

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050238.D
 Acq On : 09 Jun 2025 12:05
 Operator : RC/JU
 Sample : PB168340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168340BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 12:47:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	320774	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1257053	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	743659	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1440533	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1506864	20.000	ng	0.00
86) Perylene-d12	24.344	264	1650438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2638389	137.206	ng	0.00
7) Phenol-d6	6.934	99	3384383	133.698	ng	0.00
23) Nitrobenzene-d5	8.916	82	2026373	83.837	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1235095	146.017	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4443623	80.897	ng	0.00
79) Terphenyl-d14	19.768	244	6572801	82.659	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	293881	34.865	ng	96
3) Pyridine	3.669	79	858280	39.320	ng	99
4) n-Nitrosodimethylamine	3.581	42	202342	44.828	ng	98
6) Aniline	7.092	93	1011663	30.231	ng	98
8) 2-Chlorophenol	7.334	128	1019547	48.202	ng	99
9) Benzaldehyde	6.904	77	515804	32.049	ng	96
10) Phenol	6.963	94	1284171	47.946	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	982431	45.603	ng	97
12) 1,3-Dichlorobenzene	7.657	146	1055739	44.647	ng	98
13) 1,4-Dichlorobenzene	7.804	146	1085947	44.139	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1048729	44.715	ng	99
15) Benzyl Alcohol	8.004	79	843230	46.704	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	715230	47.792	ng	97
17) 2-Methylphenol	8.204	107	846340	47.891	ng	99
18) Hexachloroethane	8.851	117	403890	45.332	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	708387	45.730	ng	98
20) 3+4-Methylphenols	8.533	107	1131847	47.871	ng	98
22) Acetophenone	8.586	105	1454601	46.318	ng	# 99
24) Nitrobenzene	8.957	77	1057551	48.109	ng	97
25) Isophorone	9.486	82	1969912	47.220	ng	99
26) 2-Nitrophenol	9.669	139	472285	49.772	ng	99
27) 2,4-Dimethylphenol	9.733	122	963560	49.422	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1298501	47.646	ng	99
29) 2,4-Dichlorophenol	10.204	162	903658	50.086	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	926996	46.171	ng	99
31) Naphthalene	10.604	128	2974404	45.765	ng	99
32) Benzoic acid	9.863	122	640105	52.242	ng	99
33) 4-Chloroaniline	10.704	127	568403	20.514	ng	99
34) Hexachlorobutadiene	10.904	225	541097	45.310	ng	100
35) Caprolactam	11.480	113	292927m	51.211	ng	
36) 4-Chloro-3-methylphenol	11.833	107	971490	50.462	ng	100
37) 2-Methylnaphthalene	12.221	142	1860745	47.458	ng	99
38) 1-Methylnaphthalene	12.439	142	1952531	46.919	ng	99
40) 1,2,4,5-Tetrachloroben...	12.592	216	1005342	46.817	ng	99
41) Hexachlorocyclopentadiene	12.580	237	1304356	100.018	ng	98
43) 2,4,6-Trichlorophenol	12.827	196	711376	50.375	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	784491	50.597	ng	98
46) 1,1'-Biphenyl	13.233	154	2623701	47.117	ng	99
47) 2-Chloronaphthalene	13.274	162	2017409	46.601	ng	99
48) 2-Nitroaniline	13.468	65	527217	55.341	ng	98
49) Acenaphthylene	14.121	152	3401925	48.585	ng	100
50) Dimethylphthalate	13.863	163	2523932	50.184	ng	100
51) 2,6-Dinitrotoluene	13.968	165	543164	53.553	ng	97
52) Acenaphthene	14.462	154	2318364m	52.935	ng	
53) 3-Nitroaniline	14.292	138	316006	27.955	ng	99
54) 2,4-Dinitrophenol	14.498	184	635352	114.006	ng	96
55) Dibenzofuran	14.798	168	3097423	48.342	ng	99
56) 4-Nitrophenol	14.604	139	1121805	116.598	ng	100
57) 2,4-Dinitrotoluene	14.757	165	770010	57.552	ng	98
58) Fluorene	15.445	166	2402646	48.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	698096	52.041	ng	92
60) Diethylphthalate	15.233	149	2578921	51.680	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1160537	48.930	ng	99
62) 4-Nitroaniline	15.457	138	566413	53.462	ng	99
63) Azobenzene	15.739	77	2507403	50.272	ng	100
65) 4,6-Dinitro-2-methylph...	15.515	198	405706	51.564	ng	96
66) n-Nitrosodiphenylamine	15.656	169	2191325	48.414	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	746039	48.565	ng	98
68) Hexachlorobenzene	16.451	284	875561	48.784	ng	96
69) Atrazine	16.609	200	773565	53.638	ng	99
70) Pentachlorophenol	16.786	266	1257952	107.804	ng	100
71) Phenanthrene	17.180	178	3971003	48.255	ng	100
72) Anthracene	17.268	178	4042950	49.109	ng	100
73) Carbazole	17.533	167	3834360	51.125	ng	100
74) Di-n-butylphthalate	18.115	149	4430714	54.294	ng	100
75) Fluoranthene	19.192	202	4523643	52.126	ng	99
77) Benzidine	19.374	184	1694498	39.989	ng	100
78) Pyrene	19.556	202	4807428	47.334	ng	100
80) Butylbenzylphthalate	20.468	149	1912953	56.466	ng	99
81) Benzo(a)anthracene	21.356	228	4718074	49.467	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	927690	31.895	ng	100
83) Chrysene	21.415	228	4478849	49.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2985953	57.220	ng	99
85) Di-n-octyl phthalate	22.438	149	4874152	62.946	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5729953	53.920	ng	100
88) Benzo(b)fluoranthene	23.415	252	4765849	49.666	ng	100
89) Benzo(k)fluoranthene	23.480	252	4799784	48.998	ng	100
90) Benzo(a)pyrene	24.209	252	4602184	51.011	ng	99
91) Dibenzo(a,h)anthracene	27.773	278	4653553	53.949	ng	99
92) Benzo(g,h,i)perylene	28.756	276	4644096	53.792	ng	100

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

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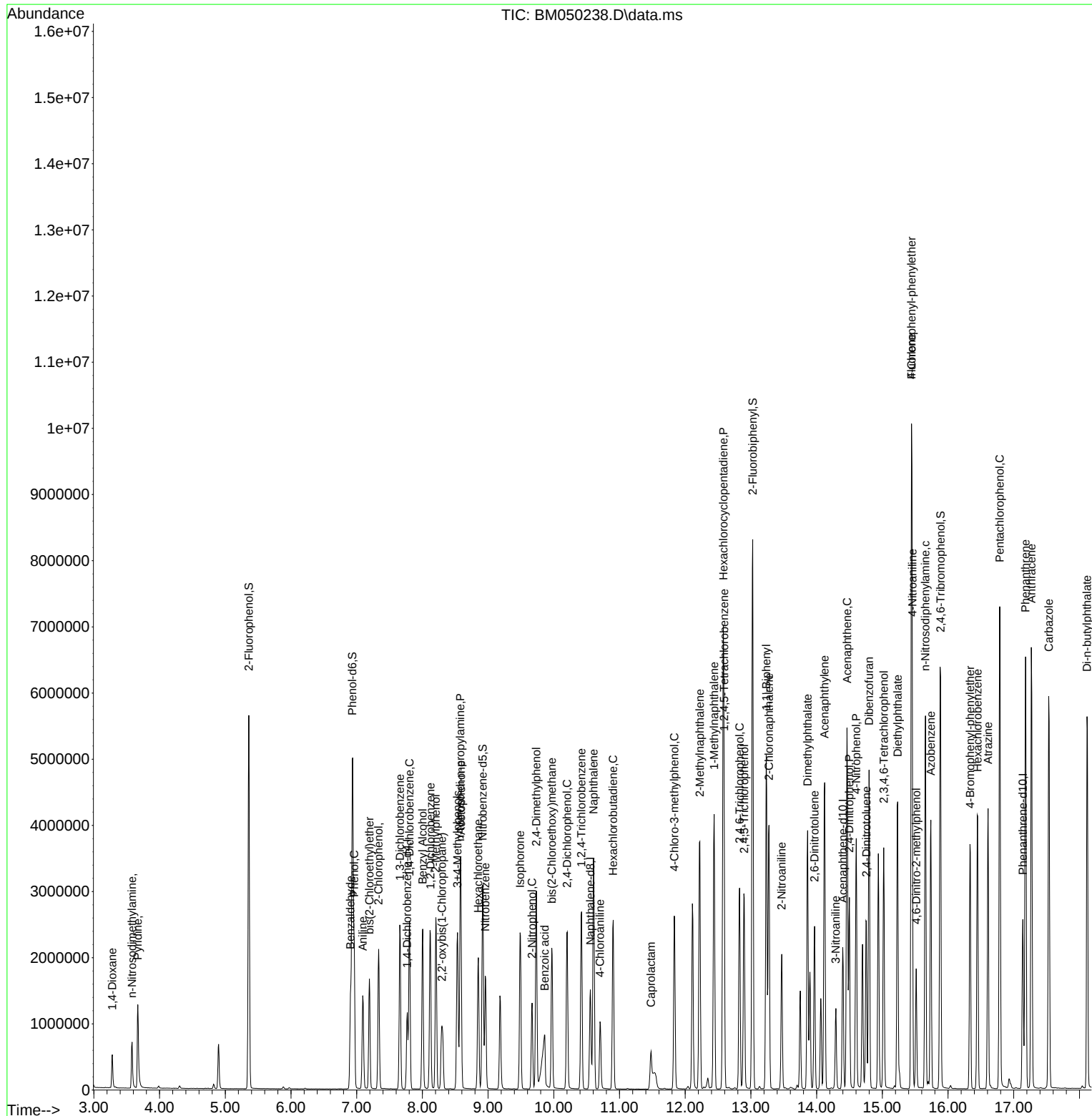
Quant Time: Jun 09 12:47:48 2025

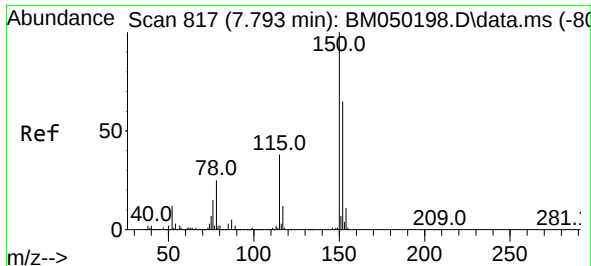
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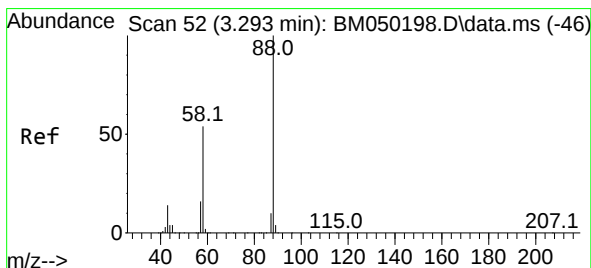
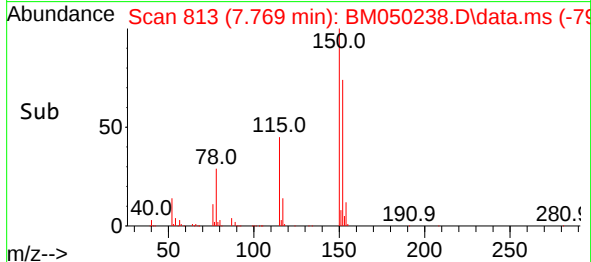
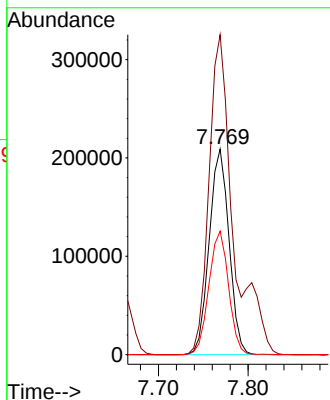
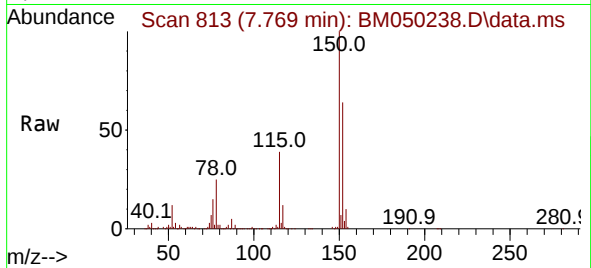
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

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ClientSampleId :
PB168340BS

Tgt Ion:152 Resp: 320774
Ion Ratio Lower Upper
152 100
150 155.6 122.2 183.4
115 60.0 46.3 69.5

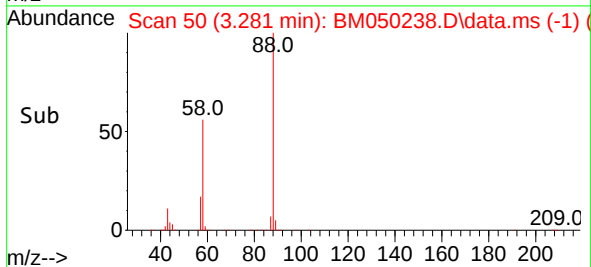
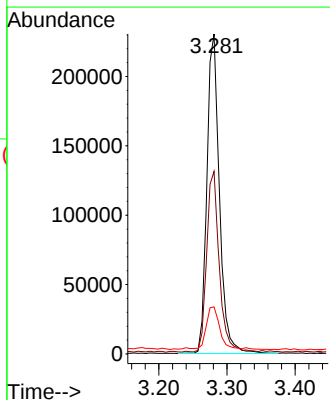
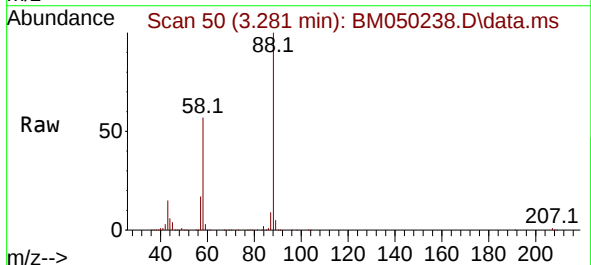
Manual Integrations
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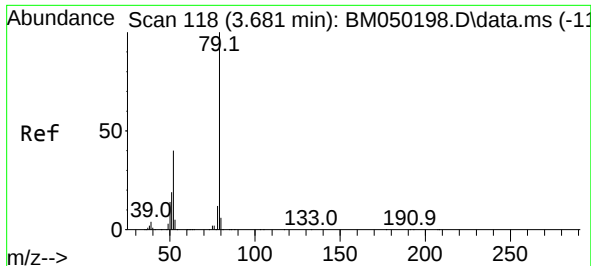
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 34.865 ng
RT: 3.281 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

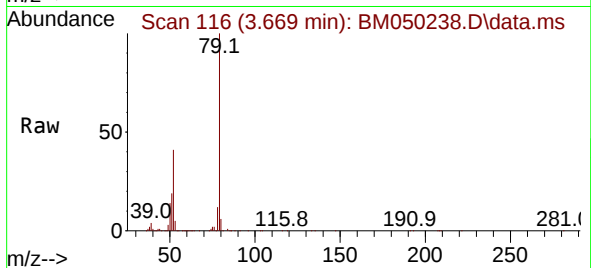
Tgt Ion: 88 Resp: 293881
Ion Ratio Lower Upper
88 100
58 56.7 42.9 64.3
43 13.5 11.0 16.6





#3
Pyridine
Concen: 39.320 ng
RT: 3.669 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

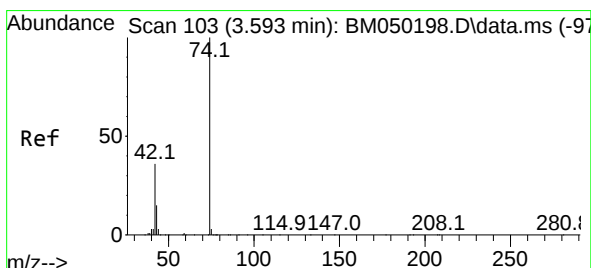
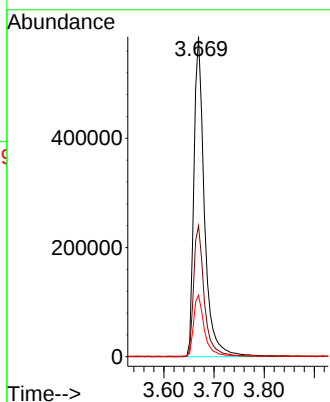
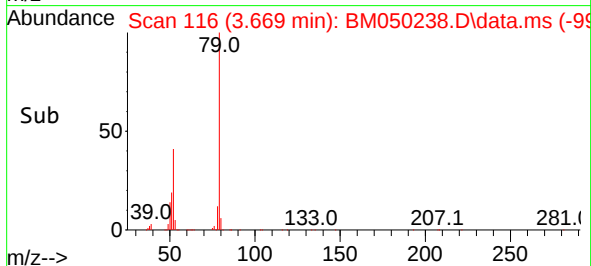
Instrument :
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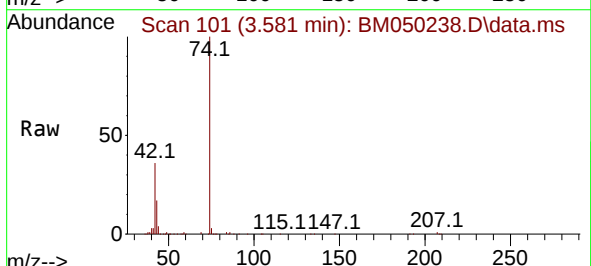
Tgt Ion: 79 Resp: 858280
Ion Ratio Lower Upper
79 100
52 40.9 32.1 48.1
51 19.2 15.4 23.0

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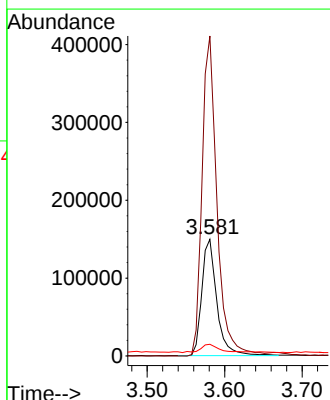
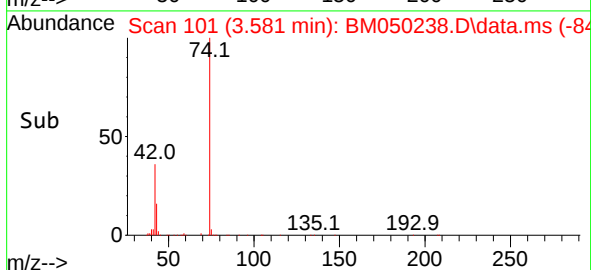
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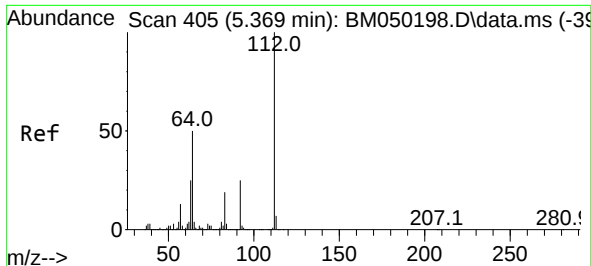


#4
n-Nitrosodimethylamine
Concen: 44.828 ng
RT: 3.581 min Scan# 101
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



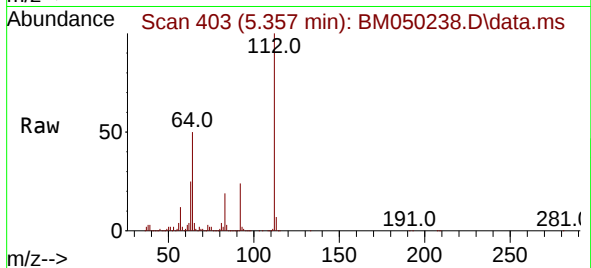
Tgt Ion: 42 Resp: 202342
Ion Ratio Lower Upper
42 100
74 274.3 222.0 333.0
44 10.0 7.0 10.6





#5
2-Fluorophenol
Concen: 137.206 ng
RT: 5.357 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

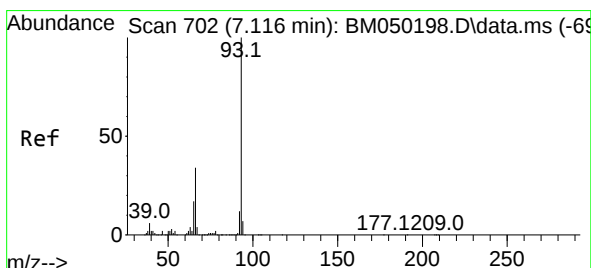
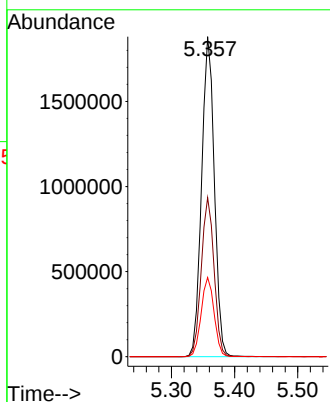
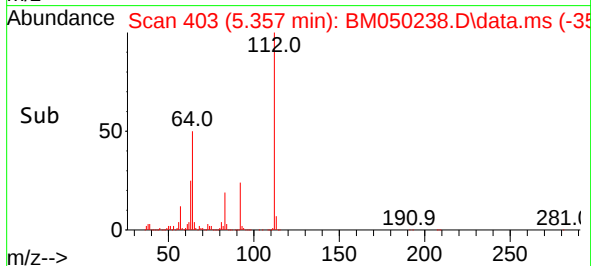
Instrument :
BNA_M
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Tgt Ion:112 Resp: 2638389
Ion Ratio Lower Upper
112 100
64 49.7 39.8 59.6
63 24.7 19.8 29.8

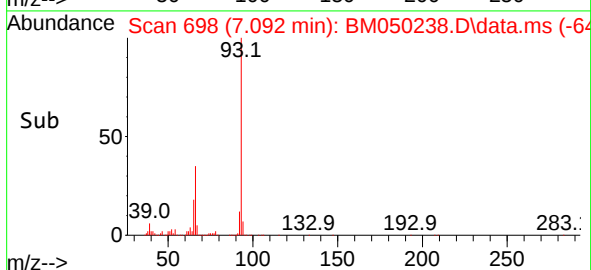
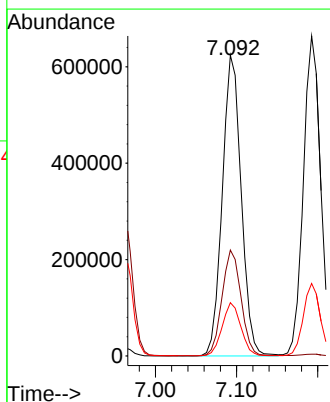
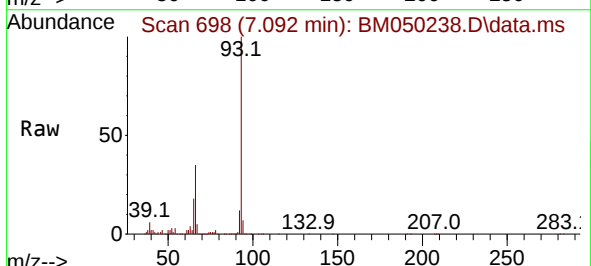
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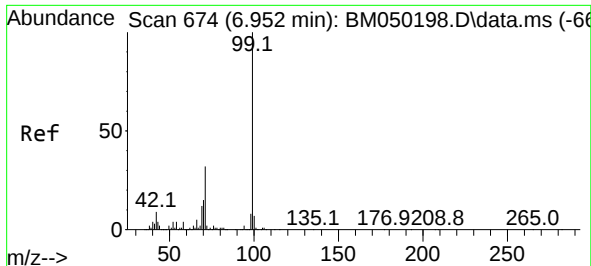
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 30.231 ng
RT: 7.092 min Scan# 698
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion: 93 Resp: 1011663
Ion Ratio Lower Upper
93 100
66 35.2 27.4 41.2
65 17.7 13.6 20.4





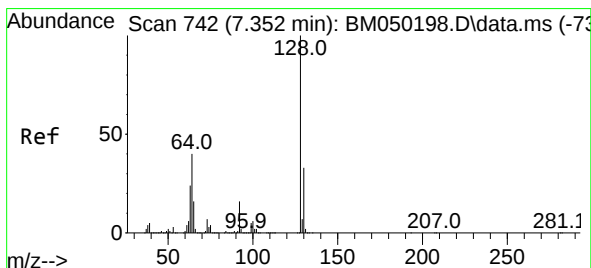
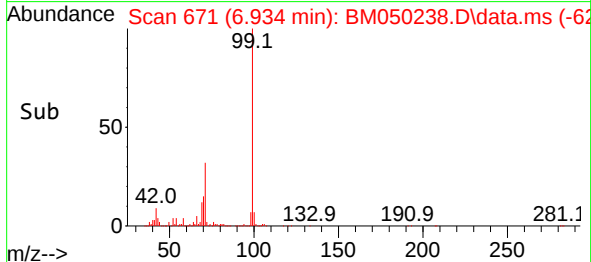
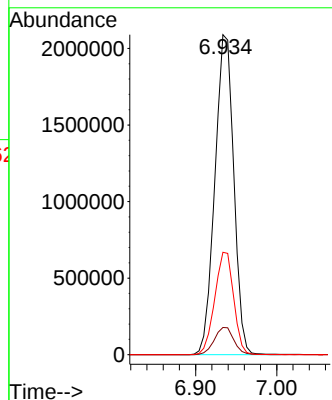
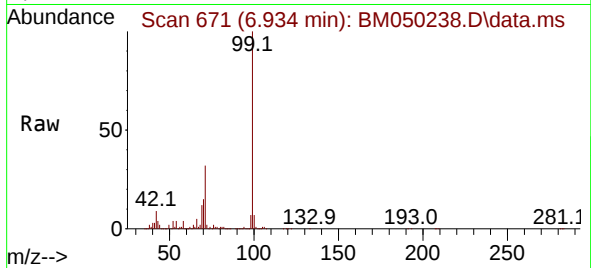
#7
Phenol-d6
Concen: 133.698 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

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Tgt Ion: 99 Resp: 338438
Ion Ratio Lower Upper
99 100
42 8.5 6.9 10.3
71 32.0 25.3 37.9

