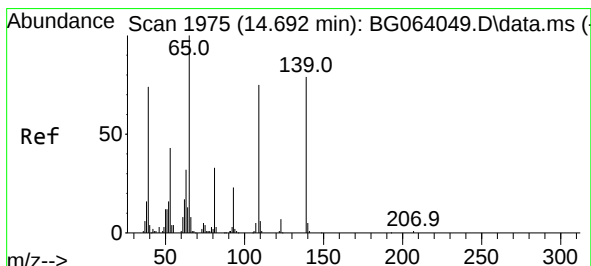
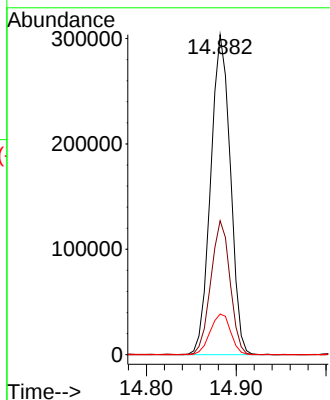
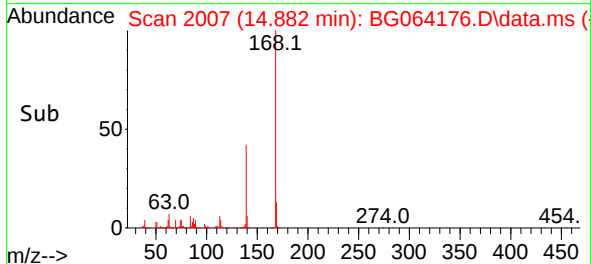
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



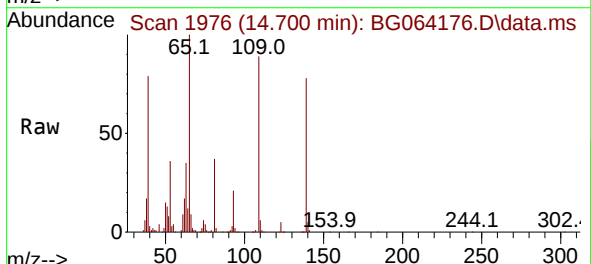
Tgt Ion:168 Resp: 46310
Ion Ratio Lower Upper
168 100
139 41.9 31.1 46.7
169 12.7 10.5 15.7

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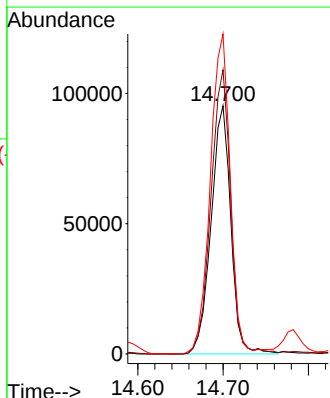
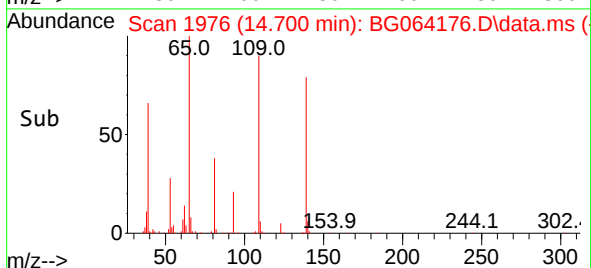
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

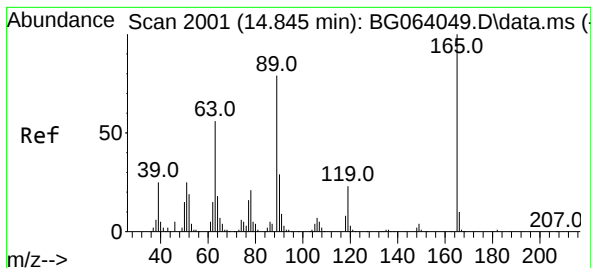


#56
4-Nitrophenol
Concen: 125.363 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.008 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



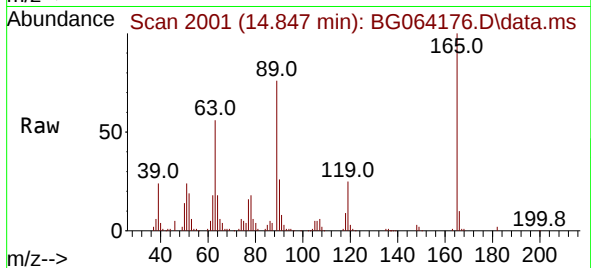
Tgt Ion:139 Resp: 153028
Ion Ratio Lower Upper
139 100
109 114.5 74.9 114.9
65 129.0 106.8 146.8





#57
2,4-Dinitrotoluene
Concen: 61.490 ng
RT: 14.847 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

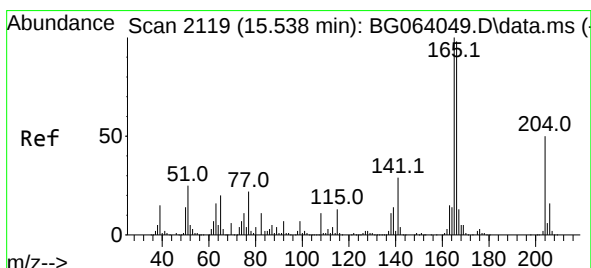
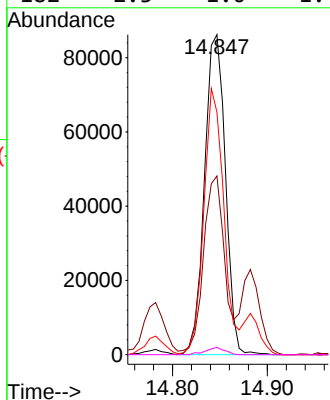
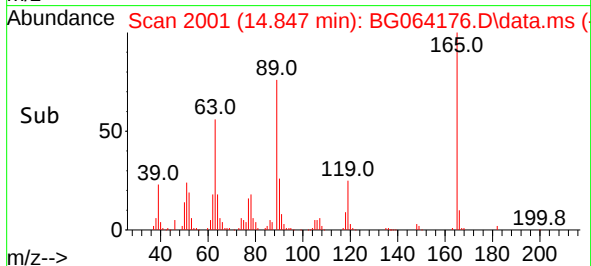
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



Tgt Ion:165 Resp: 13196
Ion Ratio Lower Upper
165 100
63 55.9 45.0 67.6
89 75.8 63.1 94.7
182 2.3 1.0 1.4#

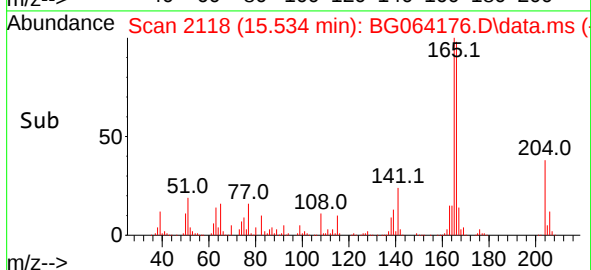
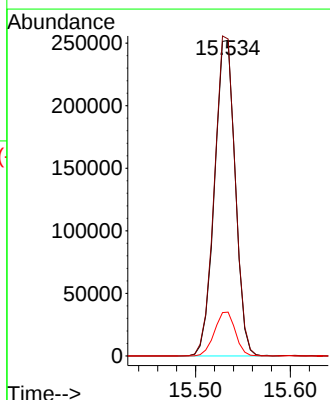
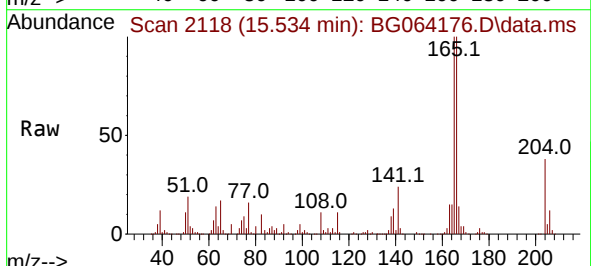
Manual Integrations
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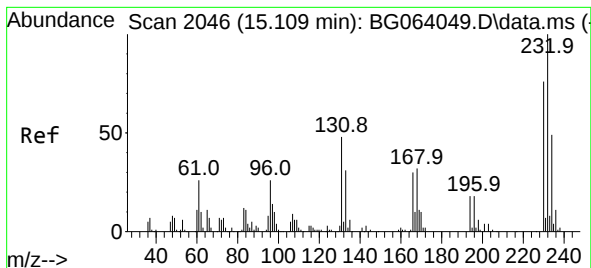
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#58
Fluorene
Concen: 50.793 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

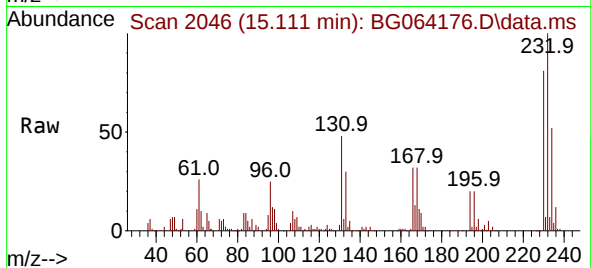
Tgt Ion:166 Resp: 382424
Ion Ratio Lower Upper
166 100
165 100.4 81.8 122.8
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.224 ng
RT: 15.111 min Scan# 2046
Delta R.T. 0.002 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

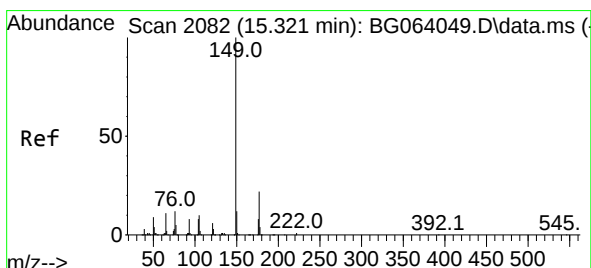
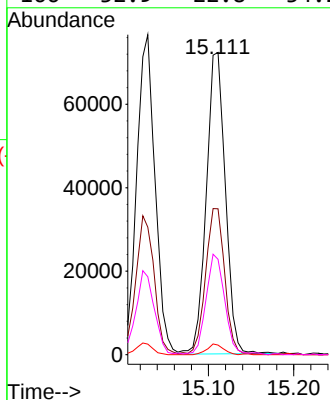
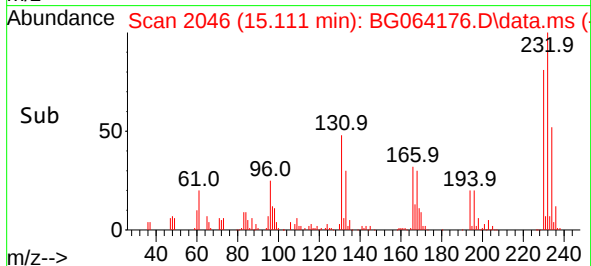
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



