

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050208.D
 Acq On : 06 Jun 2025 10:47
 Operator : RC/JU
 Sample : PB168269BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168269BS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

06/09/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: Jun 06 11:23:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	327776	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1233278	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	655553	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1123564	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1060555	20.000	ng	0.00
86) Perylene-d12	24.368	264	1186020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2567295	130.657	ng	0.00
7) Phenol-d6	6.951	99	3136308	121.251	ng	0.00
23) Nitrobenzene-d5	8.939	82	1892430	79.805	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	914951	122.706	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	3882156	80.174	ng	0.00
79) Terphenyl-d14	19.780	244	4436403	79.271	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	325321	37.771	ng	99
3) Pyridine	3.681	79	904757	40.563	ng	100
4) n-Nitrosodimethylamine	3.593	42	208634	45.234	ng	99
6) Aniline	7.110	93	837259	24.485	ng	98
8) 2-Chlorophenol	7.351	128	992699	45.930	ng	100
9) Benzaldehyde	6.922	77	542414	32.983	ng	99
10) Phenol	6.981	94	1215351	44.407	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	981243	44.575	ng	99
12) 1,3-Dichlorobenzene	7.681	146	1093012	45.236	ng	100
13) 1,4-Dichlorobenzene	7.822	146	1114691	44.340	ng	99
14) 1,2-Dichlorobenzene	8.139	146	1068631	44.590	ng	99
15) Benzyl Alcohol	8.022	79	794202	43.049	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.322	45	679997	44.467	ng	99
17) 2-Methylphenol	8.222	107	782986	43.360	ng	99
18) Hexachloroethane	8.869	117	420967	46.239	ng	99
19) n-Nitroso-di-n-propyla...	8.592	70	663797	41.936	ng	98
20) 3+4-Methylphenols	8.551	107	1032399	42.732	ng	99
22) Acetophenone	8.604	105	1394781	45.269	ng	# 98
24) Nitrobenzene	8.980	77	1008774	46.775	ng	99
25) Isophorone	9.510	82	1809915	44.221	ng	99
26) 2-Nitrophenol	9.686	139	452068	48.560	ng	99
27) 2,4-Dimethylphenol	9.751	122	860580	44.991	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1192528	44.601	ng	99
29) 2,4-Dichlorophenol	10.222	162	815245	46.057	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	918180	46.614	ng	99
31) Naphthalene	10.627	128	2842640	44.581	ng	100
32) Benzoic acid	9.869	122	514873	42.831	ng	99
33) 4-Chloroaniline	10.727	127	288124	10.599	ng	98
34) Hexachlorobutadiene	10.922	225	550713	47.004	ng	99
35) Caprolactam	11.492	113	228114	40.649	ng	93
36) 4-Chloro-3-methylphenol	11.851	107	803016	42.515	ng	100
37) 2-Methylnaphthalene	12.239	142	1697571	44.131	ng	99
38) 1-Methylnaphthalene	12.457	142	1765176	43.235	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	919860	48.593	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1246647	108.441	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	596512	47.918	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	648023	47.413	ng	98
46) 1,1'-Biphenyl	13.251	154	2302794	46.912	ng	100
47) 2-Chloronaphthalene	13.292	162	1775566	46.527	ng	99
48) 2-Nitroaniline	13.486	65	406112	48.358	ng	99
49) Acenaphthylene	14.133	152	2844003	46.075	ng	99
50) Dimethylphthalate	13.874	163	1978120	44.618	ng	99
51) 2,6-Dinitrotoluene	13.980	165	425559	47.597	ng	95
52) Acenaphthene	14.480	154	1905934	49.367	ng	99
53) 3-Nitroaniline	14.304	138	180262	18.090	ng	94
54) 2,4-Dinitrophenol	14.510	184	466278	90.070	ng	96
55) Dibenzofuran	14.815	168	2529176	44.778	ng	99
56) 4-Nitrophenol	14.610	139	818441	96.500	ng	100
57) 2,4-Dinitrotoluene	14.768	165	582583	49.396	ng	99
58) Fluorene	15.462	166	1923441	44.461	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	539527m	45.625	ng	
60) Diethylphthalate	15.245	149	1933121	43.945	ng	99
61) 4-Chlorophenyl-phenyle...	15.462	204	928607	44.414	ng	98
62) 4-Nitroaniline	15.468	138	395494	42.346	ng	99
63) Azobenzene	15.751	77	1951359	44.381	ng	98
65) 4,6-Dinitro-2-methylph...	15.527	198	292506	47.665	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1684849	47.725	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	573472	47.863	ng	99
68) Hexachlorobenzene	16.462	284	665920	47.570	ng	98
69) Atrazine	16.621	200	556402	49.464	ng	100
70) Pentachlorophenol	16.804	266	897621	98.626	ng	99
71) Phenanthrene	17.192	178	2959230	46.104	ng	100
72) Anthracene	17.286	178	3004594	46.793	ng	100
73) Carbazole	17.551	167	2762804	47.230	ng	99
74) Di-n-butylphthalate	18.133	149	3068125	48.203	ng	100
75) Fluoranthene	19.203	202	3170134	46.834	ng	98
77) Benzidine	19.386	184	762450	25.565	ng	100
78) Pyrene	19.568	202	3317752	46.414	ng	99
80) Butylbenzylphthalate	20.480	149	1200885	50.365	ng	97
81) Benzo(a)anthracene	21.362	228	3170963	47.237	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	487751	23.827	ng	100
83) Chrysene	21.427	228	3030852	47.465	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1865304	50.788	ng	98
85) Di-n-octyl phthalate	22.456	149	3032564	55.644	ng	100
87) Indeno(1,2,3-cd)pyrene	27.744	276	4171594	54.627	ng	# 93
88) Benzo(b)fluoranthene	23.427	252	3291254	47.730	ng	100
89) Benzo(k)fluoranthene	23.491	252	3268507	46.432	ng	99
90) Benzo(a)pyrene	24.227	252	3181588	49.074	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	3373519	54.424	ng	98
92) Benzo(g,h,i)perylene	28.791	276	3433734	55.347	ng	100

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

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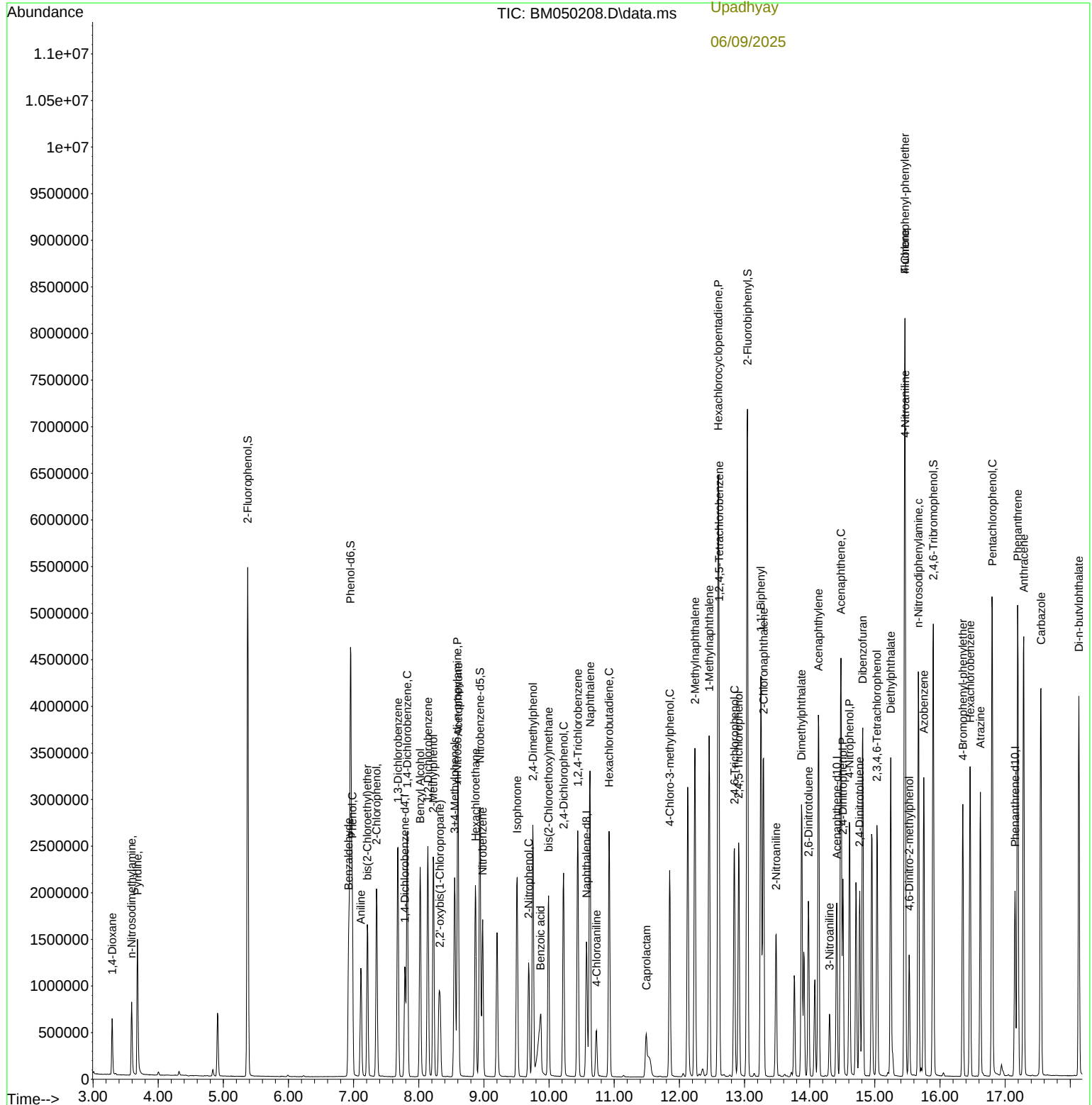
Manual Integrations
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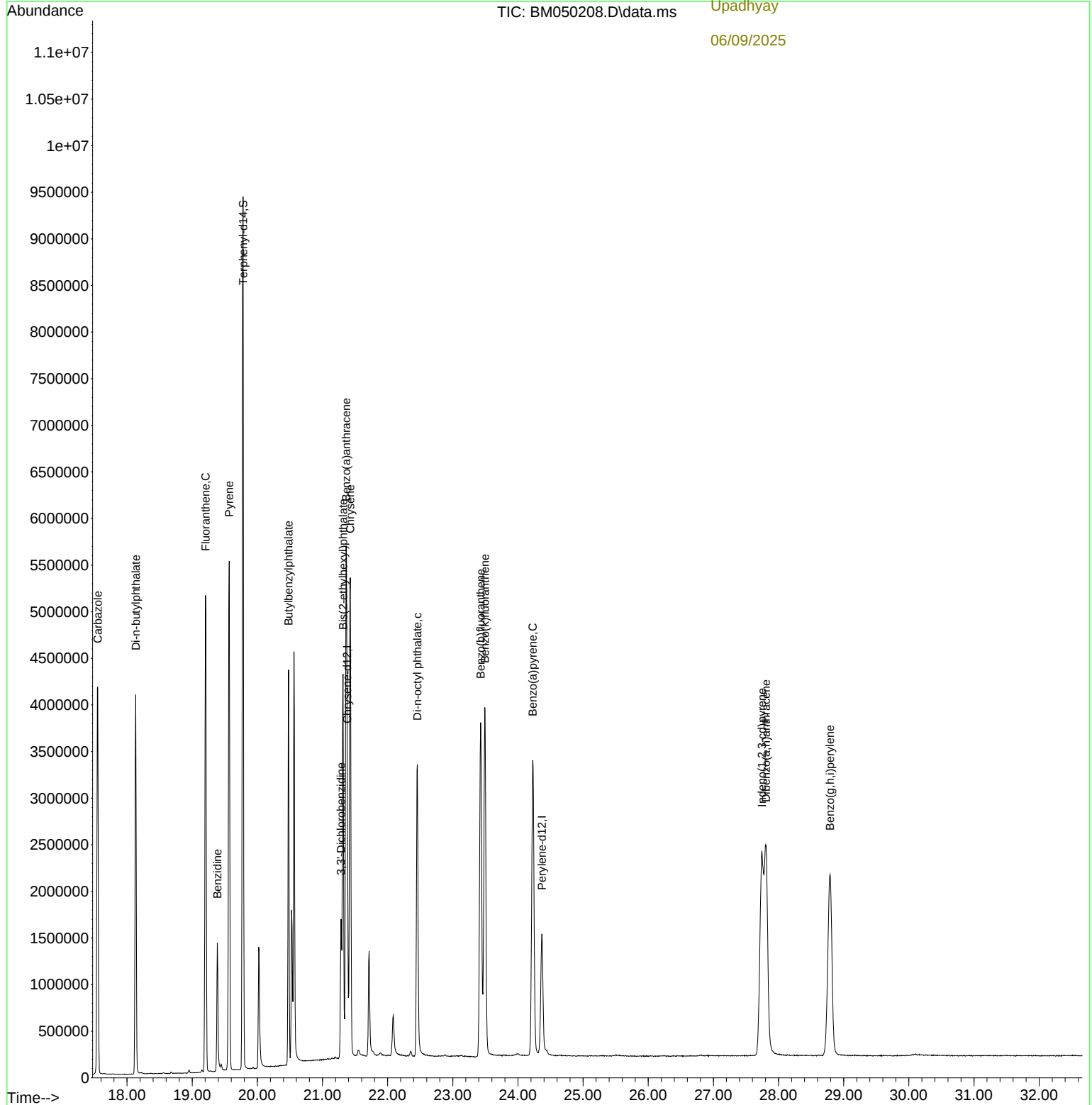
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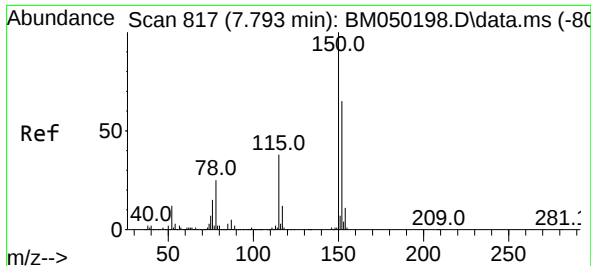
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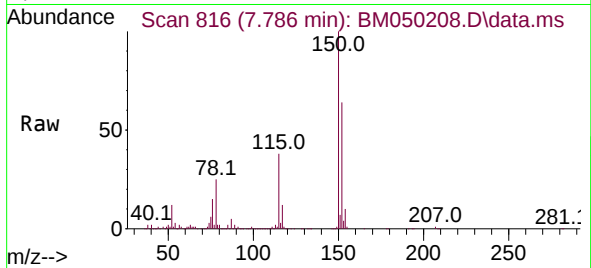
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.786 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BM050208.D
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Instrument :
 BNA_M
 ClientSampleId :
 PB168269BS



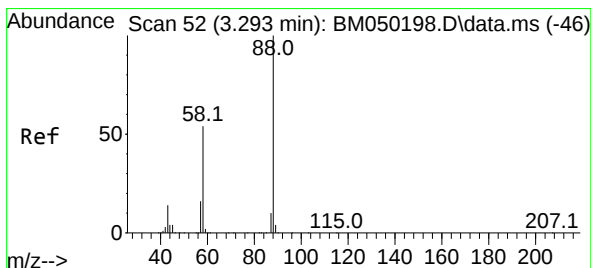
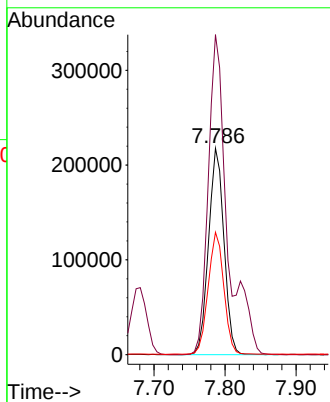
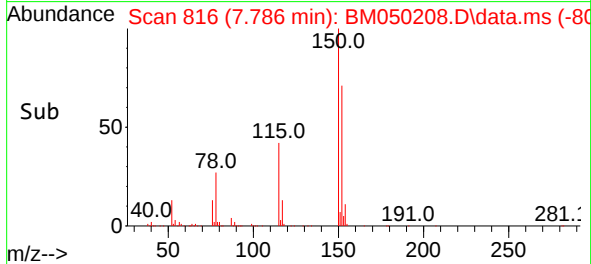
Tgt Ion: 152 Resp: 327776
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.2 183.4
 115 59.3 46.3 69.5

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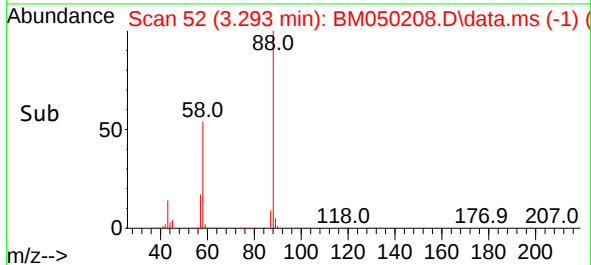
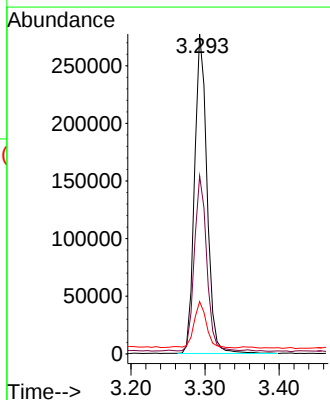
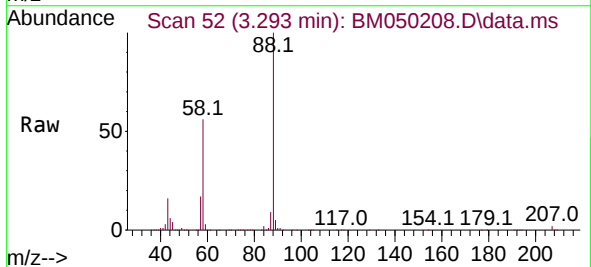
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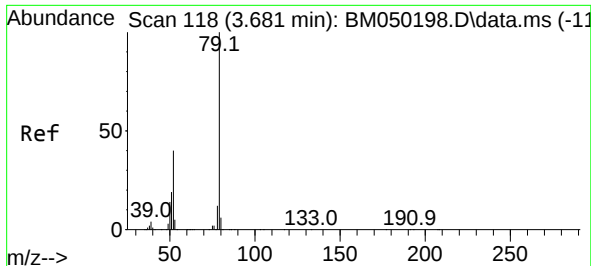
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#2
 1,4-Dioxane
 Concen: 37.771 ng
 RT: 3.293 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: BM050208.D
 Acq: 06 Jun 2025 10:47

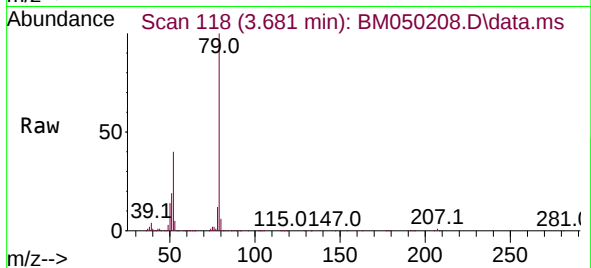
Tgt Ion: 88 Resp: 325321
 Ion Ratio Lower Upper
 88 100
 58 54.1 42.9 64.3
 43 14.5 11.0 16.6





#3
Pyridine
Concen: 40.563 ng
RT: 3.681 min Scan# 118
Delta R.T. -0.000 min
Lab File: BM050208.D
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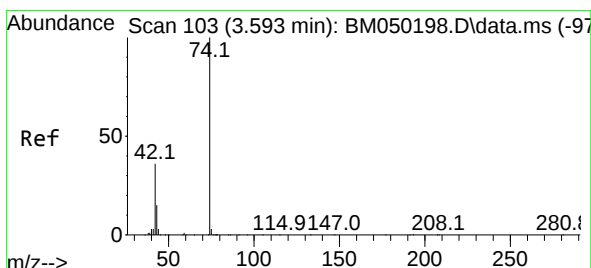
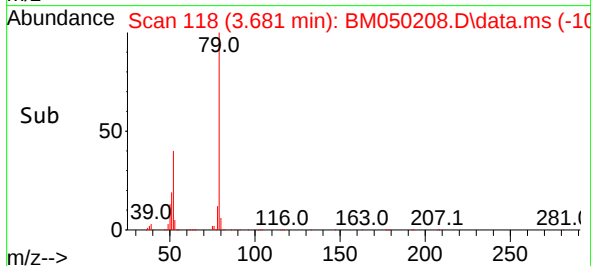
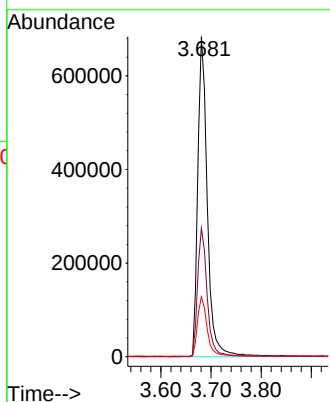
Tgt Ion: 79 Resp: 90475
Ion Ratio Lower Upper
79 100
52 40.2 32.1 48.1
51 18.7 15.4 23.0

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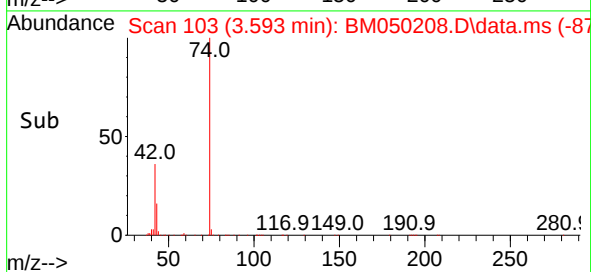
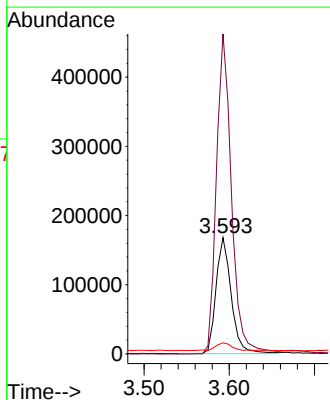
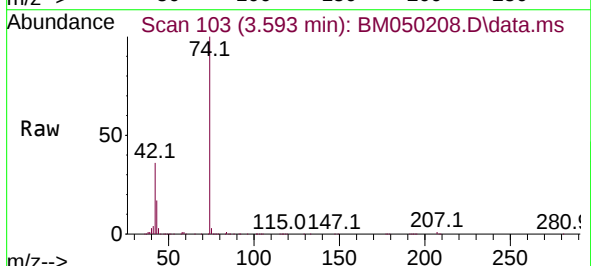
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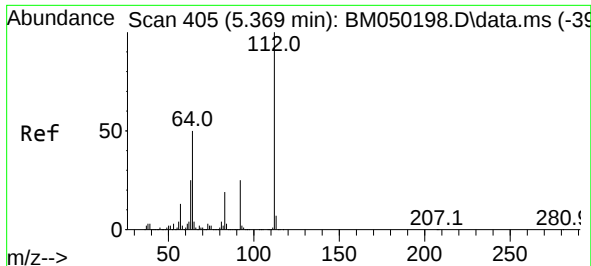
06/09/2025



#4
n-Nitrosodimethylamine
Concen: 45.234 ng
RT: 3.593 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

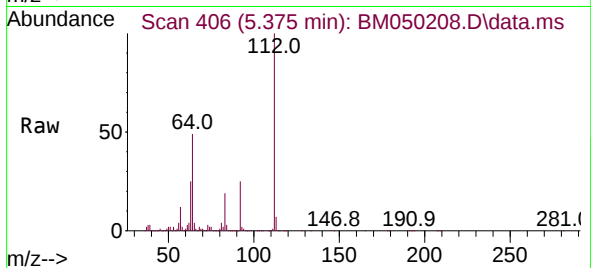
Tgt Ion: 42 Resp: 208634
Ion Ratio Lower Upper
42 100
74 275.4 222.0 333.0
44 9.6 7.0 10.6





#5
2-Fluorophenol
Concen: 130.657 ng
RT: 5.375 min Scan# 405
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

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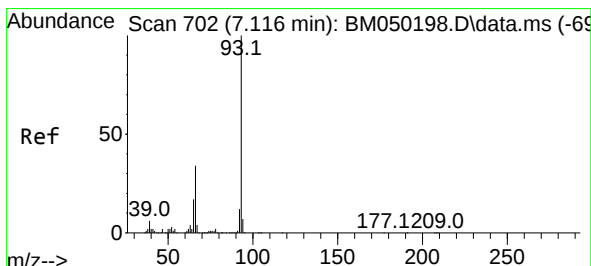
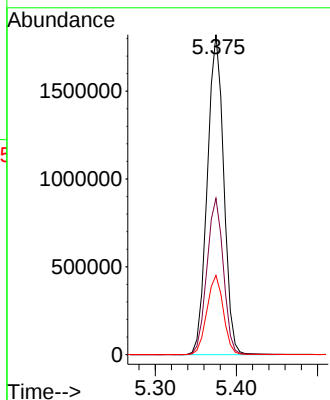
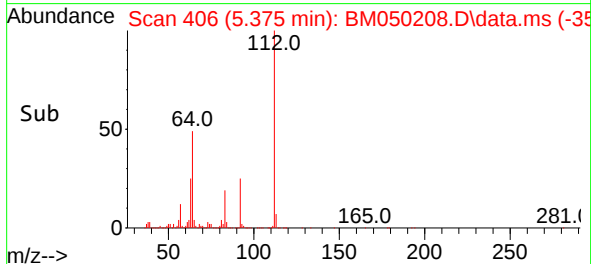
Tgt Ion:112 Resp: 2567295
Ion Ratio Lower Upper
112 100
64 48.8 39.8 59.6
63 24.7 19.8 29.8

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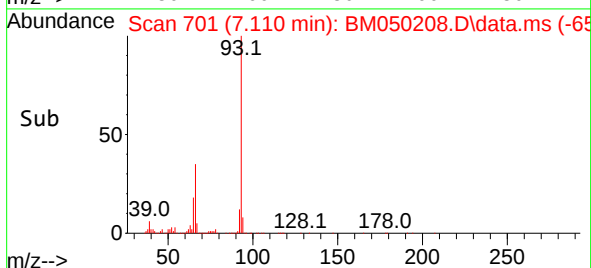
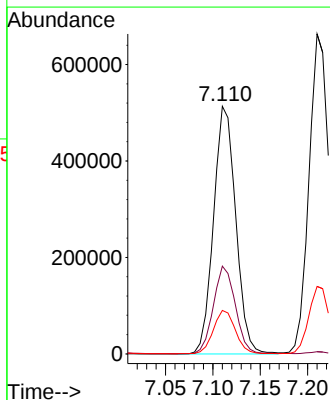
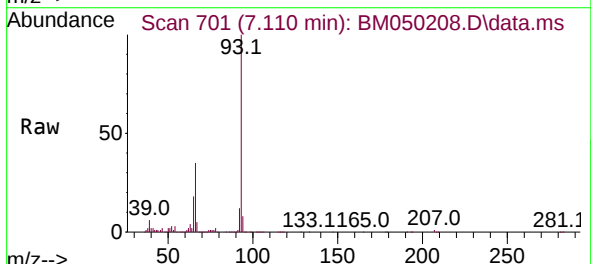
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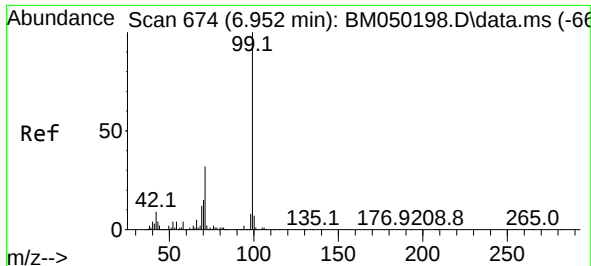
06/09/2025