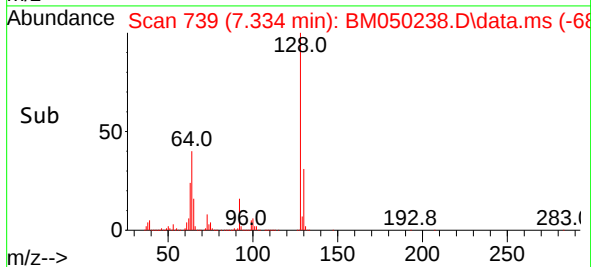
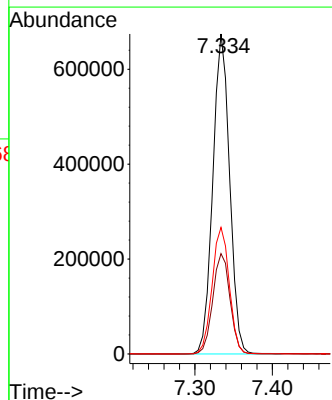
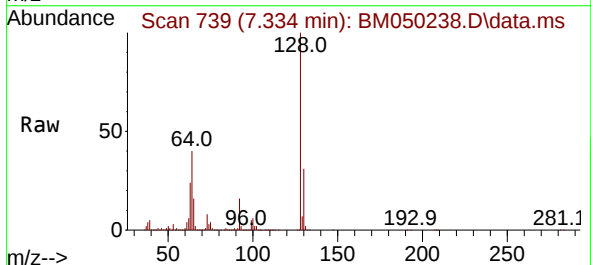
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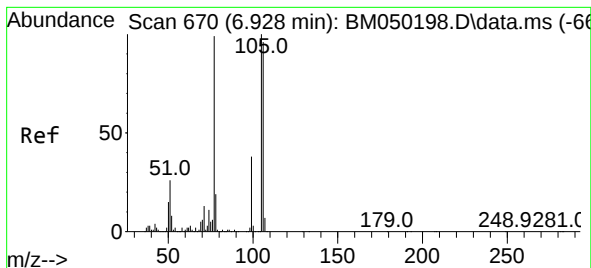
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#8
2-Chlorophenol
Concen: 48.202 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.000 min
Lab File: BM050238.D
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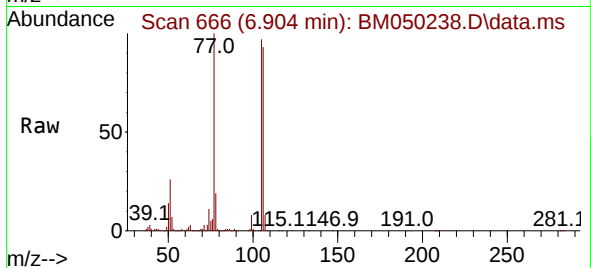
Tgt Ion:128 Resp: 1019547
Ion Ratio Lower Upper
128 100
130 31.4 12.6 52.6
64 39.6 19.8 59.8





#9
Benzaldehyde
Concen: 32.049 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM050238.D
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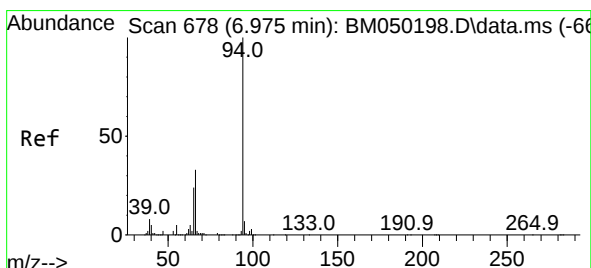
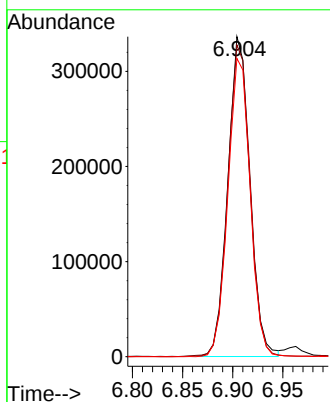
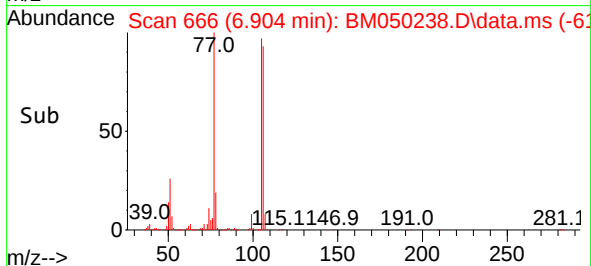
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Tgt Ion: 77 Resp: 515804
Ion Ratio Lower Upper
77 100
105 97.4 80.9 120.9
106 93.2 77.1 117.1

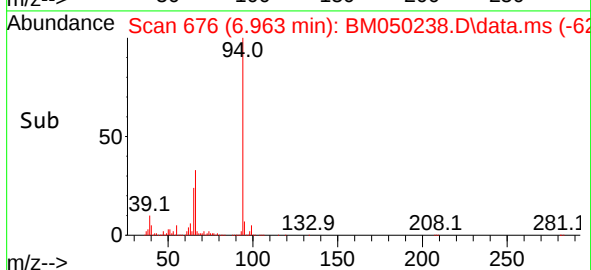
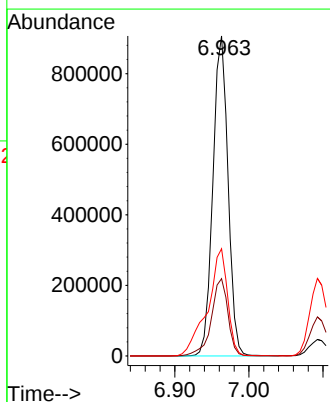
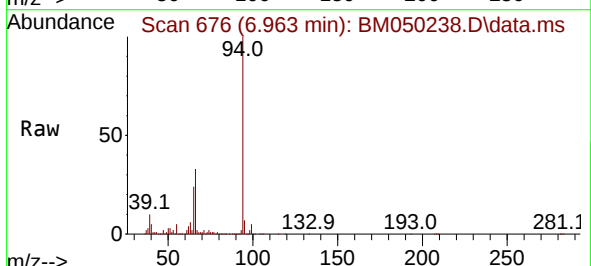
Manual Integrations
APPROVED

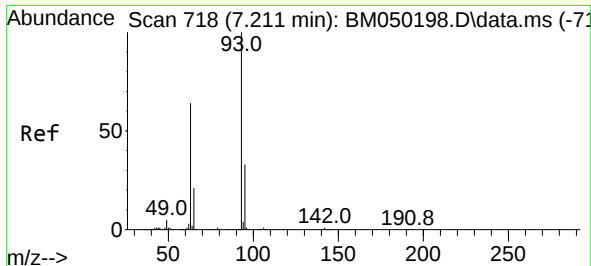
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 47.946 ng
RT: 6.963 min Scan# 676
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

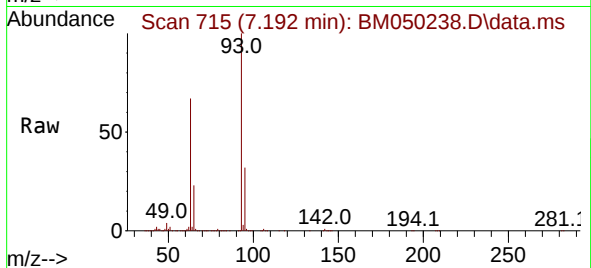
Tgt Ion: 94 Resp: 1284171
Ion Ratio Lower Upper
94 100
65 24.2 4.3 44.3
66 33.5 12.9 52.9





#11
bis(2-Chloroethyl)ether
Concen: 45.603 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

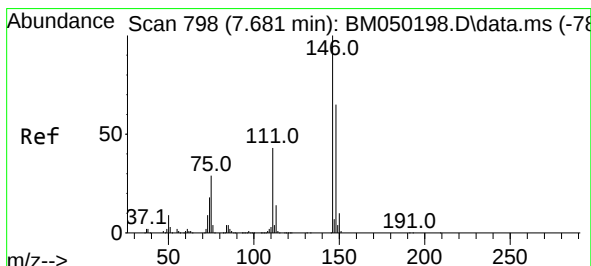
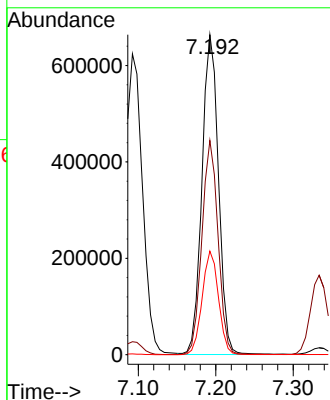
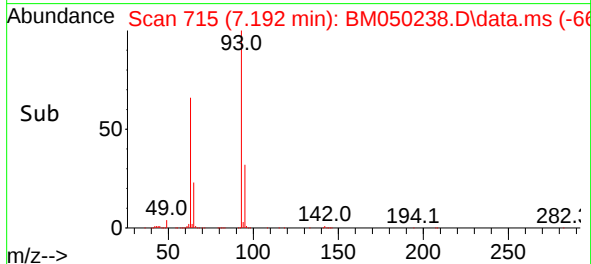
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion: 93 Resp: 98243
Ion Ratio Lower Upper
93 100
63 67.0 43.9 83.9
95 32.4 12.7 52.7

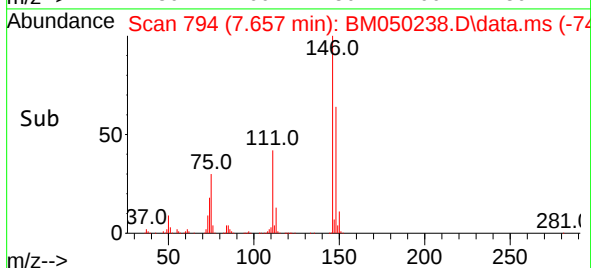
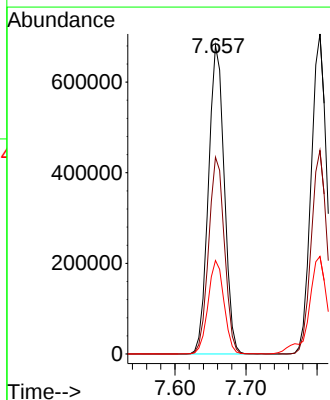
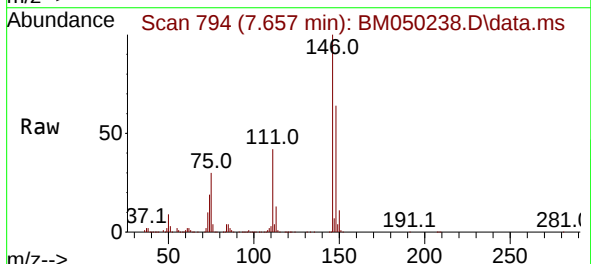
Manual Integrations
APPROVED

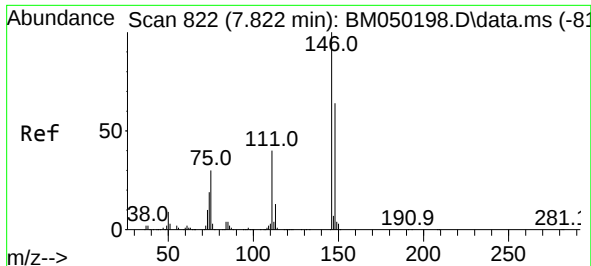
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
1,3-Dichlorobenzene
Concen: 44.647 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:146 Resp: 1055739
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 30.3 23.4 35.0





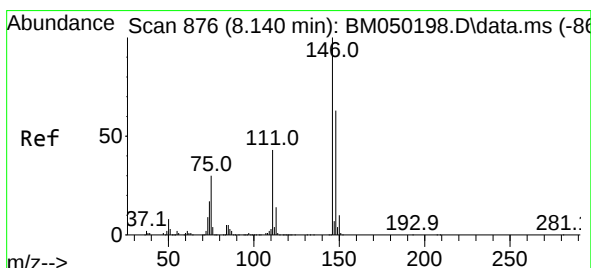
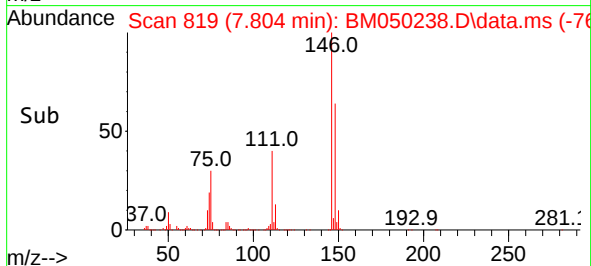
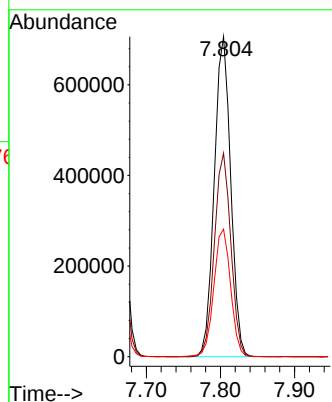
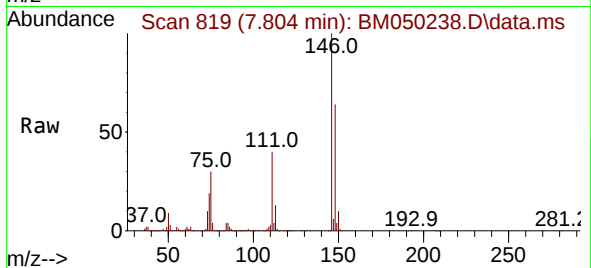
#13
1,4-Dichlorobenzene
Concen: 44.139 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Tgt Ion:146 Resp: 108594
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 39.9 32.3 48.5

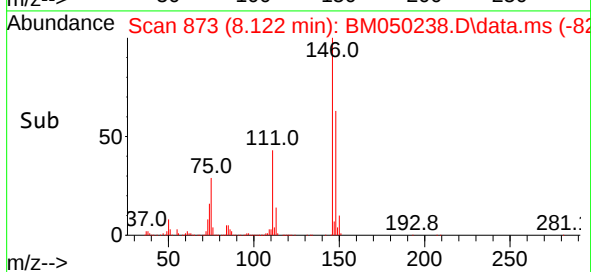
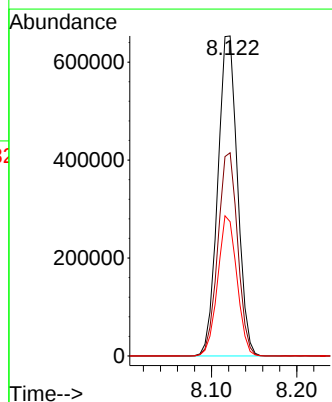
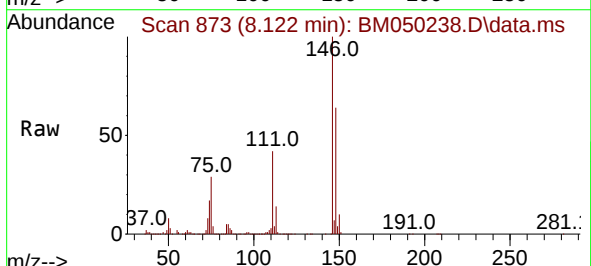
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#14
1,2-Dichlorobenzene
Concen: 44.715 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

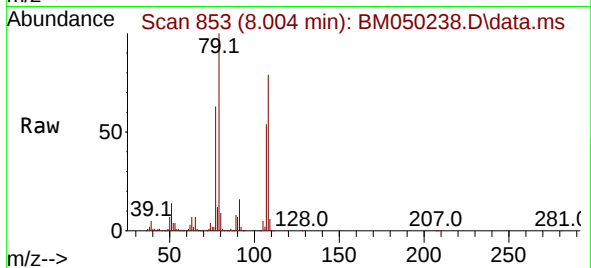
Tgt Ion:146 Resp: 1048729
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 41.9 34.3 51.5





#15
Benzyl Alcohol
Concen: 46.704 ng
RT: 8.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

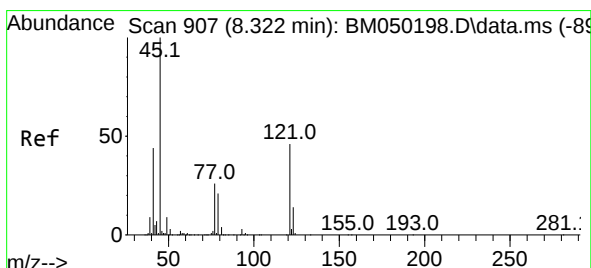
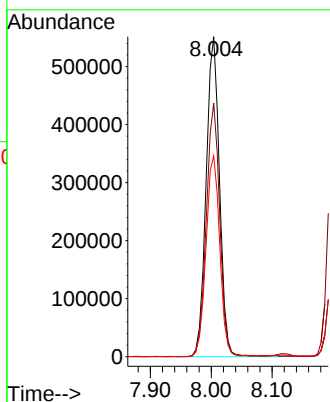
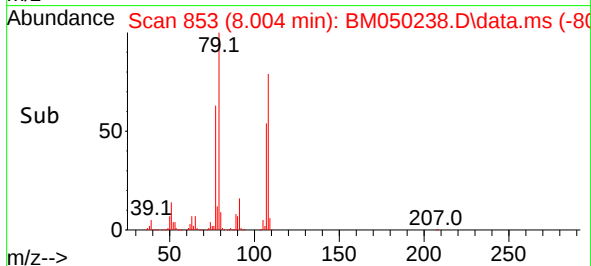
Instrument :
BNA_M
ClientSampleId :
PB168340BS



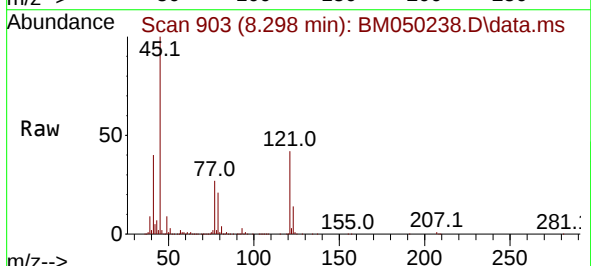
Tgt Ion: 79 Resp: 843230
Ion Ratio Lower Upper
79 100
108 79.2 64.0 96.0
77 62.7 52.2 78.2

Manual Integrations
APPROVED

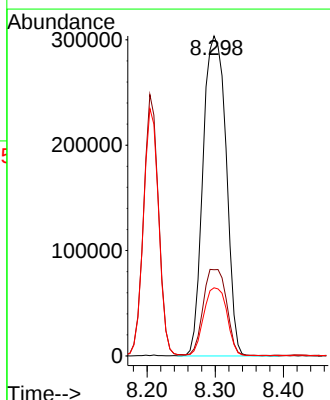
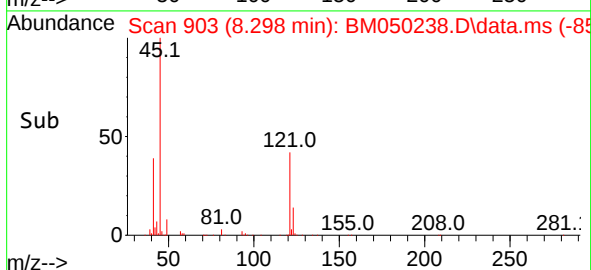
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

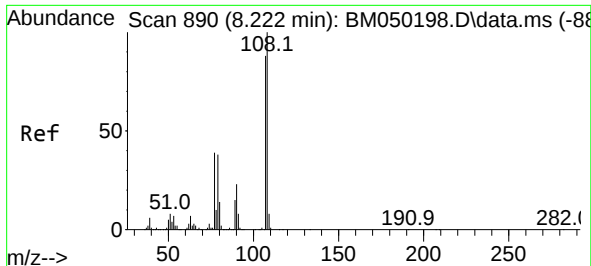


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.792 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



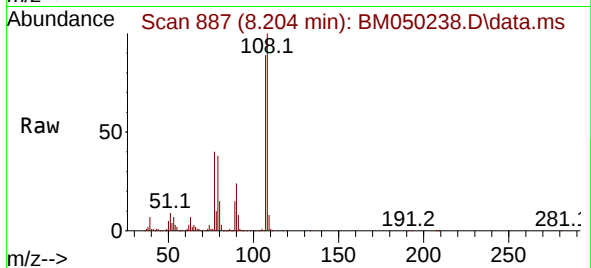
Tgt Ion: 45 Resp: 715230
Ion Ratio Lower Upper
45 100
77 27.0 8.7 48.7
79 21.3 2.7 42.7





#17
2-Methylphenol
Concen: 47.891 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

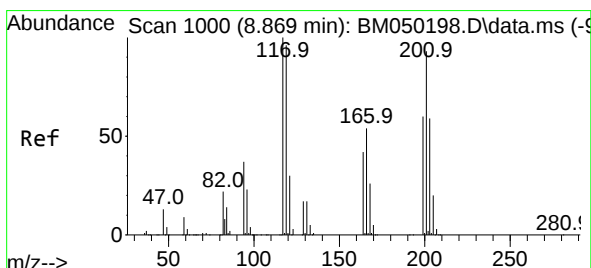
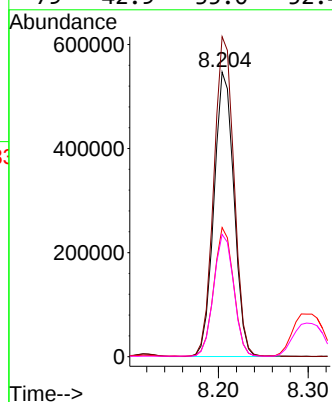
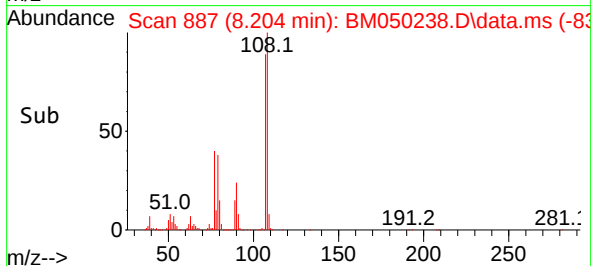
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:107 Resp: 846340
Ion Ratio Lower Upper
107 100
108 112.4 90.8 136.2
77 45.4 35.7 53.5
79 42.9 35.0 52.4

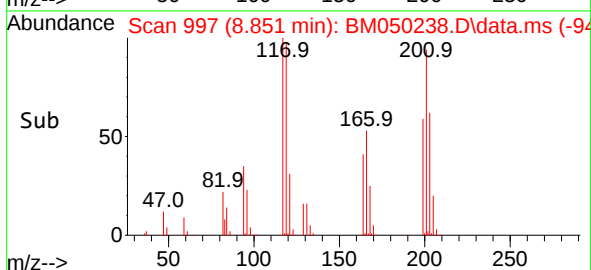
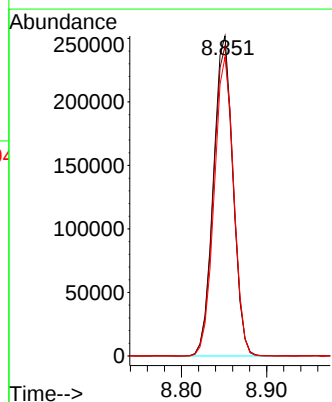
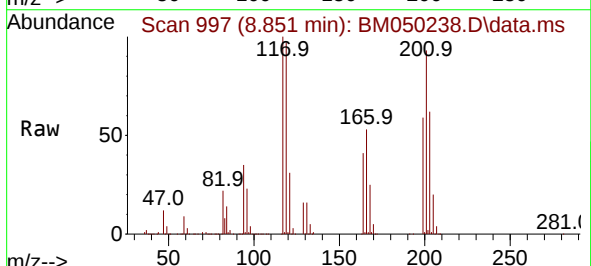
Manual Integrations
APPROVED

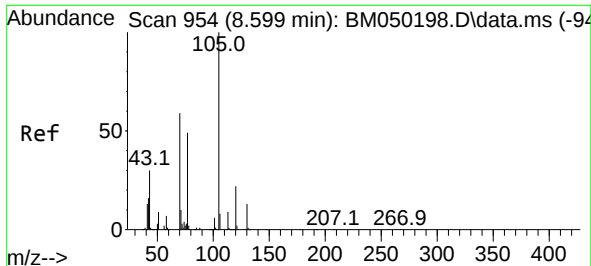
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#18
Hexachloroethane
Concen: 45.332 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

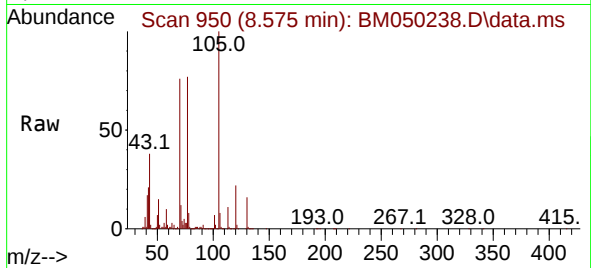
Tgt Ion:117 Resp: 403890
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6
201 93.5 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.730 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

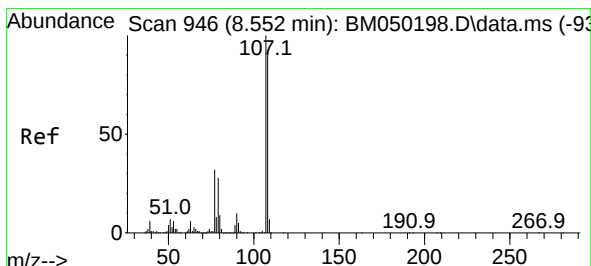
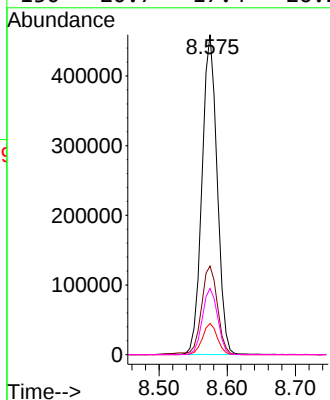
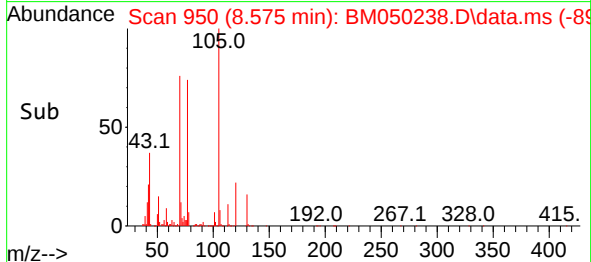
Instrument :
BNA_M
ClientSampleId :
PB168340BS



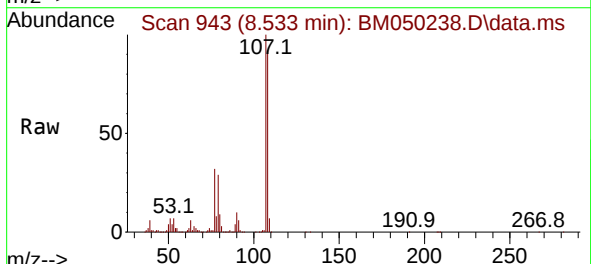
Tgt Ion: 70 Resp: 70838
Ion Ratio Lower Upper
70 100
42 27.7 22.6 33.8
101 9.7 8.3 12.5
130 20.7 17.4 26.2

Manual Integrations
APPROVED

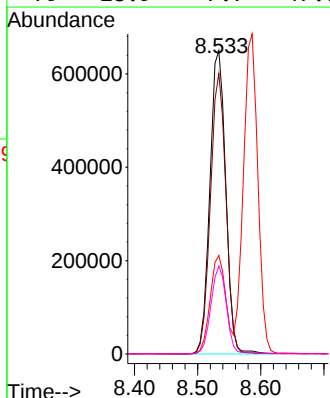
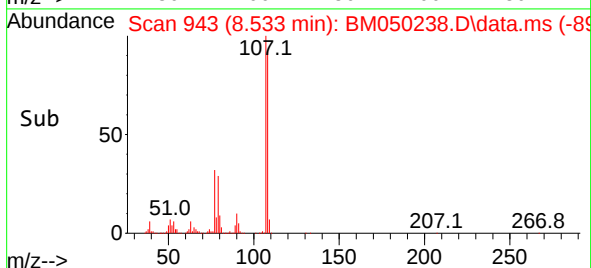
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

