

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050490.D
 Acq On : 23 Jul 2025 14:53
 Operator : RC/JU
 Sample : PB168971BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168971BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/24/2025
 Supervised By :Jagrut Upadhyay 07/24/2025

Quant Time: Jul 23 15:38:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	590671	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2228475	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1470138	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2823580	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2722057	20.000	ng	0.00
86) Perylene-d12	24.474	264	2987051	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	4254089	123.972	ng	0.00
7) Phenol-d6	7.016	99	5356411	123.825	ng	0.00
23) Nitrobenzene-d5	9.004	82	3226917	73.876	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	2595280	145.294	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	8604676	72.280	ng	0.00
79) Terphenyl-d14	19.827	244	12000897	77.570	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	485647	34.418	ng	98
3) Pyridine	3.716	79	1388425	37.480	ng	97
4) n-Nitrosodimethylamine	3.622	42	662454	38.359	ng	# 87
6) Aniline	7.169	93	1899146	34.210	ng	99
8) 2-Chlorophenol	7.416	128	1680462	46.443	ng	97
9) Benzaldehyde	6.981	77	951201	36.965	ng	99
10) Phenol	7.039	94	2034358	45.090	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	1511292	41.826	ng	97
12) 1,3-Dichlorobenzene	7.739	146	1839528	41.810	ng	97
13) 1,4-Dichlorobenzene	7.881	146	1878960	41.824	ng	100
14) 1,2-Dichlorobenzene	8.198	146	1809374	42.068	ng	99
15) Benzyl Alcohol	8.086	79	1384180	45.414	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	2093416	39.333	ng	98
17) 2-Methylphenol	8.292	107	1339858	45.787	ng	98
18) Hexachloroethane	8.933	117	658040	41.648	ng	93
19) n-Nitroso-di-n-propyla...	8.651	70	1131692	43.185	ng	96
20) 3+4-Methylphenols	8.616	107	1821527	46.369	ng	98
22) Acetophenone	8.669	105	2335292	41.913	ng	# 95
24) Nitrobenzene	9.045	77	1653749	42.428	ng	97
25) Isophorone	9.575	82	3124830	44.087	ng	99
26) 2-Nitrophenol	9.757	139	840977	52.938	ng	94
27) 2,4-Dimethylphenol	9.816	122	1566168	46.331	ng	96
28) bis(2-Chloroethoxy)met...	10.051	93	2013091	42.863	ng	99
29) 2,4-Dichlorophenol	10.292	162	1673683	48.193	ng	98
30) 1,2,4-Trichlorobenzene	10.510	180	1809049	43.544	ng	99
31) Naphthalene	10.692	128	4823115	42.611	ng	99
32) Benzoic acid	9.951	122	1164717	55.121	ng	99
33) 4-Chloroaniline	10.798	127	876320	18.313	ng	99
34) Hexachlorobutadiene	10.986	225	1110685	43.803	ng	99
35) Caprolactam	11.586	113	482444	50.888	ng	# 84
36) 4-Chloro-3-methylphenol	11.927	107	1556354	47.991	ng	96
37) 2-Methylnaphthalene	12.304	142	3195453	44.711	ng	99
38) 1-Methylnaphthalene	12.521	142	3331975	44.053	ng	99
40) 1,2,4,5-Tetrachloroben...	12.674	216	2099192	44.901	ng	99
41) Hexachlorocyclopentadiene	12.657	237	2723582	91.138	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	1417322	49.251	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.986	196	1579059	50.243	ng	96
46) 1,1'-Biphenyl	13.316	154	4686863	42.969	ng	100
47) 2-Chloronaphthalene	13.357	162	3701114	42.558	ng	99
48) 2-Nitroaniline	13.551	65	931465	47.985	ng	95
49) Acenaphthylene	14.198	152	5832889	44.380	ng	99
50) Dimethylphthalate	13.939	163	4503595	44.495	ng	99
51) 2,6-Dinitrotoluene	14.045	165	957419	49.266	ng	97
52) Acenaphthene	14.545	154	4047863m	48.444	ng	
53) 3-Nitroaniline	14.374	138	636327	30.789	ng	98
54) 2,4-Dinitrophenol	14.580	184	1184305	108.001	ng	# 80
55) Dibenzofuran	14.874	168	5498406	42.707	ng	99
56) 4-Nitrophenol	14.686	139	1730546	97.368	ng	90
57) 2,4-Dinitrotoluene	14.833	165	1363075	46.918	ng	94
58) Fluorene	15.521	166	4622437	43.589	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1341210	50.695	ng	95
60) Diethylphthalate	15.298	149	4279019	44.258	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	2434535	43.905	ng	98
62) 4-Nitroaniline	15.533	138	986319	41.861	ng	98
63) Azobenzene	15.810	77	3790826	42.699	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	759603	49.764	ng	88
66) n-Nitrosodiphenylamine	15.727	169	3962677	44.850	ng	100
67) 4-Bromophenyl-phenylether	16.409	248	1488111	47.835	ng	98
68) Hexachlorobenzene	16.527	284	1712252	46.601	ng	94
69) Atrazine	16.680	200	1417457	48.857	ng	99
70) Pentachlorophenol	16.868	266	2399684	104.915	ng	99
71) Phenanthrene	17.256	178	6957165	43.544	ng	100
72) Anthracene	17.345	178	7138273	44.884	ng	99
73) Carbazole	17.615	167	6433259	44.706	ng	99
74) Di-n-butylphthalate	18.180	149	7299602	46.344	ng	100
75) Fluoranthene	19.262	202	7905713	45.516	ng	99
77) Benzidine	19.445	184	4415956	63.603	ng	99
78) Pyrene	19.627	202	8214084	47.117	ng	100
80) Butylbenzylphthalate	20.521	149	3205108	55.757	ng	97
81) Benzo(a)anthracene	21.421	228	8114383	45.751	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	1932024	32.302	ng	99
83) Chrysene	21.486	228	7471780	44.664	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4687495	51.368	ng	97
85) Di-n-octyl phthalate	22.491	149	8029133	56.178	ng	97
87) Indeno(1,2,3-cd)pyrene	27.903	276	10415421	49.042	ng	99
88) Benzo(b)fluoranthene	23.515	252	7973643	43.398	ng	100
89) Benzo(k)fluoranthene	23.580	252	8065167	42.304	ng	100
90) Benzo(a)pyrene	24.327	252	7816949	45.449	ng	99
91) Dibenzo(a,h)anthracene	27.962	278	8576934	47.954	ng	99
92) Benzo(g,h,i)perylene	28.967	276	8370375	49.517	ng	99

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

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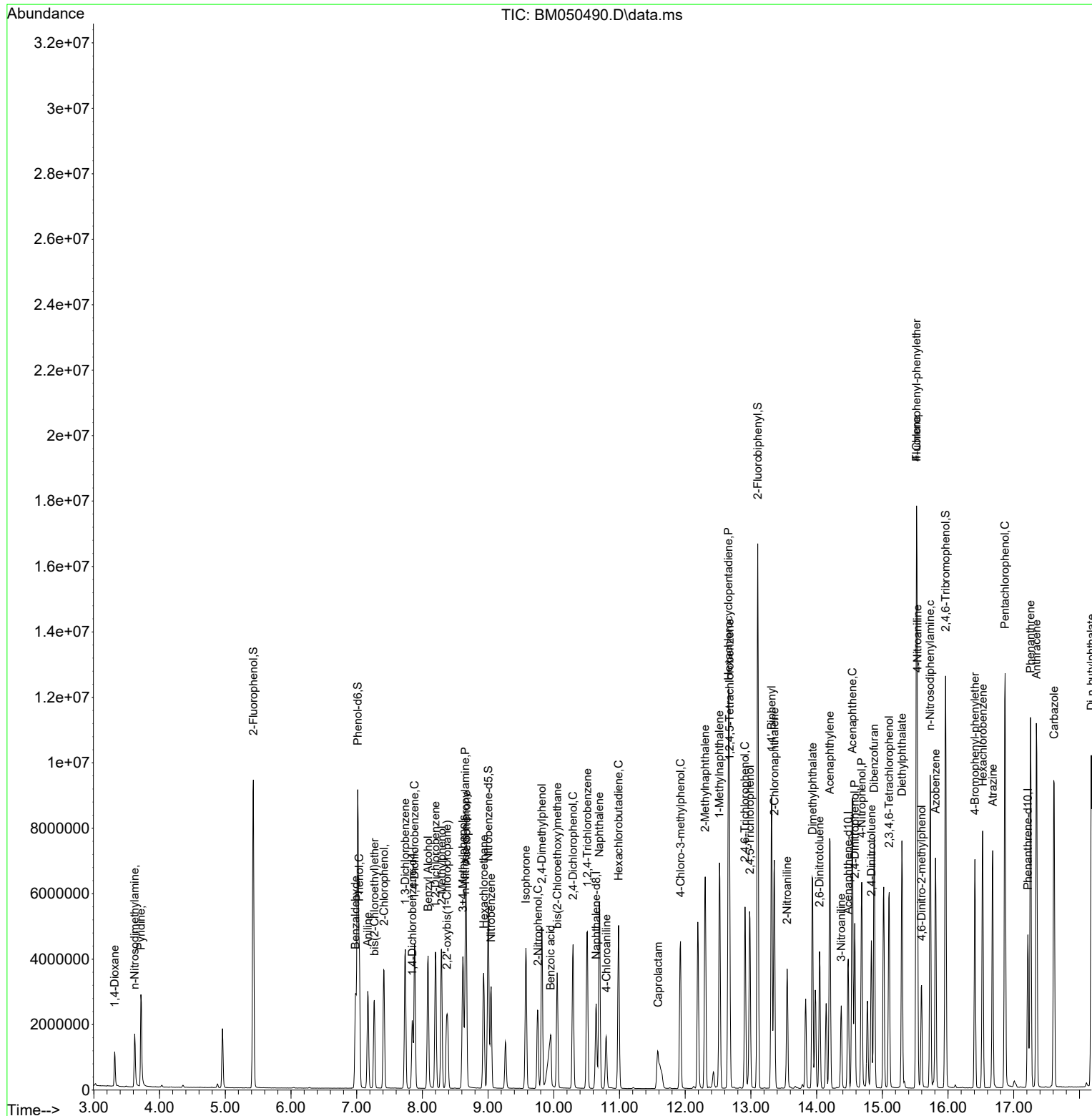
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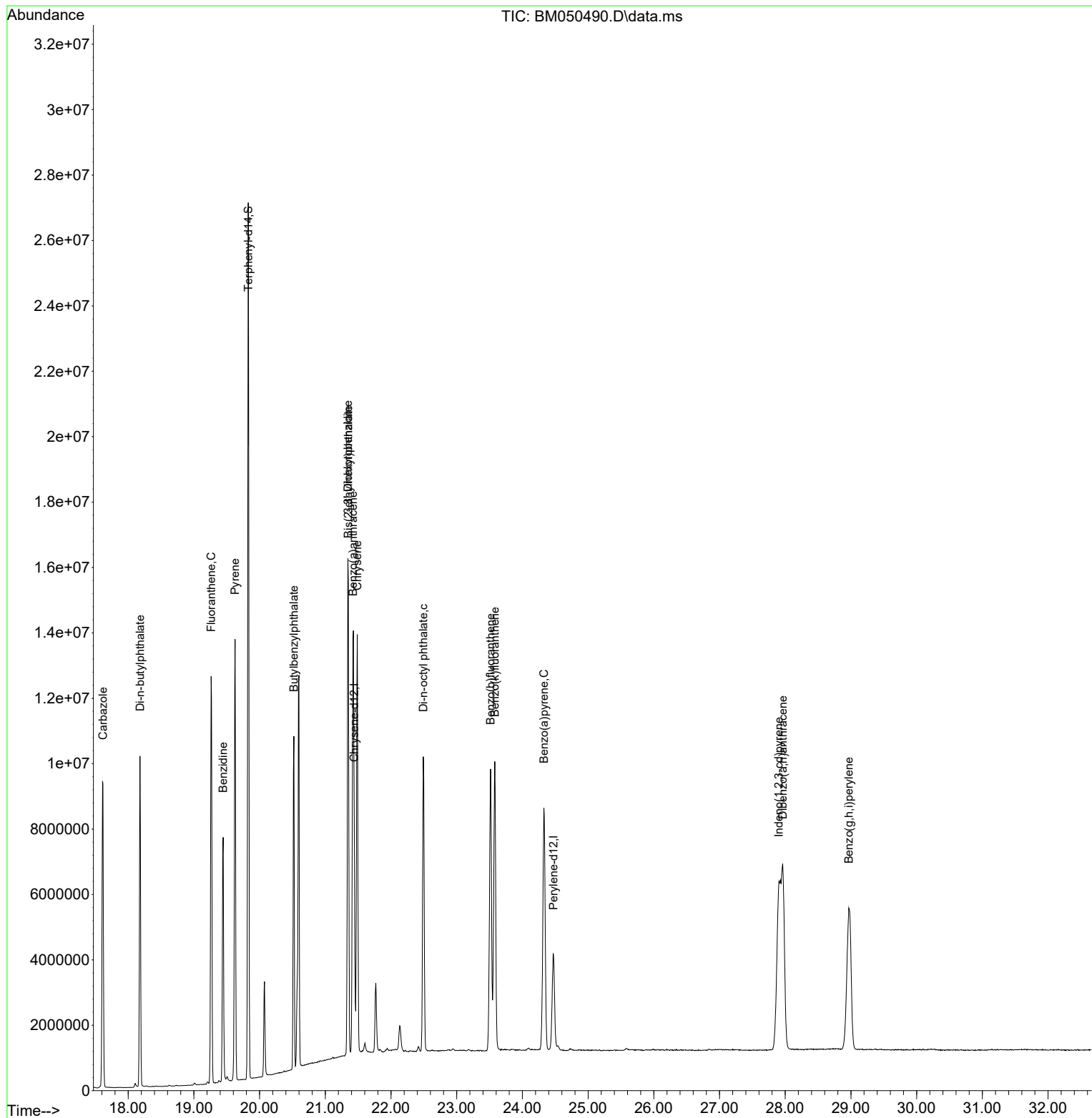
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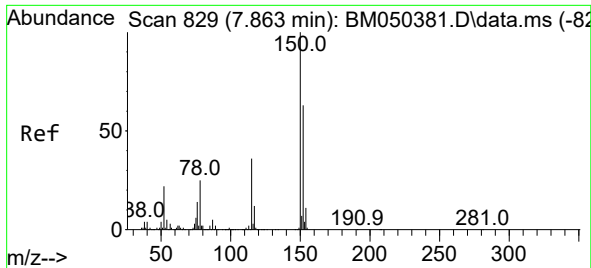
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ClientSampleId :
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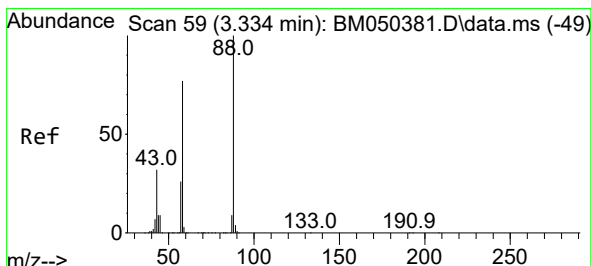
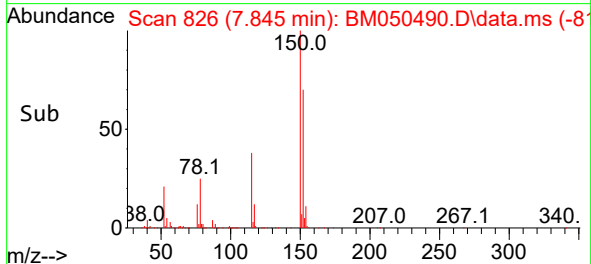
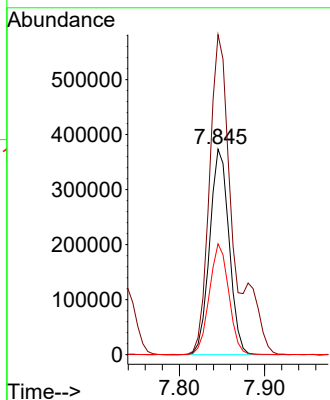
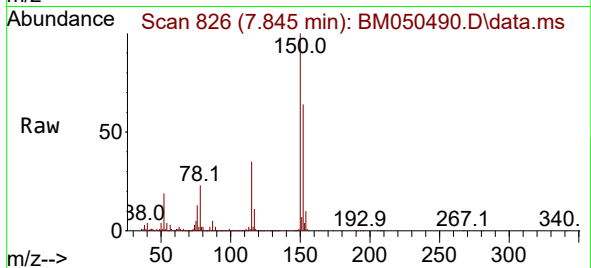
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

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BNA_M
ClientSampleId :
PB168971BS

Tgt Ion:152 Resp: 59067
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.4
115 53.9 45.8 68.8

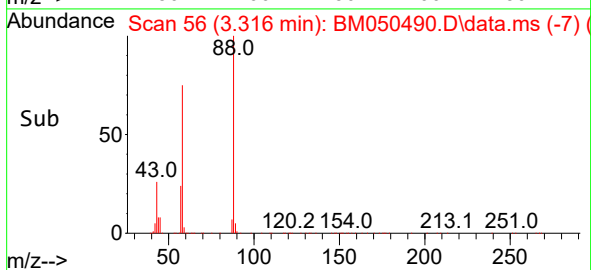
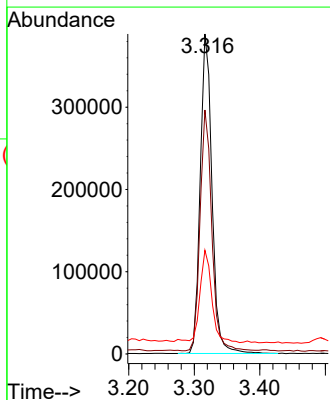
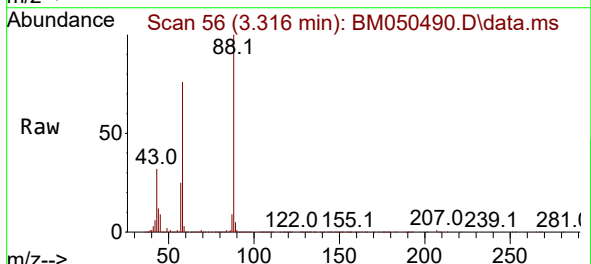
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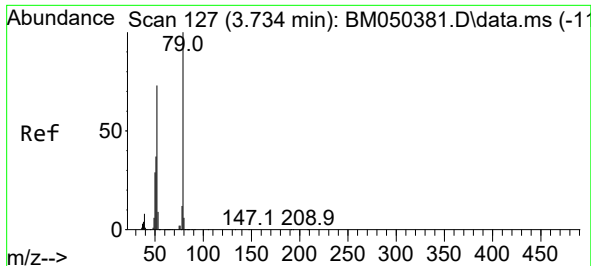
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#2
1,4-Dioxane
Concen: 34.418 ng
RT: 3.316 min Scan# 56
Delta R.T. -0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