#6
Aniline
Concen: 24.485 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

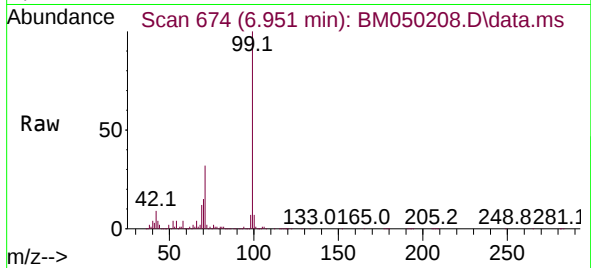
Tgt Ion: 93 Resp: 837259
Ion Ratio Lower Upper
93 100
66 35.4 27.4 41.2
65 17.6 13.6 20.4





#7
Phenol-d6
Concen: 121.251 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050208.D
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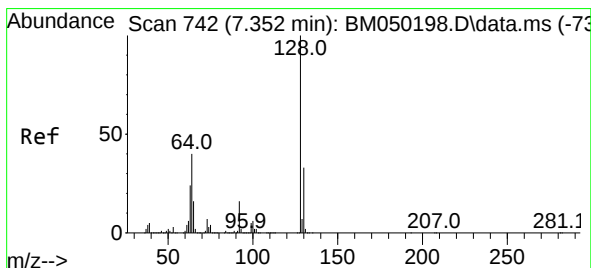
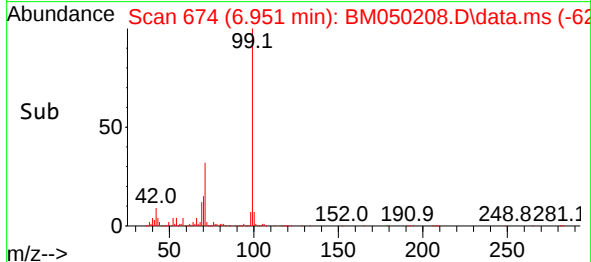
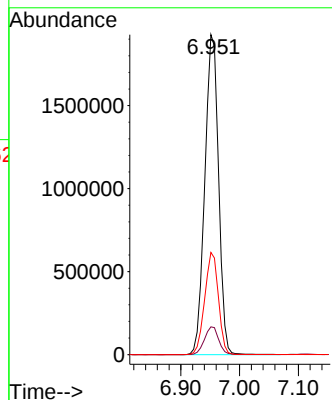
Tgt Ion: 99 Resp: 3136308
Ion Ratio Lower Upper
99 100
42 8.7 6.9 10.3
71 31.9 25.3 37.9

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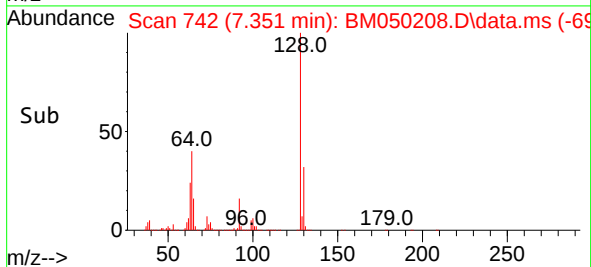
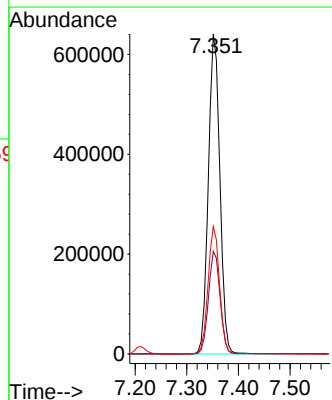
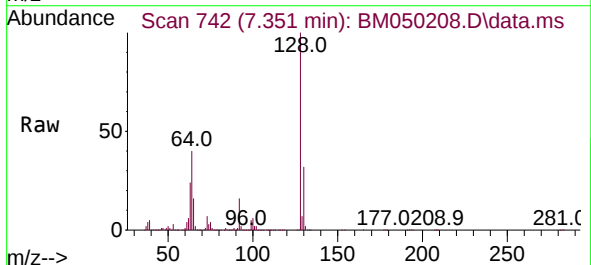
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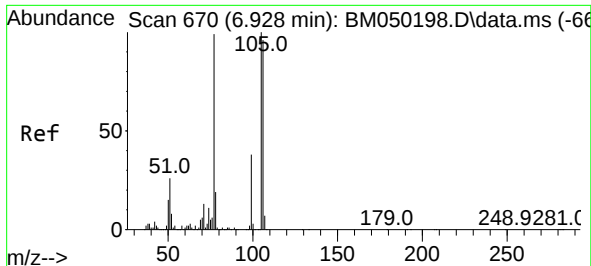
06/09/2025



#8
2-Chlorophenol
Concen: 45.930 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM050208.D
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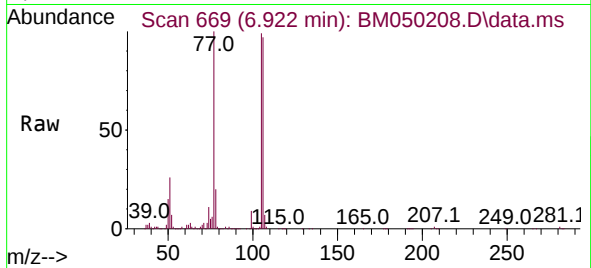
Tgt Ion:128 Resp: 992699
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 39.8 19.8 59.8





#9
Benzaldehyde
Concen: 32.983 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.006 min
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ClientSampleId :
PB168269BS



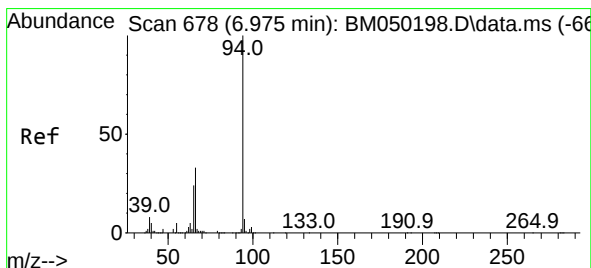
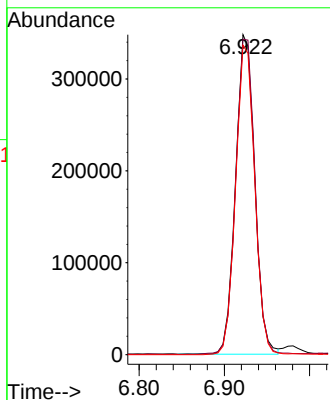
Tgt Ion: 77 Resp: 542414
Ion Ratio Lower Upper
77 100
105 98.6 80.9 120.9
106 96.7 77.1 117.1

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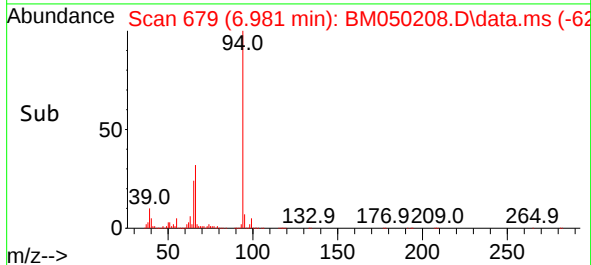
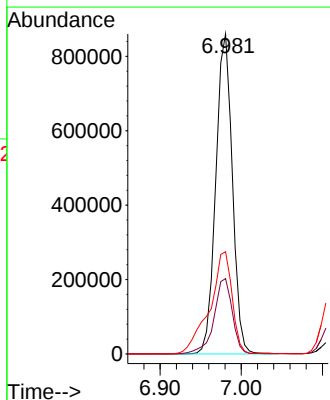
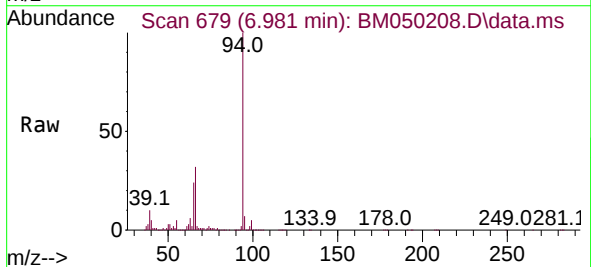
06/09/2025
Supervised By :Jagrut
Upadhyay

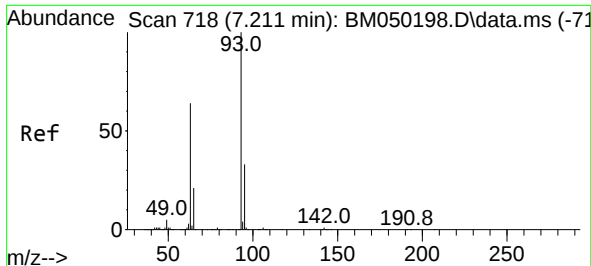
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#10
Phenol
Concen: 44.407 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

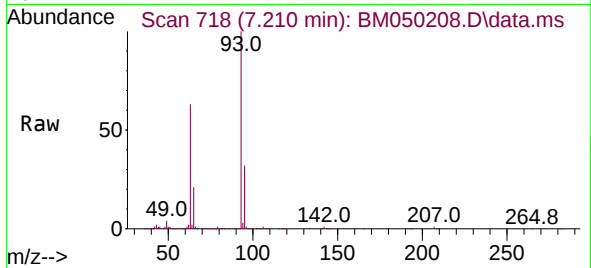
Tgt Ion: 94 Resp: 1215351
Ion Ratio Lower Upper
94 100
65 23.5 4.3 44.3
66 31.9 12.9 52.9





#11
bis(2-Chloroethyl)ether
Concen: 44.575 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



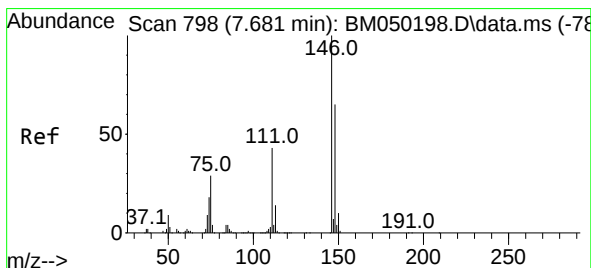
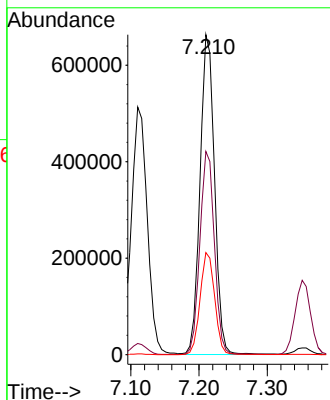
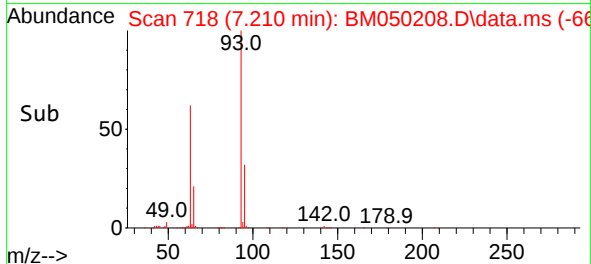
Tgt Ion: 93 Resp: 981243
Ion Ratio Lower Upper
93 100
63 63.5 43.9 83.9
95 31.9 12.7 52.7

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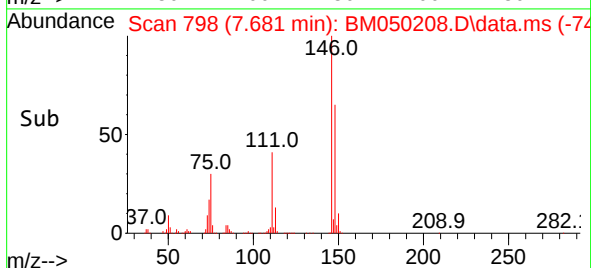
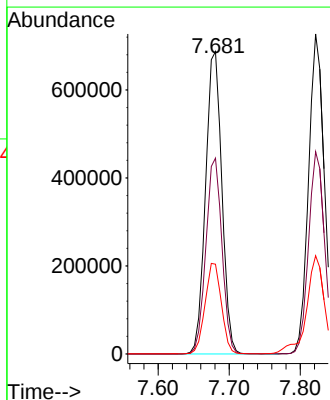
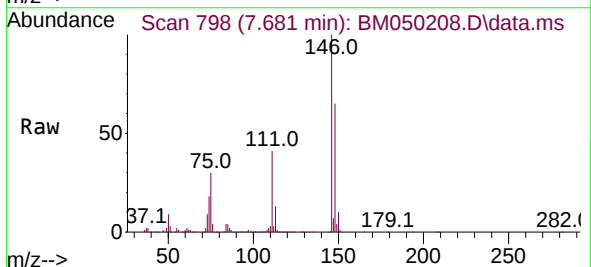
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Supervised By :Jagrut
Upadhyay

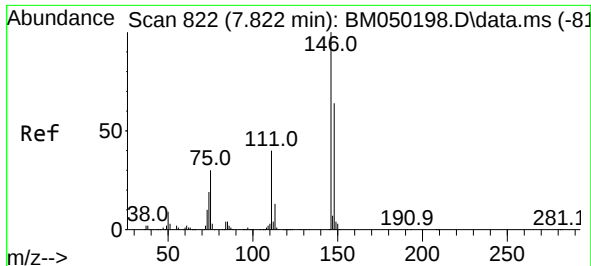
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#12
1,3-Dichlorobenzene
Concen: 45.236 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

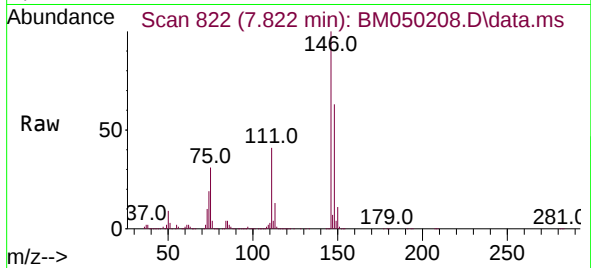
Tgt Ion:146 Resp: 1093012
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 29.7 23.4 35.0





#13
1,4-Dichlorobenzene
Concen: 44.340 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



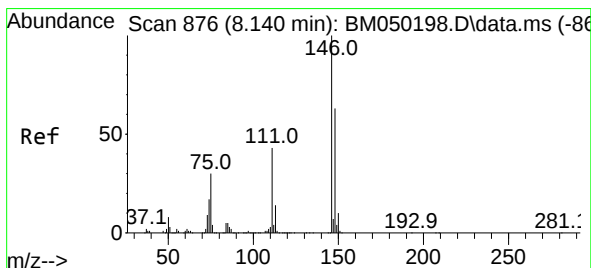
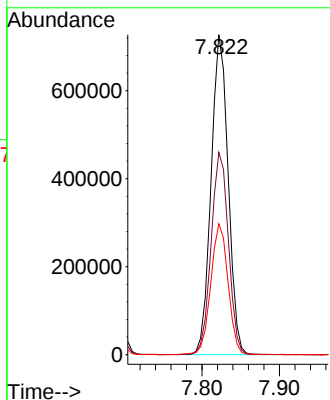
Tgt Ion:146 Resp: 1114691
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
111 40.9 32.3 48.5

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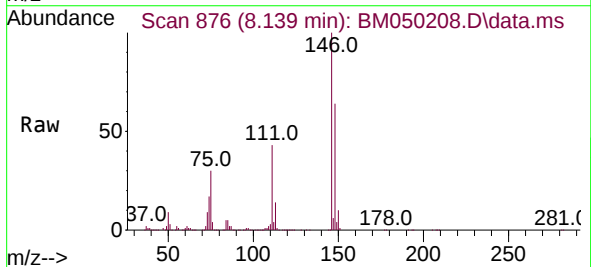
Reviewed By :Rahul
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Supervised By :Jagrut
Upadhyay

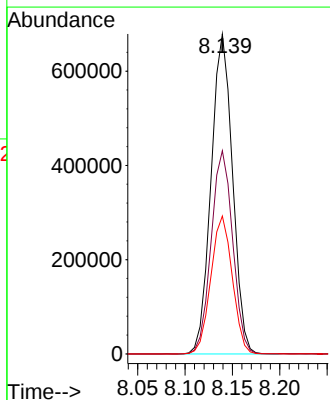
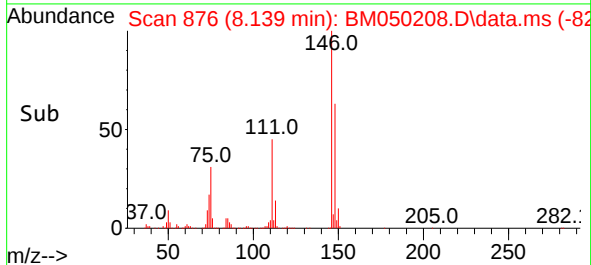
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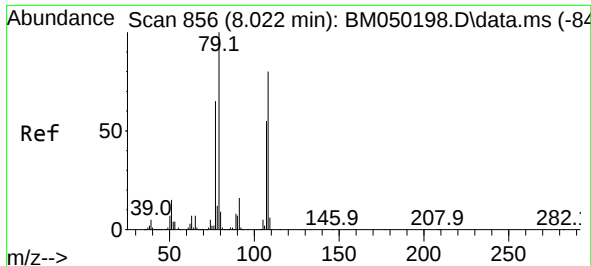


#14
1,2-Dichlorobenzene
Concen: 44.590 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



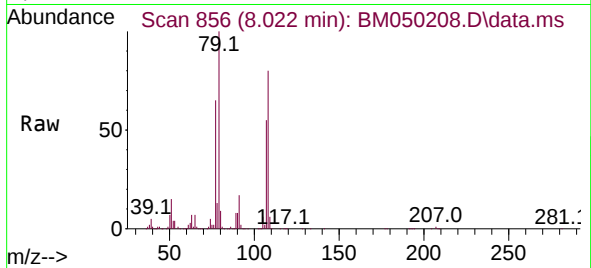
Tgt Ion:146 Resp: 1068631
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 43.1 34.3 51.5





#15
Benzyl Alcohol
Concen: 43.049 ng
RT: 8.022 min Scan# 856
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



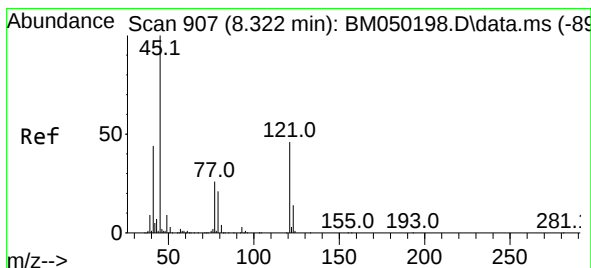
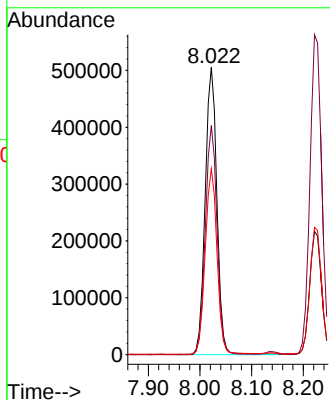
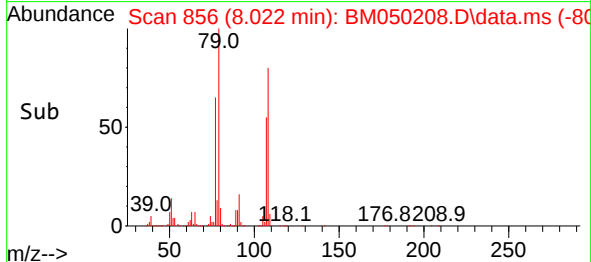
Tgt Ion: 79 Resp: 794202
Ion Ratio Lower Upper
79 100
108 79.7 64.0 96.0
77 64.7 52.2 78.2

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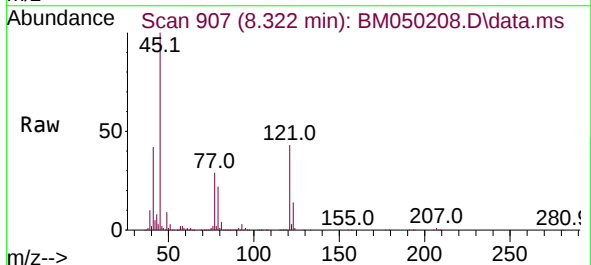
Reviewed By :Rahul
Chavli

06/09/2025
Supervised By :Jagrut
Upadhyay

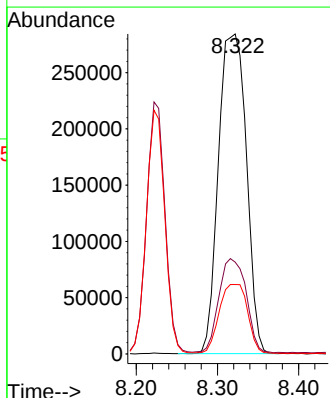
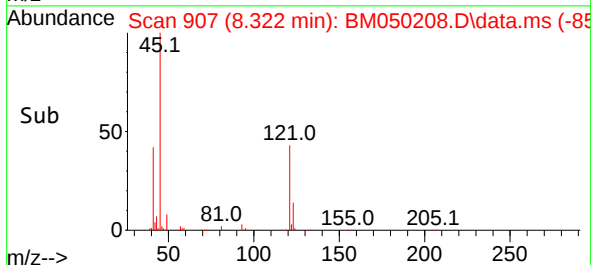
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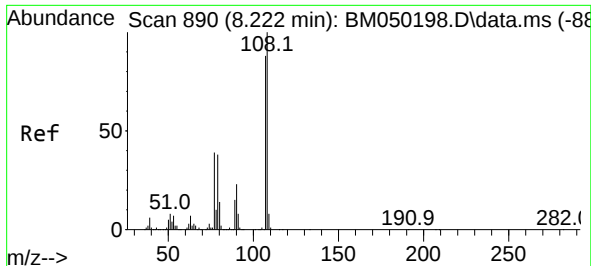


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.467 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



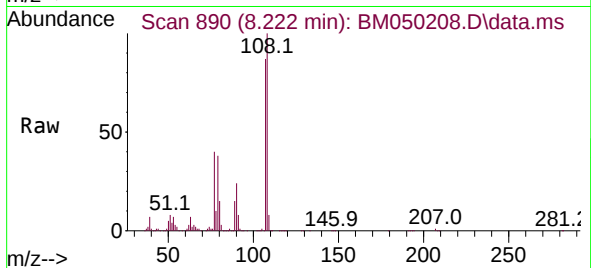
Tgt Ion: 45 Resp: 679997
Ion Ratio Lower Upper
45 100
77 28.7 8.7 48.7
79 21.7 2.7 42.7





#17
2-Methylphenol
Concen: 43.360 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



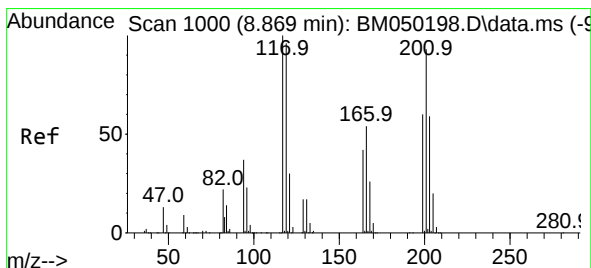
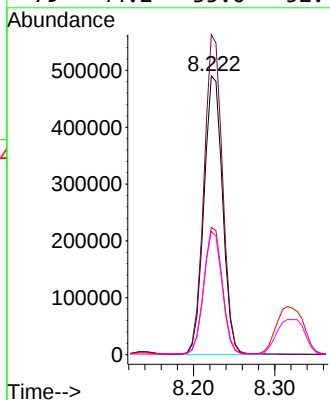
Tgt Ion:107 Resp: 782986
Ion Ratio Lower Upper
107 100
108 114.8 90.8 136.2
77 45.7 35.7 53.5
79 44.2 35.0 52.4

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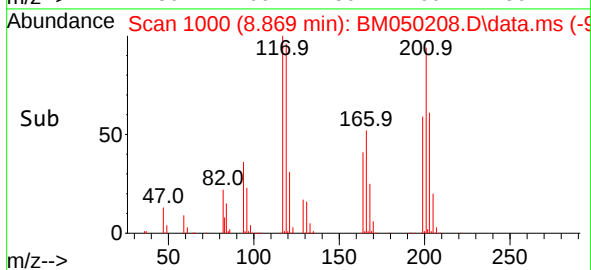
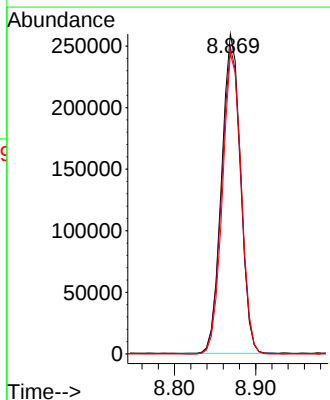
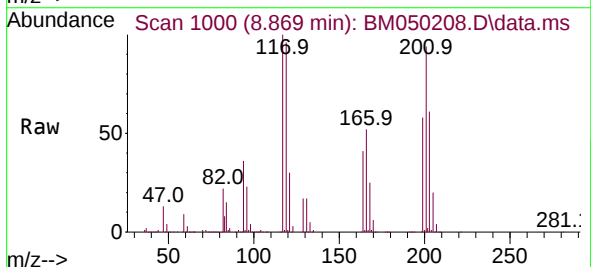
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Upadhyay

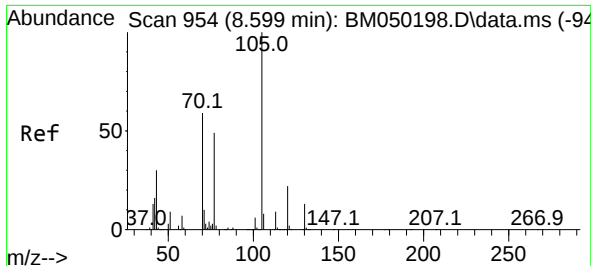
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#18
Hexachloroethane
Concen: 46.239 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

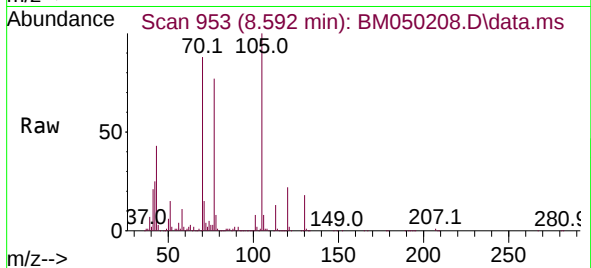
Tgt Ion:117 Resp: 420967
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.6
201 93.9 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.936 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