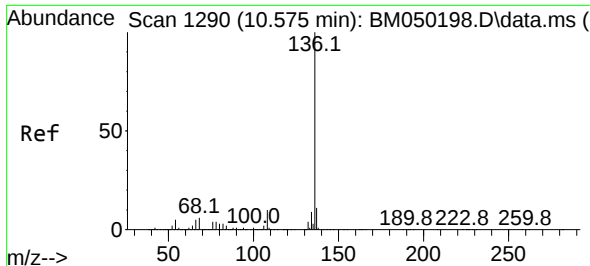


#20
3+4-Methylphenols
Concen: 47.871 ng
RT: 8.533 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



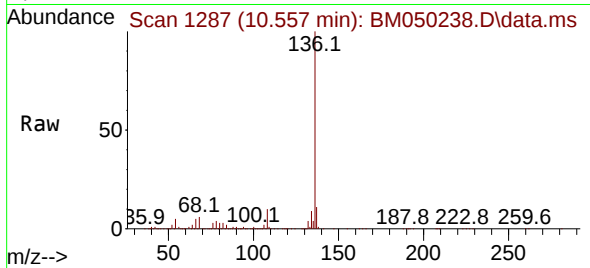
Tgt Ion:107 Resp: 1131847
Ion Ratio Lower Upper
107 100
108 92.4 70.4 110.4
77 32.4 12.2 52.2
79 28.9 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

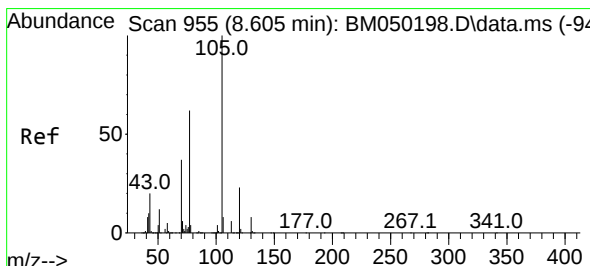
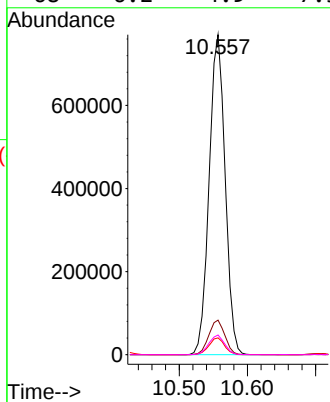
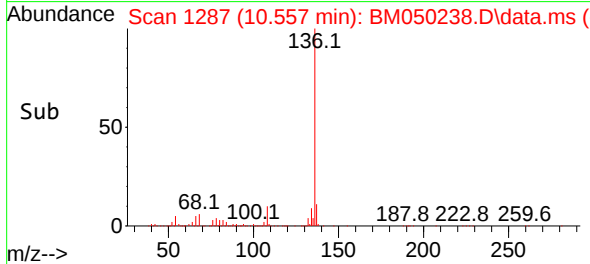
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:136 Resp: 125705
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.3 3.8 5.8
68 6.2 4.9 7.3

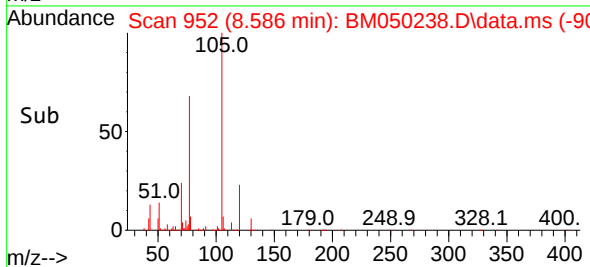
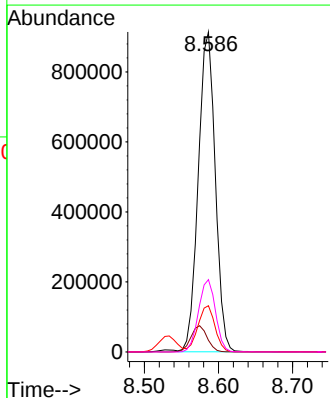
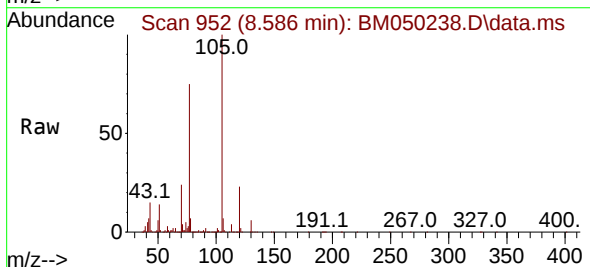
Manual Integrations
APPROVED

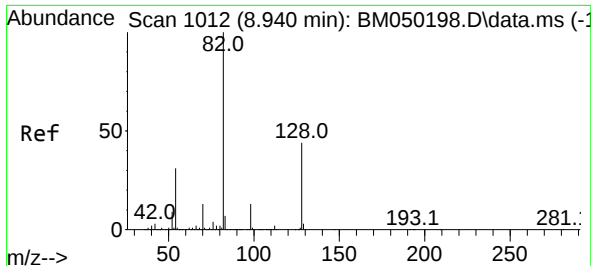
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Acetophenone
Concen: 46.318 ng
RT: 8.586 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

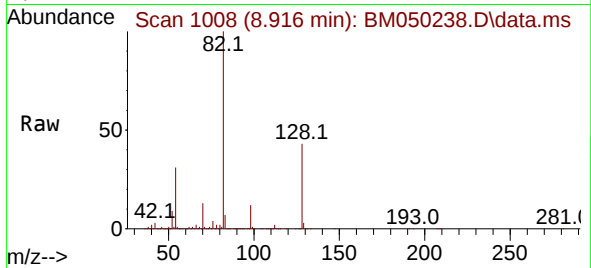
Tgt Ion:105 Resp: 1454601
Ion Ratio Lower Upper
105 100
71 3.7 5.0 7.4#
51 14.5 11.4 17.2
120 22.6 18.2 27.4





#23
Nitrobenzene-d5
Concen: 83.837 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

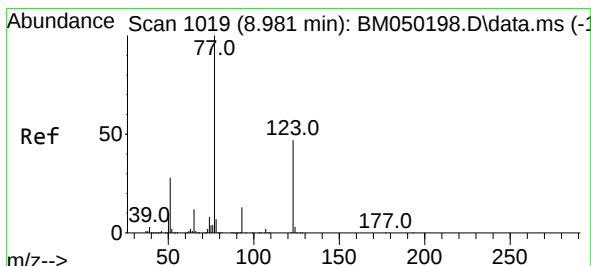
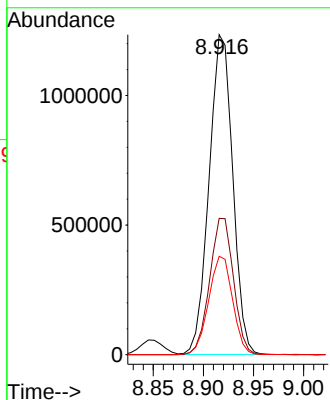
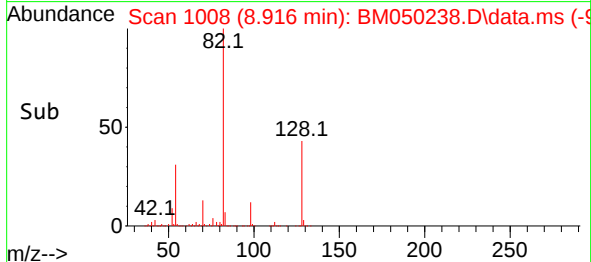
Instrument :
BNA_M
ClientSampleId :
PB168340BS



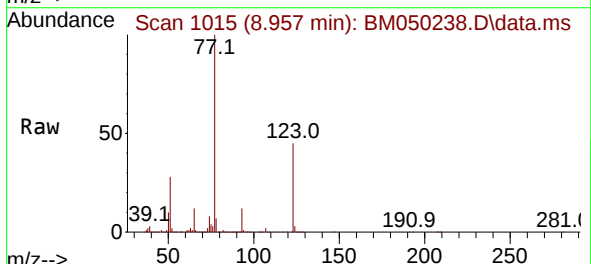
Tgt Ion: 82 Resp: 202637
Ion Ratio Lower Upper
82 100
128 42.6 35.2 52.8
54 30.8 24.5 36.7

Manual Integrations
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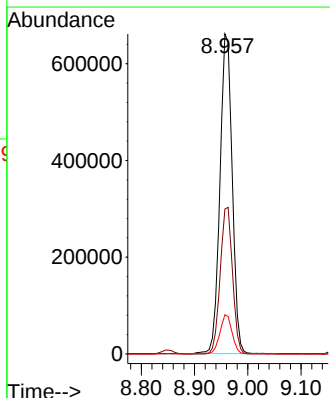
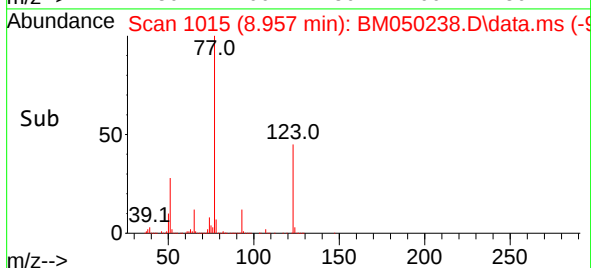
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

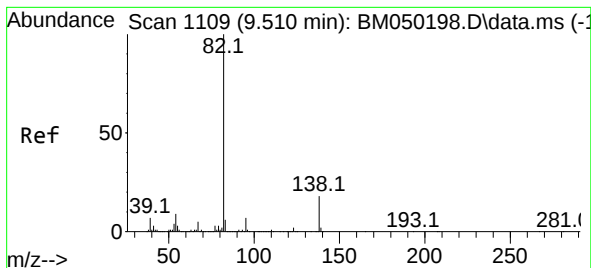


#24
Nitrobenzene
Concen: 48.109 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



Tgt Ion: 77 Resp: 1057551
Ion Ratio Lower Upper
77 100
123 45.3 38.2 57.2
65 12.2 9.5 14.3





#25

Isophorone

Concen: 47.220 ng

RT: 9.486 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Tgt Ion: 82 Resp: 196991

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

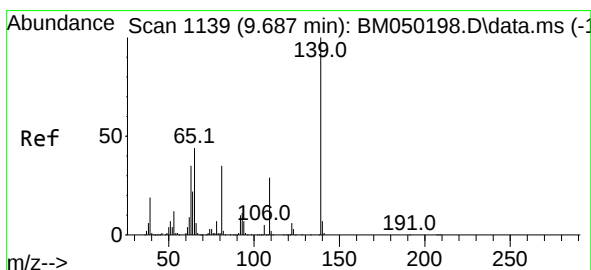
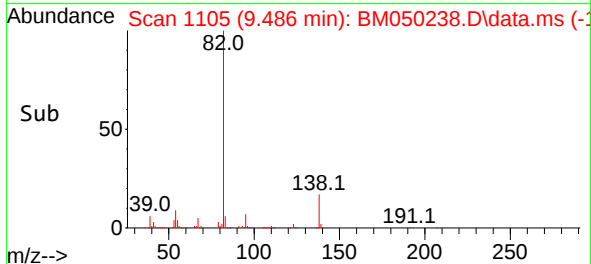
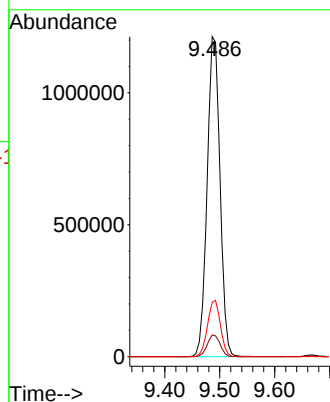
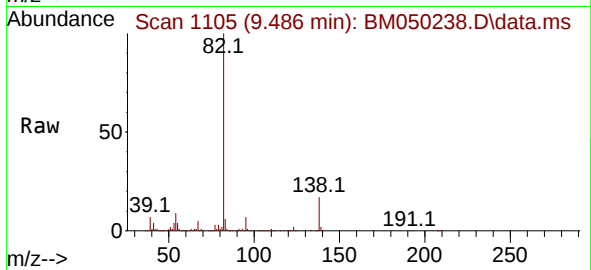
138 17.0 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#26

2-Nitrophenol

Concen: 49.772 ng

RT: 9.669 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

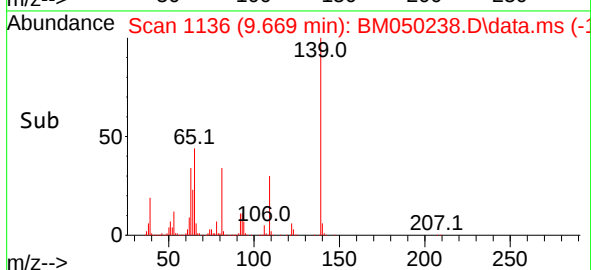
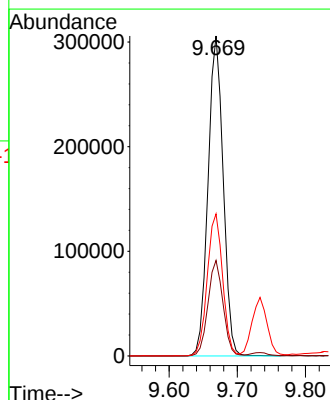
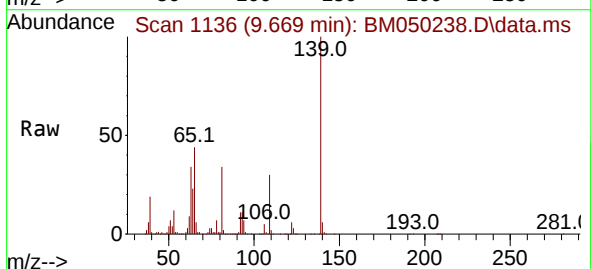
Tgt Ion:139 Resp: 472285

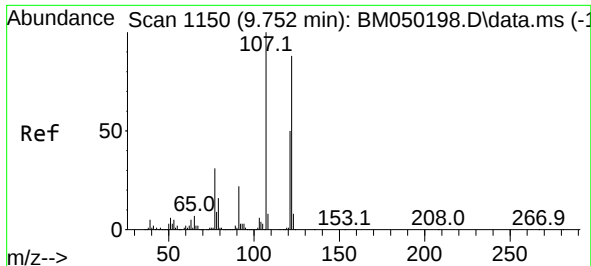
Ion Ratio Lower Upper

139 100

109 29.8 23.3 34.9

65 44.4 35.2 52.8





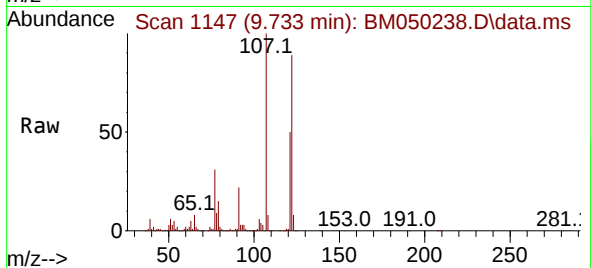
#27
2,4-Dimethylphenol
Concen: 49.422 ng
RT: 9.733 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS



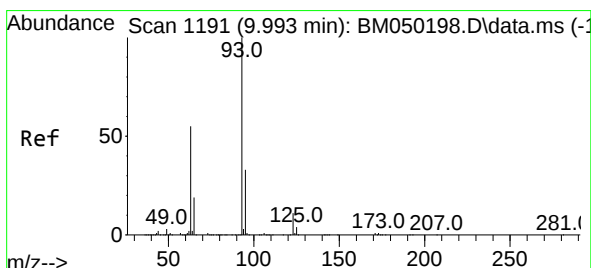
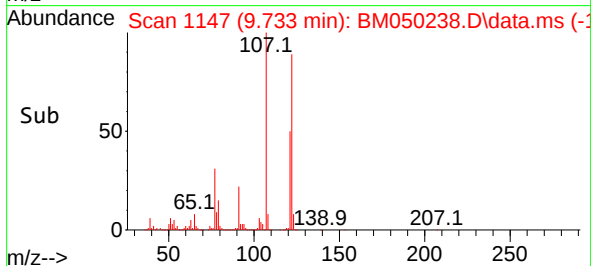
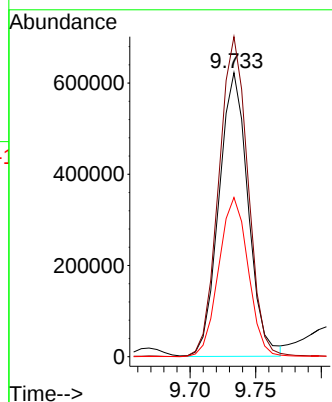
Tgt Ion:122 Resp: 963560
Ion Ratio Lower Upper
122 100
107 112.7 91.0 136.6
121 56.1 45.8 68.6

Manual Integrations

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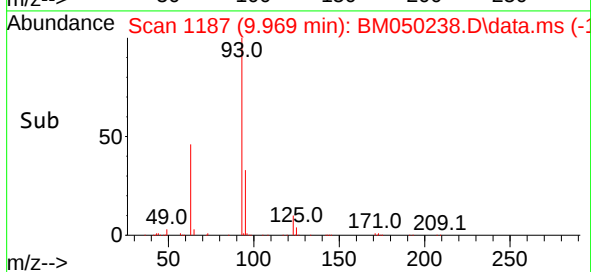
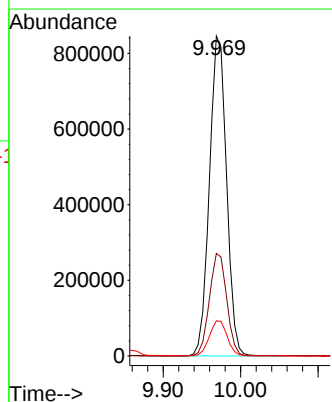
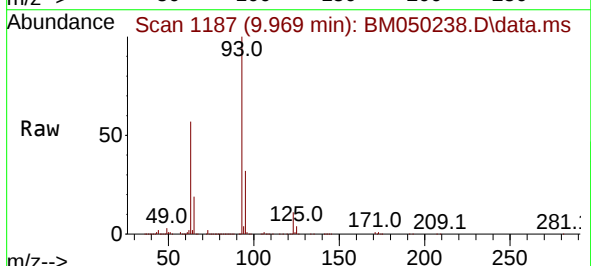
Reviewed By :Rahul Chavli 06/10/2025

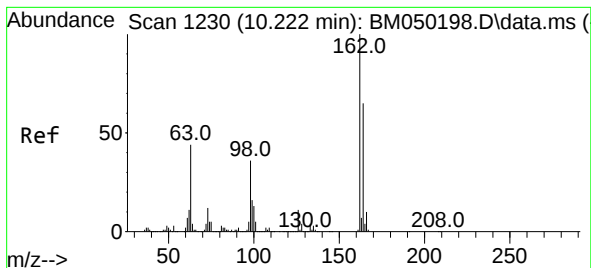
Supervised By :Jagrut Upadhyay 06/10/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.646 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

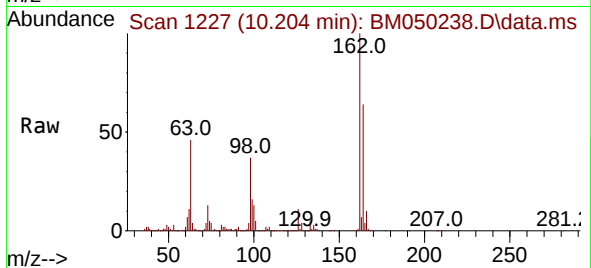
Tgt Ion: 93 Resp: 1298501
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.4
123 11.0 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 50.086 ng
RT: 10.204 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

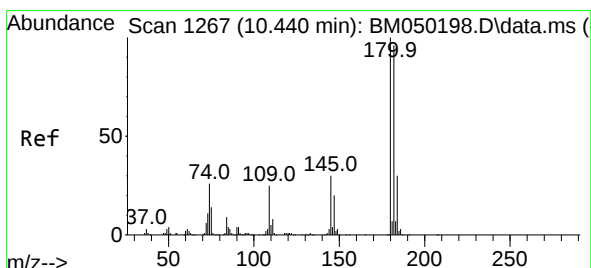
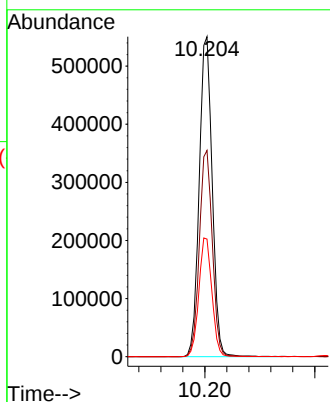
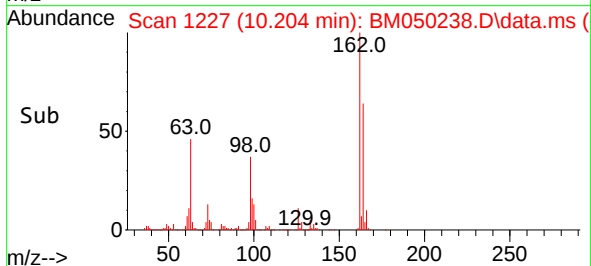
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:162 Resp: 903658
Ion Ratio Lower Upper
162 100
164 64.5 45.0 85.0
98 36.7 16.3 56.3

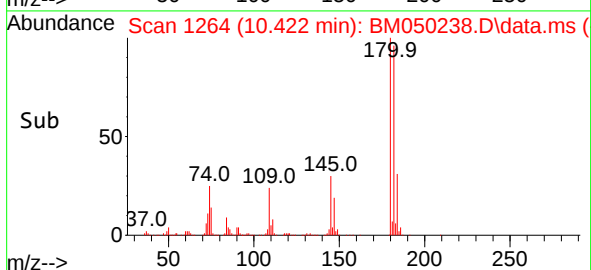
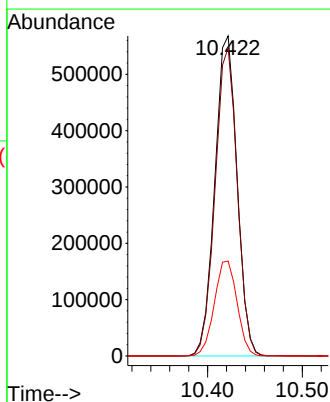
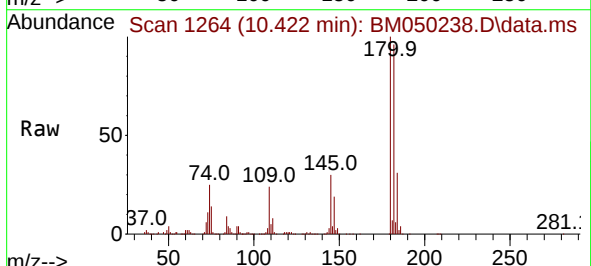
Manual Integrations
APPROVED

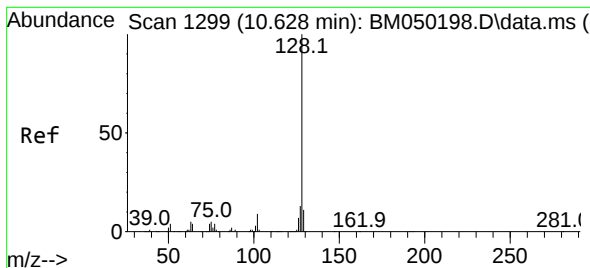
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.171 ng
RT: 10.422 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

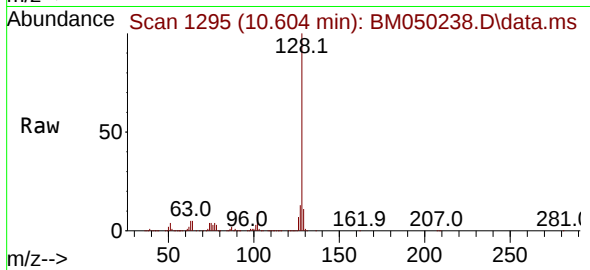
Tgt Ion:180 Resp: 926996
Ion Ratio Lower Upper
180 100
182 96.4 76.6 114.8
145 29.7 24.2 36.4





#31
Naphthalene
Concen: 45.765 ng
RT: 10.604 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

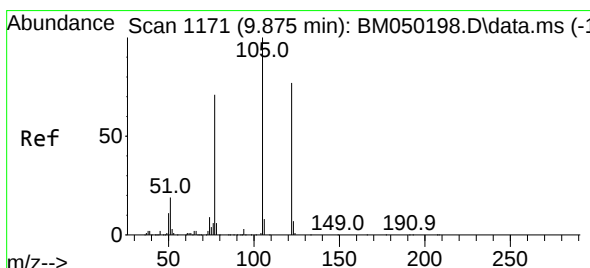
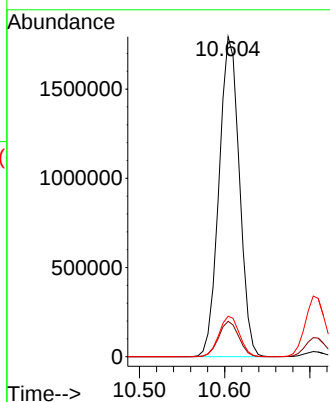
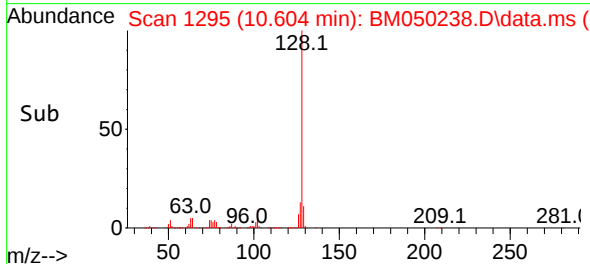
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:128 Resp: 2974404
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.6 10.2 15.4

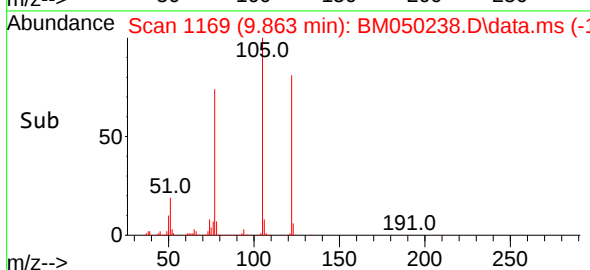
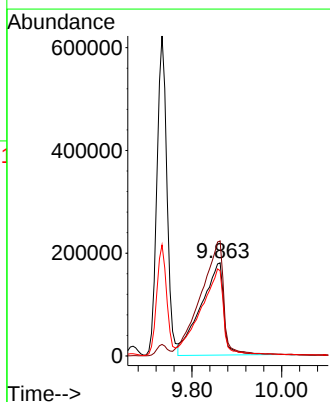
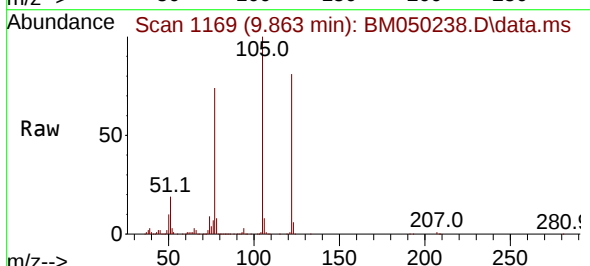
Manual Integrations
APPROVED