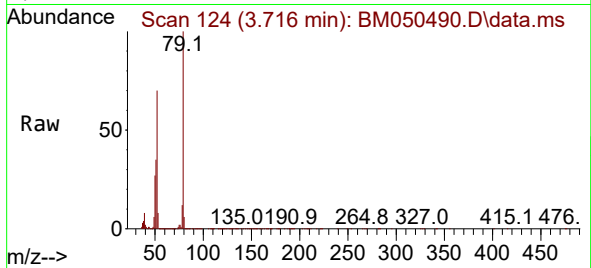
Tgt Ion: 88 Resp: 485647
Ion Ratio Lower Upper
88 100
58 75.0 61.0 91.6
43 28.5 24.6 37.0





#3
Pyridine
Concen: 37.480 ng
RT: 3.716 min Scan# 110
Delta R.T. -0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

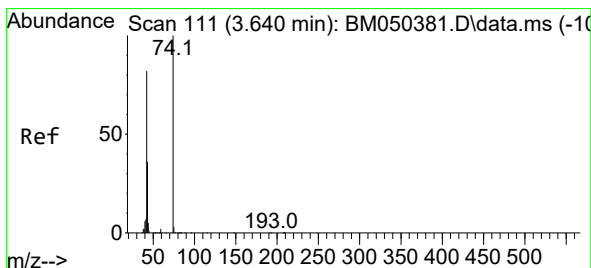
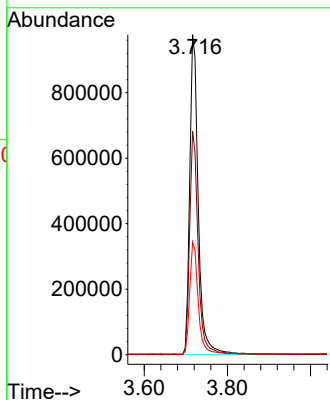
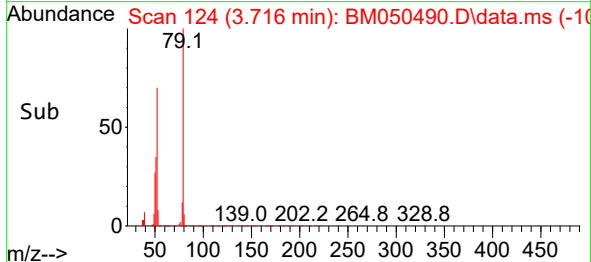
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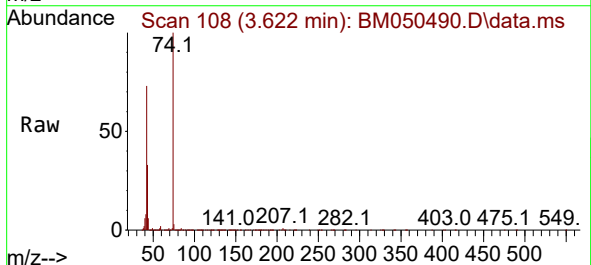
Tgt Ion: 79 Resp: 1388425
Ion Ratio Lower Upper
79 100
52 69.9 58.3 87.5
51 35.2 29.6 44.4

Manual Integrations
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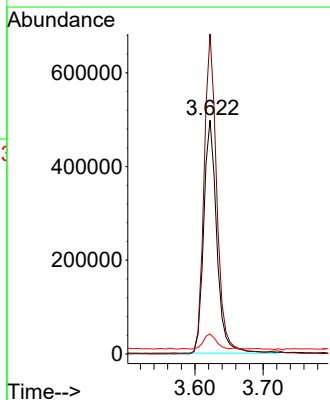
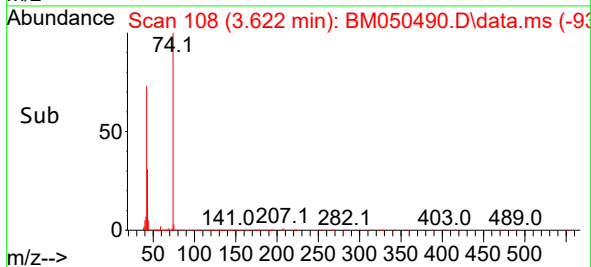
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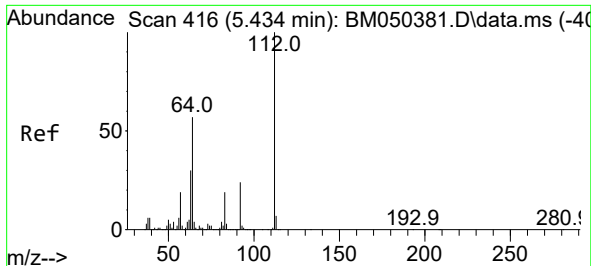


#4
n-Nitrosodimethylamine
Concen: 38.359 ng
RT: 3.622 min Scan# 108
Delta R.T. -0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



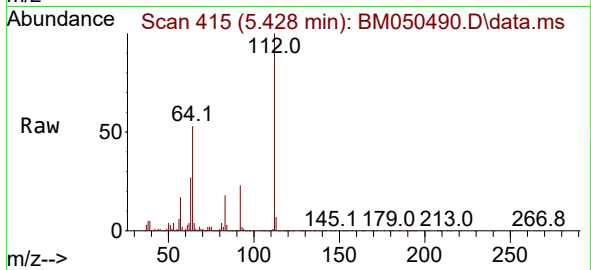
Tgt Ion: 42 Resp: 662454
Ion Ratio Lower Upper
42 100
74 136.8 97.5 146.3
44 8.6 5.7 8.5





#5
2-Fluorophenol
Concen: 123.972 ng
RT: 5.428 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

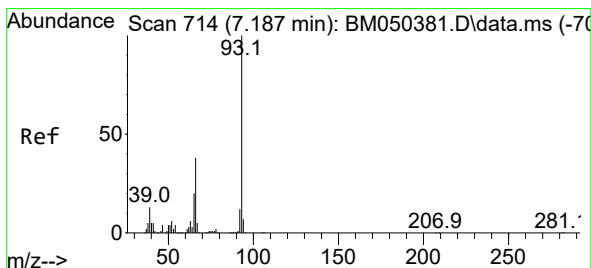
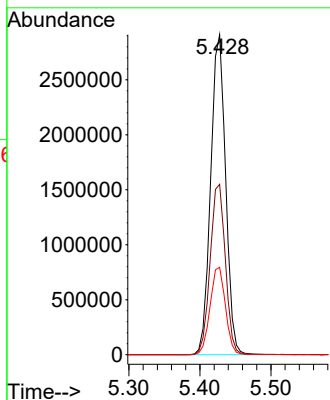
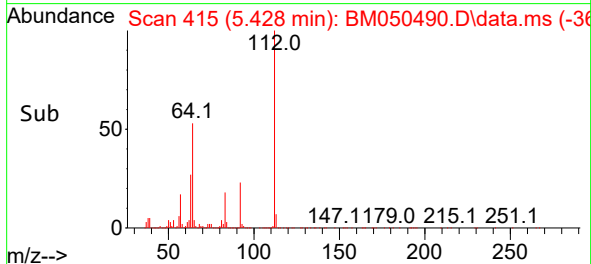
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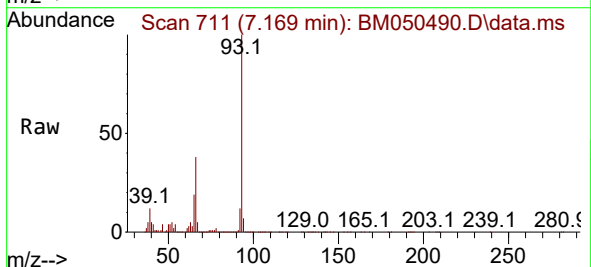
Tgt Ion:112 Resp: 4254089
Ion Ratio Lower Upper
112 100
64 53.3 45.5 68.3
63 27.3 24.2 36.4

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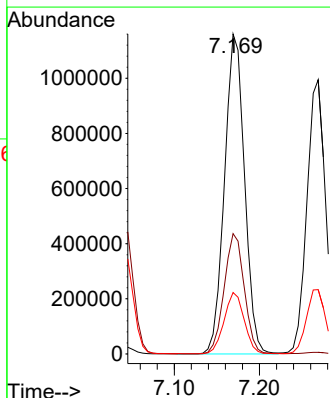
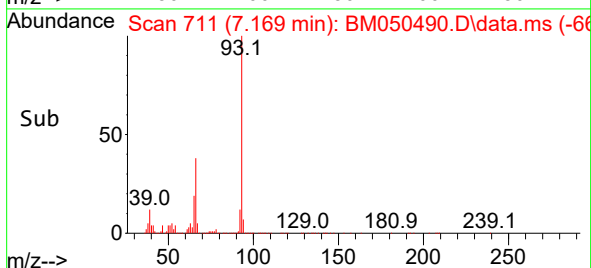
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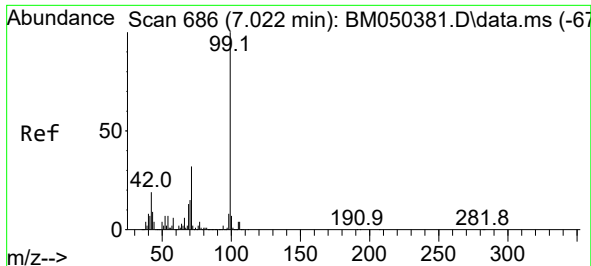


#6
Aniline
Concen: 34.210 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM050490.D
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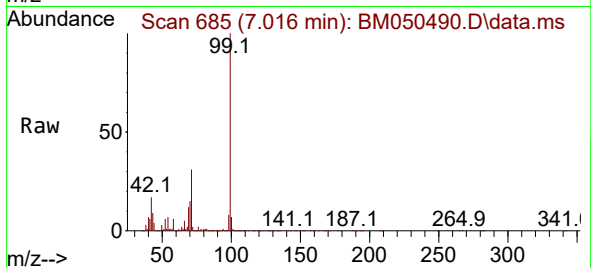
Tgt Ion: 93 Resp: 1899146
Ion Ratio Lower Upper
93 100
66 37.6 30.5 45.7
65 19.2 15.9 23.9





#7
Phenol-d6
Concen: 123.825 ng
RT: 7.016 min Scan# 686
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Instrument :
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ClientSampleId :
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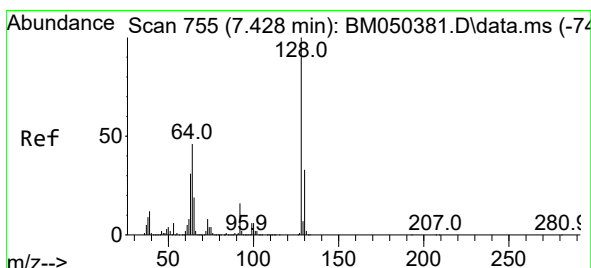
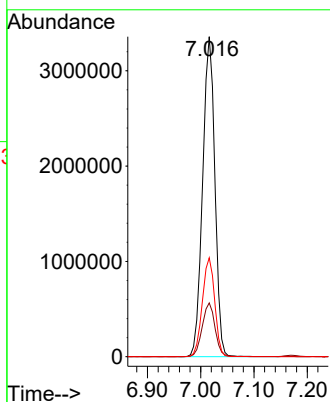
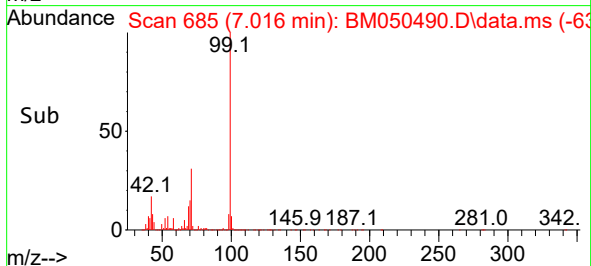


Tgt Ion: 99 Resp: 535641

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.0	22.6
71	30.9	25.9	38.9

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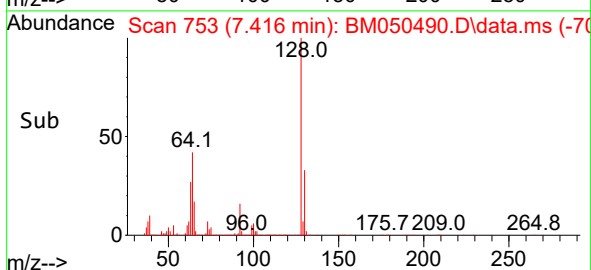
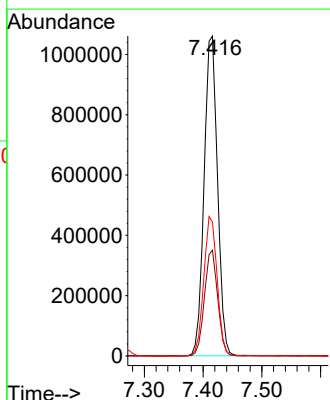
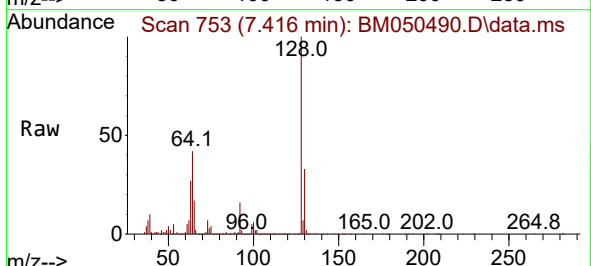
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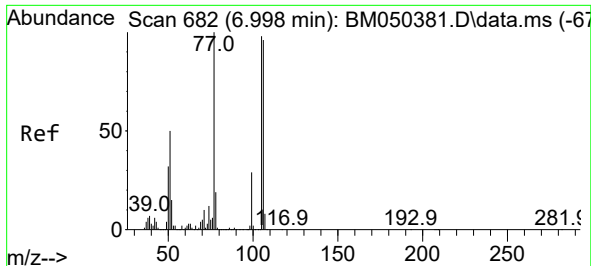


#8
2-Chlorophenol
Concen: 46.443 ng
RT: 7.416 min Scan# 753
Delta R.T. 0.000 min
Lab File: BM050490.D
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Tgt Ion:128 Resp: 1680462

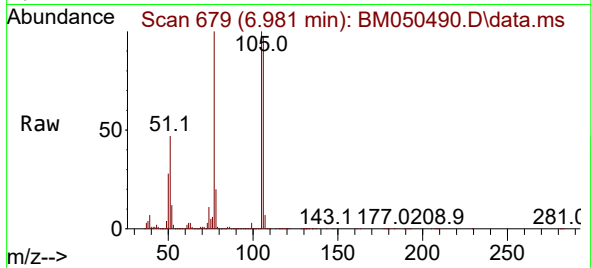
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.3	53.3
64	41.9	25.6	65.6





#9
Benzaldehyde
Concen: 36.965 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

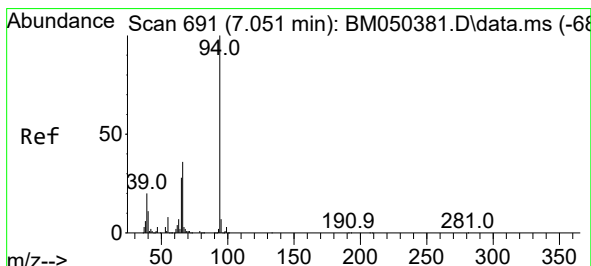
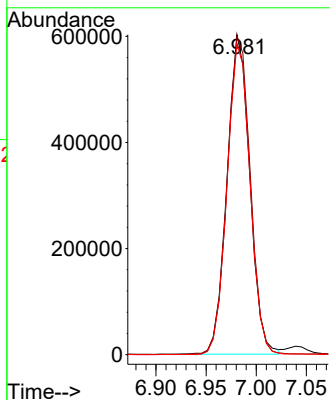
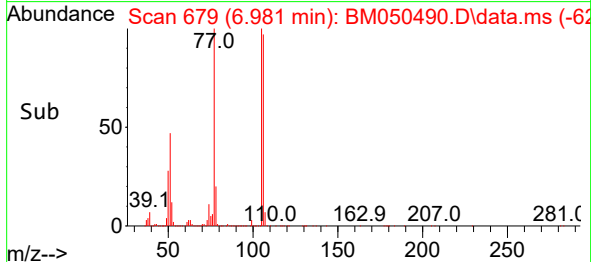
Instrument :
BNA_M
ClientSampleId :
PB168971BS



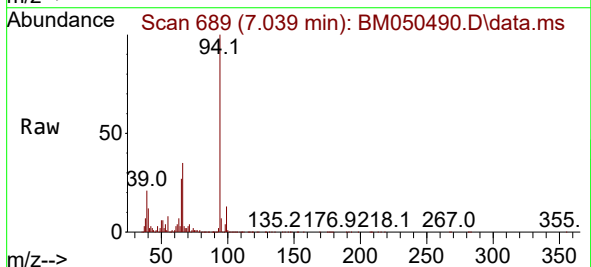
Tgt Ion: 77 Resp: 95120
Ion Ratio Lower Upper
77 100
105 99.6 78.4 118.4
106 97.3 76.3 116.3