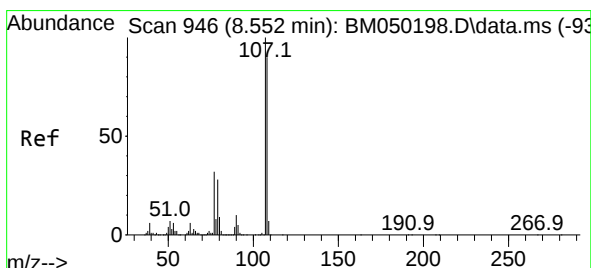
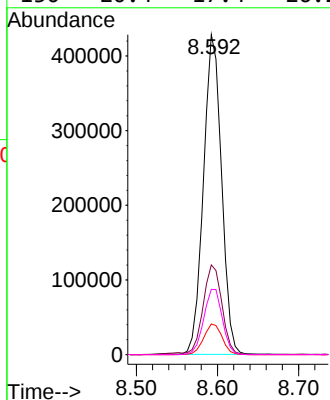
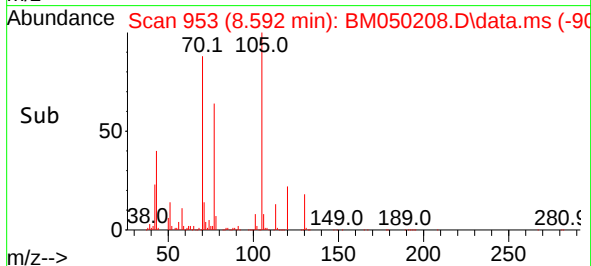
Tgt Ion: 70 Resp: 66379
Ion Ratio Lower Upper
70 100
42 28.0 22.6 33.8
101 9.6 8.3 12.5
130 20.4 17.4 26.2

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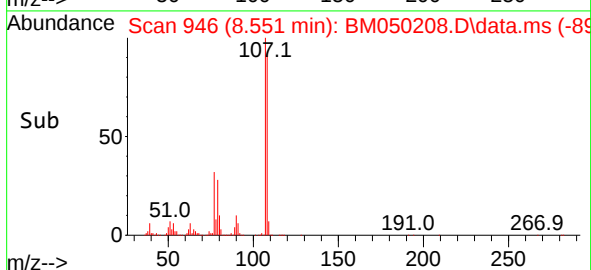
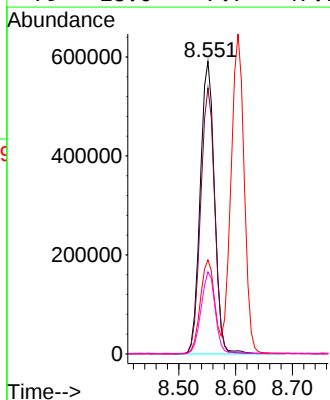
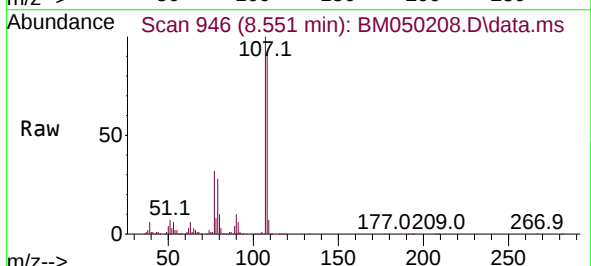
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Upadhyay

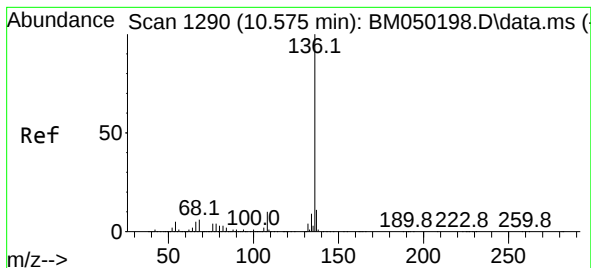
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#20
3+4-Methylphenols
Concen: 42.732 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

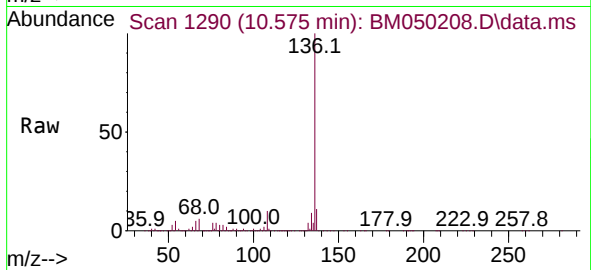
Tgt Ion:107 Resp: 1032399
Ion Ratio Lower Upper
107 100
108 91.0 70.4 110.4
77 32.1 12.2 52.2
79 28.0 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



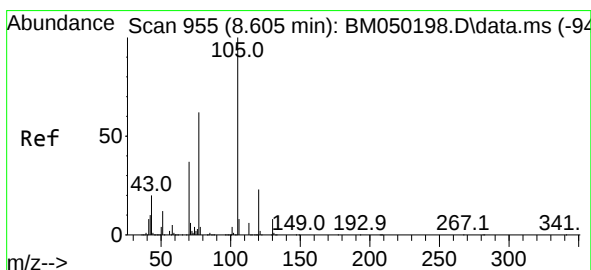
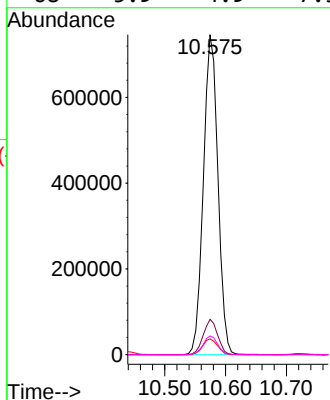
Tgt Ion:136 Resp: 1233278
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 4.9 3.8 5.8
68 5.9 4.9 7.3

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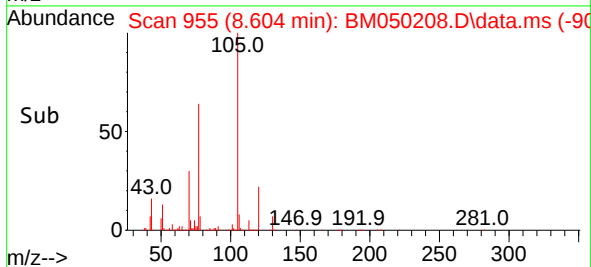
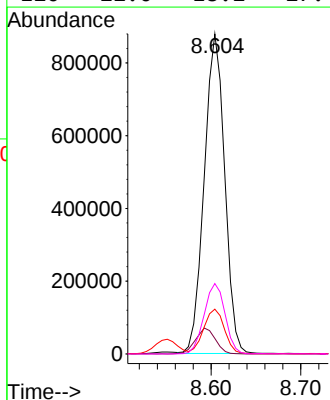
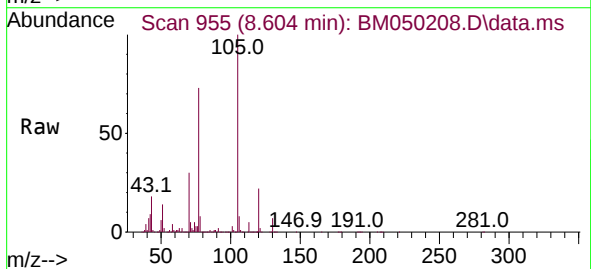
06/09/2025
Supervised By :Jagrut
Upadhyay

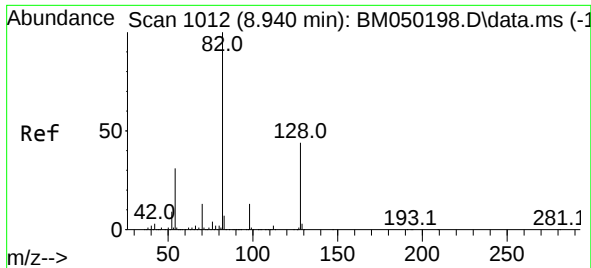
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#22
Acetophenone
Concen: 45.269 ng
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

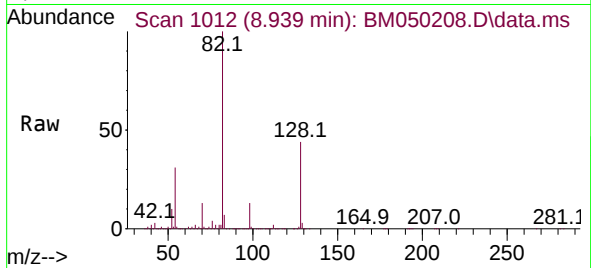
Tgt Ion:105 Resp: 1394781
Ion Ratio Lower Upper
105 100
71 4.8 5.0 7.4#
51 14.0 11.4 17.2
120 22.0 18.2 27.4





#23
Nitrobenzene-d5
Concen: 79.805 ng
RT: 8.939 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



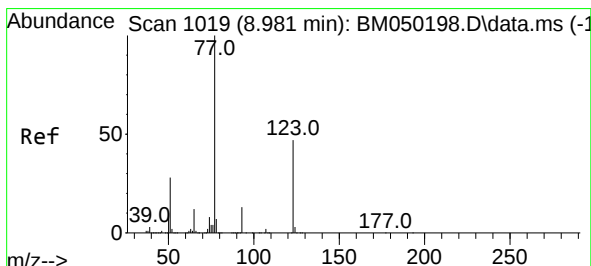
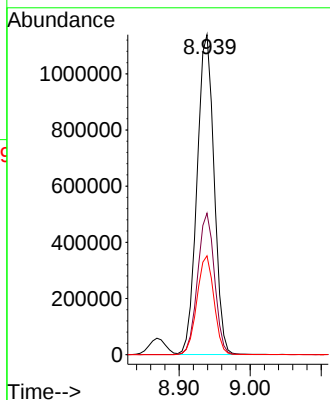
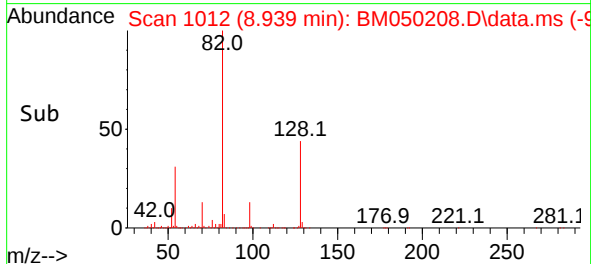
Tgt Ion: 82 Resp: 1892436
Ion Ratio Lower Upper
82 100
128 44.2 35.2 52.8
54 30.9 24.5 36.7

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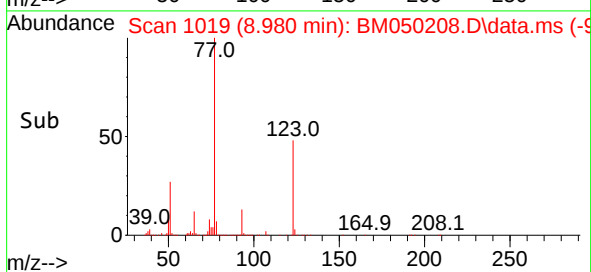
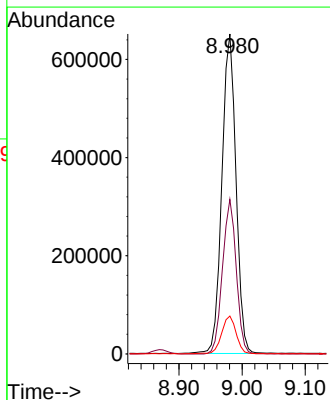
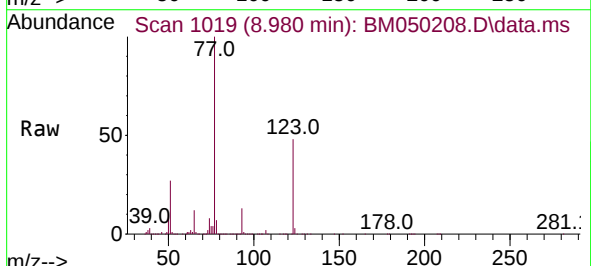
06/09/2025
Supervised By :Jagrut
Upadhyay

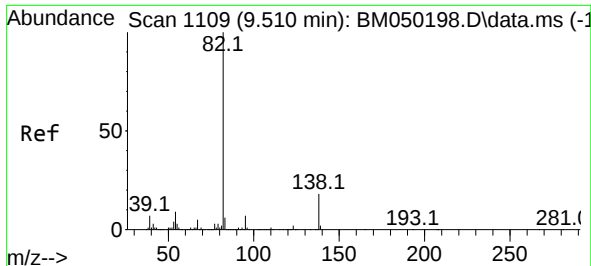
06/09/2025



#24
Nitrobenzene
Concen: 46.775 ng
RT: 8.980 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

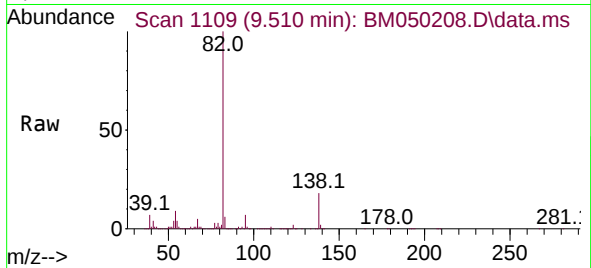
Tgt Ion: 77 Resp: 1008774
Ion Ratio Lower Upper
77 100
123 48.3 38.2 57.2
65 11.8 9.5 14.3





#25
Isophorone
Concen: 44.221 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



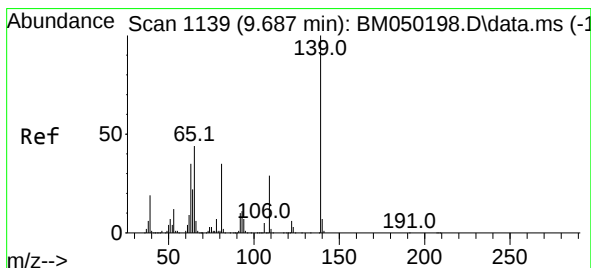
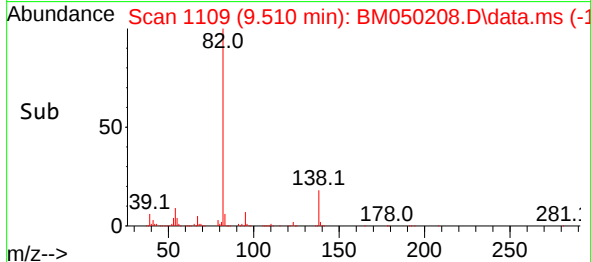
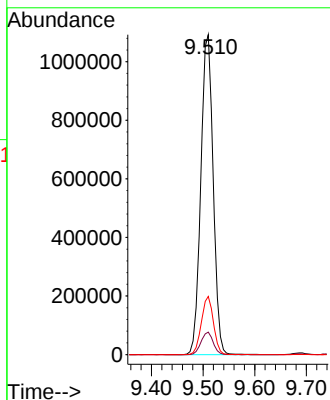
Tgt Ion: 82 Resp: 1809915
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 14.2 21.2

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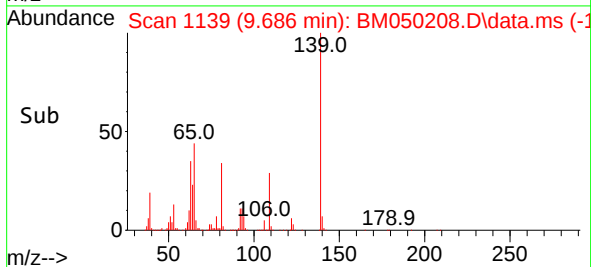
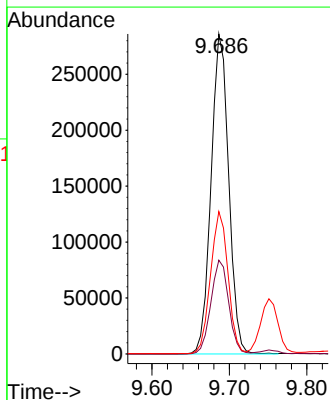
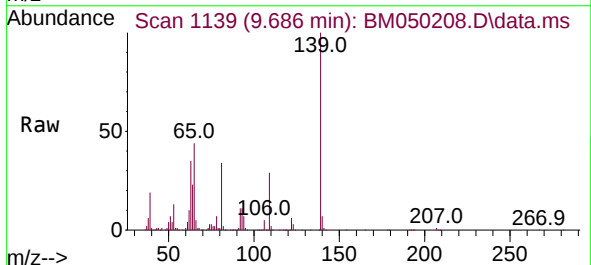
06/09/2025
Supervised By :Jagrut
Upadhyay

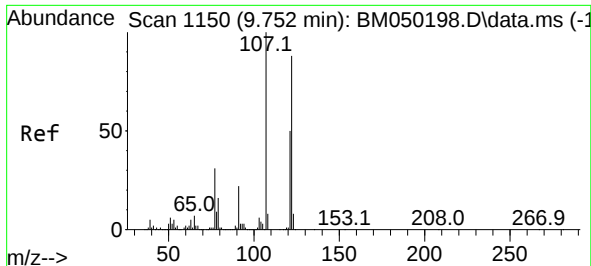
06/09/2025



#26
2-Nitrophenol
Concen: 48.560 ng
RT: 9.686 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:139 Resp: 452068
Ion Ratio Lower Upper
139 100
109 29.3 23.3 34.9
65 44.5 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 44.991 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM050208.D

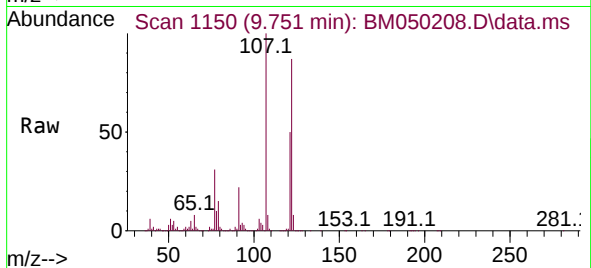
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



Tgt Ion:122 Resp: 860580

Ion Ratio Lower Upper

122 100

107 114.8 91.0 136.6

121 56.8 45.8 68.6

Manual Integrations

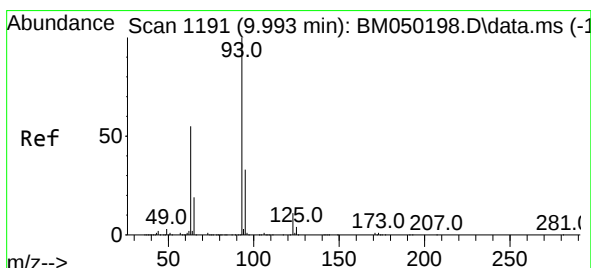
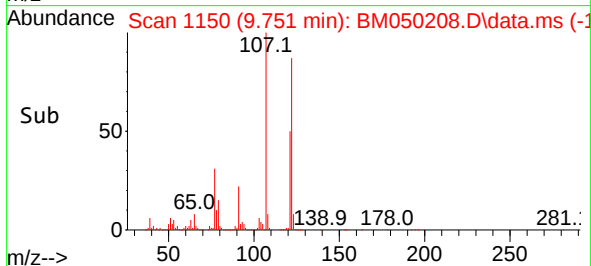
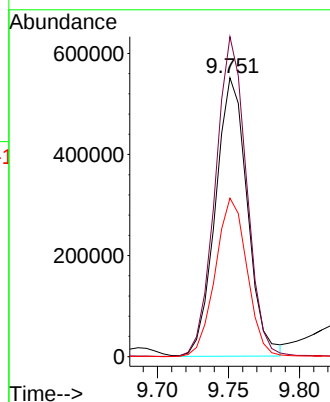
APPROVED

Reviewed By :Rahul
Chavli

06/09/2025

Supervised By :Jagrut
Upadhyay

06/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.601 ng

RT: 9.992 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

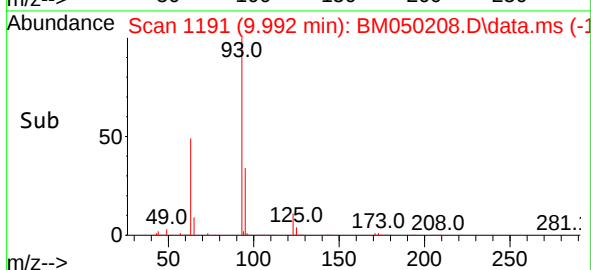
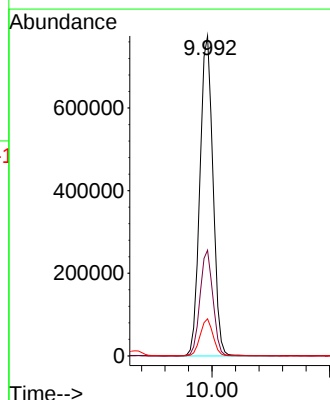
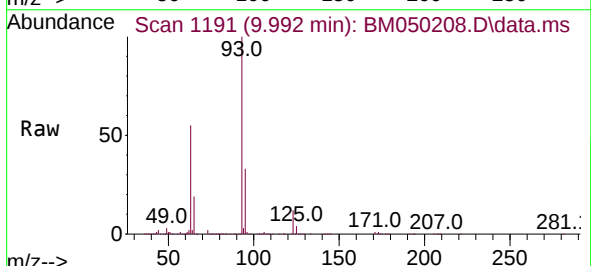
Tgt Ion: 93 Resp: 1192528

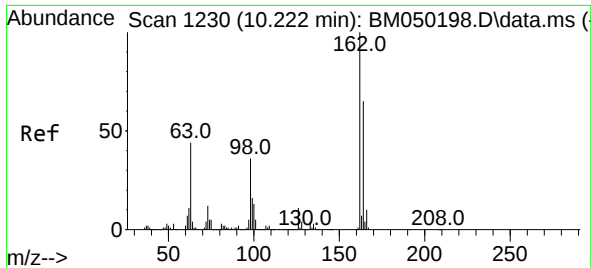
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 11.6 8.9 13.3





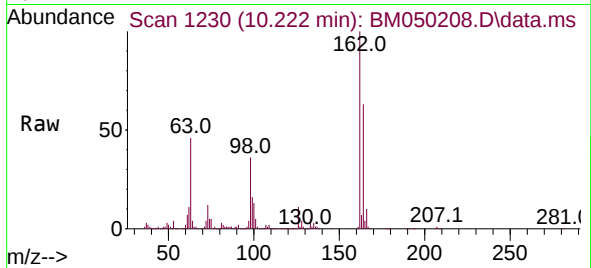
#29
2,4-Dichlorophenol
Concen: 46.057 ng
RT: 10.222 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



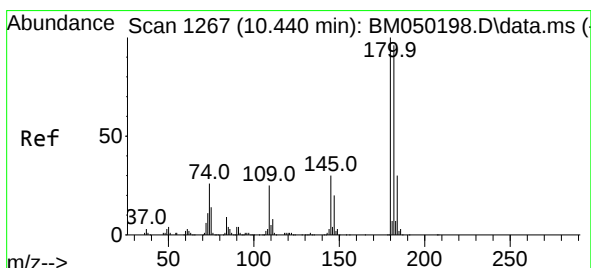
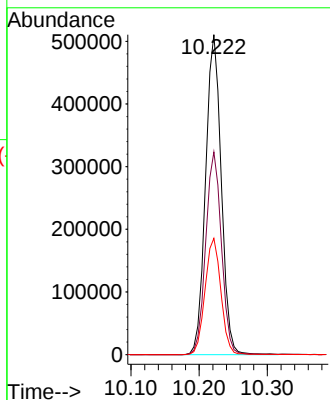
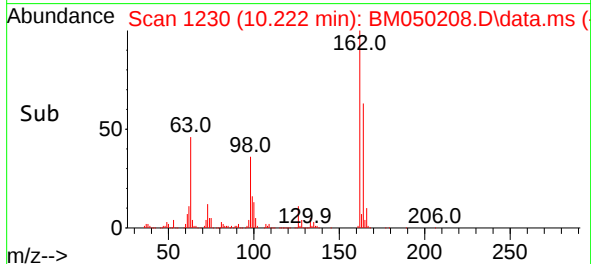
Tgt Ion:162 Resp: 815245
Ion Ratio Lower Upper
162 100
164 63.4 45.0 85.0
98 36.3 16.3 56.3

Manual Integrations
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Reviewed By :Rahul
Chavli

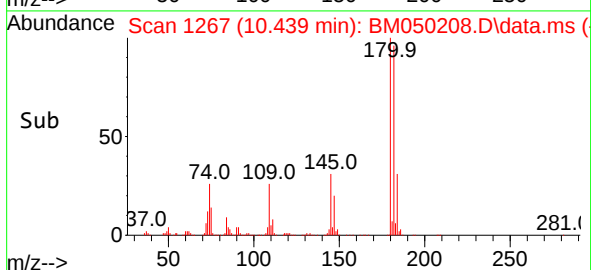
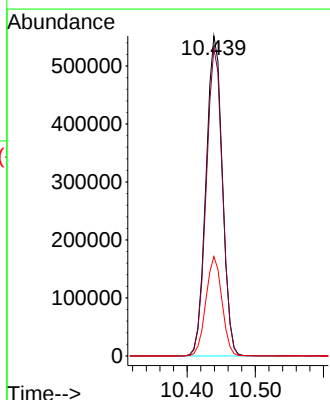
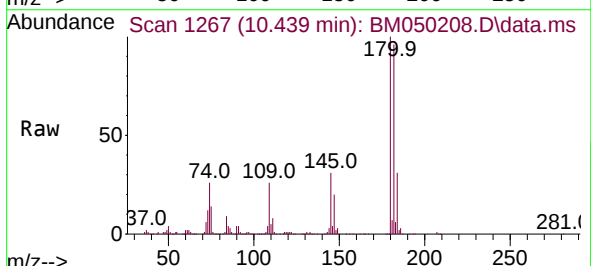
06/09/2025
Supervised By :Jagrut
Upadhyay

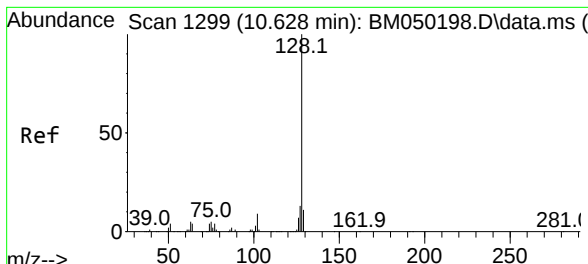
06/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 46.614 ng
RT: 10.439 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

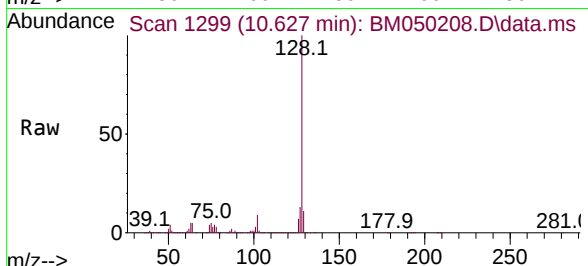
Tgt Ion:180 Resp: 918180
Ion Ratio Lower Upper
180 100
182 96.2 76.6 114.8
145 31.0 24.2 36.4





#31
Naphthalene
Concen: 44.581 ng
RT: 10.627 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

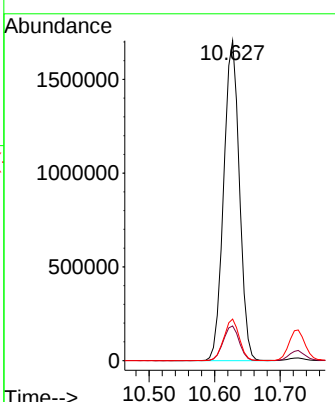
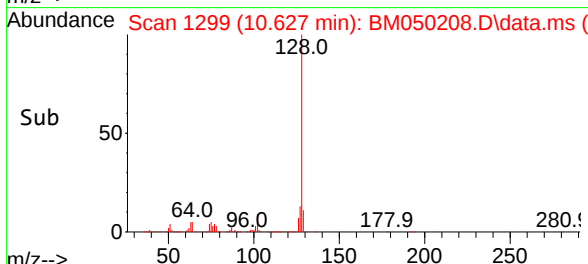
Instrument : BNA_M
ClientSampleId : PB168269BS