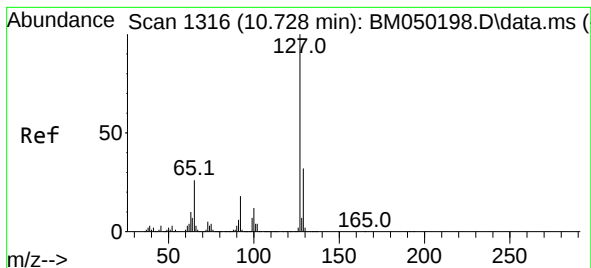
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 52.242 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.018 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:122 Resp: 640105
Ion Ratio Lower Upper
122 100
105 123.4 103.4 143.4
77 91.6 70.3 110.3





#33
4-Chloroaniline
Concen: 20.514 ng
RT: 10.704 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

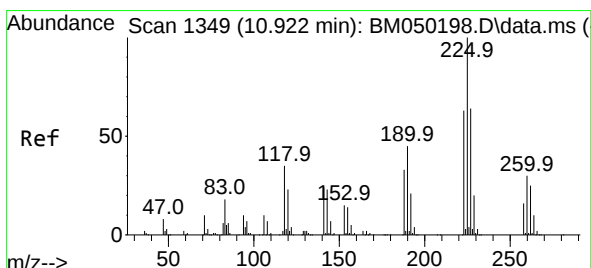
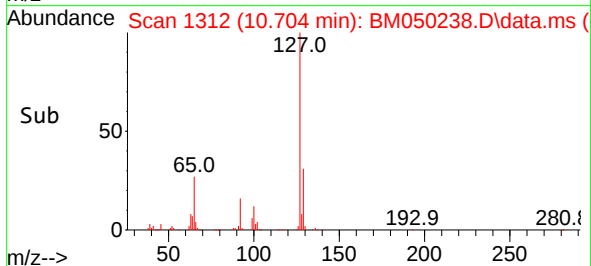
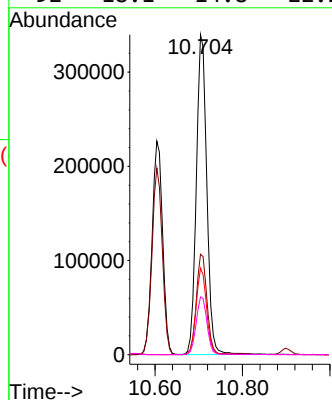
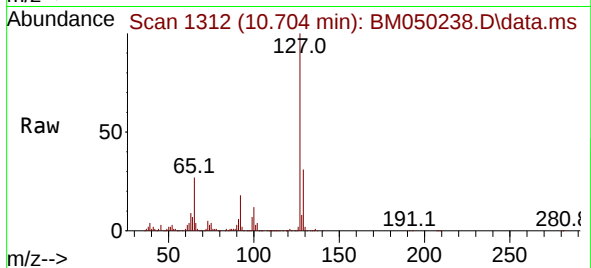
PB168340BS

Tgt Ion:127 Resp: 56840
Ion Ratio Lower Upper
127 100
129 31.4 25.4 38.0
65 27.0 21.0 31.4
92 18.1 14.8 22.2

Manual Integrations

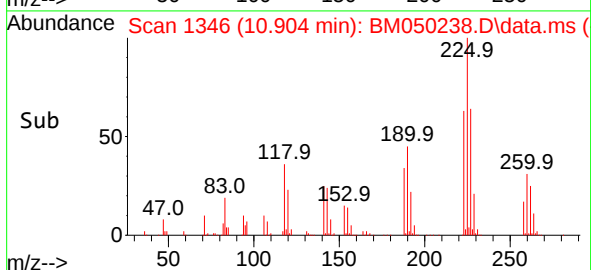
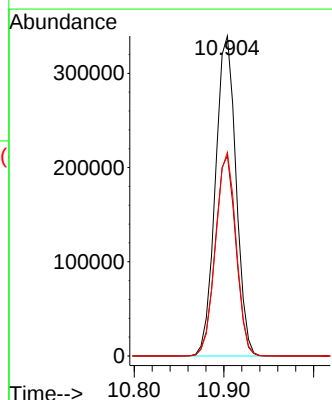
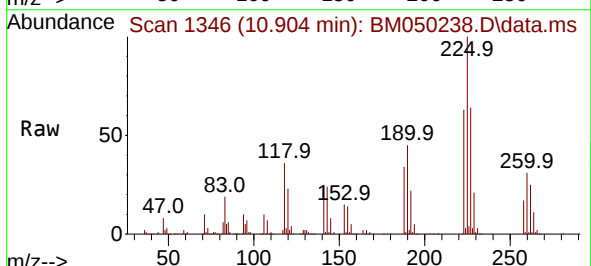
APPROVED

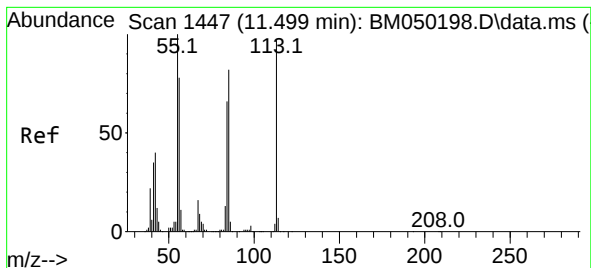
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#34
Hexachlorobutadiene
Concen: 45.310 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:225 Resp: 541097
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 63.7 51.0 76.4





#35

Caprolactam

Concen: 51.211 ng m

RT: 11.480 min Scan# 14

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Tgt Ion:113 Resp: 29292

Ion Ratio Lower Upper

113 100

55 109.8 83.5 123.5

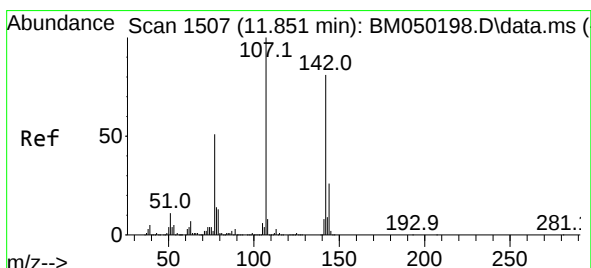
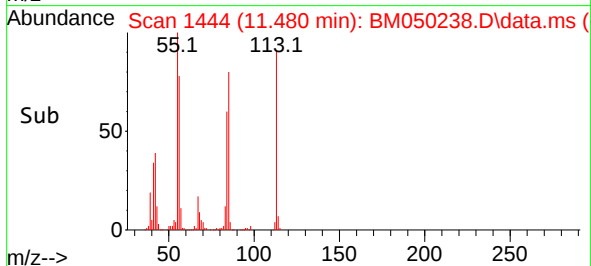
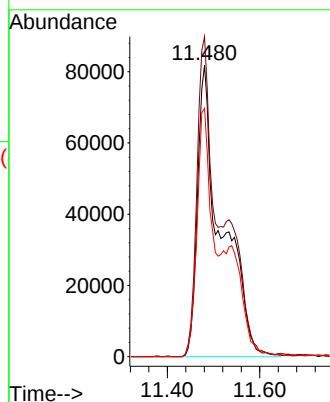
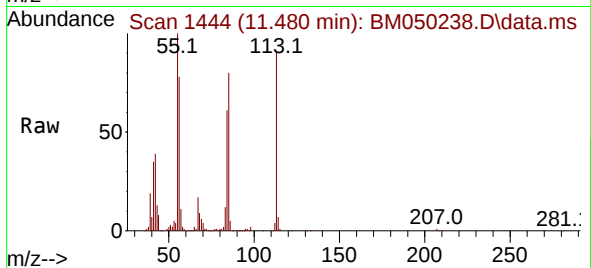
56 85.2 60.6 100.6

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#36

4-Chloro-3-methylphenol

Concen: 50.462 ng

RT: 11.833 min Scan# 1504

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

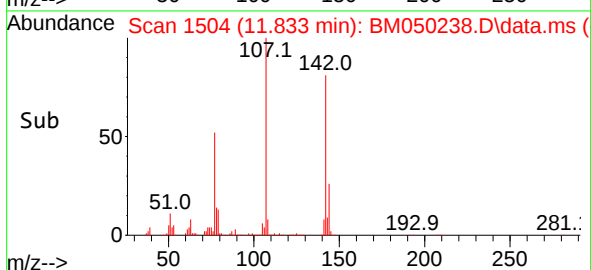
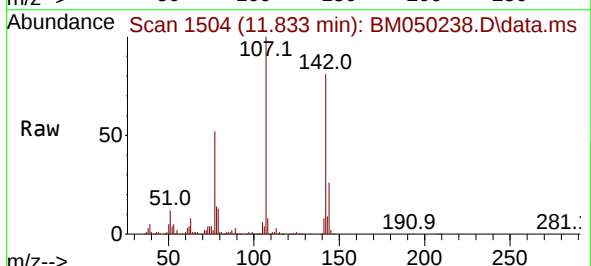
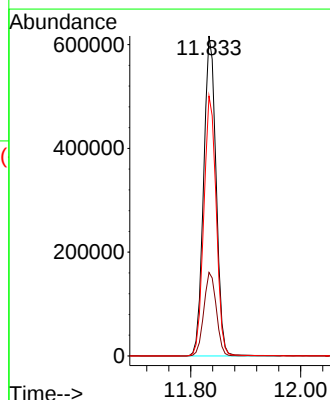
Tgt Ion:107 Resp: 971490

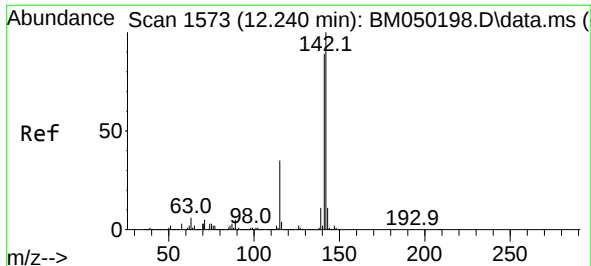
Ion Ratio Lower Upper

107 100

144 26.1 21.0 31.6

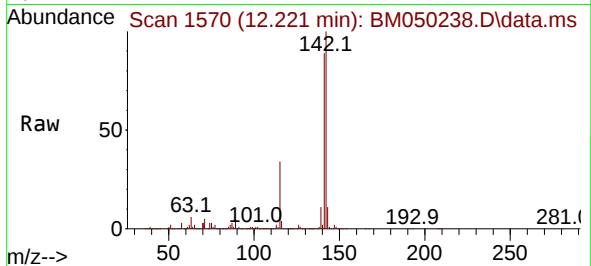
142 81.2 64.8 97.2





#37
2-Methylnaphthalene
Concen: 47.458 ng
RT: 12.221 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

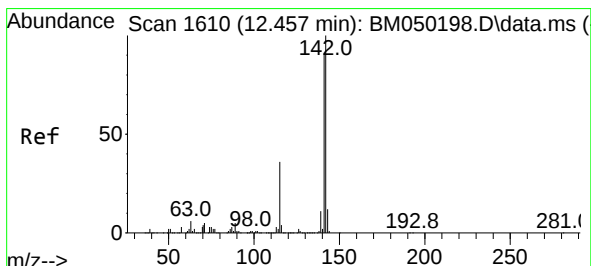
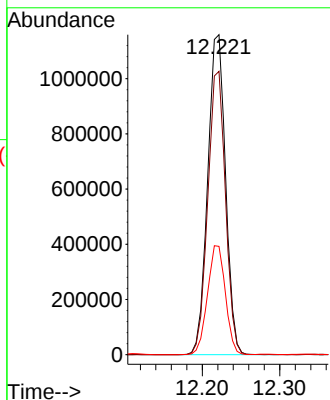
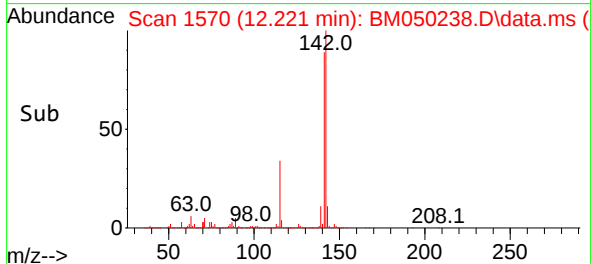
Instrument :
BNA_M
ClientSampleId :
PB168340BS



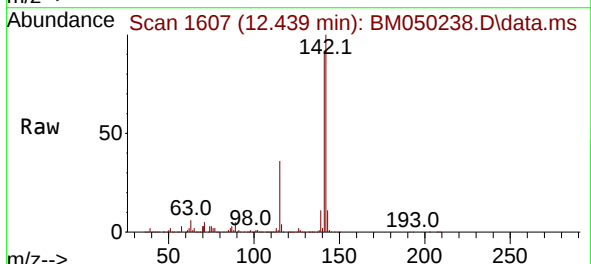
Tgt Ion:142 Resp: 1860749
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3
115 33.9 27.8 41.8

Manual Integrations
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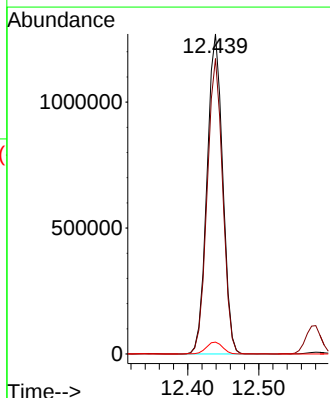
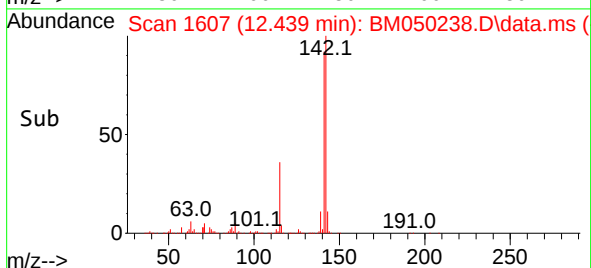
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

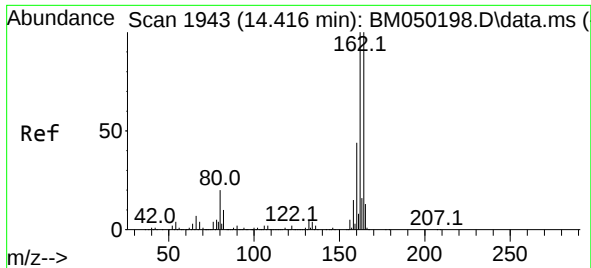


#38
1-Methylnaphthalene
Concen: 46.919 ng
RT: 12.439 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



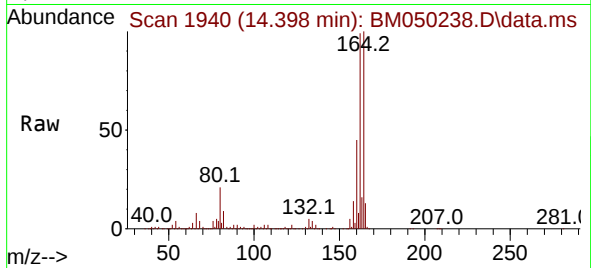
Tgt Ion:142 Resp: 1952531
Ion Ratio Lower Upper
142 100
141 92.3 72.9 109.3
116 3.7 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

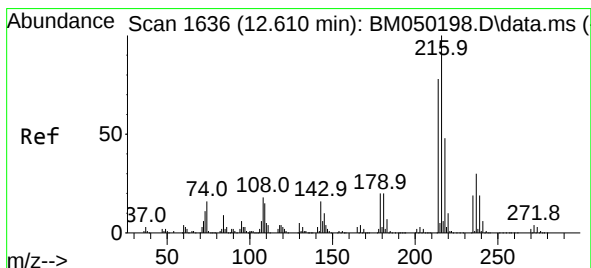
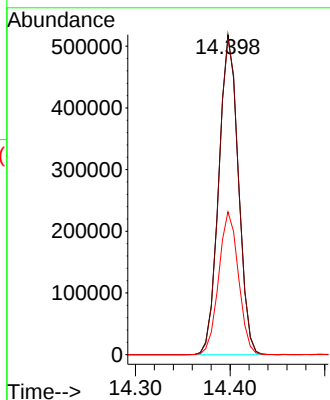
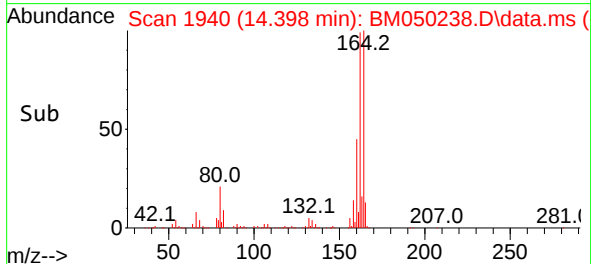
Instrument :
BNA_M
ClientSampleId :
PB168340BS



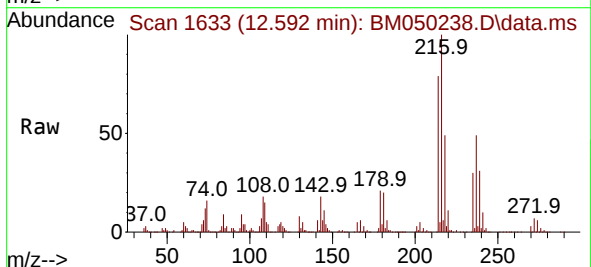
Tgt Ion:164 Resp: 743659
Ion Ratio Lower Upper
164 100
162 98.6 80.2 120.4
160 44.7 35.7 53.5

Manual Integrations
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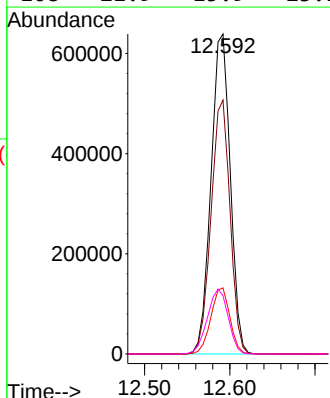
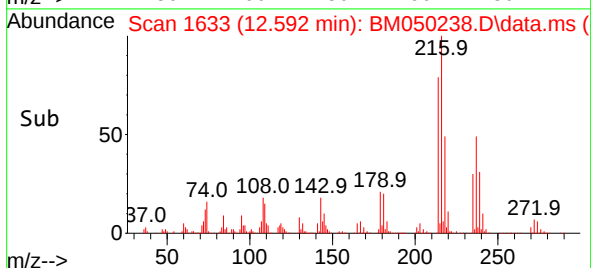
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

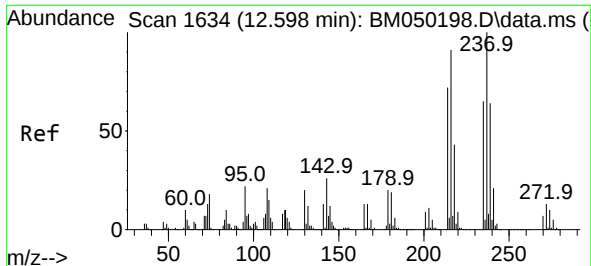


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.817 ng
RT: 12.592 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



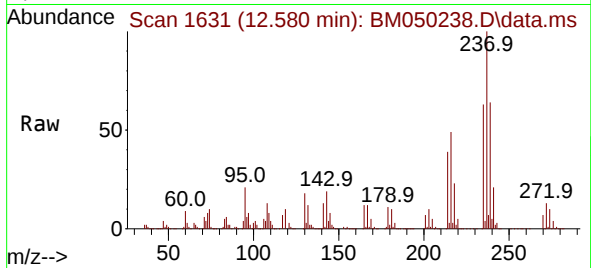
Tgt Ion:216 Resp: 1005342
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 20.4 16.6 25.0
108 21.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 100.018 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

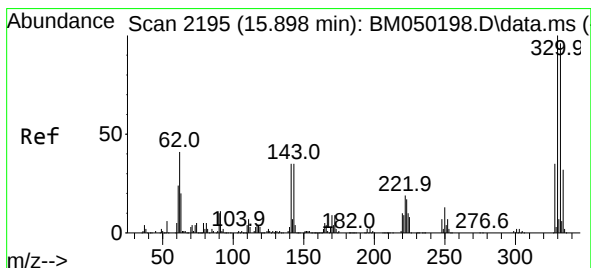
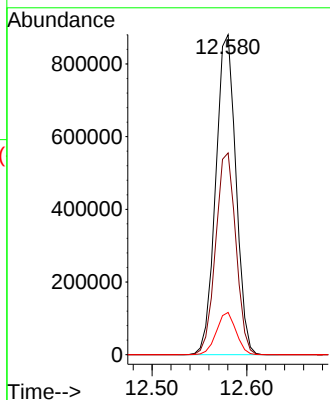
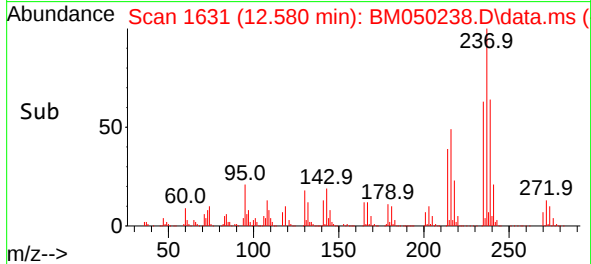
Instrument :
BNA_M
ClientSampleId :
PB168340BS



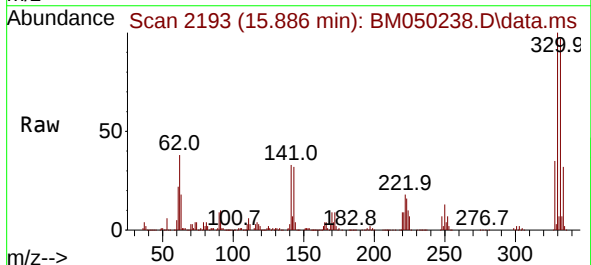
Tgt Ion:237 Resp: 1304350
Ion Ratio Lower Upper
237 100
235 63.0 44.6 84.6
272 13.2 0.0 33.1

Manual Integrations
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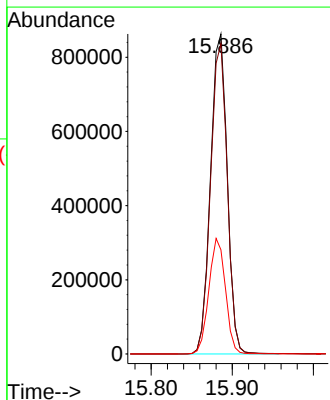
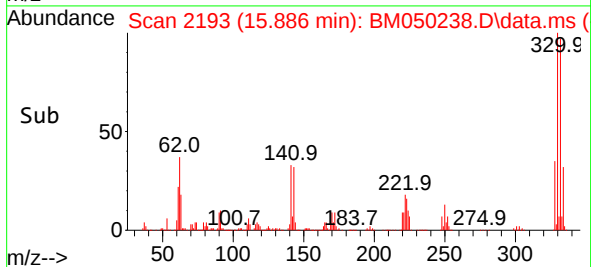
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

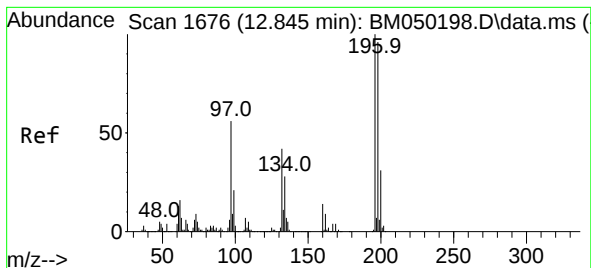


#42
2,4,6-Tribromophenol
Concen: 146.017 ng
RT: 15.886 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



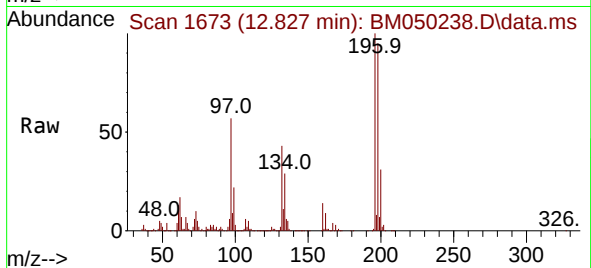
Tgt Ion:330 Resp: 1235095
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 35.9 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 50.375 ng
RT: 12.827 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

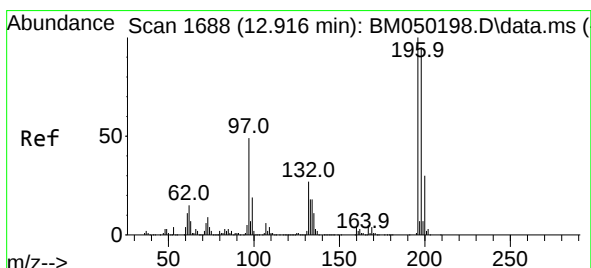
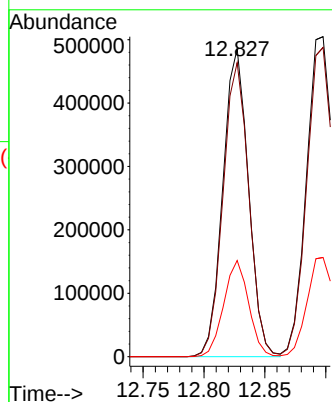
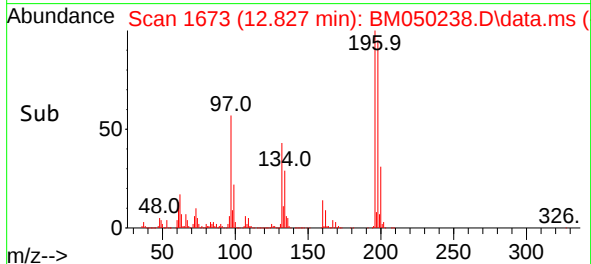
Instrument :
BNA_M
ClientSampleId :
PB168340BS



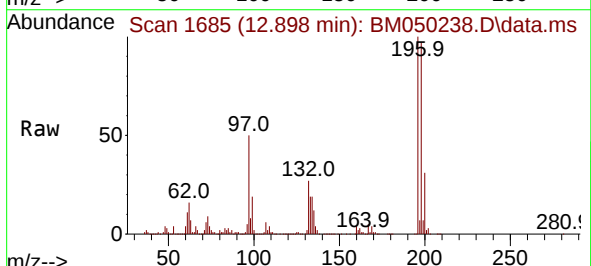
Tgt Ion:196 Resp: 711370
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
200 31.2 24.5 36.7