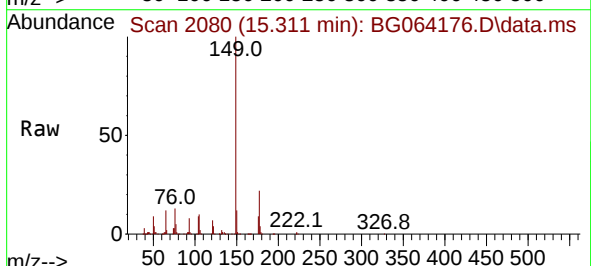
Tgt Ion:232 Resp: 111984
Ion Ratio Lower Upper
232 100
131 48.9 36.3 54.5
130 3.0 1.9 2.9
166 32.9 22.8 34.2

Manual Integrations
APPROVED

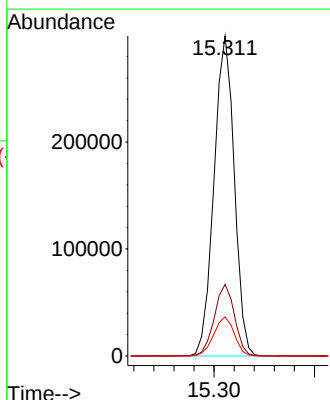
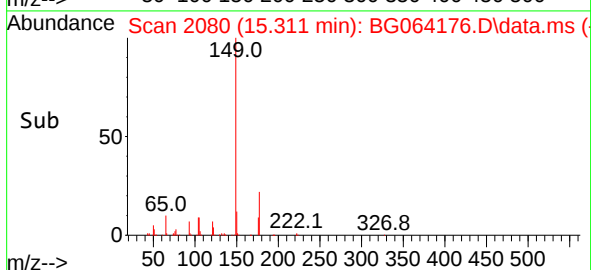
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

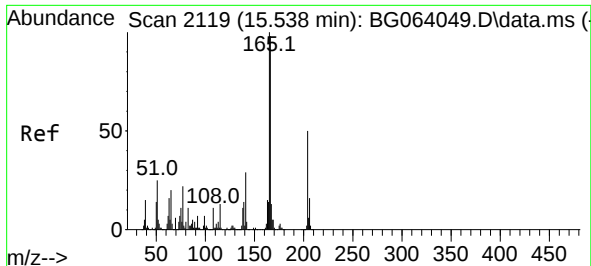


#60
Diethylphthalate
Concen: 51.282 ng
RT: 15.311 min Scan# 2080
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



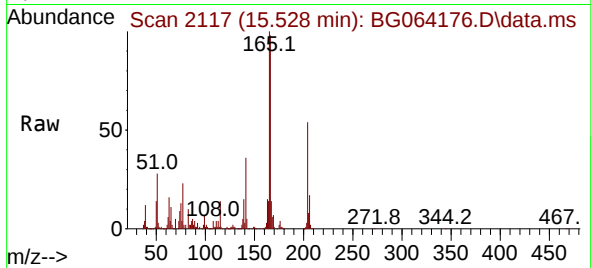
Tgt Ion:149 Resp: 419250
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 12.2 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 51.173 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

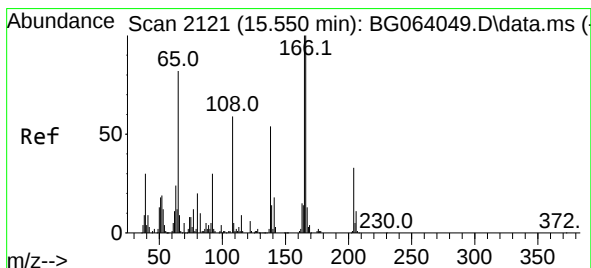
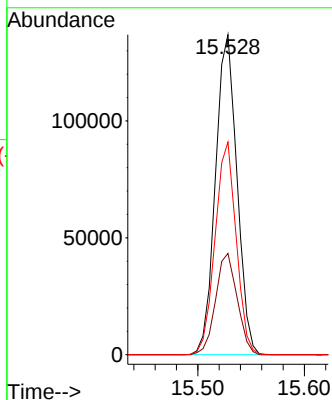
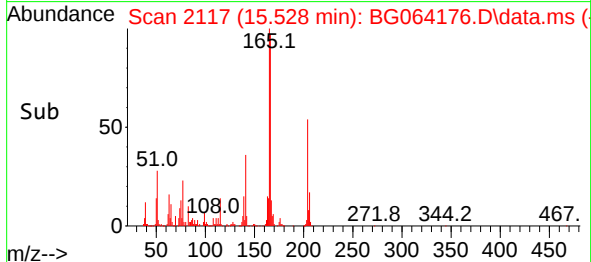
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



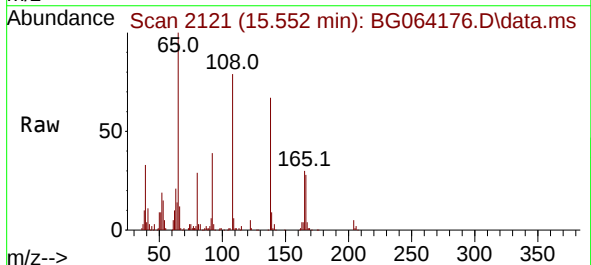
Tgt Ion:204 Resp: 191460
Ion Ratio Lower Upper
204 100
206 31.7 25.5 38.3
141 66.4 45.4 68.0

Manual Integrations
APPROVED

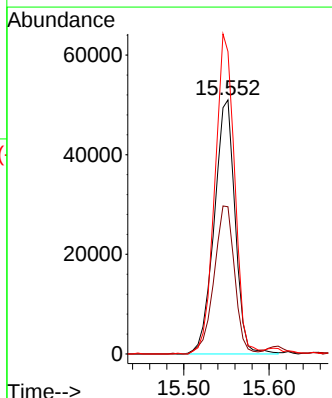
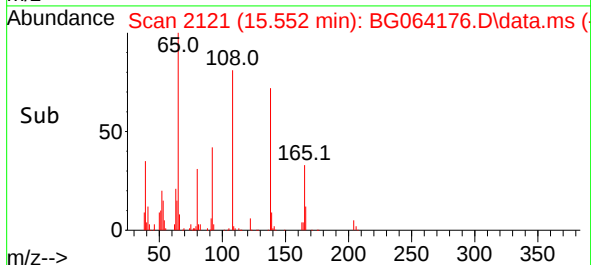
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

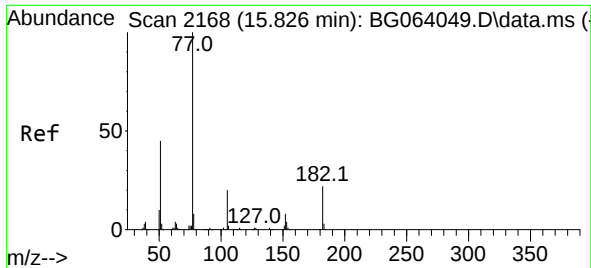


#62
4-Nitroaniline
Concen: 55.246 ng
RT: 15.552 min Scan# 2121
Delta R.T. 0.002 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



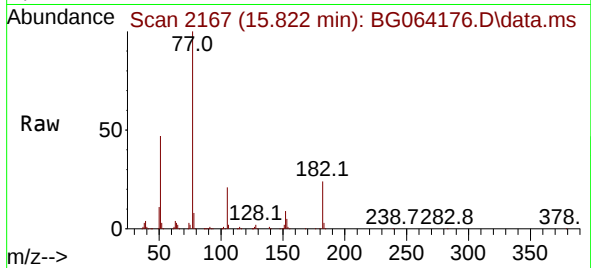
Tgt Ion:138 Resp: 86814
Ion Ratio Lower Upper
138 100
92 58.0 36.1 76.1
108 119.0 87.9 127.9





#63
Azobenzene
Concen: 47.485 ng
RT: 15.822 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

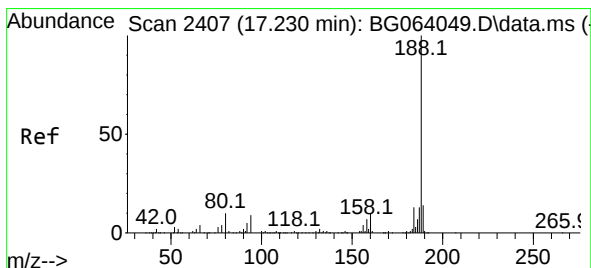
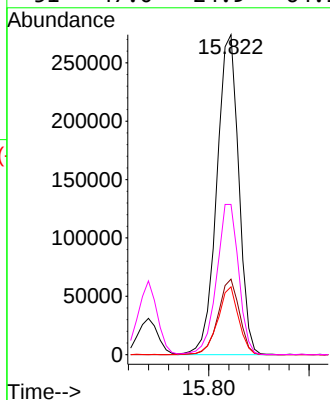
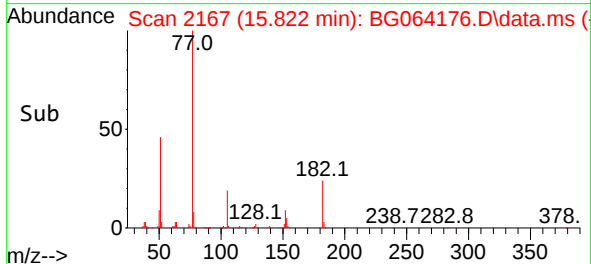
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



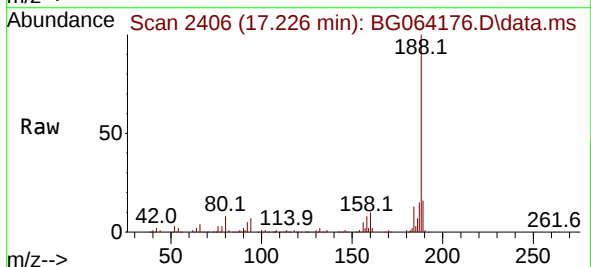
Tgt Ion: 77 Resp: 414254
Ion Ratio Lower Upper
77 100
182 23.6 2.4 42.4
105 21.2 0.0 40.0
51 47.0 24.9 64.9

Manual Integrations
APPROVED

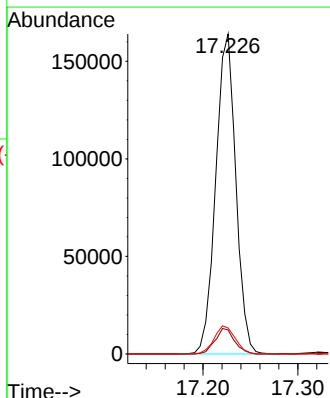
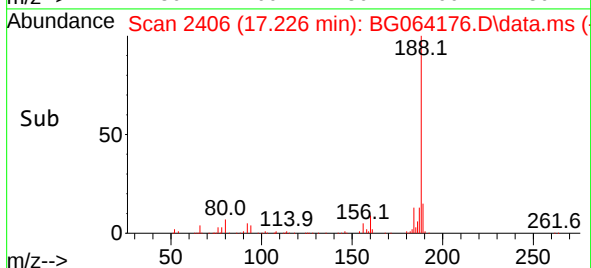
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