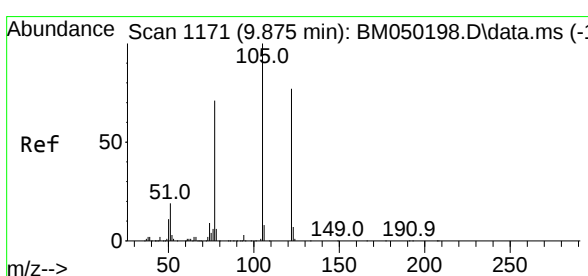
Tgt Ion:128 Resp: 2842640

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	10.2	15.4

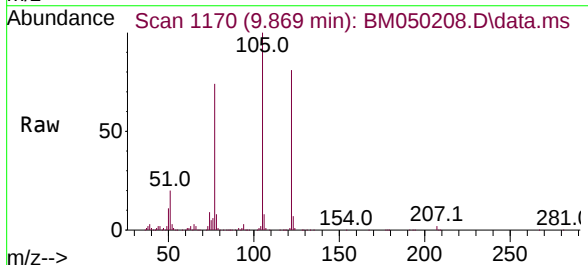
Manual Integrations
APPROVED
Reviewed By :Rahul Chavli



06/09/2025
Supervised By :Jagrut Upadhyay
06/09/2025

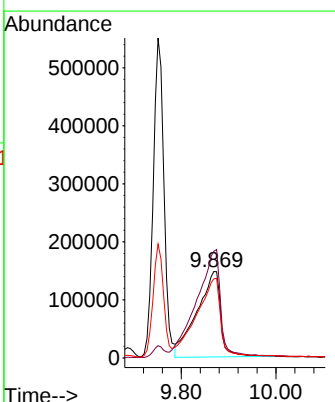
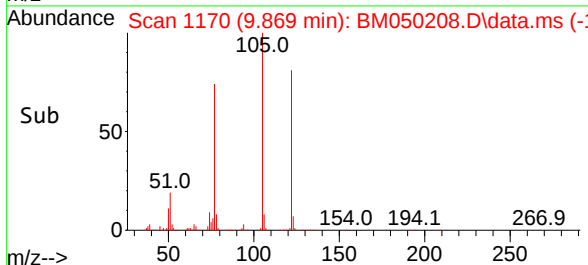


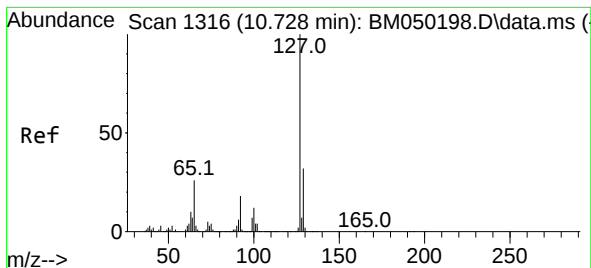
#32
Benzoic acid
Concen: 42.831 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.047 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



Tgt Ion:122 Resp: 514873

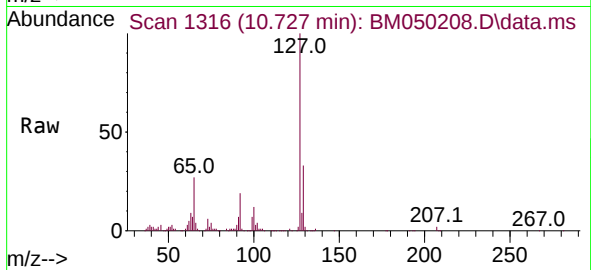
Ion	Ratio	Lower	Upper
122	100		
105	123.4	103.4	143.4
77	91.6	70.3	110.3





#33
4-Chloroaniline
Concen: 10.599 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



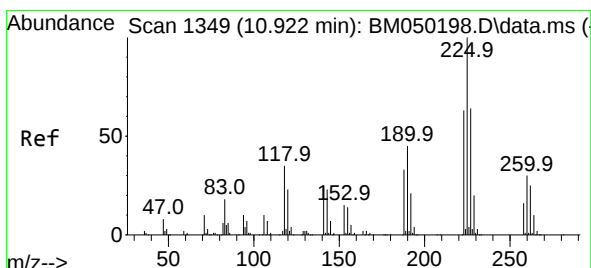
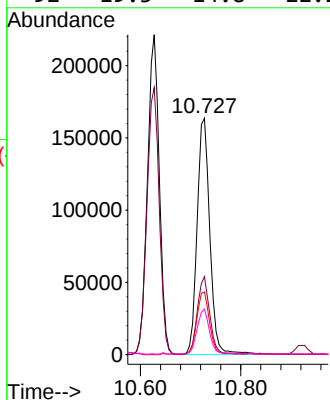
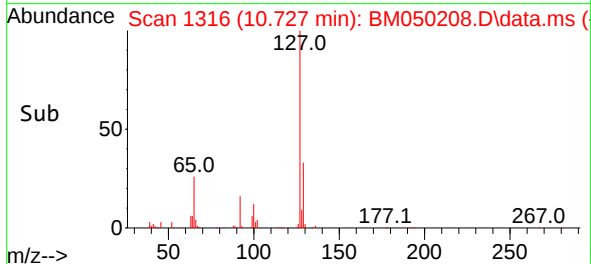
Tgt Ion:127 Resp: 288124
Ion Ratio Lower Upper
127 100
129 33.0 25.4 38.0
65 26.5 21.0 31.4
92 19.3 14.8 22.2

Manual Integrations
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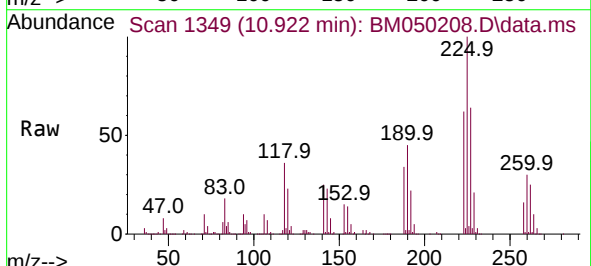
Reviewed By :Rahul
Chavli

06/09/2025
Supervised By :Jagrut
Upadhyay

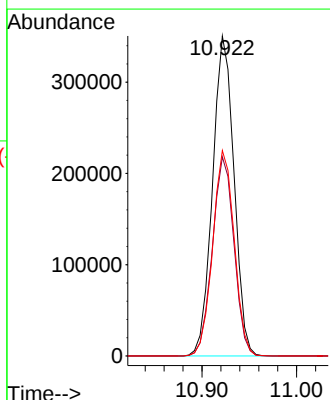
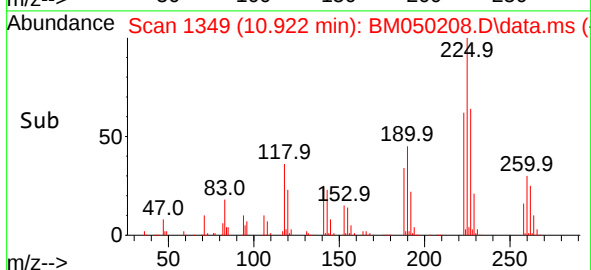
06/09/2025

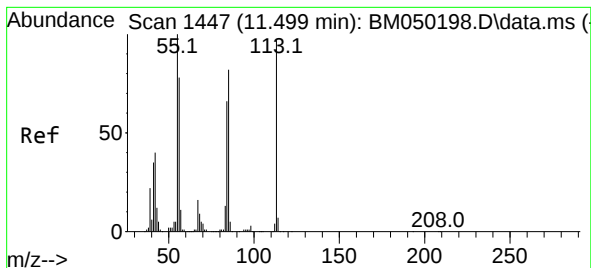


#34
Hexachlorobutadiene
Concen: 47.004 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



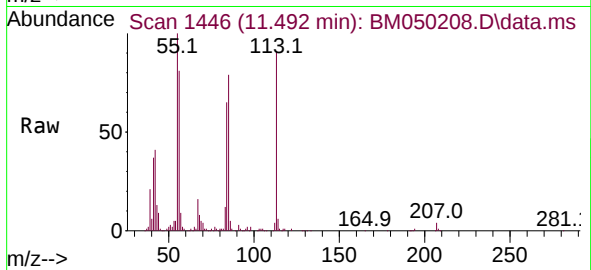
Tgt Ion:225 Resp: 550713
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.2
227 64.2 51.0 76.4





#35
Caprolactam
Concen: 40.649 ng
RT: 11.492 min Scan# 1447
Delta R.T. -0.030 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



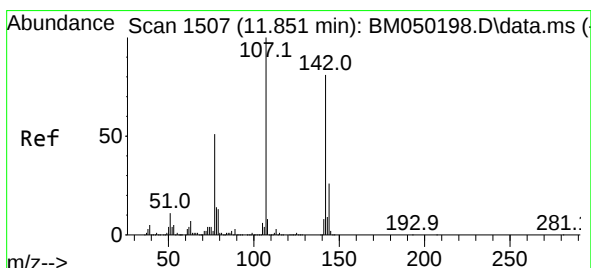
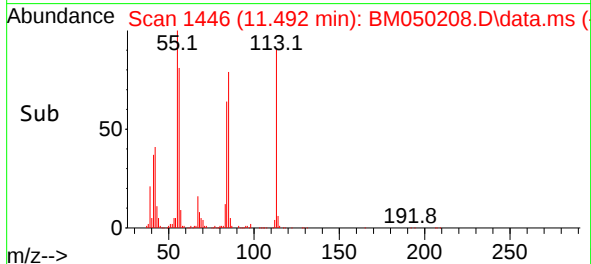
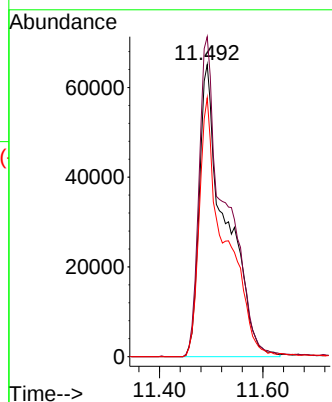
Tgt Ion:113 Resp: 228114
Ion Ratio Lower Upper
113 100
55 109.5 83.5 123.5
56 88.6 60.6 100.6

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Reviewed By :Rahul
Chavli

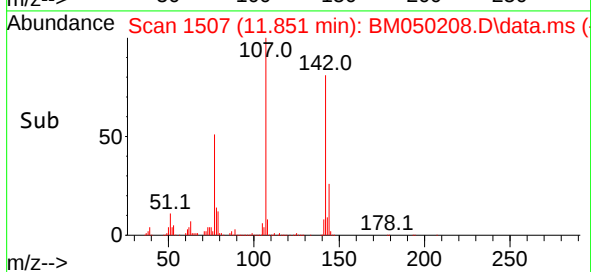
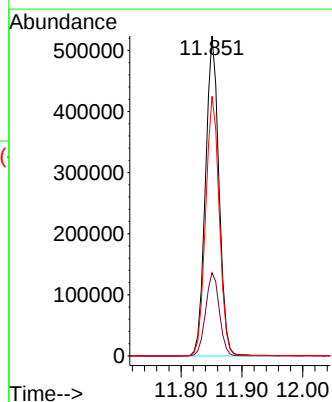
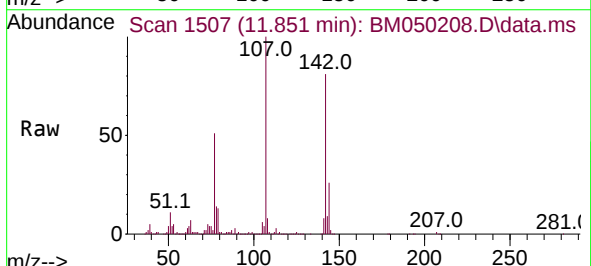
06/09/2025
Supervised By :Jagrut
Upadhyay

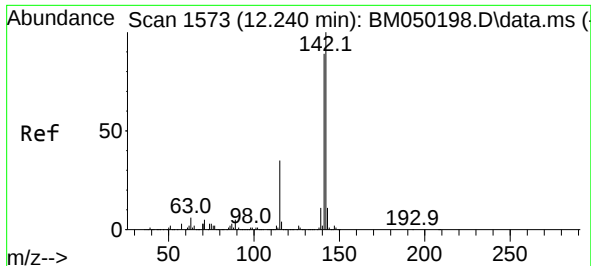
06/09/2025



#36
4-Chloro-3-methylphenol
Concen: 42.515 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

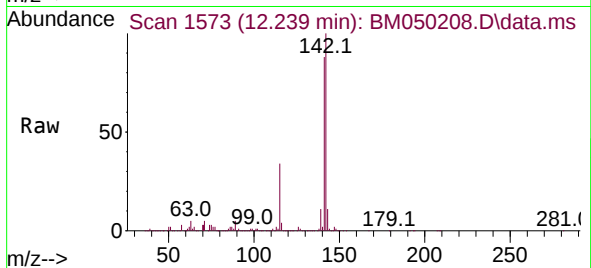
Tgt Ion:107 Resp: 803016
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 81.1 64.8 97.2





#37
2-Methylnaphthalene
Concen: 44.131 ng
RT: 12.239 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



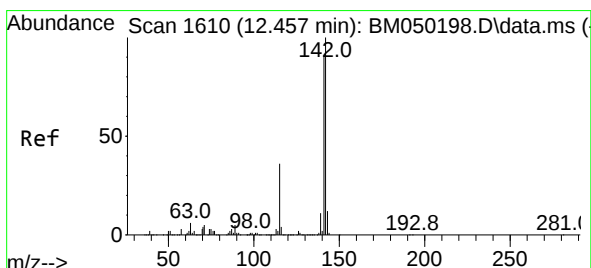
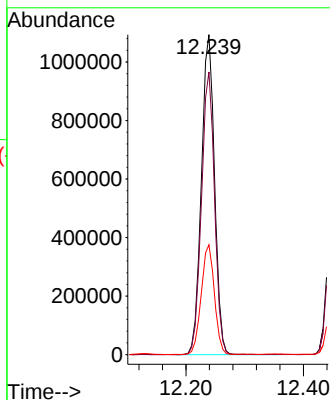
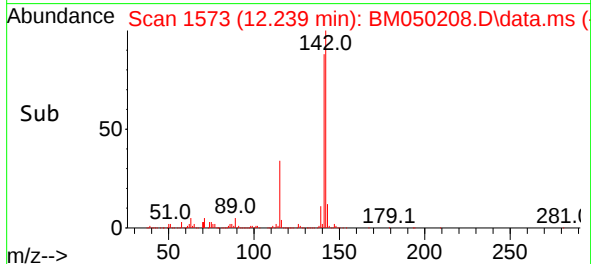
Tgt Ion:142 Resp: 169757
Ion Ratio Lower Upper
142 100
141 88.3 71.5 107.3
115 34.4 27.8 41.8

Manual Integrations
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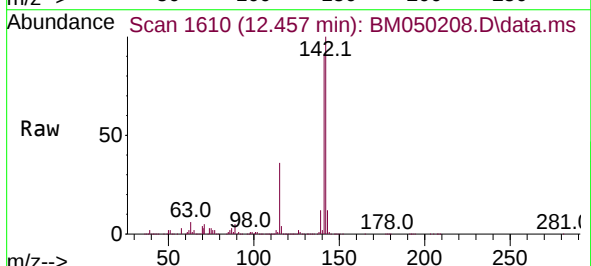
Reviewed By :Rahul
Chavli

06/09/2025
Supervised By :Jagrut
Upadhyay

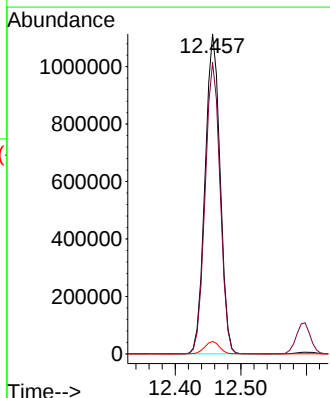
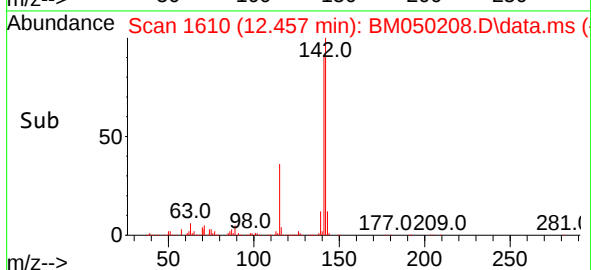
06/09/2025

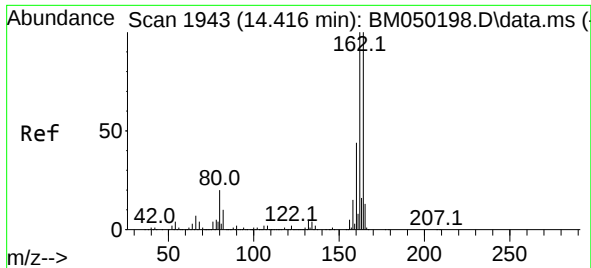


#38
1-Methylnaphthalene
Concen: 43.235 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



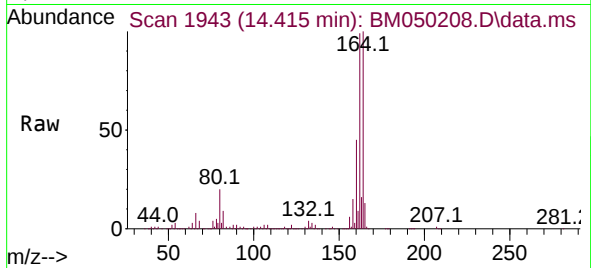
Tgt Ion:142 Resp: 1765176
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



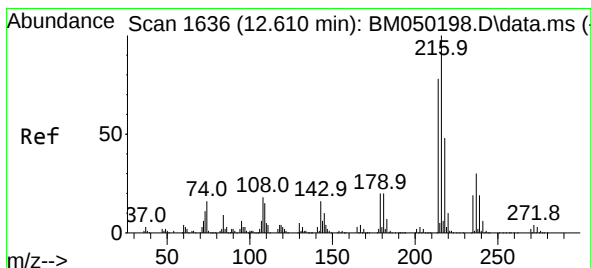
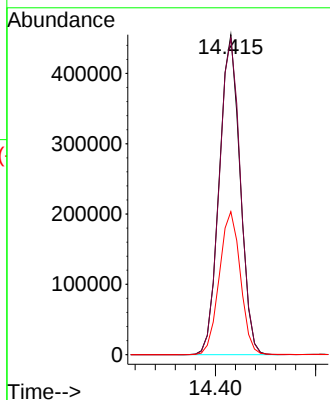
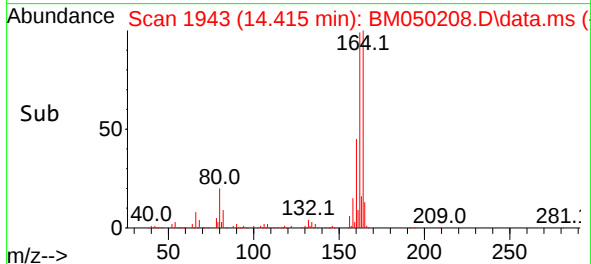
Tgt Ion:164 Resp: 655553
Ion Ratio Lower Upper
164 100
162 98.9 80.2 120.4
160 44.7 35.7 53.5

Manual Integrations
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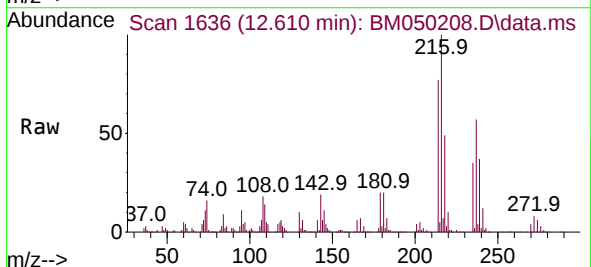
Reviewed By :Rahul
Chavli

06/09/2025
Supervised By :Jagrut
Upadhyay

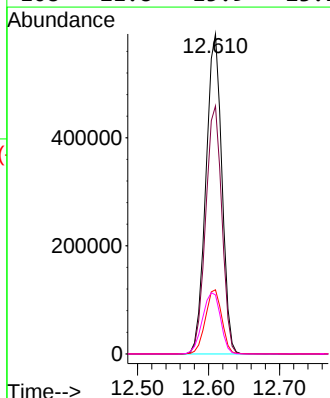
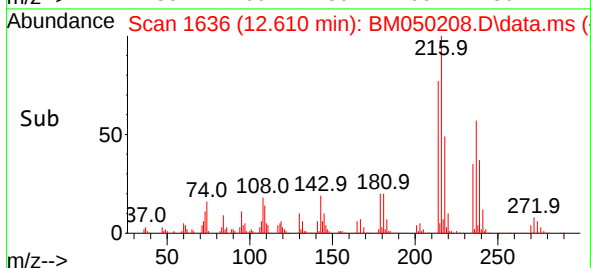
06/09/2025

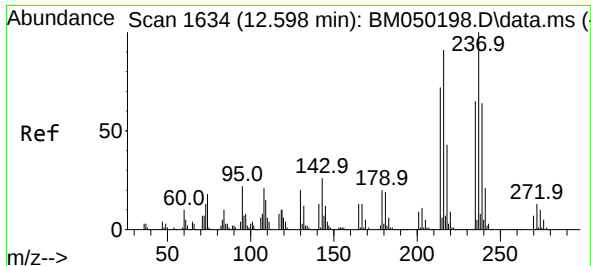


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.593 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



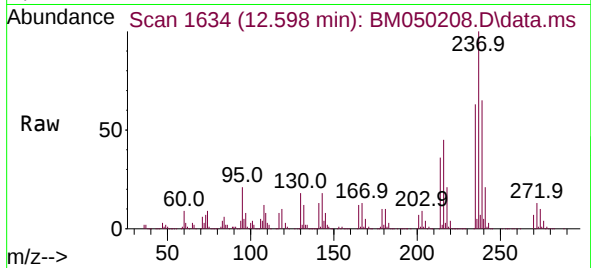
Tgt Ion:216 Resp: 919860
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.7 16.6 25.0
108 21.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 108.441 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



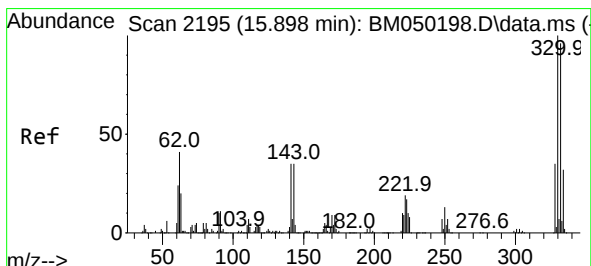
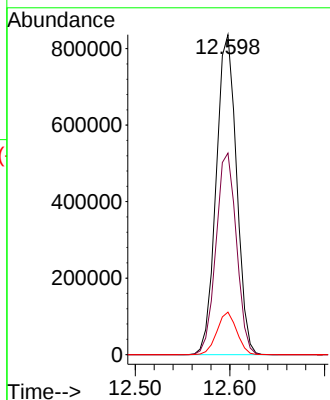
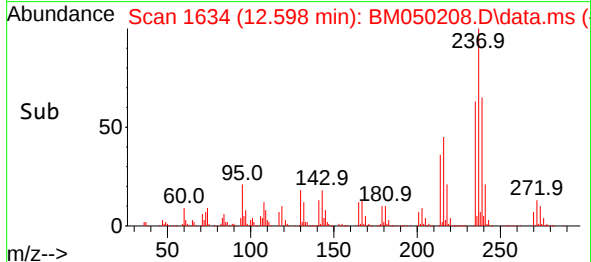
Tgt Ion:237 Resp: 124664
Ion Ratio Lower Upper
237 100
235 63.0 44.6 84.6
272 13.3 0.0 33.1

Manual Integrations
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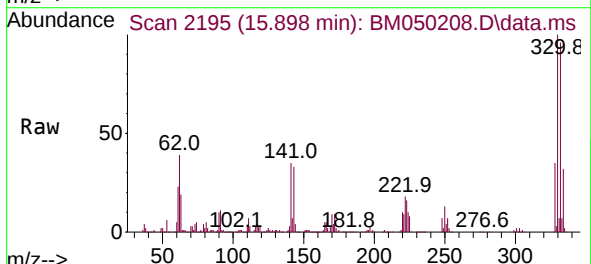
Reviewed By :Rahul
Chavli

06/09/2025
Supervised By :Jagrut
Upadhyay

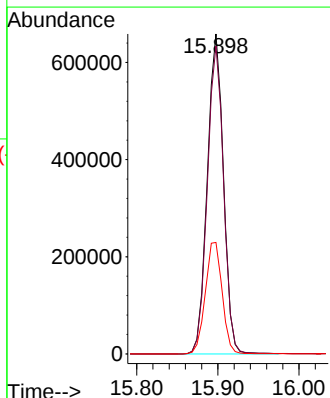
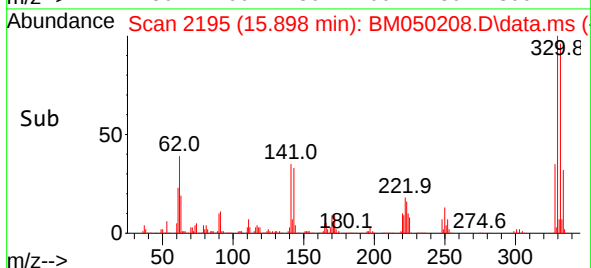
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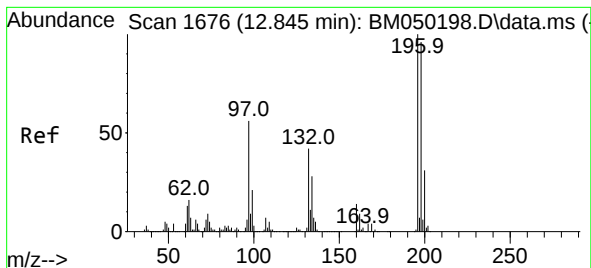


#42
2,4,6-Tribromophenol
Concen: 122.706 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



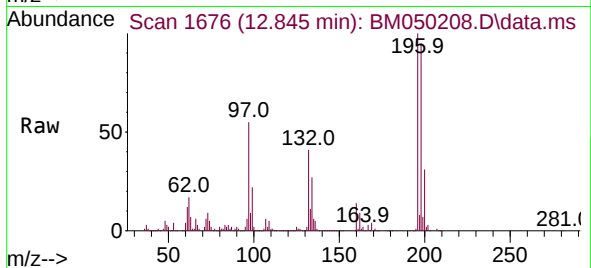
Tgt Ion:330 Resp: 914951
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 36.3 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 47.918 ng
RT: 12.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