Manual Integrations
APPROVED

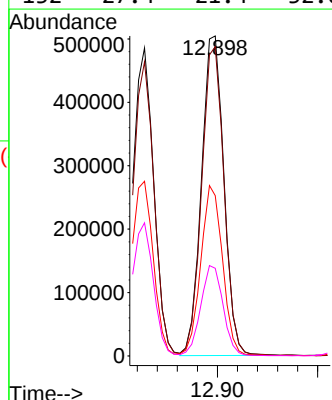
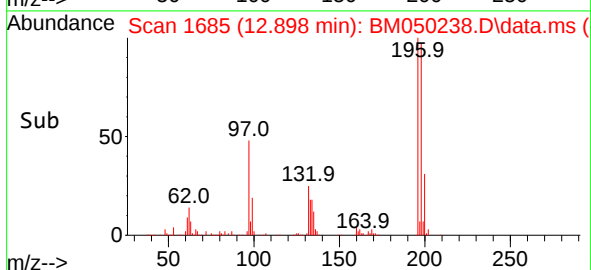
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

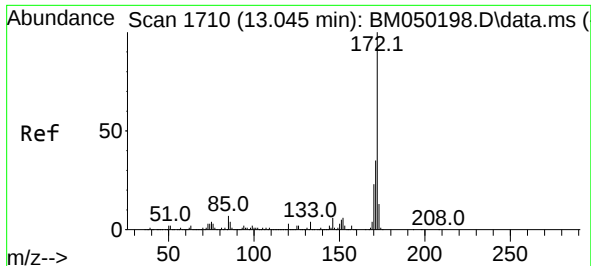


#44
2,4,5-Trichlorophenol
Concen: 50.597 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



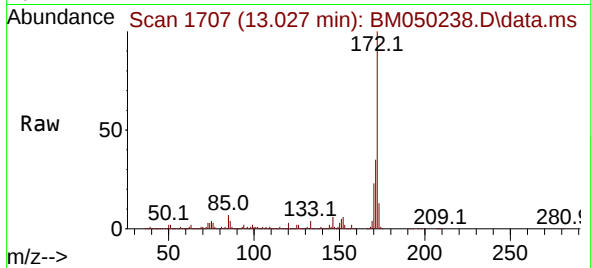
Tgt Ion:196 Resp: 784491
Ion Ratio Lower Upper
196 100
198 96.7 76.1 114.1
97 50.1 39.3 58.9
132 27.4 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 80.897 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

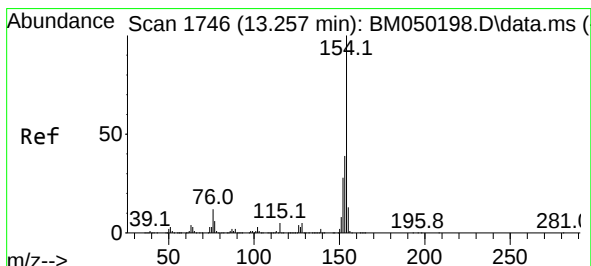
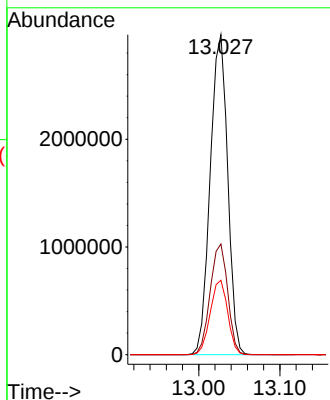
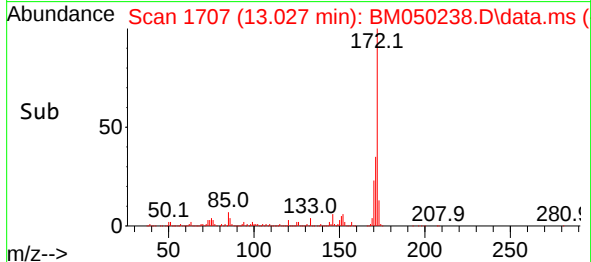
Instrument :
BNA_M
ClientSampleId :
PB168340BS



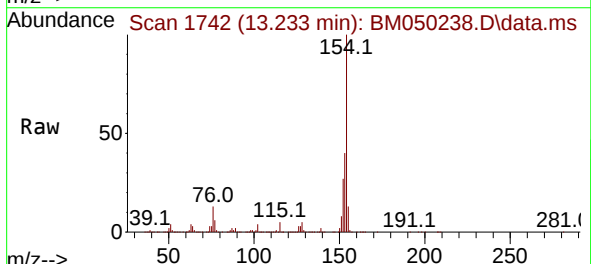
Tgt Ion:172 Resp: 444362
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8

Manual Integrations
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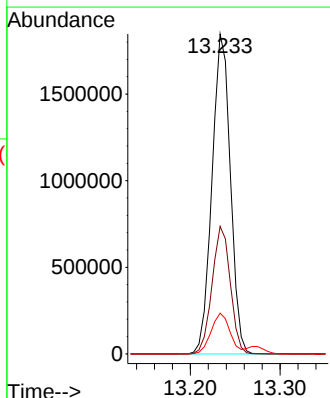
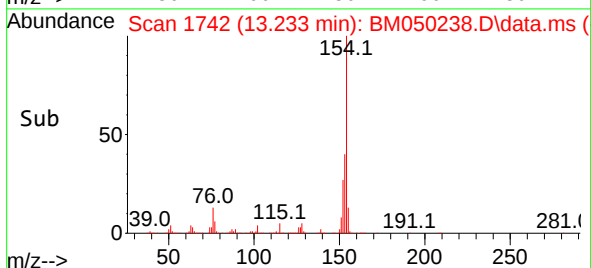
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

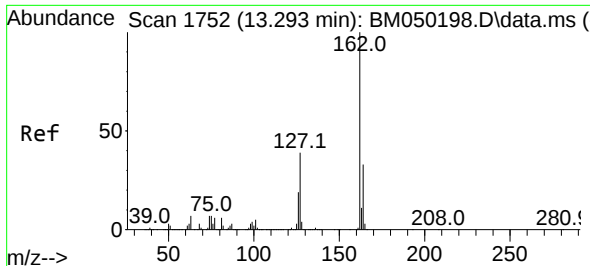


#46
1,1'-Biphenyl
Concen: 47.117 ng
RT: 13.233 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



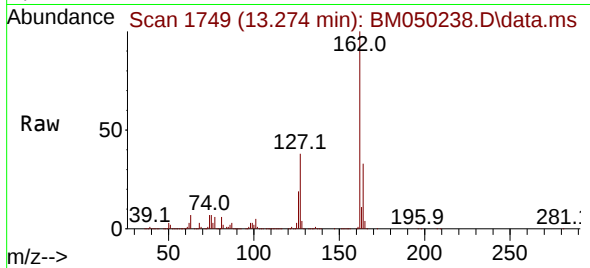
Tgt Ion:154 Resp: 2623701
Ion Ratio Lower Upper
154 100
153 39.9 19.2 59.2
76 12.7 0.0 32.0





#47
2-Chloronaphthalene
Concen: 46.601 ng
RT: 13.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

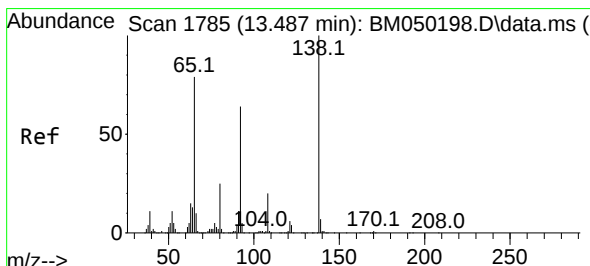
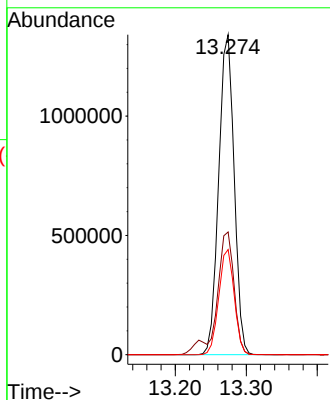
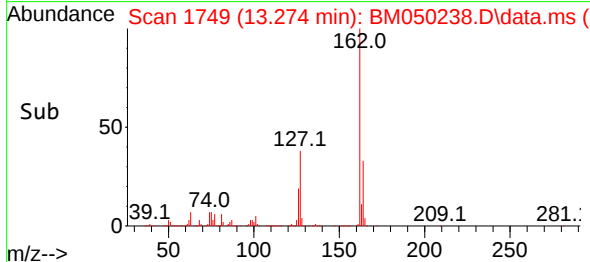
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:162 Resp: 2017409
Ion Ratio Lower Upper
162 100
127 38.3 31.1 46.7
164 32.8 26.5 39.7

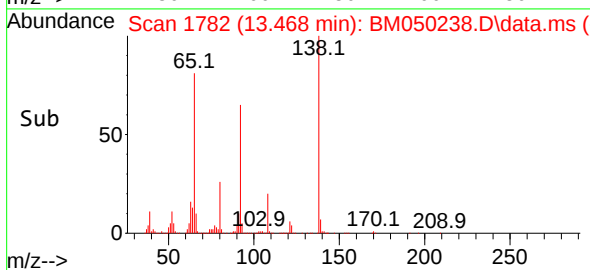
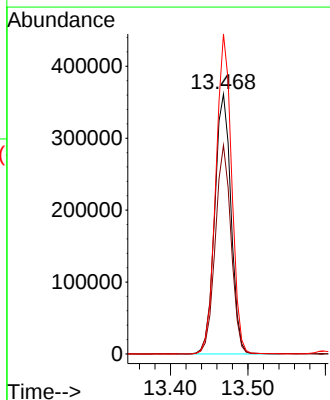
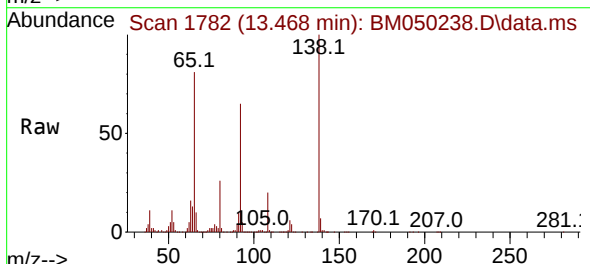
Manual Integrations
APPROVED

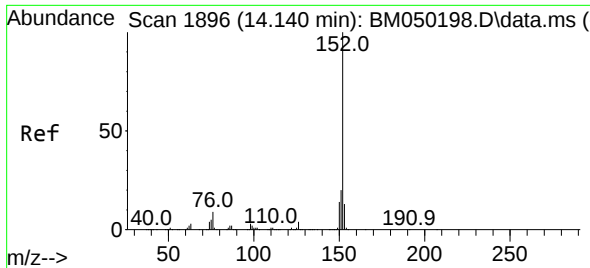
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#48
2-Nitroaniline
Concen: 55.341 ng
RT: 13.468 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

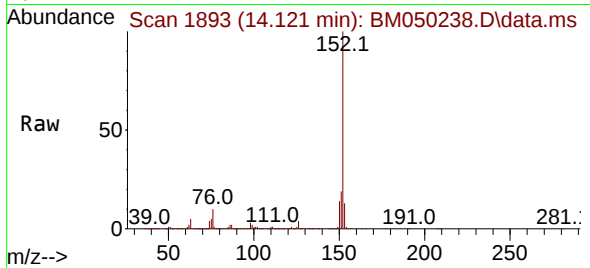
Tgt Ion: 65 Resp: 527217
Ion Ratio Lower Upper
65 100
92 80.3 64.2 96.4
138 123.2 101.0 151.4





#49
Acenaphthylene
Concen: 48.585 ng
RT: 14.121 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

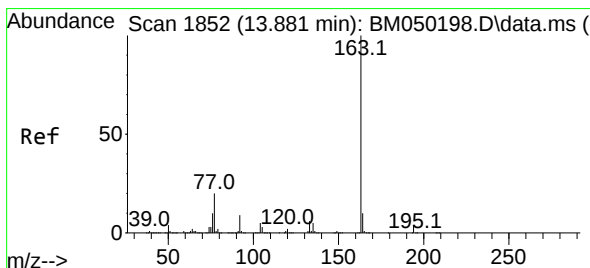
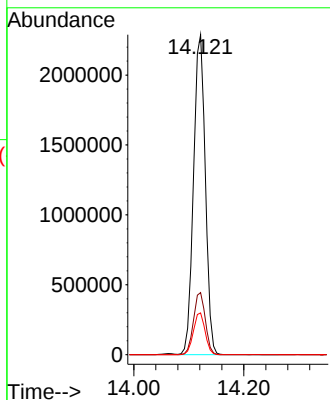
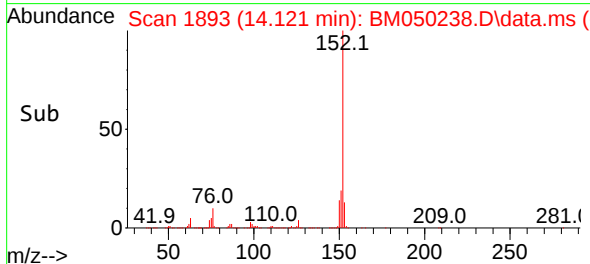
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:152 Resp: 340192
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.1 10.4 15.6

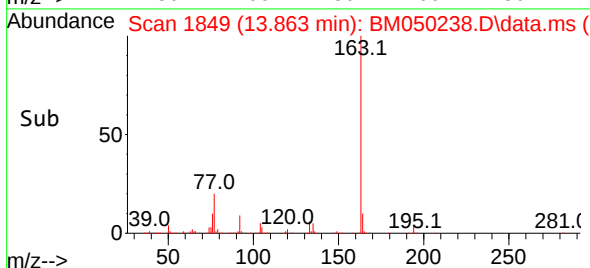
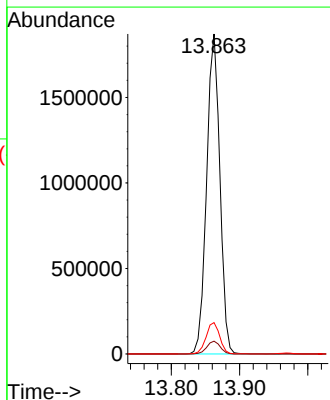
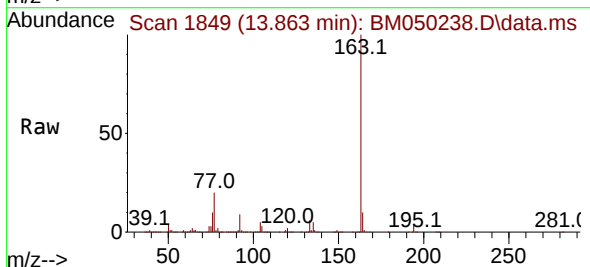
Manual Integrations
APPROVED

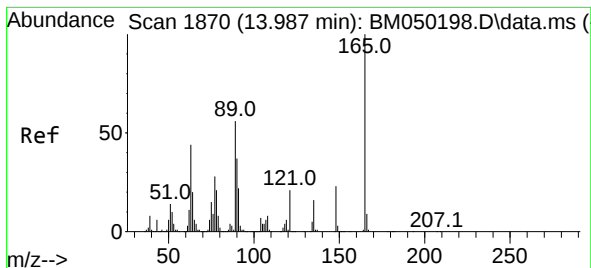
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#50
Dimethylphthalate
Concen: 50.184 ng
RT: 13.863 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

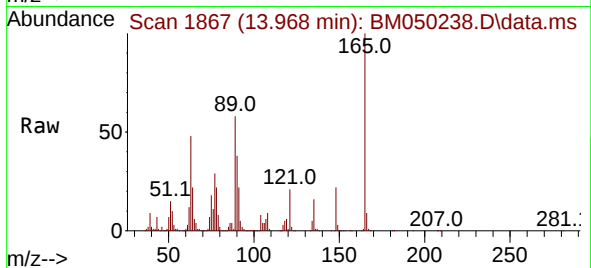
Tgt Ion:163 Resp: 2523932
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.553 ng
RT: 13.968 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

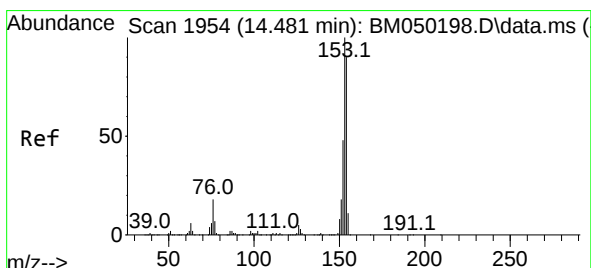
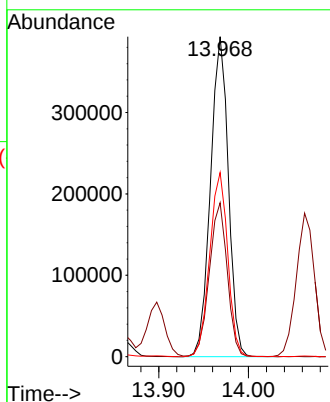
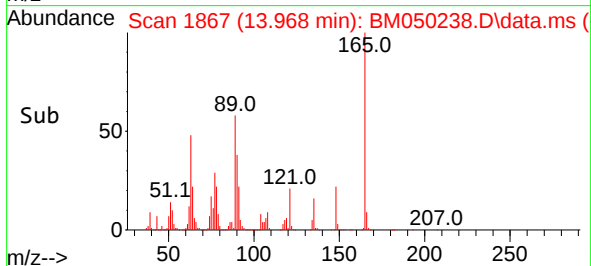
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:165 Resp: 543164
Ion Ratio Lower Upper
165 100
63 48.1 35.8 53.6
89 57.6 44.8 67.2

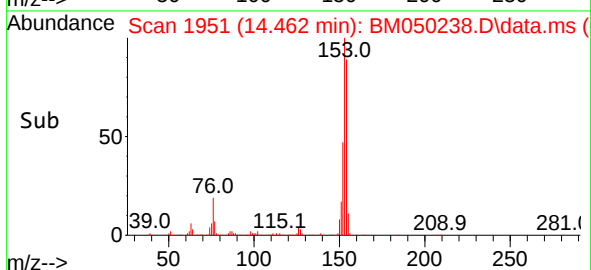
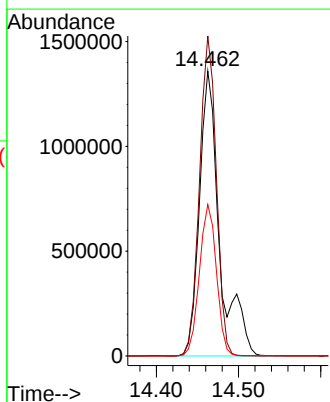
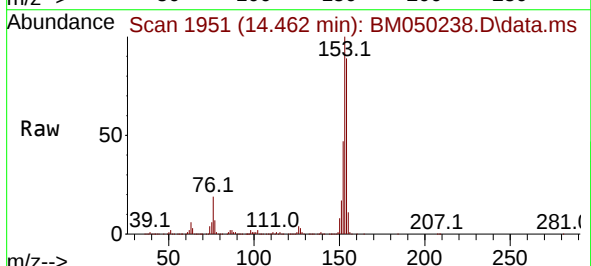
Manual Integrations
APPROVED

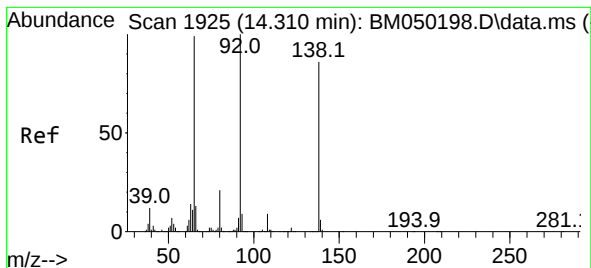
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#52
Acenaphthene
Concen: 52.935 ng m
RT: 14.462 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

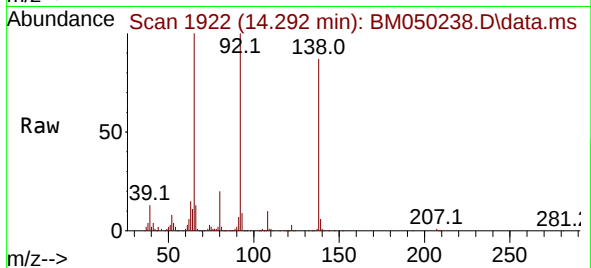
Tgt Ion:154 Resp: 2318364
Ion Ratio Lower Upper
154 100
153 112.3 88.7 133.1
152 53.1 42.6 63.8





#53
3-Nitroaniline
Concen: 27.955 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

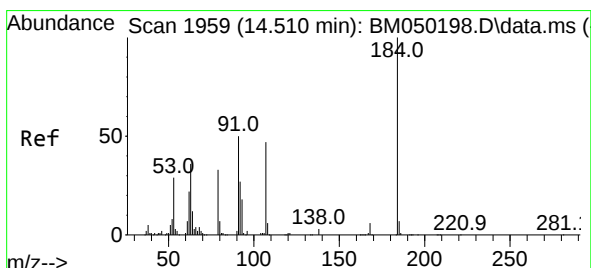
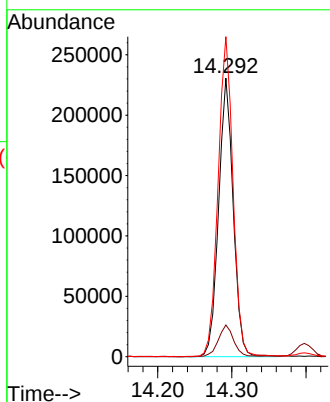
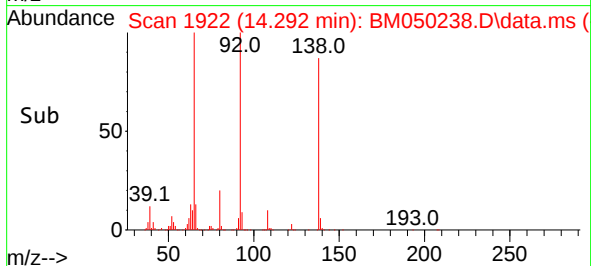
Instrument :
BNA_M
ClientSampleId :
PB168340BS



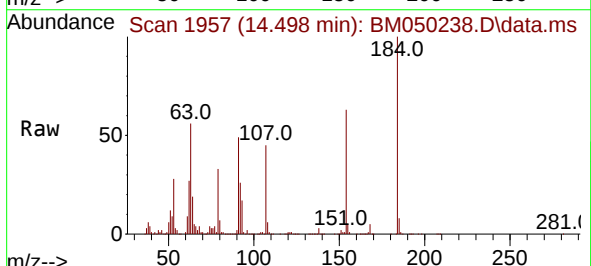
Tgt Ion:138 Resp: 316000
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 114.9 92.9 139.3

Manual Integrations
APPROVED

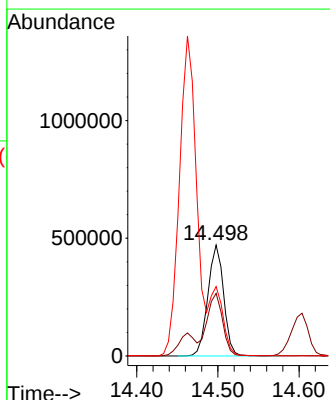
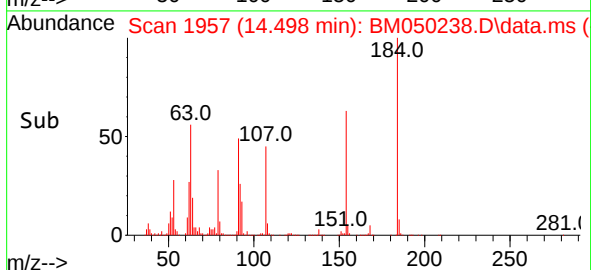
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

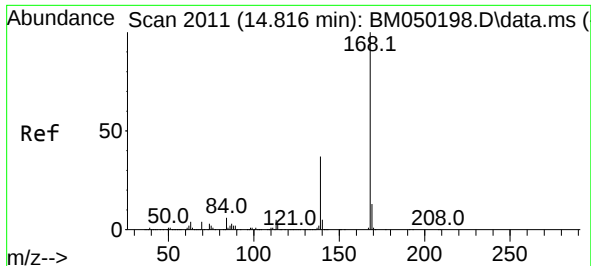


#54
2,4-Dinitrophenol
Concen: 114.006 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



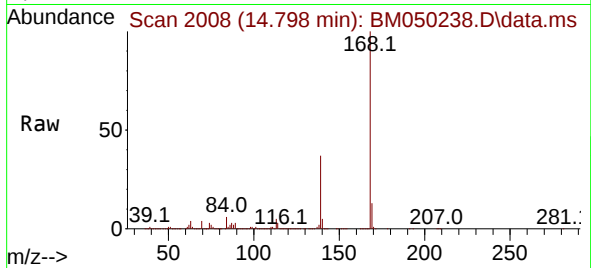
Tgt Ion:184 Resp: 635352
Ion Ratio Lower Upper
184 100
63 56.4 45.3 67.9
154 62.7 54.3 81.5





#55
Dibenzofuran
Concen: 48.342 ng
RT: 14.798 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

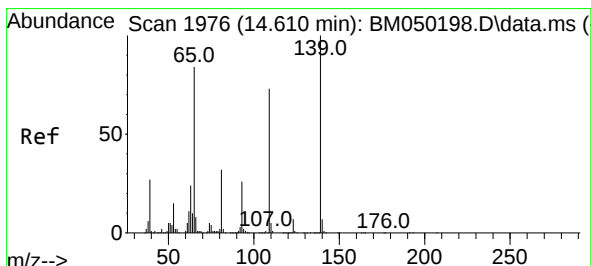
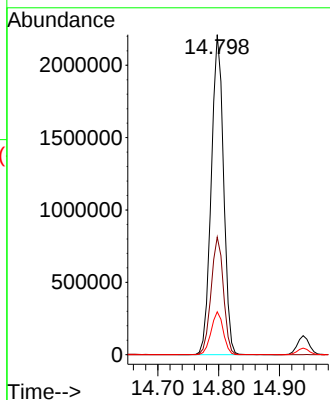
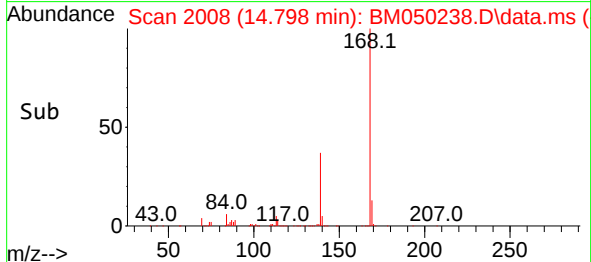
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:168 Resp: 309742
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9
169 13.4 10.6 16.0