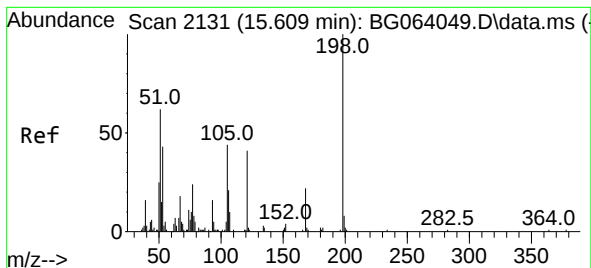


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



Tgt Ion:188 Resp: 241112
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.1 8.1 12.1





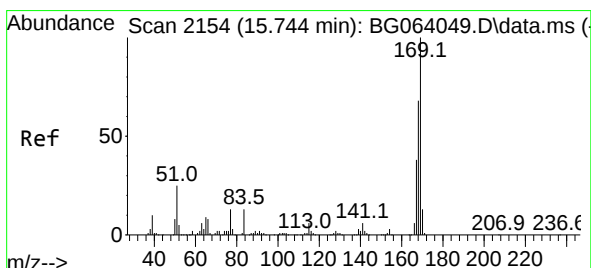
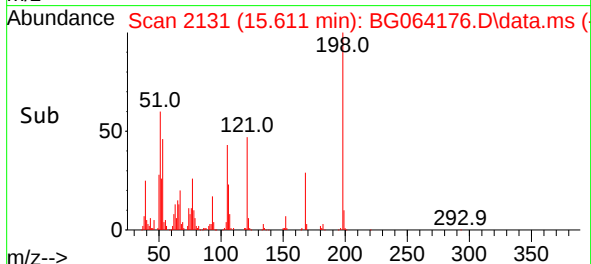
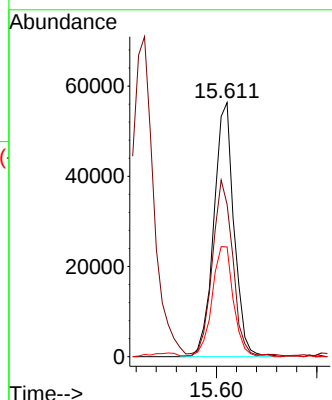
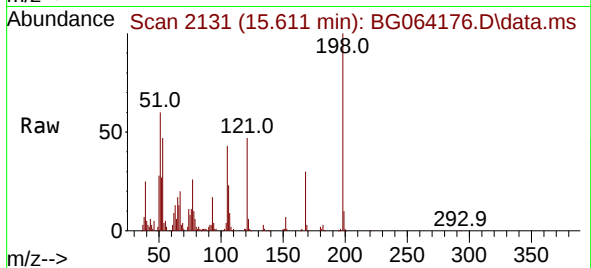
#65
4,6-Dinitro-2-methylphenol
Concen: 70.683 ng
RT: 15.611 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Instrument :
BNA_G
ClientSampleId :
PB167451BSD

Tgt Ion:198 Resp: 7847
Ion Ratio Lower Upper
198 100
51 60.0 45.6 85.6
105 43.2 25.3 65.3

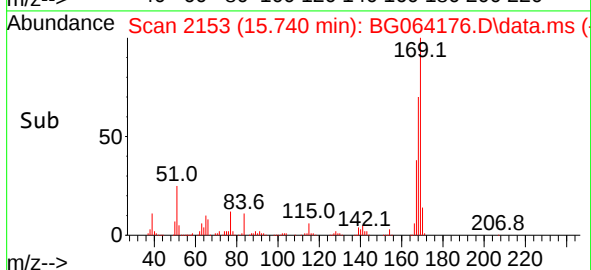
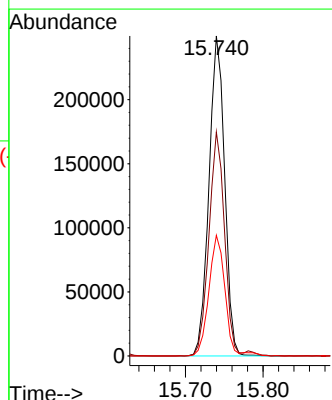
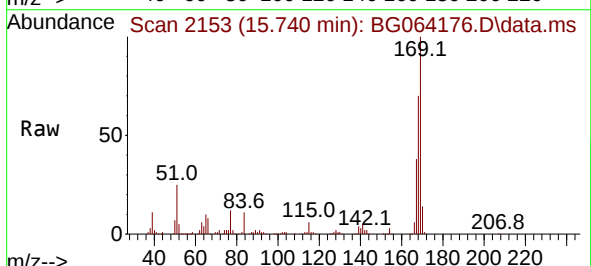
Manual Integrations
APPROVED

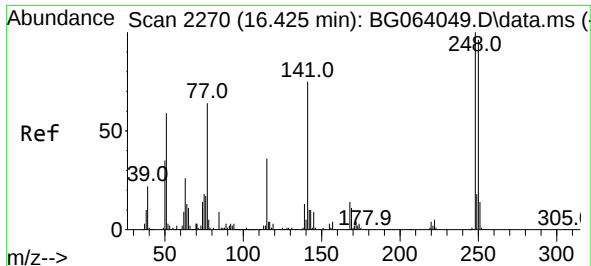
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#66
n-Nitrosodiphenylamine
Concen: 51.361 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

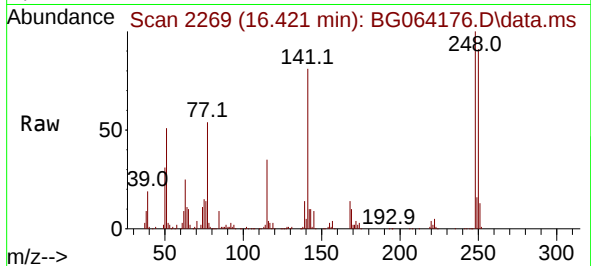
Tgt Ion:169 Resp: 350536
Ion Ratio Lower Upper
169 100
168 70.0 54.1 81.1
167 37.7 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 52.927 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

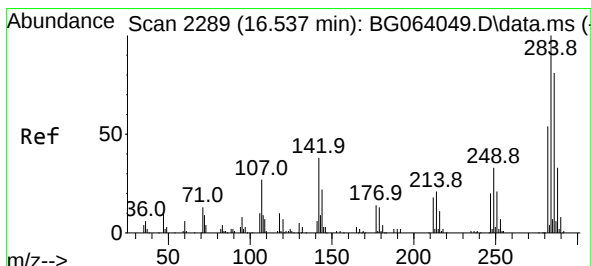
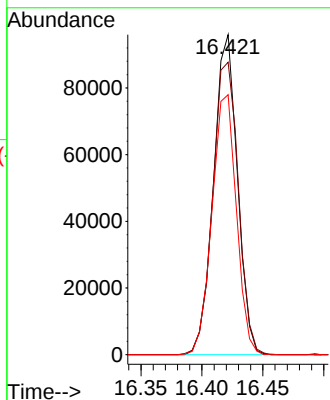
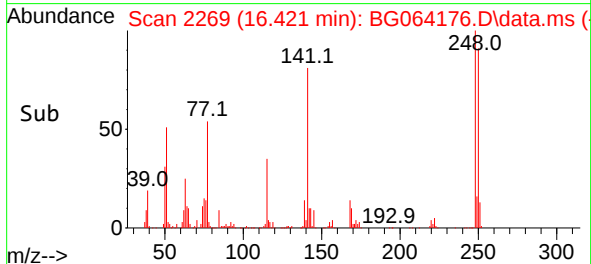
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



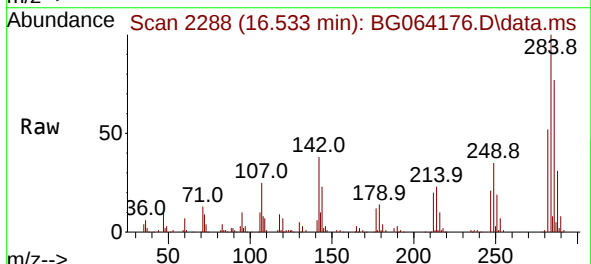
Tgt Ion:248 Resp: 130700
Ion Ratio Lower Upper
248 100
250 91.4 77.1 115.7
141 81.2 59.8 89.8

Manual Integrations
APPROVED

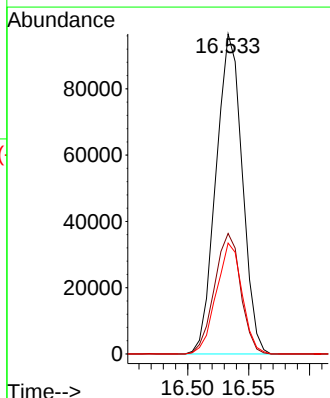
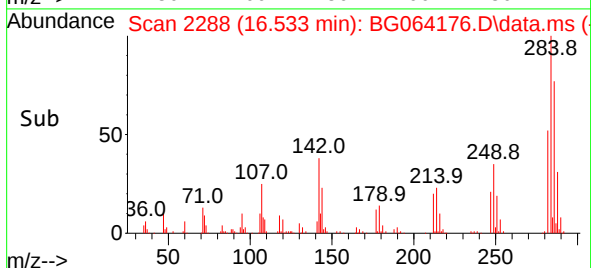
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

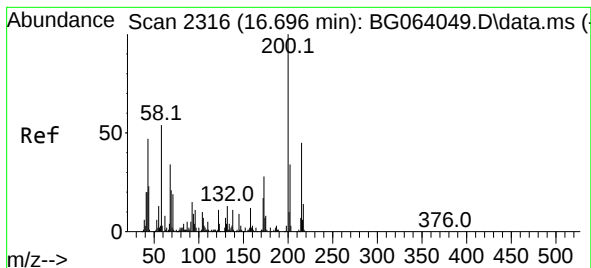


#68
Hexachlorobenzene
Concen: 52.389 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



Tgt Ion:284 Resp: 144837
Ion Ratio Lower Upper
284 100
142 37.7 30.6 45.8
249 34.7 26.6 39.8