Manual Integrations
APPROVED

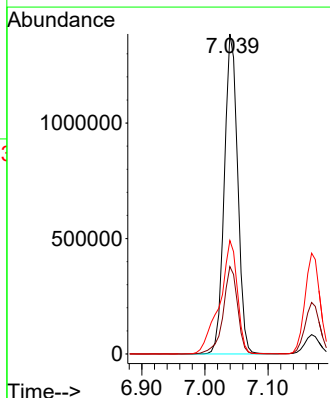
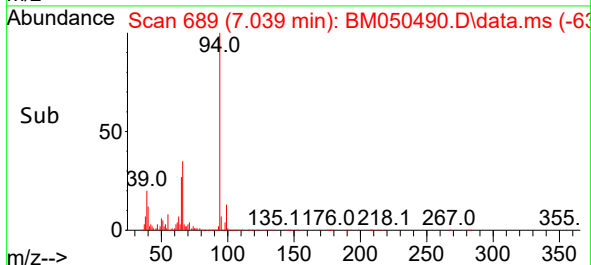
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

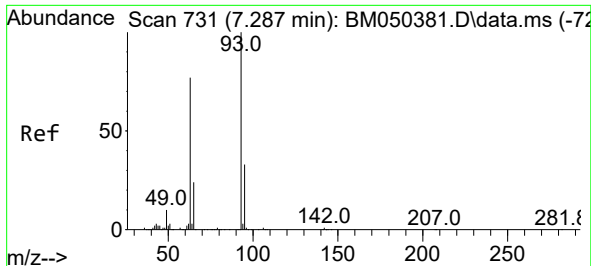


#10
Phenol
Concen: 45.090 ng
RT: 7.039 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



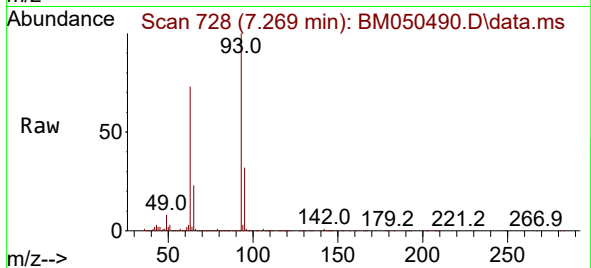
Tgt Ion: 94 Resp: 2034358
Ion Ratio Lower Upper
94 100
65 27.3 8.1 48.1
66 35.5 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 41.826 ng
RT: 7.269 min Scan# 701
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

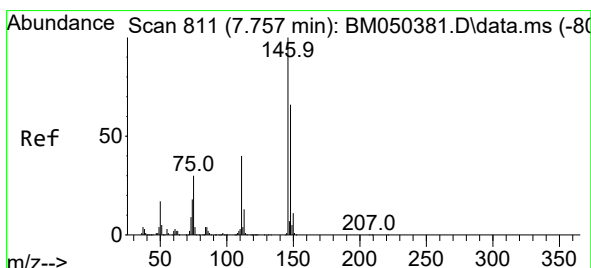
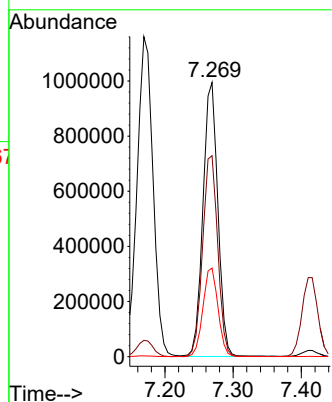
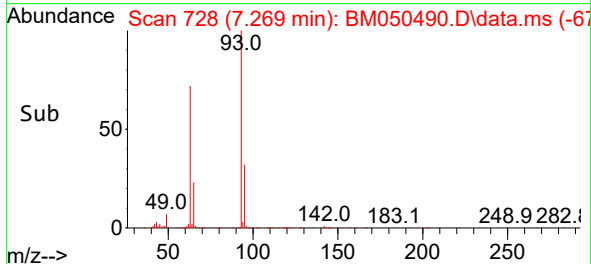
Instrument :
BNA_M
ClientSampleId :
PB168971BS



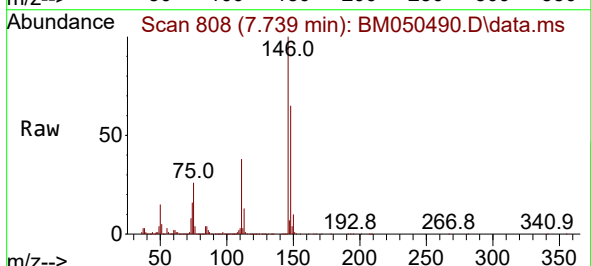
Tgt Ion: 93 Resp: 1511292
Ion Ratio Lower Upper
93 100
63 73.3 56.9 96.9
95 32.3 12.6 52.6

Manual Integrations
APPROVED

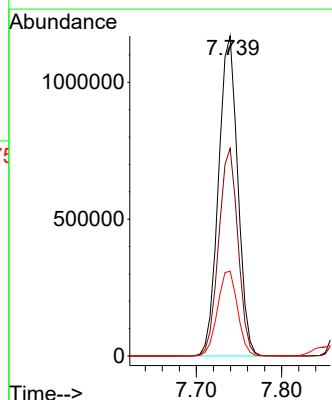
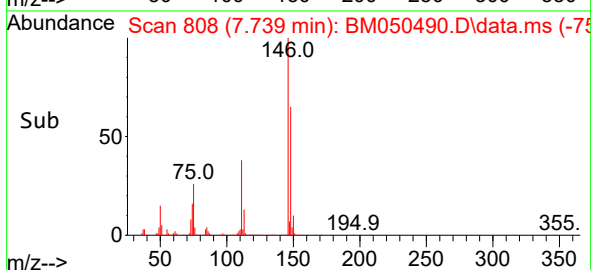
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

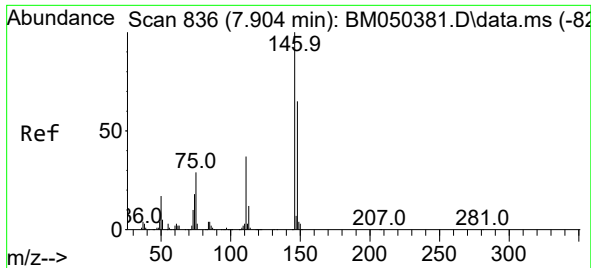


#12
1,3-Dichlorobenzene
Concen: 41.810 ng
RT: 7.739 min Scan# 808
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



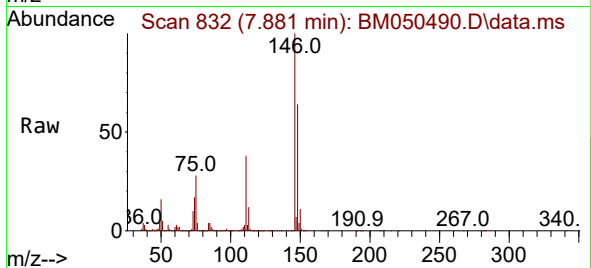
Tgt Ion:146 Resp: 1839528
Ion Ratio Lower Upper
146 100
148 64.8 53.2 79.8
75 26.5 23.9 35.9





#13
1,4-Dichlorobenzene
Concen: 41.824 ng
RT: 7.881 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

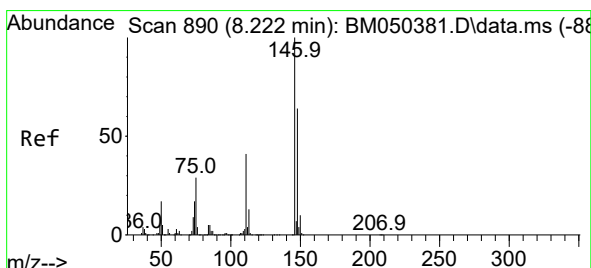
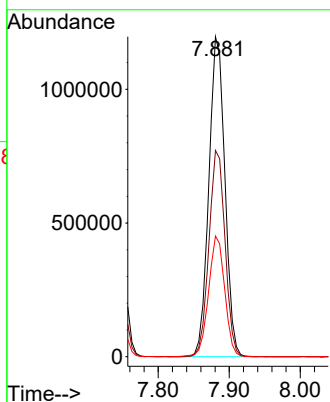
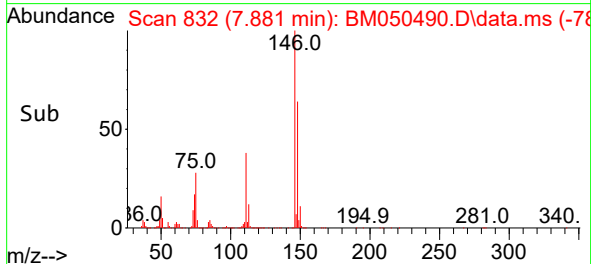
Instrument :
BNA_M
ClientSampleId :
PB168971BS



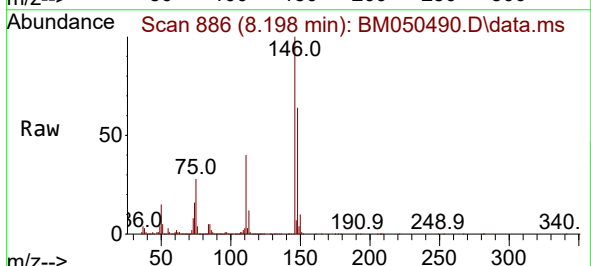
Tgt Ion:146 Resp: 1878960
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
111 37.7 30.0 45.0

Manual Integrations
APPROVED

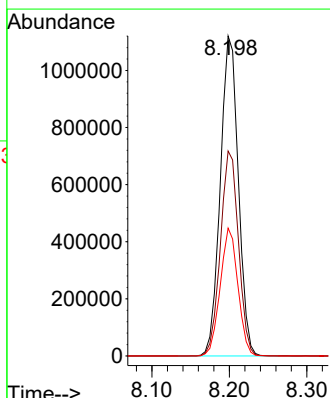
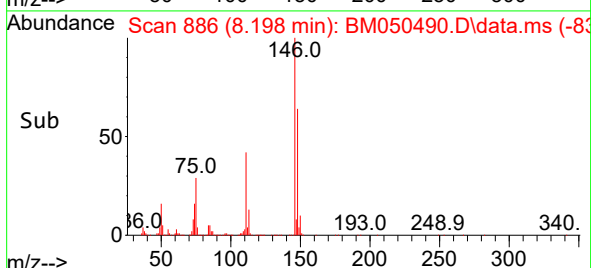
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

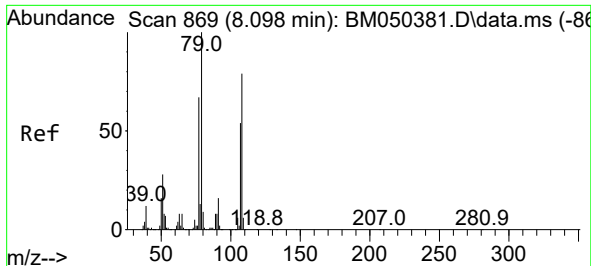


#14
1,2-Dichlorobenzene
Concen: 42.068 ng
RT: 8.198 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



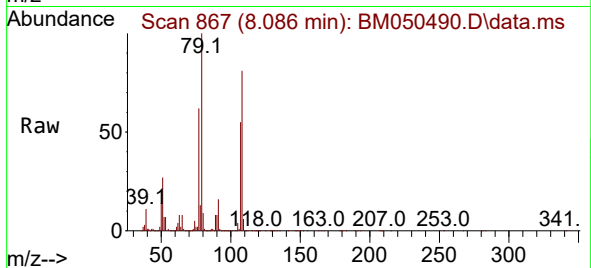
Tgt Ion:146 Resp: 1809374
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 40.0 32.6 49.0





#15
Benzyl Alcohol
Concen: 45.414 ng
RT: 8.086 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

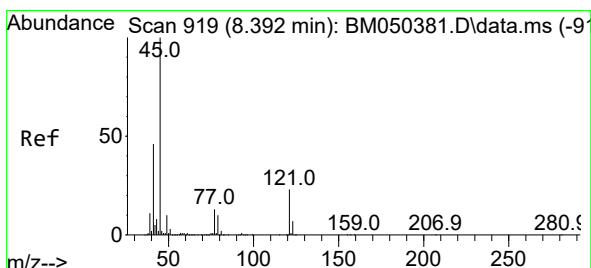
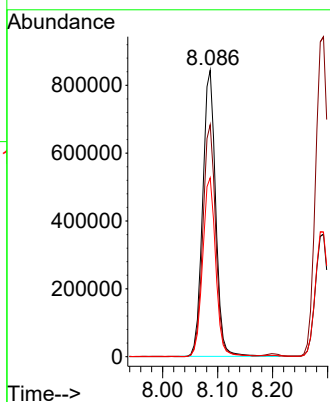
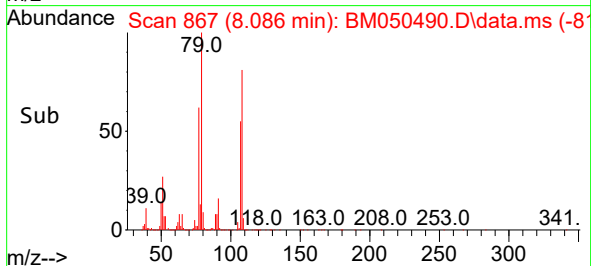
Instrument :
BNA_M
ClientSampleId :
PB168971BS



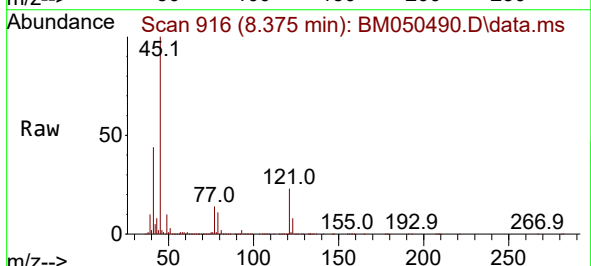
Tgt Ion: 79 Resp: 1384180
Ion Ratio Lower Upper
79 100
108 81.0 63.0 94.4
77 62.4 53.4 80.0

Manual Integrations
APPROVED

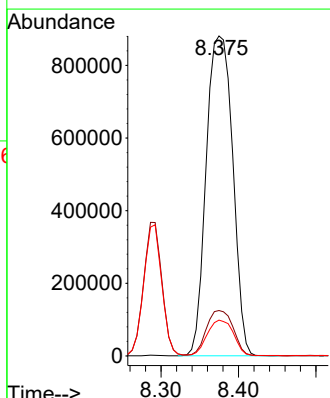
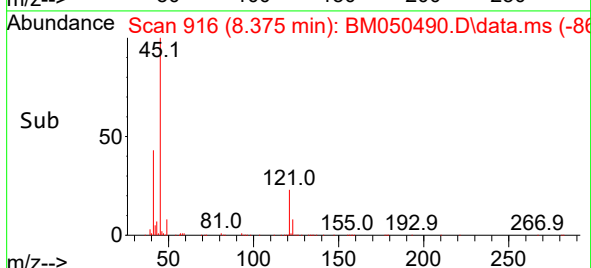
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

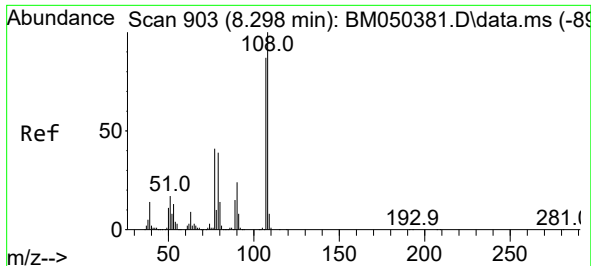


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.333 ng
RT: 8.375 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



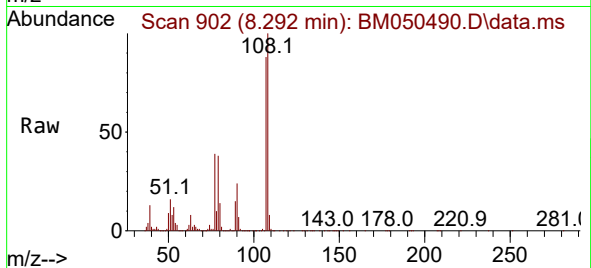
Tgt Ion: 45 Resp: 2093416
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.5
79 11.2 0.0 30.3





#17
2-Methylphenol
Concen: 45.787 ng
RT: 8.292 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

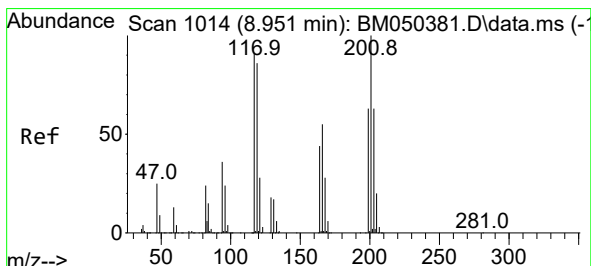
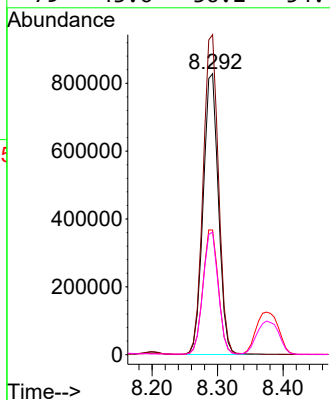
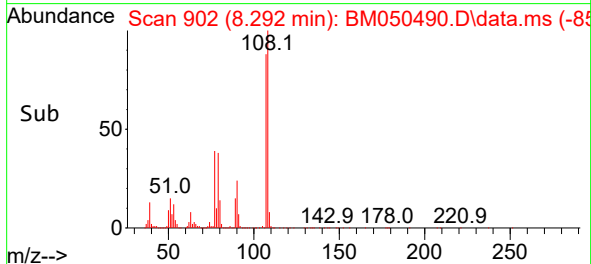
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:107 Resp: 1339858
Ion Ratio Lower Upper
107 100
108 113.9 92.1 138.1
77 44.4 38.2 57.4
79 43.6 36.2 54.4

