

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
 Data File : BM050009.D
 Acq On : 23 Apr 2025 11:57
 Operator : RC/JU
 Sample : PB167694BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167694BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/24/2025
 Supervised By :Jagrut Upadhyay 04/24/2025

Quant Time: Apr 23 12:34:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	296831	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1002726	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	608556	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1118478	20.000	ng	0.00
76) Chrysene-d12	21.398	240	956744	20.000	ng	0.00
86) Perylene-d12	24.397	264	942360	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2317171	132.558	ng	0.00
7) Phenol-d6	6.951	99	2782016	127.915	ng	0.00
23) Nitrobenzene-d5	8.922	82	1643627	91.277	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1262839	142.667	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	4274372	95.243	ng	-0.02
79) Terphenyl-d14	19.780	244	5908931	115.743	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	260126	36.133	ng	98
3) Pyridine	3.652	79	721726	38.157	ng	100
4) n-Nitrosodimethylamine	3.558	42	312339	43.392	ng	94
6) Aniline	7.093	93	693153	37.194	ng	99
8) 2-Chlorophenol	7.334	128	804439	44.905	ng	98
9) Benzaldehyde	6.904	77	389777	34.924	ng	99
10) Phenol	6.975	94	937402	44.168	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	761062	45.727	ng	99
12) 1,3-Dichlorobenzene	7.651	146	941779	44.467	ng	99
13) 1,4-Dichlorobenzene	7.798	146	946669	44.422	ng	98
14) 1,2-Dichlorobenzene	8.116	146	906183	45.145	ng	99
15) Benzyl Alcohol	8.010	79	626716	45.761	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	895342	48.264	ng	99
17) 2-Methylphenol	8.222	107	607070	46.415	ng	100
18) Hexachloroethane	8.840	117	333429	44.972	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	544498	45.203	ng	99
20) 3+4-Methylphenols	8.551	107	808793	45.358	ng	99
22) Acetophenone	8.587	105	1078086	44.239	ng	99
24) Nitrobenzene	8.963	77	772326	44.543	ng	98
25) Isophorone	9.492	82	1440950	47.768	ng	99
26) 2-Nitrophenol	9.675	139	418264	45.513	ng	99
27) 2,4-Dimethylphenol	9.745	122	669400	64.273	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	913592	45.238	ng	99
29) 2,4-Dichlorophenol	10.228	162	761799	44.003	ng	100
30) 1,2,4-Trichlorobenzene	10.422	180	905313	45.203	ng	100
31) Naphthalene	10.610	128	2205041	42.796	ng	99
32) Benzoic acid	9.910	122	447380m	37.029	ng	
33) 4-Chloroaniline	10.728	127	284622	15.644	ng	98
34) Hexachlorobutadiene	10.892	225	587268	47.404	ng	99
35) Caprolactam	11.516	113	196597	39.594	ng	93
36) 4-Chloro-3-methylphenol	11.869	107	648886	42.789	ng	99
37) 2-Methylnaphthalene	12.222	142	1433219	39.481	ng	99
38) 1-Methylnaphthalene	12.445	142	1502383	42.480	ng	99
40) 1,2,4,5-Tetrachloroben...	12.598	216	998211	46.886	ng	99
41) Hexachlorocyclopentadiene	12.575	237	1277677	171.266	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	636463	46.980	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	677096	45.991	ng	99
46) 1,1'-Biphenyl	13.239	154	2044033	45.184	ng	100
47) 2-Chloronaphthalene	13.280	162	1627634	45.776	ng	99
48) 2-Nitroaniline	13.492	65	383799	46.658	ng	97
49) Acenaphthylene	14.133	152	2518539	48.627	ng	100
50) Dimethylphthalate	13.869	163	1922853	44.787	ng	99
51) 2,6-Dinitrotoluene	13.986	165	419555	46.643	ng	99
52) Acenaphthene	14.474	154	1450818	44.038	ng	99
53) 3-Nitroaniline	14.322	138	223175	25.671	ng	98
54) 2,4-Dinitrophenol	14.539	184	511868	78.708	ng	98
55) Dibenzofuran	14.810	168	2374030	43.106	ng	99
56) 4-Nitrophenol	14.663	139	619747	79.996	ng	99
57) 2,4-Dinitrotoluene	14.780	165	569971	47.497	ng	# 99
58) Fluorene	15.457	166	1946414	44.462	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	561673	43.528	ng	97
60) Diethylphthalate	15.233	149	1765700	42.886	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1086297	46.283	ng	99
62) 4-Nitroaniline	15.486	138	375066	41.718	ng	97
63) Azobenzene	15.745	77	1515558	42.995	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	324232	46.003	ng	96
66) n-Nitrosodiphenylamine	15.669	169	1615636	48.268	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	636796	49.044	ng	97
68) Hexachlorobenzene	16.468	284	727796	48.867	ng	100
69) Atrazine	16.621	200	567343	65.373	ng	99
70) Pentachlorophenol	16.816	266	911239	83.107	ng	100
71) Phenanthrene	17.198	178	2862744	46.686	ng	100
72) Anthracene	17.292	178	2912844	48.203	ng	99
73) Carbazole	17.563	167	2514707	44.182	ng	99
74) Di-n-butylphthalate	18.121	149	2956887	45.104	ng	100
75) Fluoranthene	19.215	202	3234311	42.898	ng	99
77) Benzidine	19.404	184	1078879	85.001	ng	99
78) Pyrene	19.580	202	3360749	50.969	ng	99
80) Butylbenzylphthalate	20.474	149	1205622	48.661	ng	99
81) Benzo(a)anthracene	21.380	228	3034858	47.729	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	755972	31.483	ng	99
83) Chrysene	21.439	228	2781978	46.021	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	1740170	48.207	ng	100
85) Di-n-octyl phthalate	22.427	149	2790802	44.193	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3466241	49.345	ng	99
88) Benzo(b)fluoranthene	23.450	252	2806020	46.623	ng	100
89) Benzo(k)fluoranthene	23.515	252	2709142	46.450	ng	100
90) Benzo(a)pyrene	24.262	252	2636799	49.858	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	2806898	48.512	ng	100
92) Benzo(g,h,i)perylene	28.856	276	2752027	46.546	ng	98

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

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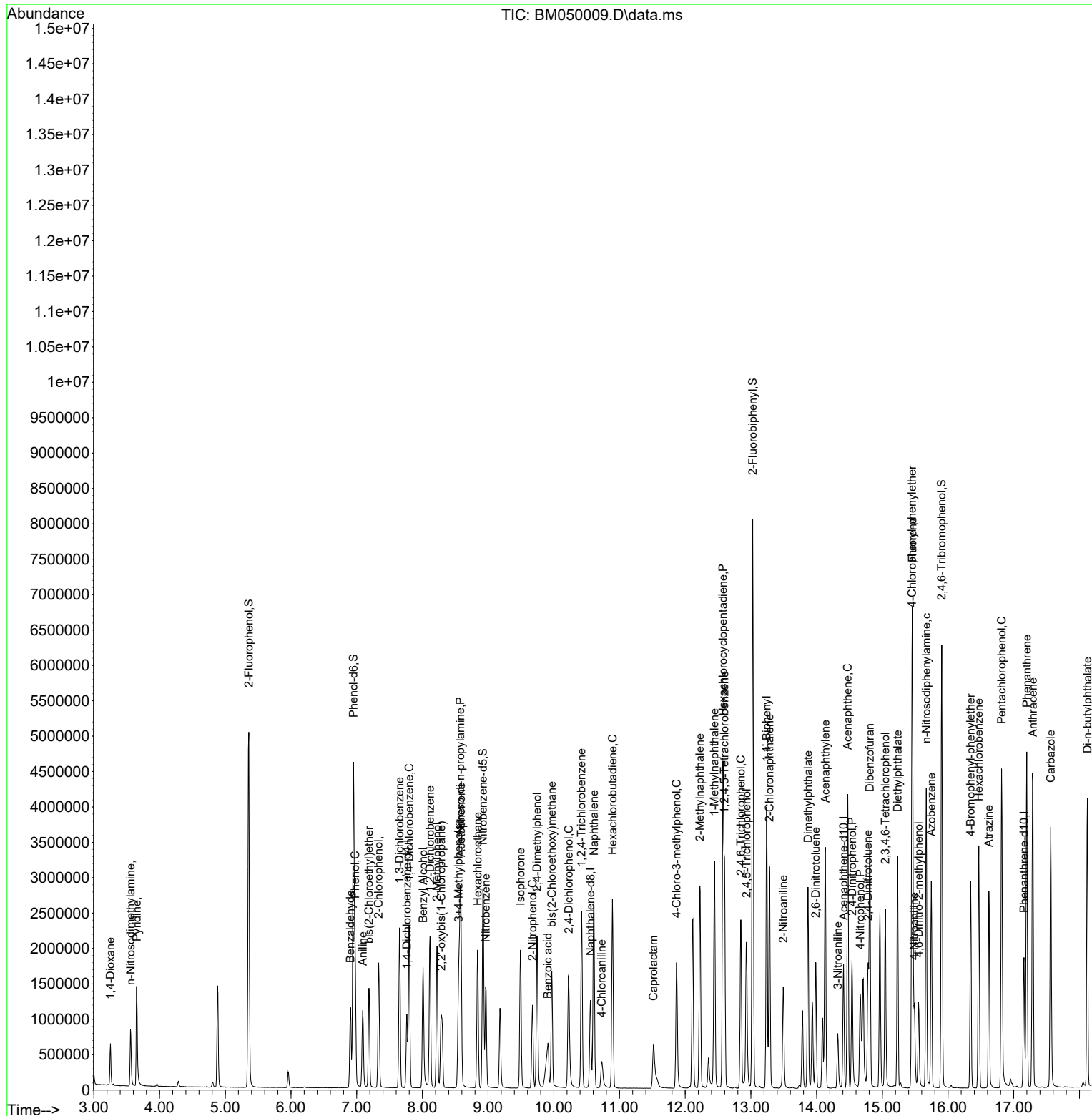
Quant Time: Apr 23 12:34:54 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M

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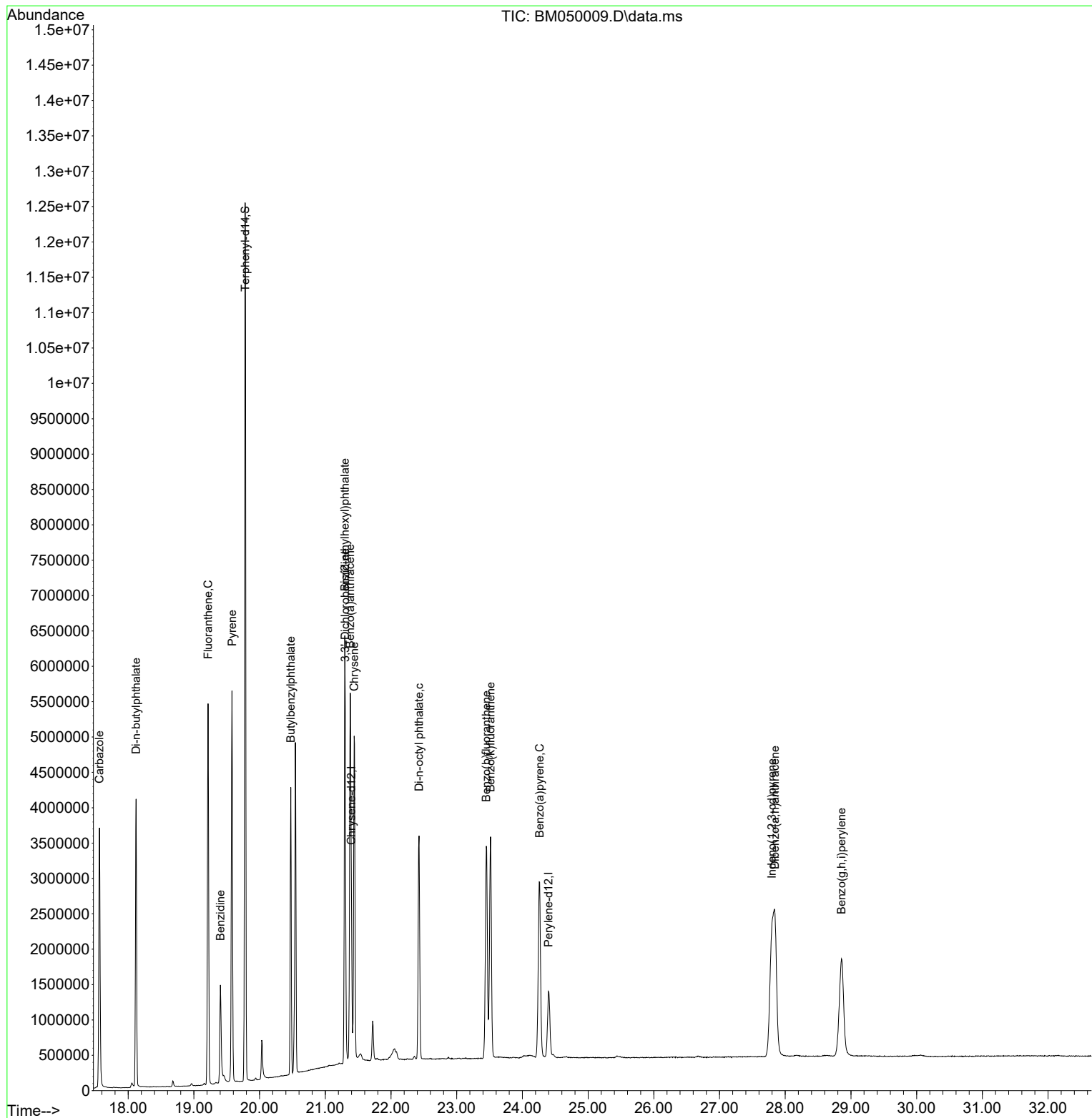
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
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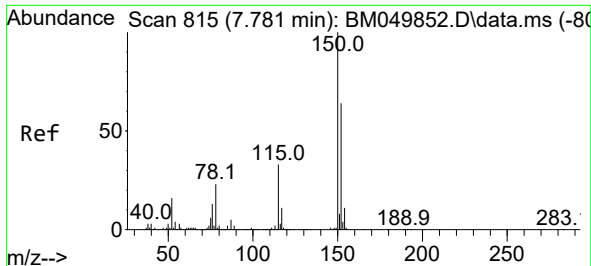
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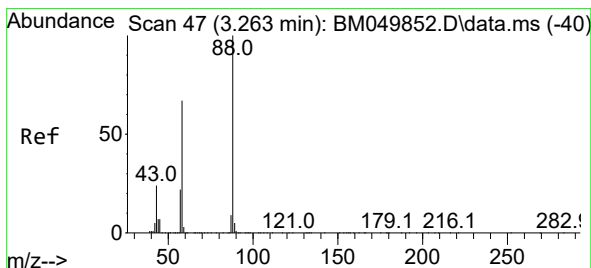
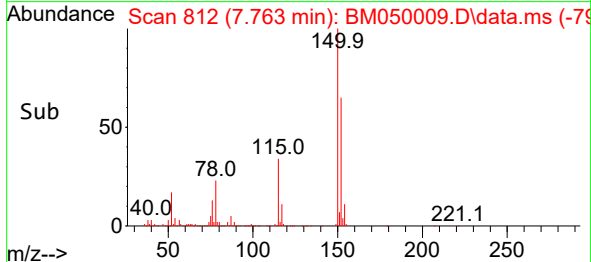
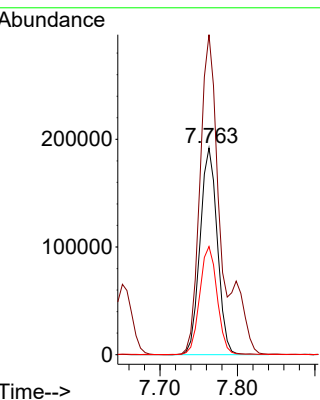
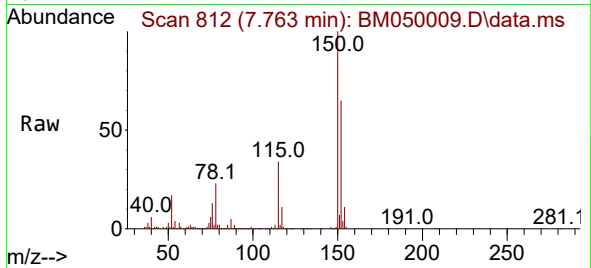
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

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ClientSampleId :
PB167694BS

Tgt Ion:152 Resp: 29683
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 52.3 41.1 61.7

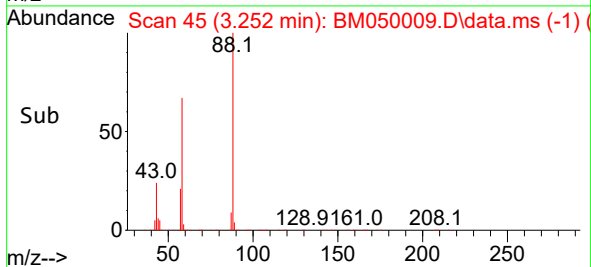
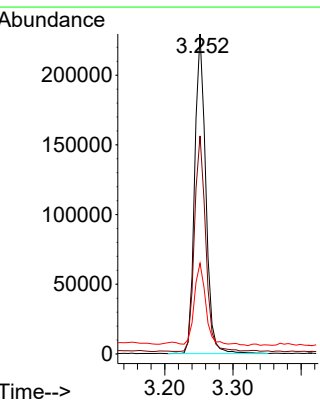
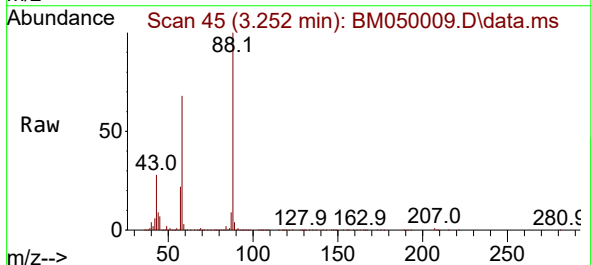
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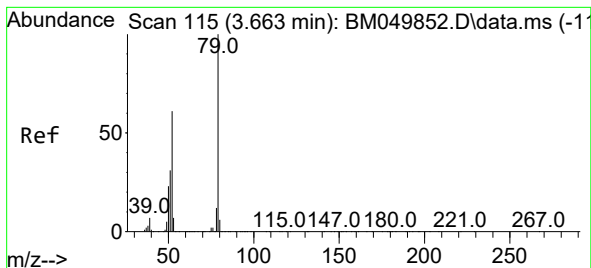
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#2
1,4-Dioxane
Concen: 36.133 ng
RT: 3.252 min Scan# 45
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Tgt Ion: 88 Resp: 260126
Ion Ratio Lower Upper
88 100
58 68.1 54.1 81.1
43 27.3 20.2 30.4





#3

Pyridine

Concen: 38.157 ng

RT: 3.652 min Scan# 115

Delta R.T. -0.012 min

Lab File: BM050009.D

Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS

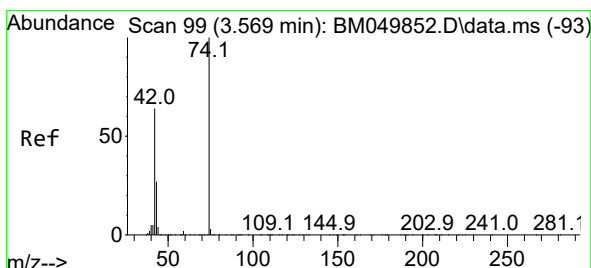
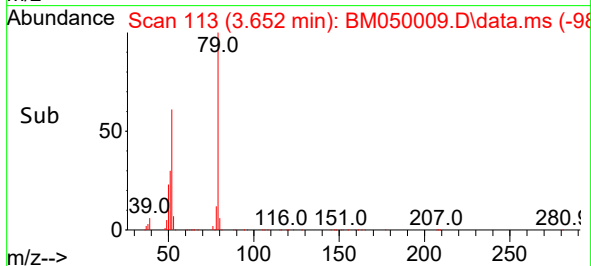
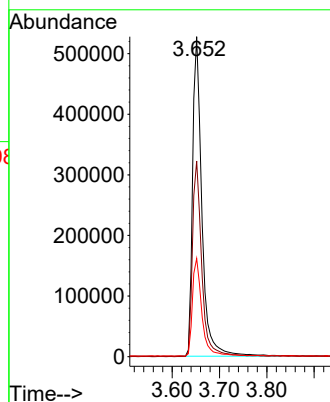
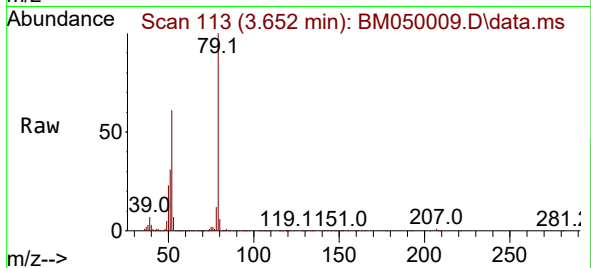
Tgt Ion: 79 Resp: 721720
 Ion Ratio Lower Upper
 79 100
 52 61.2 48.9 73.3
 51 30.7 25.0 37.6

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#4

n-Nitrosodimethylamine

Concen: 43.392 ng

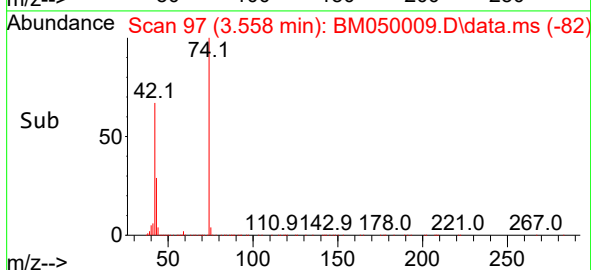
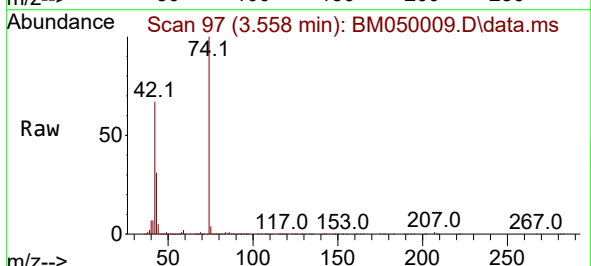
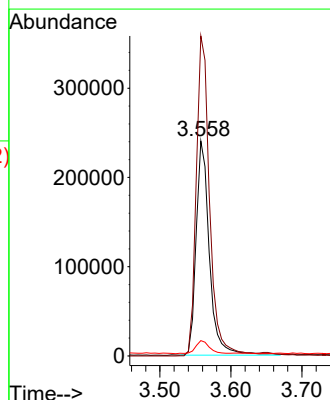
RT: 3.558 min Scan# 97

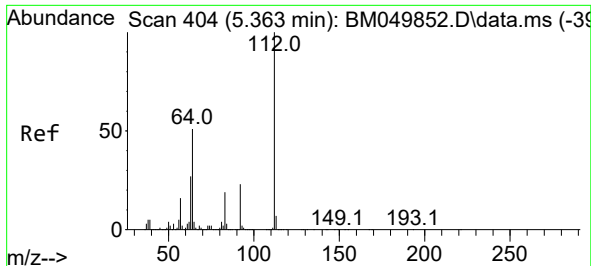
Delta R.T. -0.012 min

Lab File: BM050009.D

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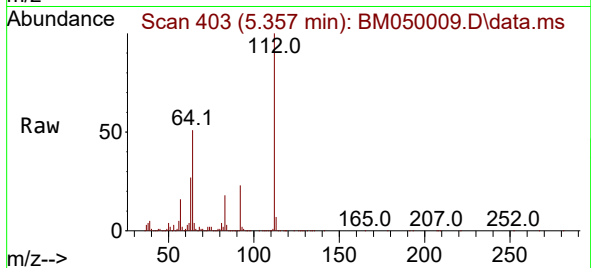
Tgt Ion: 42 Resp: 312339
 Ion Ratio Lower Upper
 42 100
 74 148.9 125.4 188.2
 44 7.1 5.9 8.9





#5
2-Fluorophenol
Concen: 132.558 ng
RT: 5.357 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

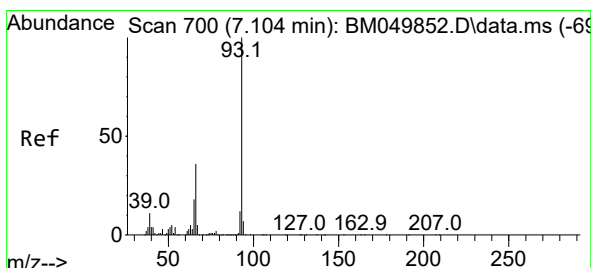
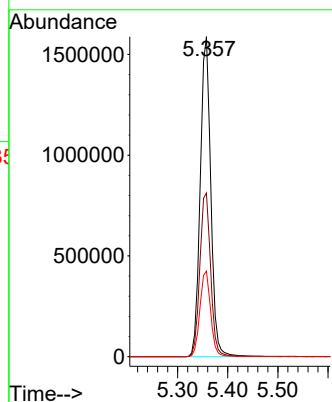
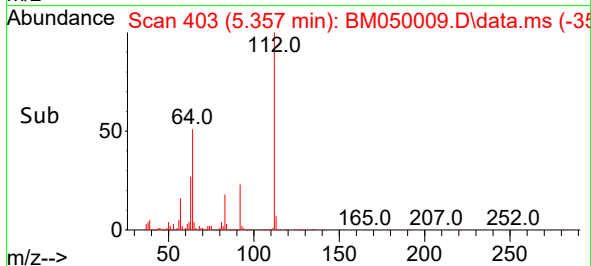
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Tgt Ion: 112 Resp: 231717
Ion Ratio Lower Upper
112 100
64 51.1 41.0 61.6
63 26.7 21.5 32.3

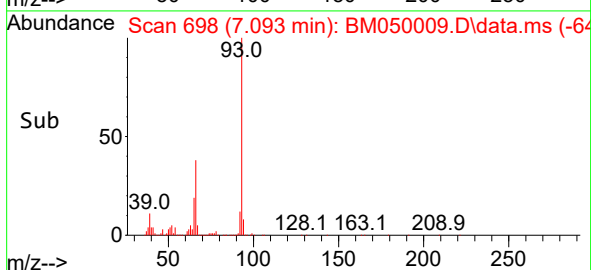
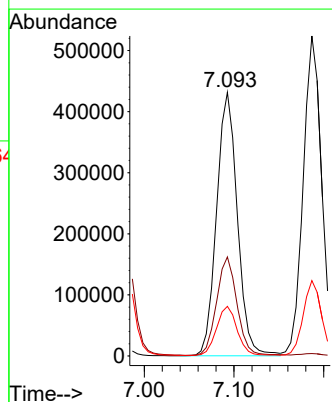
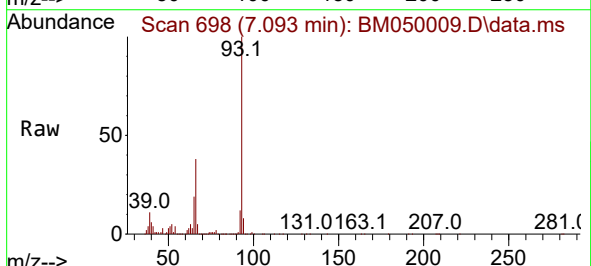
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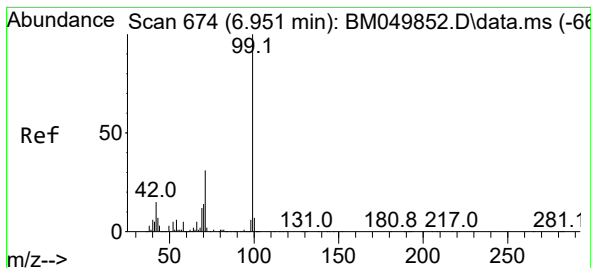
Reviewed By :Rahul Chavli 04/24/2025
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#6
Aniline
Concen: 37.194 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.012 min
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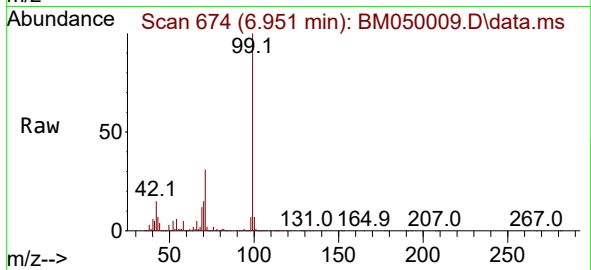
Tgt Ion: 93 Resp: 693153
Ion Ratio Lower Upper
93 100
66 37.6 29.1 43.7
65 18.8 14.9 22.3