#69

Atrazine

Concen: 71.699 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

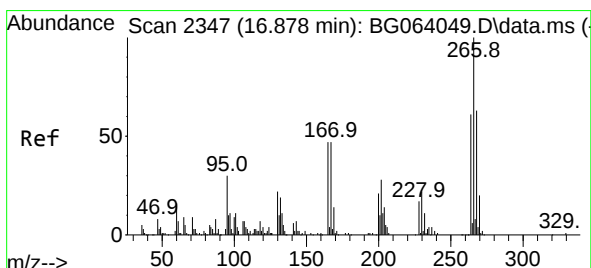
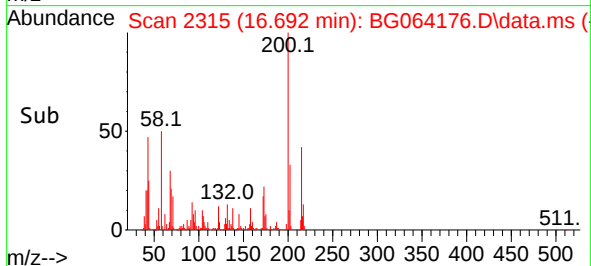
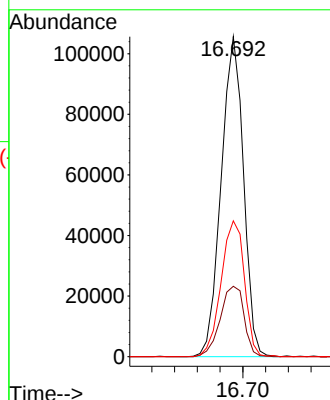
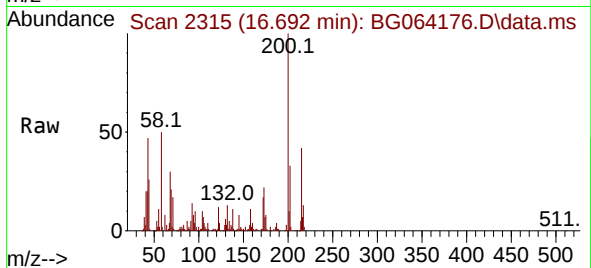
Tgt Ion:200 Resp: 143980
 Ion Ratio Lower Upper
 200 100
 173 22.0 8.2 48.2
 215 42.5 25.5 65.5

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#70

Pentachlorophenol

Concen: 113.044 ng

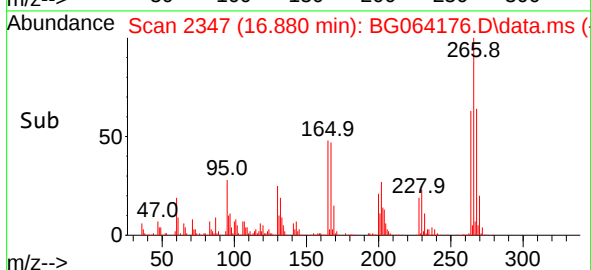
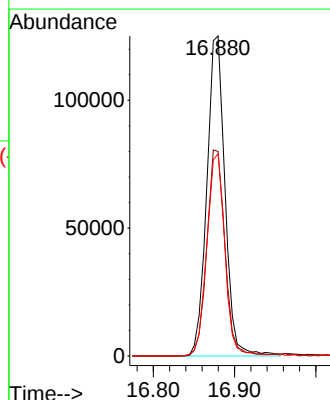
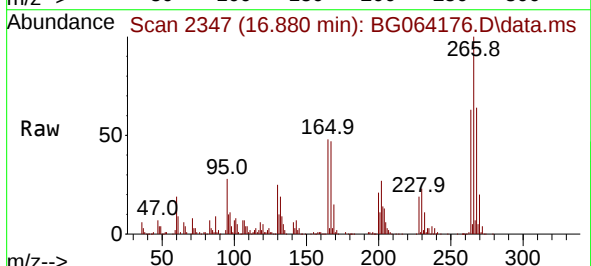
RT: 16.880 min Scan# 2347

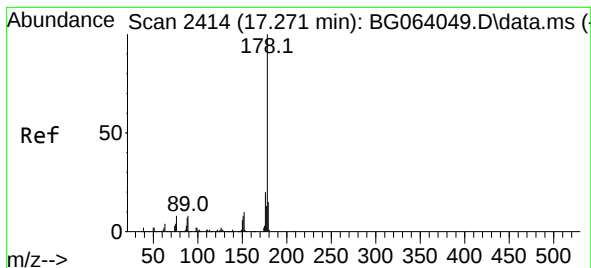
Delta R.T. 0.002 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Tgt Ion:266 Resp: 194044
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.2 75.4
 264 63.1 48.9 73.3





#71

Phenanthrene

Concen: 50.891 ng

RT: 17.267 min Scan# 2414

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

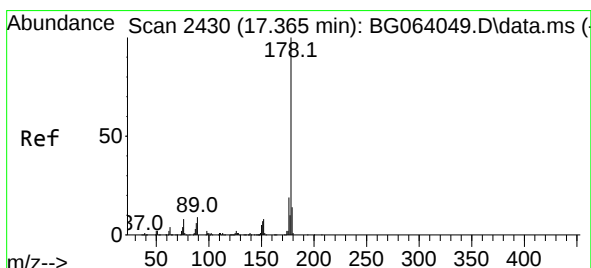
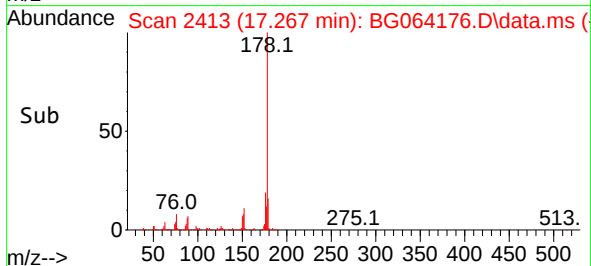
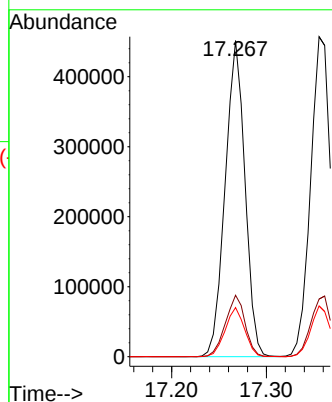
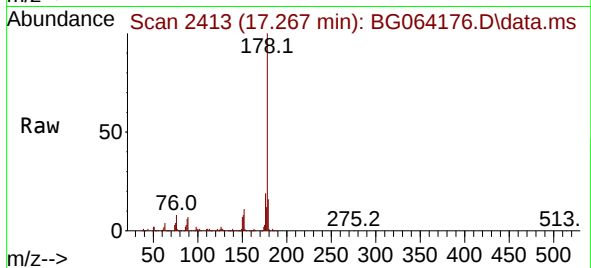
Tgt Ion:178 Resp: 654470
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.6 12.2 18.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#72

Anthracene

Concen: 53.358 ng

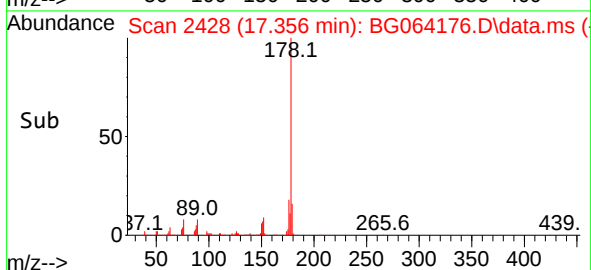
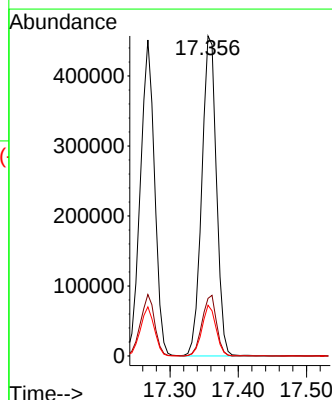
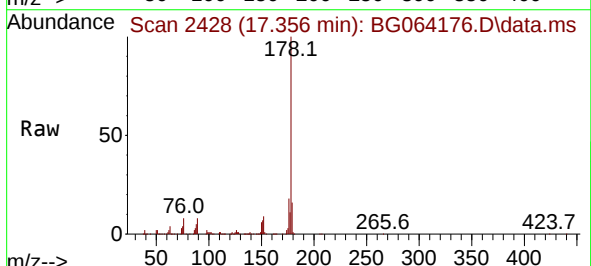
RT: 17.356 min Scan# 2428

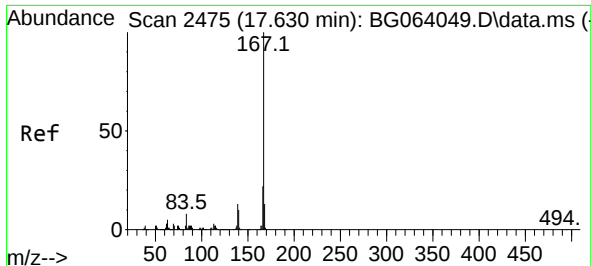
Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

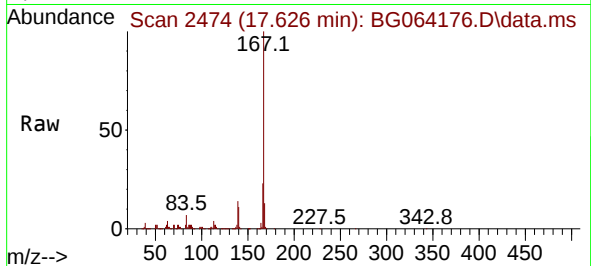
Tgt Ion:178 Resp: 682335
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.8 22.2
 179 15.8 11.5 17.3





#73
 Carbazole
 Concen: 51.768 ng
 RT: 17.626 min Scan# 2475
 Delta R.T. -0.004 min
 Lab File: BG064176.D
 Acq: 3 Apr 2025 21:19

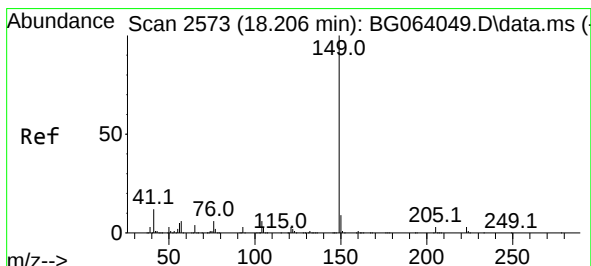
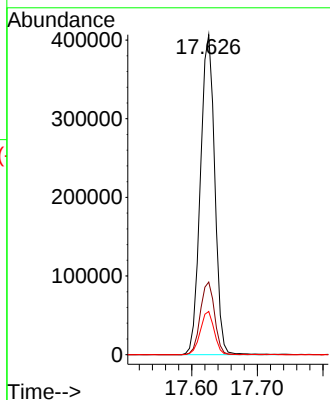
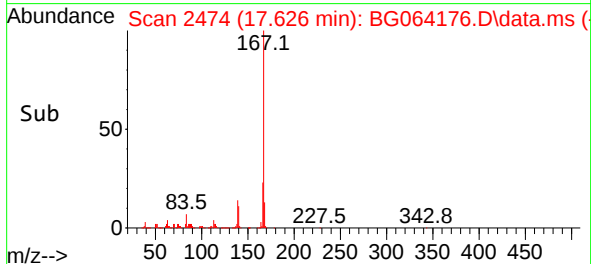
Instrument :
 BNA_G
 ClientSampleId :
 PB167451BSD