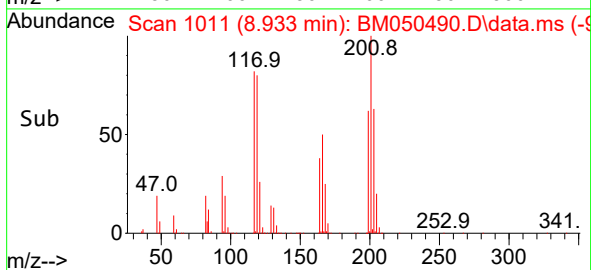
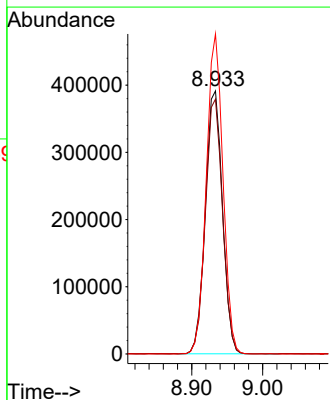
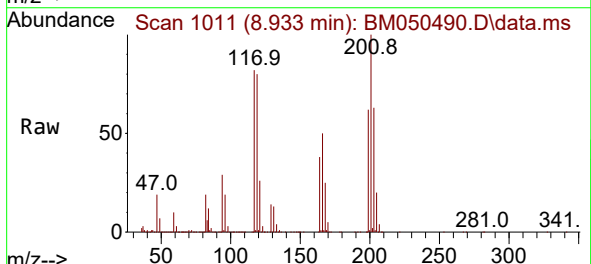
Manual Integrations
APPROVED

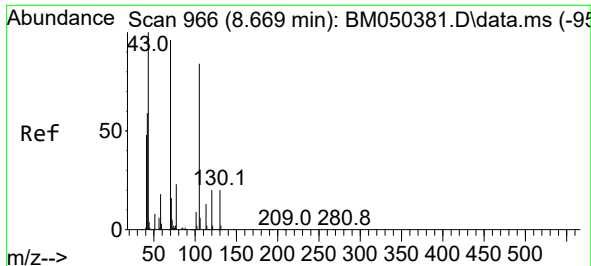
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#18
Hexachloroethane
Concen: 41.648 ng
RT: 8.933 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Tgt Ion:117 Resp: 658040
Ion Ratio Lower Upper
117 100
119 96.9 75.6 113.4
201 121.7 87.9 131.9





#19
n-Nitroso-di-n-propylamine
Concen: 43.185 ng
RT: 8.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

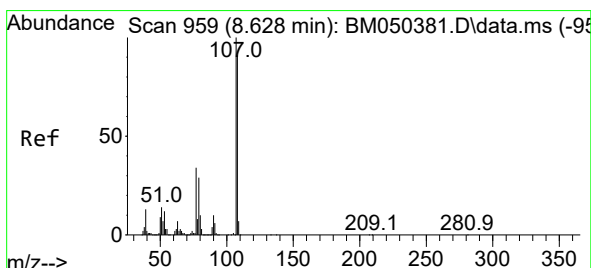
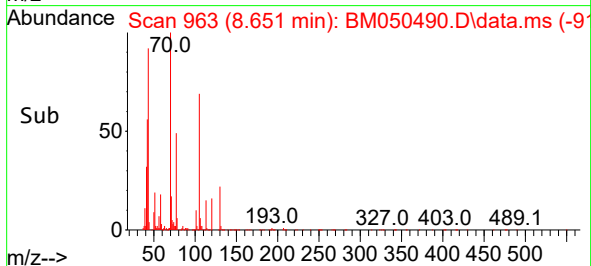
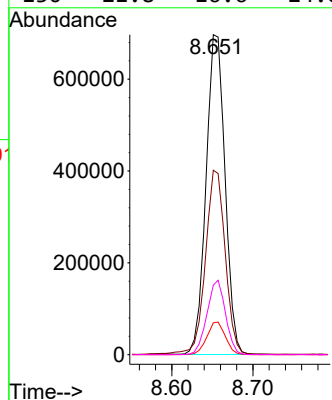
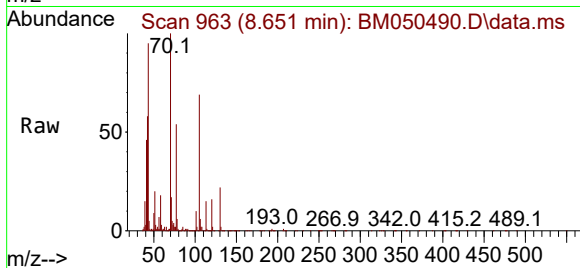
Tgt Ion: 70 Resp: 1131692
Ion Ratio Lower Upper
70 100
42 57.7 49.7 74.5
101 10.0 7.7 11.5
130 21.8 16.6 24.8

Manual Integrations

APPROVED

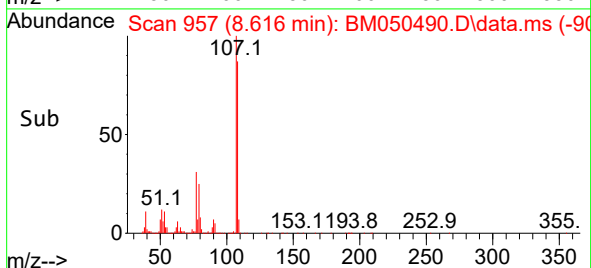
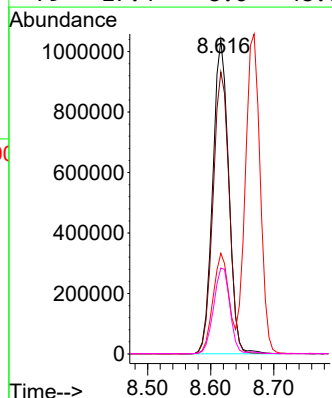
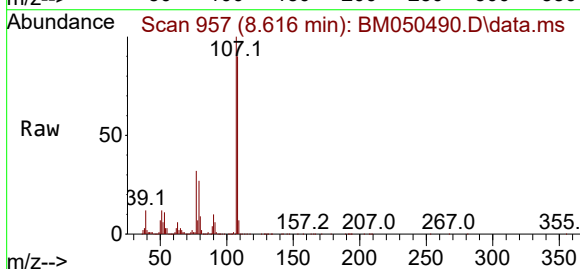
Reviewed By :Rahul Chavli 07/24/2025

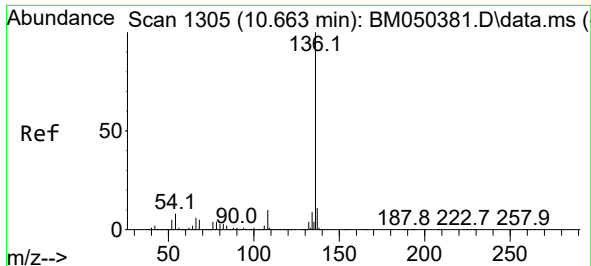
Supervised By :Jagrut Upadhyay 07/24/2025



#20
3+4-Methylphenols
Concen: 46.369 ng
RT: 8.616 min Scan# 957
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

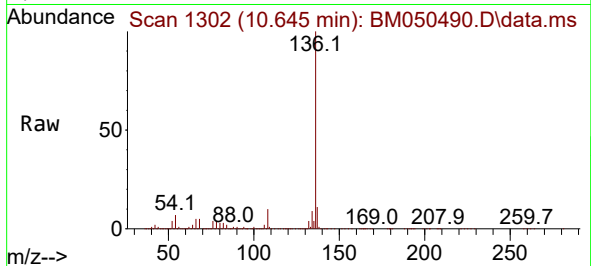
Tgt Ion:107 Resp: 1821527
Ion Ratio Lower Upper
107 100
108 90.0 71.5 111.5
77 32.1 13.7 53.7
79 27.4 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

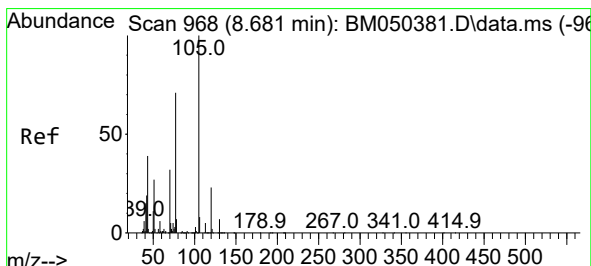
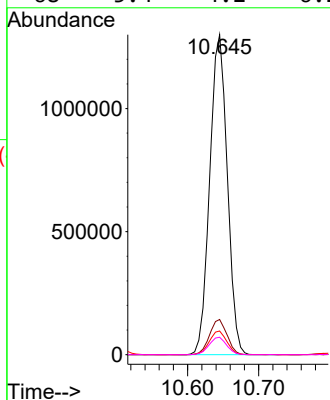
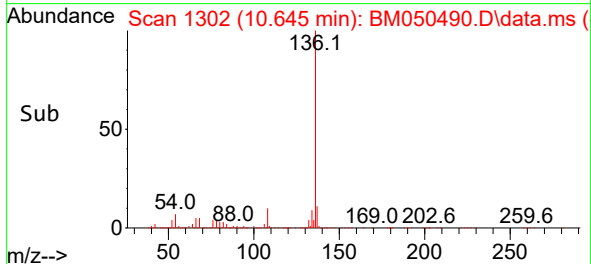
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:136 Resp: 222847
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 6.3 9.5
68 5.4 4.2 6.2

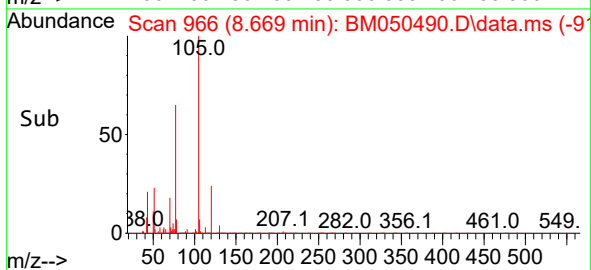
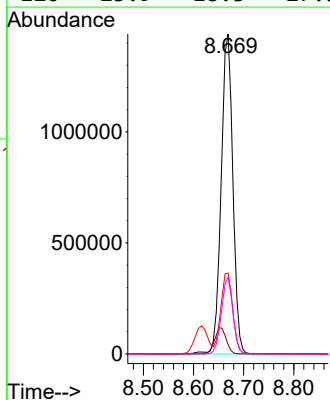
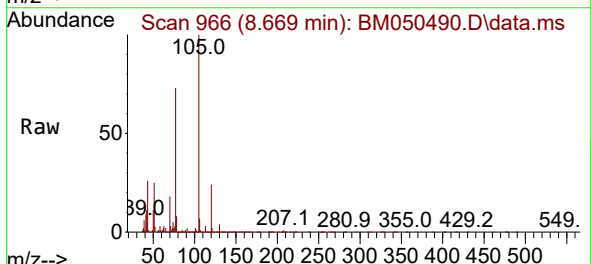
Manual Integrations
APPROVED

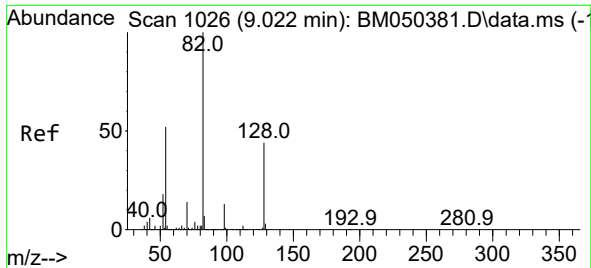
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#22
Acetophenone
Concen: 41.913 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

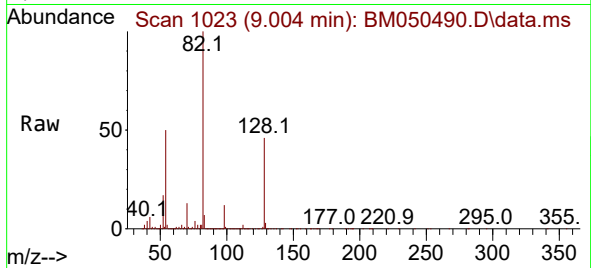
Tgt Ion:105 Resp: 2335292
Ion Ratio Lower Upper
105 100
71 2.9 4.4 6.6#
51 25.3 23.0 34.6
120 23.9 18.3 27.5





#23
Nitrobenzene-d5
Concen: 73.876 ng
RT: 9.004 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

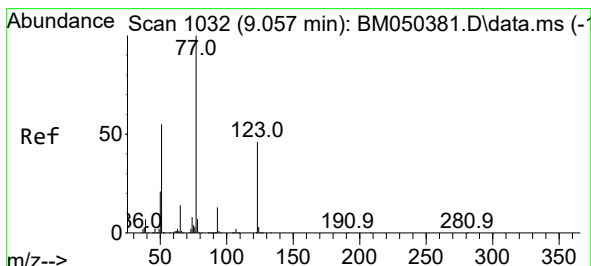
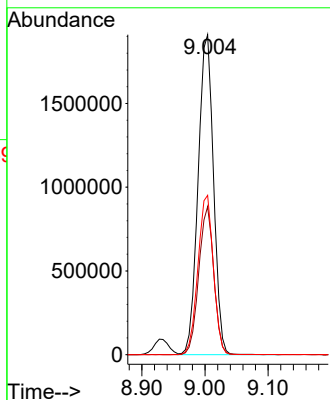
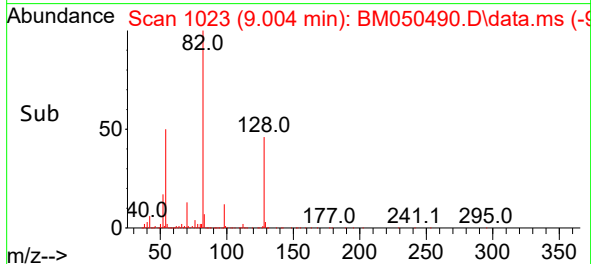
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion: 82 Resp: 322691
Ion Ratio Lower Upper
82 100
128 46.3 35.2 52.8
54 49.8 41.5 62.3

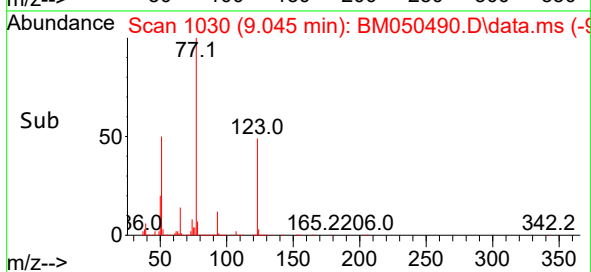
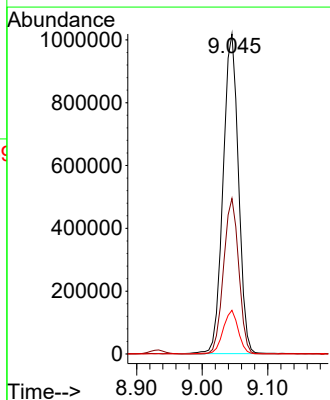
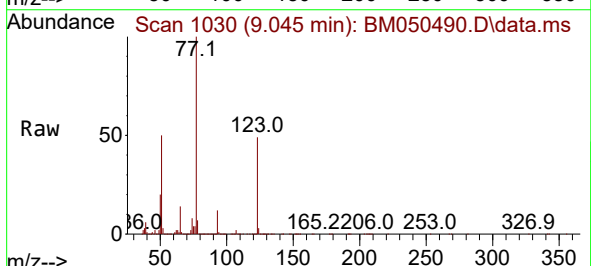
Manual Integrations
APPROVED

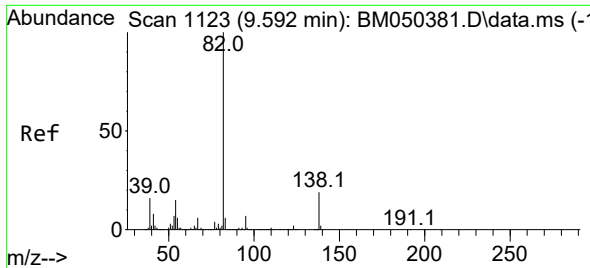
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#24
Nitrobenzene
Concen: 42.428 ng
RT: 9.045 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

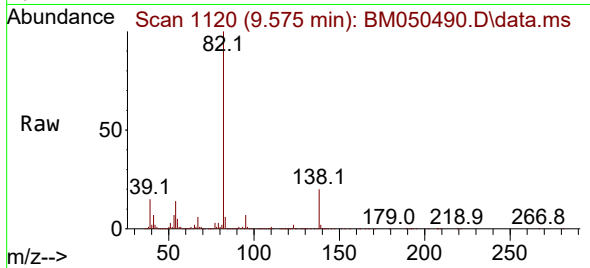
Tgt Ion: 77 Resp: 1653749
Ion Ratio Lower Upper
77 100
123 48.6 37.0 55.6
65 13.7 11.0 16.4





#25
Isophorone
Concen: 44.087 ng
RT: 9.575 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

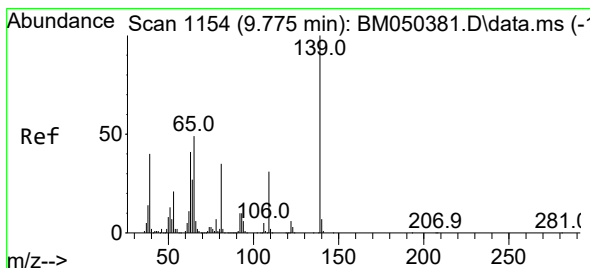
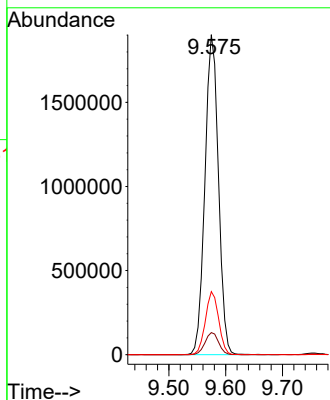
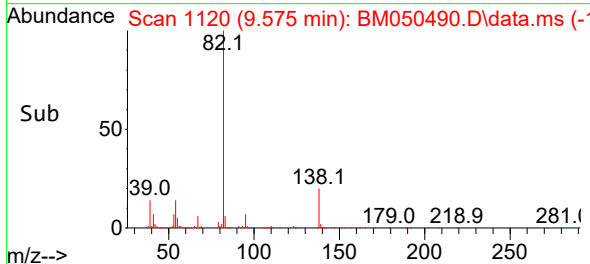
Instrument :
BNA_M
ClientSampleId :
PB168971BS