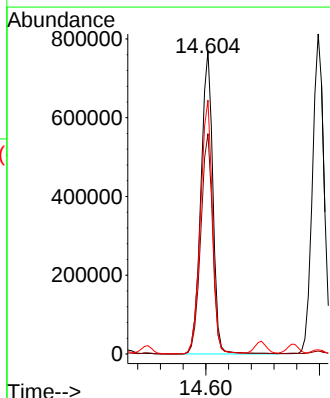
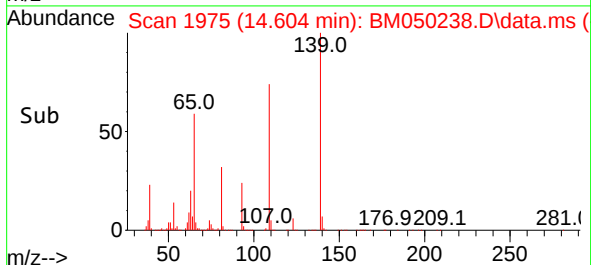
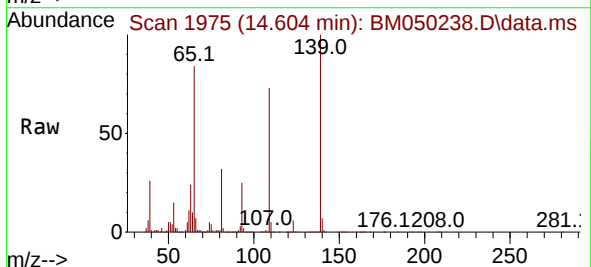
Manual Integrations
APPROVED

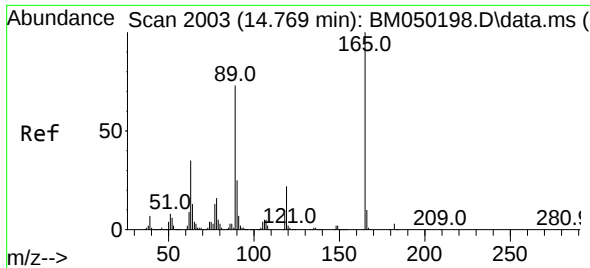
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#56
4-Nitrophenol
Concen: 116.598 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:139 Resp: 1121805
Ion Ratio Lower Upper
139 100
109 72.7 52.6 92.6
65 83.8 64.3 104.3





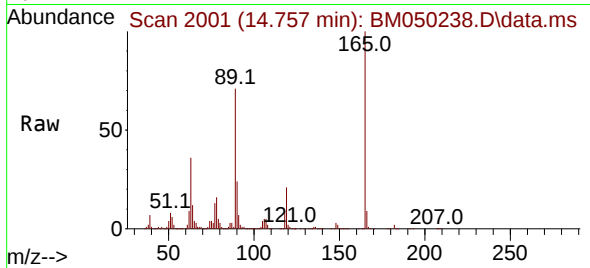
#57
2,4-Dinitrotoluene
Concen: 57.552 ng
RT: 14.757 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS



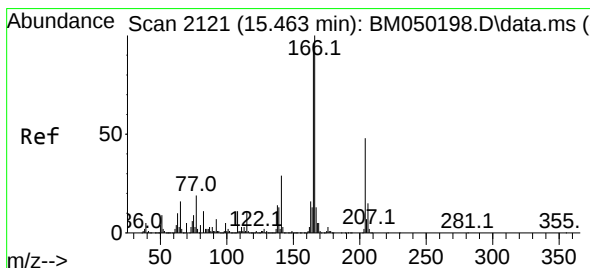
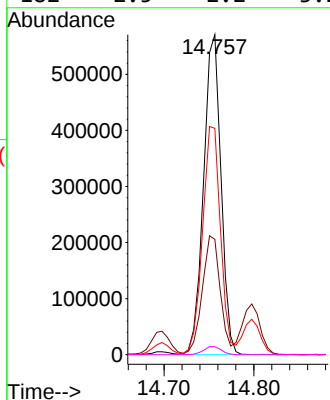
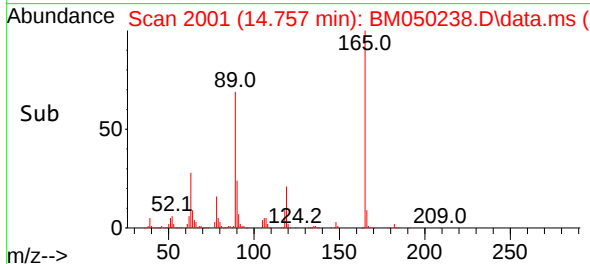
Tgt Ion:165 Resp: 770010
Ion Ratio Lower Upper
165 100
63 36.1 28.4 42.6
89 70.7 58.0 87.0
182 2.5 2.2 3.2

Manual Integrations

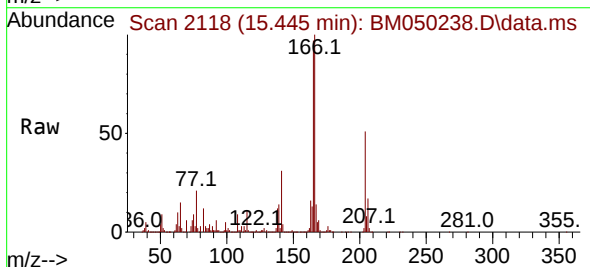
APPROVED

Reviewed By :Rahul Chavli 06/10/2025

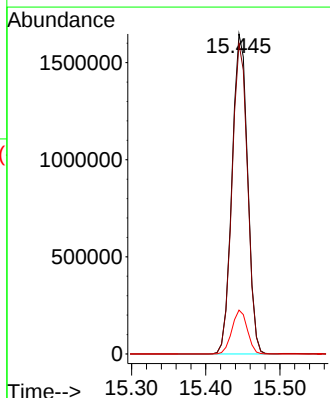
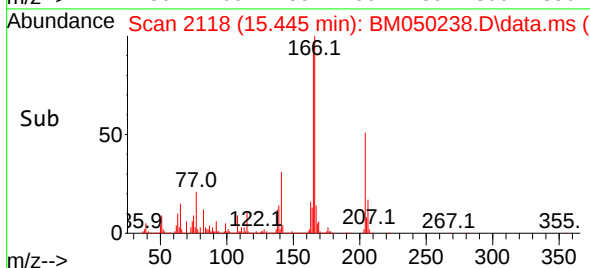
Supervised By :Jagrut Upadhyay 06/10/2025

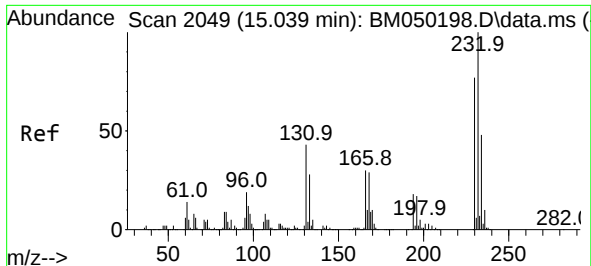


#58
Fluorene
Concen: 48.958 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



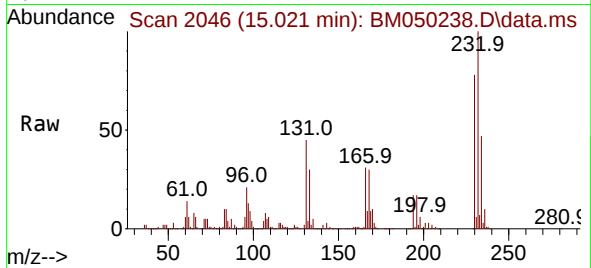
Tgt Ion:166 Resp: 2402646
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.041 ng
RT: 15.021 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

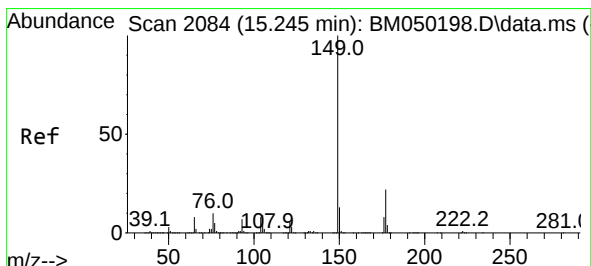
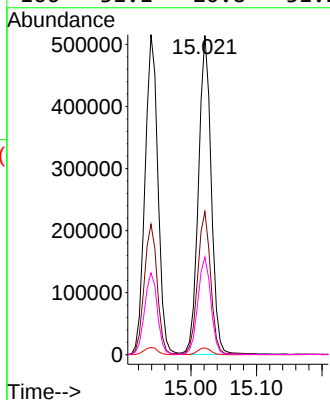
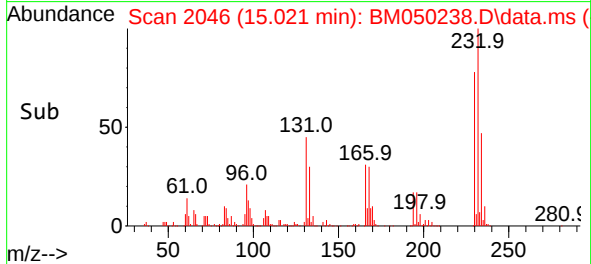
Instrument :
BNA_M
ClientSampleId :
PB168340BS



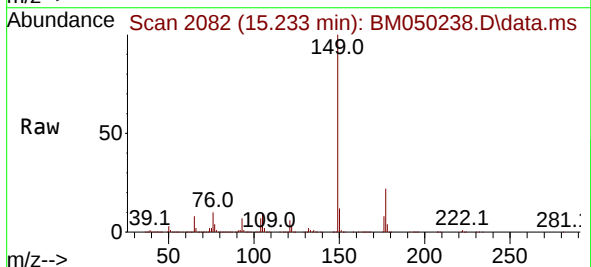
Tgt Ion:232 Resp: 698090
Ion Ratio Lower Upper
232 100
131 45.1 32.9 49.3
130 2.3 1.8 2.8
166 31.1 20.8 31.2

Manual Integrations
APPROVED

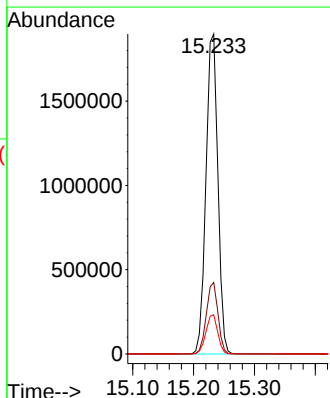
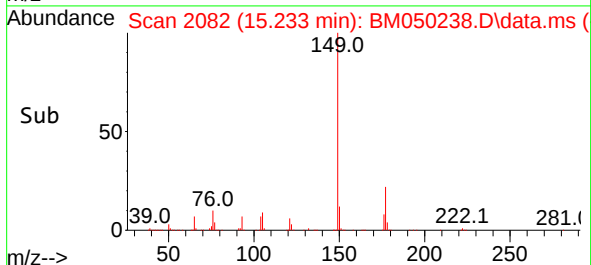
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

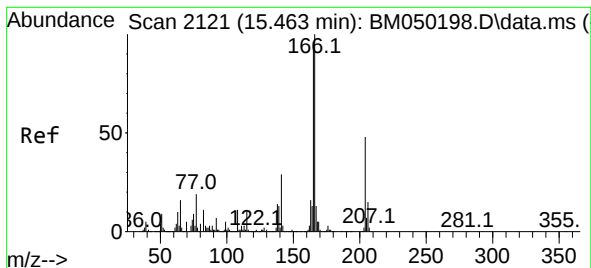


#60
Diethylphthalate
Concen: 51.680 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



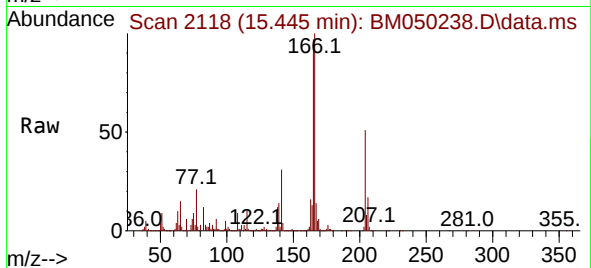
Tgt Ion:149 Resp: 2578921
Ion Ratio Lower Upper
149 100
177 22.3 17.2 25.8
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.930 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

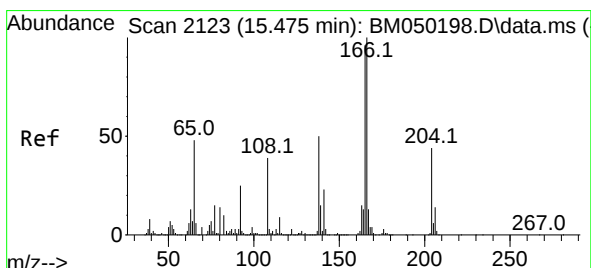
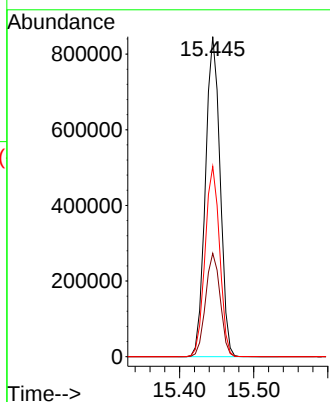
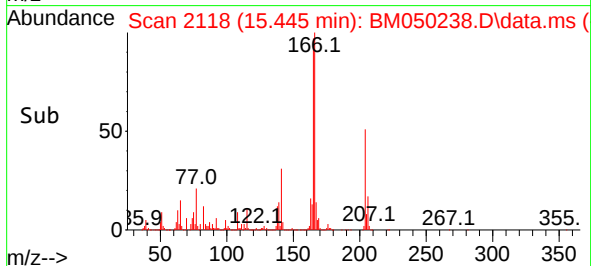
Instrument :
BNA_M
ClientSampleId :
PB168340BS



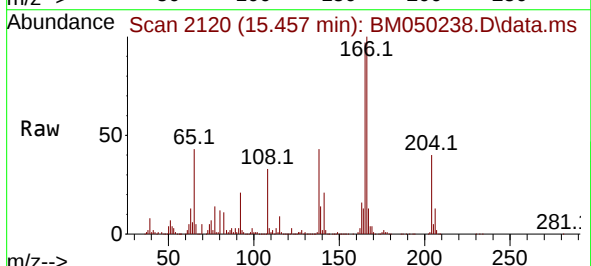
Tgt Ion:204 Resp: 116053
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 59.4 47.9 71.9

Manual Integrations
APPROVED

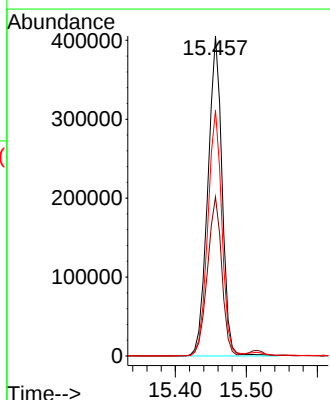
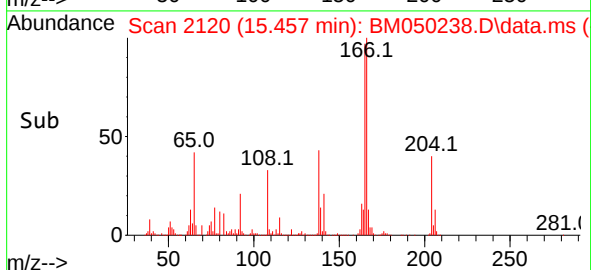
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

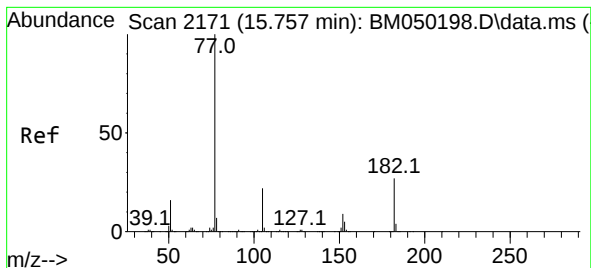


#62
4-Nitroaniline
Concen: 53.462 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



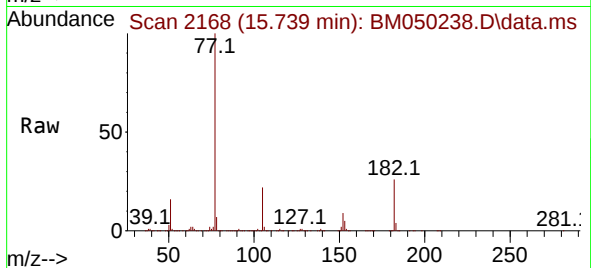
Tgt Ion:138 Resp: 566413
Ion Ratio Lower Upper
138 100
92 49.7 28.8 68.8
108 76.8 58.1 98.1





#63
Azobenzene
Concen: 50.272 ng
RT: 15.739 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

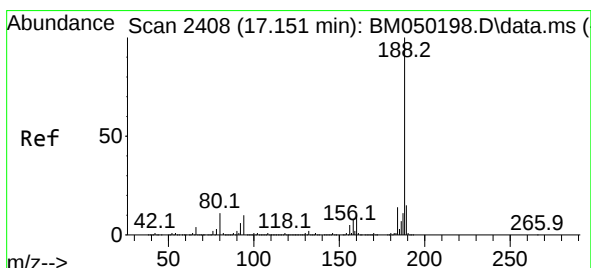
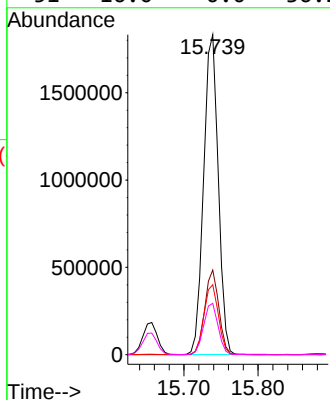
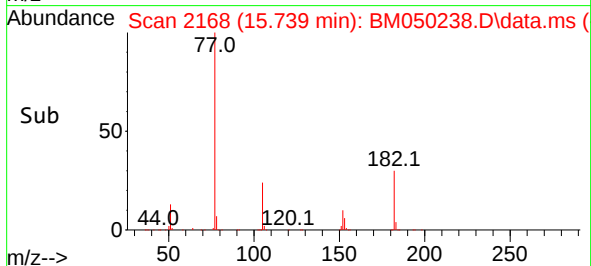
Instrument :
BNA_M
ClientSampleId :
PB168340BS



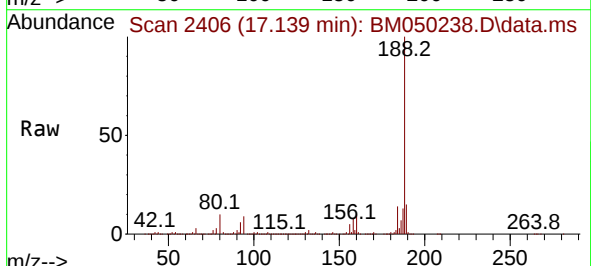
Tgt Ion: 77 Resp: 250740
Ion Ratio Lower Upper
77 100
182 26.5 6.8 46.8
105 21.9 1.7 41.7
51 16.0 0.0 36.2

Manual Integrations
APPROVED

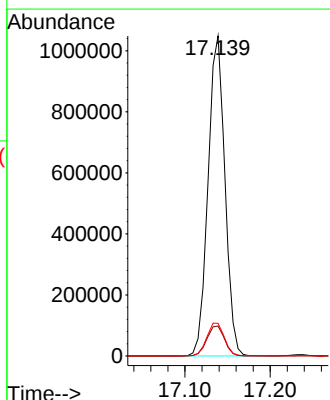
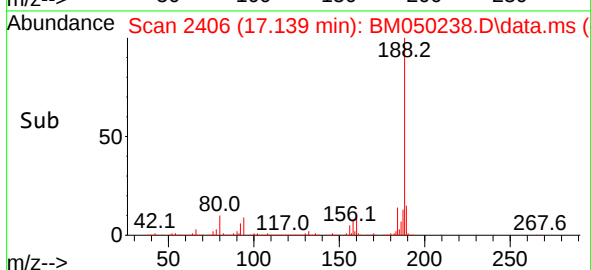
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

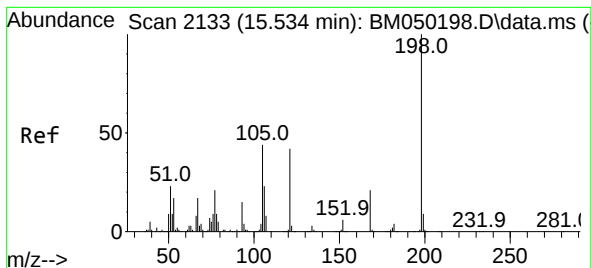


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



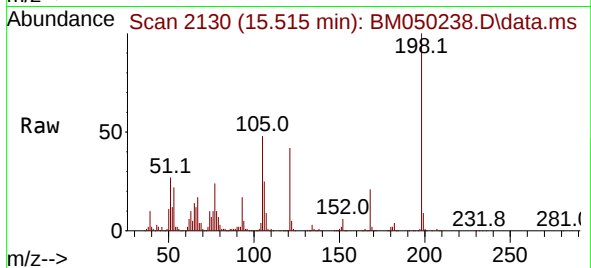
Tgt Ion:188 Resp: 1440533
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.2 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 51.564 ng
RT: 15.515 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

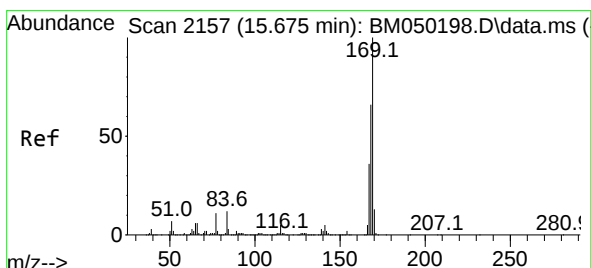
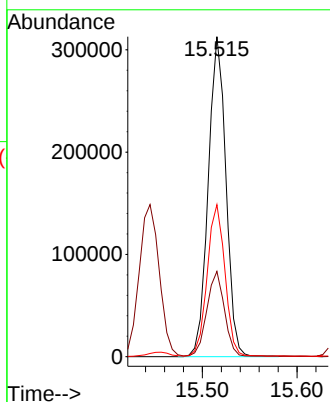
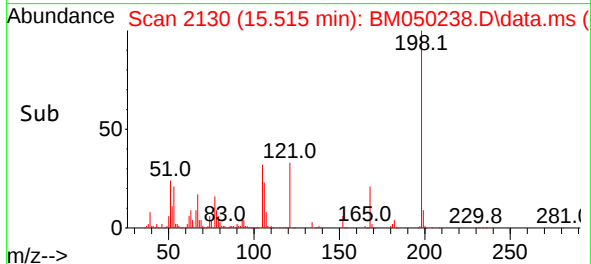
Instrument :
BNA_M
ClientSampleId :
PB168340BS



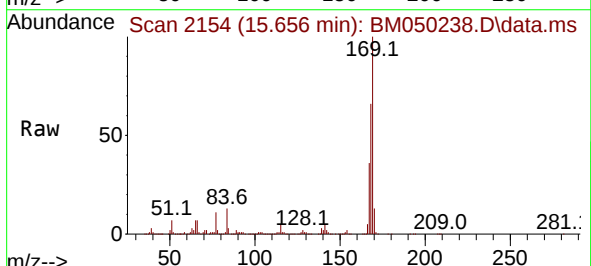
Tgt Ion:198 Resp: 405700
Ion Ratio Lower Upper
198 100
51 26.6 4.5 44.5
105 47.5 24.9 64.9

Manual Integrations
APPROVED

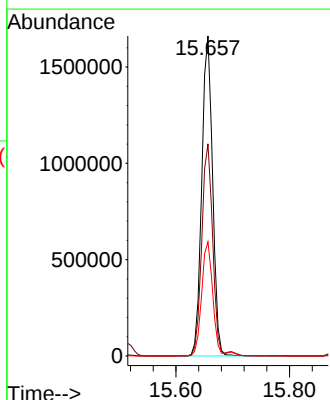
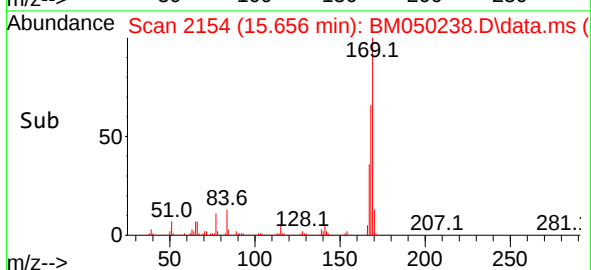
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

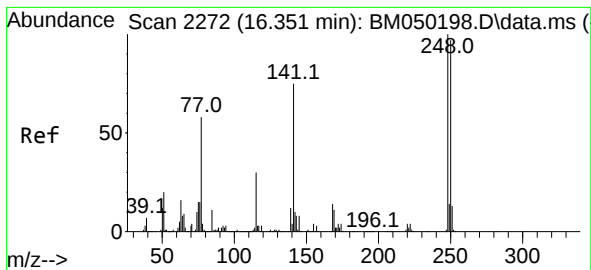


#66
n-Nitrosodiphenylamine
Concen: 48.414 ng
RT: 15.656 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



Tgt Ion:169 Resp: 2191325
Ion Ratio Lower Upper
169 100
168 66.3 53.1 79.7
167 35.7 29.0 43.6





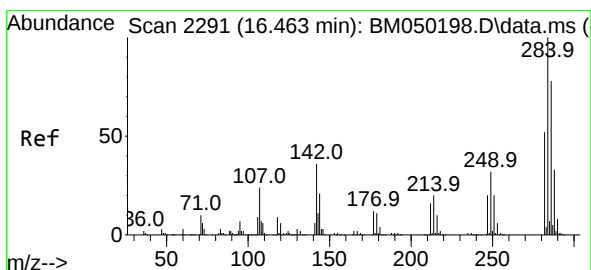
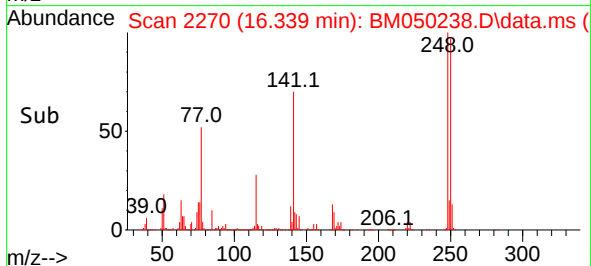
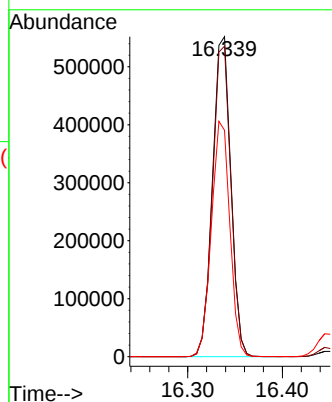
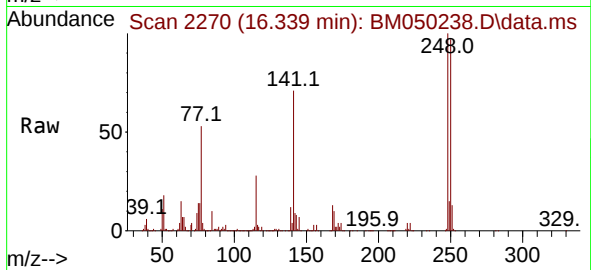
#67
4-Bromophenyl-phenylether
Concen: 48.565 ng
RT: 16.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Tgt Ion:248 Resp: 746039
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 70.7 60.1 90.1