#7
Phenol-d6
Concen: 127.915 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050009.D
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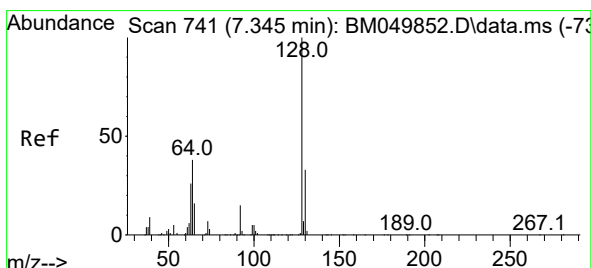
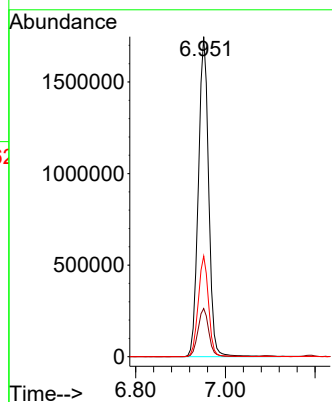
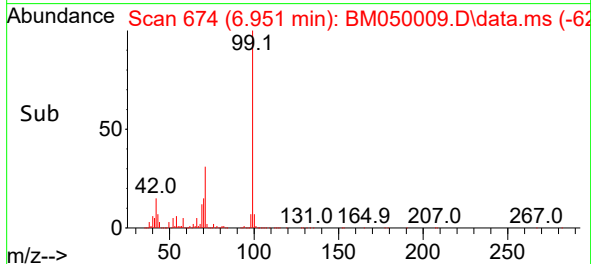
Instrument :
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Tgt Ion: 99 Resp: 2782010
Ion Ratio Lower Upper
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42 15.0 12.1 18.1
71 31.5 24.9 37.3

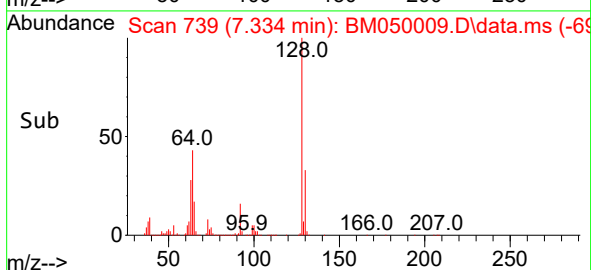
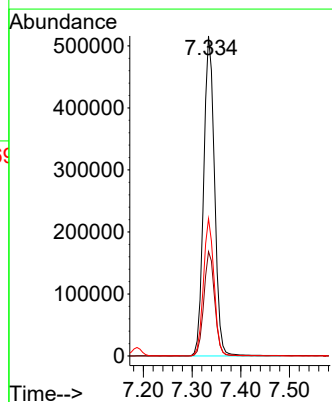
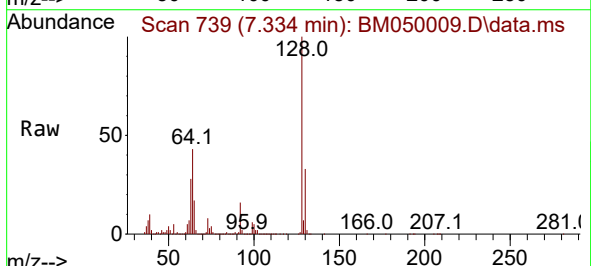
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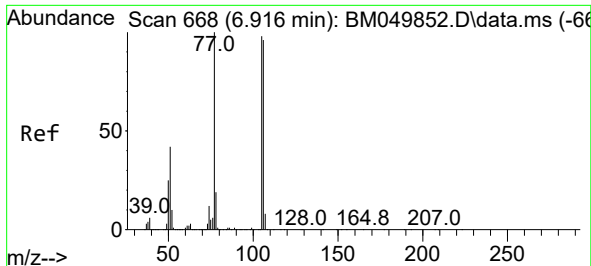
Reviewed By :Rahul Chavli 04/24/2025
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#8
2-Chlorophenol
Concen: 44.905 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.012 min
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Tgt Ion:128 Resp: 804439
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 42.9 21.1 61.1





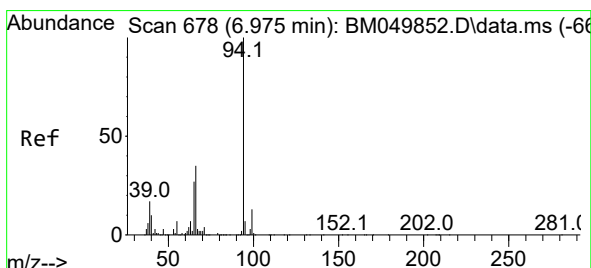
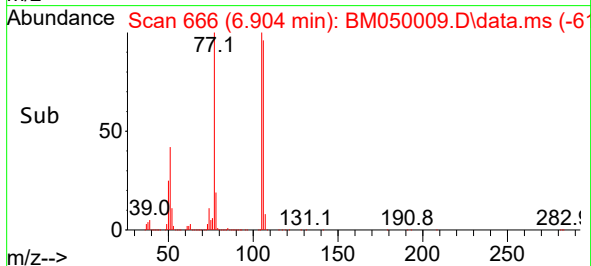
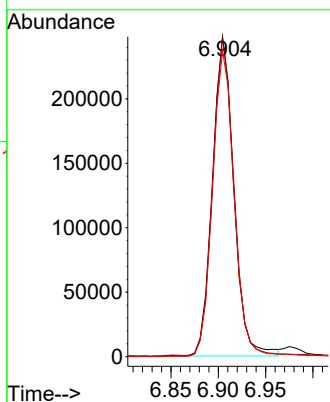
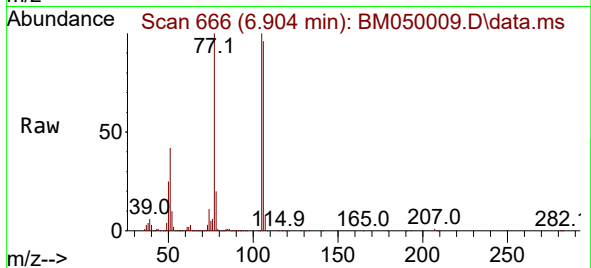
#9
Benzaldehyde
Concen: 34.924 ng
RT: 6.904 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Instrument :
BNA_M
ClientSampleId :
PB167694BS

Tgt Ion: 77 Resp: 389777
Ion Ratio Lower Upper
77 100
105 99.8 78.3 118.3
106 95.6 76.0 116.0

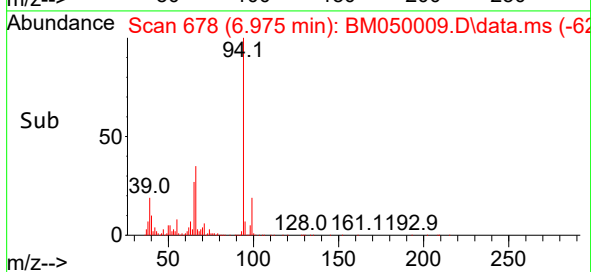
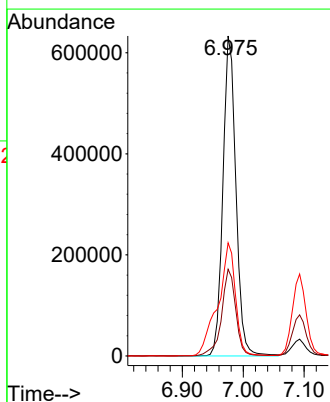
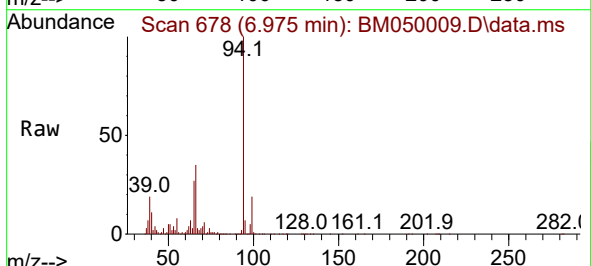
Manual Integrations
APPROVED

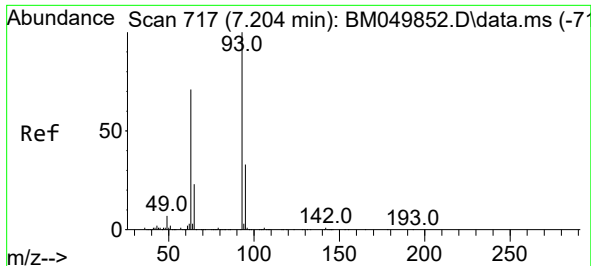
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#10
Phenol
Concen: 44.168 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

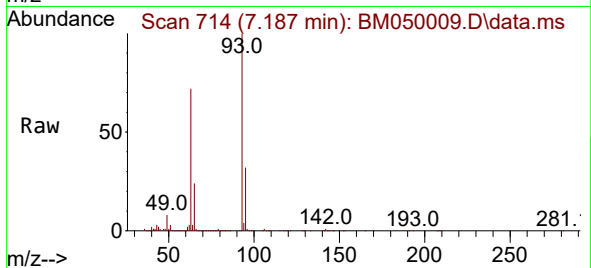
Tgt Ion: 94 Resp: 937402
Ion Ratio Lower Upper
94 100
65 27.1 7.3 47.3
66 35.4 14.8 54.8





#11
bis(2-Chloroethyl)ether
Concen: 45.727 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

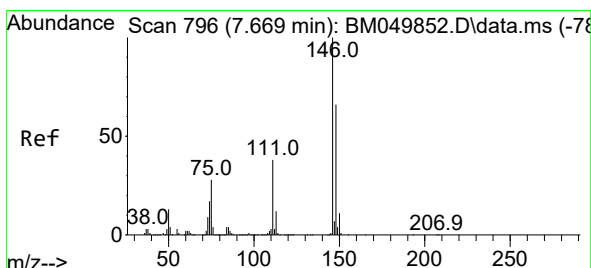
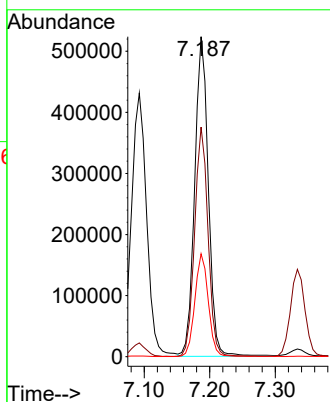
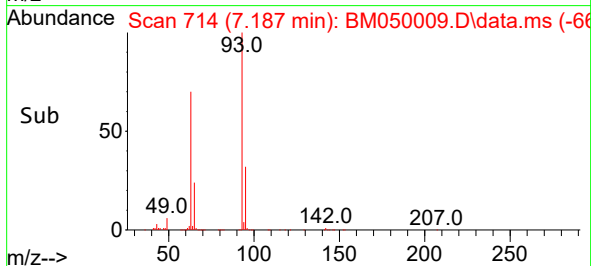
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion: 93 Resp: 761062
Ion Ratio Lower Upper
93 100
63 71.8 50.9 90.9
95 32.1 12.6 52.6

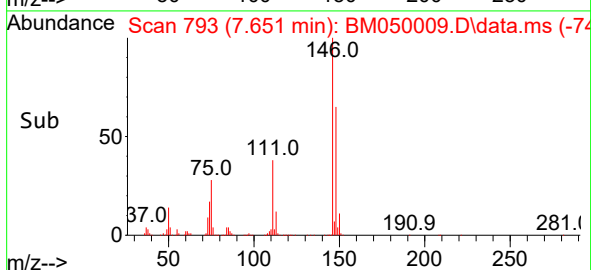
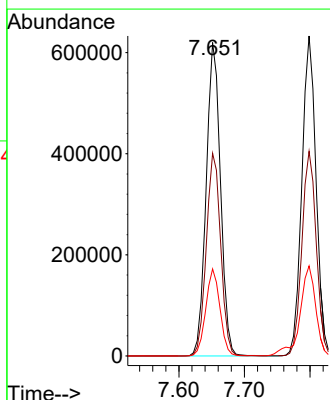
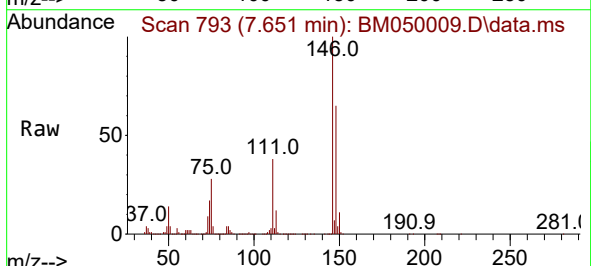
Manual Integrations
APPROVED

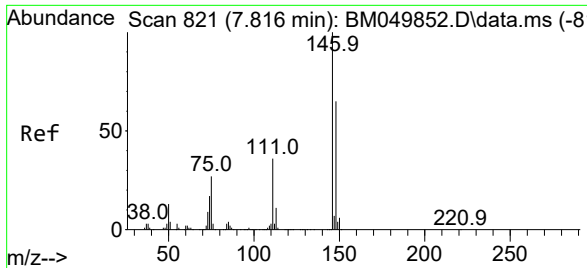
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#12
1,3-Dichlorobenzene
Concen: 44.467 ng
RT: 7.651 min Scan# 793
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

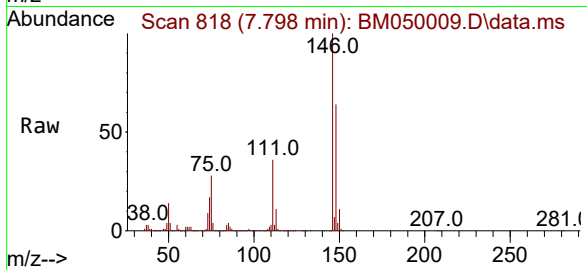
Tgt Ion:146 Resp: 941779
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 27.8 22.5 33.7





#13
1,4-Dichlorobenzene
Concen: 44.422 ng
RT: 7.798 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

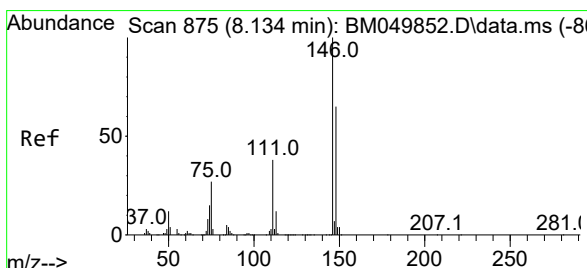
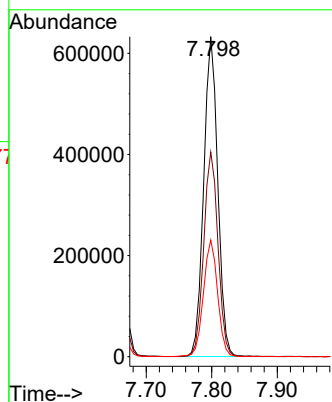
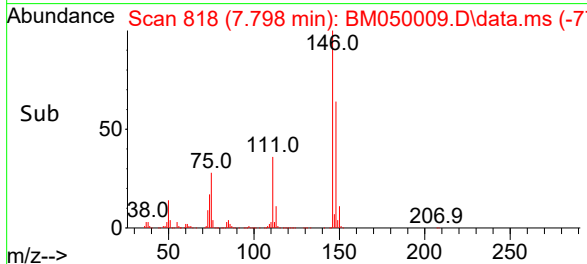
Instrument :
BNA_M
ClientSampleId :
PB167694BS



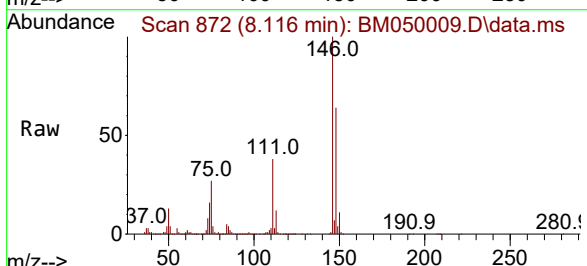
Tgt Ion:146 Resp: 946669
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
111 36.5 28.5 42.7

Manual Integrations
APPROVED

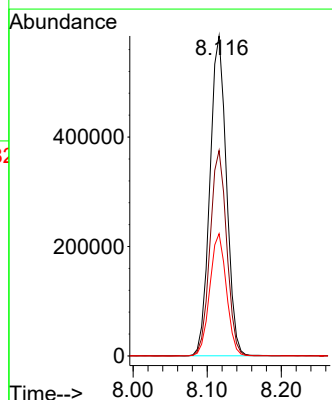
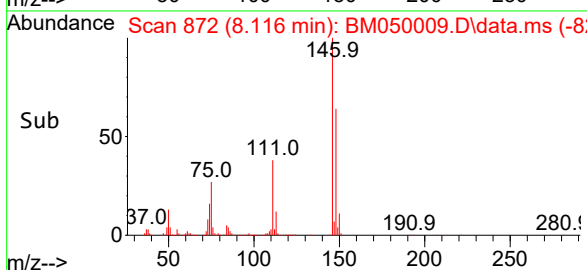
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

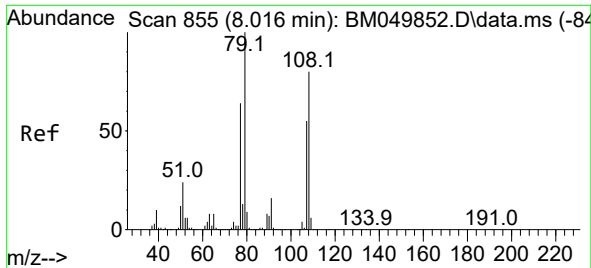


#14
1,2-Dichlorobenzene
Concen: 45.145 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



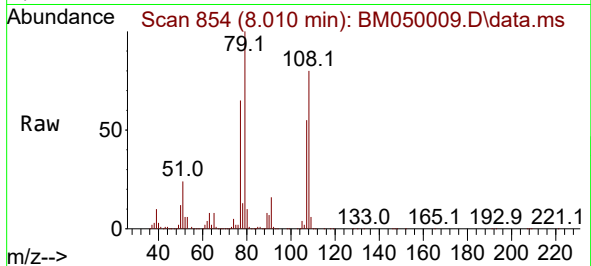
Tgt Ion:146 Resp: 906183
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 38.2 30.2 45.4





#15
Benzyl Alcohol
Concen: 45.761 ng
RT: 8.010 min Scan# 801
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

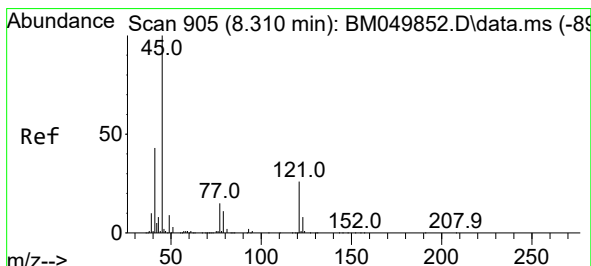
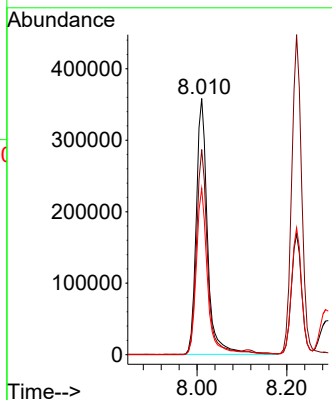
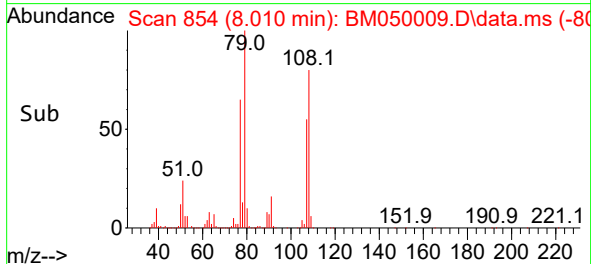
Instrument :
BNA_M
ClientSampleId :
PB167694BS



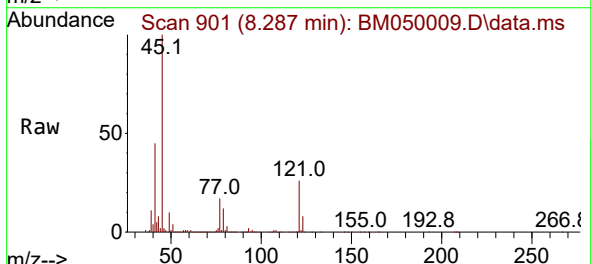
Tgt Ion: 79 Resp: 626710
Ion Ratio Lower Upper
79 100
108 80.1 63.6 95.4
77 64.9 51.3 76.9

Manual Integrations
APPROVED

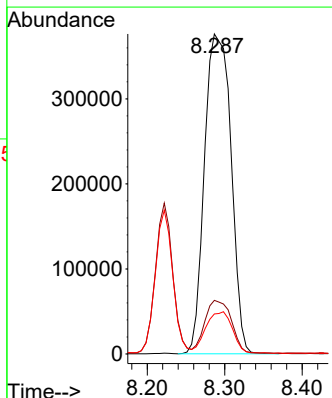
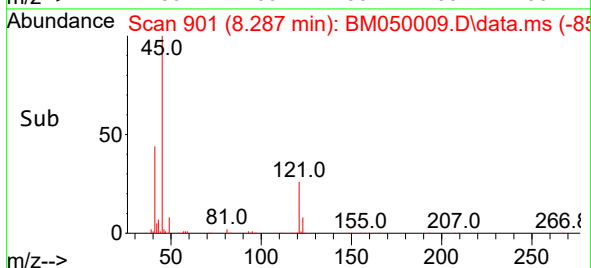
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

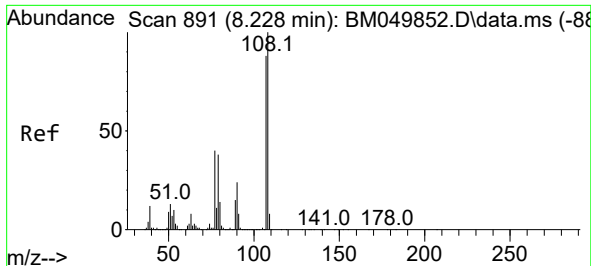


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.264 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.023 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



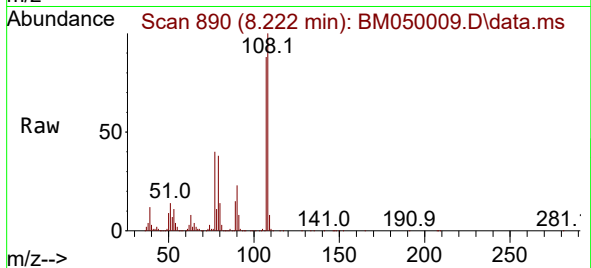
Tgt Ion: 45 Resp: 895342
Ion Ratio Lower Upper
45 100
77 16.8 0.0 36.9
79 12.5 0.0 32.9





#17
2-Methylphenol
Concen: 46.415 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Instrument :
BNA_M
ClientSampleId :
PB167694BS

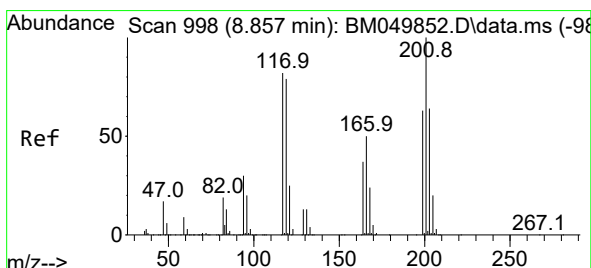
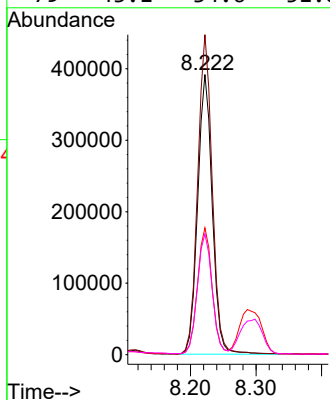
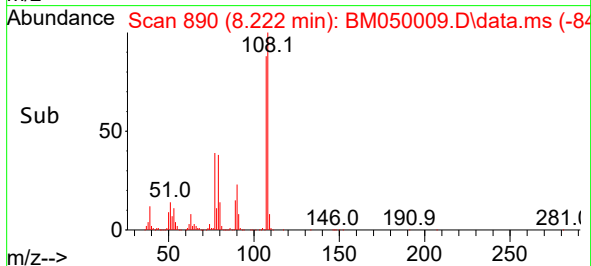


Tgt Ion:107 Resp: 607070

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.6
77	45.3	36.5	54.7
79	43.1	34.6	51.8

Manual Integrations
APPROVED

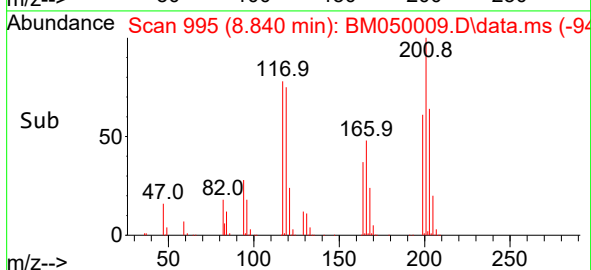
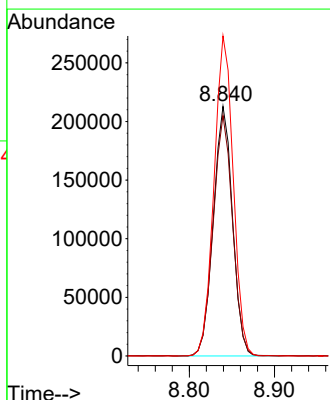
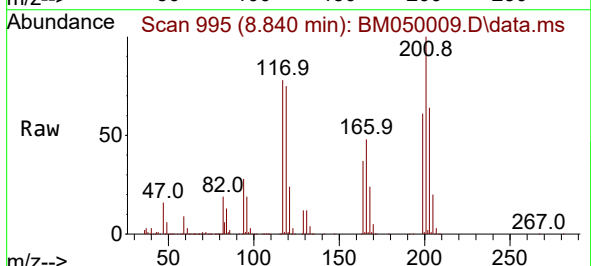
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

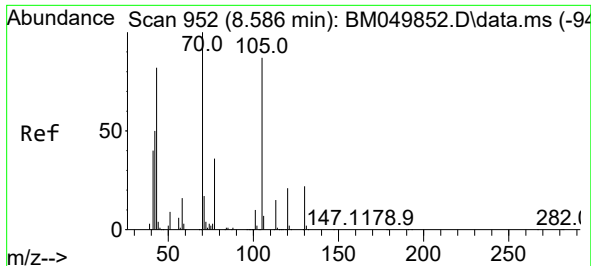


#18
Hexachloroethane
Concen: 44.972 ng
RT: 8.840 min Scan# 995
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Tgt Ion:117 Resp: 333429