Tgt Ion:167 Resp: 61808
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 13.5 10.6 15.8

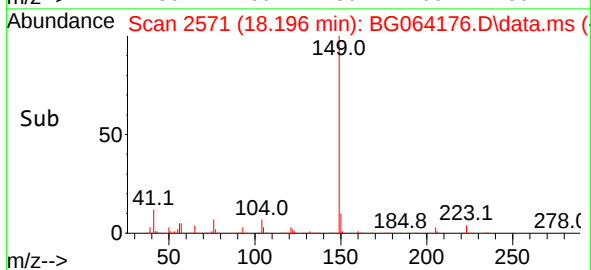
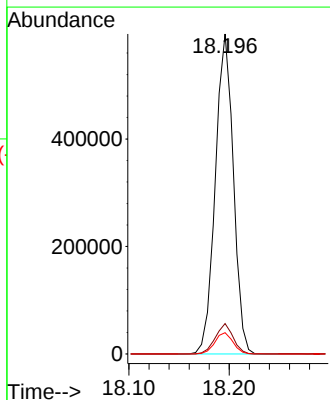
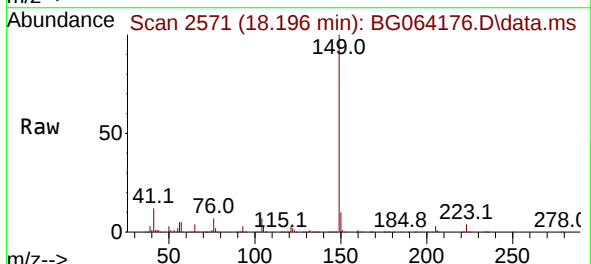
Manual Integrations
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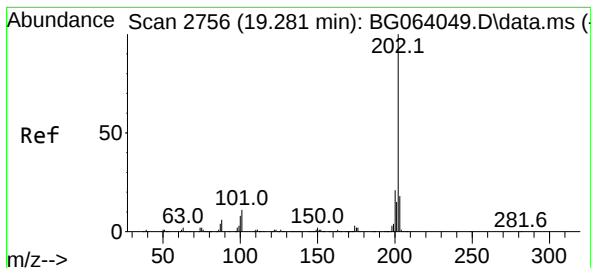
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025



#74
 Di-n-butylphthalate
 Concen: 52.928 ng
 RT: 18.196 min Scan# 2571
 Delta R.T. -0.010 min
 Lab File: BG064176.D
 Acq: 3 Apr 2025 21:19

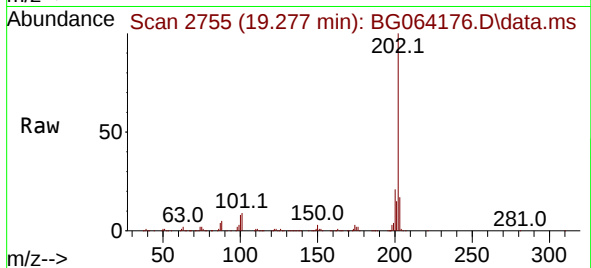
Tgt Ion:149 Resp: 743858
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 6.7 5.0 7.6





#75
Fluoranthene
Concen: 49.569 ng
RT: 19.277 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

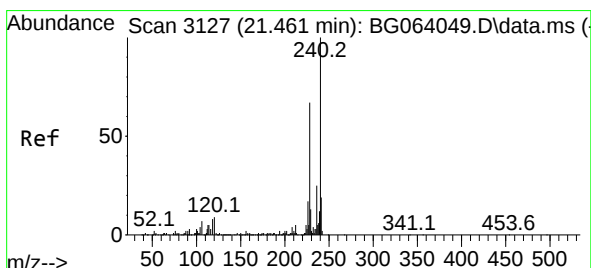
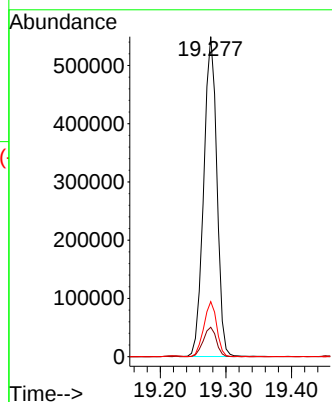
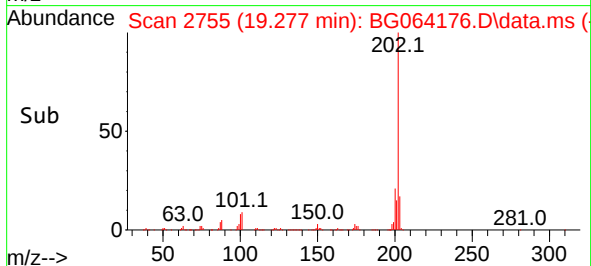
Instrument :
BNA_G
ClientSampleId :
PB167451BSD



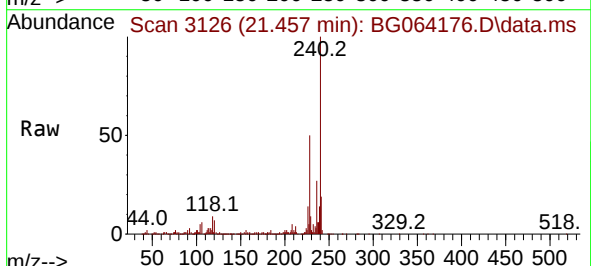
Tgt Ion:202 Resp: 768518
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.5
203 17.2 0.0 38.3

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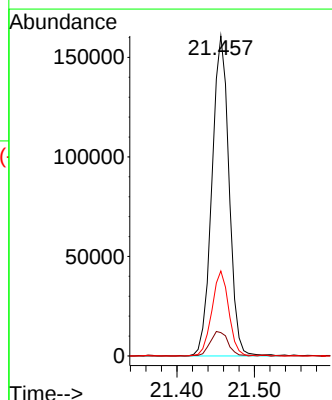
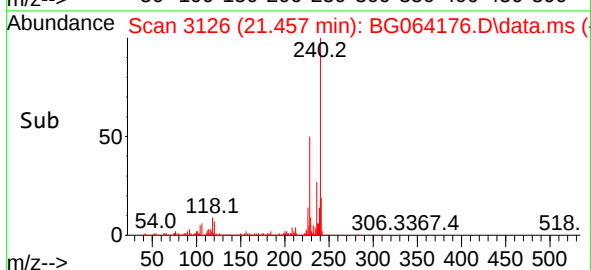
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

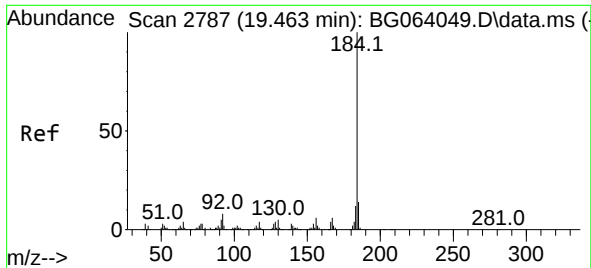


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19



Tgt Ion:240 Resp: 247153
Ion Ratio Lower Upper
240 100
120 7.3 7.2 10.8
236 26.6 20.2 30.2





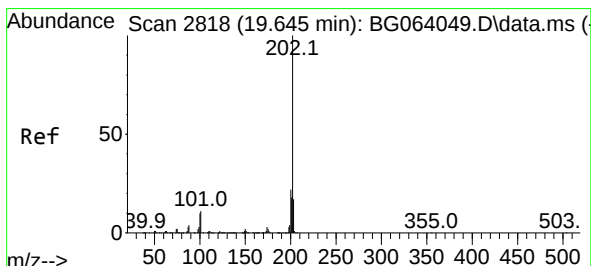
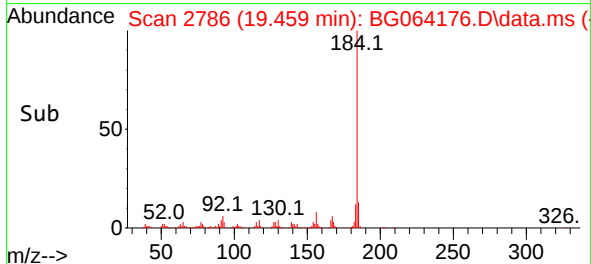
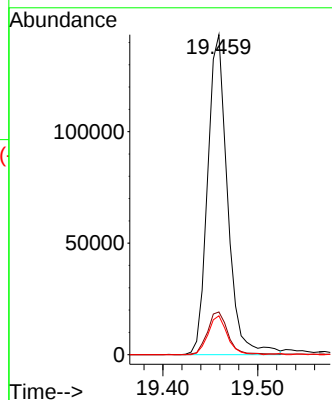
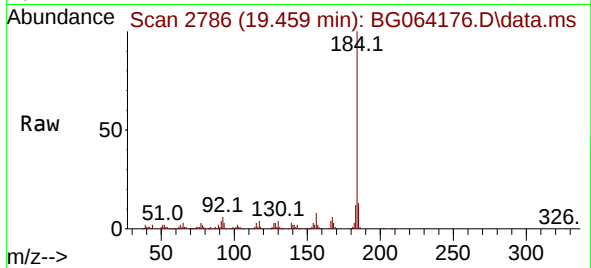
#77
Benzidine
Concen: 61.117 ng
RT: 19.459 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Instrument :
BNA_G
ClientSampleId :
PB167451BSD

Tgt Ion:184 Resp: 20916
Ion Ratio Lower Upper
184 100
185 13.4 11.3 16.9
183 12.1 9.5 14.3