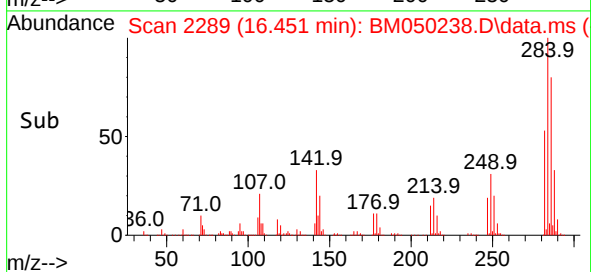
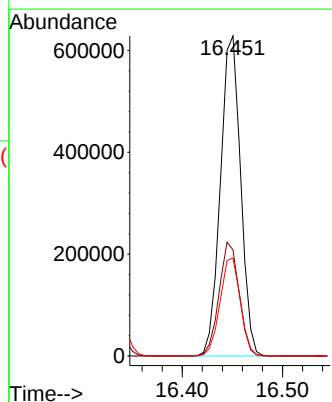
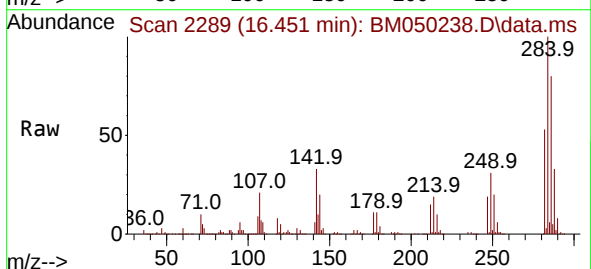
Manual Integrations
APPROVED

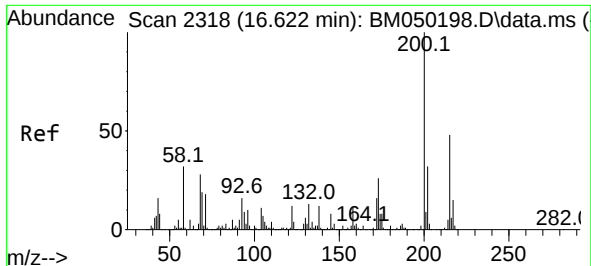
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#68
Hexachlorobenzene
Concen: 48.784 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

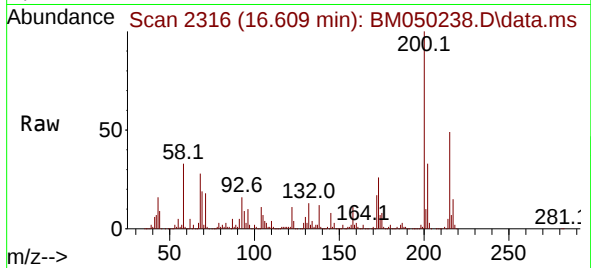
Tgt Ion:284 Resp: 875561
Ion Ratio Lower Upper
284 100
142 33.2 28.8 43.2
249 30.6 25.8 38.6





#69
Atrazine
Concen: 53.638 ng
RT: 16.609 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

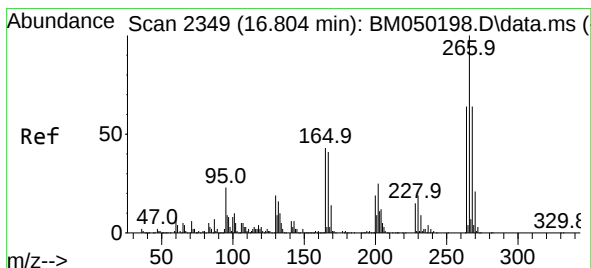
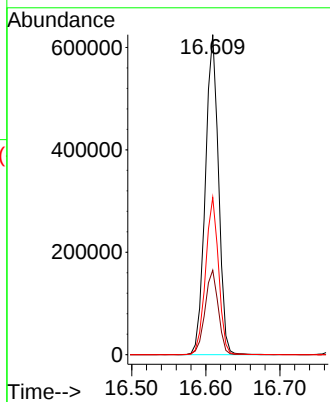
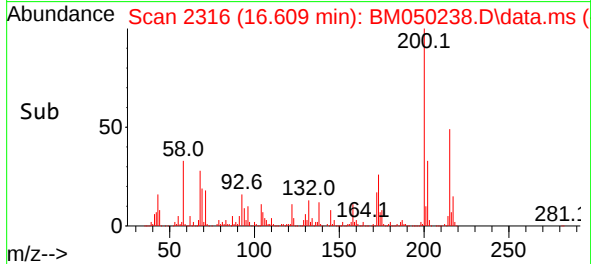
Instrument :
BNA_M
ClientSampleId :
PB168340BS



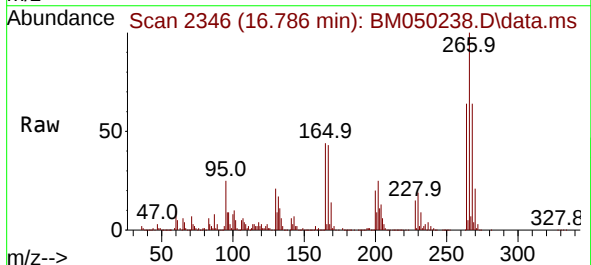
Tgt Ion:200 Resp: 77356
Ion Ratio Lower Upper
200 100
173 26.4 6.0 46.0
215 49.1 28.1 68.1

Manual Integrations
APPROVED

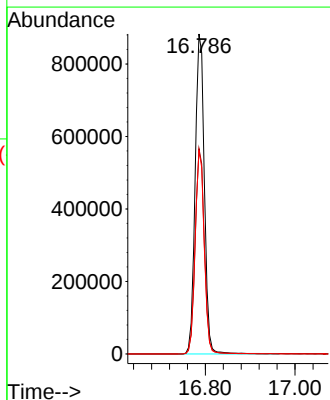
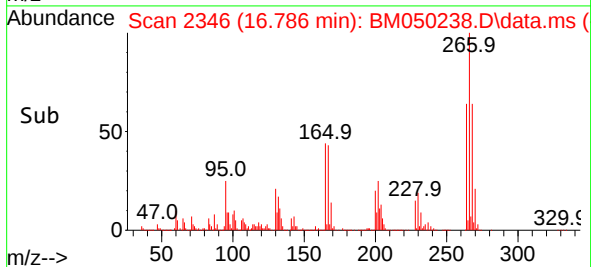
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

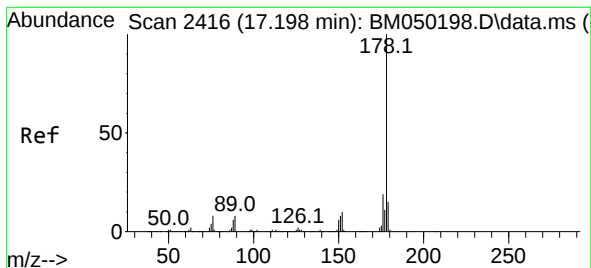


#70
Pentachlorophenol
Concen: 107.804 ng
RT: 16.786 min Scan# 2346
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



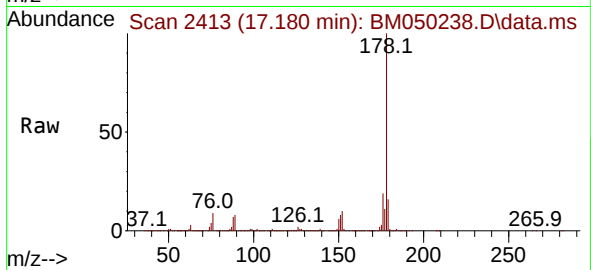
Tgt Ion:266 Resp: 1257952
Ion Ratio Lower Upper
266 100
268 64.2 51.0 76.6
264 63.6 50.8 76.2





#71
Phenanthrene
Concen: 48.255 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

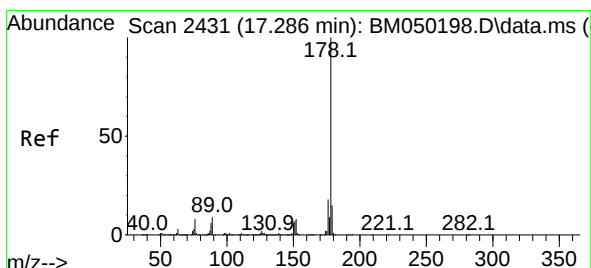
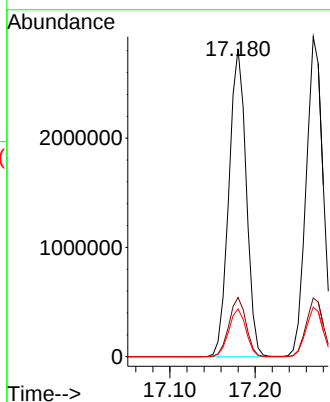
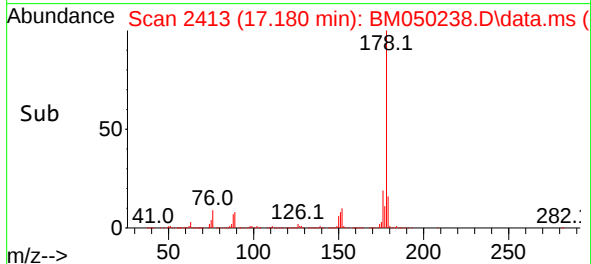
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:178 Resp: 3971000
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.3 18.5

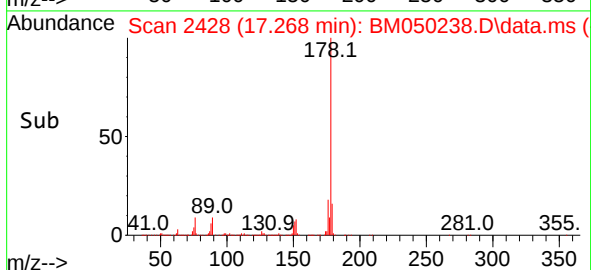
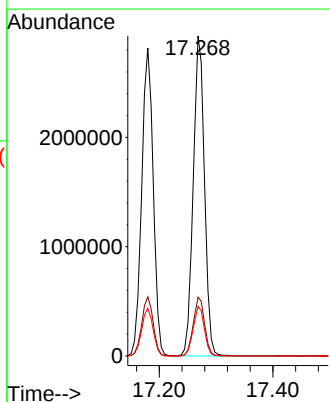
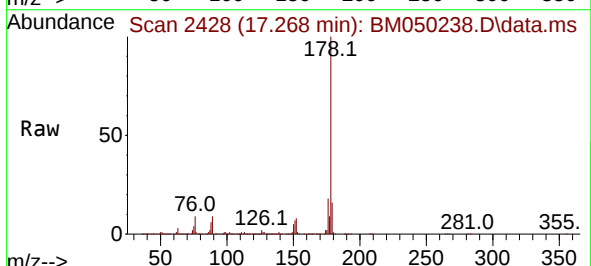
Manual Integrations
APPROVED

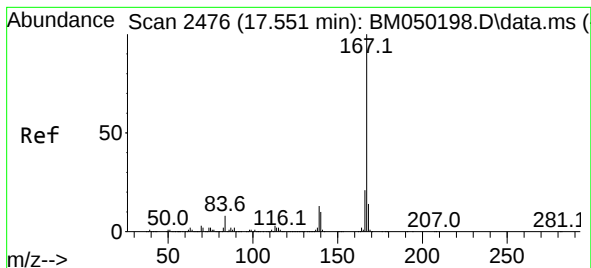
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 49.109 ng
RT: 17.268 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:178 Resp: 4042950
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.3 18.5





#73

Carbazole

Concen: 51.125 ng

RT: 17.533 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM050238.D

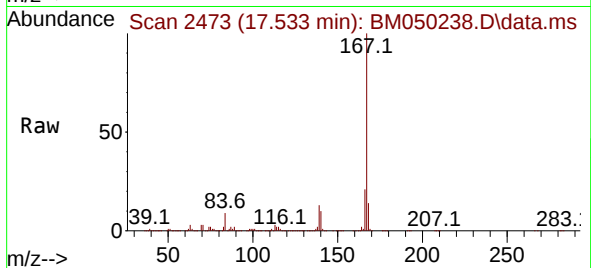
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS



Tgt Ion:167 Resp: 3834360

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

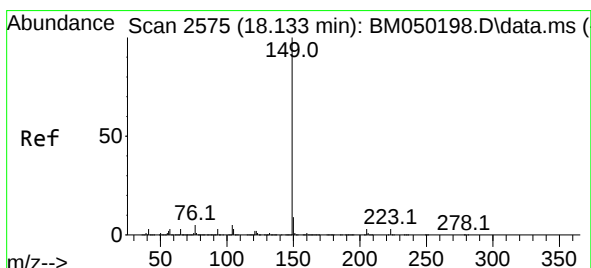
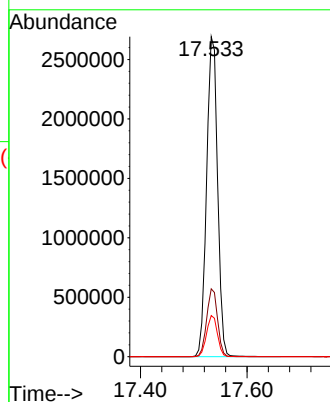
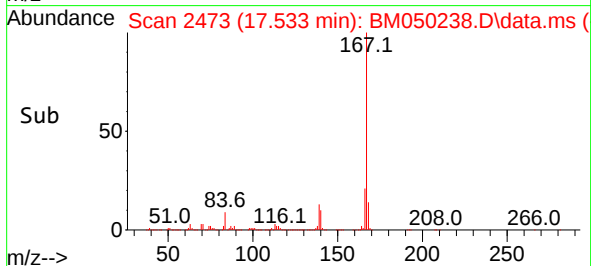
139 12.9 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#74

Di-n-butylphthalate

Concen: 54.294 ng

RT: 18.115 min Scan# 2572

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

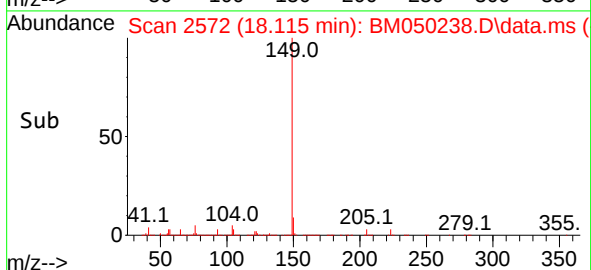
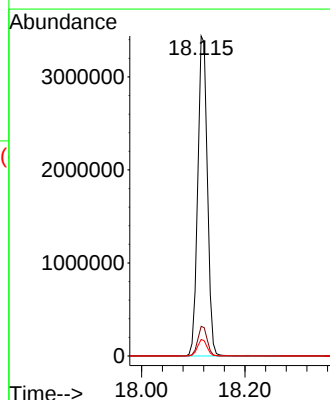
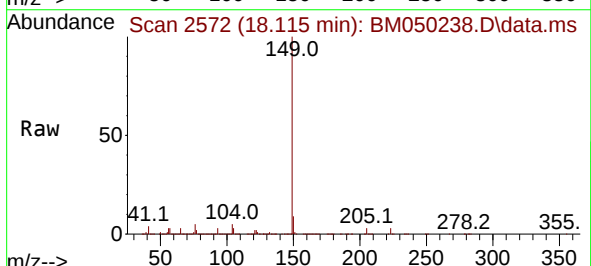
Tgt Ion:149 Resp: 4430714

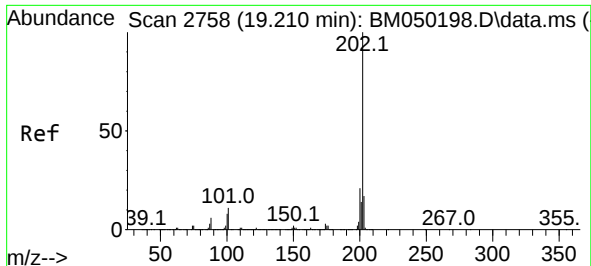
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

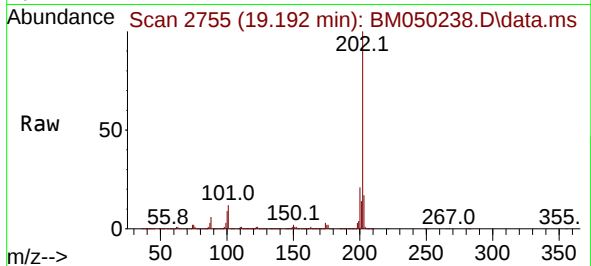
104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 52.126 ng
RT: 19.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

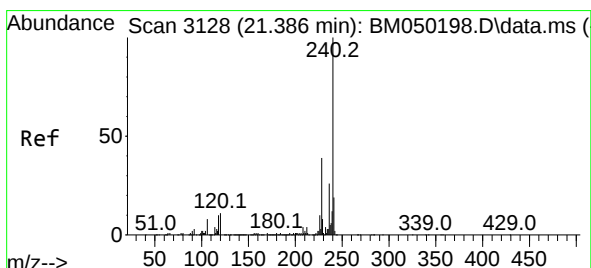
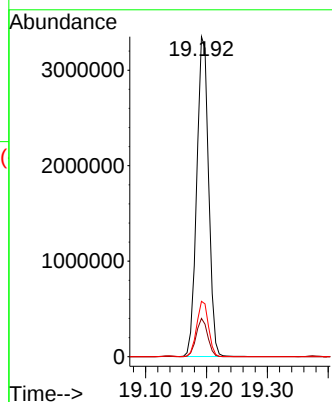
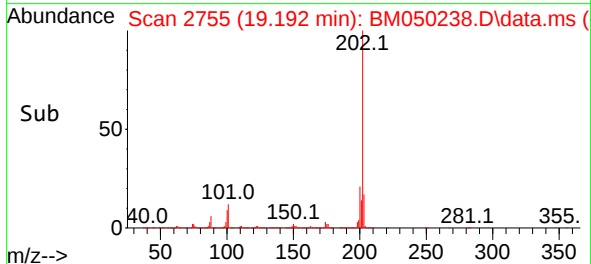
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:202 Resp: 452364
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.1
203 17.3 0.0 37.0

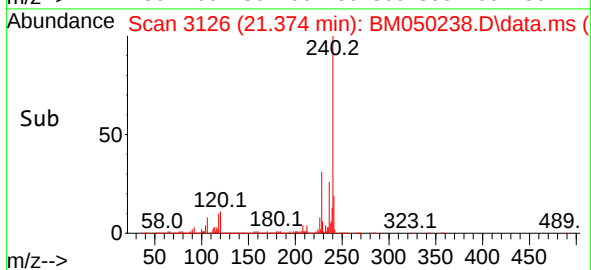
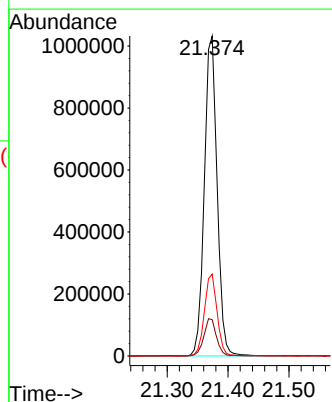
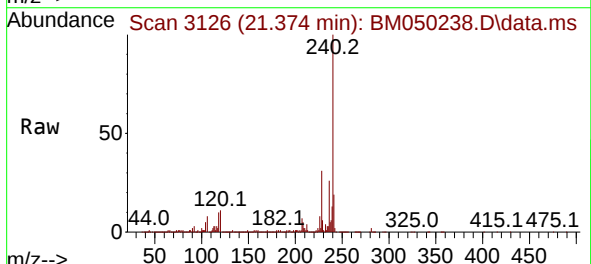
Manual Integrations
APPROVED

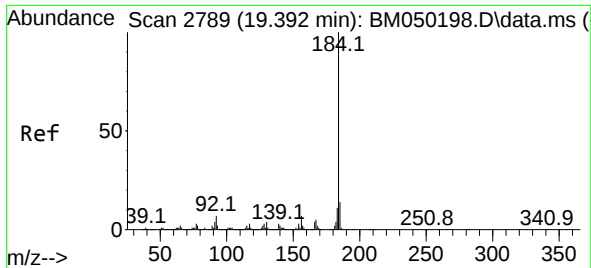
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

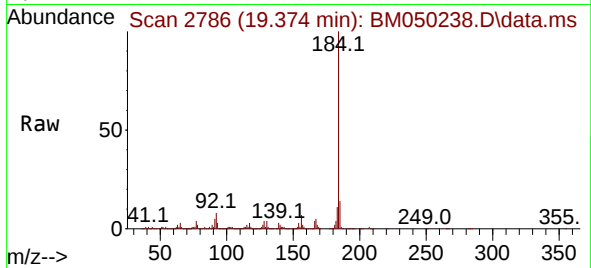
Tgt Ion:240 Resp: 1506864
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.6 20.7 31.1





#77
Benzidine
Concen: 39.989 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

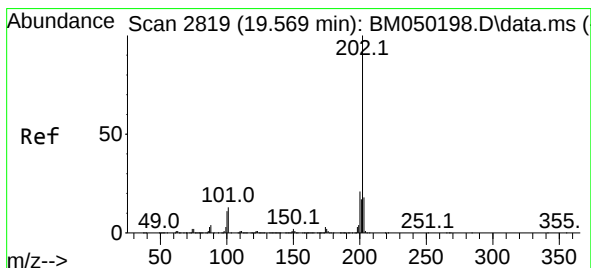
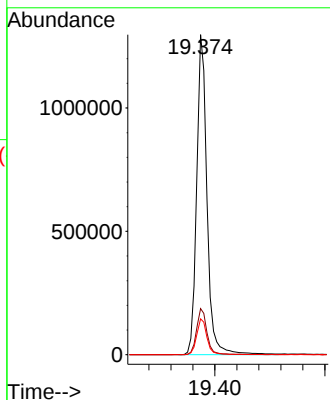
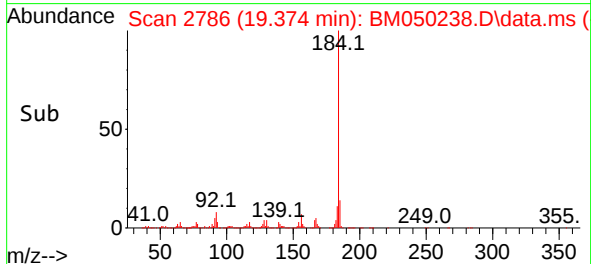
Instrument :
BNA_M
ClientSampleId :
PB168340BS



Tgt Ion:184 Resp: 1694498
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.2 9.0 13.4

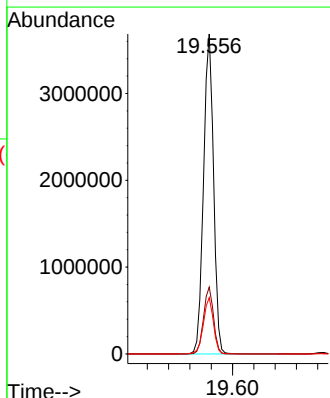
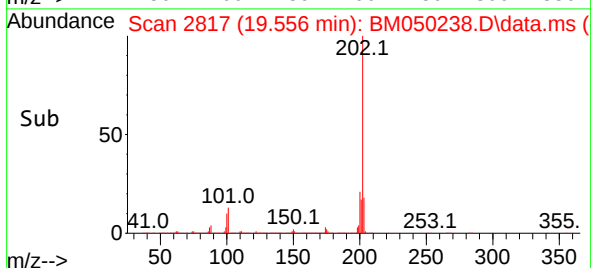
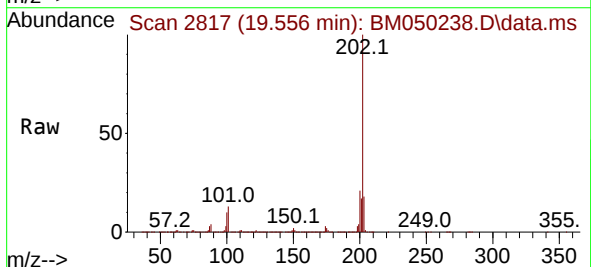
Manual Integrations
APPROVED

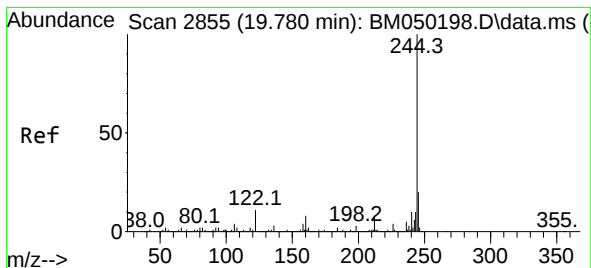
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#78
Pyrene
Concen: 47.334 ng
RT: 19.556 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

Tgt Ion:202 Resp: 4807428
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 82.659 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050238.D

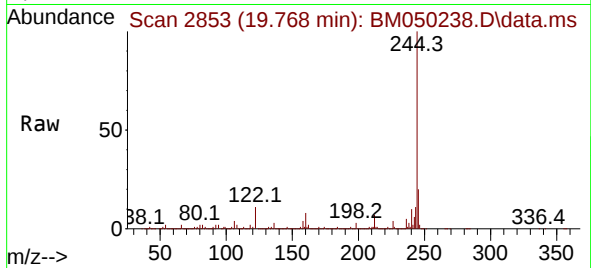
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS



Tgt Ion:244 Resp: 657280

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

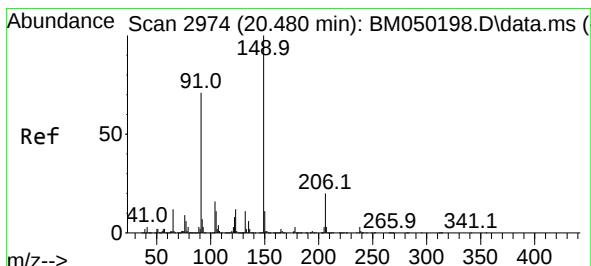
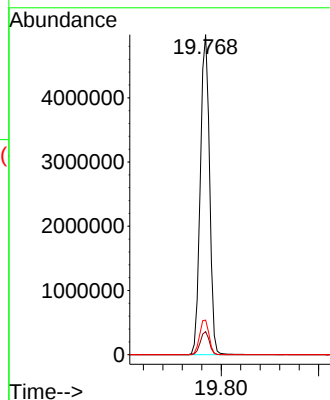
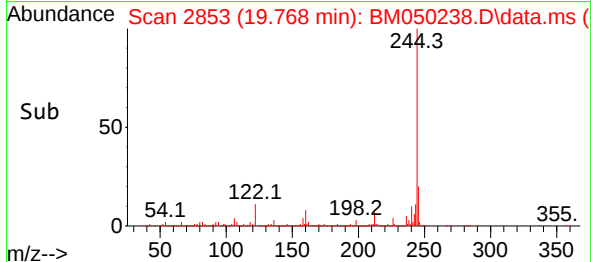
122 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#80