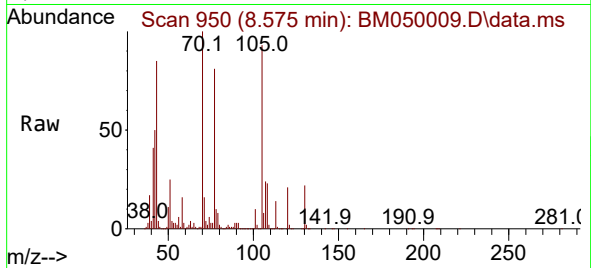
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.5	116.3
201	128.2	97.7	146.5





#19
n-Nitroso-di-n-propylamine
Concen: 45.203 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

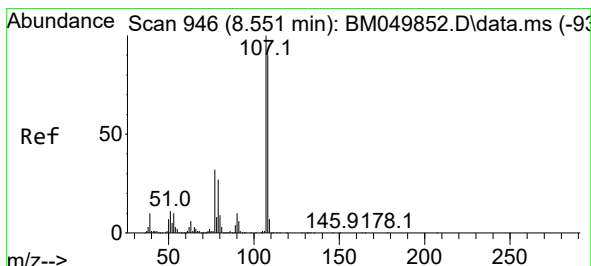
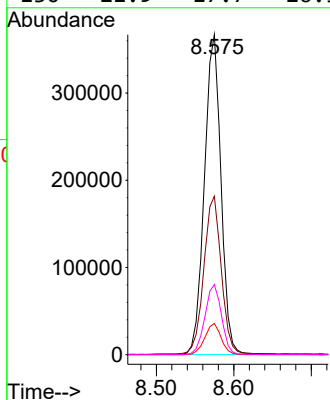
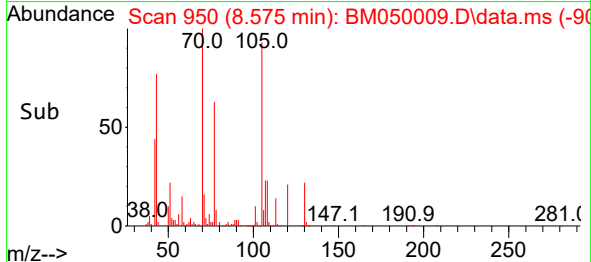
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion: 70 Resp: 544498
Ion Ratio Lower Upper
70 100
42 49.5 40.2 60.2
101 9.7 7.9 11.9
130 21.9 17.7 26.5

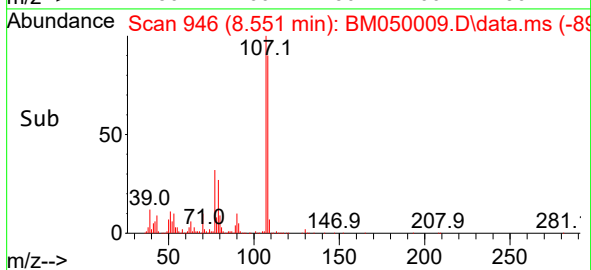
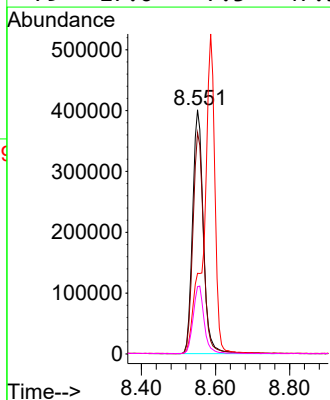
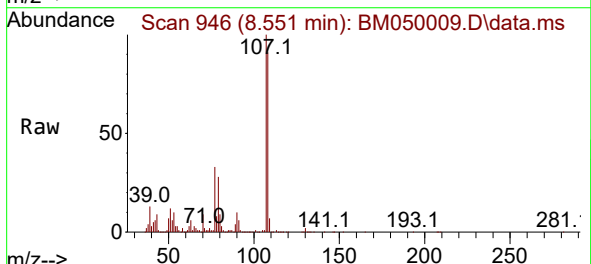
Manual Integrations
APPROVED

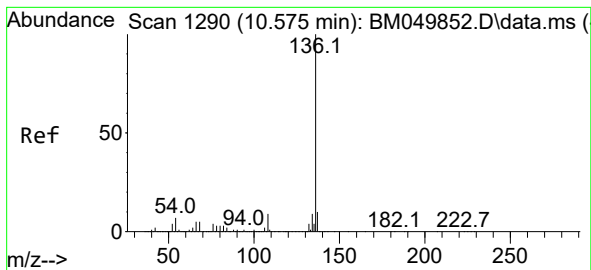
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#20
3+4-Methylphenols
Concen: 45.358 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

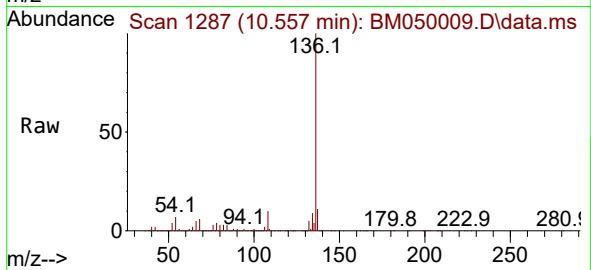
Tgt Ion:107 Resp: 808793
Ion Ratio Lower Upper
107 100
108 90.6 69.6 109.6
77 33.0 11.7 51.7
79 27.6 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

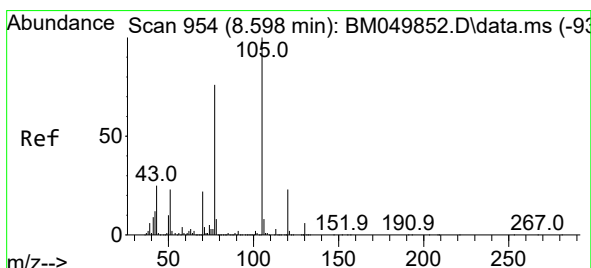
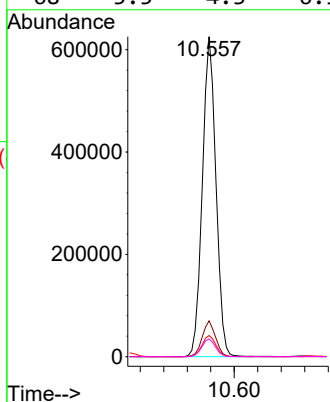
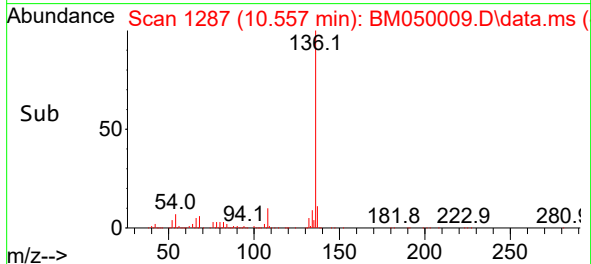
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion:136 Resp: 1002720
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.6 5.3 7.9
68 5.5 4.3 6.5

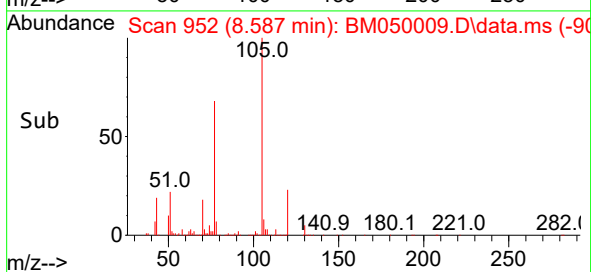
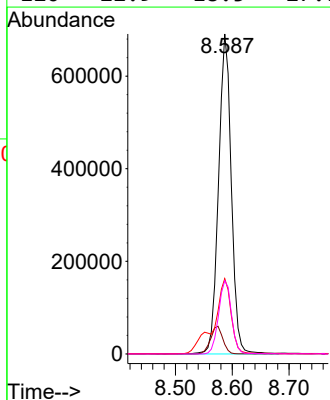
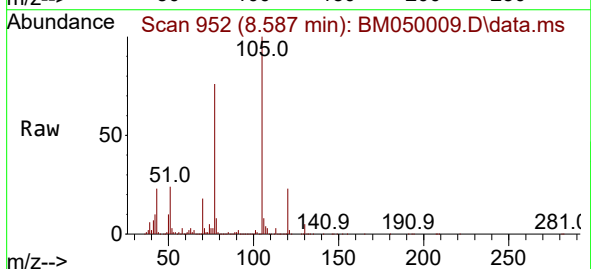
Manual Integrations
APPROVED

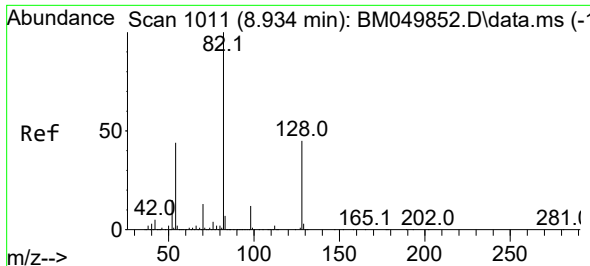
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#22
Acetophenone
Concen: 44.239 ng
RT: 8.587 min Scan# 952
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

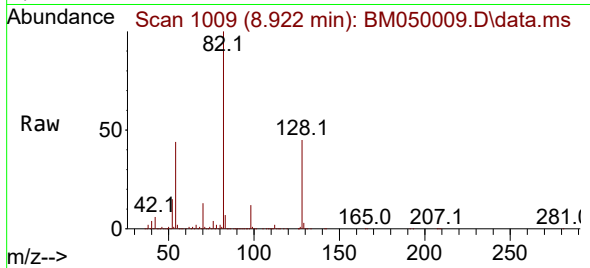
Tgt Ion:105 Resp: 1078086
Ion Ratio Lower Upper
105 100
71 3.0 3.0 4.4
51 23.5 18.6 27.8
120 22.9 18.5 27.7





#23
Nitrobenzene-d5
Concen: 91.277 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

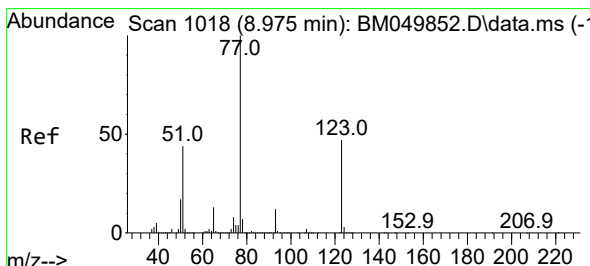
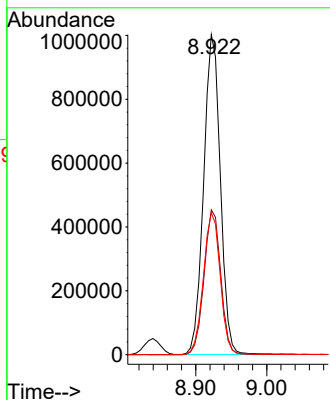
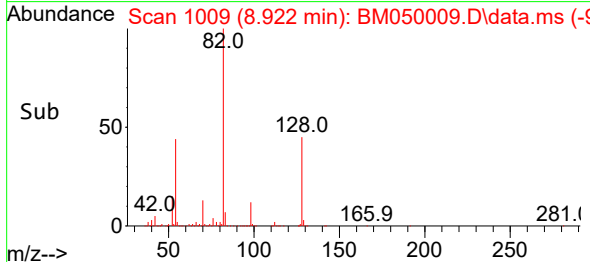
Instrument :
BNA_M
ClientSampleId :
PB167694BS



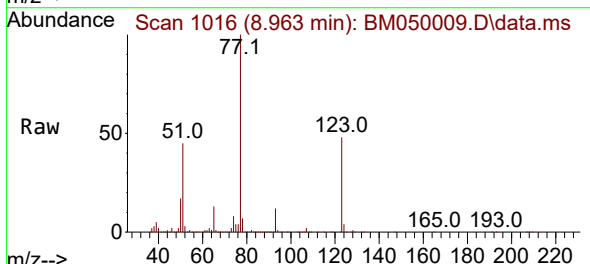
Tgt Ion: 82 Resp: 164362
Ion Ratio Lower Upper
82 100
128 45.3 36.2 54.2
54 44.4 35.0 52.6

Manual Integrations
APPROVED

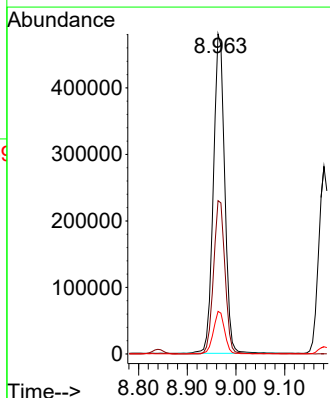
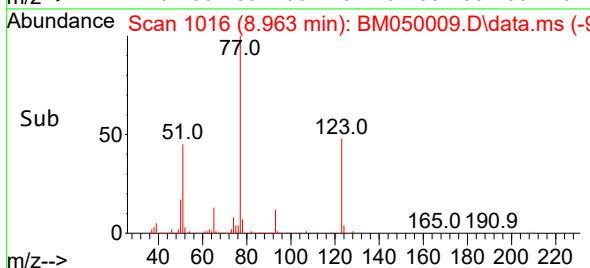
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

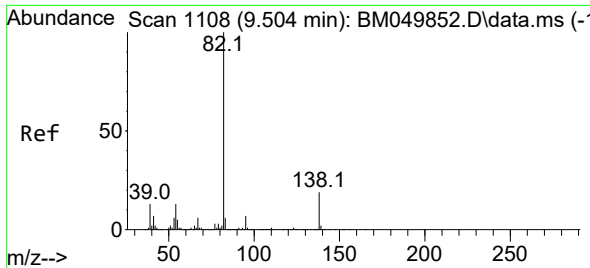


#24
Nitrobenzene
Concen: 44.543 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



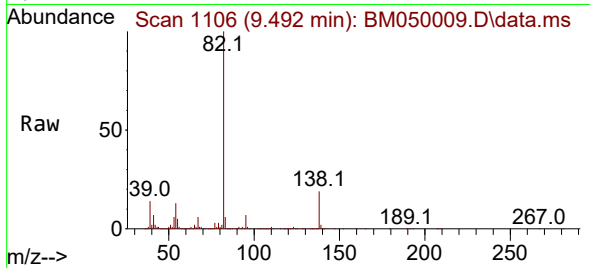
Tgt Ion: 77 Resp: 772326
Ion Ratio Lower Upper
77 100
123 47.9 37.4 56.2
65 13.3 10.1 15.1





#25
Isophorone
Concen: 47.768 ng
RT: 9.492 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

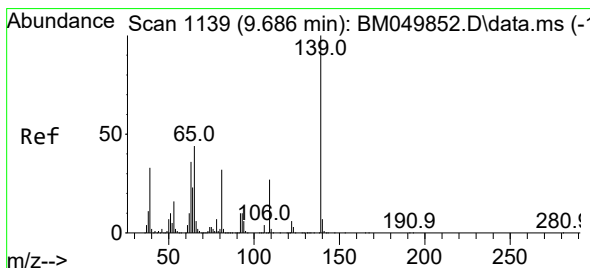
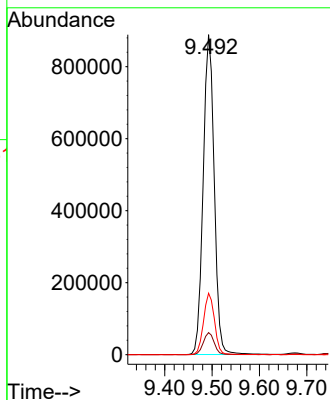
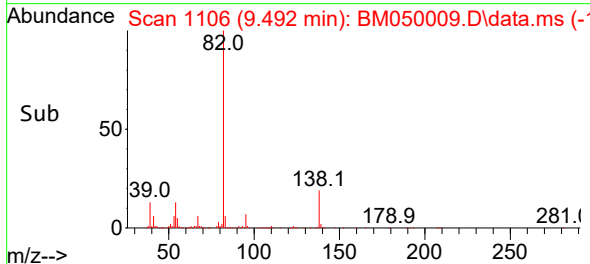
Instrument :
BNA_M
ClientSampleId :
PB167694BS



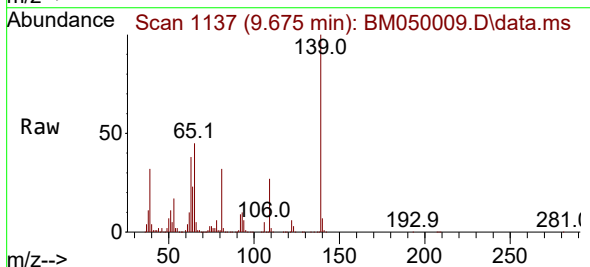
Tgt Ion: 82 Resp: 1440950
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 19.2 15.0 22.6

Manual Integrations
APPROVED

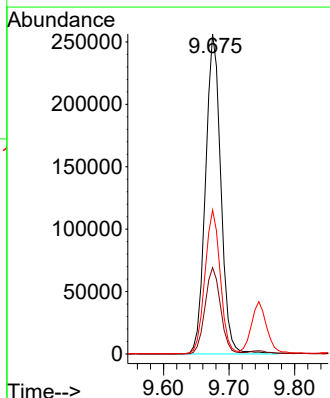
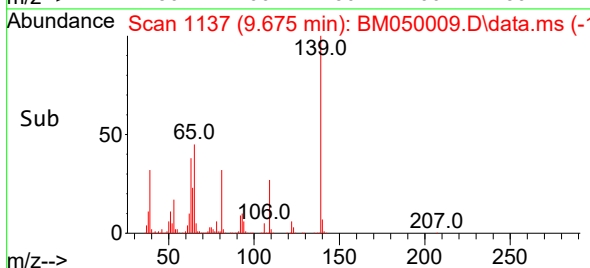
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

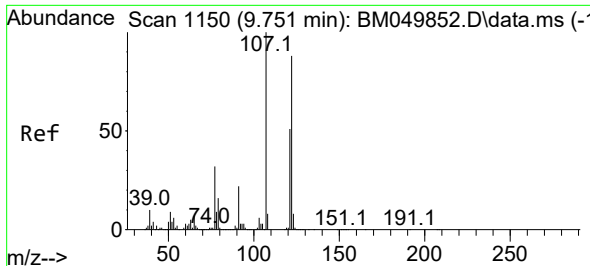


#26
2-Nitrophenol
Concen: 45.513 ng
RT: 9.675 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



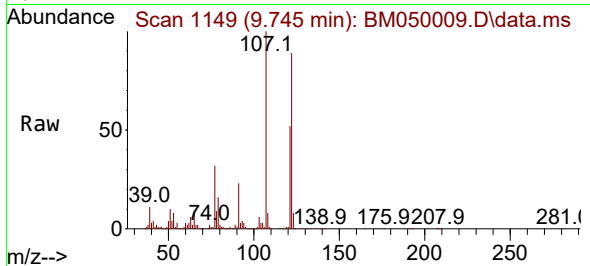
Tgt Ion:139 Resp: 418264
Ion Ratio Lower Upper
139 100
109 27.0 21.7 32.5
65 45.0 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 64.273 ng
RT: 9.745 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

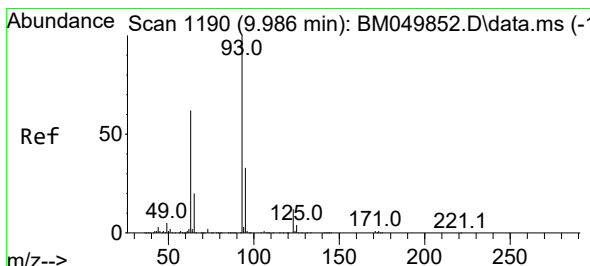
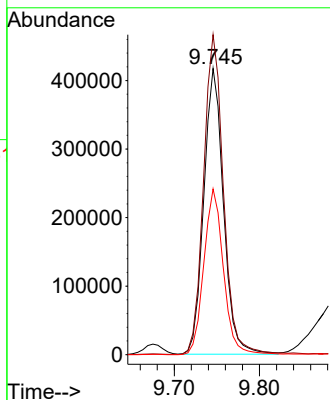
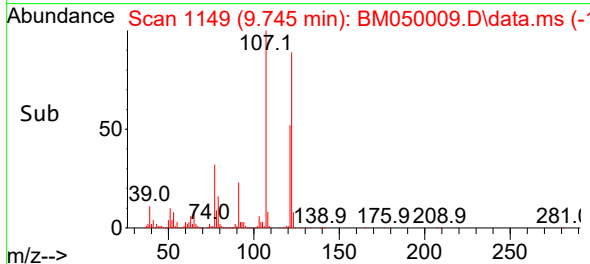
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion: 122 Resp: 669400
Ion Ratio Lower Upper
122 100
107 111.8 90.3 135.5
121 57.9 46.1 69.1

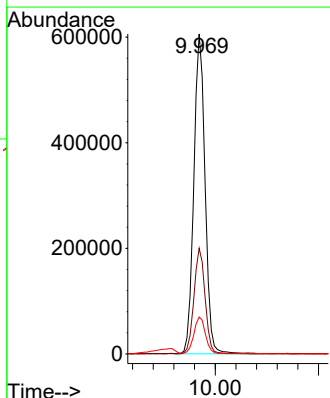
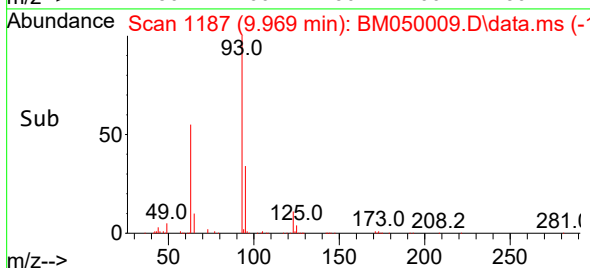
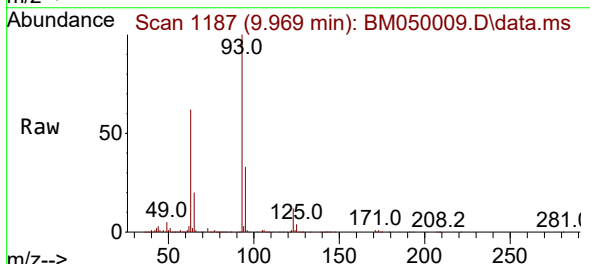
Manual Integrations
APPROVED

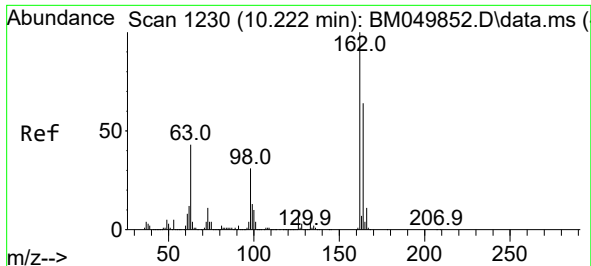
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.238 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Tgt Ion: 93 Resp: 913592
Ion Ratio Lower Upper
93 100
95 33.0 26.6 40.0
123 11.5 9.5 14.3





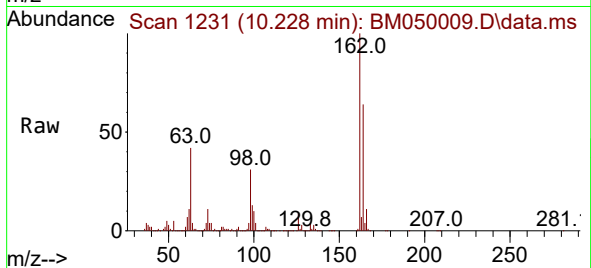
#29
2,4-Dichlorophenol
Concen: 44.003 ng
RT: 10.228 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS

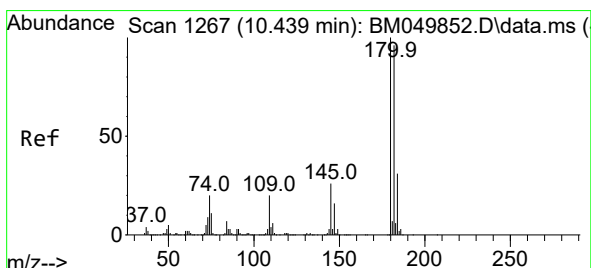
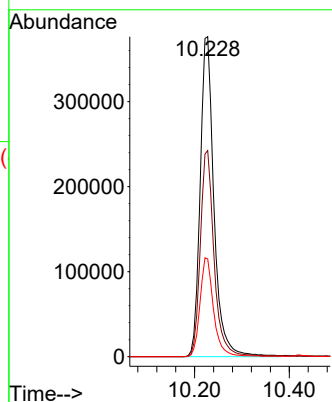
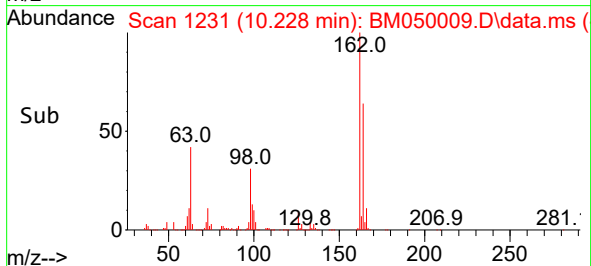


Tgt Ion:162 Resp: 761799
Ion Ratio Lower Upper
162 100
164 64.4 44.3 84.3
98 30.6 10.9 50.9

Manual Integrations

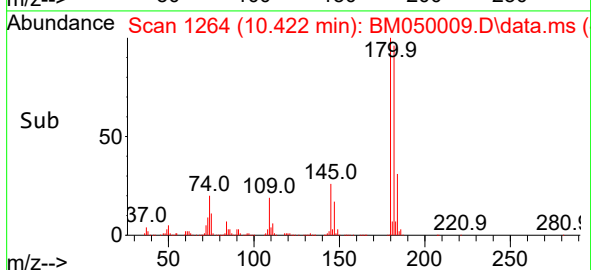
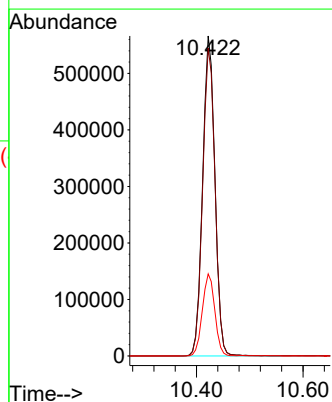
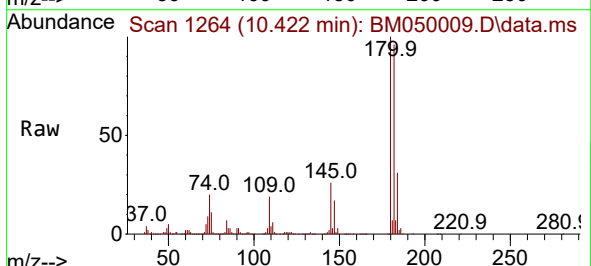
APPROVED

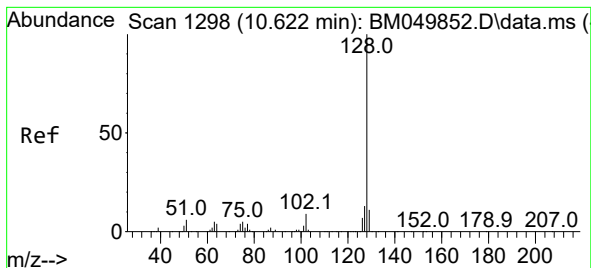
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.203 ng
RT: 10.422 min Scan# 1264
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