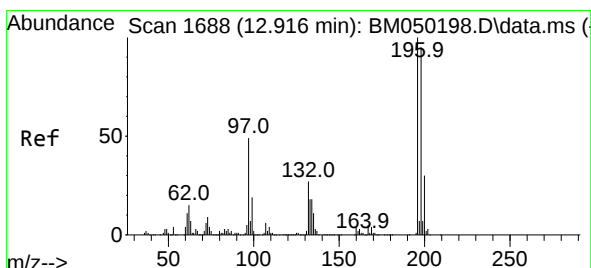
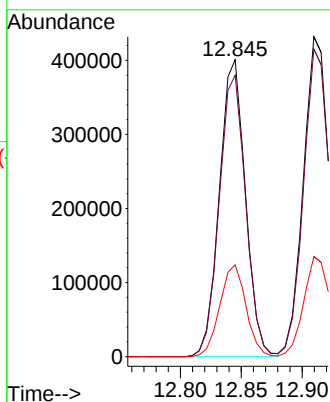
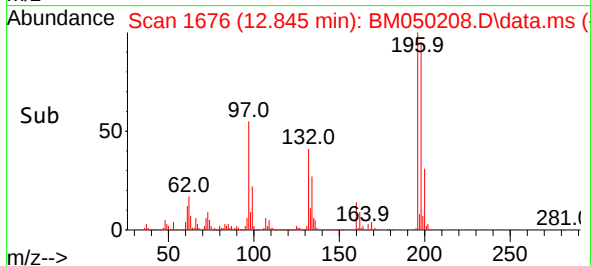
Tgt Ion:196 Resp: 596512
Ion Ratio Lower Upper
196 100
198 94.8 76.6 115.0
200 30.9 24.5 36.7

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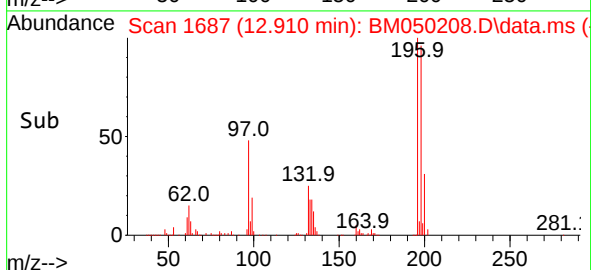
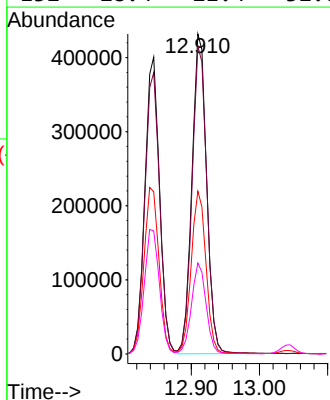
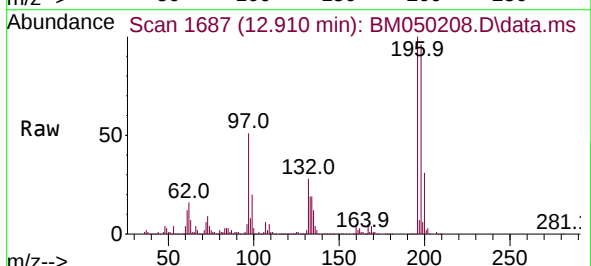
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Supervised By :Jagrut
Upadhyay

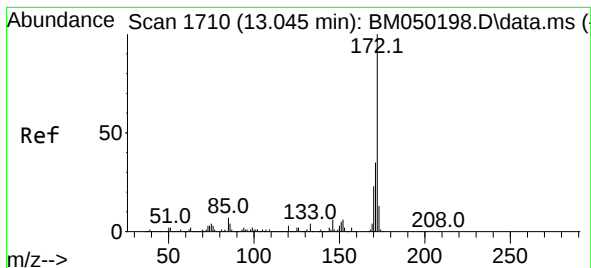
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#44
2,4,5-Trichlorophenol
Concen: 47.413 ng
RT: 12.910 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

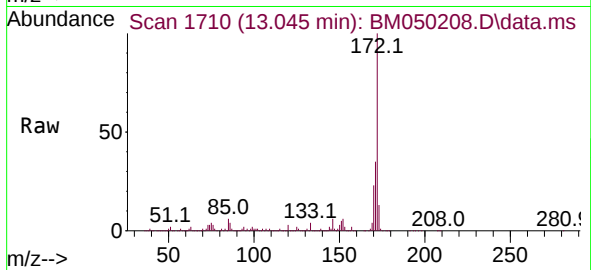
Tgt Ion:196 Resp: 648023
Ion Ratio Lower Upper
196 100
198 96.1 76.1 114.1
97 50.8 39.3 58.9
132 28.4 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 80.174 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



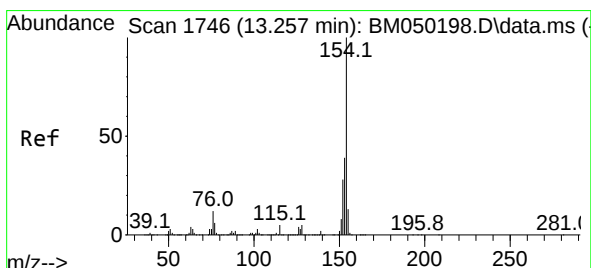
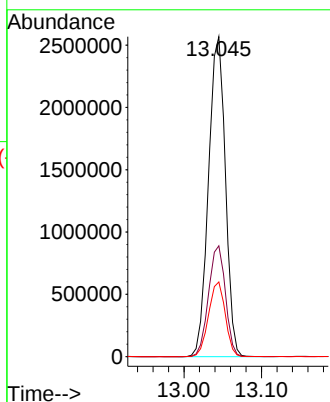
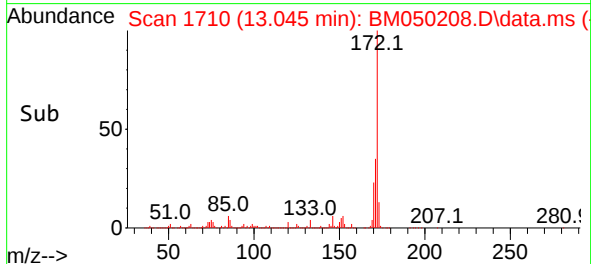
Tgt Ion:172 Resp: 3882156
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.3 18.6 27.8

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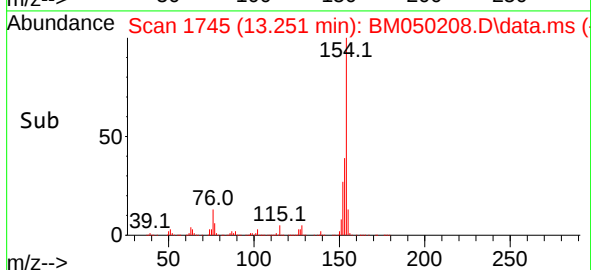
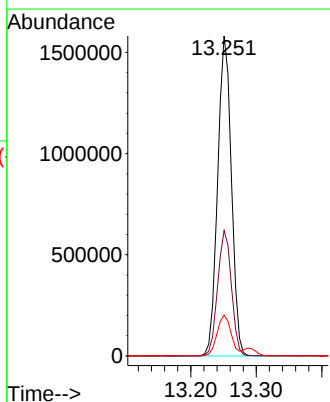
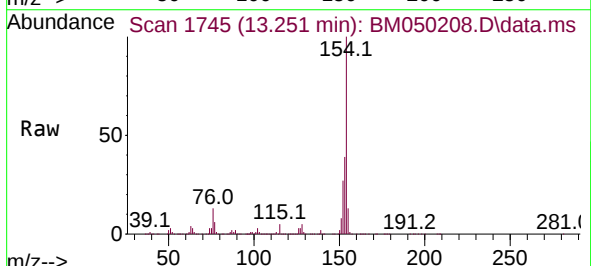
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Supervised By :Jagrut
Upadhyay

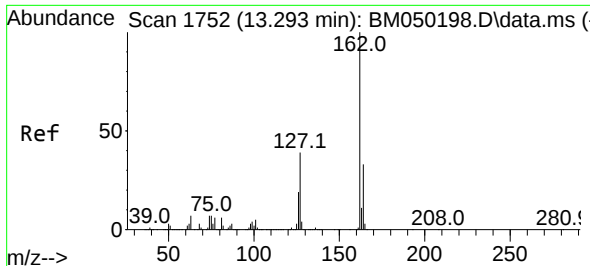
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#46
1,1'-Biphenyl
Concen: 46.912 ng
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

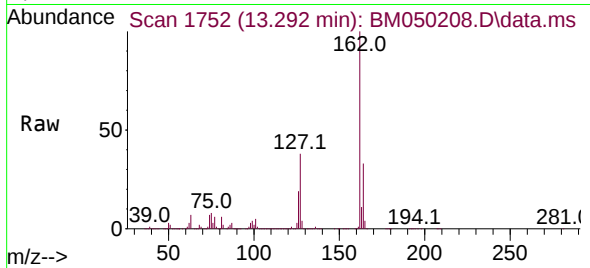
Tgt Ion:154 Resp: 2302794
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 12.8 0.0 32.0





#47
2-Chloronaphthalene
Concen: 46.527 ng
RT: 13.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



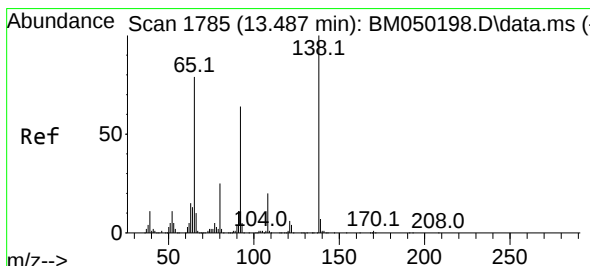
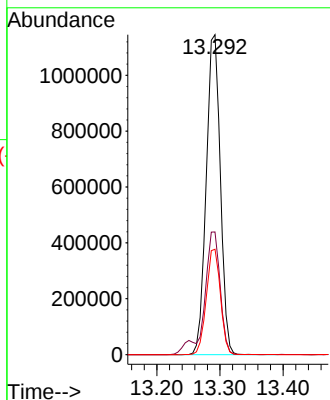
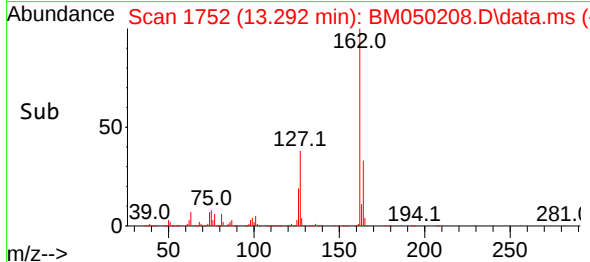
Tgt Ion:162 Resp: 1775566
Ion Ratio Lower Upper
162 100
127 38.3 31.1 46.7
164 32.9 26.5 39.7

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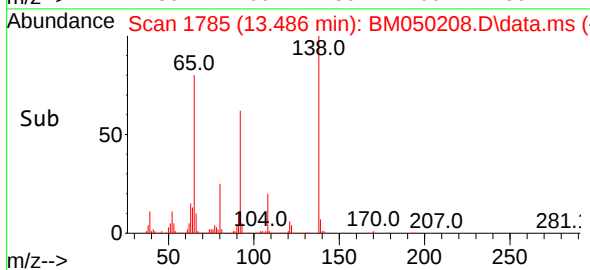
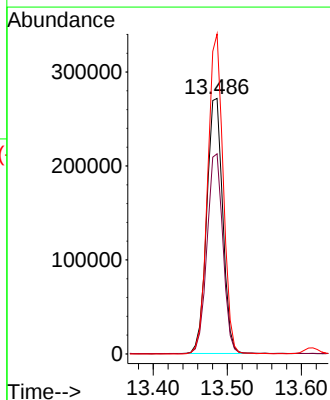
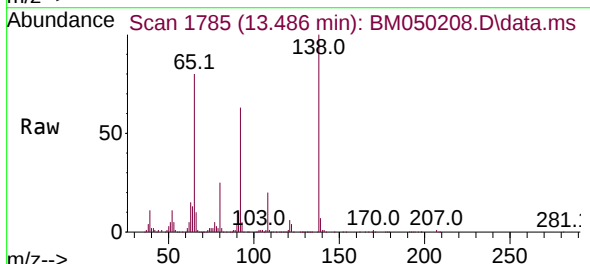
06/09/2025
Supervised By :Jagrut
Upadhyay

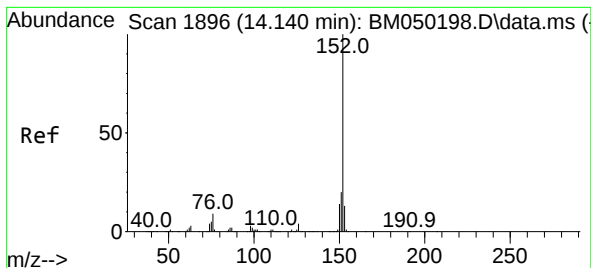
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#48
2-Nitroaniline
Concen: 48.358 ng
RT: 13.486 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

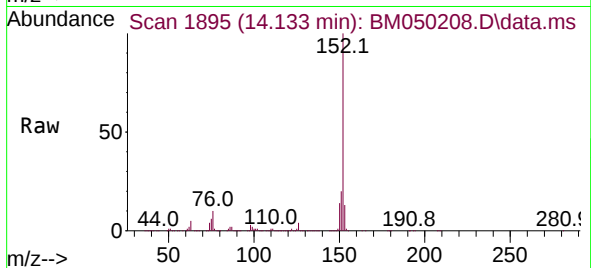
Tgt Ion: 65 Resp: 406112
Ion Ratio Lower Upper
65 100
92 78.3 64.2 96.4
138 125.3 101.0 151.4





#49
Acenaphthylene
Concen: 46.075 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



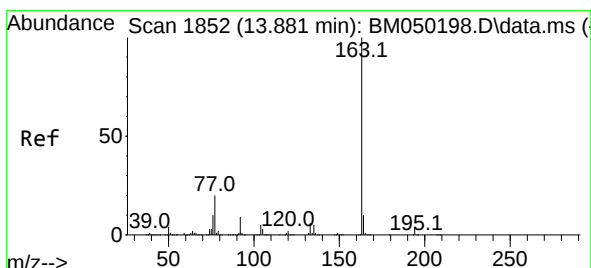
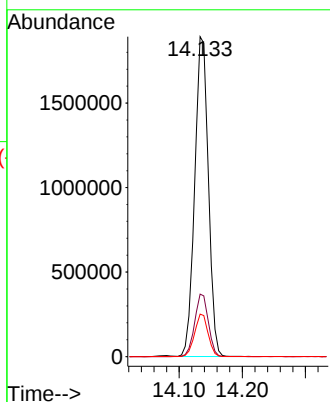
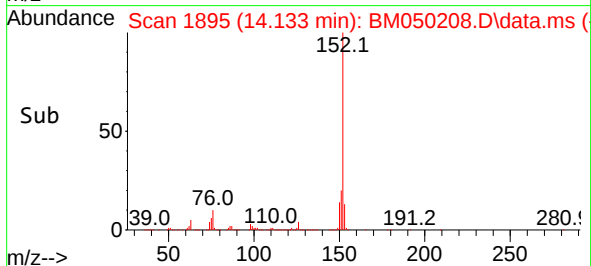
Tgt Ion:152 Resp: 2844003
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.3 10.4 15.6

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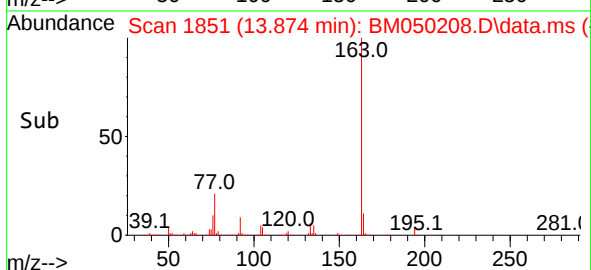
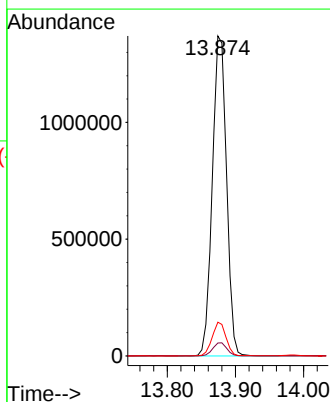
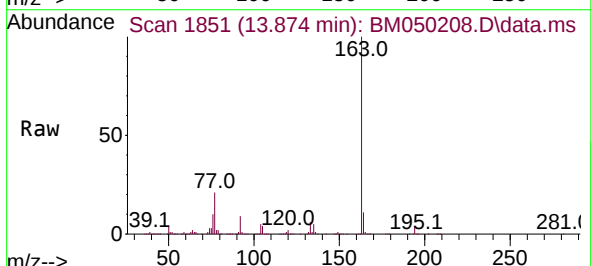
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Upadhyay

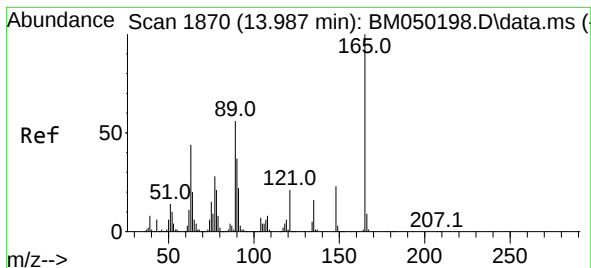
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#50
Dimethylphthalate
Concen: 44.618 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

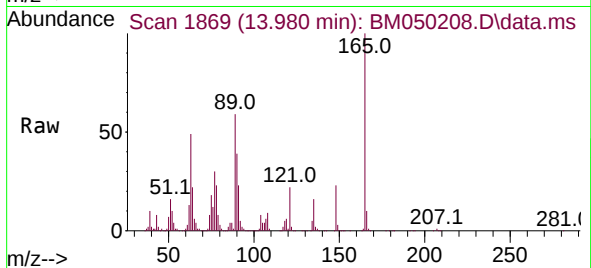
Tgt Ion:163 Resp: 1978120
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 47.597 ng
RT: 13.980 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



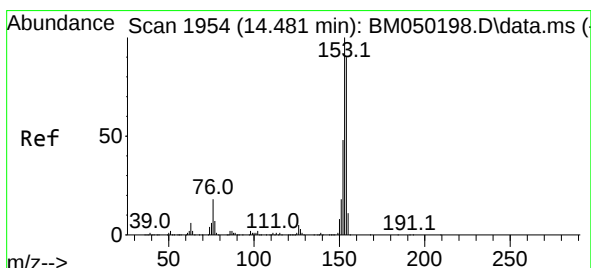
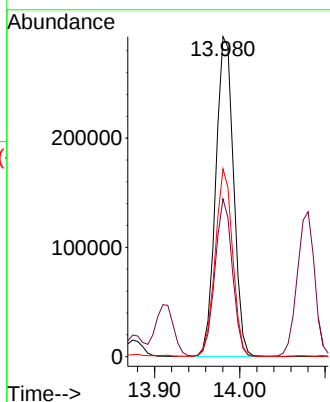
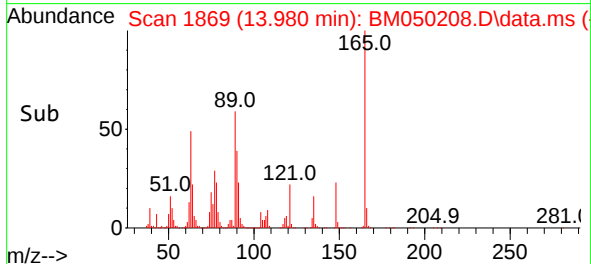
Tgt Ion:165 Resp: 425559
Ion Ratio Lower Upper
165 100
63 49.3 35.8 53.6
89 58.7 44.8 67.2

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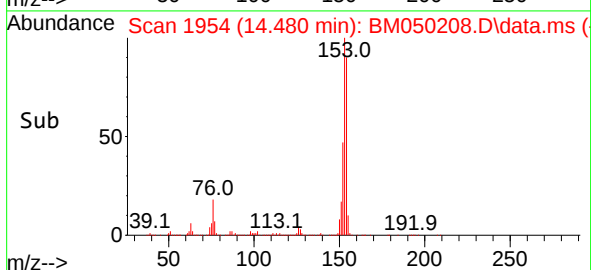
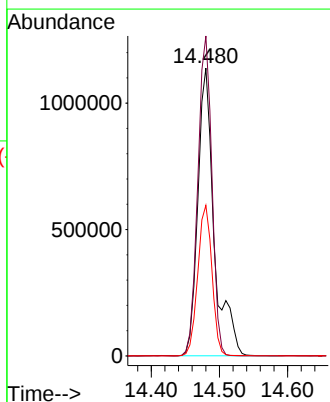
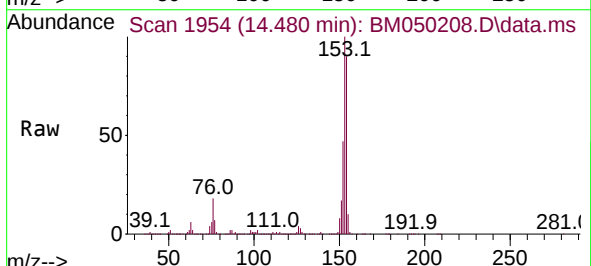
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Supervised By :Jagrut
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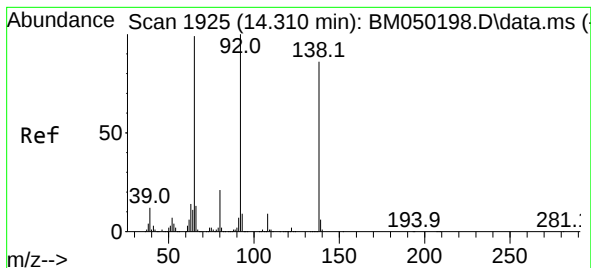
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#52
Acenaphthene
Concen: 49.367 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

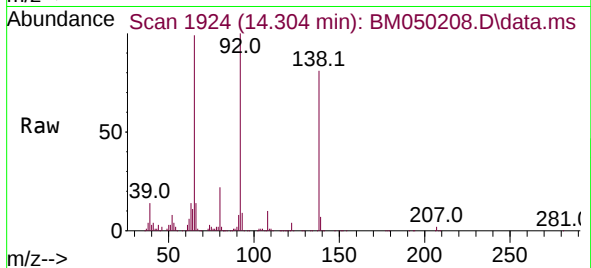
Tgt Ion:154 Resp: 1905934
Ion Ratio Lower Upper
154 100
153 111.2 88.7 133.1
152 52.3 42.6 63.8





#53
3-Nitroaniline
Concen: 18.090 ng
RT: 14.304 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



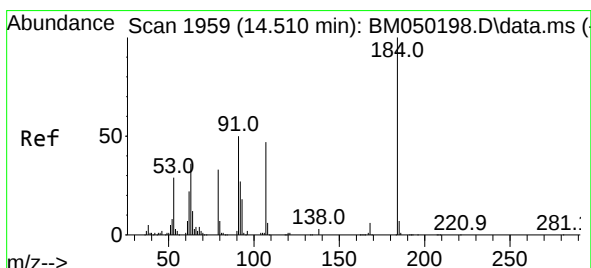
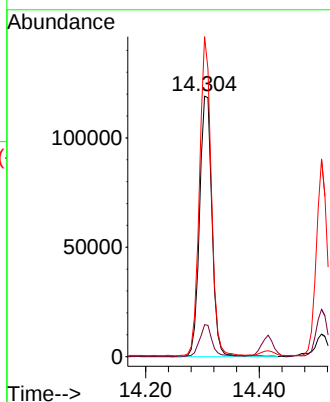
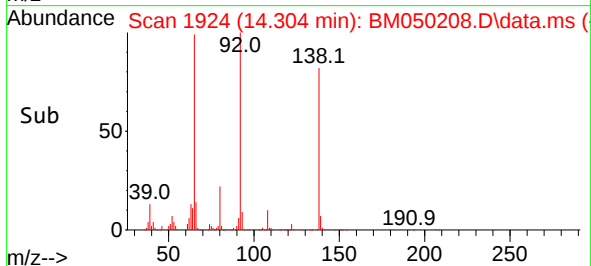
Tgt Ion:138 Resp: 180262
Ion Ratio Lower Upper
138 100
108 12.3 8.8 13.2
92 122.9 92.9 139.3

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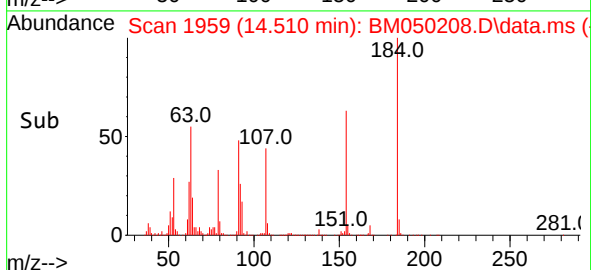
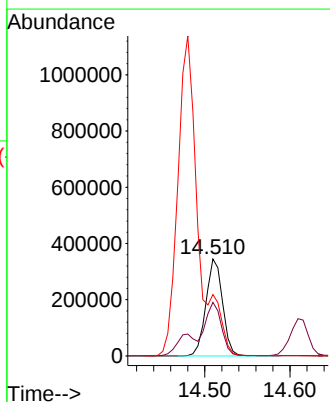
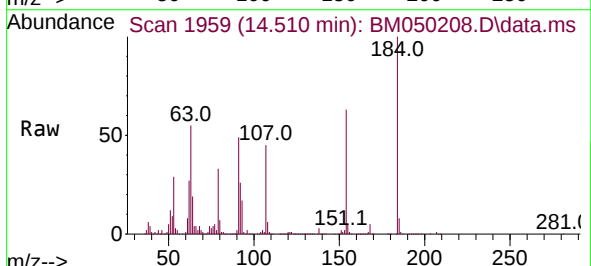
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Upadhyay

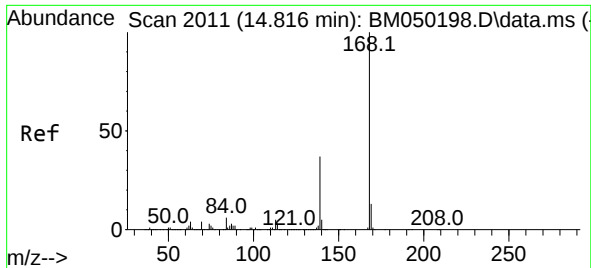
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#54
2,4-Dinitrophenol
Concen: 90.070 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

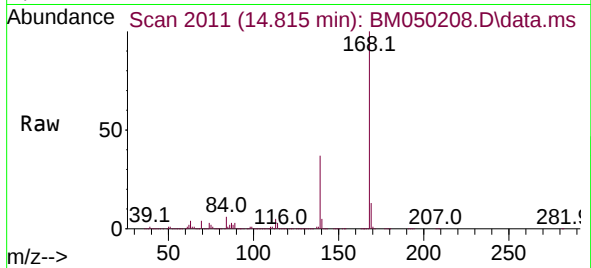
Tgt Ion:184 Resp: 466278
Ion Ratio Lower Upper
184 100
63 55.3 45.3 67.9
154 63.4 54.3 81.5





#55
Dibenzofuran
Concen: 44.778 ng
RT: 14.815 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