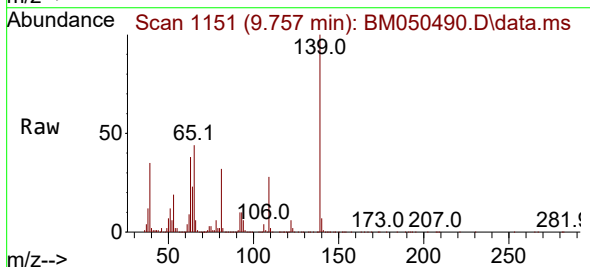
Tgt Ion: 82 Resp: 3124830
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.7 15.3 22.9

Manual Integrations
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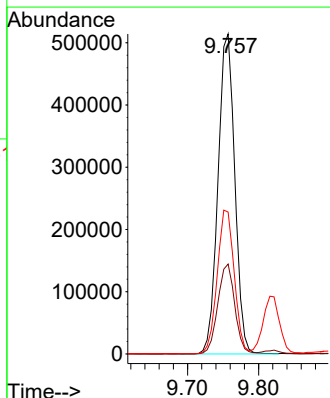
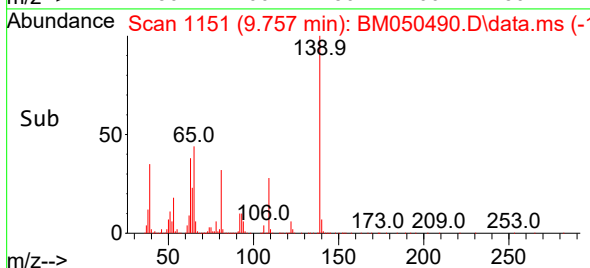
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

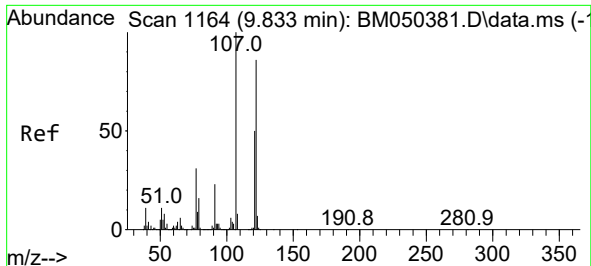


#26
2-Nitrophenol
Concen: 52.938 ng
RT: 9.757 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



Tgt Ion:139 Resp: 840977
Ion Ratio Lower Upper
139 100
109 28.1 24.6 36.8
65 44.3 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 46.331 ng

RT: 9.816 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:122 Resp: 156616

Ion Ratio Lower Upper

122 100

107 110.5 93.0 139.6

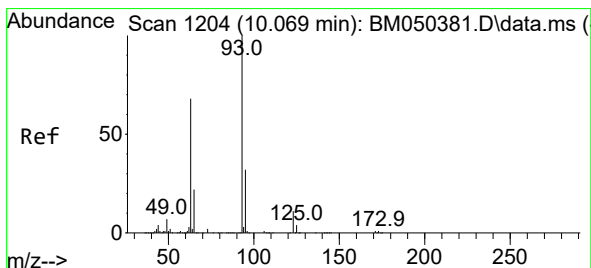
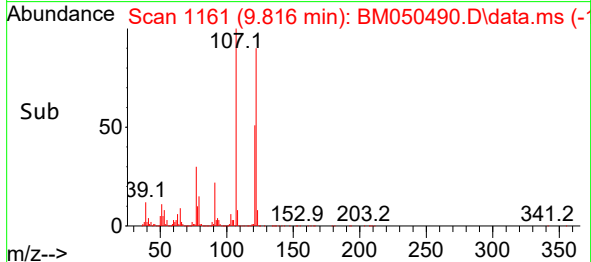
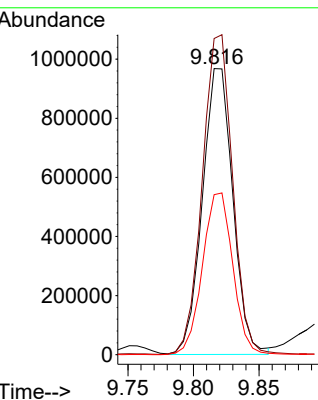
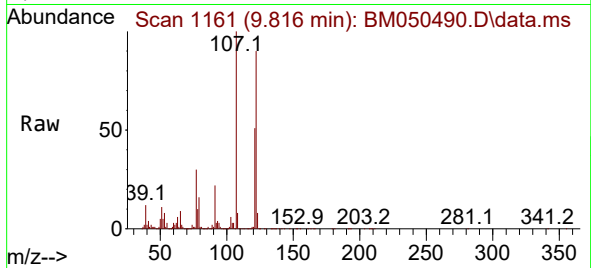
121 55.9 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.863 ng

RT: 10.051 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

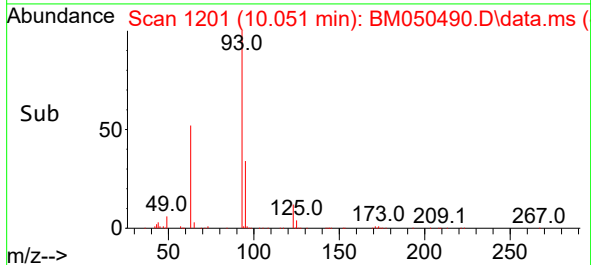
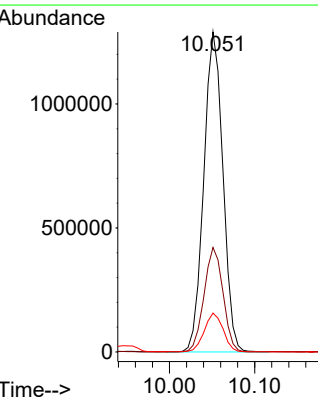
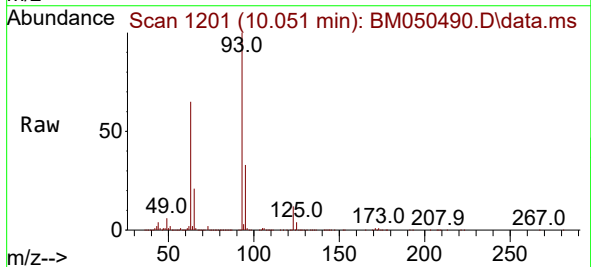
Tgt Ion: 93 Resp: 2013091

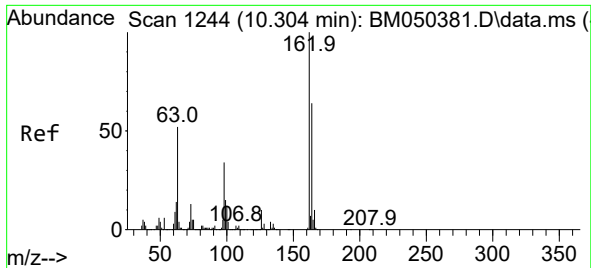
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.2 9.1 13.7





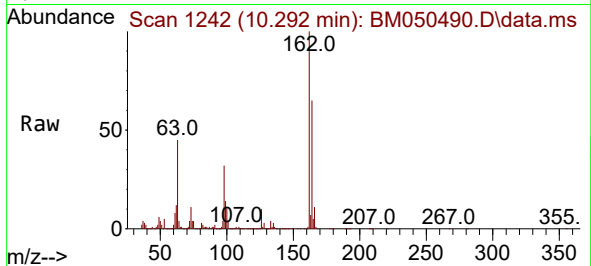
#29
2,4-Dichlorophenol
Concen: 48.193 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS



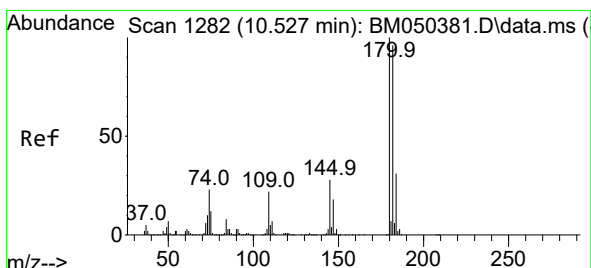
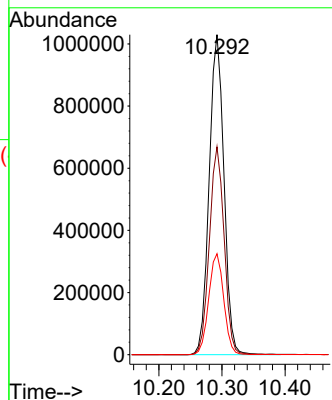
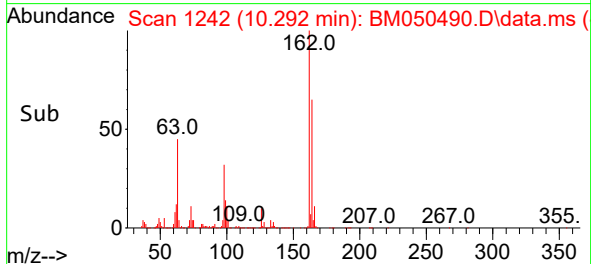
Tgt Ion:162 Resp: 167368
Ion Ratio Lower Upper
162 100
164 65.0 43.7 83.7
98 31.5 13.7 53.7

Manual Integrations

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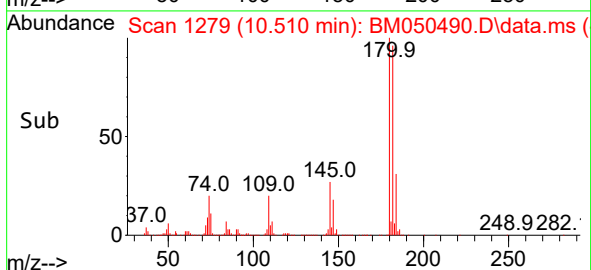
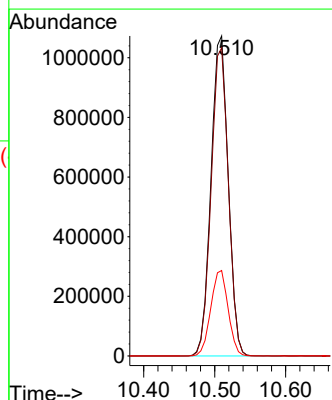
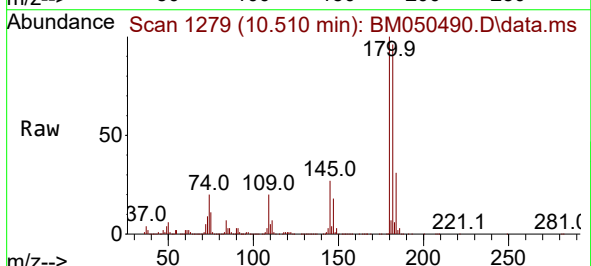
Reviewed By :Rahul Chavli 07/24/2025

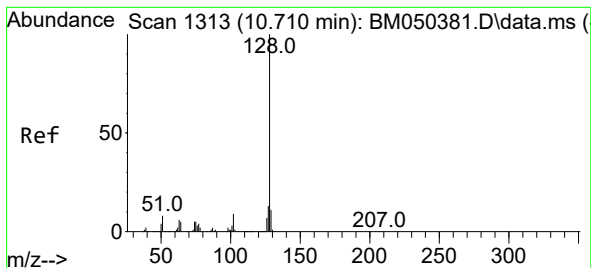
Supervised By :Jagrut Upadhyay 07/24/2025



#30
1,2,4-Trichlorobenzene
Concen: 43.544 ng
RT: 10.510 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

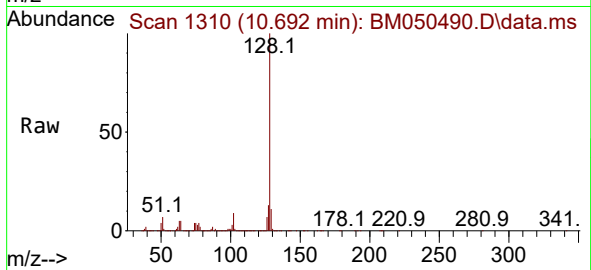
Tgt Ion:180 Resp: 1809049
Ion Ratio Lower Upper
180 100
182 96.3 76.8 115.2
145 26.7 22.6 33.8





#31
Naphthalene
Concen: 42.611 ng
RT: 10.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

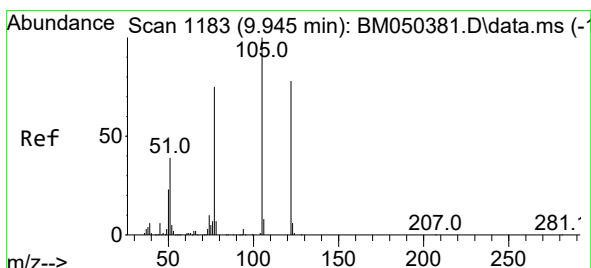
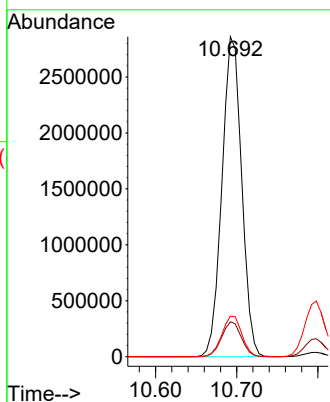
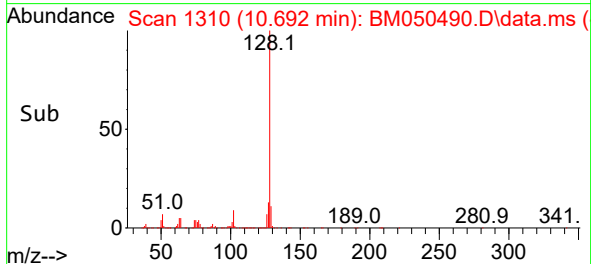
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:128 Resp: 482311
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.6 10.4 15.6

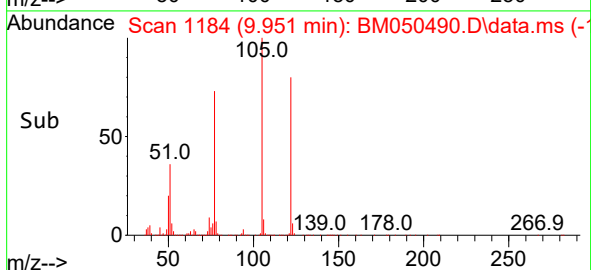
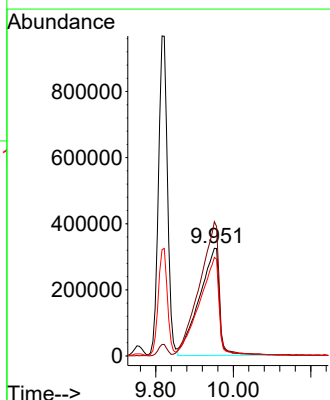
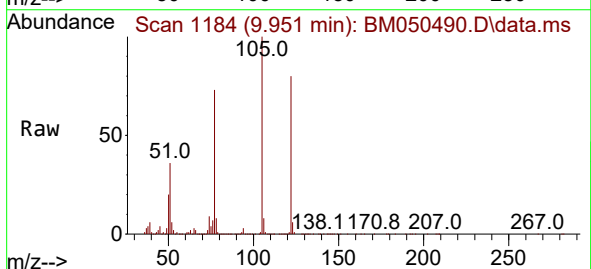
Manual Integrations
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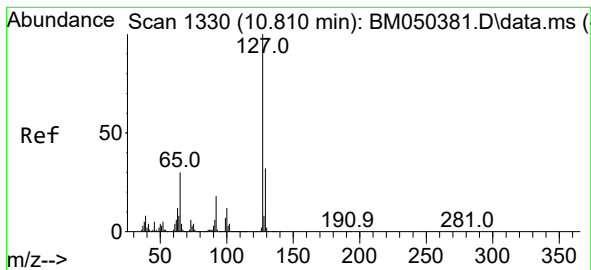
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#32
Benzoic acid
Concen: 55.121 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.018 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Tgt Ion:122 Resp: 1164717
Ion Ratio Lower Upper
122 100
105 124.5 104.0 144.0
77 91.4 73.8 113.8





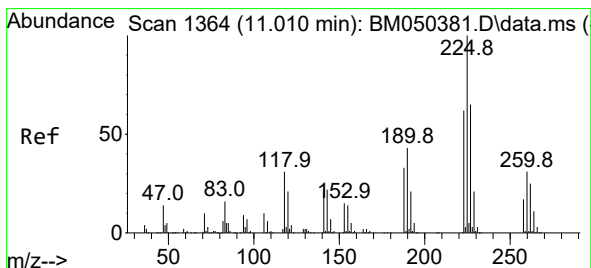
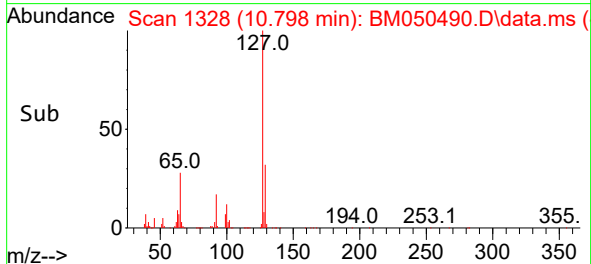
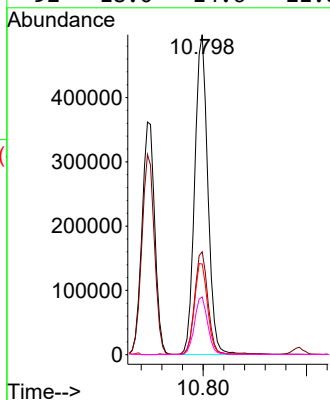
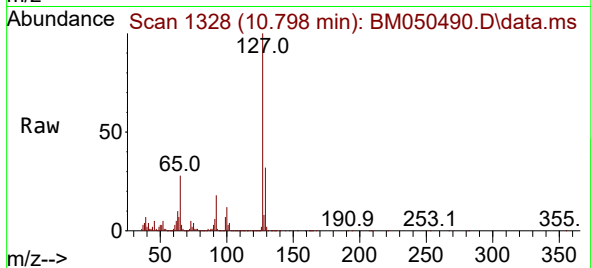
#33
4-Chloroaniline
Concen: 18.313 ng
RT: 10.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Instrument :
BNA_M
ClientSampleId :
PB168971BS