Butylbenzylphthalate

Concen: 56.466 ng

RT: 20.468 min Scan# 2972

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

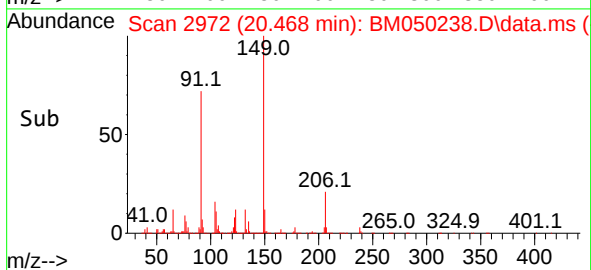
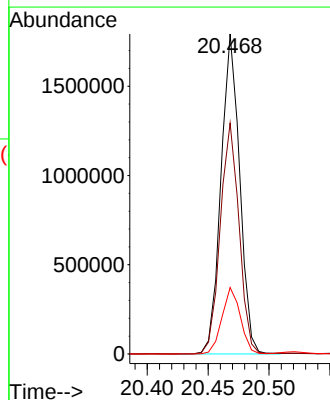
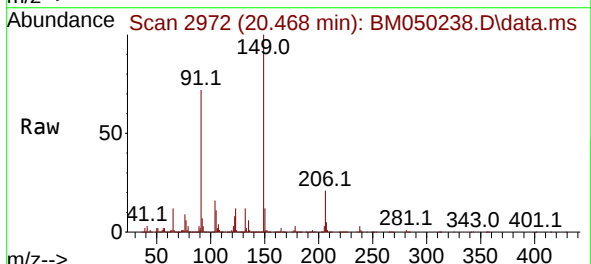
Tgt Ion:149 Resp: 1912953

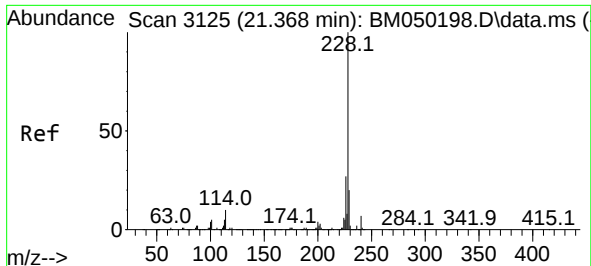
Ion Ratio Lower Upper

149 100

91 72.1 56.9 85.3

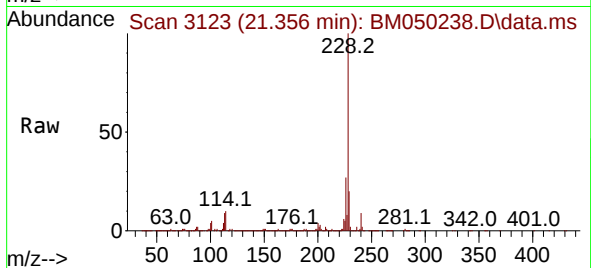
206 20.8 16.1 24.1





#81
Benzo(a)anthracene
Concen: 49.467 ng
RT: 21.356 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

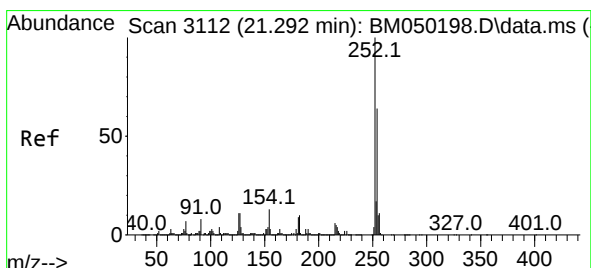
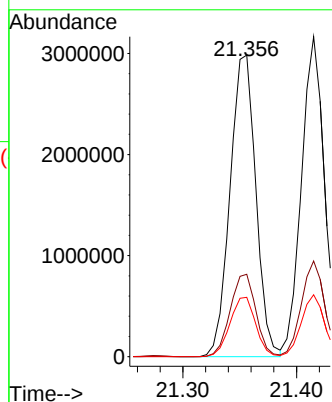
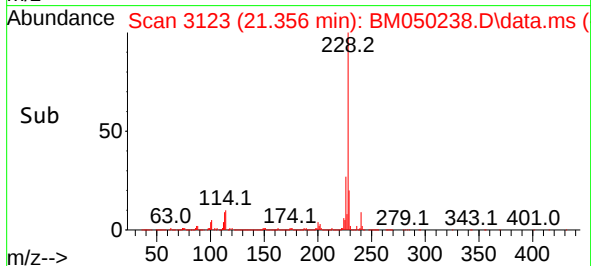
Instrument :
BNA_M
ClientSampleId :
PB168340BS



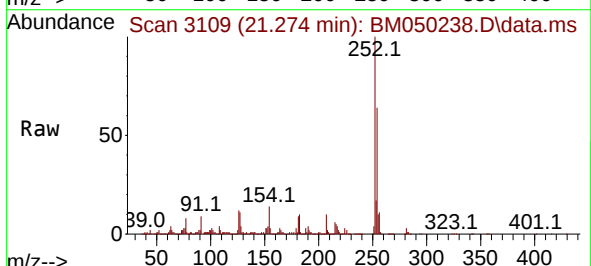
Tgt Ion:228 Resp: 4718074
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.7 15.7 23.5

Manual Integrations
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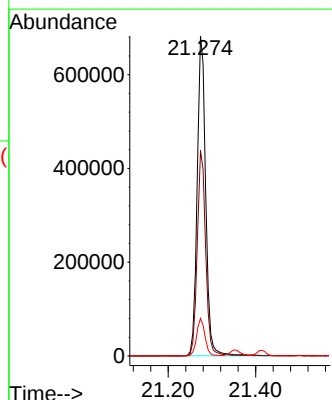
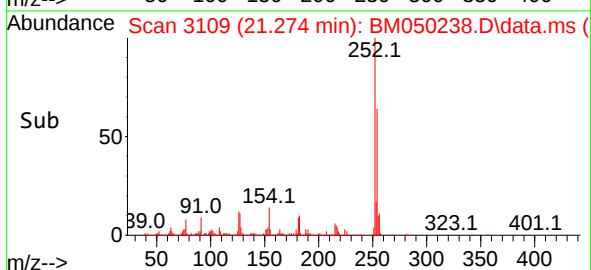
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

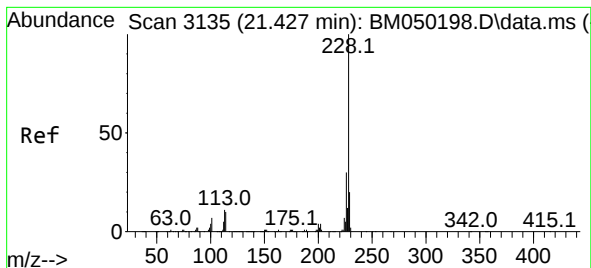


#82
3,3'-Dichlorobenzidine
Concen: 31.895 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



Tgt Ion:252 Resp: 927690
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 11.8 8.6 12.8





#83

Chrysene

Concen: 49.367 ng

RT: 21.415 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Tgt Ion:228 Resp: 4478849

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

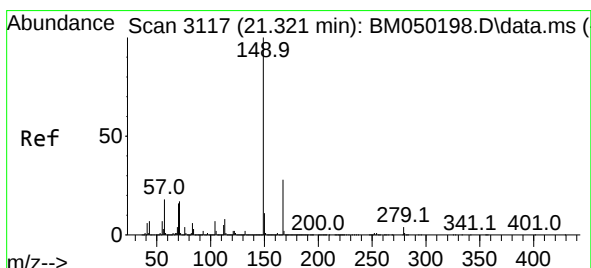
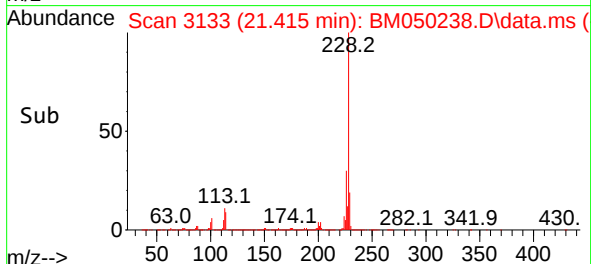
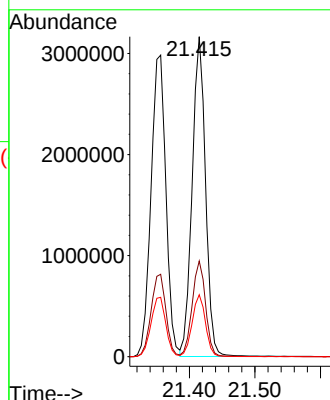
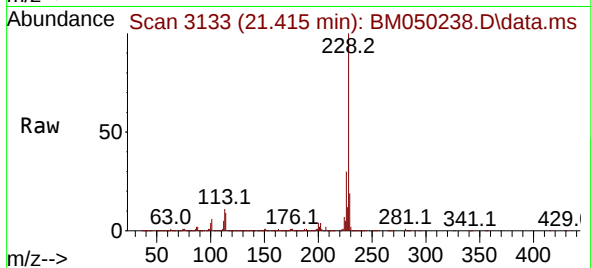
229 19.4 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.220 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

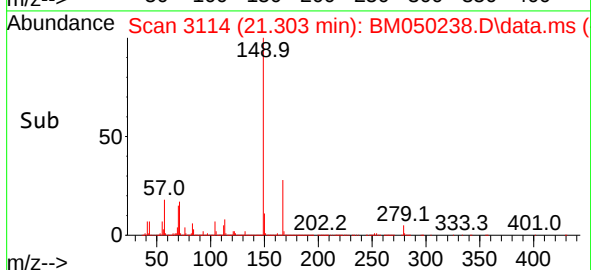
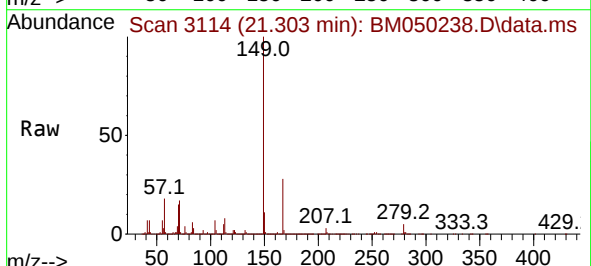
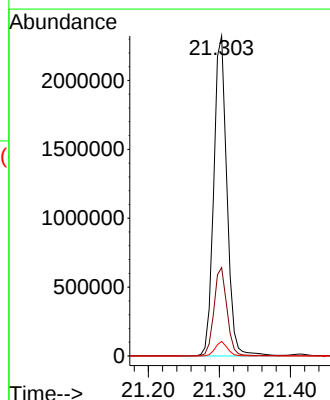
Tgt Ion:149 Resp: 2985953

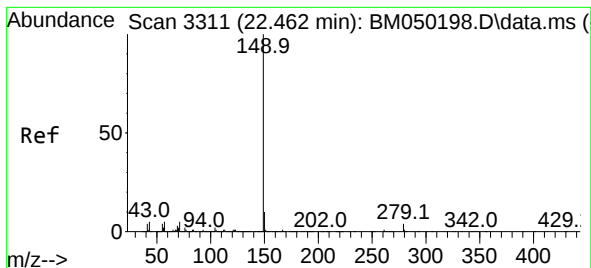
Ion Ratio Lower Upper

149 100

167 27.6 22.3 33.5

279 4.6 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 62.946 ng

RT: 22.438 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM050238.D

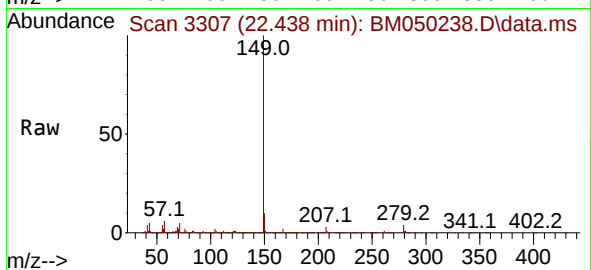
Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS



Tgt Ion:149 Resp: 487415

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

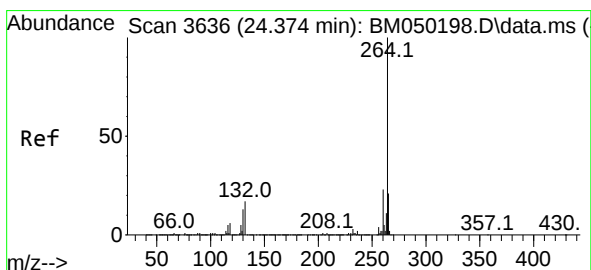
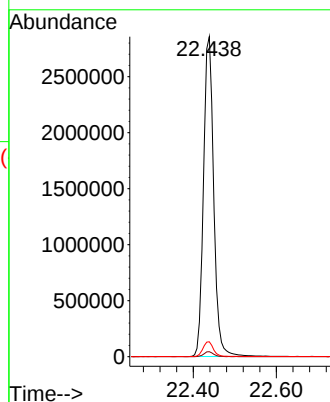
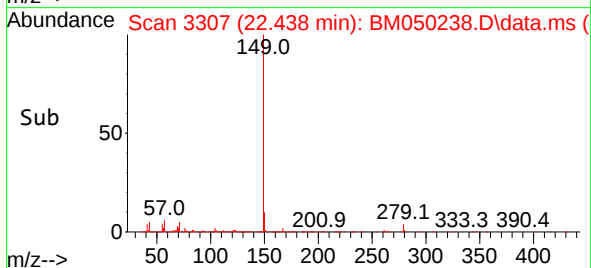
43 4.9 3.8 5.8

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.344 min Scan# 3631

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

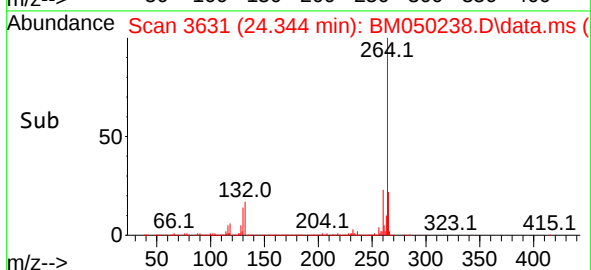
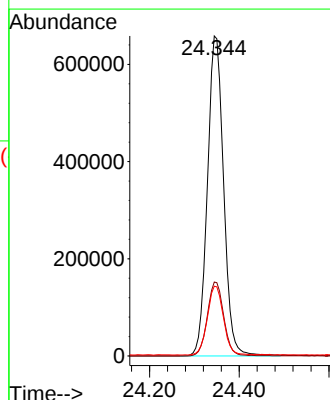
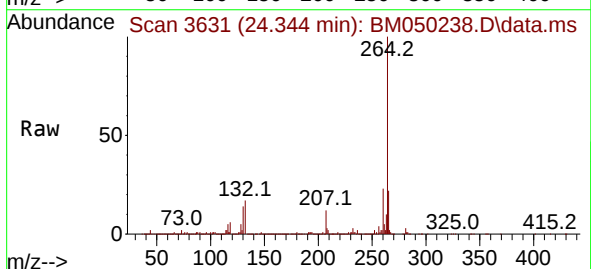
Tgt Ion:264 Resp: 1650438

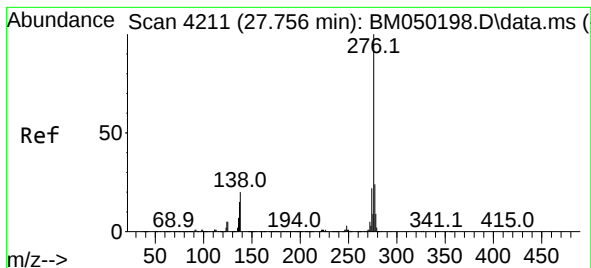
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.8 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.920 ng

RT: 27.709 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

Instrument :

BNA_M

ClientSampleId :

PB168340BS

Tgt Ion:276 Resp: 572995

Ion Ratio Lower Upper

276 100

138 25.7 20.6 30.8

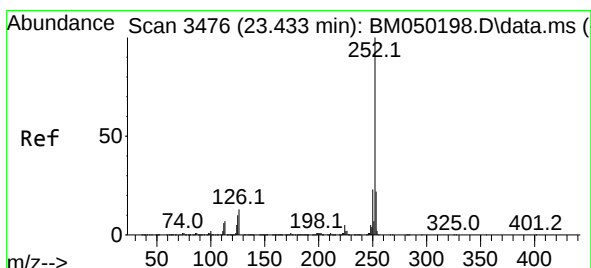
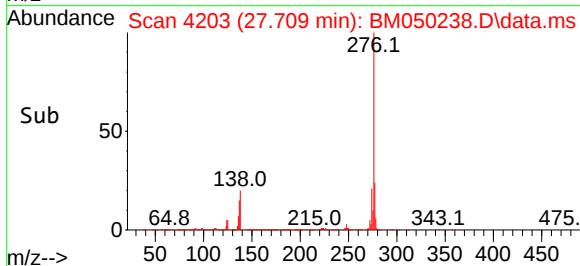
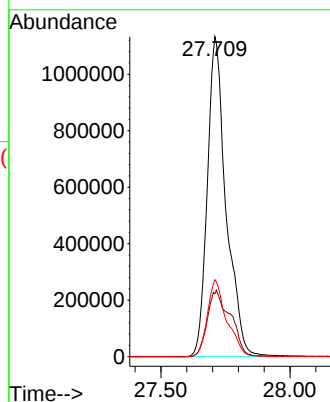
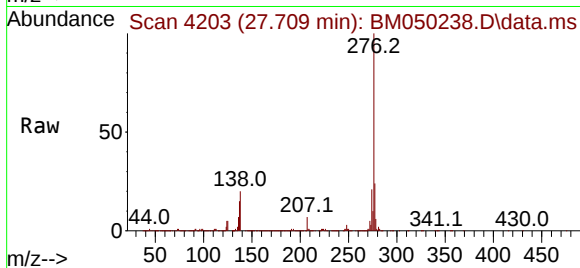
277 24.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#88

Benzo(b)fluoranthene

Concen: 49.666 ng

RT: 23.415 min Scan# 3473

Delta R.T. 0.006 min

Lab File: BM050238.D

Acq: 09 Jun 2025 12:05

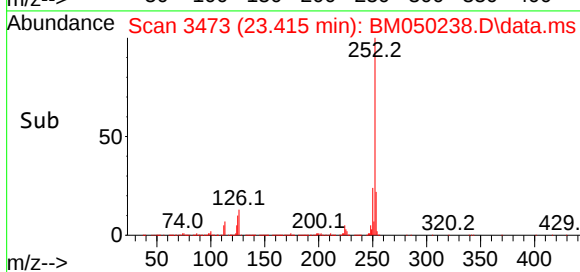
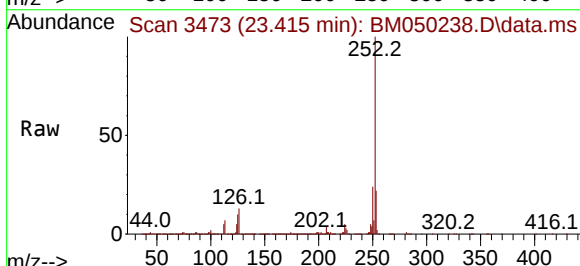
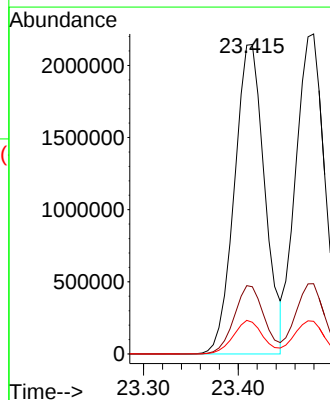
Tgt Ion:252 Resp: 4765849

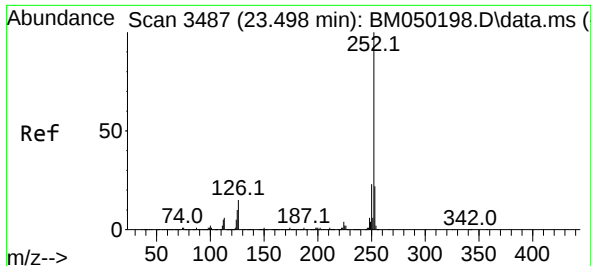
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

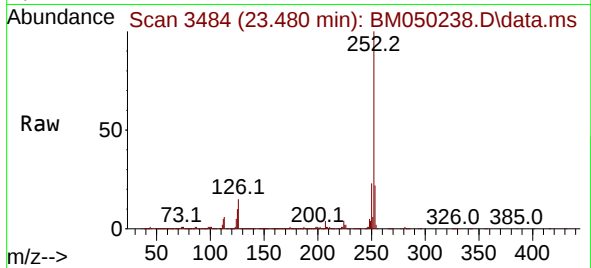
125 10.2 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 48.998 ng
RT: 23.480 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

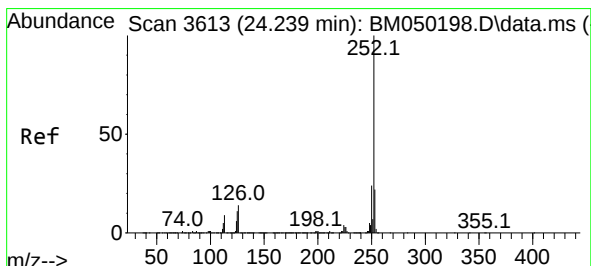
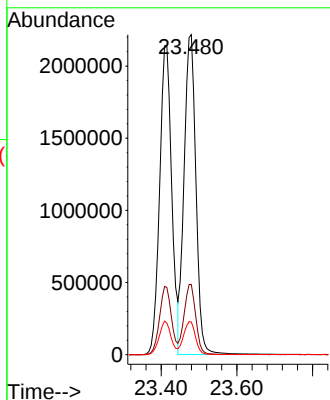
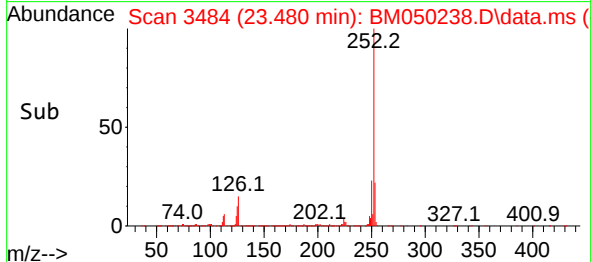
Instrument :
BNA_M
ClientSampleId :
PB168340BS



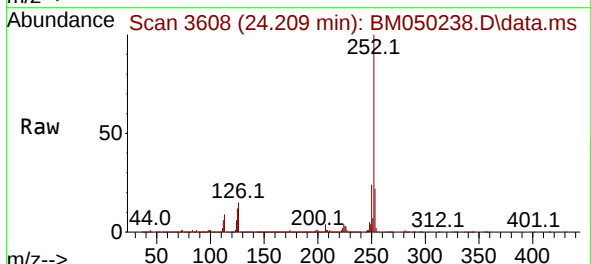
Tgt Ion:252 Resp: 4799784
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.2 8.2 12.4

Manual Integrations
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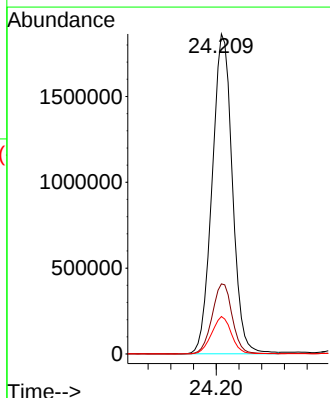
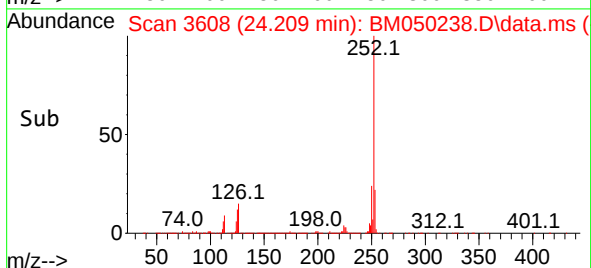
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

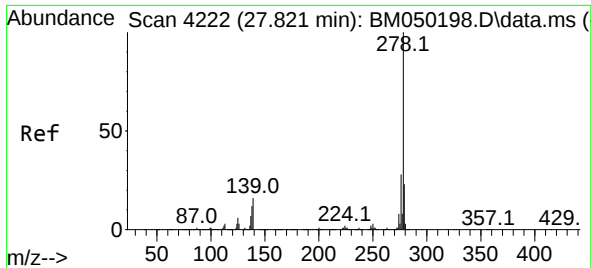


#90
Benzo(a)pyrene
Concen: 51.011 ng
RT: 24.209 min Scan# 3608
Delta R.T. -0.000 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



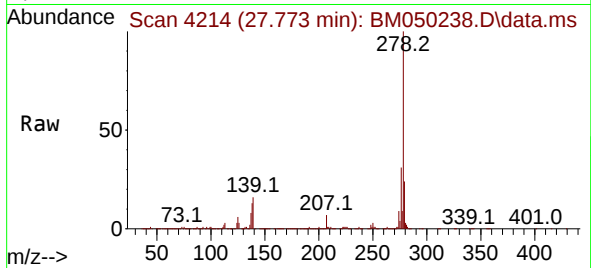
Tgt Ion:252 Resp: 4602184
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.7 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 53.949 ng
RT: 27.773 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05

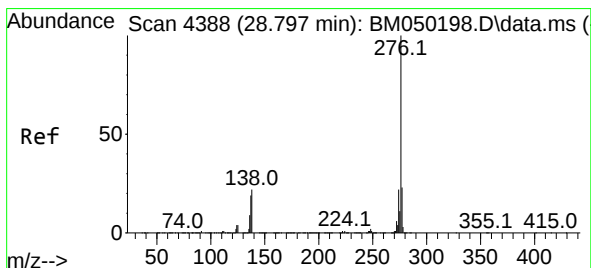
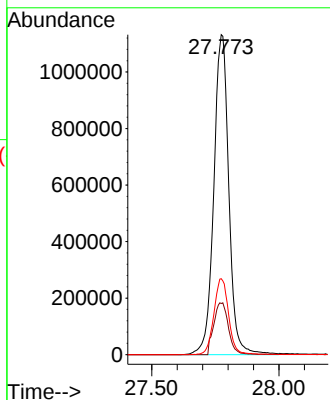
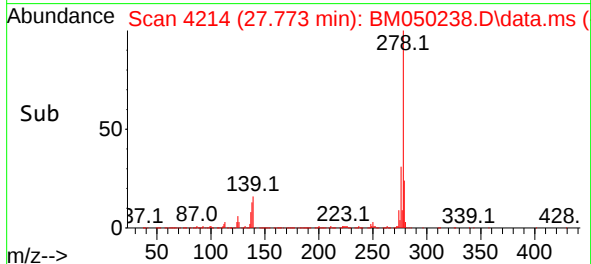
Instrument :
BNA_M
ClientSampleId :
PB168340BS



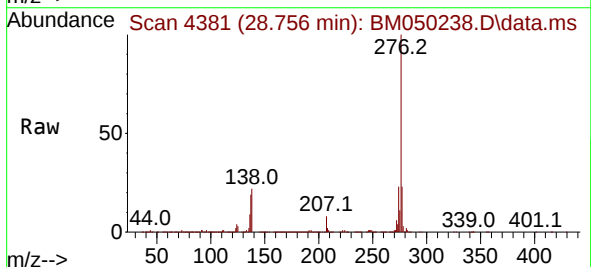
Tgt Ion:278 Resp: 465355
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.7 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#92
Benzo(g,h,i)perylene
Concen: 53.792 ng
RT: 28.756 min Scan# 4381
Delta R.T. 0.006 min
Lab File: BM050238.D
Acq: 09 Jun 2025 12:05



Tgt Ion:276 Resp: 4644096
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 22.0 17.8 26.6