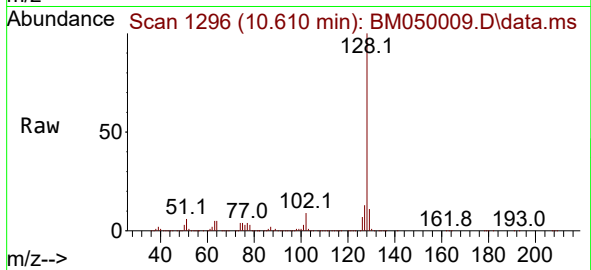
Tgt Ion:180 Resp: 905313
Ion Ratio Lower Upper
180 100
182 96.2 76.7 115.1
145 25.7 20.8 31.2





#31
Naphthalene
Concen: 42.796 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

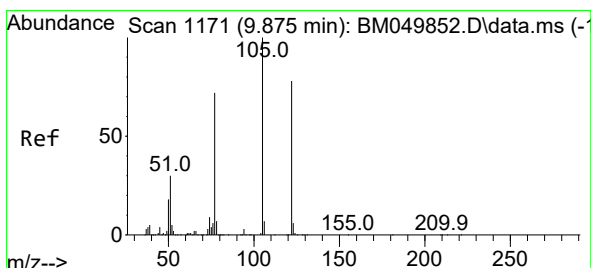
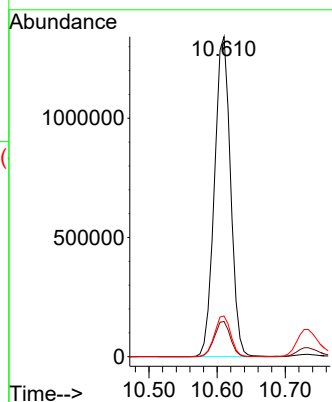
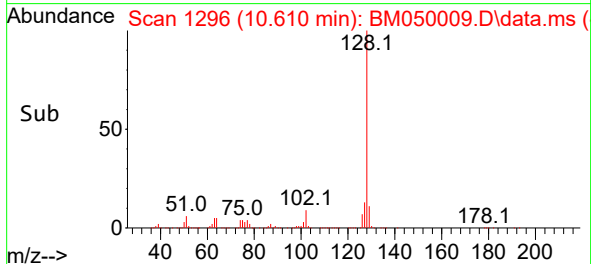
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion:128 Resp: 220504
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.6 15.8

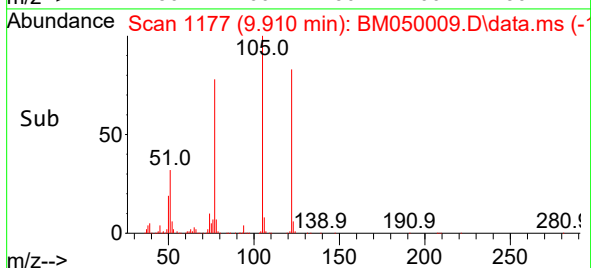
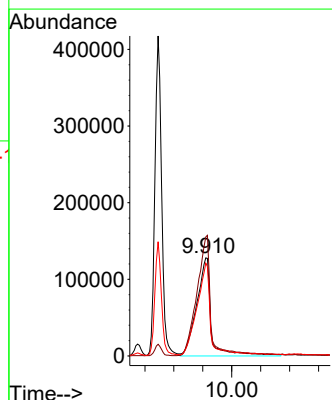
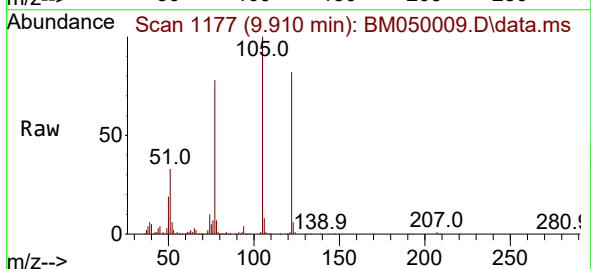
Manual Integrations
APPROVED

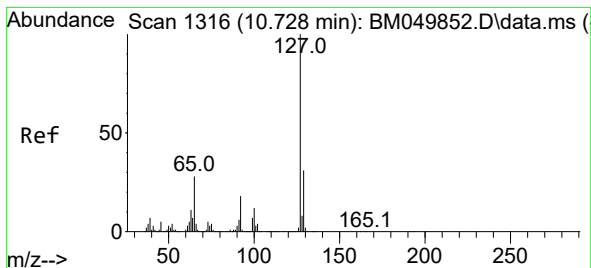
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#32
Benzoic acid
Concen: 37.029 ng m
RT: 9.910 min Scan# 1177
Delta R.T. 0.035 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

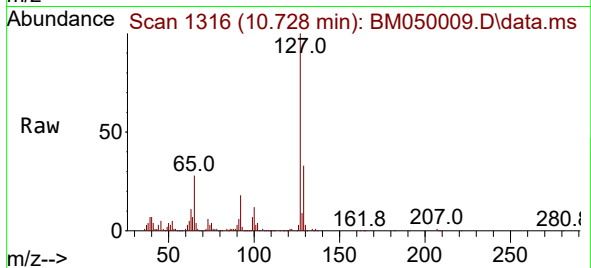
Tgt Ion:122 Resp: 447380
Ion Ratio Lower Upper
122 100
105 121.4 103.8 143.8
77 94.6 70.7 110.7





#33
4-Chloroaniline
Concen: 15.644 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Instrument :
BNA_M
ClientSampleId :
PB167694BS

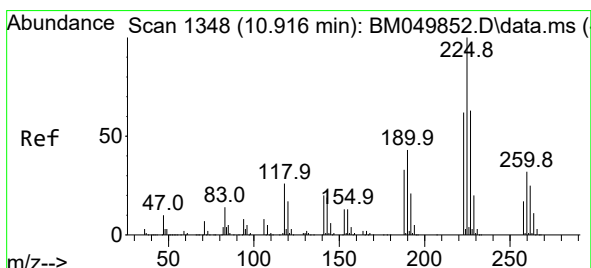
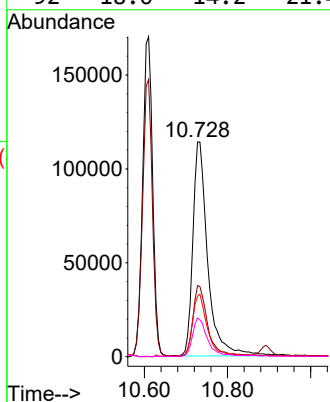
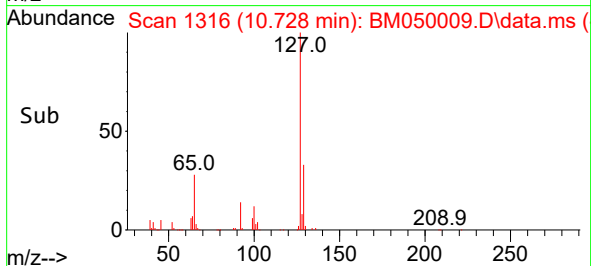


Tgt Ion:127 Resp: 28462

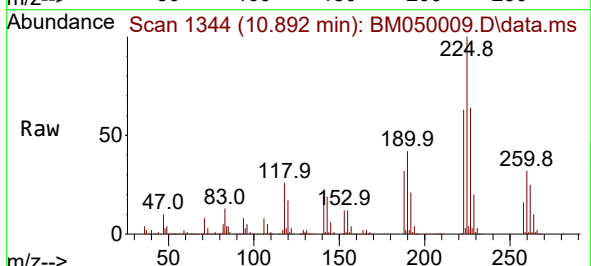
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.9	37.3
65	28.2	22.4	33.6
92	18.0	14.2	21.4

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

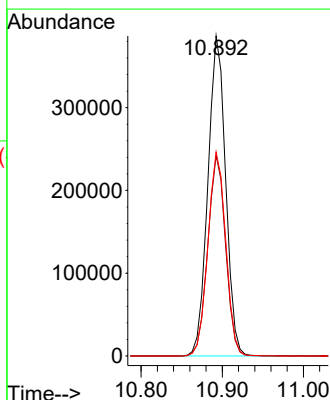
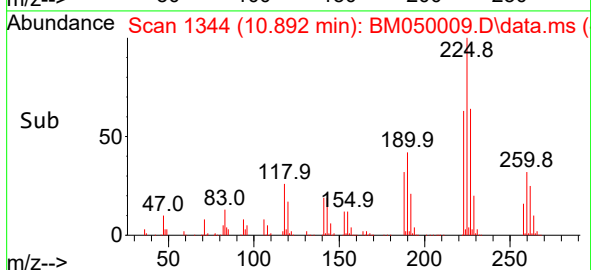


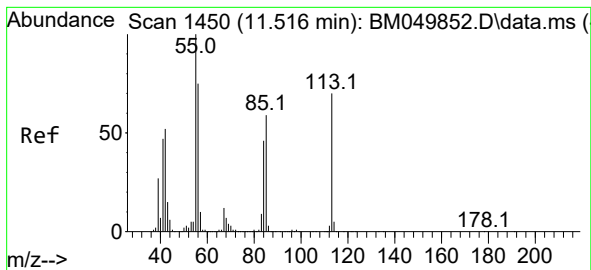
#34
Hexachlorobutadiene
Concen: 47.404 ng
RT: 10.892 min Scan# 1344
Delta R.T. -0.023 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



Tgt Ion:225 Resp: 587268

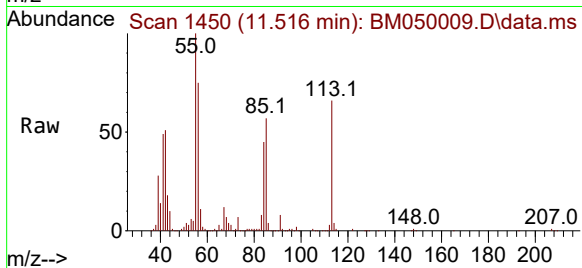
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	63.7	50.1	75.1





#35
Caprolactam
Concen: 39.594 ng
RT: 11.516 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

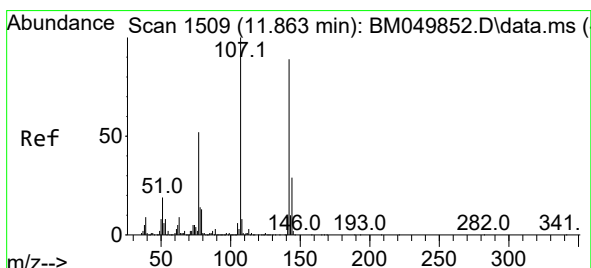
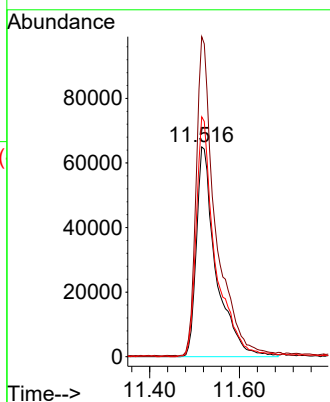
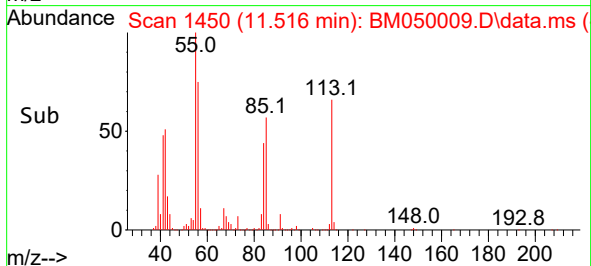
Instrument :
BNA_M
ClientSampleId :
PB167694BS



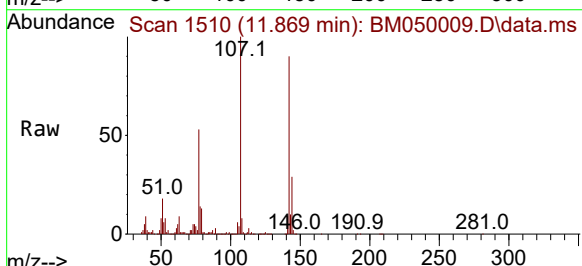
Tgt Ion:113 Resp: 196597
Ion Ratio Lower Upper
113 100
55 152.6 124.3 164.3
56 114.3 87.5 127.5

Manual Integrations
APPROVED

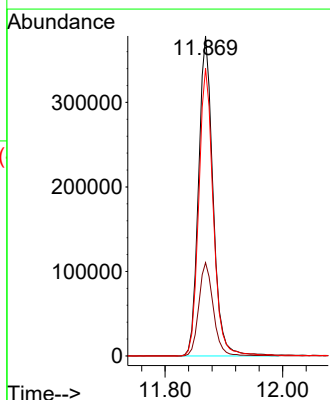
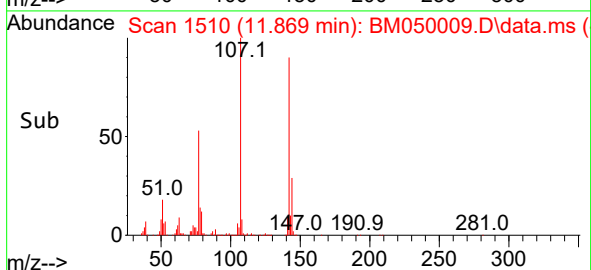
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

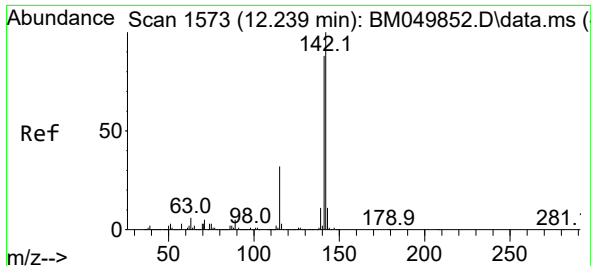


#36
4-Chloro-3-methylphenol
Concen: 42.789 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



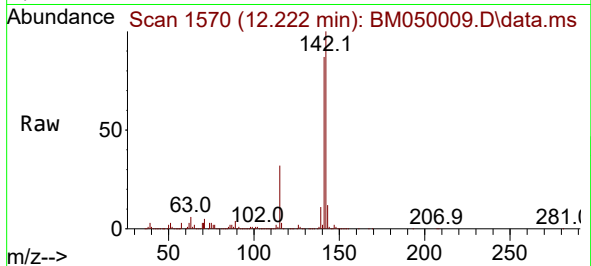
Tgt Ion:107 Resp: 648886
Ion Ratio Lower Upper
107 100
144 29.1 23.6 35.4
142 89.9 71.4 107.0





#37
2-Methylnaphthalene
Concen: 39.481 ng
RT: 12.222 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

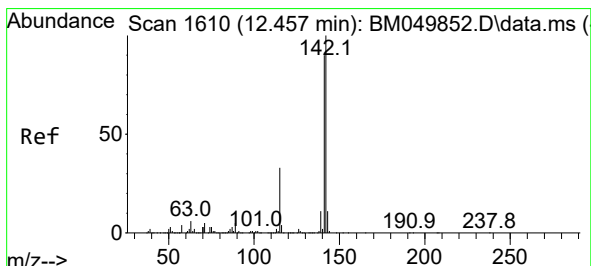
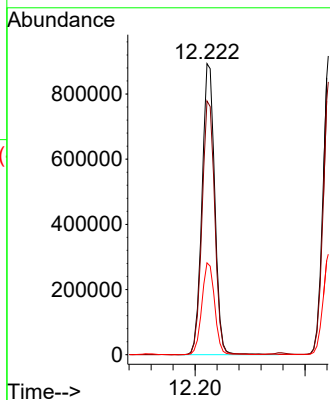
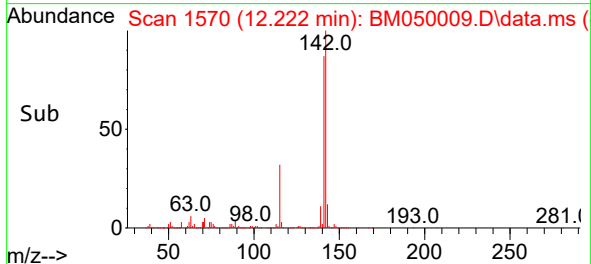
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion:142 Resp: 1433219
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
115 31.6 25.4 38.2

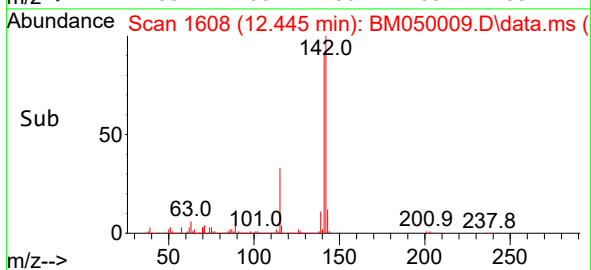
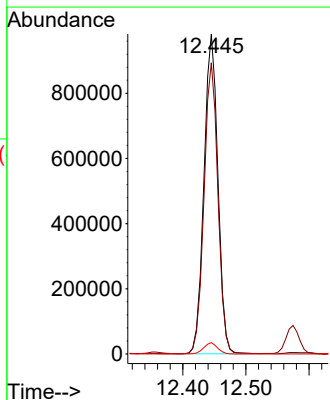
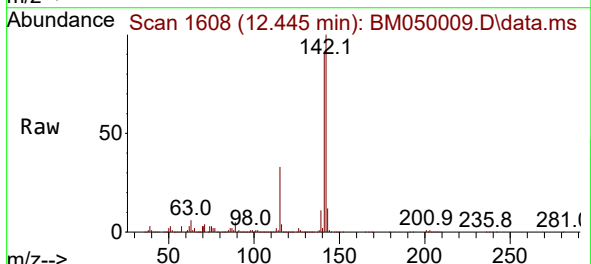
Manual Integrations
APPROVED

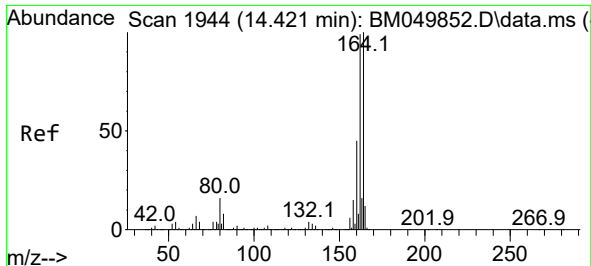
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#38
1-Methylnaphthalene
Concen: 42.480 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

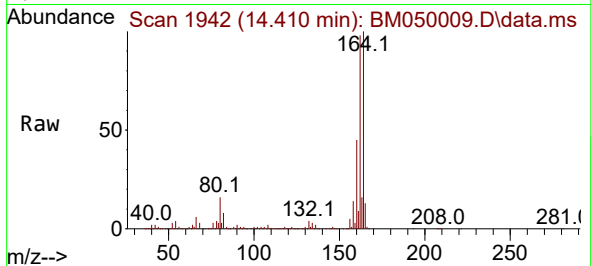
Tgt Ion:142 Resp: 1502383
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2
116 3.5 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

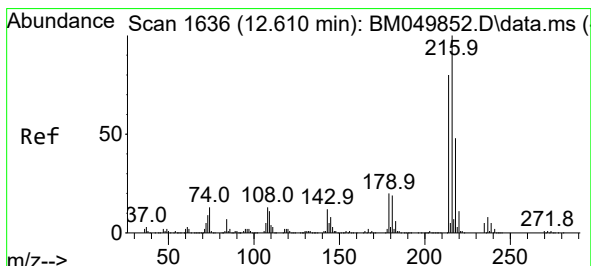
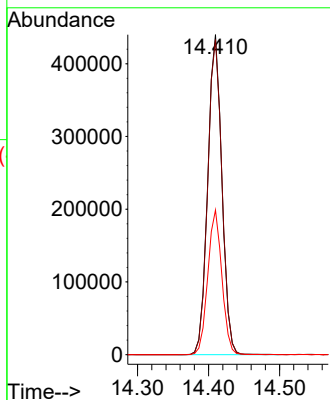
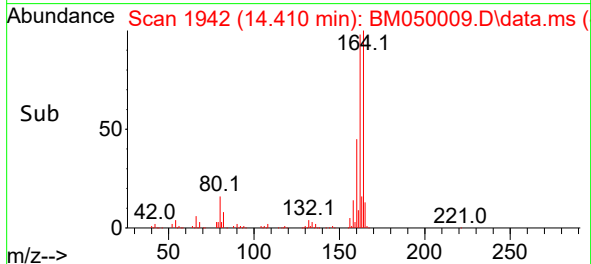
Instrument :
BNA_M
ClientSampleId :
PB167694BS



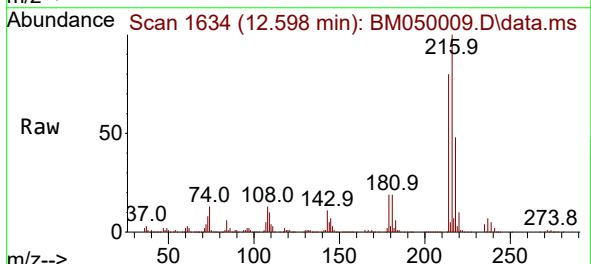
Tgt Ion:164 Resp: 608550
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 45.2 36.2 54.2

Manual Integrations
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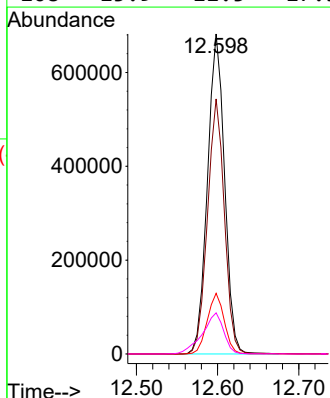
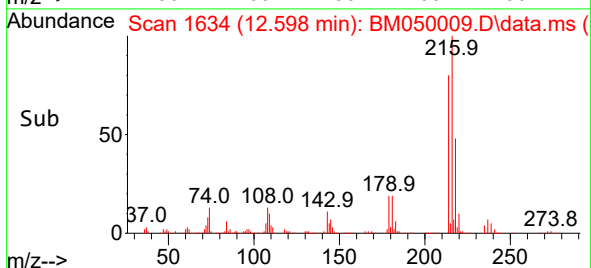
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

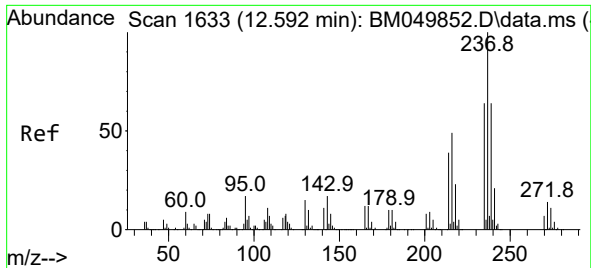


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.886 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



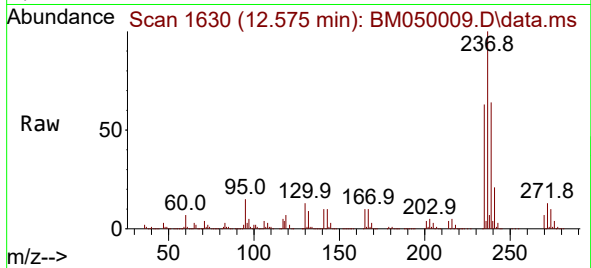
Tgt Ion:216 Resp: 998211
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 18.8 15.8 23.6
108 15.9 11.5 17.3





#41
Hexachlorocyclopentadiene
Concen: 171.266 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

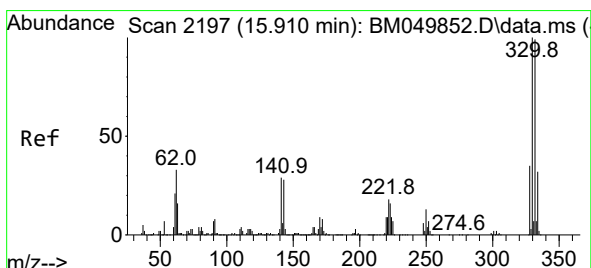
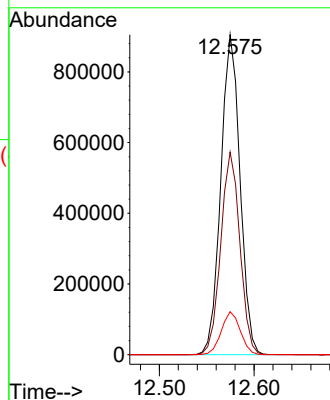
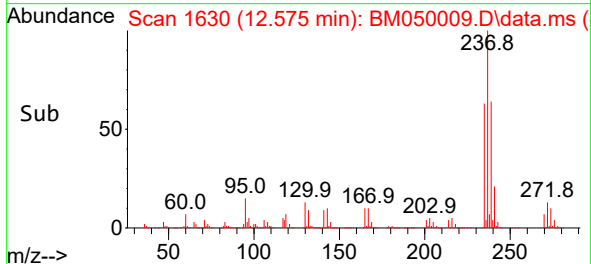
Instrument :
BNA_M
ClientSampleId :
PB167694BS



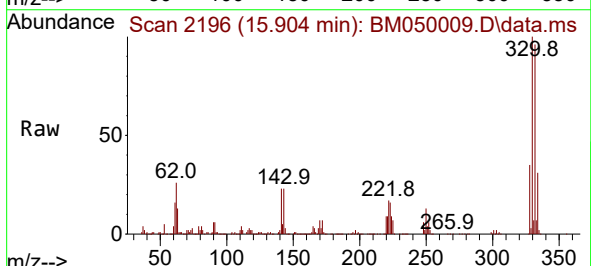
Tgt Ion:237 Resp: 127767
Ion Ratio Lower Upper
237 100
235 63.3 43.7 83.7
272 13.5 0.0 33.5

Manual Integrations
APPROVED

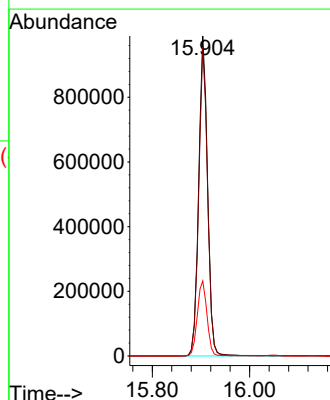
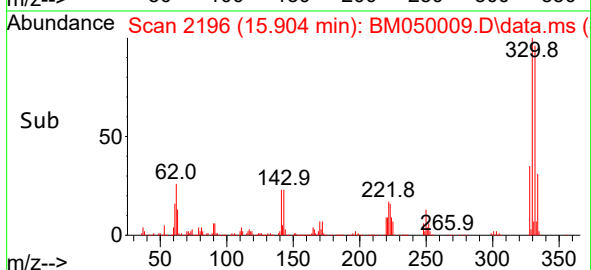
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

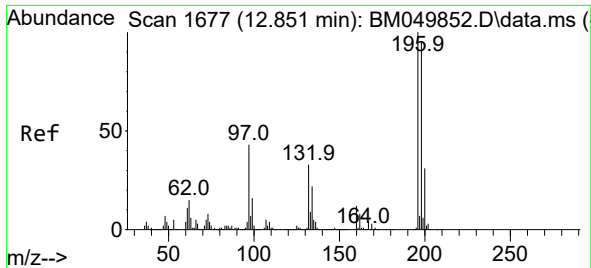


#42
2,4,6-Tribromophenol
Concen: 142.667 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



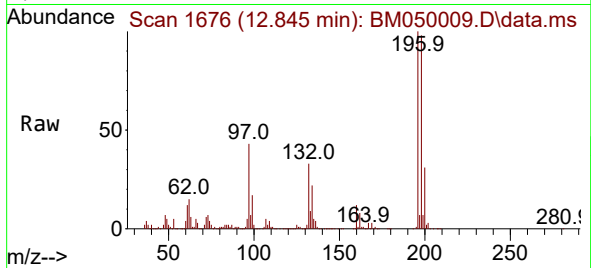
Tgt Ion:330 Resp: 1262839
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 25.5 23.5 35.3





#43
2,4,6-Trichlorophenol
Concen: 46.980 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