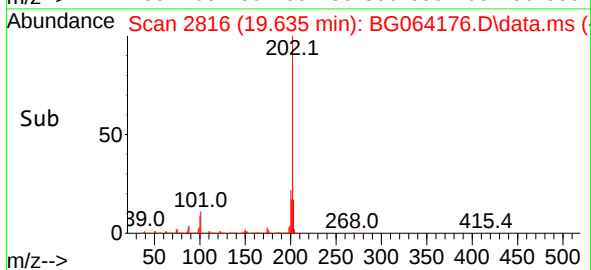
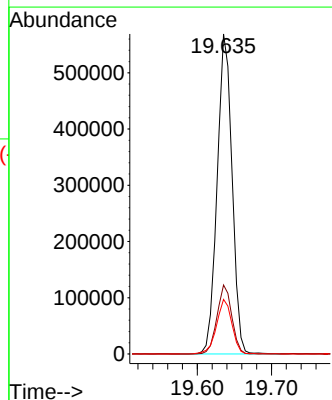
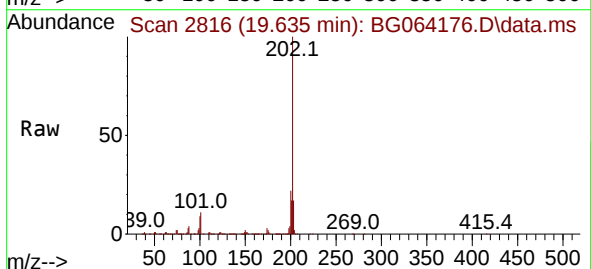
Manual Integrations
APPROVED

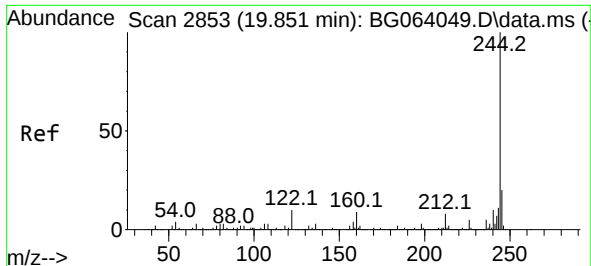
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#78
Pyrene
Concen: 49.829 ng
RT: 19.635 min Scan# 2816
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Tgt Ion:202 Resp: 793876
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.1 13.6 20.4





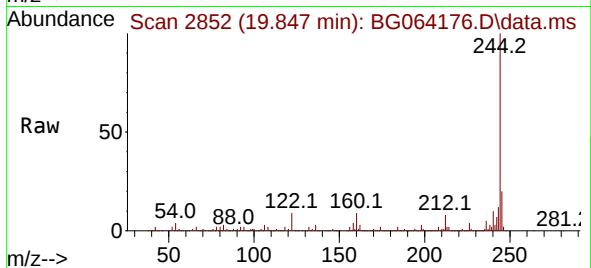
#79
 Terphenyl-d14
 Concen: 100.339 ng
 RT: 19.847 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064176.D
 Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD



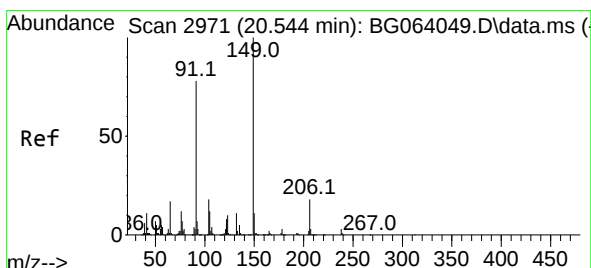
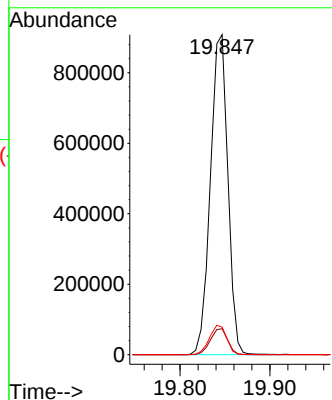
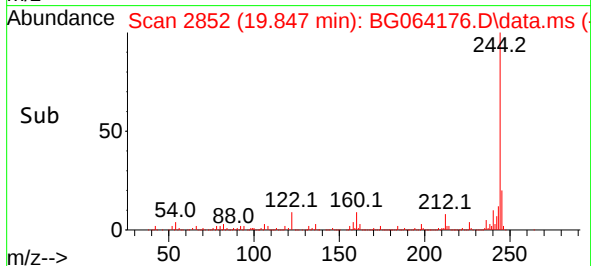
Tgt Ion:244 Resp: 122646
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 8.6 8.0 12.0

Manual Integrations

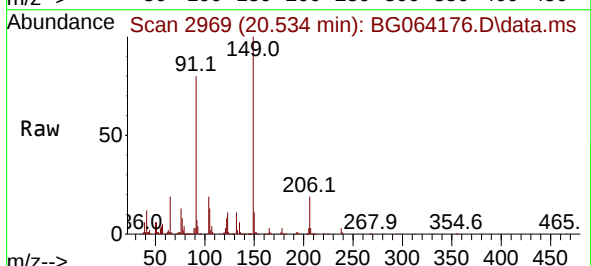
APPROVED

Reviewed By :Rahul Chavli 04/04/2025

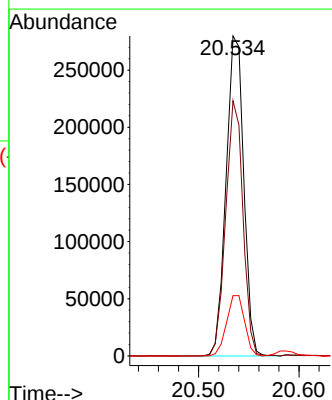
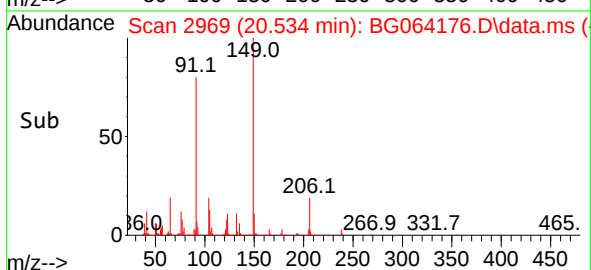
Supervised By :Jagrut Upadhyay 04/04/2025

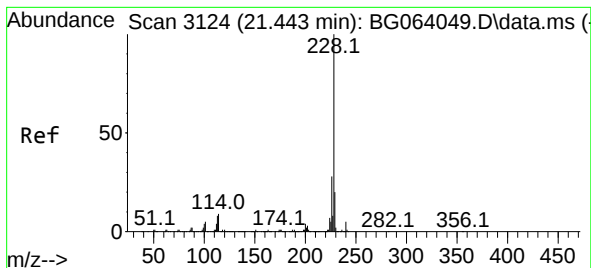


#80
 Butylbenzylphthalate
 Concen: 56.555 ng
 RT: 20.534 min Scan# 2969
 Delta R.T. -0.010 min
 Lab File: BG064176.D
 Acq: 3 Apr 2025 21:19



Tgt Ion:149 Resp: 342298
 Ion Ratio Lower Upper
 149 100
 91 79.7 62.0 93.0
 206 18.8 14.6 21.8





#81

Benzo(a)anthracene

Concen: 51.233 ng

RT: 21.439 min Scan# 3111

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

Tgt Ion:228 Resp: 81111

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

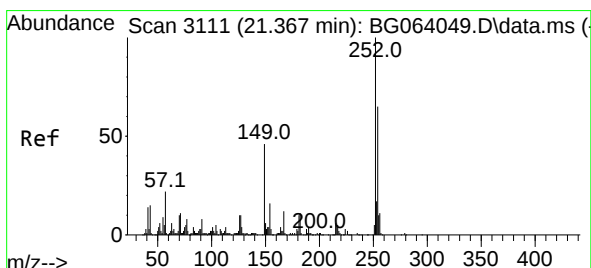
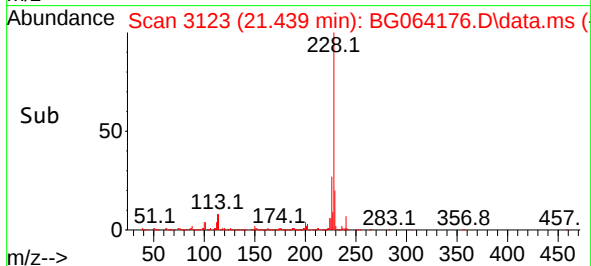
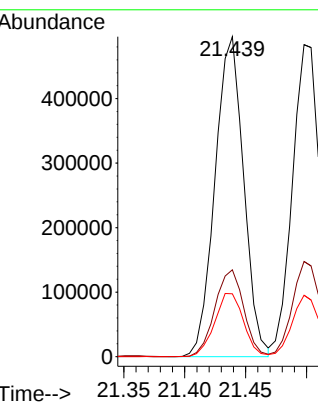
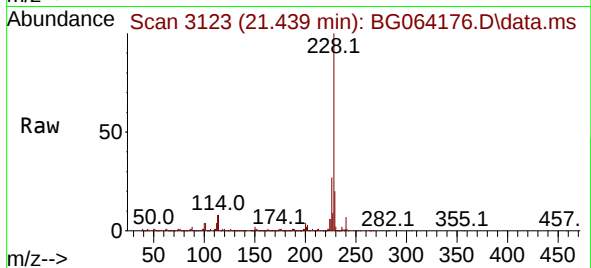
229 19.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 25.404 ng

RT: 21.357 min Scan# 3109

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

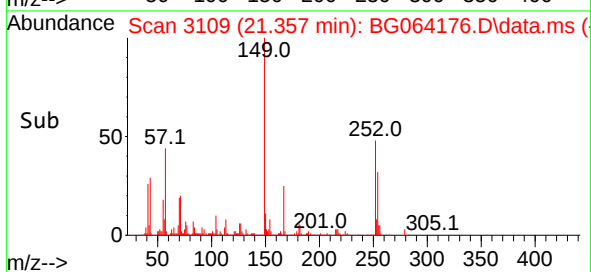
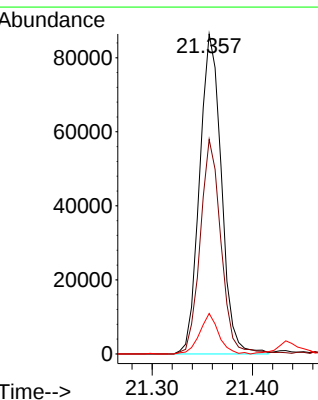
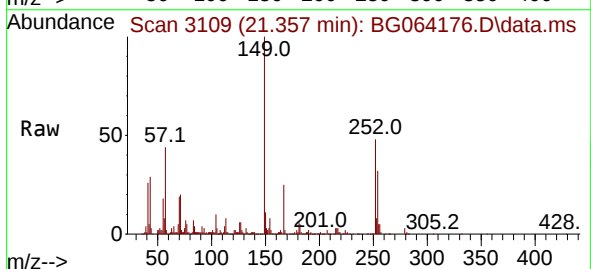
Tgt Ion:252 Resp: 130164