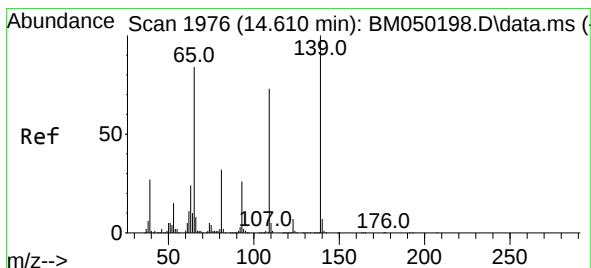
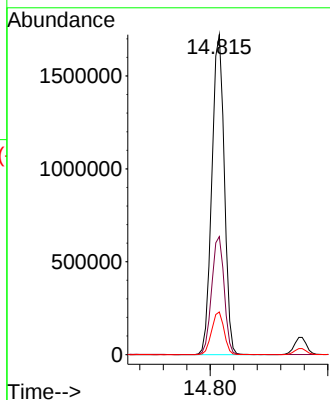
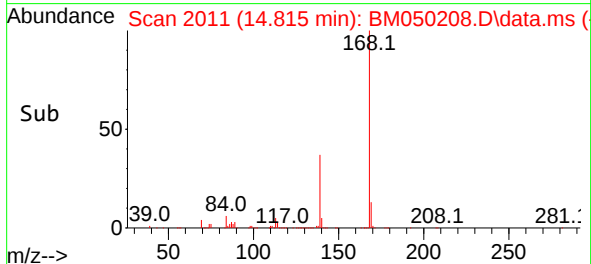
Tgt Ion:168 Resp: 2529176
Ion Ratio Lower Upper
168 100
139 36.9 29.9 44.9
169 13.3 10.6 16.0

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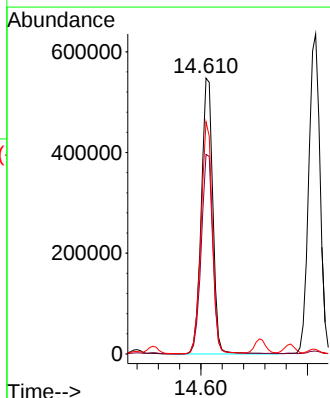
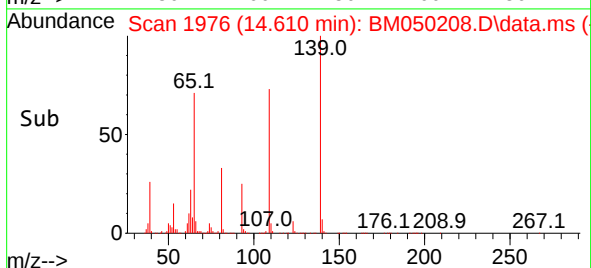
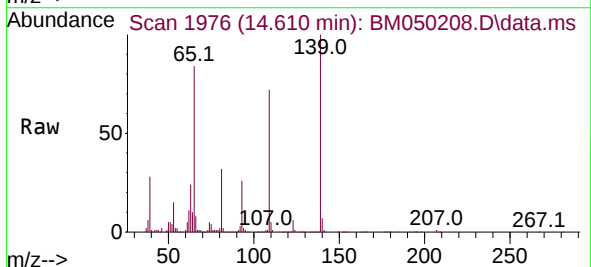
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Upadhyay

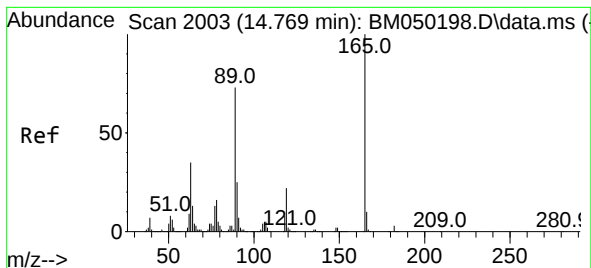
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#56
4-Nitrophenol
Concen: 96.500 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:139 Resp: 818441
Ion Ratio Lower Upper
139 100
109 72.3 52.6 92.6
65 84.1 64.3 104.3





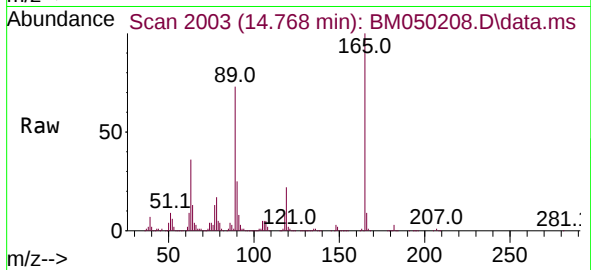
#57
2,4-Dinitrotoluene
Concen: 49.396 ng
RT: 14.768 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



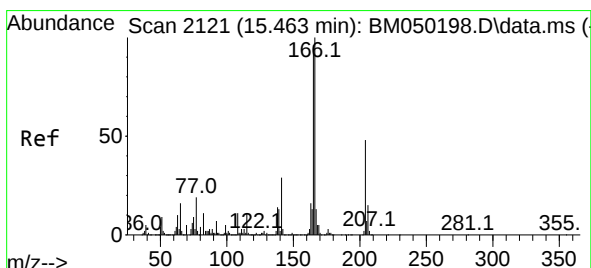
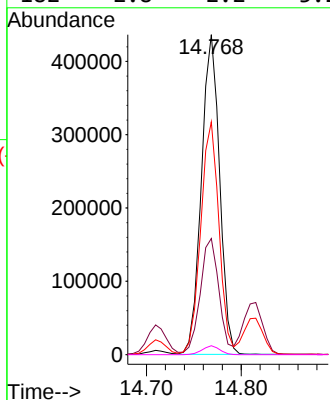
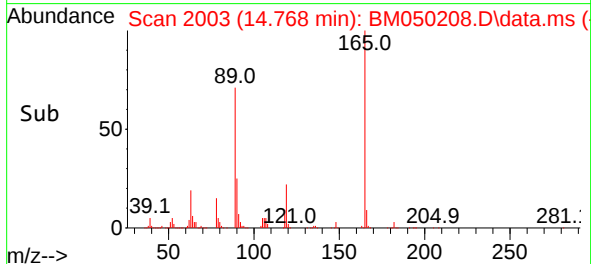
Tgt Ion:165 Resp: 582583
Ion Ratio Lower Upper
165 100
63 36.3 28.4 42.6
89 72.7 58.0 87.0
182 2.8 2.2 3.2

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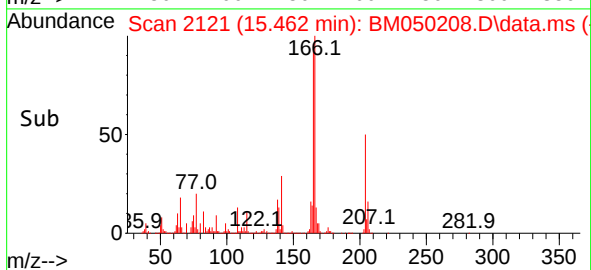
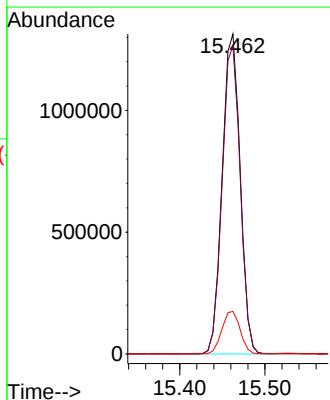
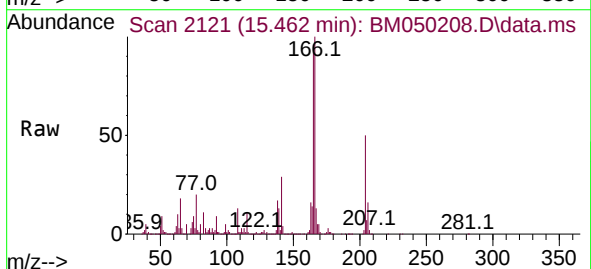
06/09/2025
Supervised By :Jagrut
Upadhyay

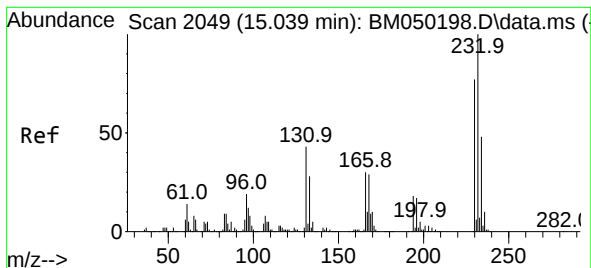
06/09/2025



#58
Fluorene
Concen: 44.461 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:166 Resp: 1923441
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.4
167 13.3 10.7 16.1





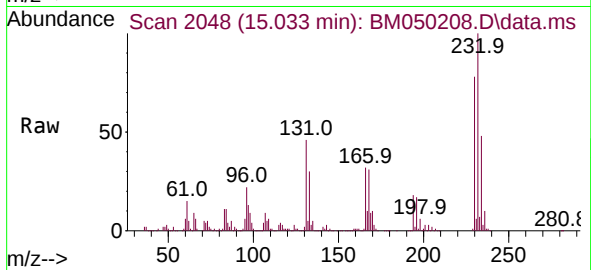
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.625 ng m
RT: 15.033 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



Tgt Ion:232 Resp: 539521
Ion Ratio Lower Upper
232 100
131 41.3 32.9 49.3
130 2.4 1.8 2.8
166 26.2 20.8 31.2

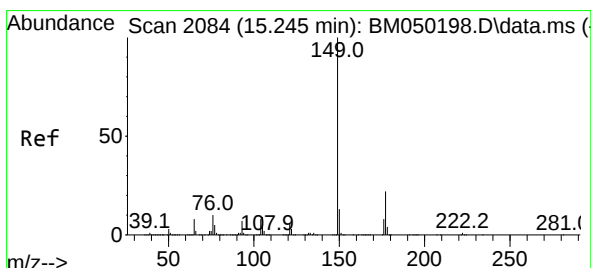
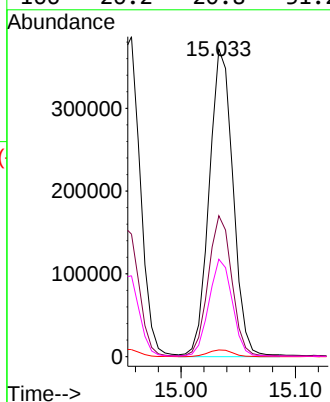
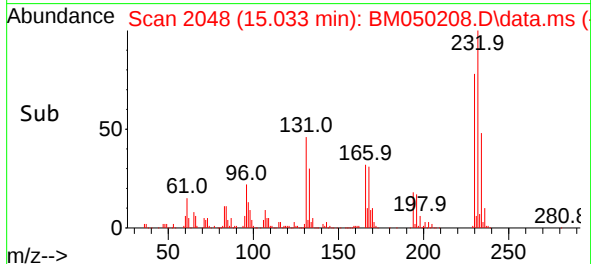
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Reviewed By :Rahul
Chavli

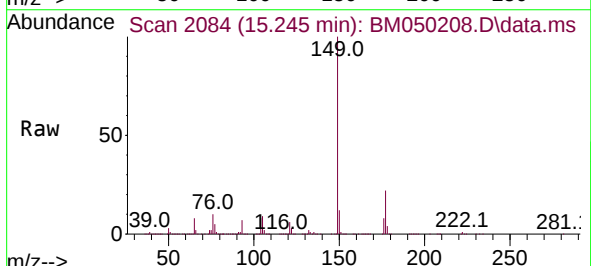
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Upadhyay

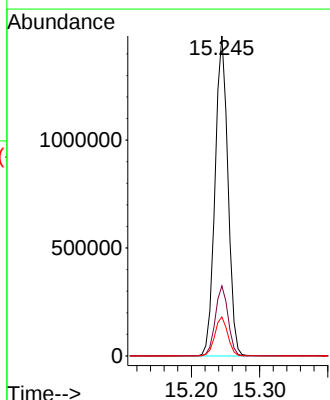
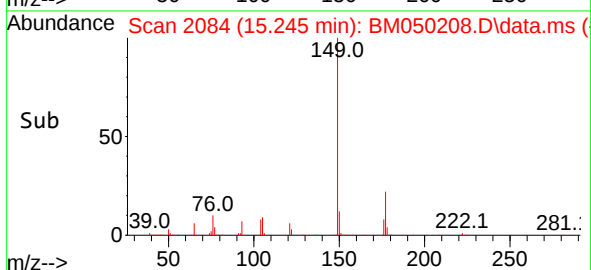
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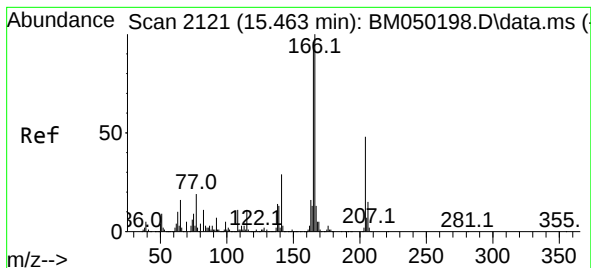


#60
Diethylphthalate
Concen: 43.945 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



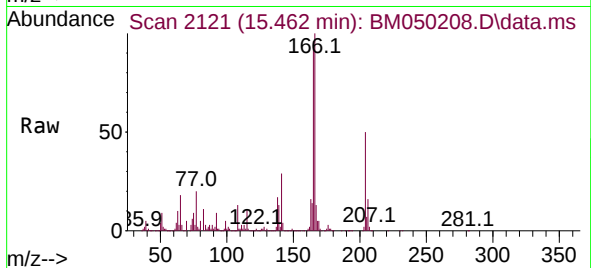
Tgt Ion:149 Resp: 1933121
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.414 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



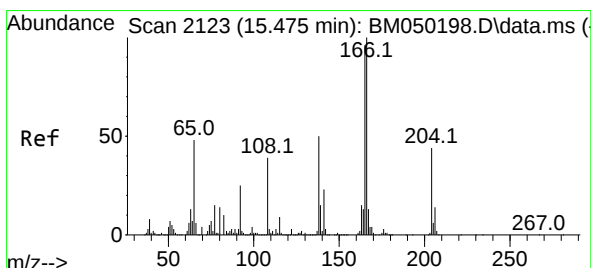
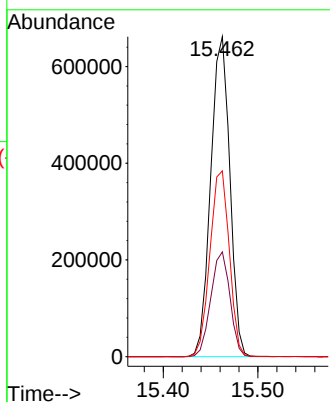
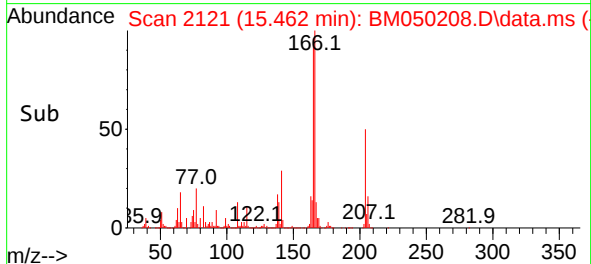
Tgt Ion:204 Resp: 928607
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 58.0 47.9 71.9

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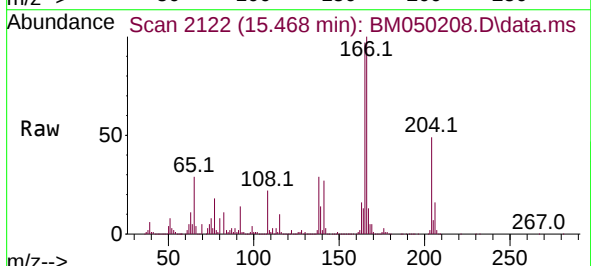
Reviewed By :Rahul
Chavli

06/09/2025
Supervised By :Jagrut
Upadhyay

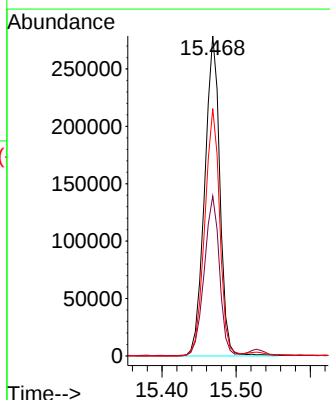
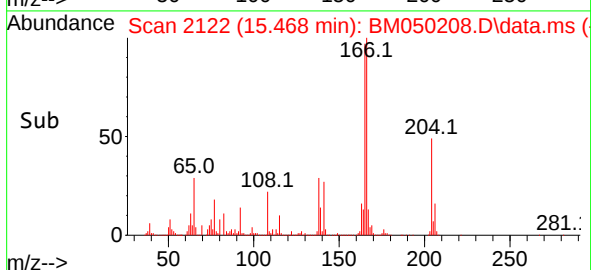
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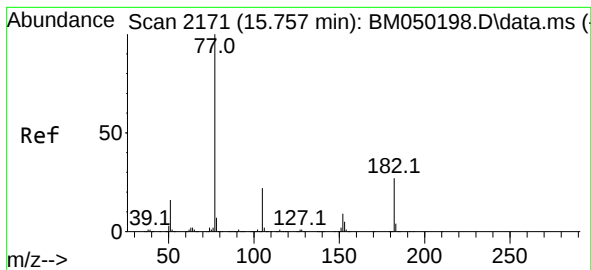


#62
4-Nitroaniline
Concen: 42.346 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47



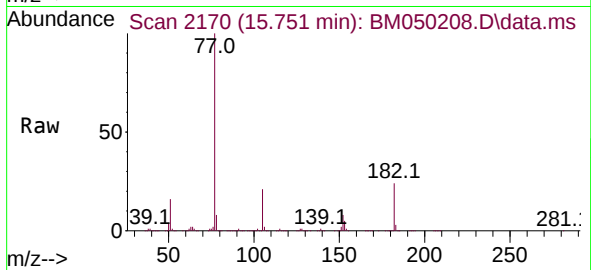
Tgt Ion:138 Resp: 395494
Ion Ratio Lower Upper
138 100
92 50.0 28.8 68.8
108 77.3 58.1 98.1





#63
Azobenzene
Concen: 44.381 ng
RT: 15.751 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



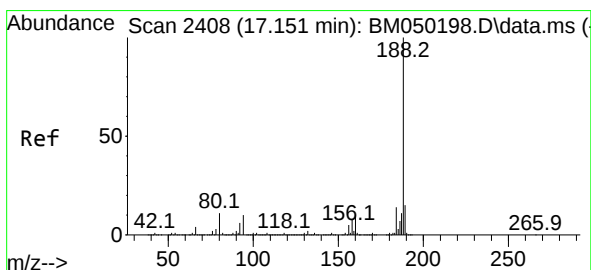
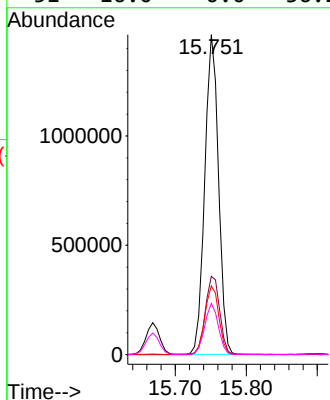
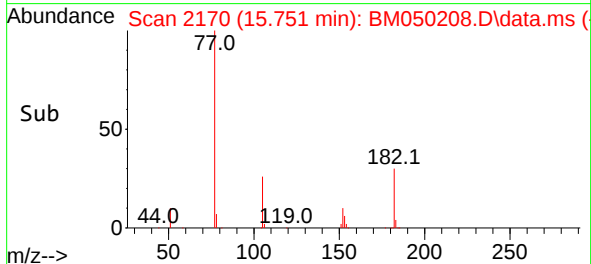
Tgt Ion: 77 Resp: 1951359
Ion Ratio Lower Upper
77 100
182 24.5 6.8 46.8
105 21.5 1.7 41.7
51 16.0 0.0 36.2

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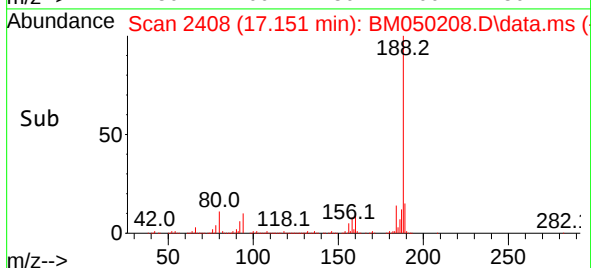
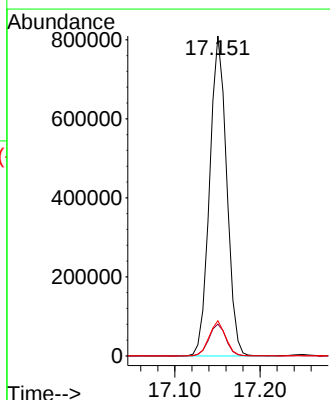
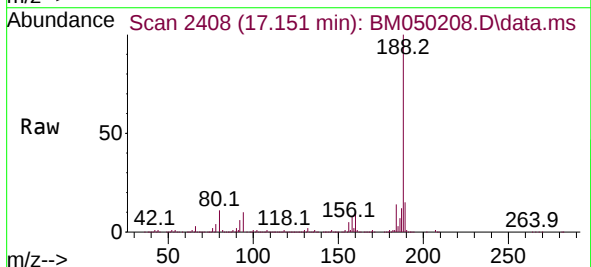
06/09/2025
Supervised By :Jagrut
Upadhyay

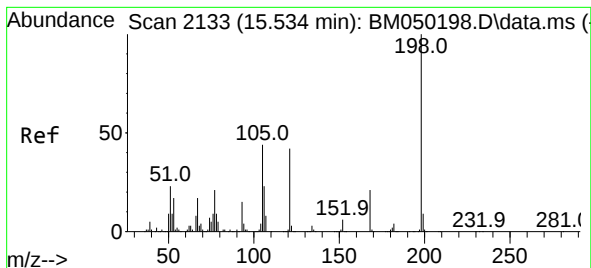
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

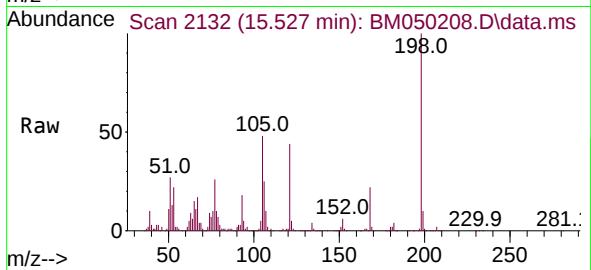
Tgt Ion:188 Resp: 1123564
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 11.0 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.665 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



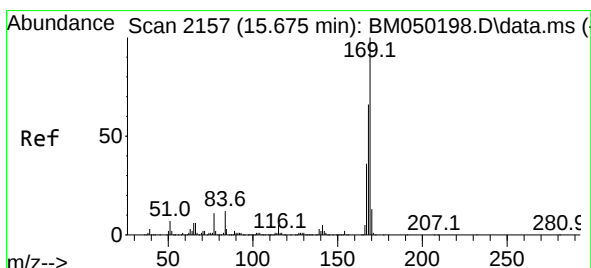
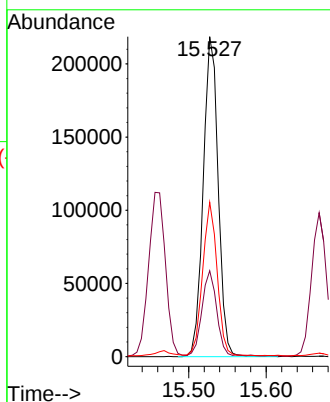
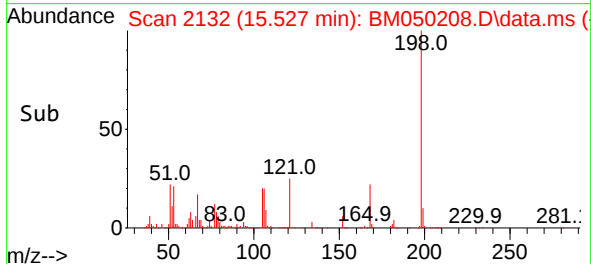
Tgt Ion:198 Resp: 292506
Ion Ratio Lower Upper
198 100
51 26.8 4.5 44.5
105 48.2 24.9 64.9

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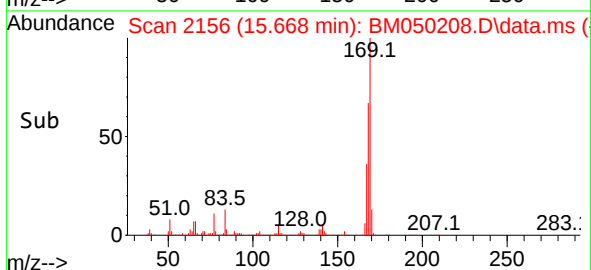
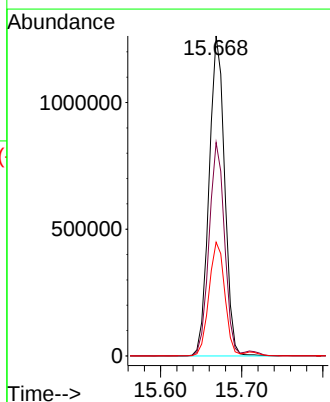
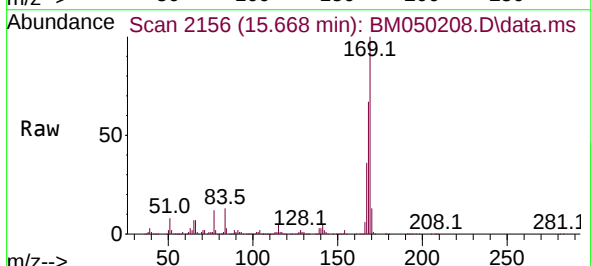
06/09/2025
Supervised By :Jagrut
Upadhyay

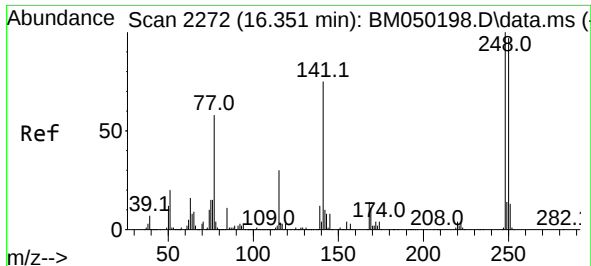
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#66
n-Nitrosodiphenylamine
Concen: 47.725 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

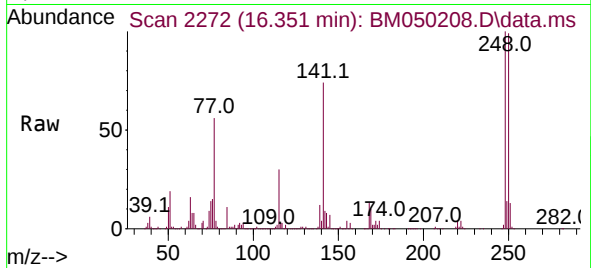
Tgt Ion:169 Resp: 1684849
Ion Ratio Lower Upper
169 100
168 66.7 53.1 79.7
167 35.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.863 ng
RT: 16.351 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



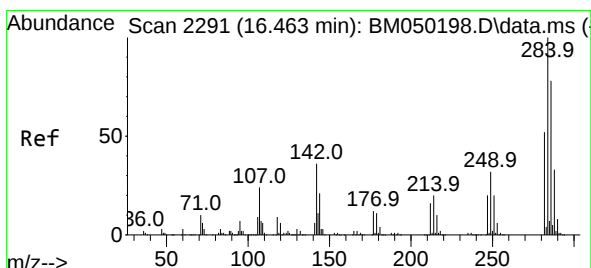
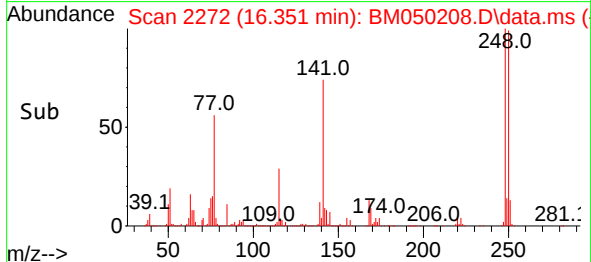
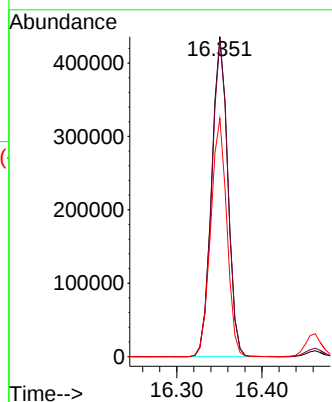
Tgt Ion:248 Resp: 573472
Ion Ratio Lower Upper
248 100
250 99.0 78.0 117.0
141 74.4 60.1 90.1