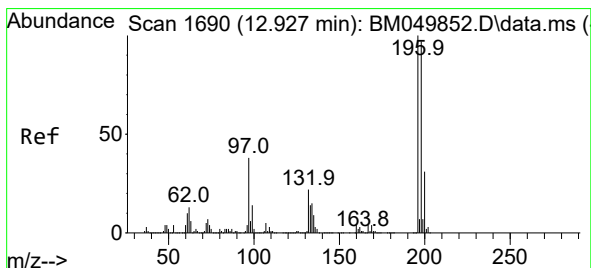
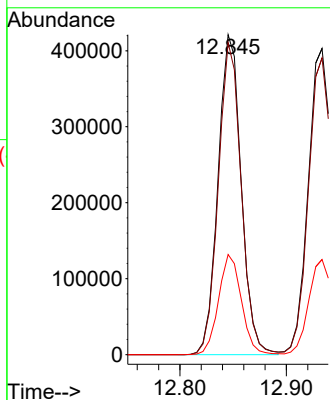
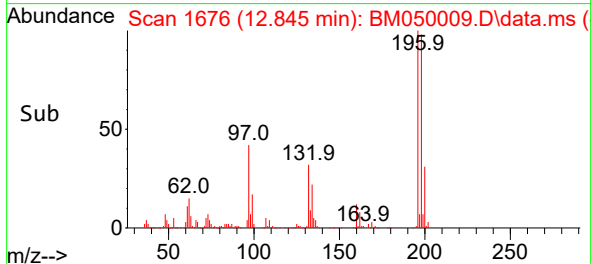
Instrument :
BNA_M
ClientSampleId :
PB167694BS



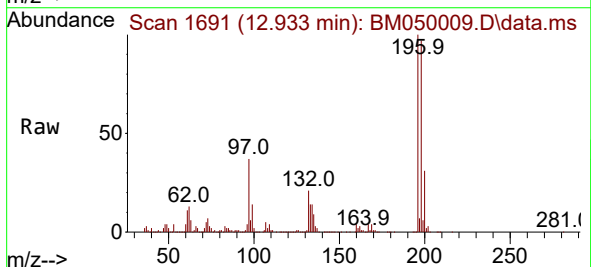
Tgt Ion:196 Resp: 636463
Ion Ratio Lower Upper
196 100
198 97.5 76.1 114.1
200 31.3 24.7 37.1

Manual Integrations
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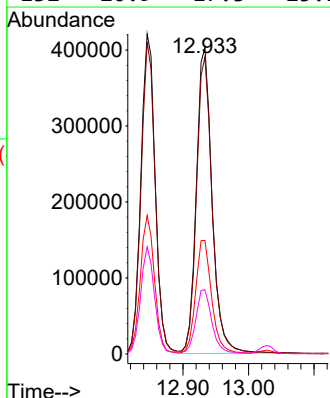
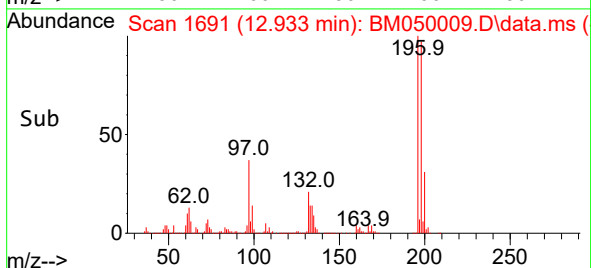
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

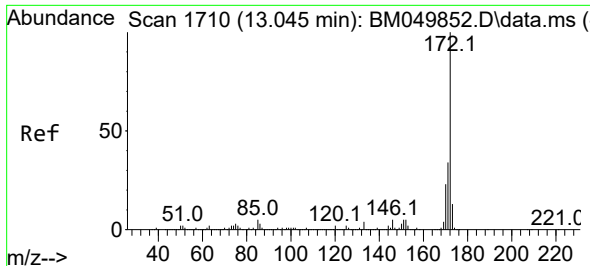


#44
2,4,5-Trichlorophenol
Concen: 45.991 ng
RT: 12.933 min Scan# 1691
Delta R.T. 0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



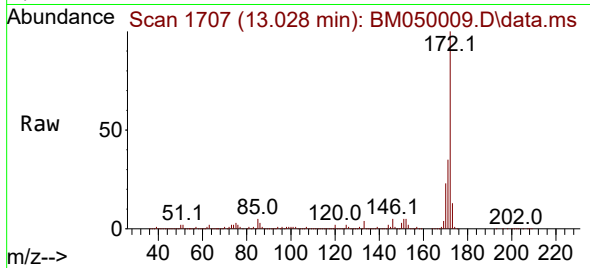
Tgt Ion:196 Resp: 677096
Ion Ratio Lower Upper
196 100
198 97.0 77.7 116.5
97 37.1 30.3 45.5
132 20.9 17.3 25.9





#45
2-Fluorobiphenyl
Concen: 95.243 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

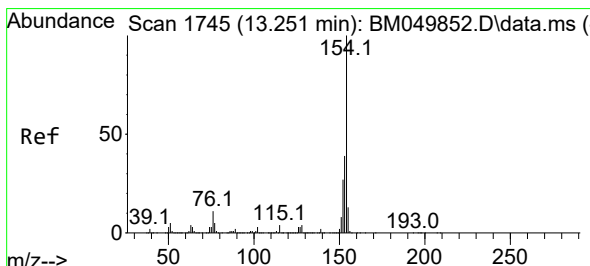
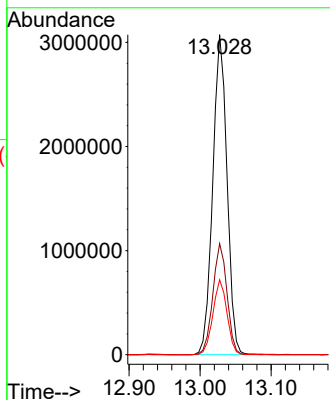
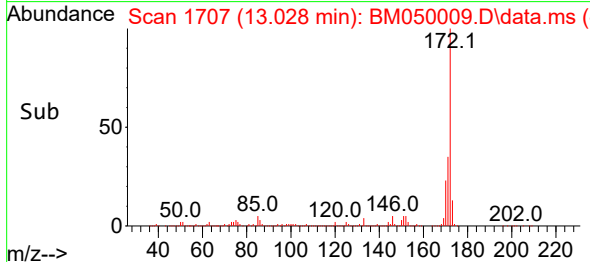
Instrument :
BNA_M
ClientSampleId :
PB167694BS



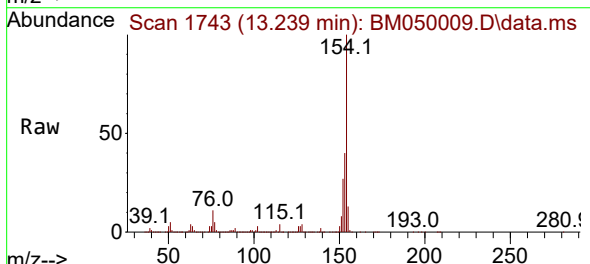
Tgt Ion:172 Resp: 4274372
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.2
170 23.4 18.6 28.0

Manual Integrations
APPROVED

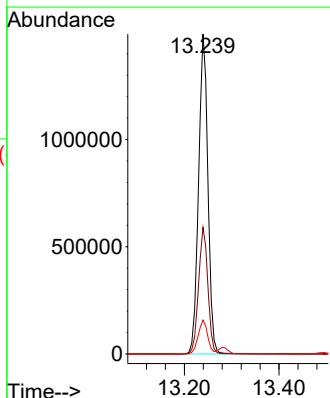
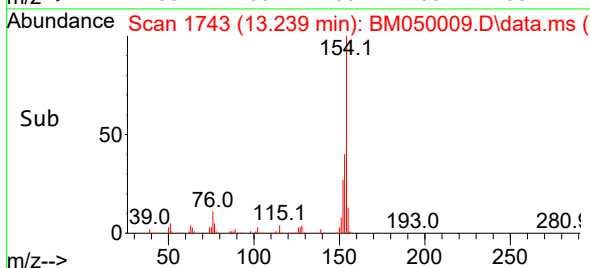
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

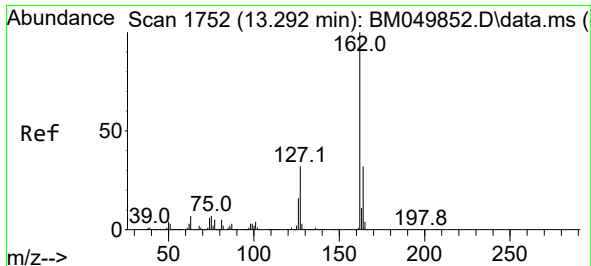


#46
1,1'-Biphenyl
Concen: 45.184 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



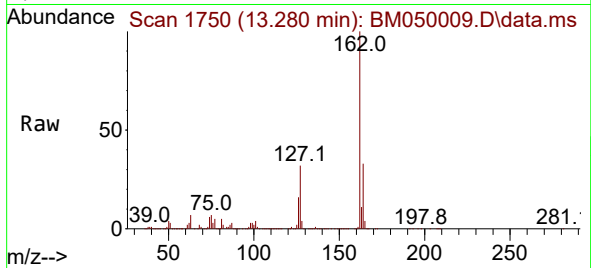
Tgt Ion:154 Resp: 2044033
Ion Ratio Lower Upper
154 100
153 39.6 19.3 59.3
76 10.6 0.0 30.7





#47
2-Chloronaphthalene
Concen: 45.776 ng
RT: 13.280 min Scan# 1750
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

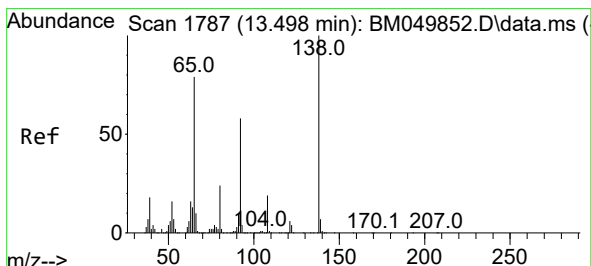
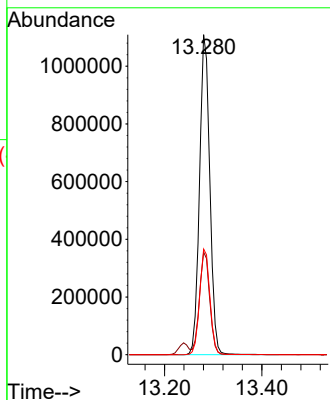
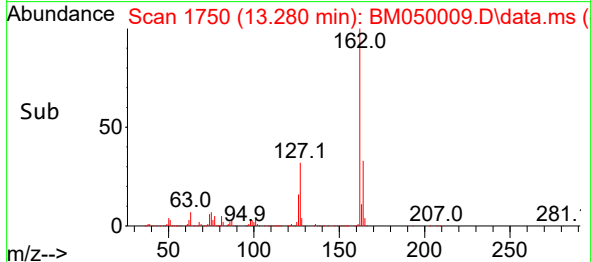
Instrument :
BNA_M
ClientSampleId :
PB167694BS



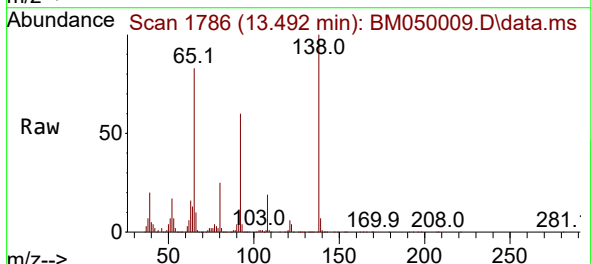
Tgt Ion:162 Resp: 1627634
Ion Ratio Lower Upper
162 100
127 32.1 26.0 39.0
164 33.0 25.9 38.9

Manual Integrations
APPROVED

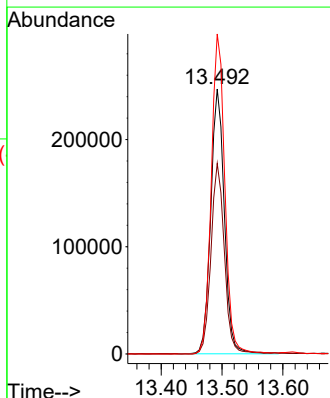
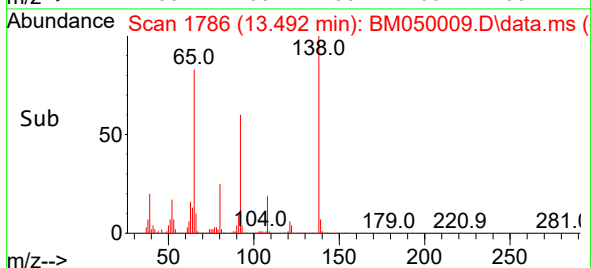
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

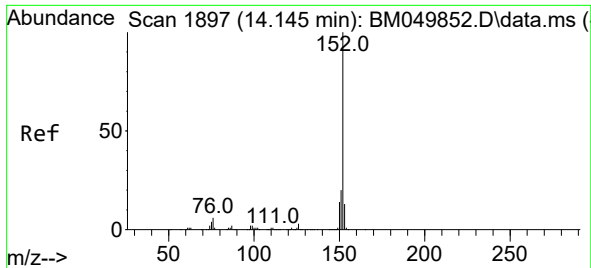


#48
2-Nitroaniline
Concen: 46.658 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



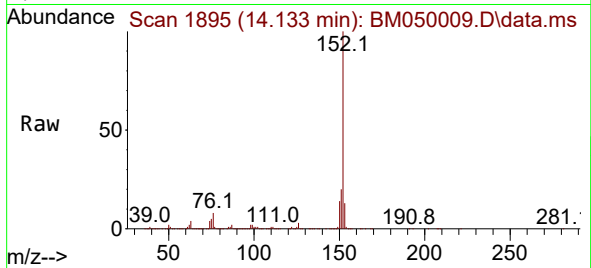
Tgt Ion: 65 Resp: 383799
Ion Ratio Lower Upper
65 100
92 71.9 58.4 87.6
138 120.8 100.8 151.2





#49
Acenaphthylene
Concen: 48.627 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

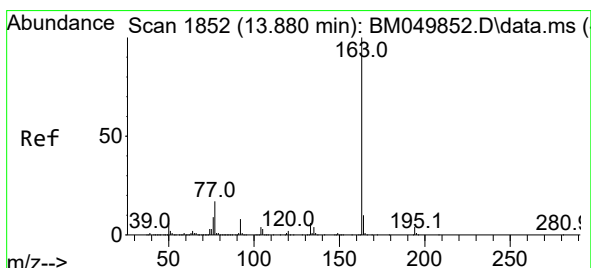
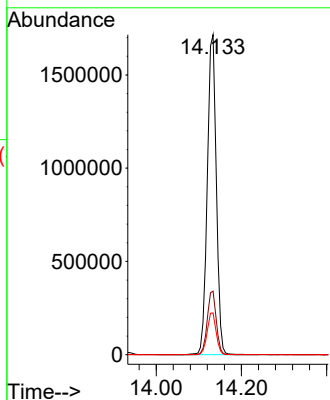
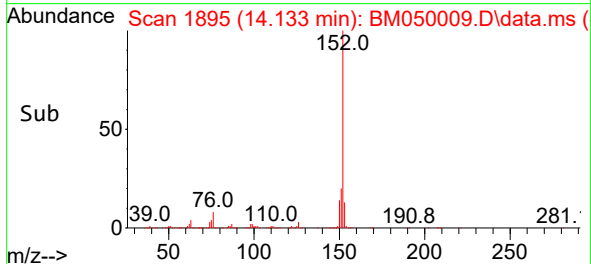
Instrument :
BNA_M
ClientSampleId :
PB167694BS



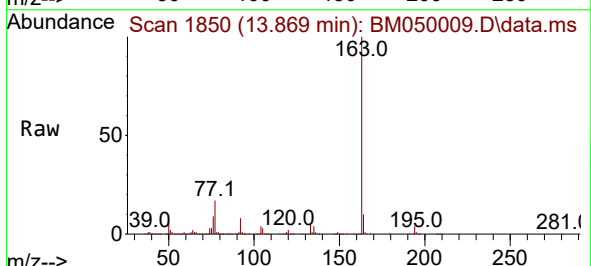
Tgt Ion:152 Resp: 2518539
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.0 10.4 15.6

Manual Integrations
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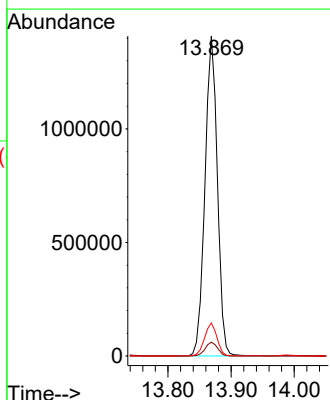
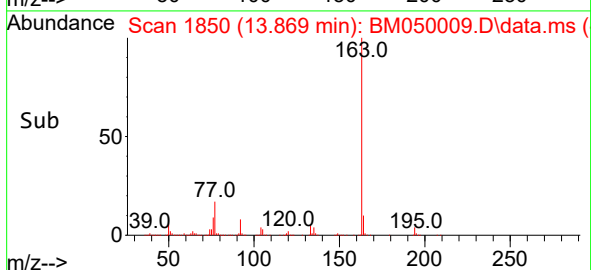
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

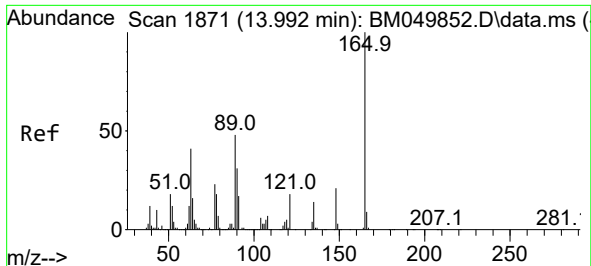


#50
Dimethylphthalate
Concen: 44.787 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



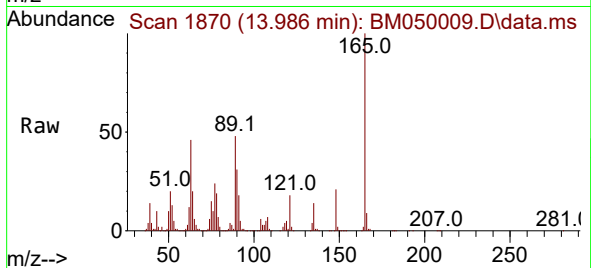
Tgt Ion:163 Resp: 1922853
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.643 ng
RT: 13.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

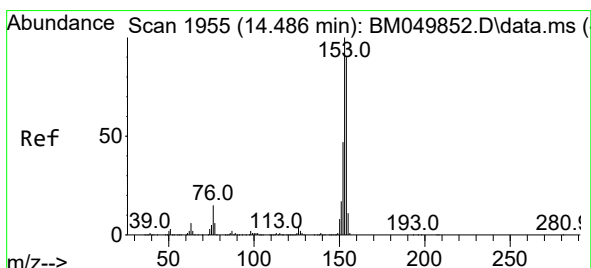
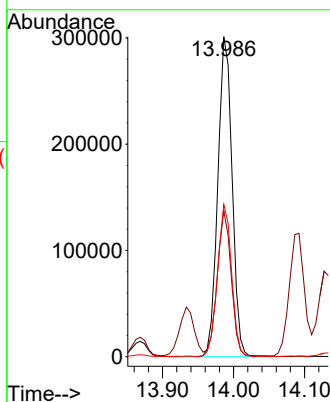
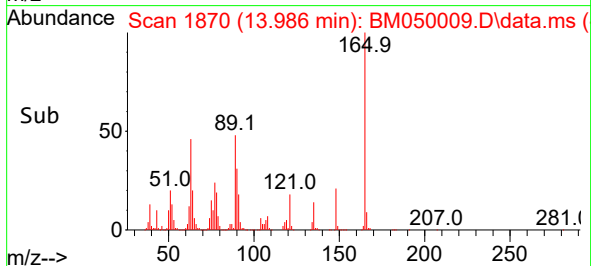
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion:165 Resp: 41955
Ion Ratio Lower Upper
165 100
63 45.6 36.1 54.1
89 47.5 38.3 57.5

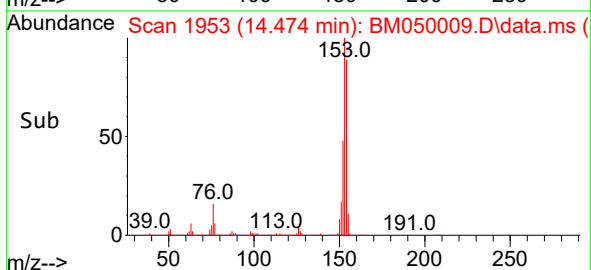
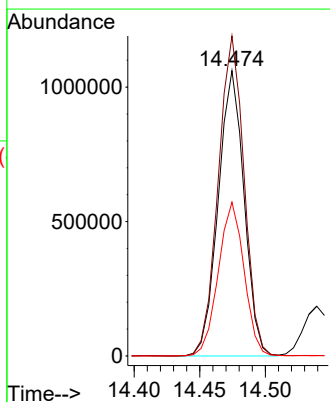
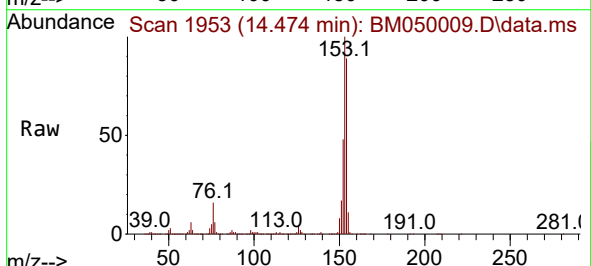
Manual Integrations
APPROVED

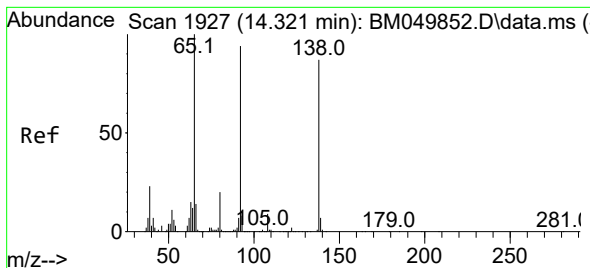
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#52
Acenaphthene
Concen: 44.038 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

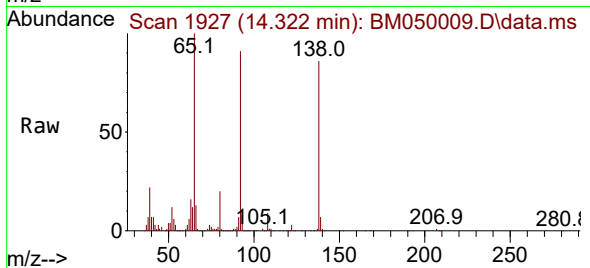
Tgt Ion:154 Resp: 1450818
Ion Ratio Lower Upper
154 100
153 112.2 89.3 133.9
152 53.9 42.2 63.2





#53
3-Nitroaniline
Concen: 25.671 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

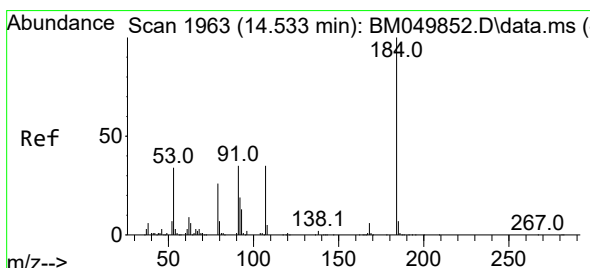
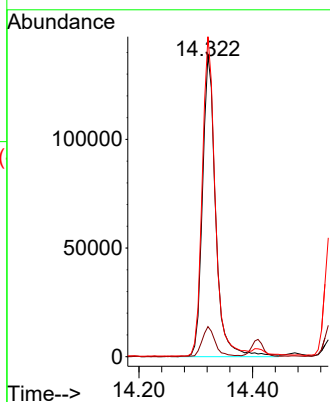
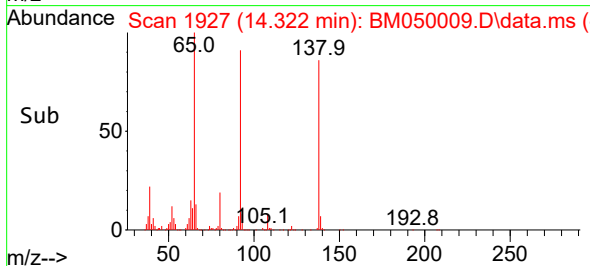
Instrument :
BNA_M
ClientSampleId :
PB167694BS



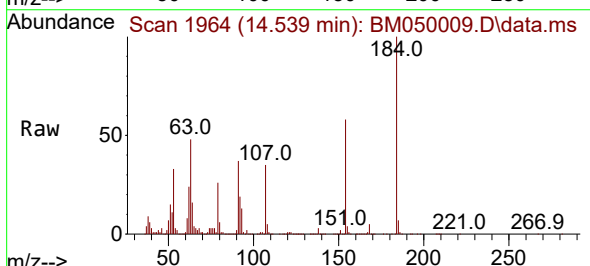
Tgt Ion:138 Resp: 22317
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 106.1 86.5 129.7

Manual Integrations
APPROVED

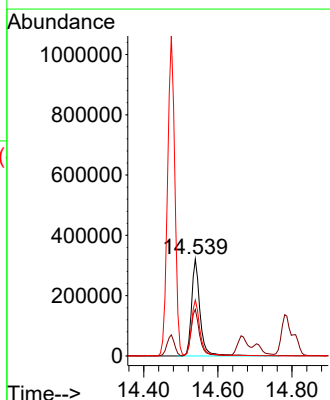
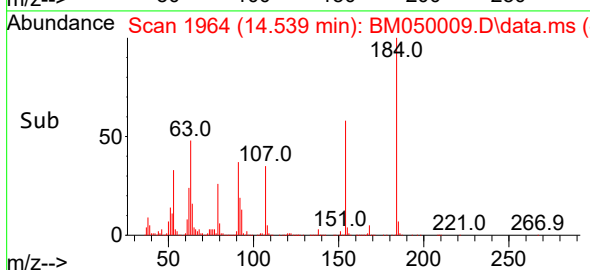
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

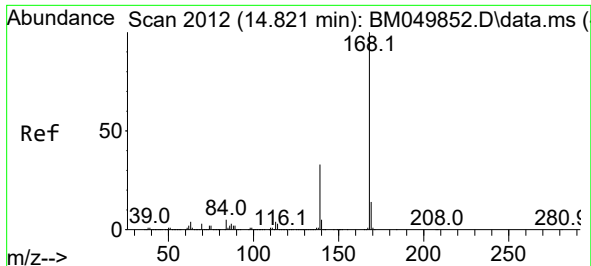


#54
2,4-Dinitrophenol
Concen: 78.708 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



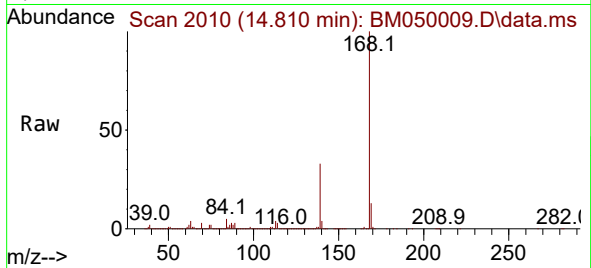
Tgt Ion:184 Resp: 511868
Ion Ratio Lower Upper
184 100
63 48.1 38.4 57.6
154 57.7 48.1 72.1





#55
Dibenzenofuran
Concen: 43.106 ng
RT: 14.810 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