Tgt Ion:127 Resp: 876320
Ion Ratio Lower Upper
127 100
129 32.2 25.5 38.3
65 28.3 23.9 35.9
92 18.0 14.6 21.8

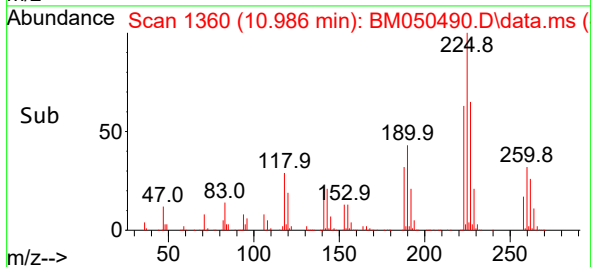
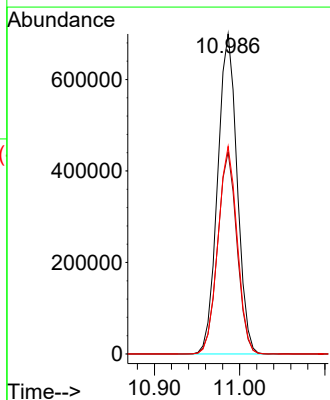
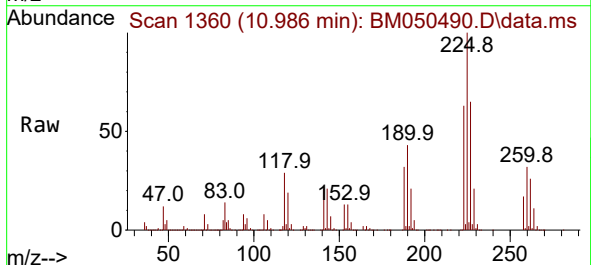
Manual Integrations
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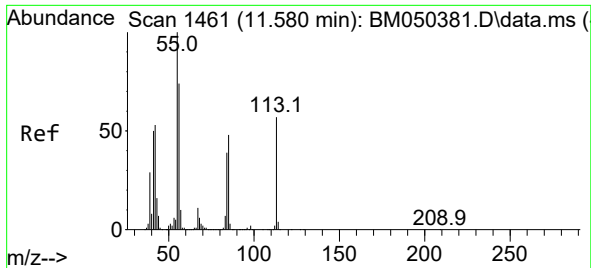
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#34
Hexachlorobutadiene
Concen: 43.803 ng
RT: 10.986 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

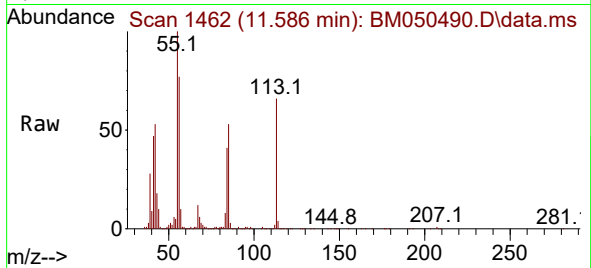
Tgt Ion:225 Resp: 1110685
Ion Ratio Lower Upper
225 100
223 63.1 49.7 74.5
227 64.8 52.1 78.1





#35
Caprolactam
Concen: 50.888 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

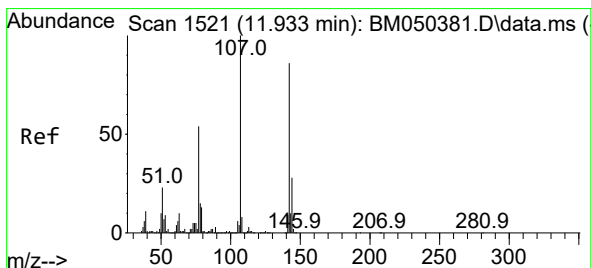
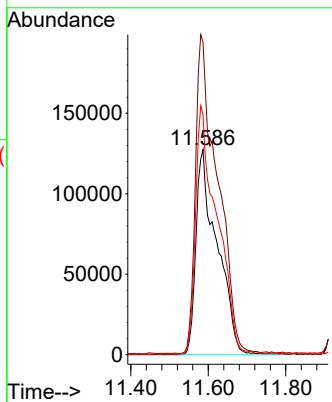
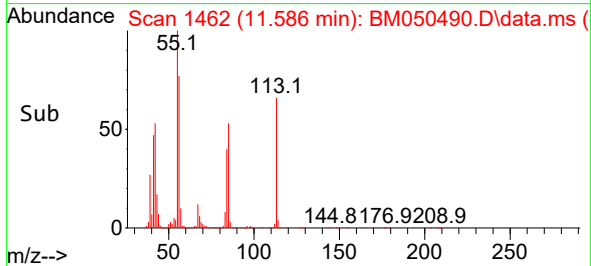
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:113 Resp: 482444
Ion Ratio Lower Upper
113 100
55 152.4 157.2 197.2
56 116.9 111.7 151.7

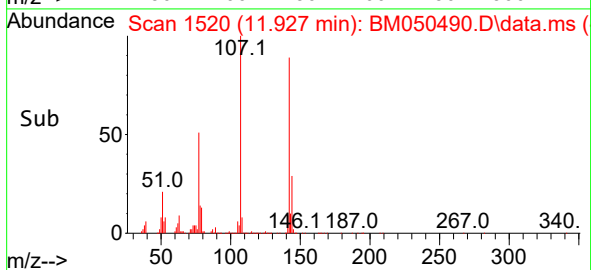
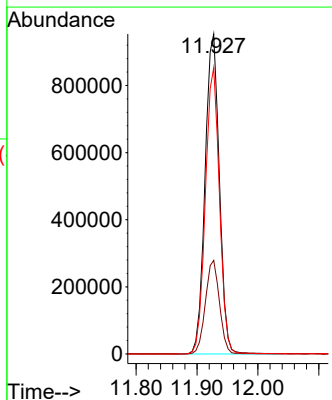
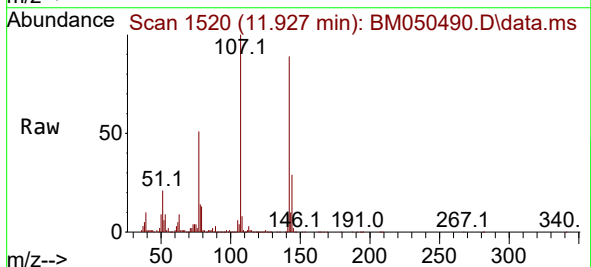
Manual Integrations
APPROVED

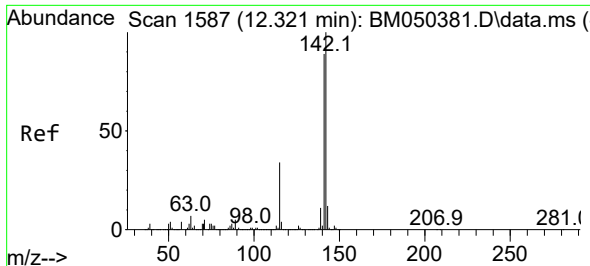
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#36
4-Chloro-3-methylphenol
Concen: 47.991 ng
RT: 11.927 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

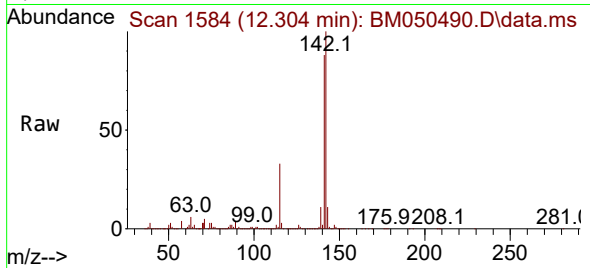
Tgt Ion:107 Resp: 1556354
Ion Ratio Lower Upper
107 100
144 29.2 22.2 33.4
142 89.4 68.7 103.1





#37
2-Methylnaphthalene
Concen: 44.711 ng
RT: 12.304 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

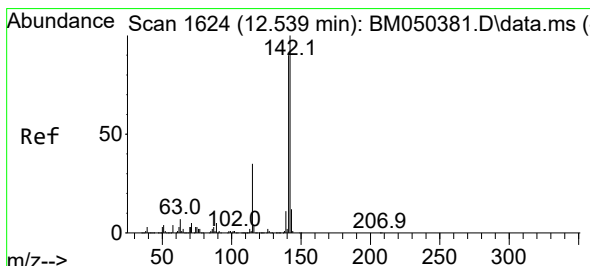
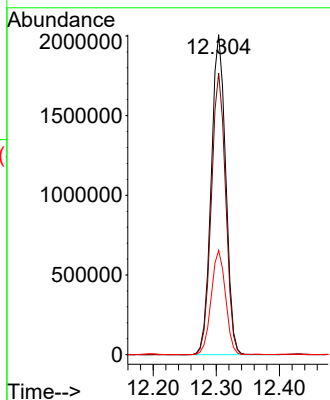
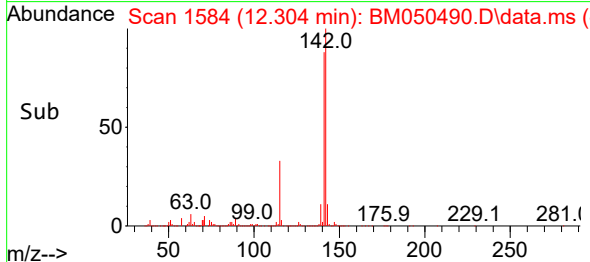
Instrument :
BNA_M
ClientSampleId :
PB168971BS



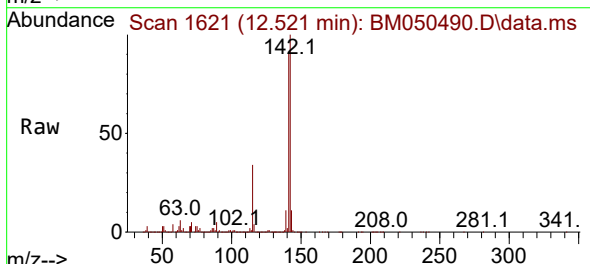
Tgt Ion:142 Resp: 319545
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 32.6 27.0 40.4

Manual Integrations
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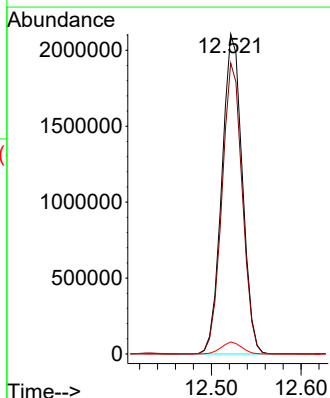
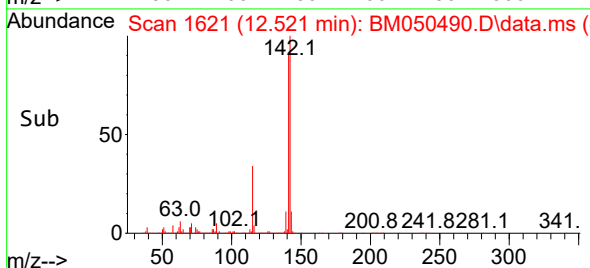
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

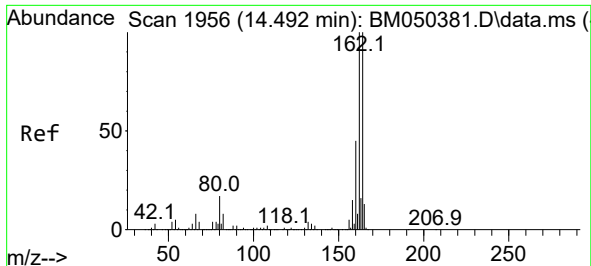


#38
1-Methylnaphthalene
Concen: 44.053 ng
RT: 12.521 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



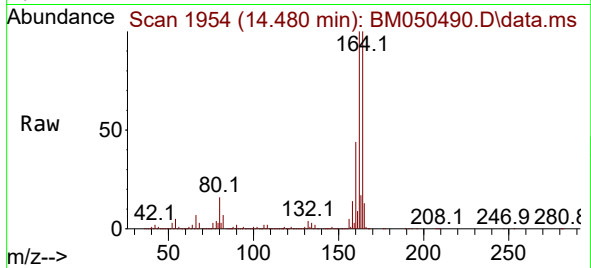
Tgt Ion:142 Resp: 3331975
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9
116 3.7 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

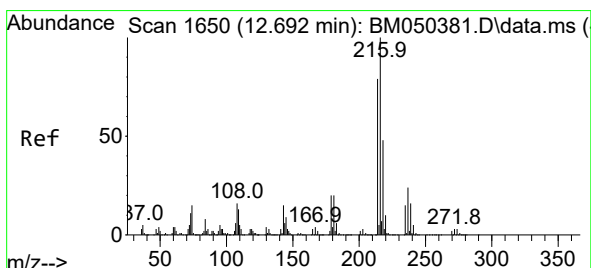
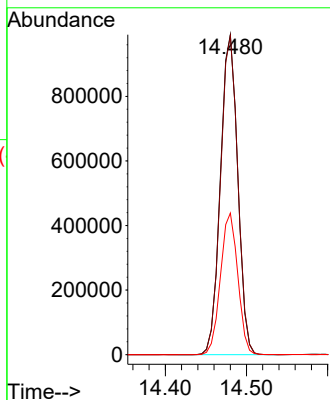
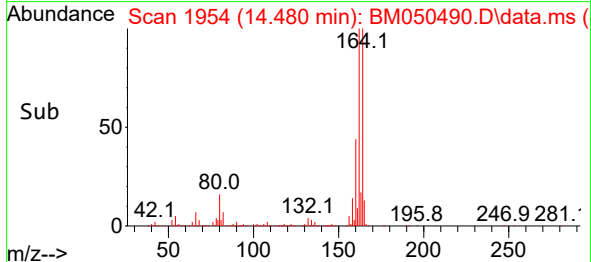
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:164 Resp: 1470138
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 44.2 36.2 54.4

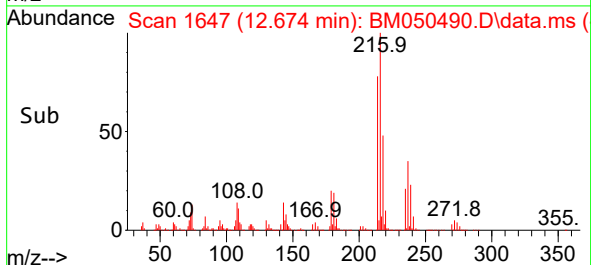
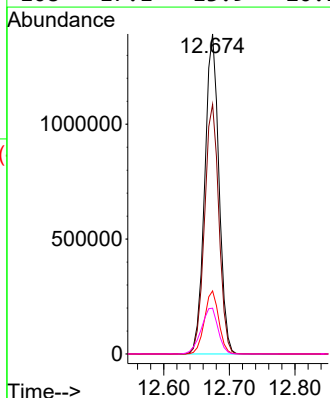
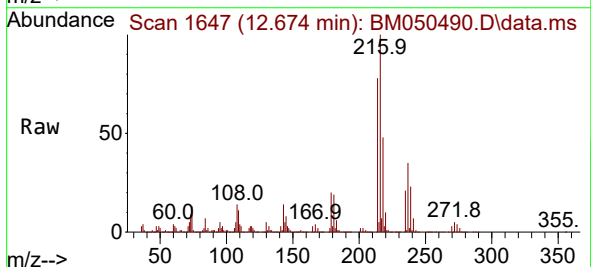
Manual Integrations
APPROVED

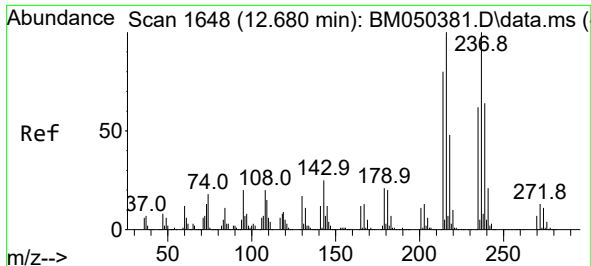
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.901 ng
RT: 12.674 min Scan# 1647
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

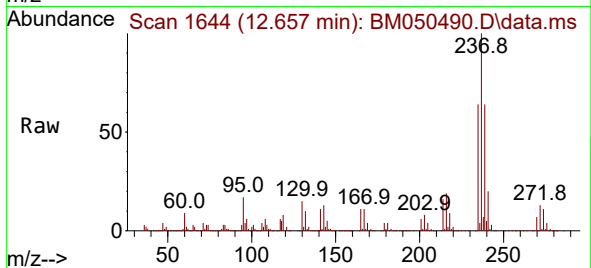
Tgt Ion:216 Resp: 2099192
Ion Ratio Lower Upper
216 100
214 78.7 63.3 94.9
179 19.8 16.4 24.6
108 17.1 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 91.138 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