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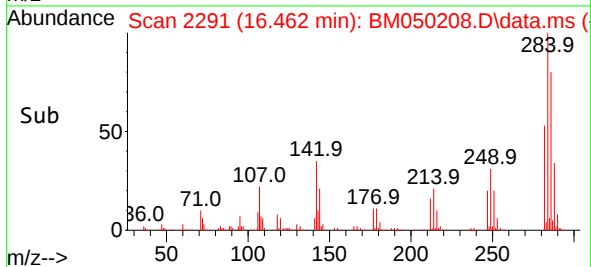
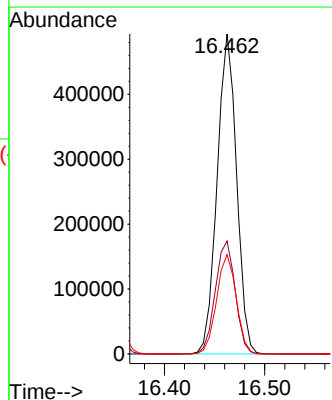
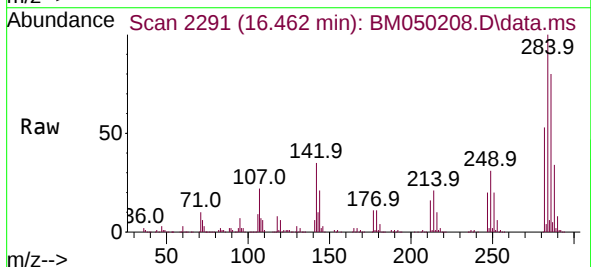
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Supervised By :Jagrut
Upadhyay

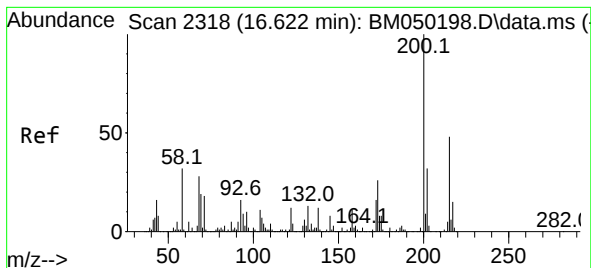
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#68
Hexachlorobenzene
Concen: 47.570 ng
RT: 16.462 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:284 Resp: 665920
Ion Ratio Lower Upper
284 100
142 35.3 28.8 43.2
249 31.0 25.8 38.6





#69

Atrazine

Concen: 49.464 ng

RT: 16.621 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS

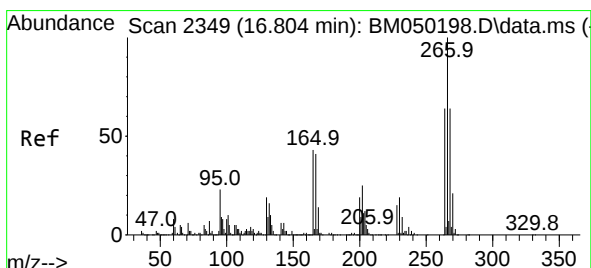
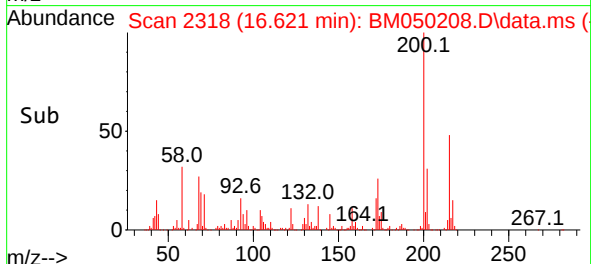
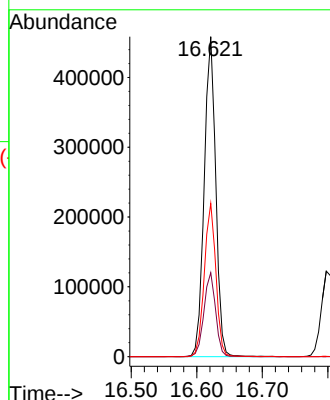
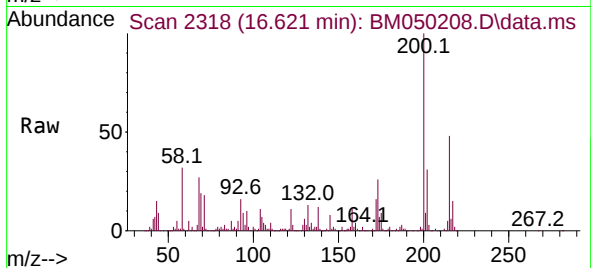
Tgt Ion:200	Resp: 556402
Ion Ratio	Lower Upper
200 100	
173 26.2	6.0 46.0
215 47.9	28.1 68.1

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Upadhyay

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#70

Pentachlorophenol

Concen: 98.626 ng

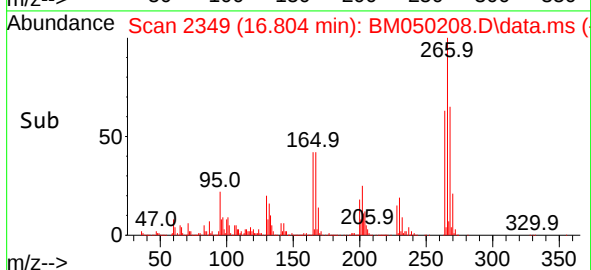
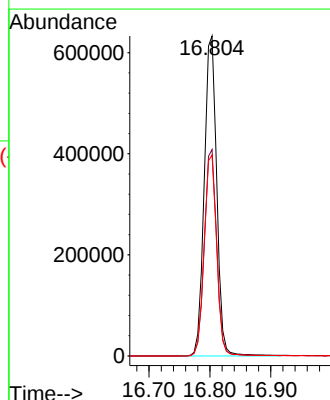
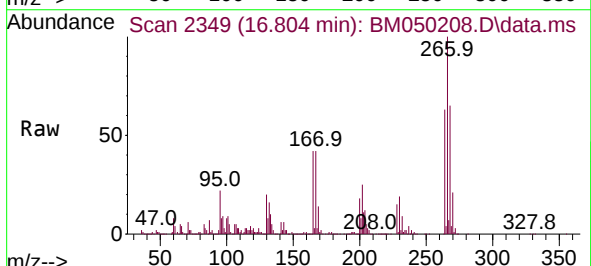
RT: 16.804 min Scan# 2349

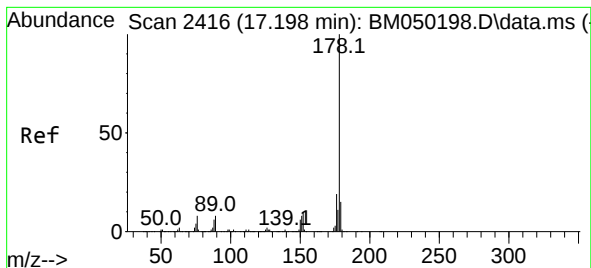
Delta R.T. -0.000 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Tgt Ion:266	Resp: 897621
Ion Ratio	Lower Upper
266 100	
268 64.5	51.0 76.6
264 62.8	50.8 76.2





#71

Phenanthrene

Concen: 46.104 ng

RT: 17.192 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS

Tgt Ion:178 Resp: 2959230

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.3 12.3 18.5

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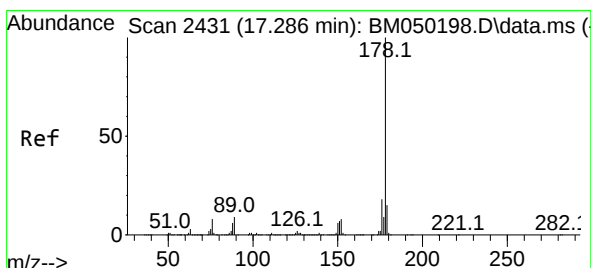
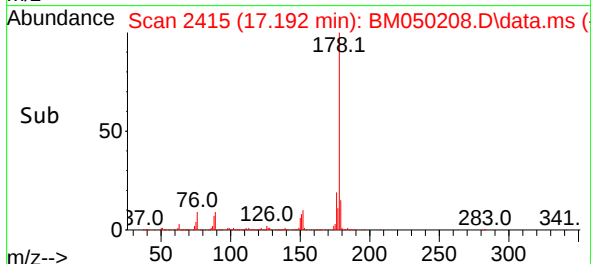
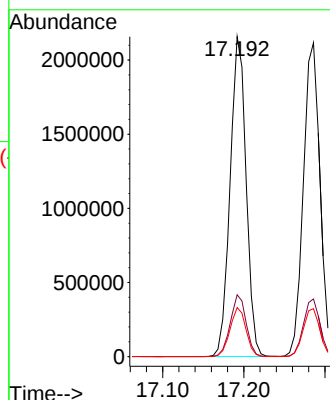
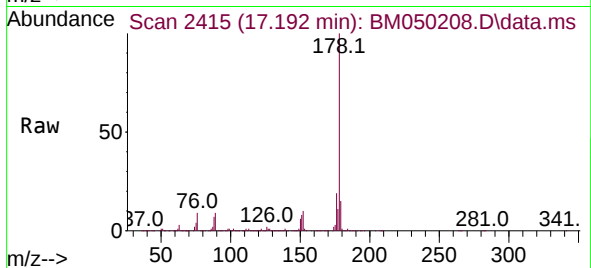
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Reviewed By :Rahul
Chavli

06/09/2025

Supervised By :Jagrut
Upadhyay

06/09/2025



#72

Anthracene

Concen: 46.793 ng

RT: 17.286 min Scan# 2431

Delta R.T. -0.000 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

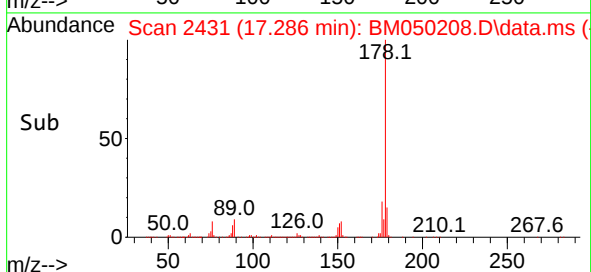
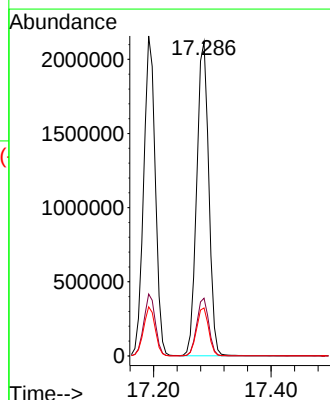
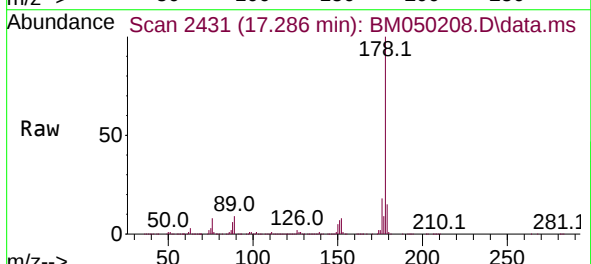
Tgt Ion:178 Resp: 3004594

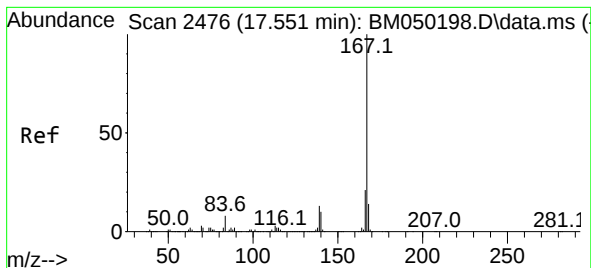
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

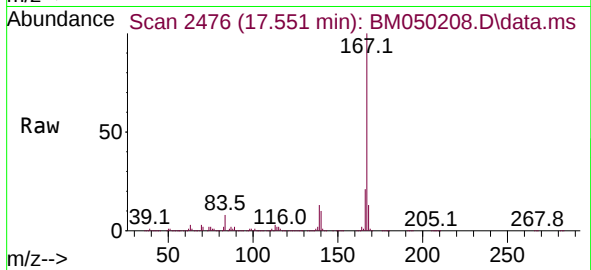
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 47.230 ng
 RT: 17.551 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM050208.D
 Acq: 06 Jun 2025 10:47

Instrument :
 BNA_M
 ClientSampleId :
 PB168269BS



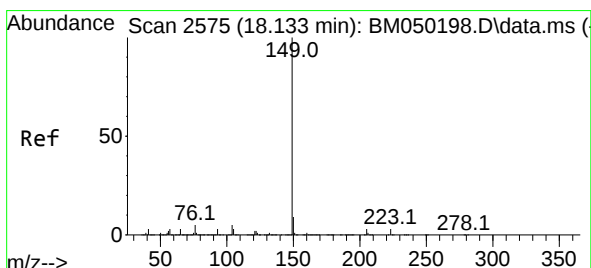
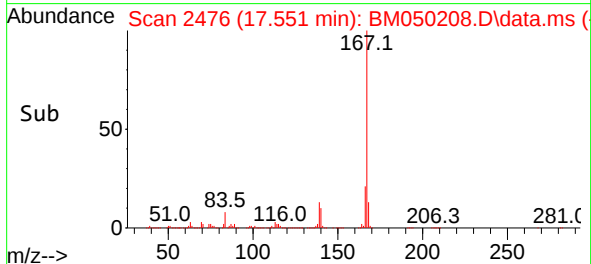
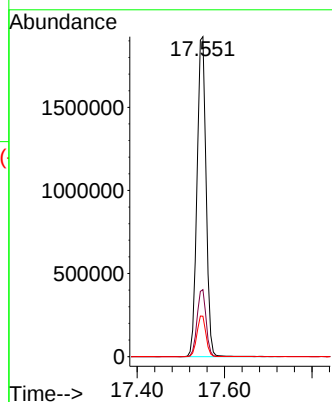
Tgt Ion:167 Resp: 2762804
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 12.6 10.2 15.4

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 Chavli

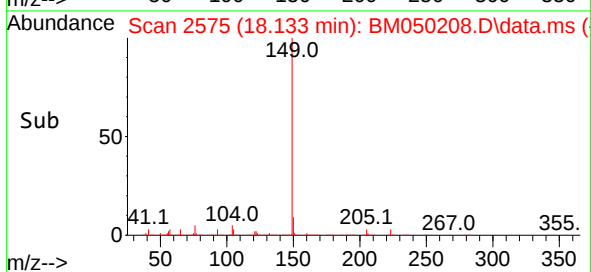
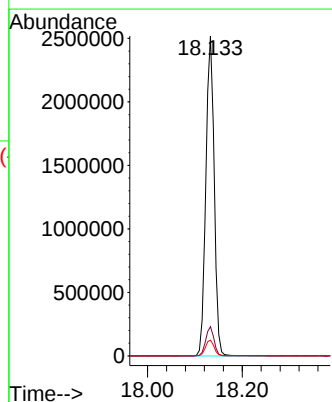
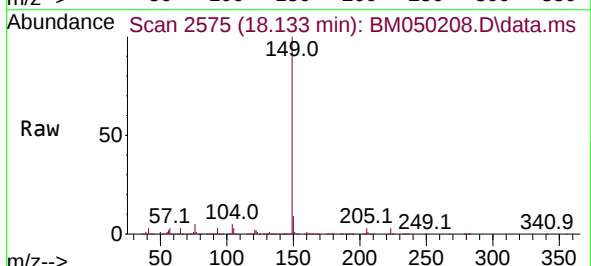
06/09/2025
 Supervised By :Jagrut
 Upadhyay

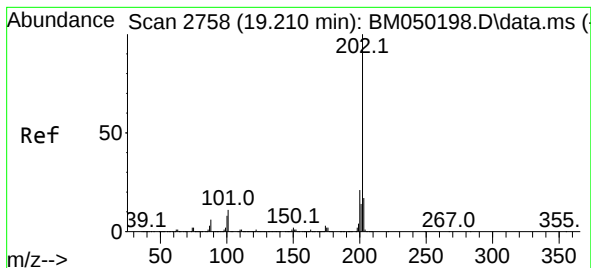
06/09/2025



#74
 Di-n-butylphthalate
 Concen: 48.203 ng
 RT: 18.133 min Scan# 2575
 Delta R.T. -0.000 min
 Lab File: BM050208.D
 Acq: 06 Jun 2025 10:47

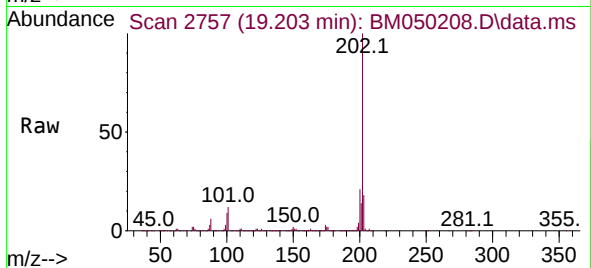
Tgt Ion:149 Resp: 3068125
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 46.834 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



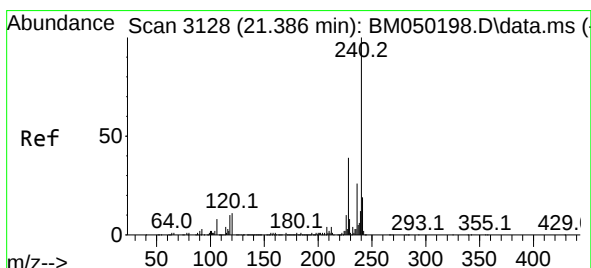
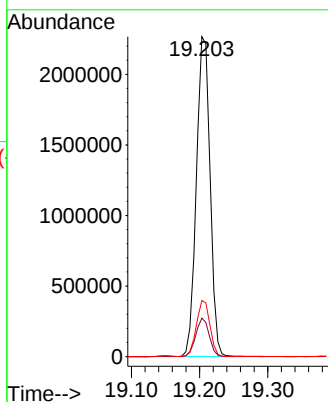
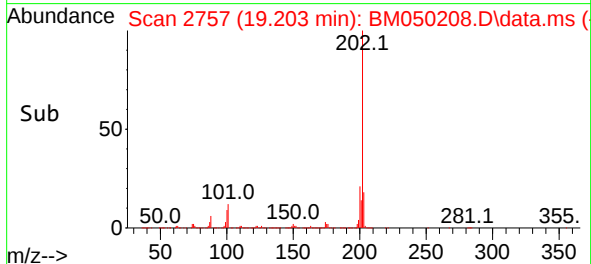
Tgt Ion:202 Resp: 3170134
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.1
203 17.5 0.0 37.0

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Reviewed By :Rahul
Chavli

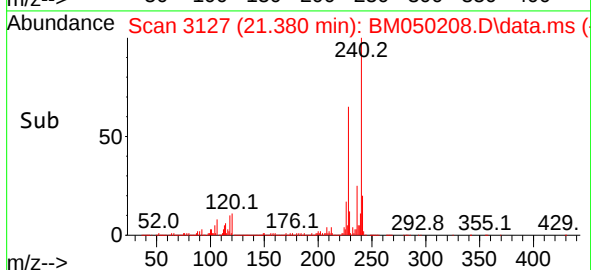
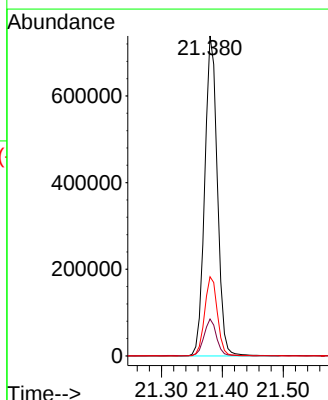
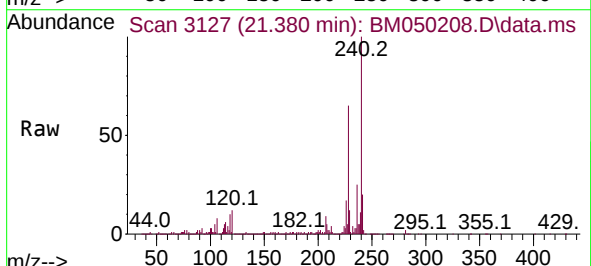
06/09/2025
Supervised By :Jagrut
Upadhyay

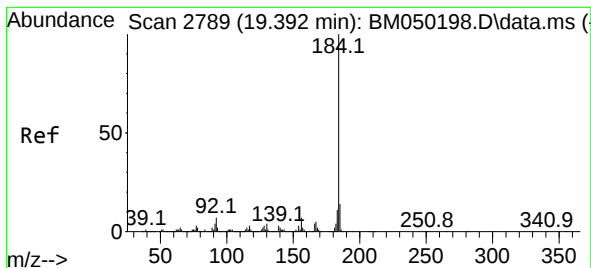
06/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:240 Resp: 1060555
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 24.7 20.7 31.1





#77

Benzidine

Concen: 25.565 ng

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS

Tgt Ion:184 Resp: 762450
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.5 17.3
 183 10.9 9.0 13.4

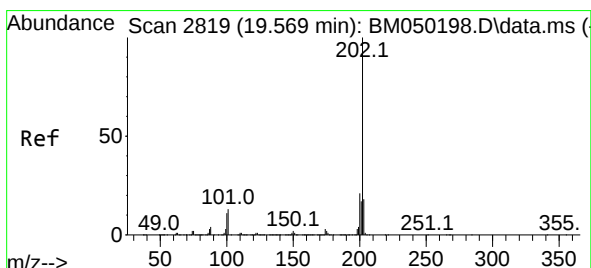
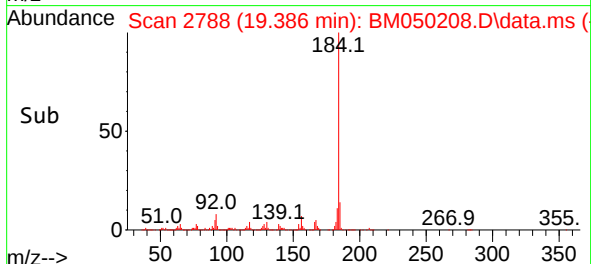
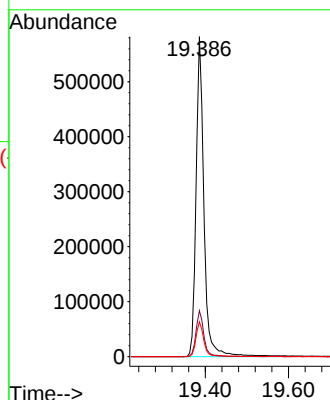
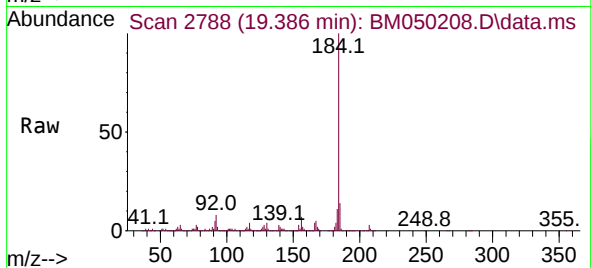
Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

06/09/2025

Supervised By :Jagrut
 Upadhyay

06/09/2025



#78

Pyrene

Concen: 46.414 ng

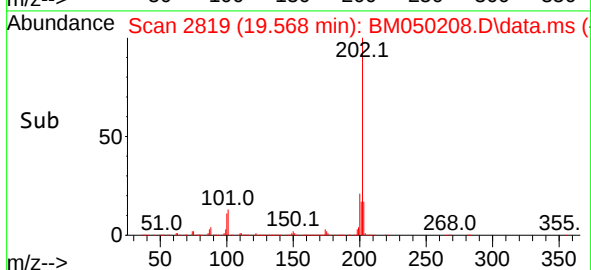
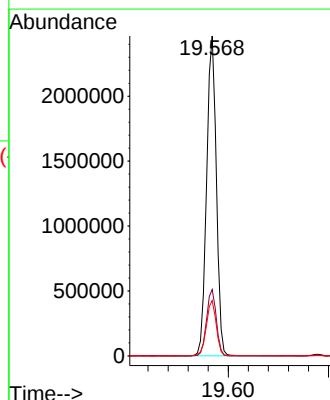
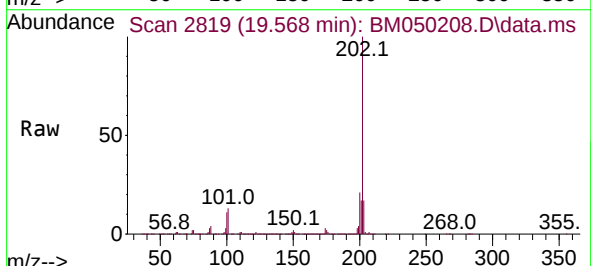
RT: 19.568 min Scan# 2819

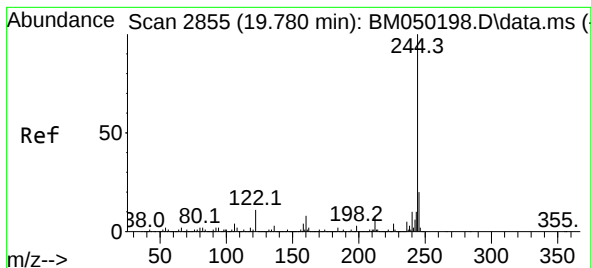
Delta R.T. -0.000 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Tgt Ion:202 Resp: 3317752
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.7 25.1
 203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 79.271 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BM050208.D

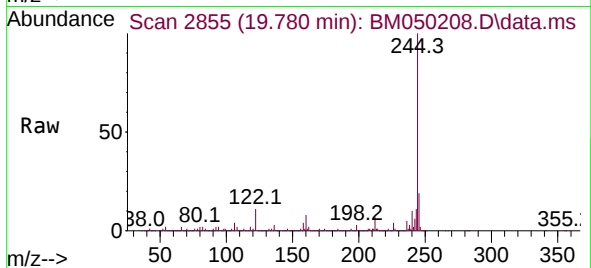
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



Tgt Ion:244 Resp: 4436403

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.7 8.6 12.8

Manual Integrations

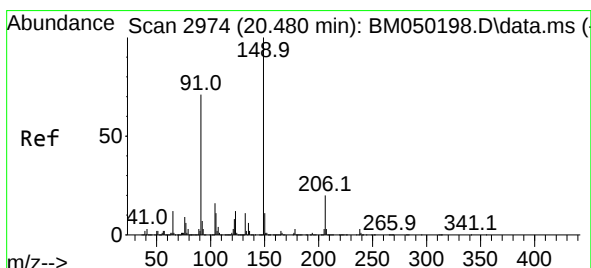
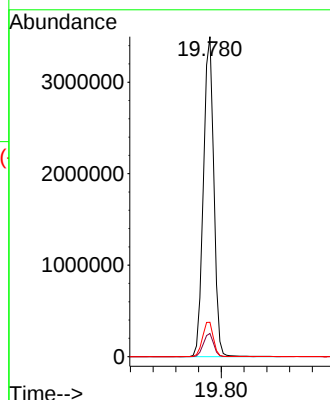
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Reviewed By :Rahul
Chavli