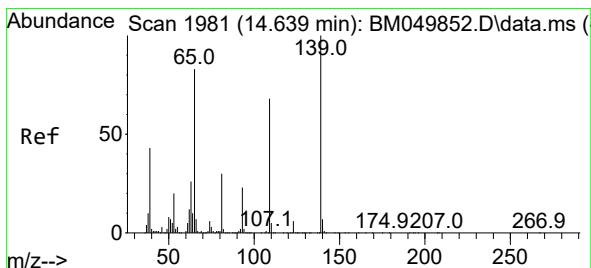
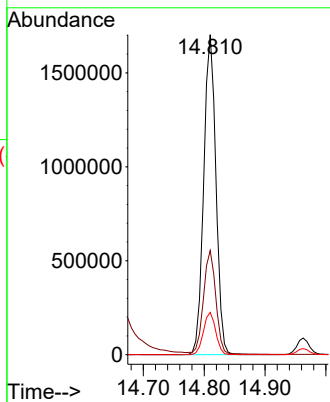
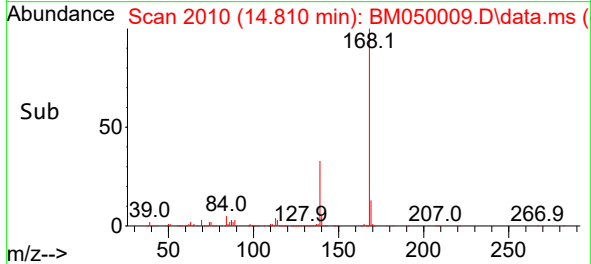
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion:168 Resp: 2374030
Ion Ratio Lower Upper
168 100
139 32.5 26.6 39.8
169 13.2 11.0 16.4

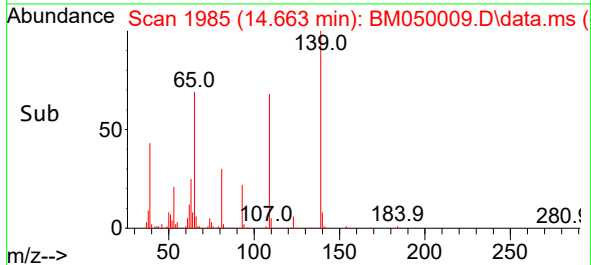
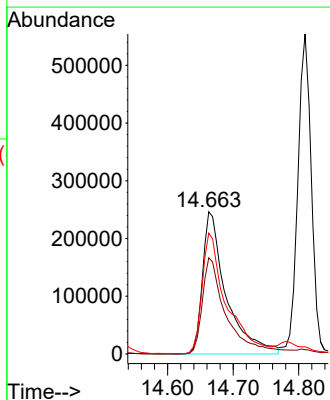
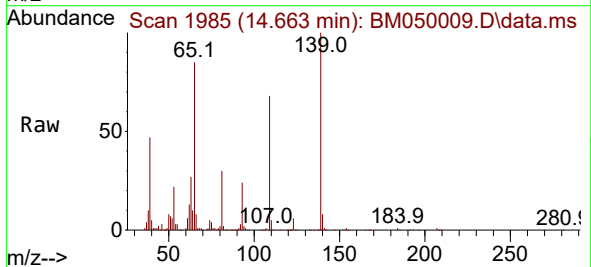
Manual Integrations
APPROVED

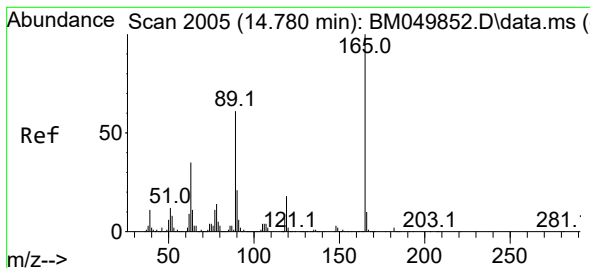
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#56
4-Nitrophenol
Concen: 79.996 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.024 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Tgt Ion:139 Resp: 619747
Ion Ratio Lower Upper
139 100
109 67.6 47.9 87.9
65 84.9 62.7 102.7





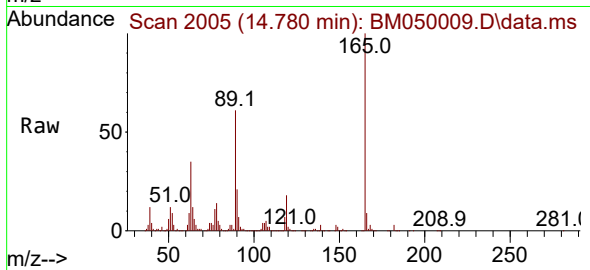
#57
2,4-Dinitrotoluene
Concen: 47.497 ng
RT: 14.780 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS



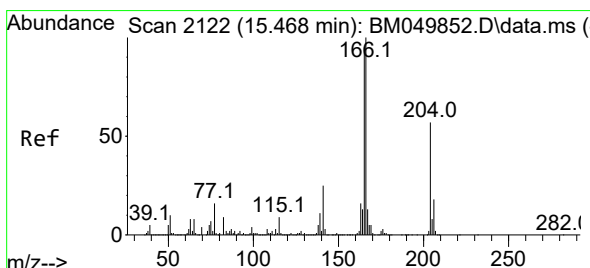
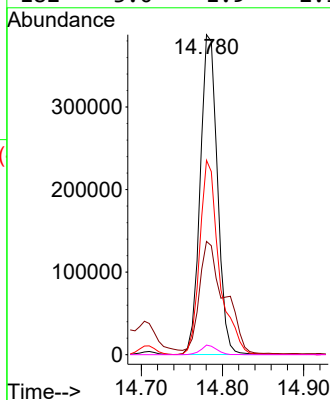
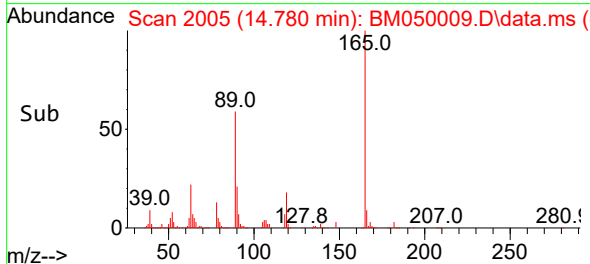
Tgt Ion:165 Resp: 56997
Ion Ratio Lower Upper
165 100
63 35.4 28.6 42.8
89 60.7 49.0 73.6
182 3.0 1.9 2.9#

Manual Integrations

APPROVED

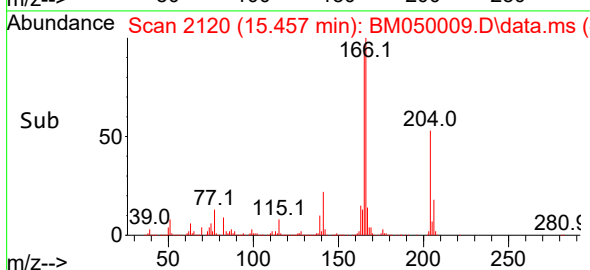
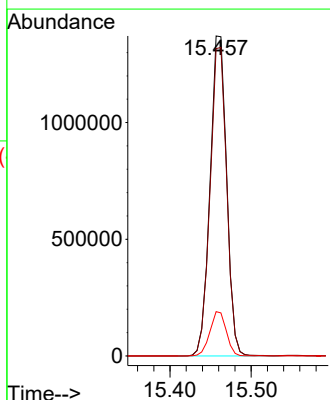
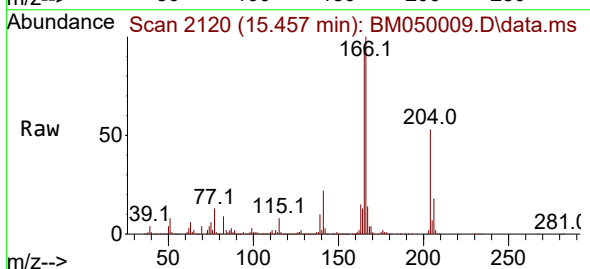
Reviewed By :Rahul Chavli 04/24/2025

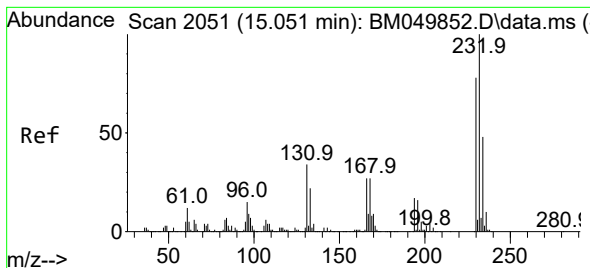
Supervised By :Jagrut Upadhyay 04/24/2025



#58
Fluorene
Concen: 44.462 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

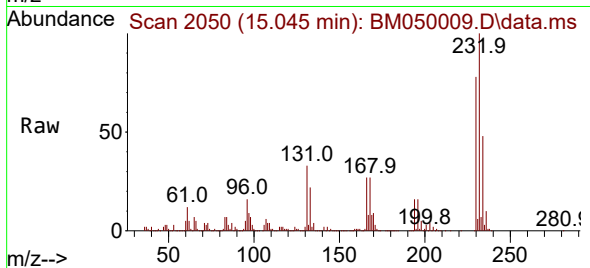
Tgt Ion:166 Resp: 1946414
Ion Ratio Lower Upper
166 100
165 96.0 76.3 114.5
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.528 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

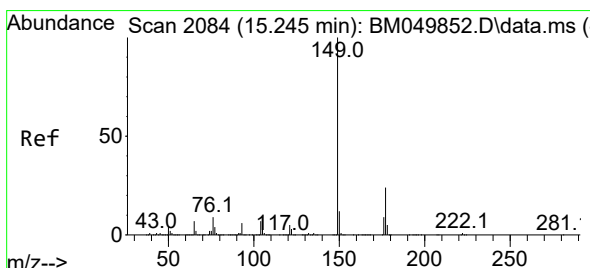
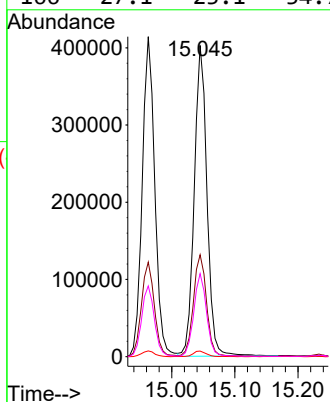
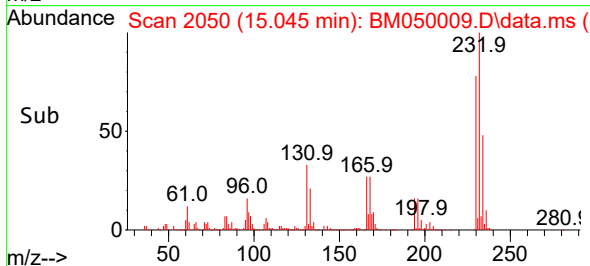
Instrument :
BNA_M
ClientSampleId :
PB167694BS



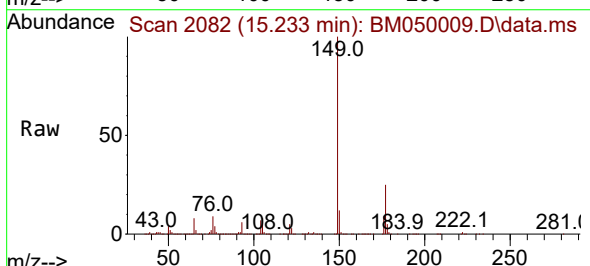
Tgt Ion:232 Resp: 56167
Ion Ratio Lower Upper
232 100
131 33.7 28.4 42.6
130 1.9 1.6 2.4
166 27.1 23.1 34.7

Manual Integrations
APPROVED

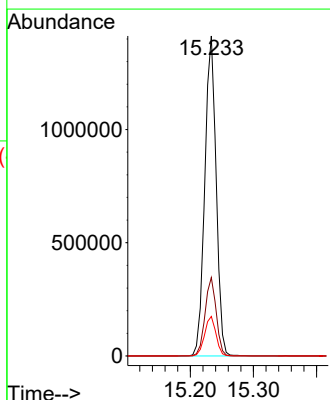
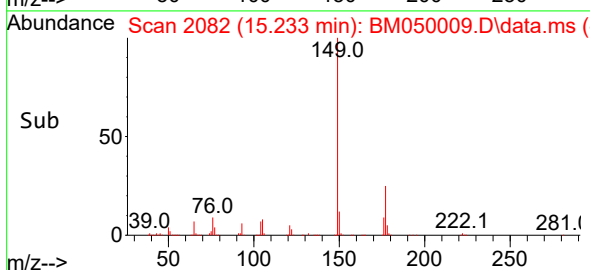
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

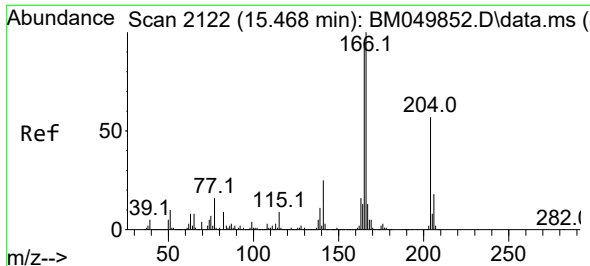


#60
Diethylphthalate
Concen: 42.886 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



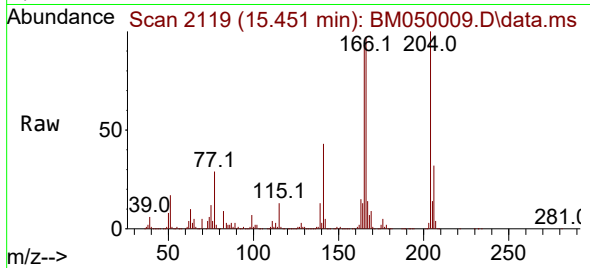
Tgt Ion:149 Resp: 1765700
Ion Ratio Lower Upper
149 100
177 24.5 19.0 28.4
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 46.283 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

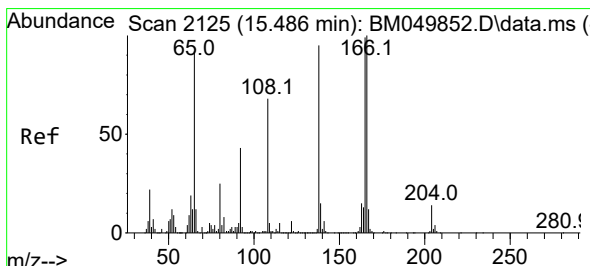
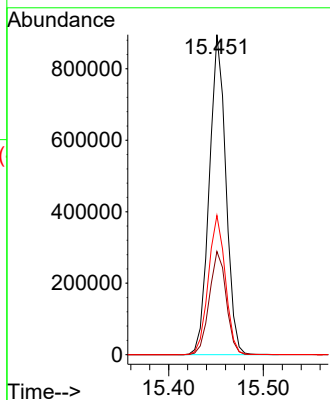
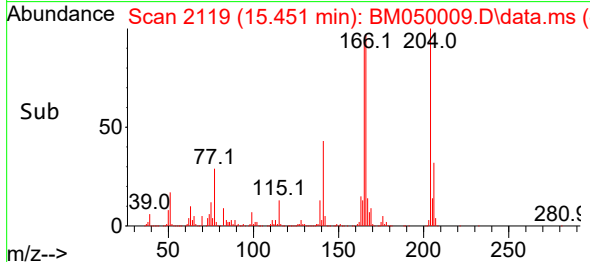
Instrument :
BNA_M
ClientSampleId :
PB167694BS



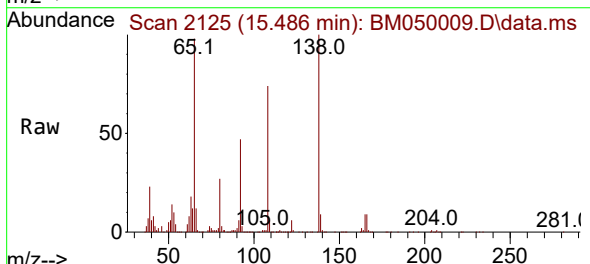
Tgt Ion:204 Resp: 108629
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 43.5 35.0 52.6

Manual Integrations
APPROVED

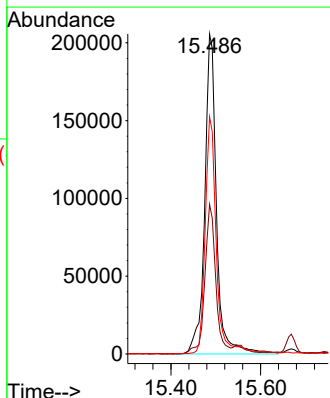
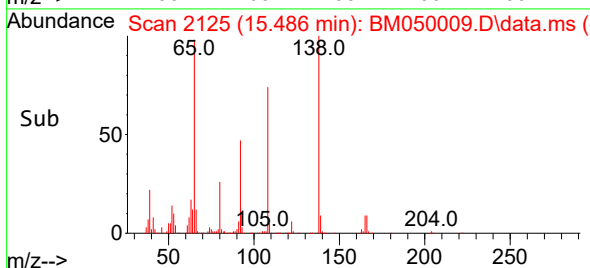
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

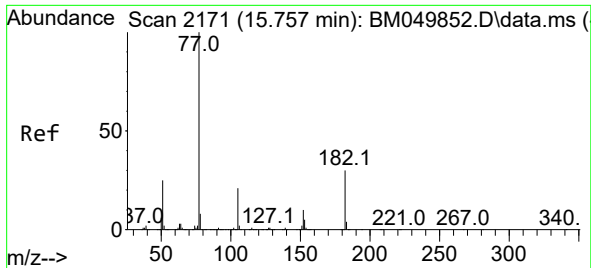


#62
4-Nitroaniline
Concen: 41.718 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



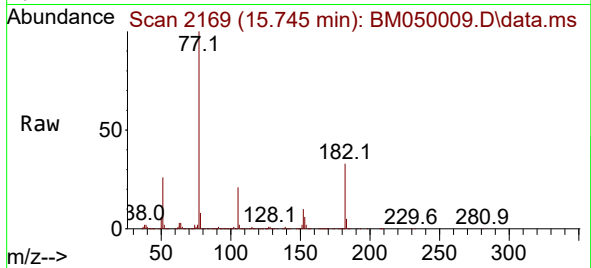
Tgt Ion:138 Resp: 375066
Ion Ratio Lower Upper
138 100
92 46.8 24.9 64.9
108 74.1 51.7 91.7





#63
Azobenzene
Concen: 42.995 ng
RT: 15.745 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

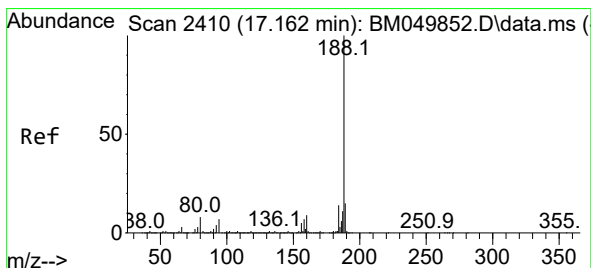
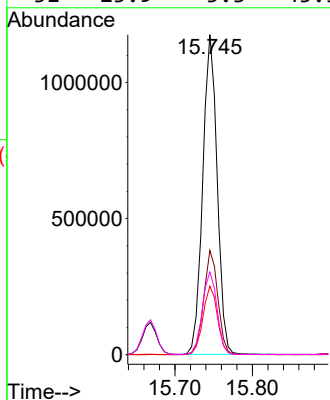
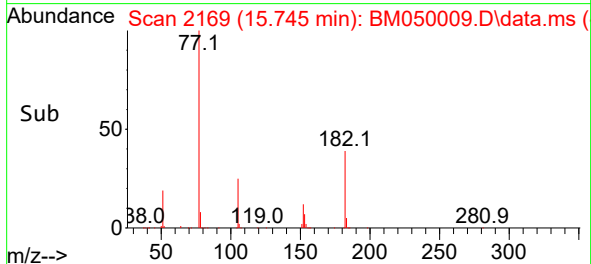
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion: 77 Resp: 1515558
Ion Ratio Lower Upper
77 100
182 32.5 10.4 50.4
105 21.4 1.5 41.5
51 25.9 5.3 45.3

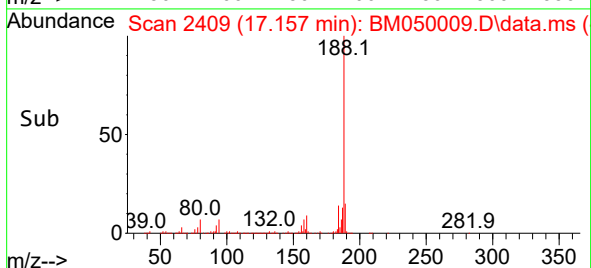
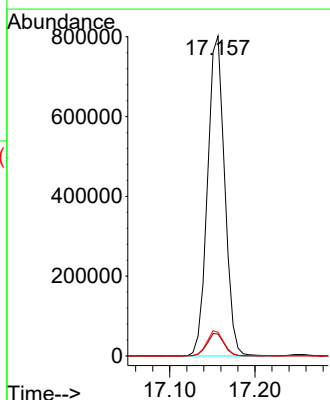
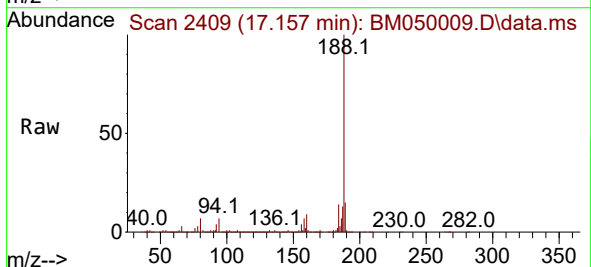
Manual Integrations
APPROVED

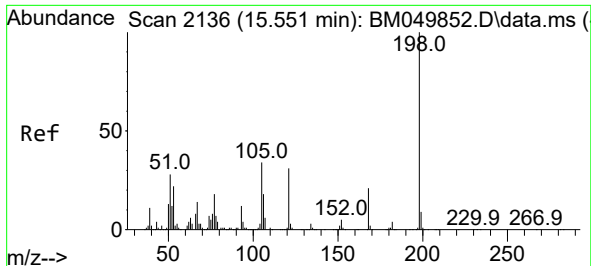
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

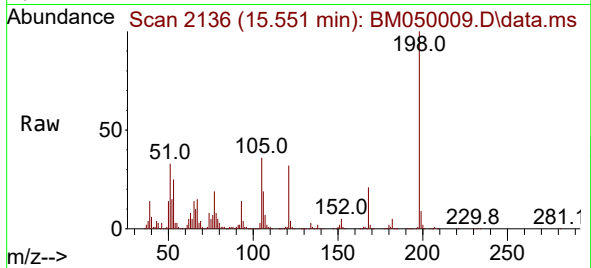
Tgt Ion:188 Resp: 1118478
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.4 6.4 9.6





#65
4,6-Dinitro-2-methylphenol
Concen: 46.003 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

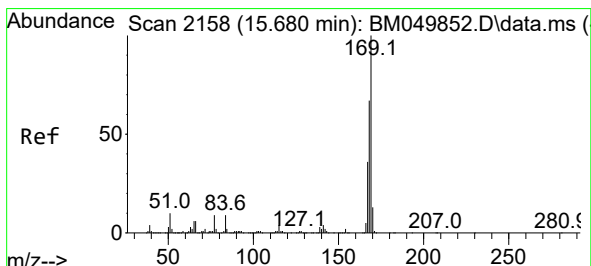
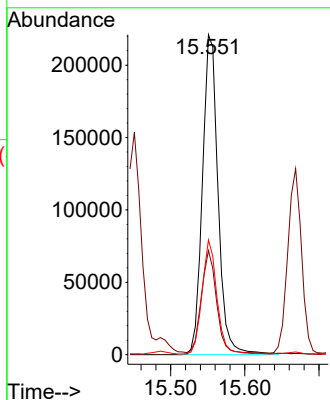
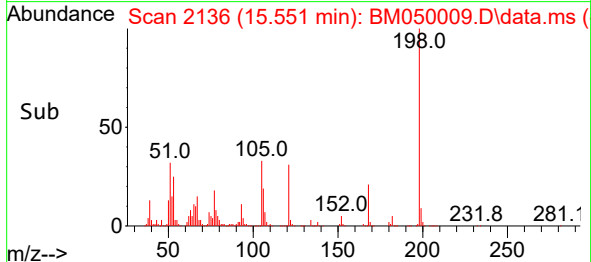
Instrument :
BNA_M
ClientSampleId :
PB167694BS



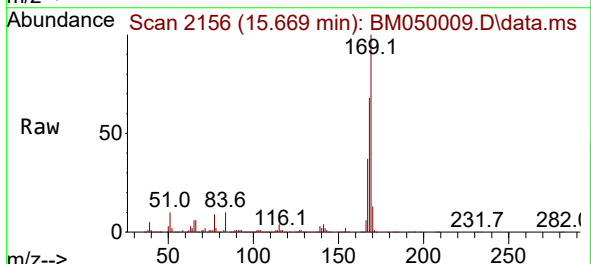
Tgt Ion:198 Resp: 324231
Ion Ratio Lower Upper
198 100
51 32.6 9.6 49.6
105 35.8 14.7 54.7

Manual Integrations
APPROVED

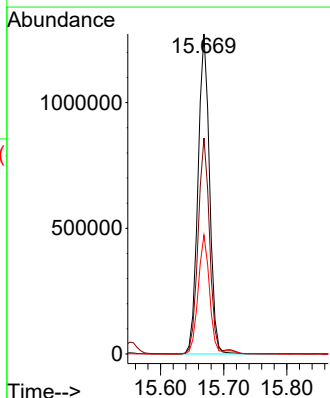
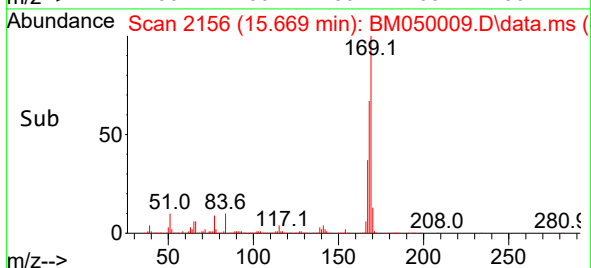
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

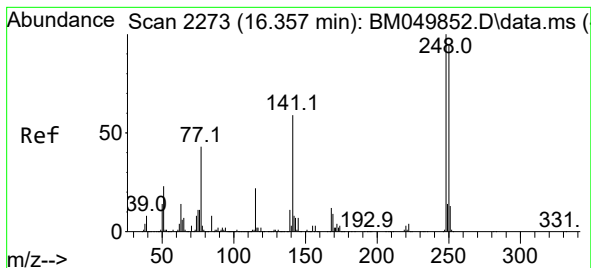


#66
n-Nitrosodiphenylamine
Concen: 48.268 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



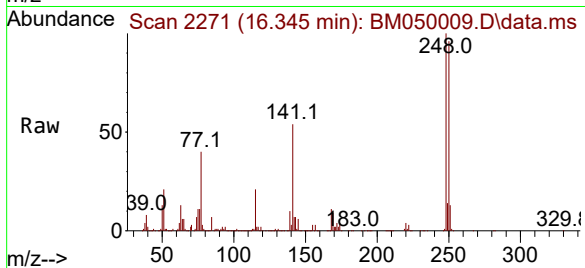
Tgt Ion:169 Resp: 1615636
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.2
167 37.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.044 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