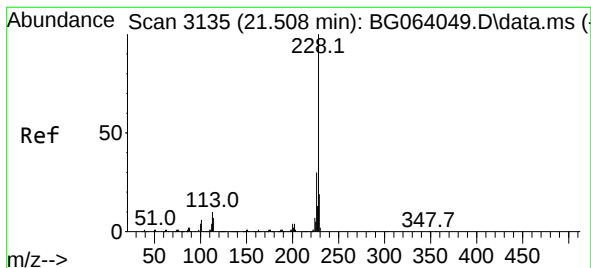
Ion Ratio Lower Upper

252 100

254 67.0 52.1 78.1

126 12.6 7.8 11.8#





#83

Chrysene

Concen: 48.337 ng

RT: 21.498 min Scan# 3111

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

Tgt Ion:228 Resp: 763254

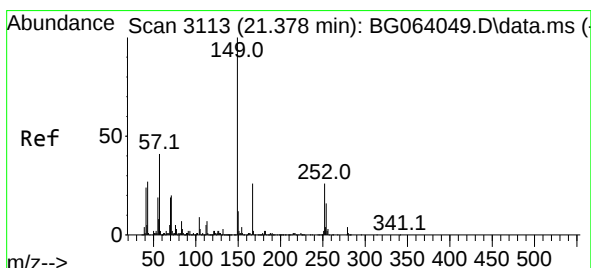
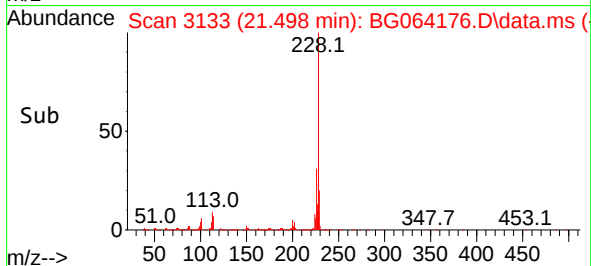
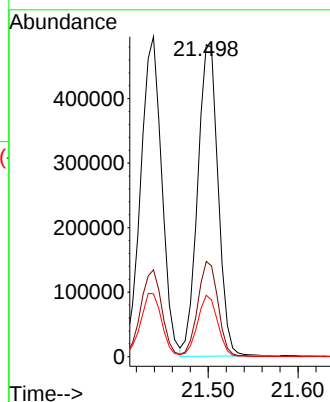
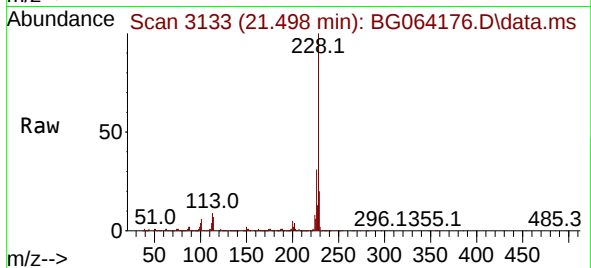
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	19.7	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.812 ng

RT: 21.369 min Scan# 3111

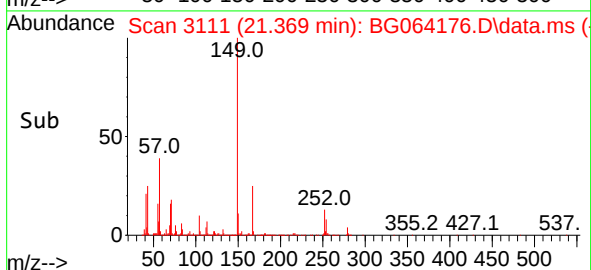
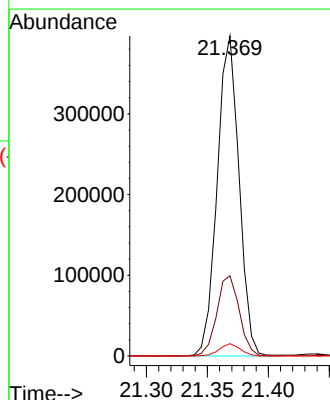
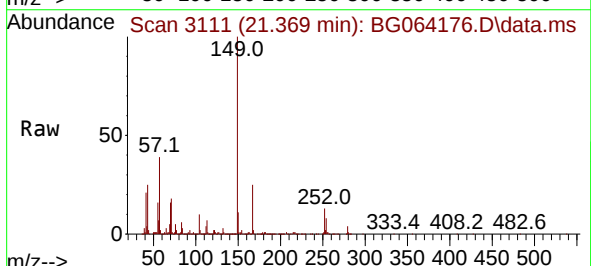
Delta R.T. -0.010 min

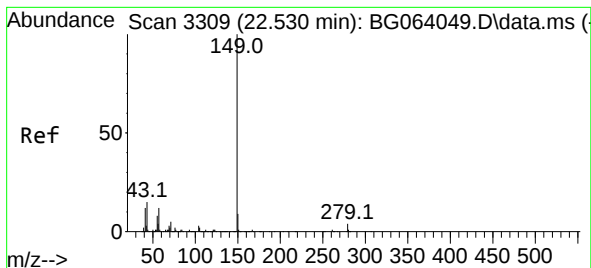
Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Tgt Ion:149 Resp: 494996

Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.0	31.6
279	3.8	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 58.339 ng

RT: 22.508 min Scan# 31

Delta R.T. -0.022 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

Tgt Ion:149 Resp: 861580

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

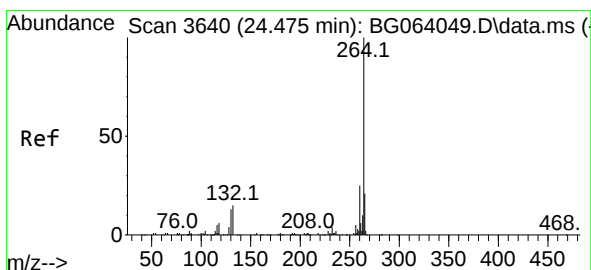
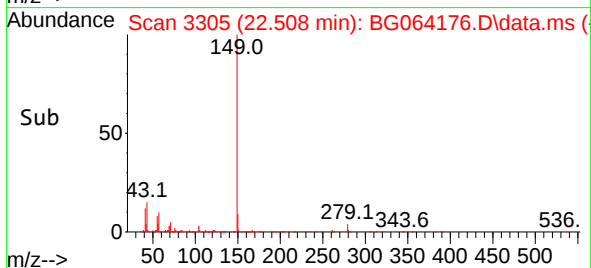
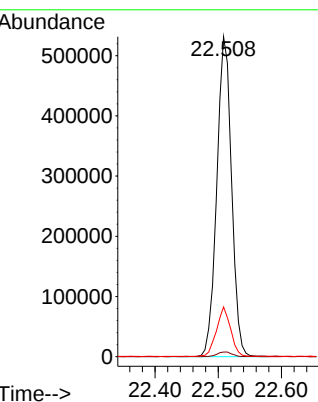
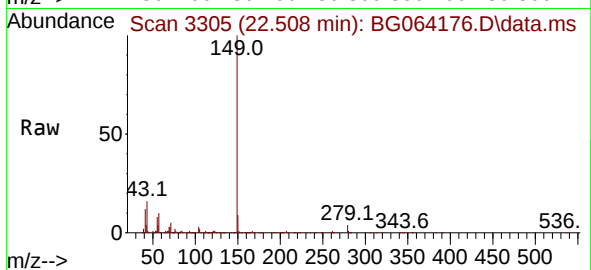
43 14.7 12.6 19.0

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: 24.465 min Scan# 3638

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

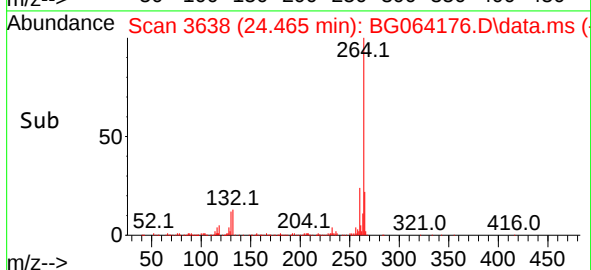
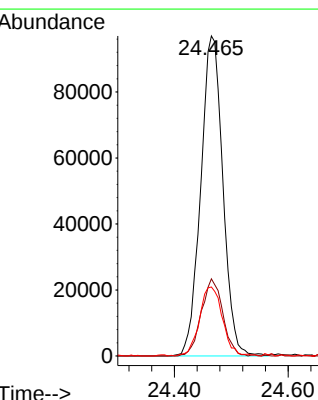
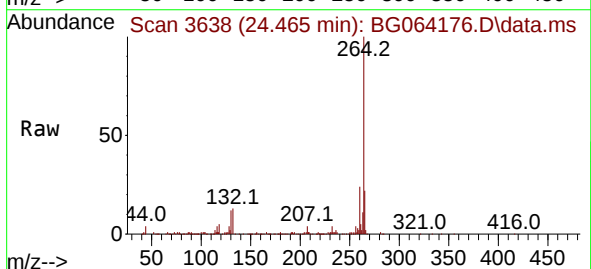
Tgt Ion:264 Resp: 262161

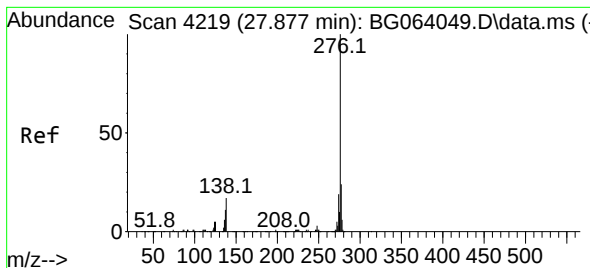
Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.080 ng

RT: 27.873 min Scan# 4219

Delta R.T. -0.004 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

Tgt Ion:276 Resp: 94860

Ion Ratio Lower Upper

276 100

138 19.5 12.1 18.1

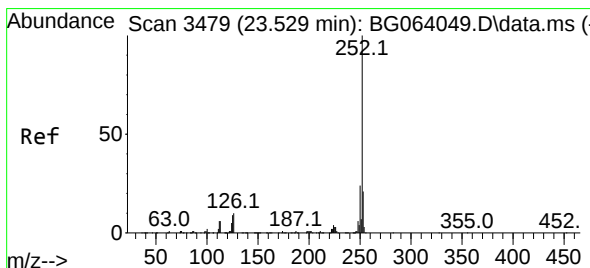
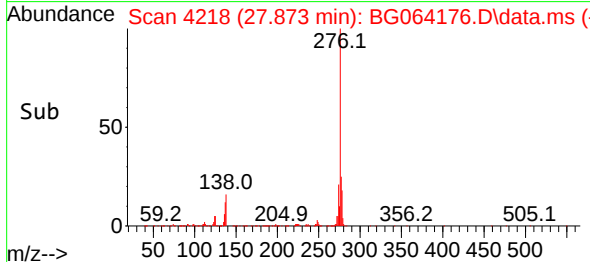
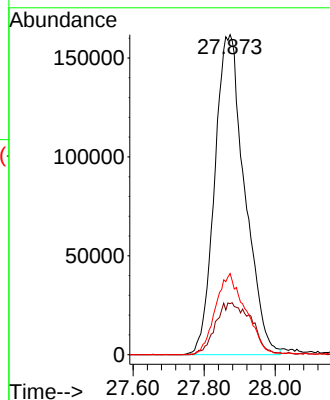
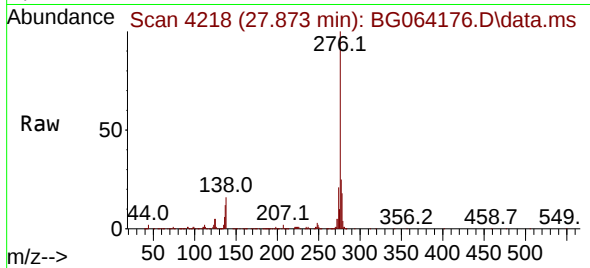
277 25.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#88