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Supervised By :Jagrut
Upadhyay

06/09/2025



#80

Butylbenzylphthalate

Concen: 50.365 ng

RT: 20.480 min Scan# 2974

Delta R.T. -0.000 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

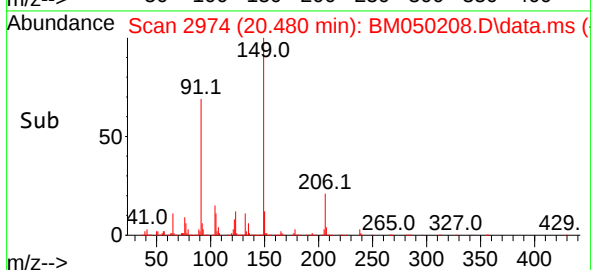
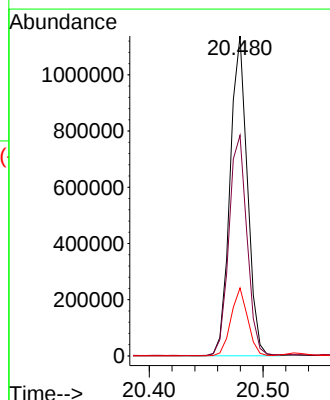
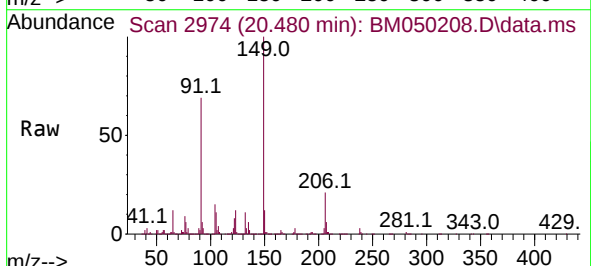
Tgt Ion:149 Resp: 1200885

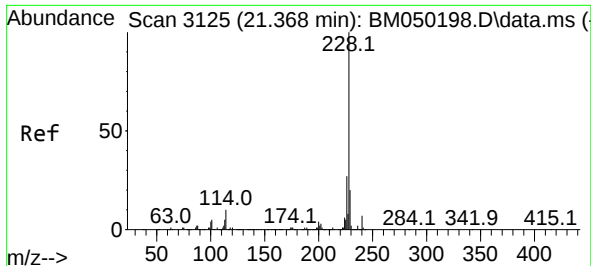
Ion Ratio Lower Upper

149 100

91 68.9 56.9 85.3

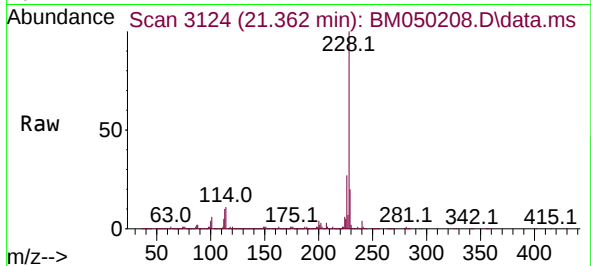
206 21.2 16.1 24.1





#81
Benzo(a)anthracene
Concen: 47.237 ng
RT: 21.362 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



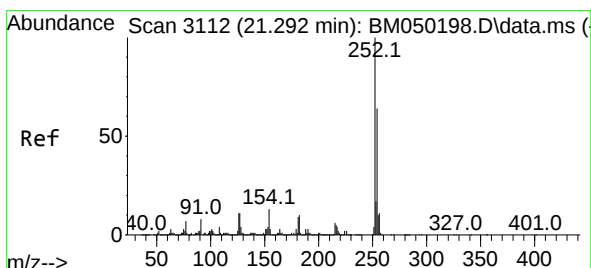
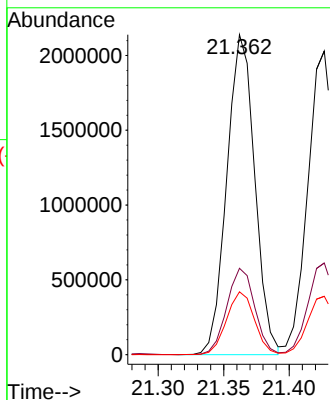
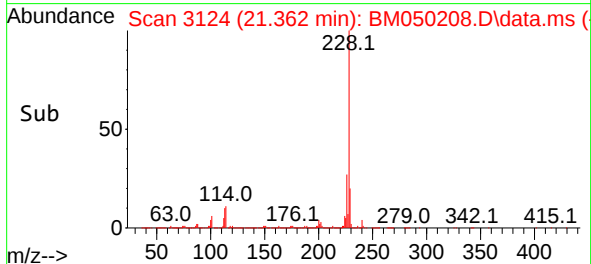
Tgt Ion:228 Resp: 3170963
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.7 15.7 23.5

Manual Integrations
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Reviewed By :Rahul
Chavli

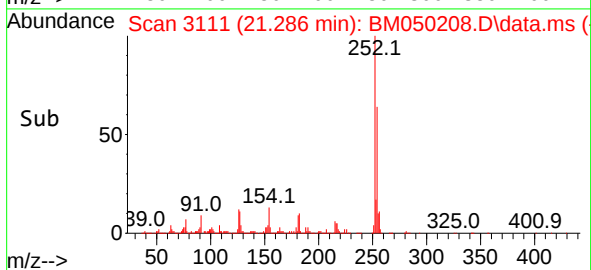
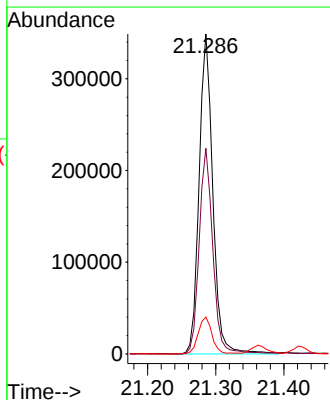
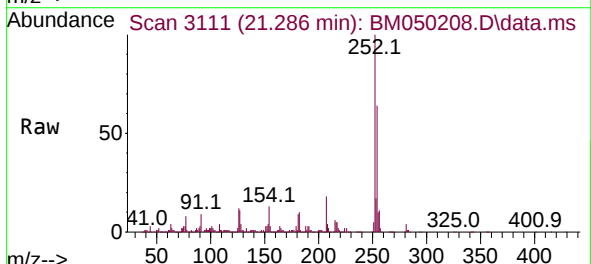
06/09/2025
Supervised By :Jagrut
Upadhyay

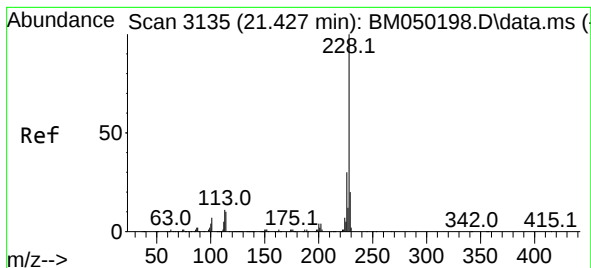
06/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 23.827 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:252 Resp: 487751
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 11.5 8.6 12.8





#83

Chrysene

Concen: 47.465 ng

RT: 21.427 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050208.D

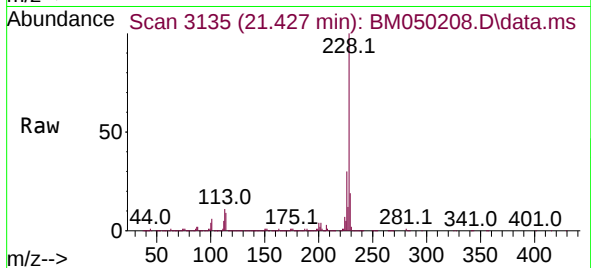
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



Tgt Ion:228 Resp: 3030852

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.2 15.8 23.8

Manual Integrations

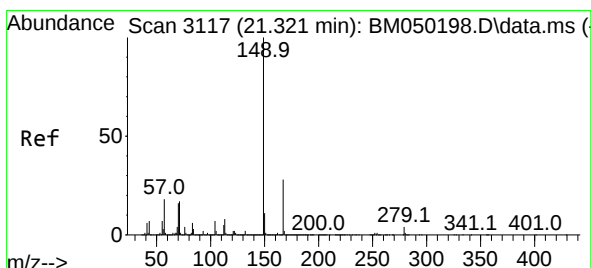
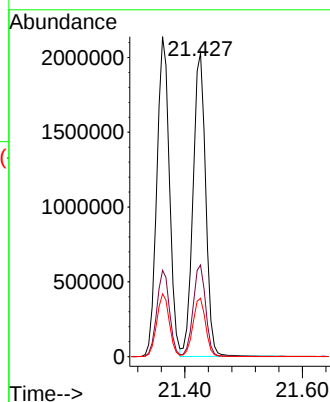
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Reviewed By :Rahul
Chavli

06/09/2025

Supervised By :Jagrut
Upadhyay

06/09/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.788 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

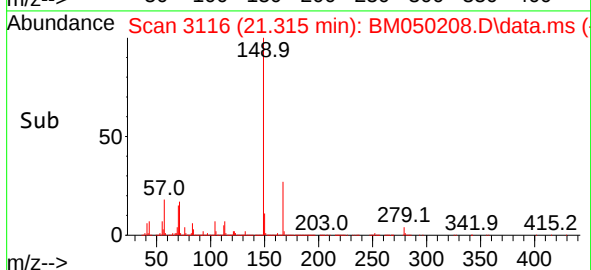
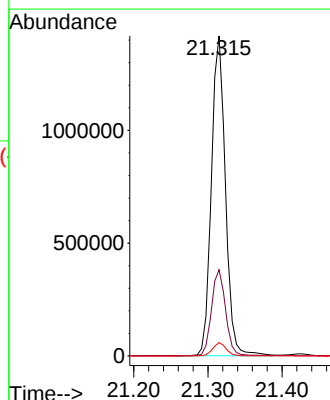
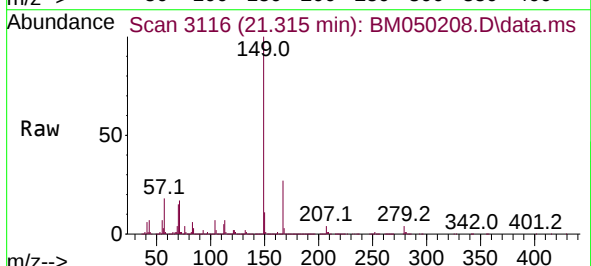
Tgt Ion:149 Resp: 1865304

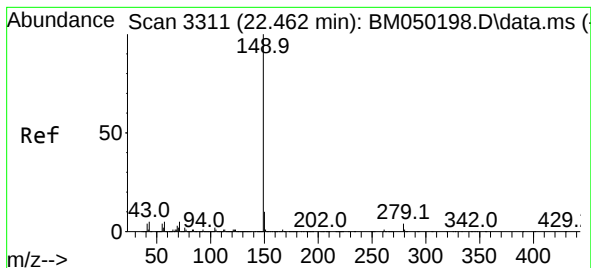
Ion Ratio Lower Upper

149 100

167 26.9 22.3 33.5

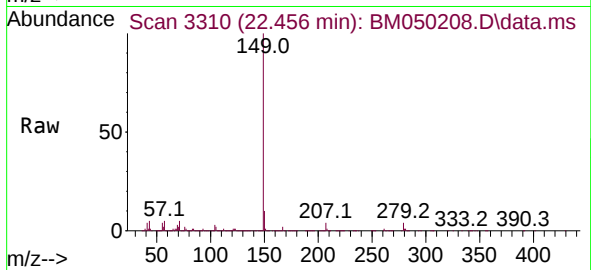
279 4.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 55.644 ng
RT: 22.456 min Scan# 3311
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



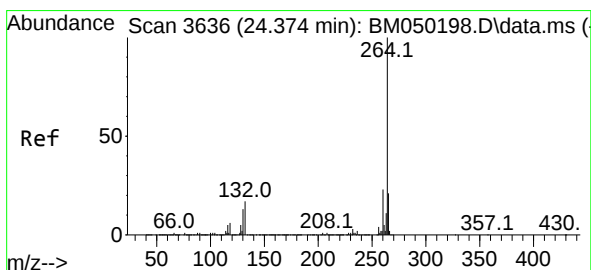
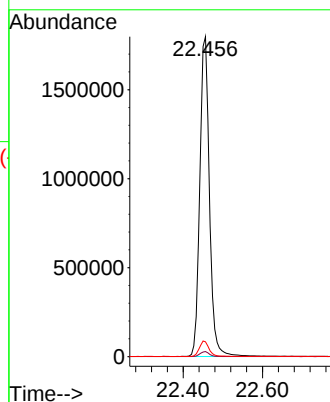
Tgt Ion:149 Resp: 3032564
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.9 3.8 5.8

Manual Integrations
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Chavli

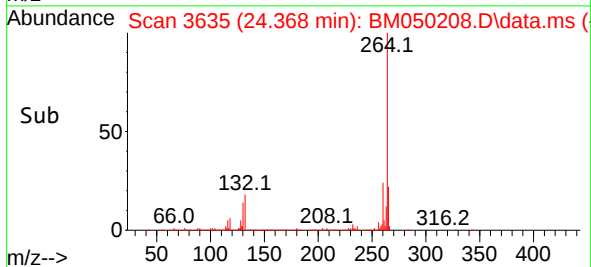
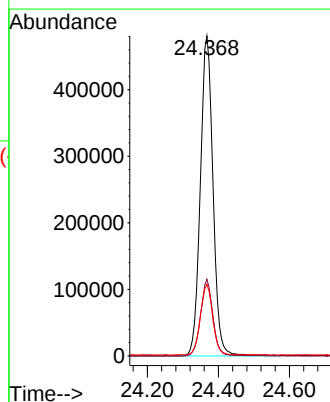
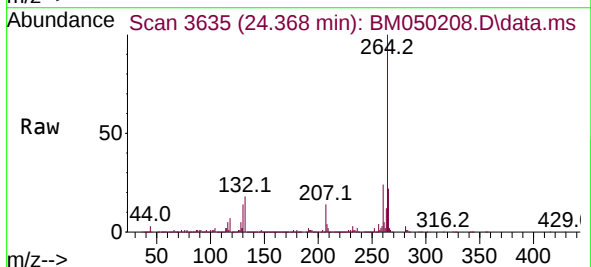
06/09/2025
Supervised By :Jagrut
Upadhyay

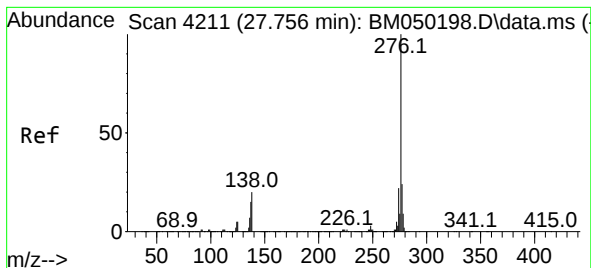
06/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:264 Resp: 1186020
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.627 ng

RT: 27.744 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM050208.D

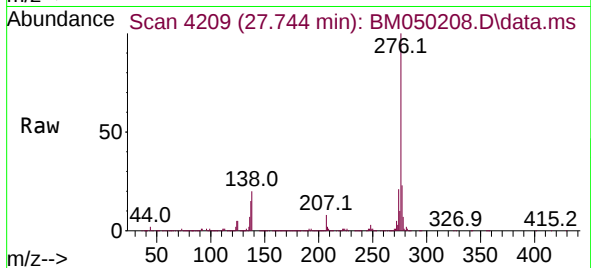
Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS



Tgt Ion:276 Resp: 4171594

Ion Ratio Lower Upper

276 100

138 18.6 20.6 30.8

277 24.6 19.8 29.6

Manual Integrations

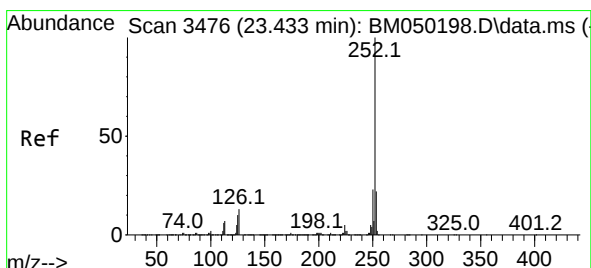
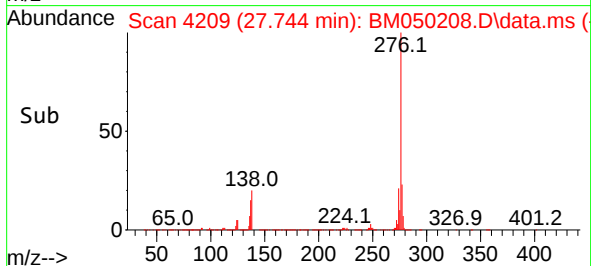
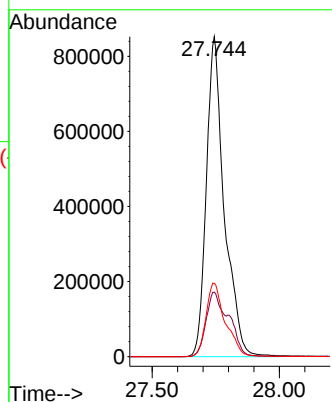
APPROVED

Reviewed By :Rahul
Chavli

06/09/2025

Supervised By :Jagrut
Upadhyay

06/09/2025



#88

Benzo(b)fluoranthene

Concen: 47.730 ng

RT: 23.427 min Scan# 3475

Delta R.T. -0.012 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

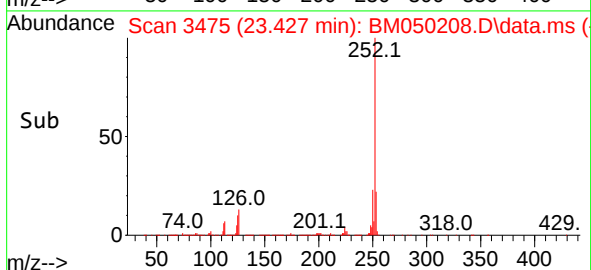
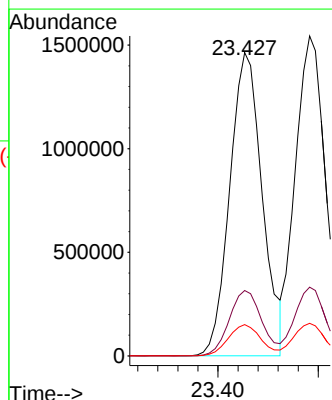
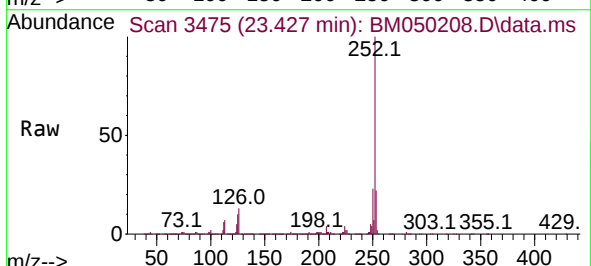
Tgt Ion:252 Resp: 3291254

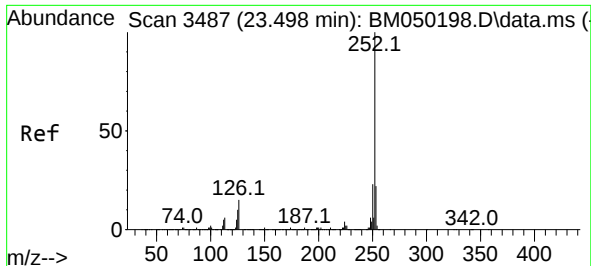
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

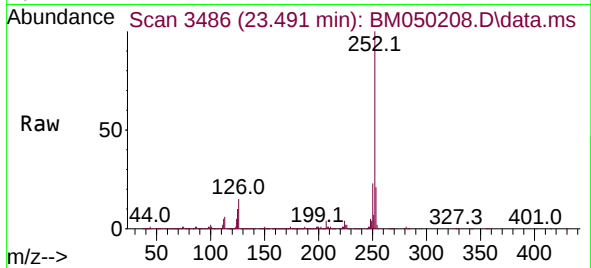
125 10.3 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 46.432 ng
RT: 23.491 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Instrument :
BNA_M
ClientSampleId :
PB168269BS



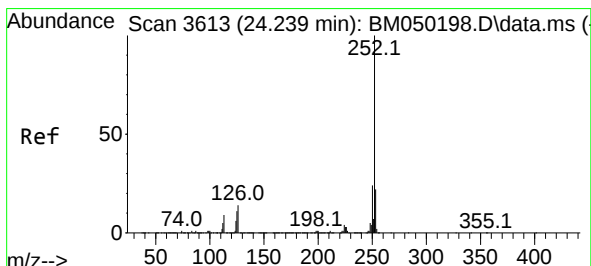
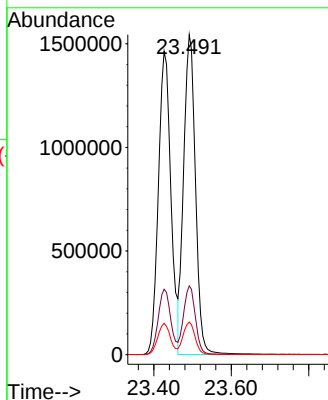
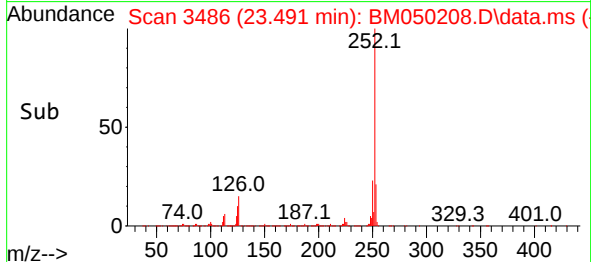
Tgt Ion:252 Resp: 326850
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 10.2 8.2 12.4

Manual Integrations
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Reviewed By :Rahul
Chavli

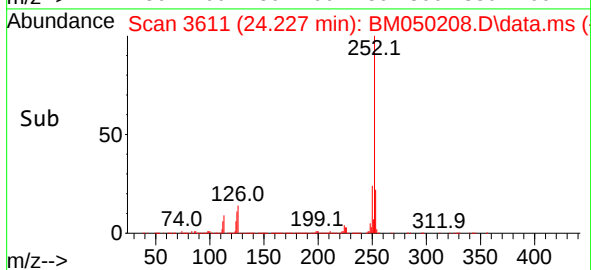
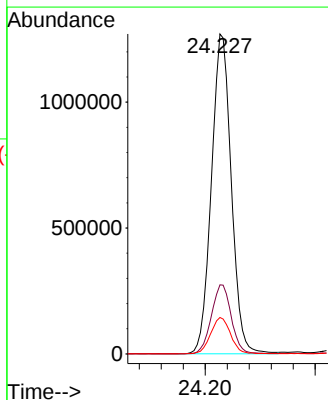
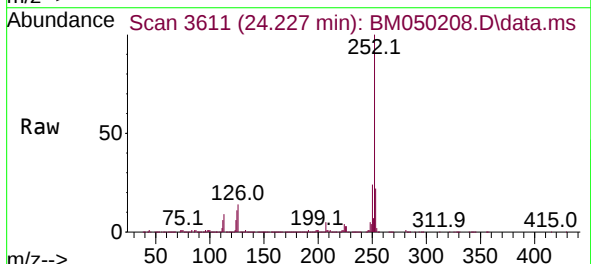
06/09/2025
Supervised By :Jagrut
Upadhyay

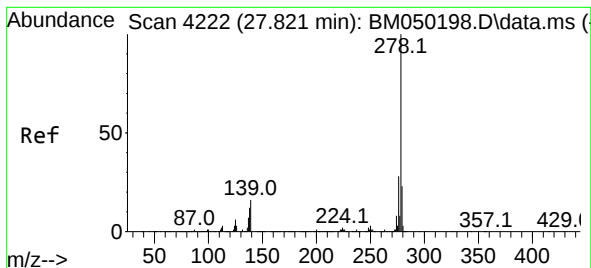
06/09/2025



#90
Benzo(a)pyrene
Concen: 49.074 ng
RT: 24.227 min Scan# 3611
Delta R.T. -0.012 min
Lab File: BM050208.D
Acq: 06 Jun 2025 10:47

Tgt Ion:252 Resp: 3181588
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 11.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 54.424 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Instrument :

BNA_M

ClientSampleId :

PB168269BS

Tgt Ion:278 Resp: 3373519

Ion Ratio Lower Upper

278 100

139 16.6 12.8 19.2

279 24.1 18.6 28.0

Manual Integrations

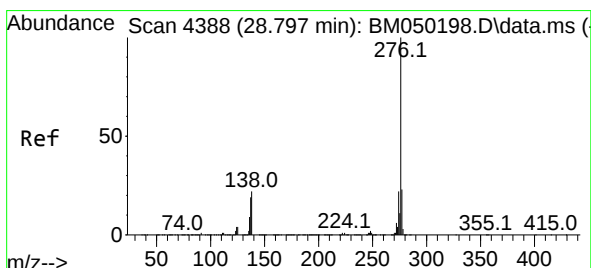
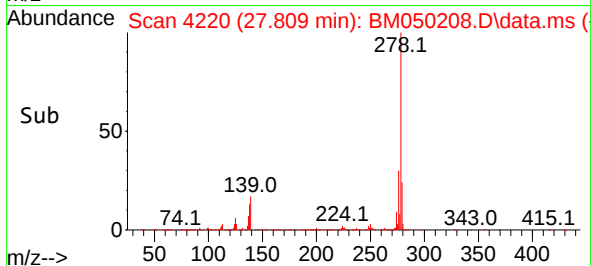
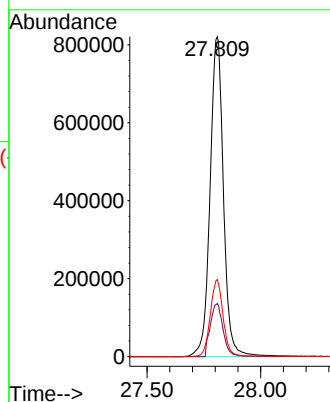
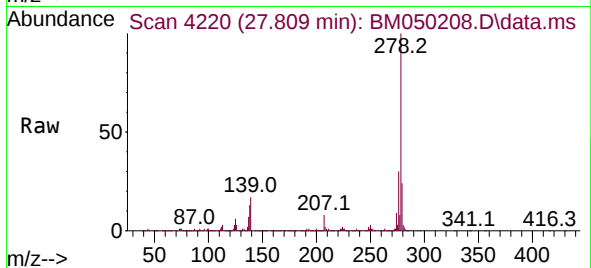
APPROVED

Reviewed By :Rahul
Chavli

06/09/2025

Supervised By :Jagrut
Upadhyay

06/09/2025



#92

Benzo(g,h,i)perylene

Concen: 55.347 ng

RT: 28.791 min Scan# 4387

Delta R.T. -0.024 min

Lab File: BM050208.D

Acq: 06 Jun 2025 10:47

Tgt Ion:276 Resp: 3433734

Ion Ratio Lower Upper

276 100

277 23.1 18.6 27.8

138 22.1 17.8 26.6