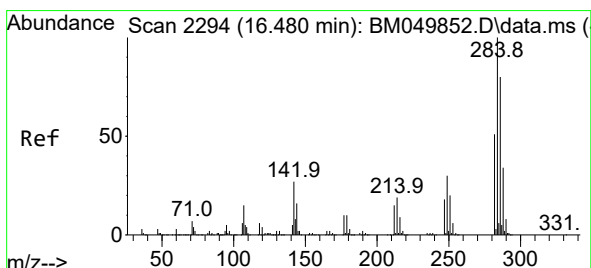
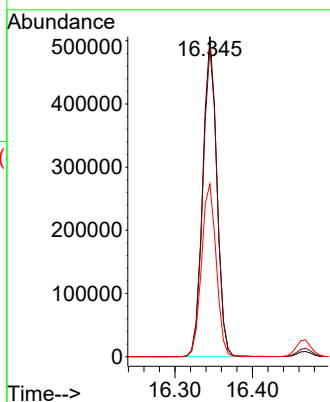
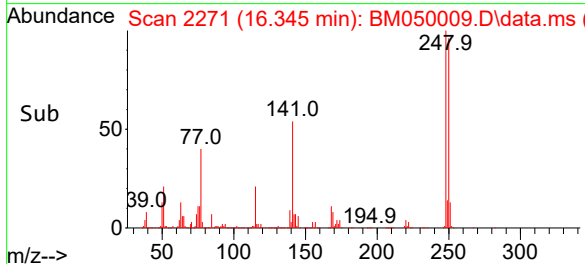
Instrument :
BNA_M
ClientSampleId :
PB167694BS



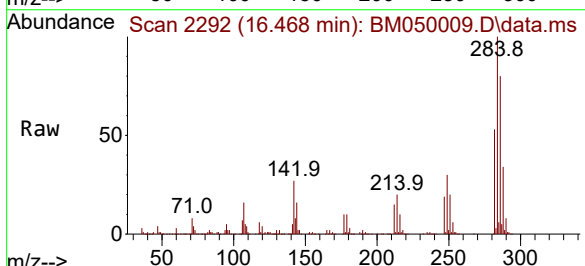
Tgt Ion:248 Resp: 636790
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.2
141 54.0 47.3 70.9

Manual Integrations
APPROVED

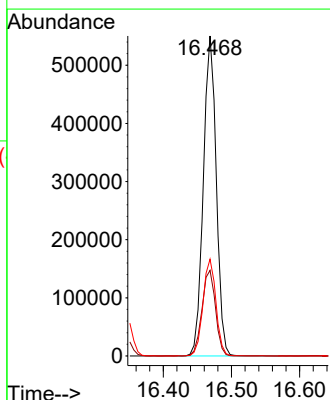
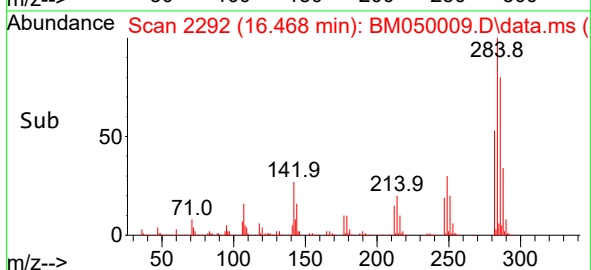
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

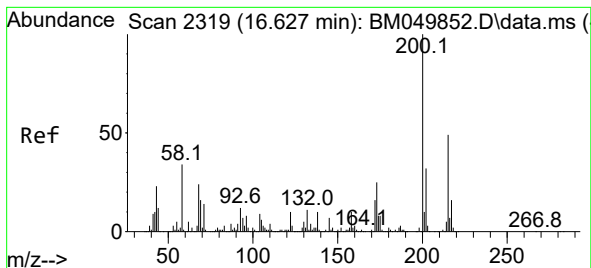


#68
Hexachlorobenzene
Concen: 48.867 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



Tgt Ion:284 Resp: 727796
Ion Ratio Lower Upper
284 100
142 26.8 21.2 31.8
249 30.3 24.1 36.1





#69

Atrazine

Concen: 65.373 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050009.D

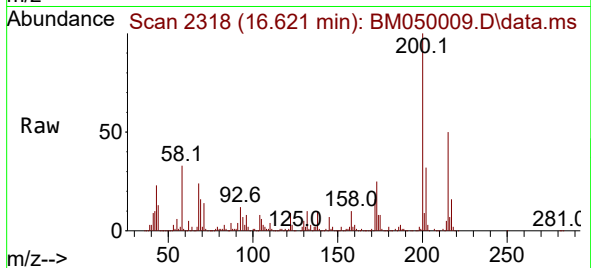
Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS



Tgt Ion:200 Resp: 56734

Ion Ratio Lower Upper

200 100

173 25.4 5.4 45.4

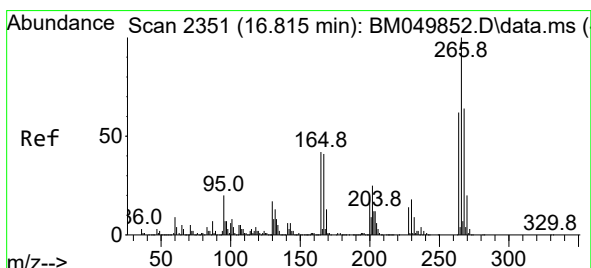
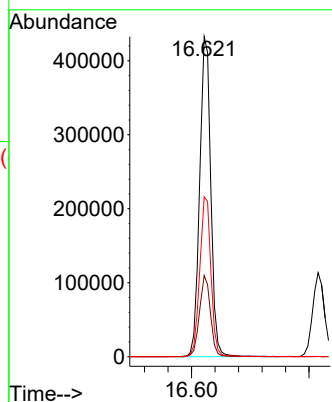
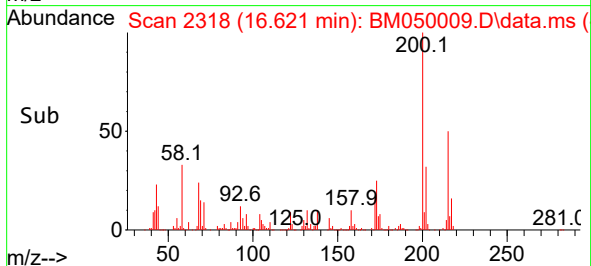
215 50.0 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#70

Pentachlorophenol

Concen: 83.107 ng

RT: 16.816 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM050009.D

Acq: 23 Apr 2025 11:57

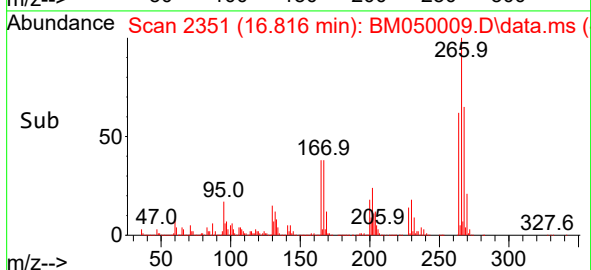
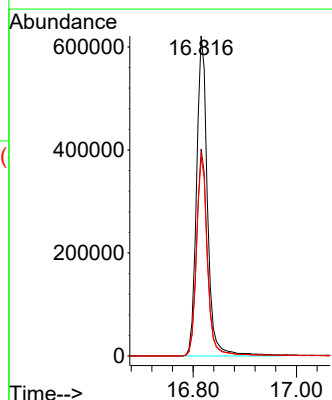
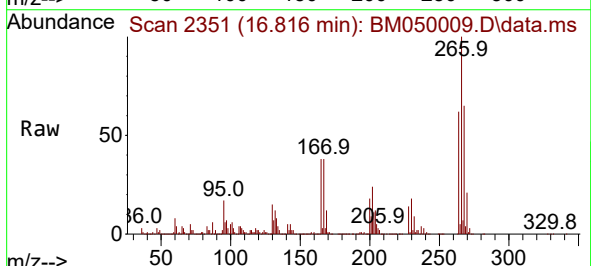
Tgt Ion:266 Resp: 911239

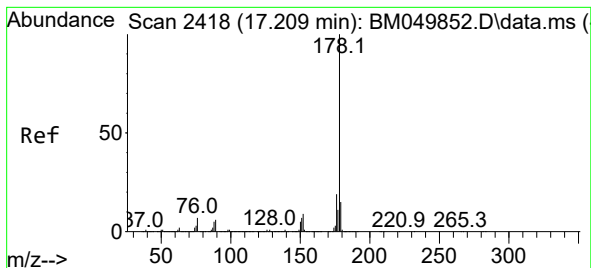
Ion Ratio Lower Upper

266 100

268 64.6 51.4 77.2

264 62.3 49.8 74.8





#71

Phenanthrene

Concen: 46.686 ng

RT: 17.198 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BM050009.D

Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS

Tgt Ion:178 Resp: 2862744

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

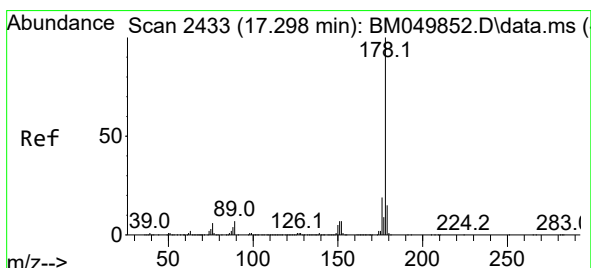
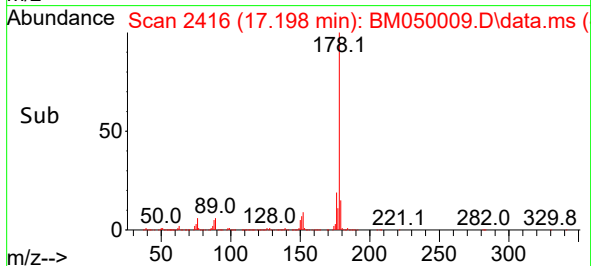
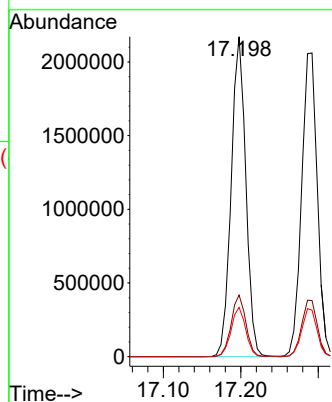
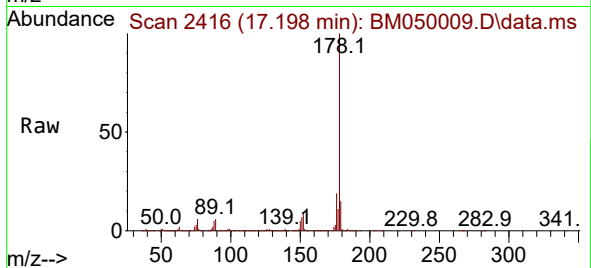
179 15.4 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#72

Anthracene

Concen: 48.203 ng

RT: 17.292 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BM050009.D

Acq: 23 Apr 2025 11:57

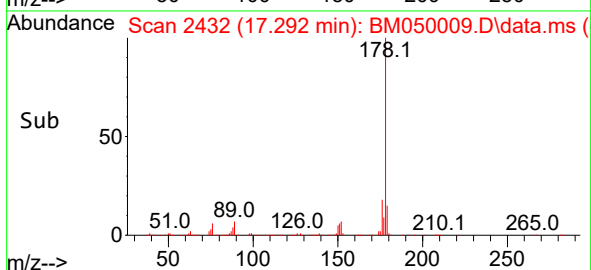
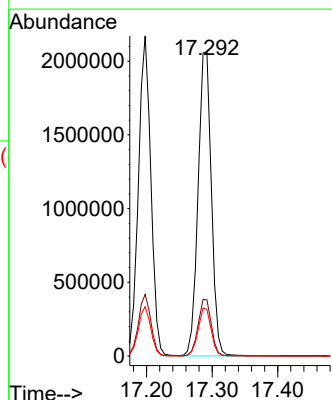
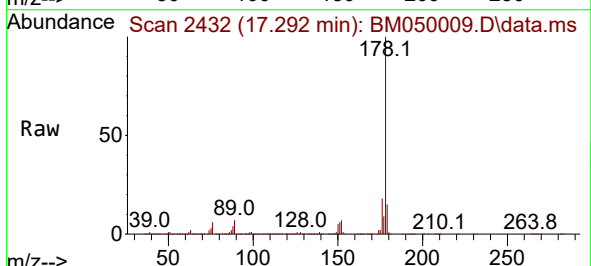
Tgt Ion:178 Resp: 2912844

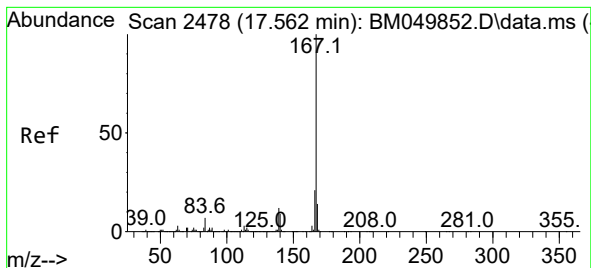
Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

179 15.4 12.4 18.6





#73

Carbazole

Concen: 44.182 ng

RT: 17.563 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BM050009.D

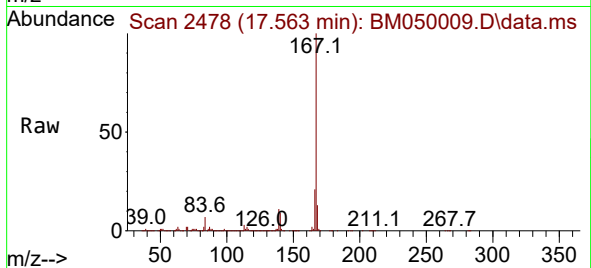
Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS



Tgt Ion:167 Resp: 251470

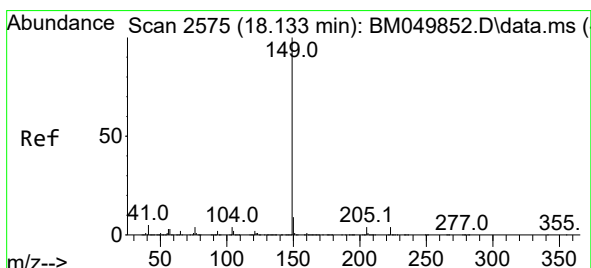
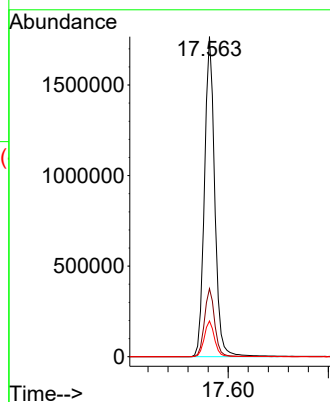
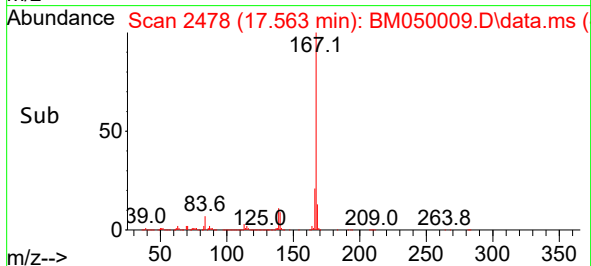
Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	11.1	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#74

Di-n-butylphthalate

Concen: 45.104 ng

RT: 18.121 min Scan# 2573

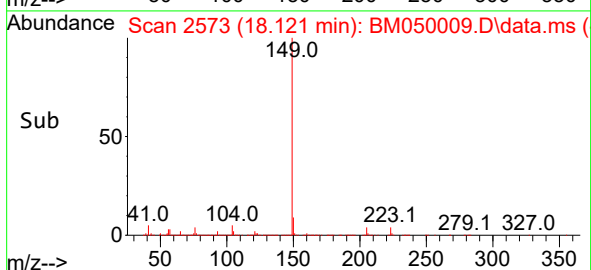
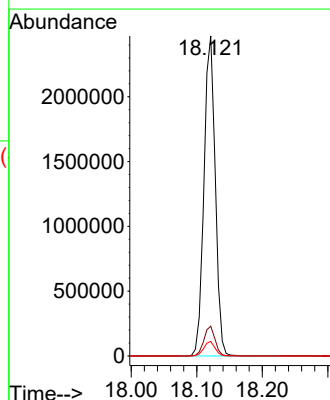
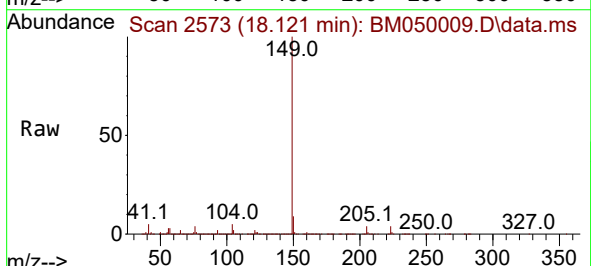
Delta R.T. -0.012 min

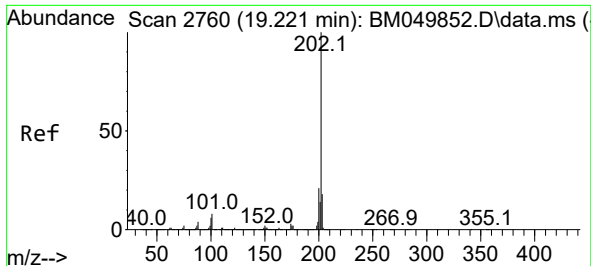
Lab File: BM050009.D

Acq: 23 Apr 2025 11:57

Tgt Ion:149 Resp: 2956887

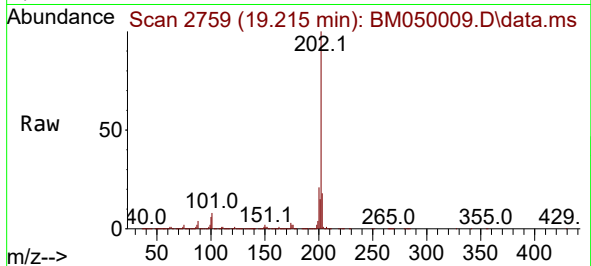
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.5	3.5	5.3





#75
Fluoranthene
Concen: 42.898 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

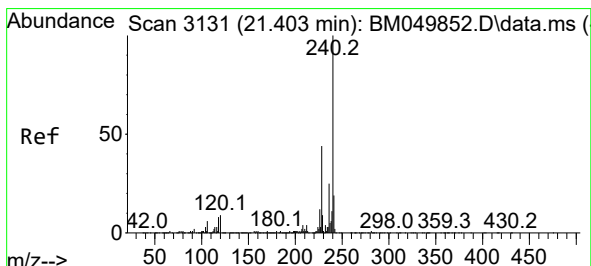
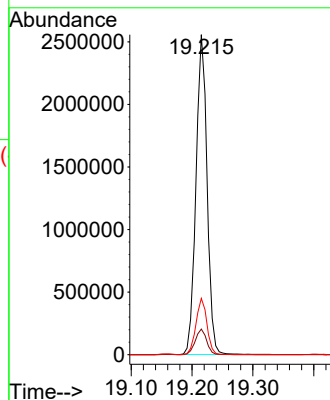
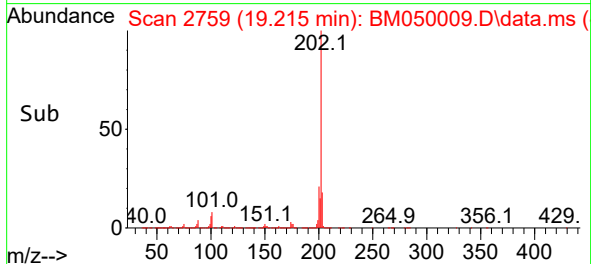
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion:202 Resp: 323431
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.4
203 17.6 0.0 37.8

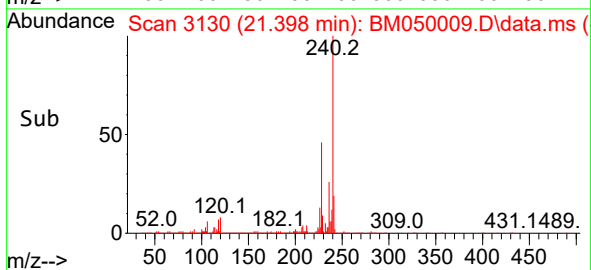
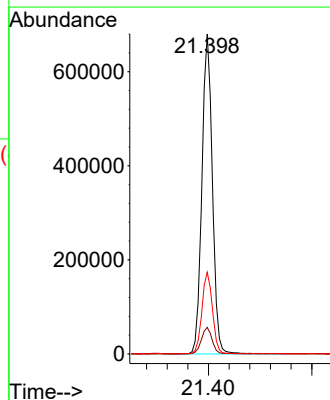
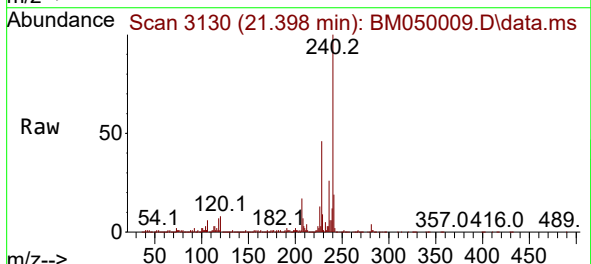
Manual Integrations
APPROVED

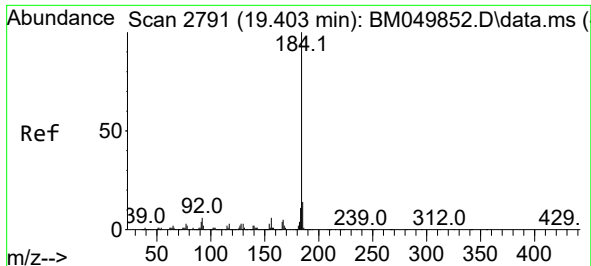
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

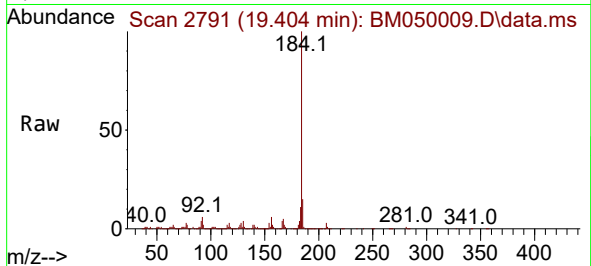
Tgt Ion:240 Resp: 956744
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.5 20.4 30.6





#77
Benzidine
Concen: 85.001 ng
RT: 19.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

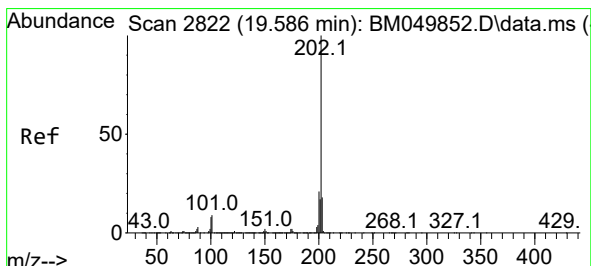
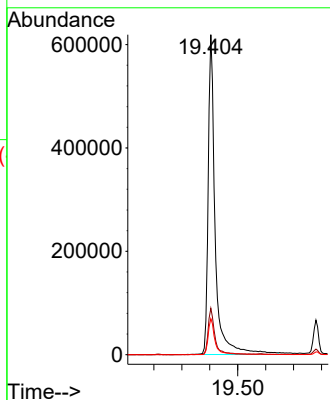
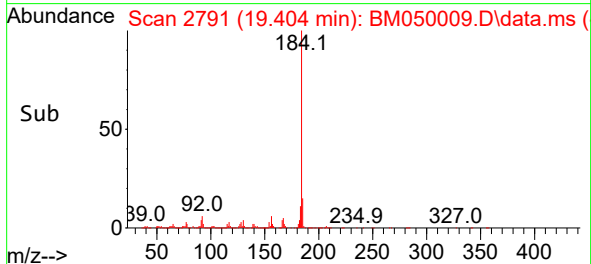
Instrument :
BNA_M
ClientSampleId :
PB167694BS



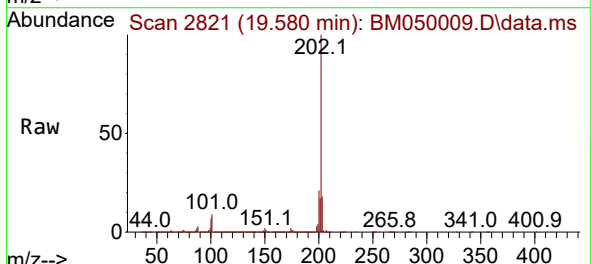
Tgt Ion:184 Resp: 1078879
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.2 8.8 13.2

Manual Integrations
APPROVED

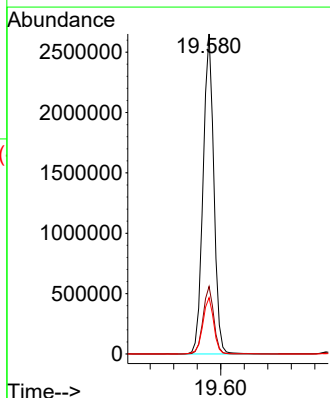
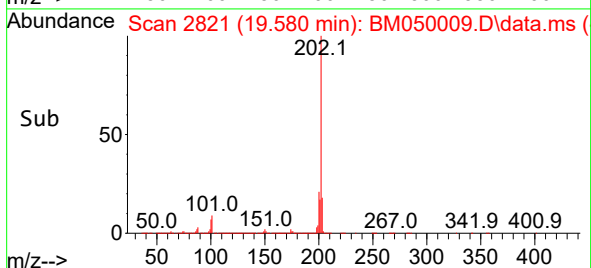
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

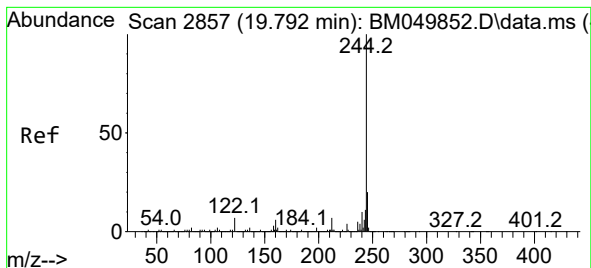


#78
Pyrene
Concen: 50.969 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



Tgt Ion:202 Resp: 3360749
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 17.6 14.0 21.0





#79

Terphenyl-d14

Concen: 115.743 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050009.D

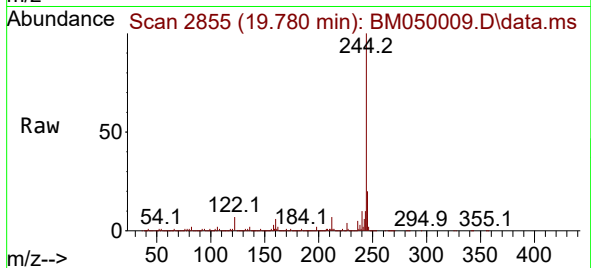
Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS



Tgt Ion:244 Resp: 590893

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

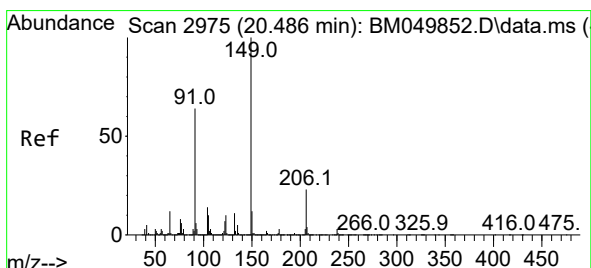
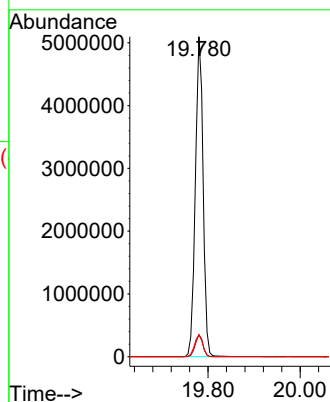
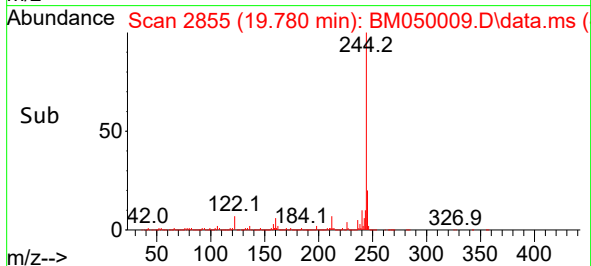
122 6.8 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#80