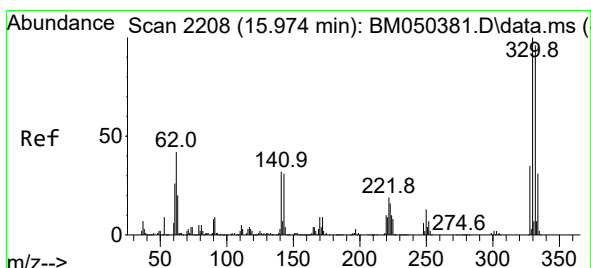
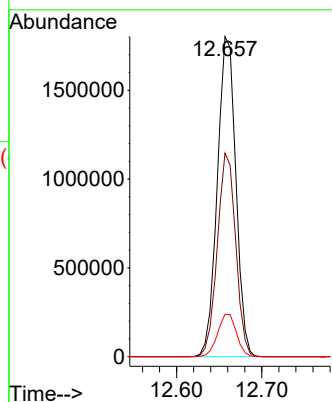
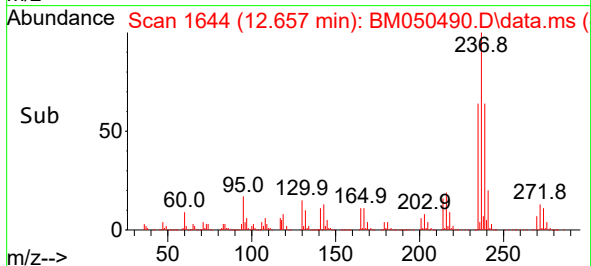
Instrument :
BNA_M
ClientSampleId :
PB168971BS



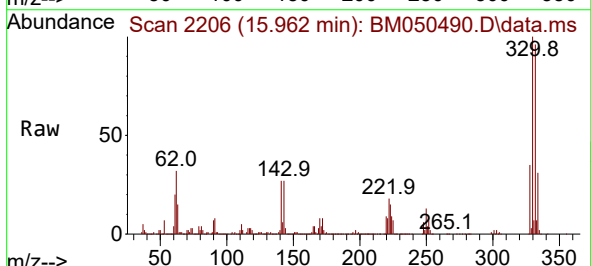
Tgt Ion:237 Resp: 272358
Ion Ratio Lower Upper
237 100
235 63.6 42.3 82.3
272 13.3 0.0 33.0

Manual Integrations
APPROVED

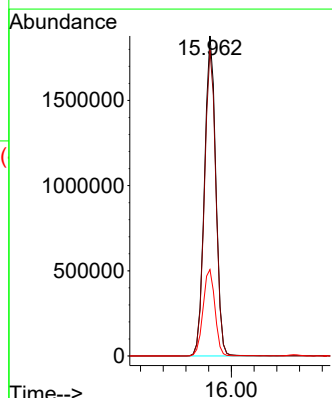
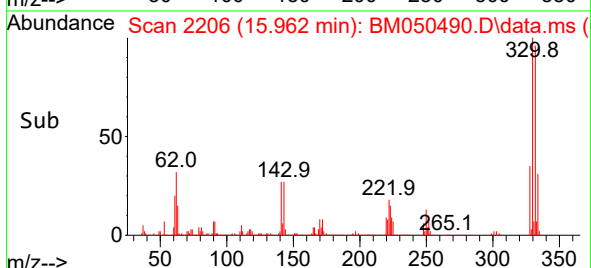
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

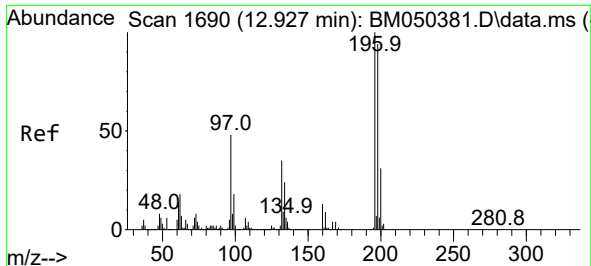


#42
2,4,6-Tribromophenol
Concen: 145.294 ng
RT: 15.962 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



Tgt Ion:330 Resp: 2595280
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 28.3 27.4 41.0





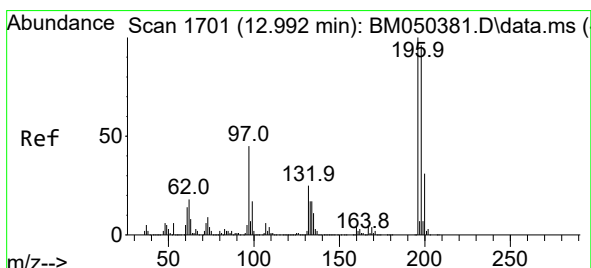
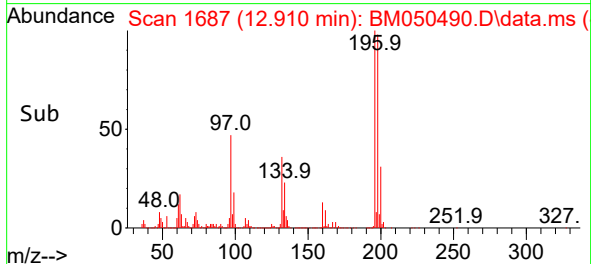
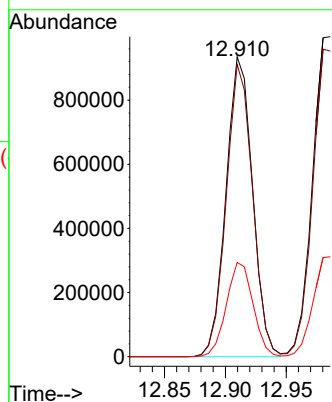
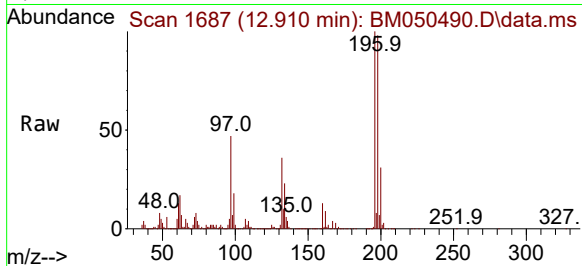
#43
2,4,6-Trichlorophenol
Concen: 49.251 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Instrument :
BNA_M
ClientSampleId :
PB168971BS

Tgt Ion:196 Resp: 141732
Ion Ratio Lower Upper
196 100
198 97.5 75.1 112.7
200 31.4 24.6 37.0

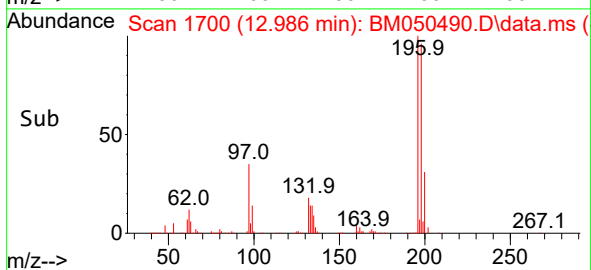
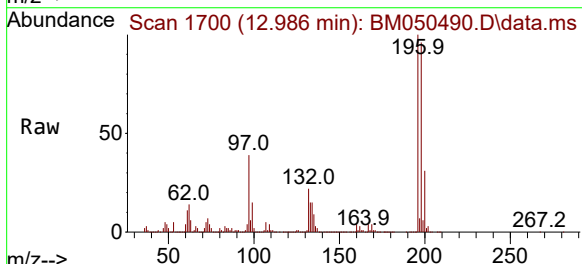
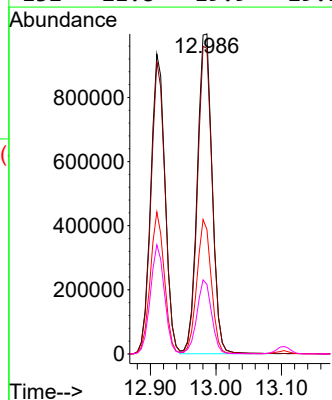
Manual Integrations
APPROVED

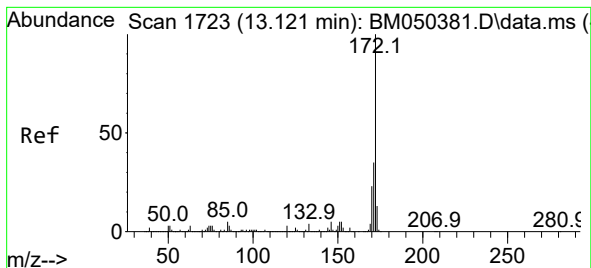
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#44
2,4,5-Trichlorophenol
Concen: 50.243 ng
RT: 12.986 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Tgt Ion:196 Resp: 1579059
Ion Ratio Lower Upper
196 100
198 95.5 77.2 115.8
97 38.9 36.2 54.4
132 21.8 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 72.280 ng

RT: 13.104 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:172 Resp: 8604670

Ion Ratio Lower Upper

172 100

171 35.3 27.7 41.5

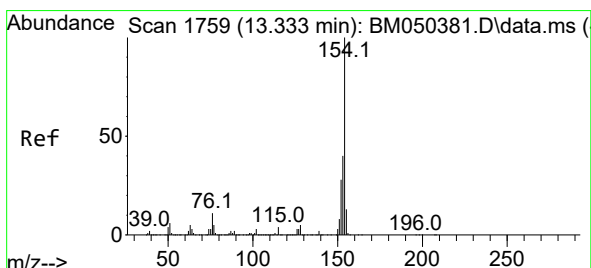
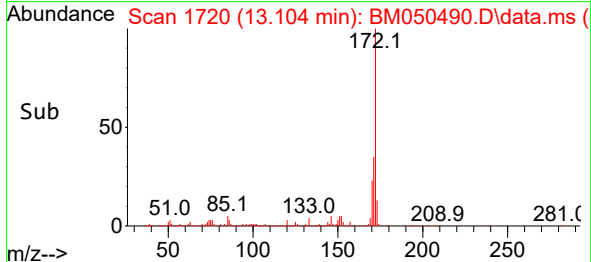
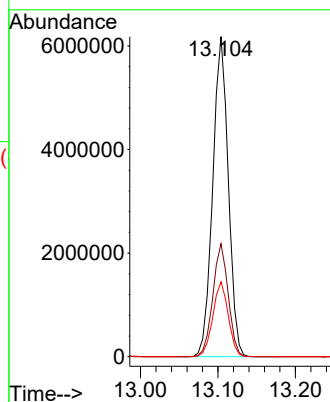
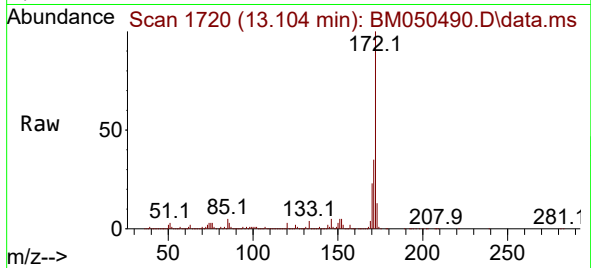
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#46

1,1'-Biphenyl

Concen: 42.969 ng

RT: 13.316 min Scan# 1756

Delta R.T. 0.006 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

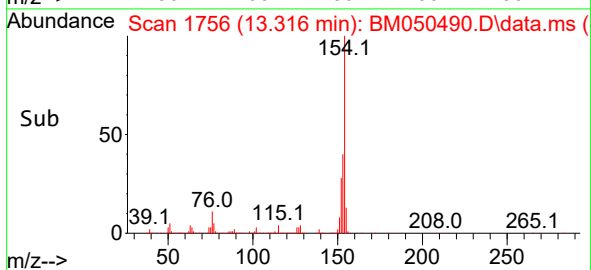
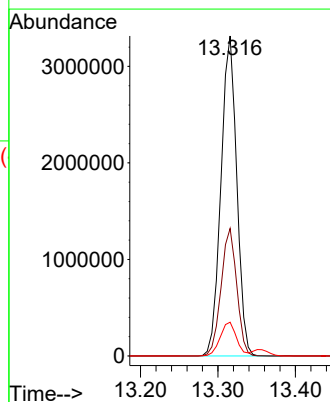
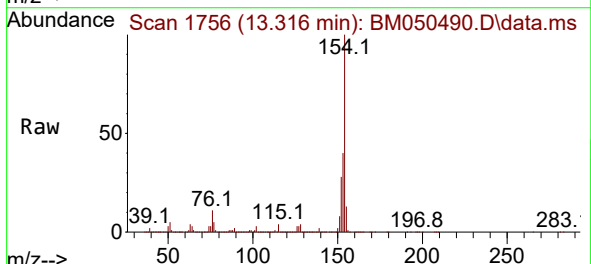
Tgt Ion:154 Resp: 4686863

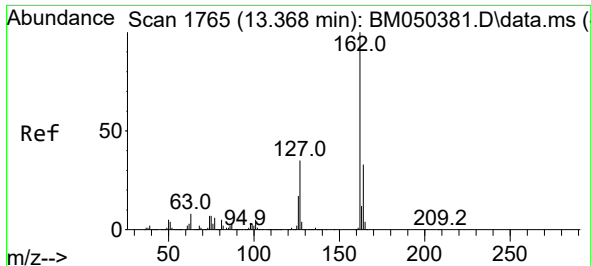
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

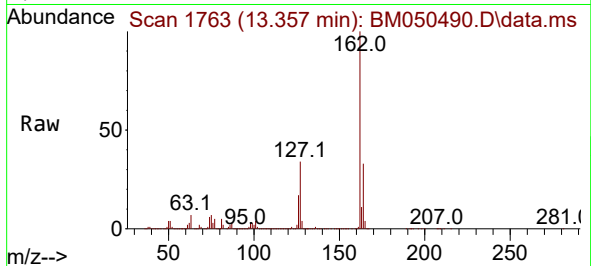
76 10.6 0.0 30.9





#47
2-Chloronaphthalene
Concen: 42.558 ng
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

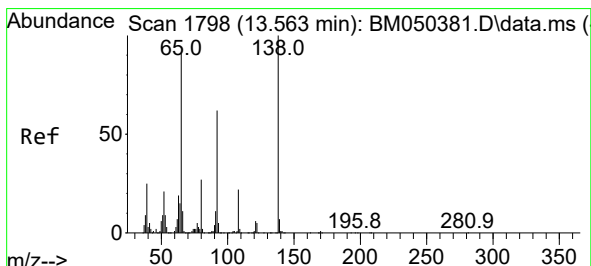
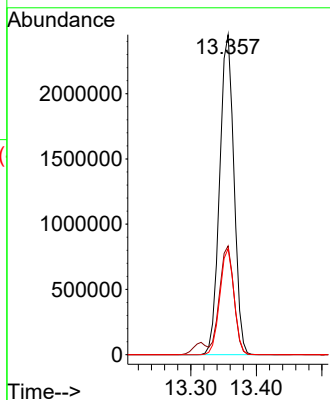
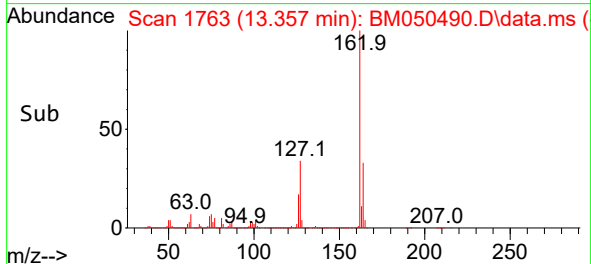
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:162 Resp: 3701114
Ion Ratio Lower Upper
162 100
127 34.0 28.3 42.5
164 33.1 26.6 40.0

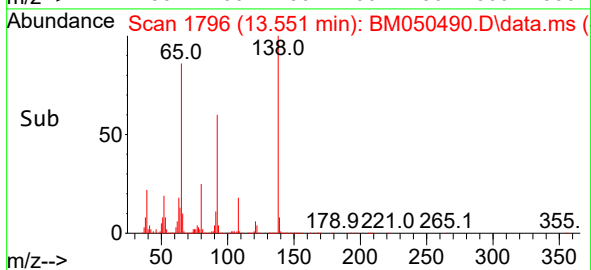
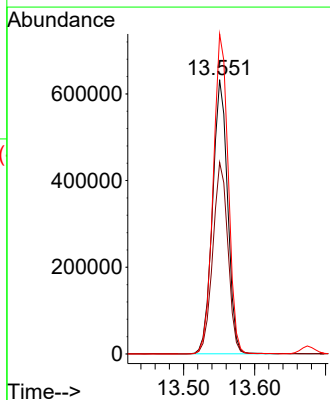
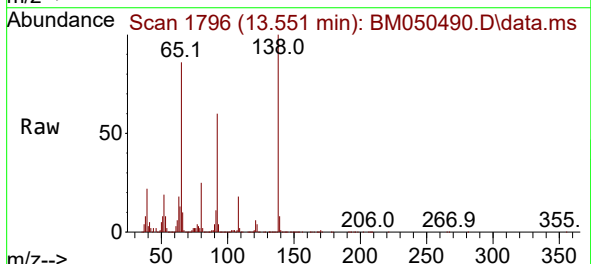
Manual Integrations
APPROVED

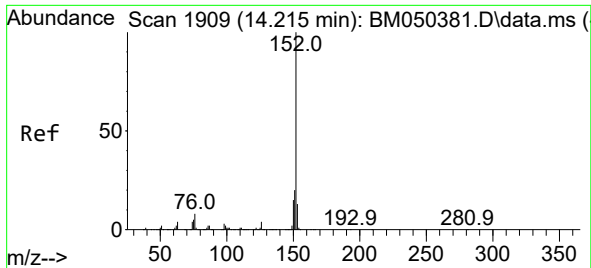
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#48
2-Nitroaniline
Concen: 47.985 ng
RT: 13.551 min Scan# 1796
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

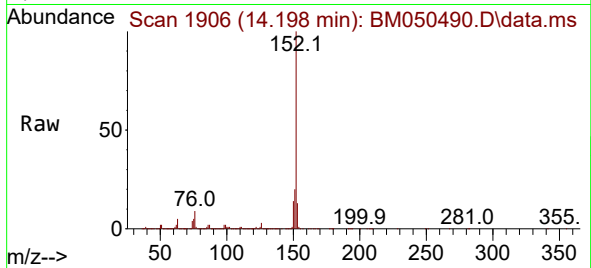
Tgt Ion: 65 Resp: 931465
Ion Ratio Lower Upper
65 100
92 69.8 54.3 81.5
138 116.7 87.8 131.6





#49
Acenaphthylene
Concen: 44.380 ng
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