Benzo(b)fluoranthene

Concen: 50.789 ng

RT: 23.519 min Scan# 3477

Delta R.T. -0.010 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

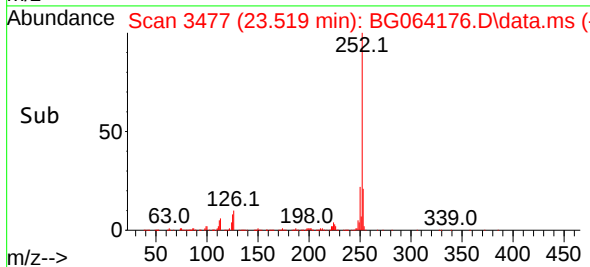
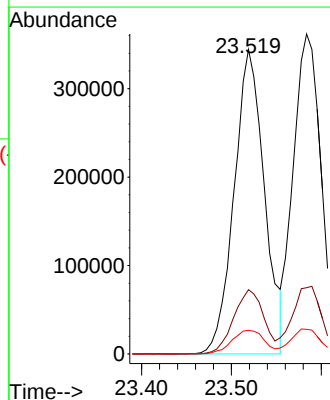
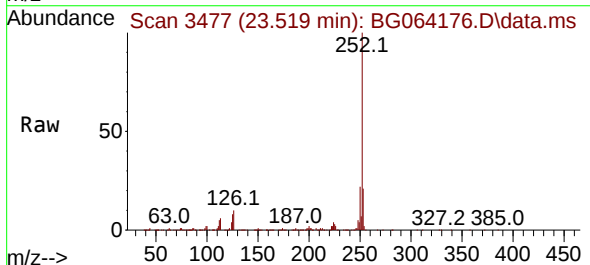
Tgt Ion:252 Resp: 804926

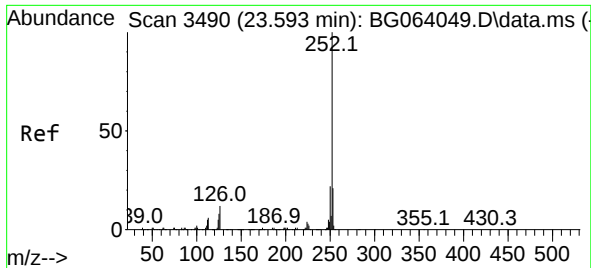
Ion Ratio Lower Upper

252 100

253 21.1 17.0 25.4

125 7.8 7.4 11.2





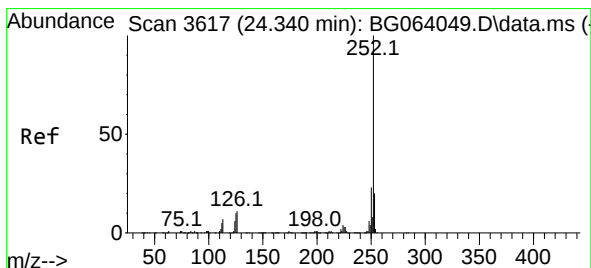
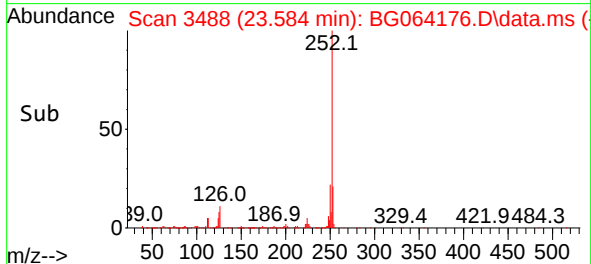
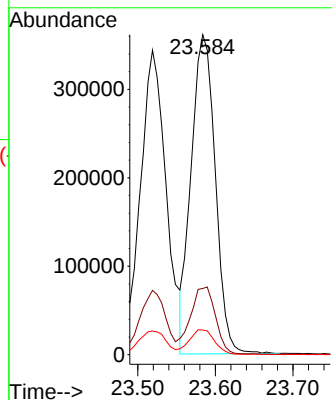
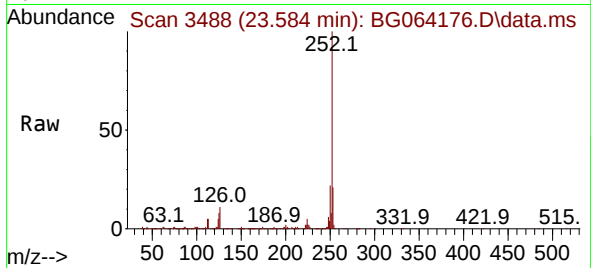
#89
Benzo(k)fluoranthene
Concen: 49.111 ng
RT: 23.584 min Scan# 3490
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Instrument :
BNA_G
ClientSampleId :
PB167451BSD

Tgt Ion:252 Resp: 78083
Ion Ratio Lower Upper
252 100
253 20.7 16.8 25.2
125 7.7 6.9 10.3

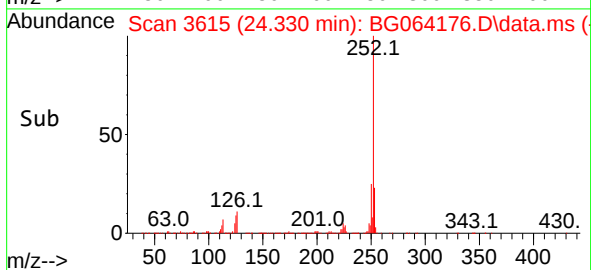
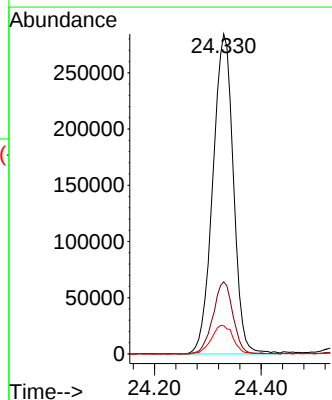
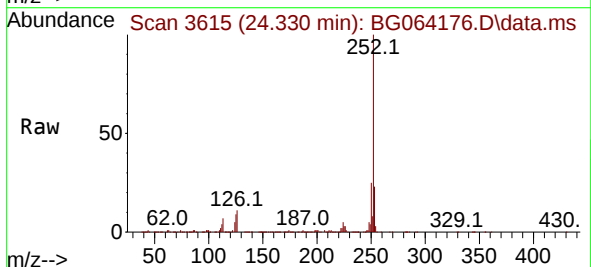
Manual Integrations
APPROVED

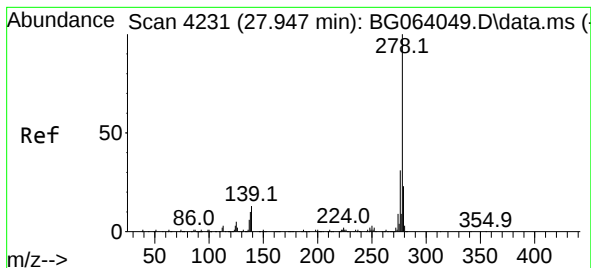
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#90
Benzo(a)pyrene
Concen: 53.976 ng
RT: 24.330 min Scan# 3615
Delta R.T. -0.010 min
Lab File: BG064176.D
Acq: 3 Apr 2025 21:19

Tgt Ion:252 Resp: 761854
Ion Ratio Lower Upper
252 100
253 22.6 16.2 24.2
125 8.9 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 54.090 ng

RT: 27.926 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Instrument :

BNA_G

ClientSampleId :

PB167451BSD

Tgt Ion:278 Resp: 78656

Ion Ratio Lower Upper

278 100

139 14.1 10.2 15.2

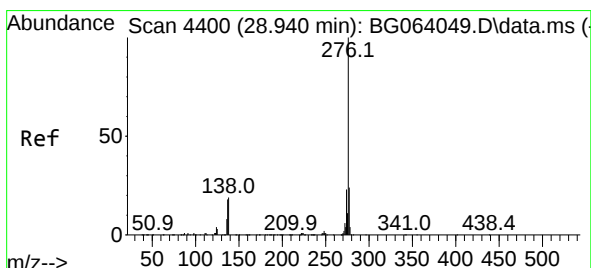
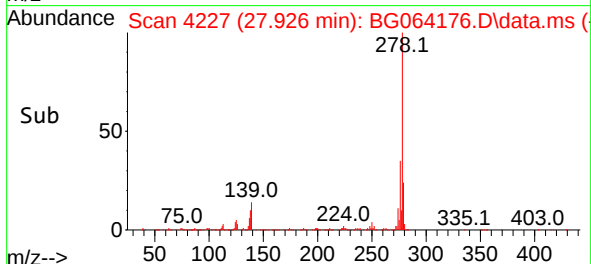
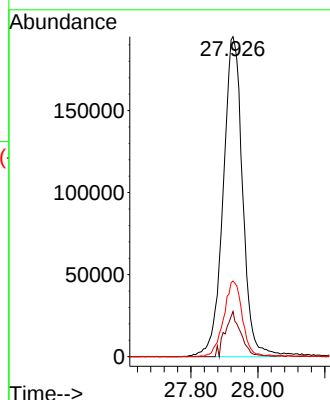
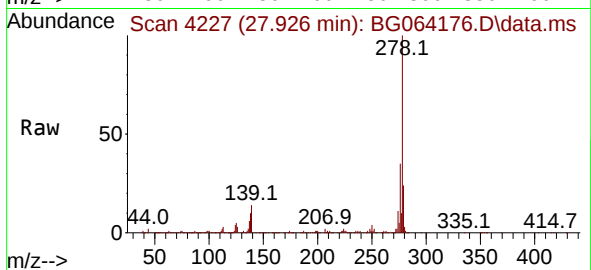
279 23.6 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#92

Benzo(g,h,i)perylene

Concen: 49.778 ng

RT: 28.924 min Scan# 4397

Delta R.T. -0.016 min

Lab File: BG064176.D

Acq: 3 Apr 2025 21:19

Tgt Ion:276 Resp: 743203

Ion Ratio Lower Upper

276 100

277 22.4 19.5 29.3

138 16.9 15.4 23.0