Butylbenzylphthalate

Concen: 48.661 ng

RT: 20.474 min Scan# 2973

Delta R.T. -0.012 min

Lab File: BM050009.D

Acq: 23 Apr 2025 11:57

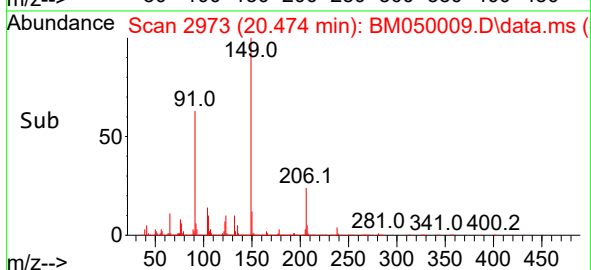
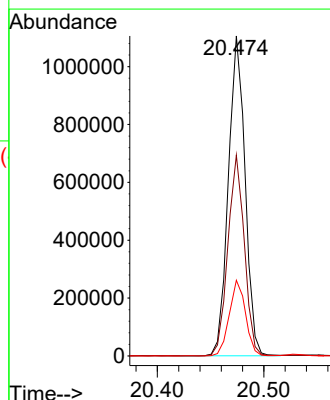
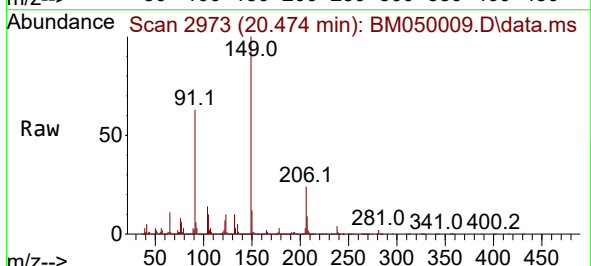
Tgt Ion:149 Resp: 1205622

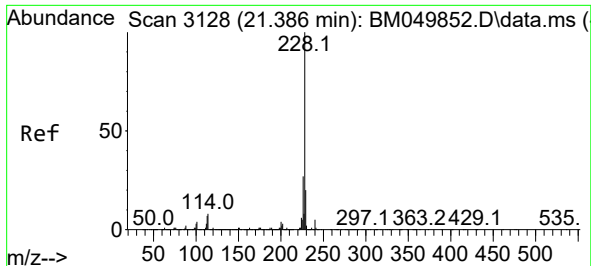
Ion Ratio Lower Upper

149 100

91 62.8 50.9 76.3

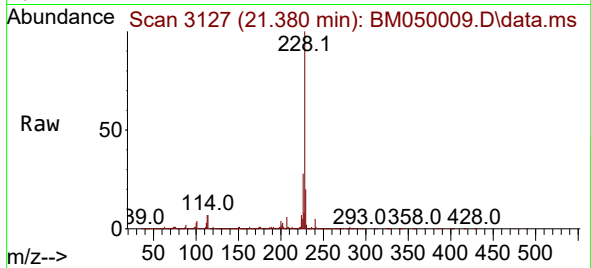
206 23.7 18.4 27.6





#81
Benzo(a)anthracene
Concen: 47.729 ng
RT: 21.380 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

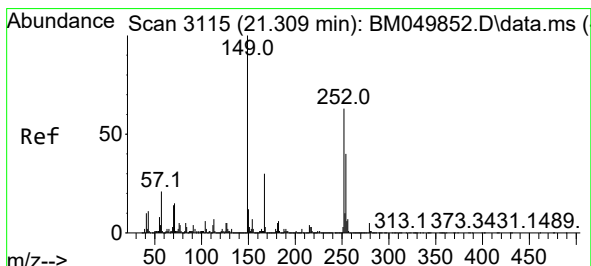
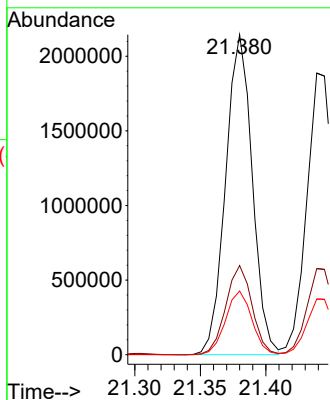
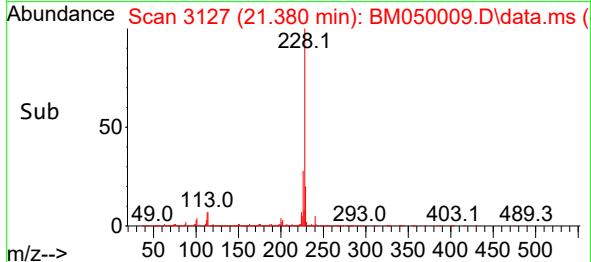
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion:228 Resp: 303485
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.9 15.8 23.8

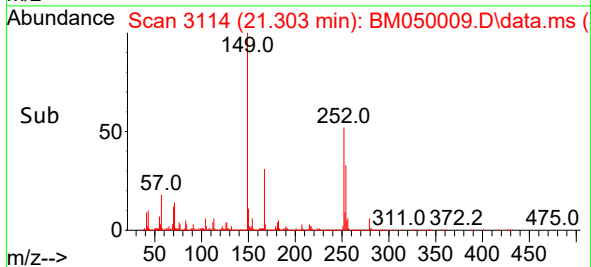
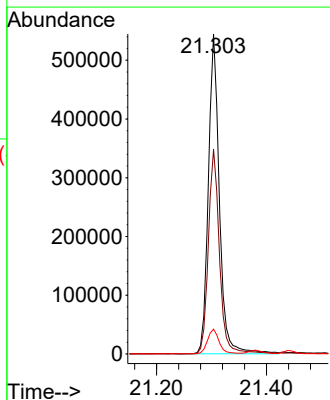
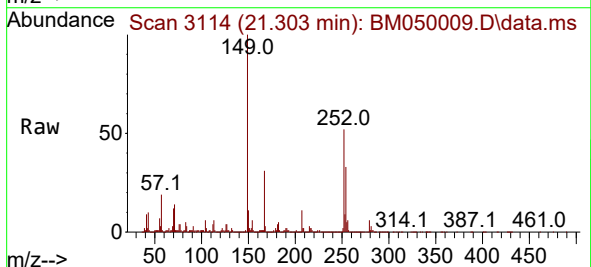
Manual Integrations
APPROVED

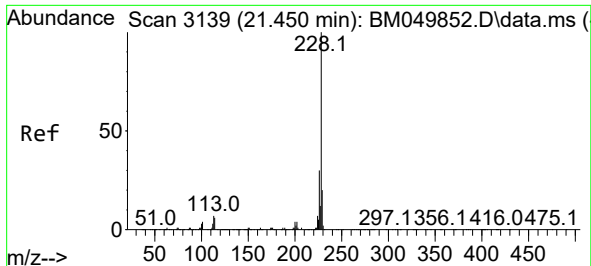
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 31.483 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

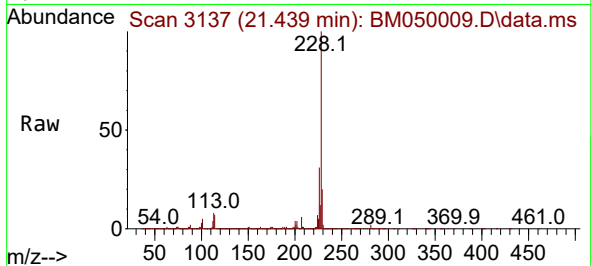
Tgt Ion:252 Resp: 755972
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 7.8 6.3 9.5





#83
Chrysene
Concen: 46.021 ng
RT: 21.439 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

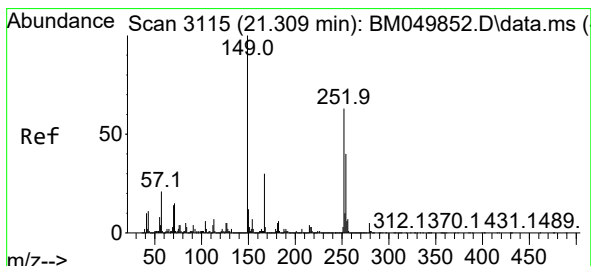
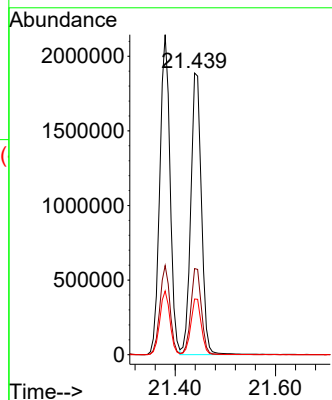
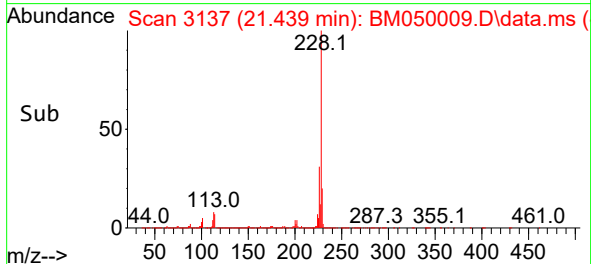
Instrument :
BNA_M
ClientSampleId :
PB167694BS



Tgt Ion:228 Resp: 2781978
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 19.8 15.8 23.6

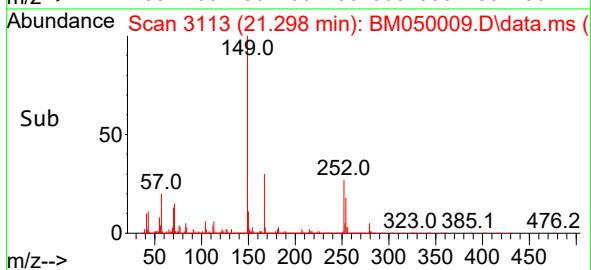
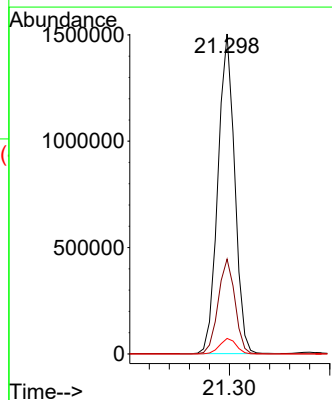
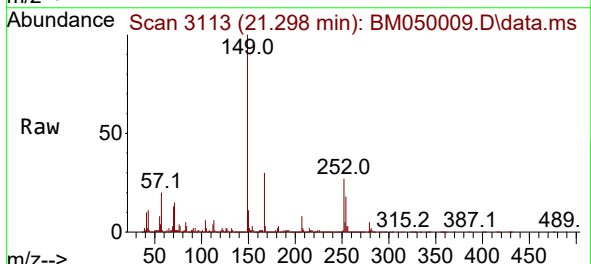
Manual Integrations
APPROVED

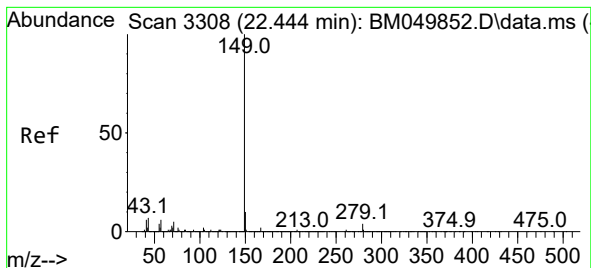
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.207 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

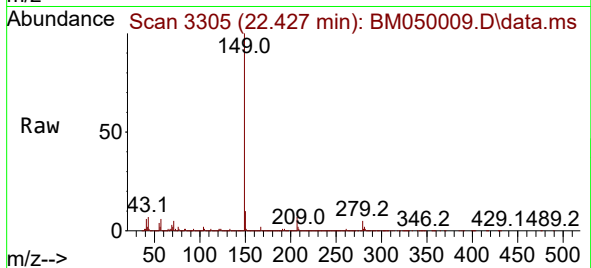
Tgt Ion:149 Resp: 1740170
Ion Ratio Lower Upper
149 100
167 29.7 23.8 35.6
279 4.9 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 44.193 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

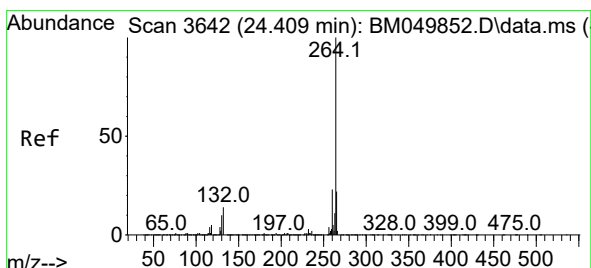
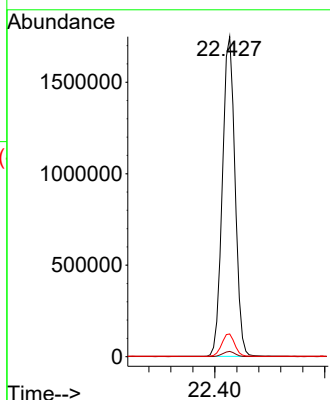
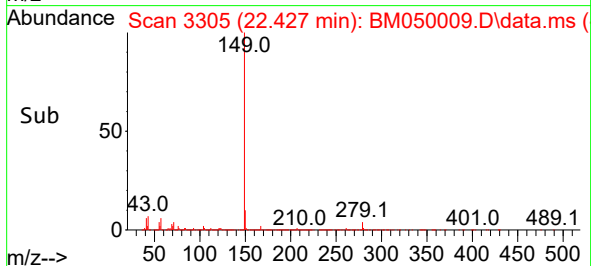
Instrument :
BNA_M
ClientSampleId :
PB167694BS



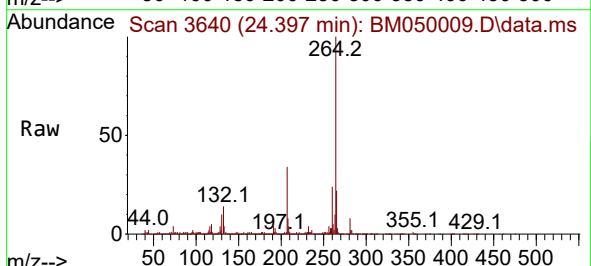
Tgt Ion:149 Resp: 279080
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.1 5.8 8.6

Manual Integrations
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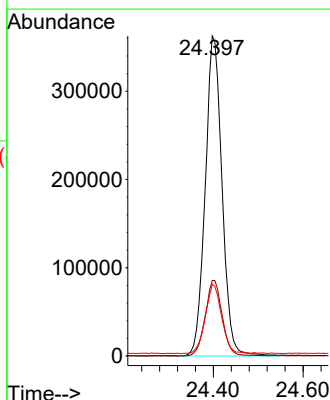
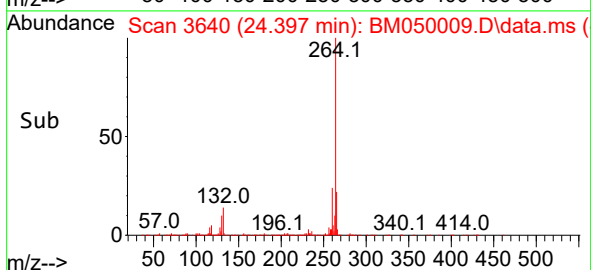
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

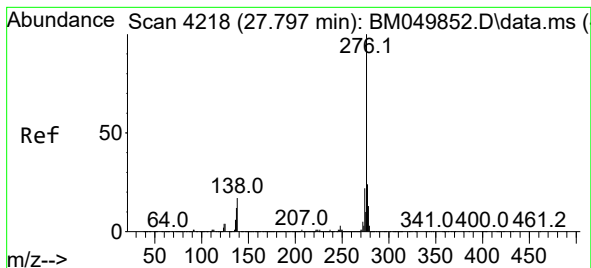


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.012 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



Tgt Ion:264 Resp: 942360
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.345 ng

RT: 27.797 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM050009.D

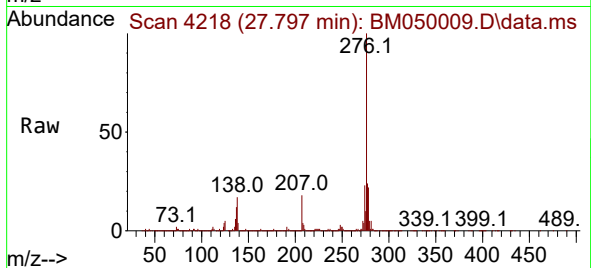
Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS



Tgt Ion:276 Resp: 346624

Ion Ratio Lower Upper

276 100

138 20.1 16.8 25.2

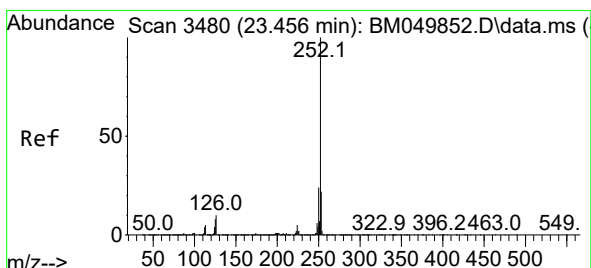
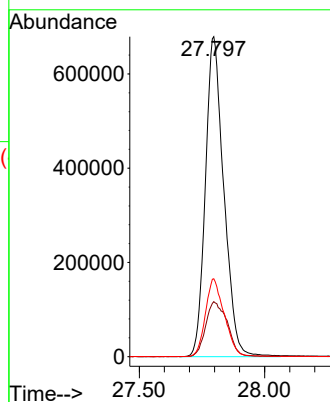
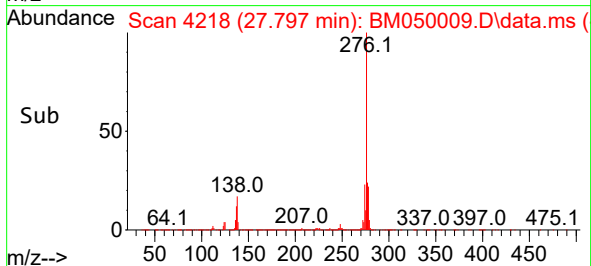
277 24.9 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#88

Benzo(b)fluoranthene

Concen: 46.623 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM050009.D

Acq: 23 Apr 2025 11:57

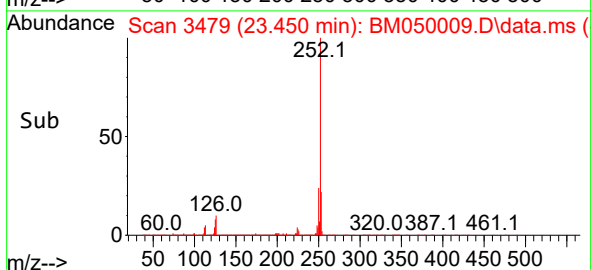
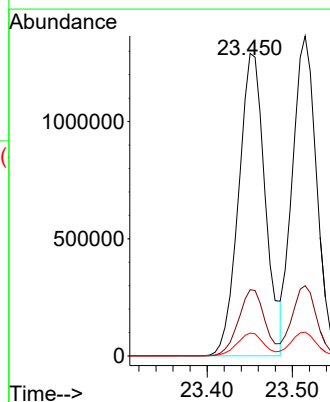
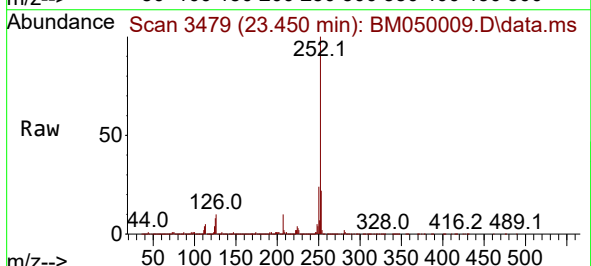
Tgt Ion:252 Resp: 2806020

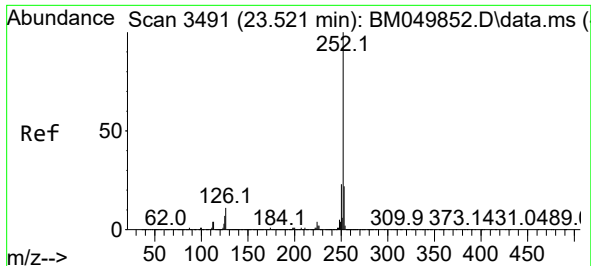
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

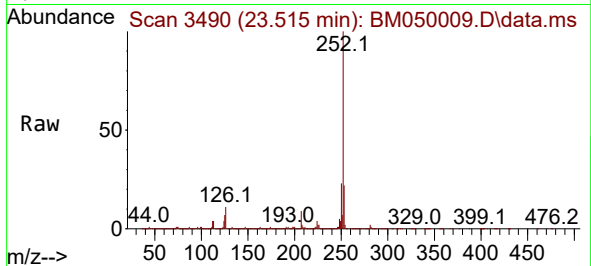
125 7.6 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 46.450 ng
RT: 23.515 min Scan# 3491
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57

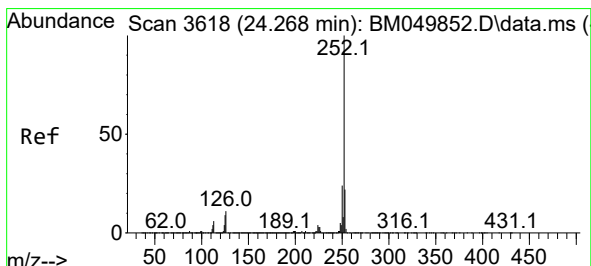
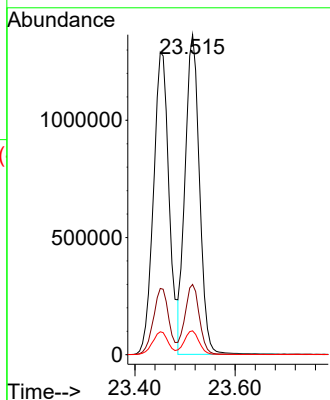
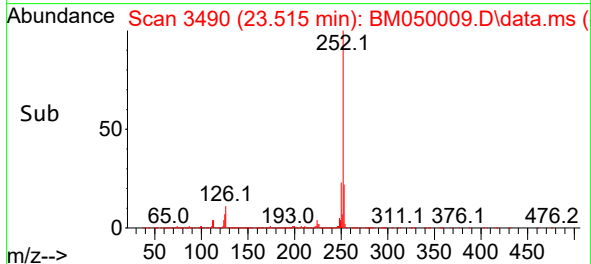
Instrument :
BNA_M
ClientSampleId :
PB167694BS



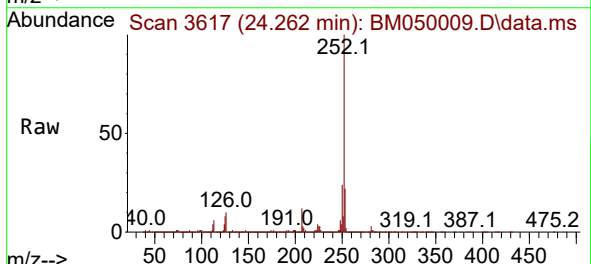
Tgt Ion:252 Resp: 270914
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.5 5.8 8.8

Manual Integrations
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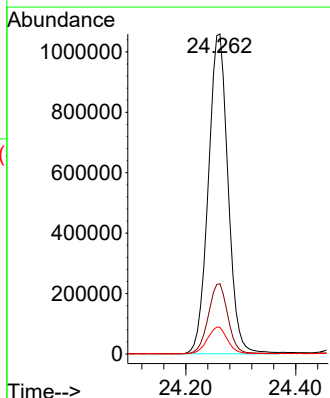
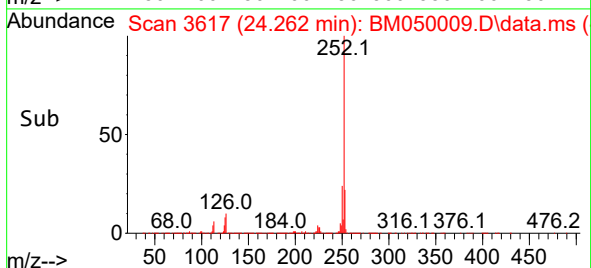
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

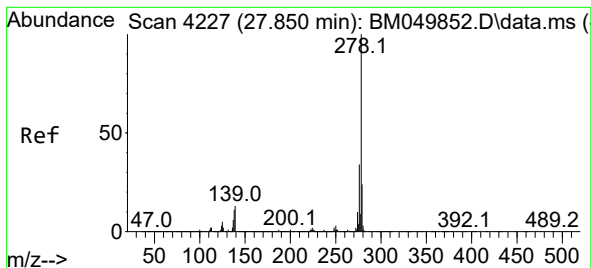


#90
Benzo(a)pyrene
Concen: 49.858 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM050009.D
Acq: 23 Apr 2025 11:57



Tgt Ion:252 Resp: 2636799
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 48.512 ng

RT: 27.844 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM050009.D

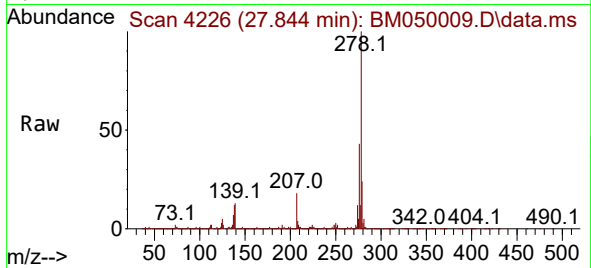
Acq: 23 Apr 2025 11:57

Instrument :

BNA_M

ClientSampleId :

PB167694BS



Tgt Ion:278 Resp: 2806898

Ion Ratio Lower Upper

278 100

139 13.0 10.6 15.8

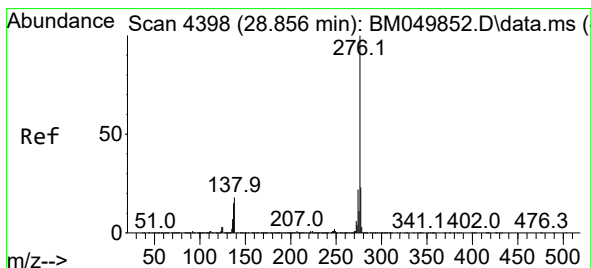
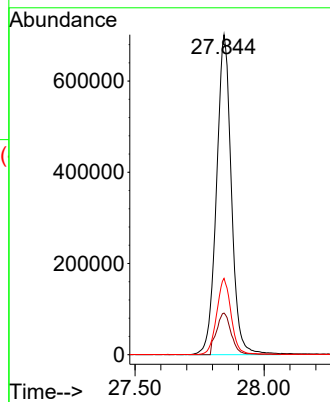
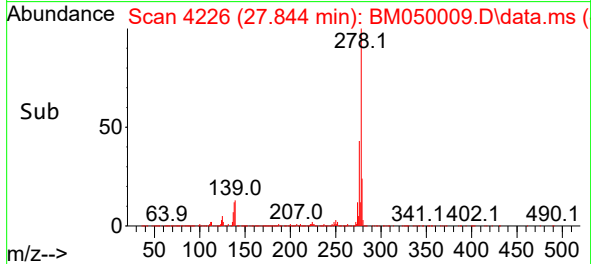
279 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#92

Benzo(g,h,i)perylene

Concen: 46.546 ng

RT: 28.856 min Scan# 4398

Delta R.T. 0.000 min

Lab File: BM050009.D

Acq: 23 Apr 2025 11:57

Tgt Ion:276 Resp: 2752027

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 17.6 14.6 21.8