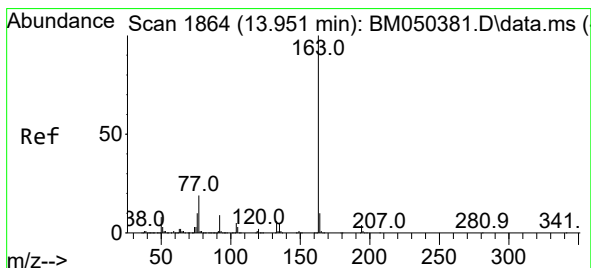
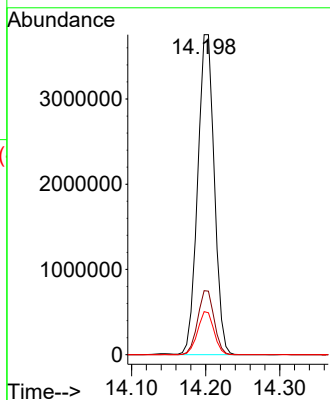
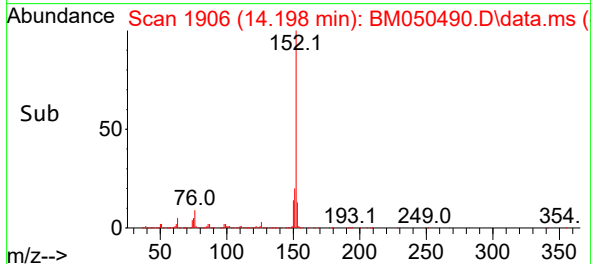
Instrument :
BNA_M
ClientSampleId :
PB168971BS



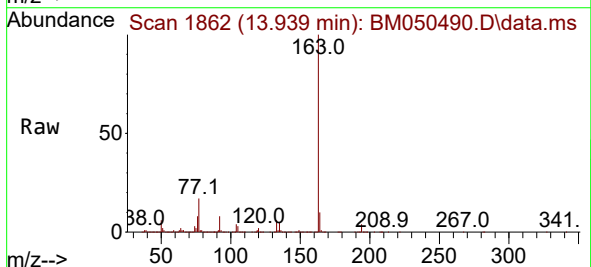
Tgt Ion:152 Resp: 5832889
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.4 10.6 15.8

Manual Integrations
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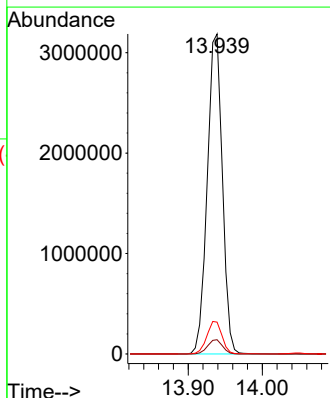
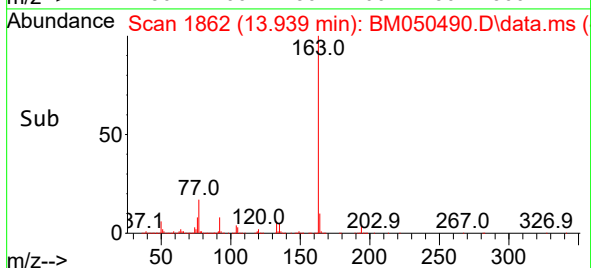
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

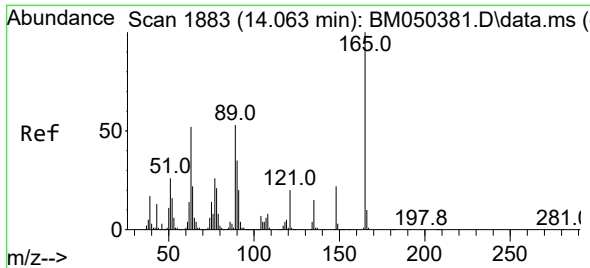


#50
Dimethylphthalate
Concen: 44.495 ng
RT: 13.939 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



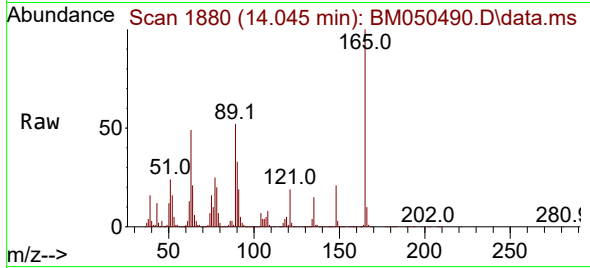
Tgt Ion:163 Resp: 4503595
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.266 ng
RT: 14.045 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

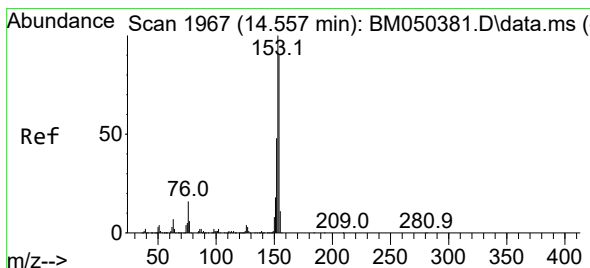
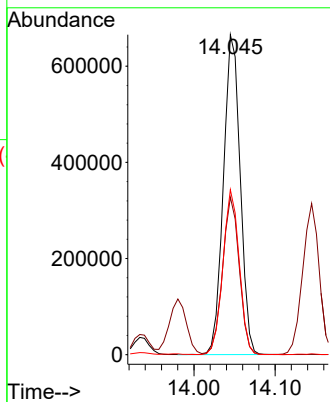
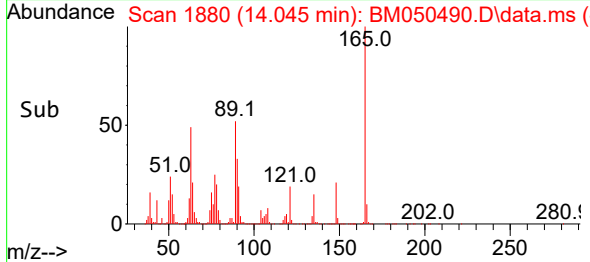
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:165 Resp: 957419
Ion Ratio Lower Upper
165 100
63 49.2 42.4 63.6
89 51.6 42.2 63.2

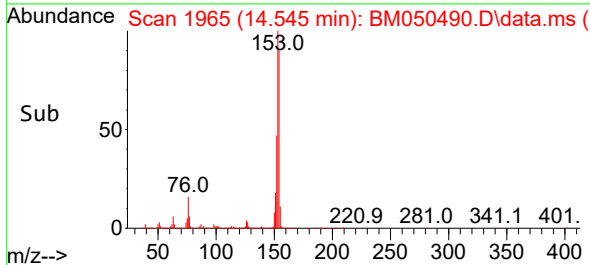
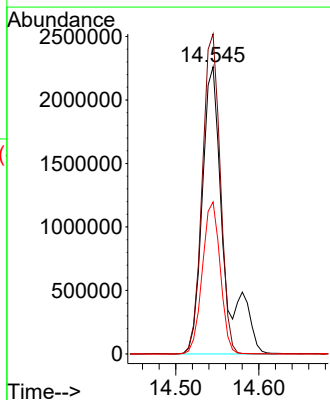
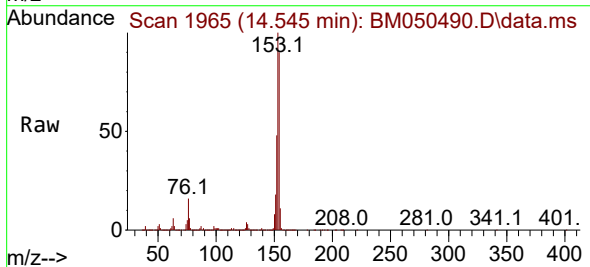
Manual Integrations
APPROVED

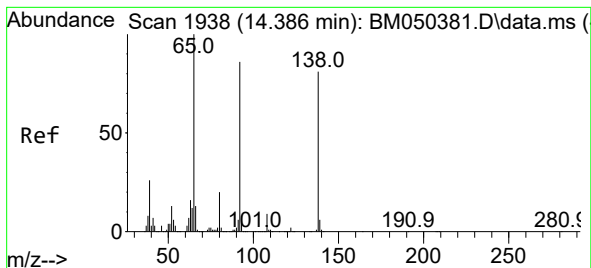
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#52
Acenaphthene
Concen: 48.444 ng m
RT: 14.545 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

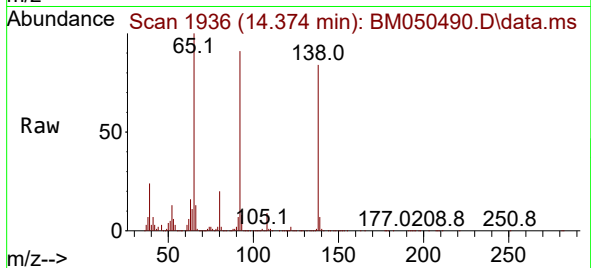
Tgt Ion:154 Resp: 4047863
Ion Ratio Lower Upper
154 100
153 111.4 89.2 133.8
152 52.9 42.6 64.0





#53
3-Nitroaniline
Concen: 30.789 ng
RT: 14.374 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

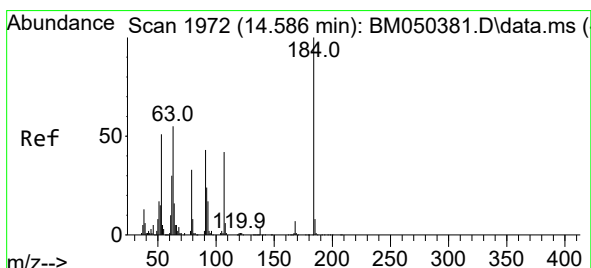
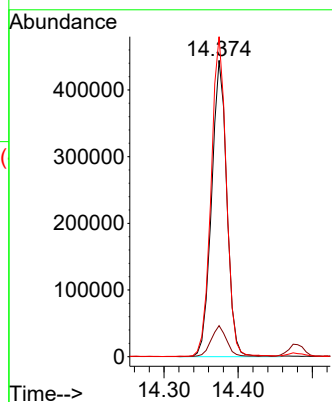
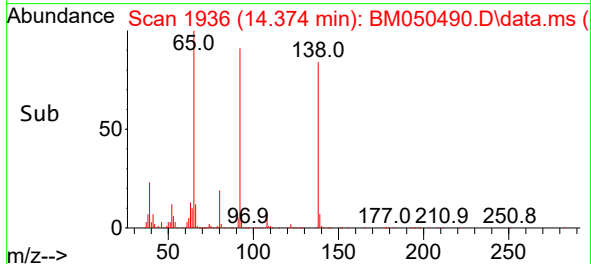
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:138 Resp: 636327
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 108.0 85.0 127.6

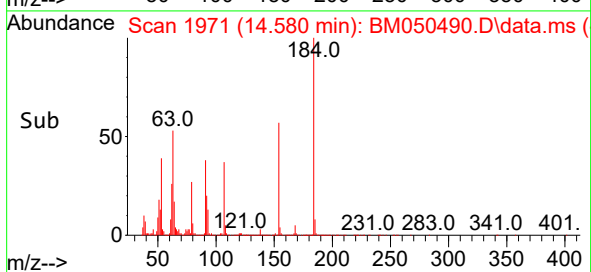
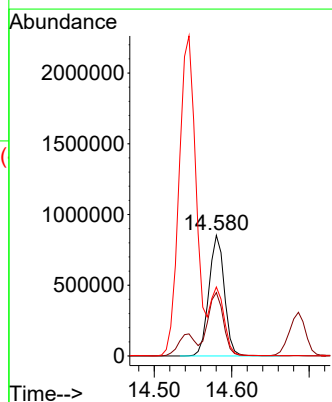
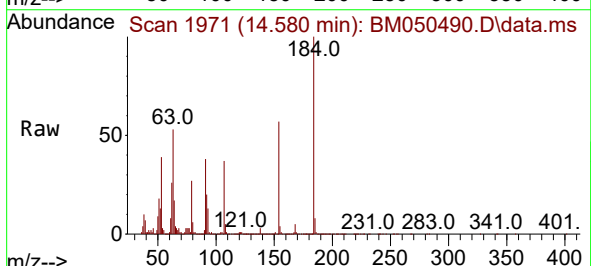
Manual Integrations
APPROVED

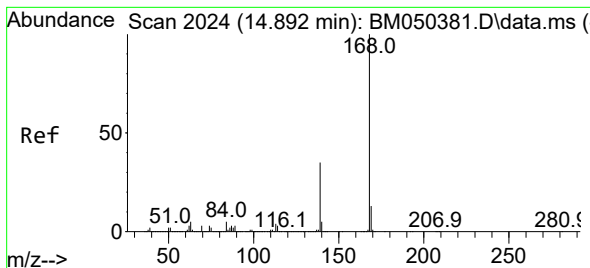
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#54
2,4-Dinitrophenol
Concen: 108.001 ng
RT: 14.580 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

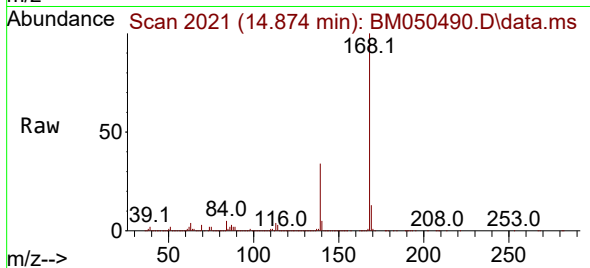
Tgt Ion:184 Resp: 1184305
Ion Ratio Lower Upper
184 100
63 52.6 53.4 80.0#
154 57.2 61.6 92.4#





#55
Dibenzenofuran
Concen: 42.707 ng
RT: 14.874 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

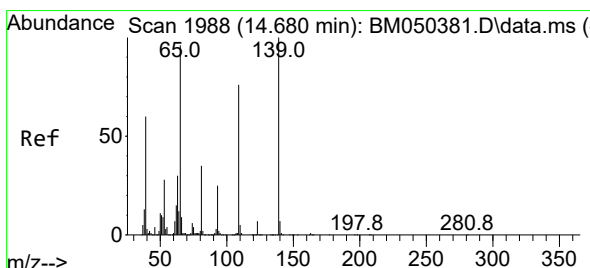
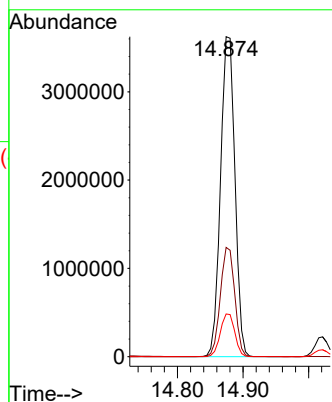
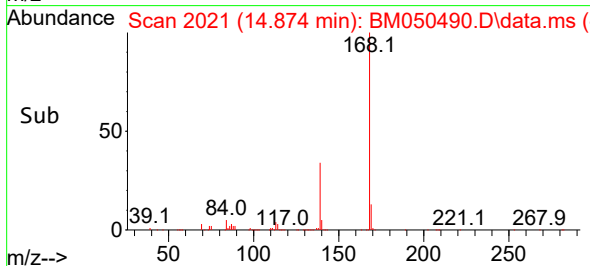
Instrument :
BNA_M
ClientSampleId :
PB168971BS



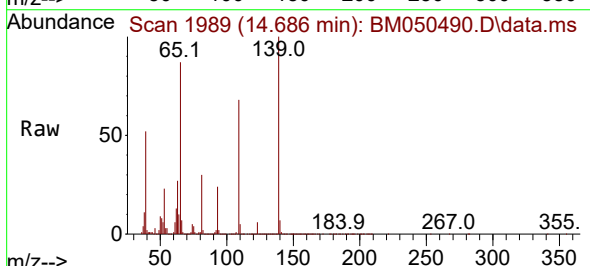
Tgt Ion:168 Resp: 5498400
Ion Ratio Lower Upper
168 100
139 34.2 27.7 41.5
169 13.4 10.7 16.1

Manual Integrations
APPROVED

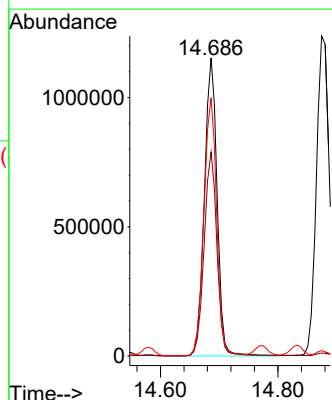
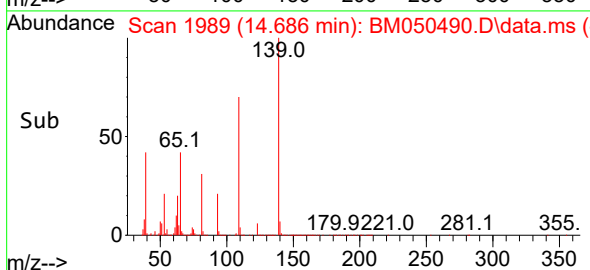
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

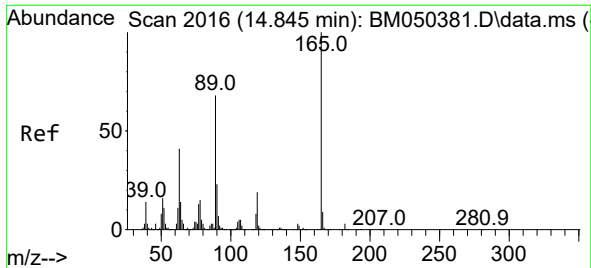


#56
4-Nitrophenol
Concen: 97.368 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



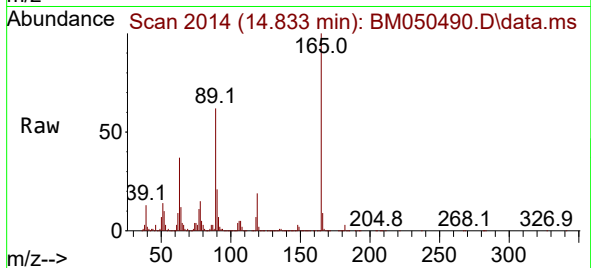
Tgt Ion:139 Resp: 1730546
Ion Ratio Lower Upper
139 100
109 68.4 56.5 96.5
65 86.6 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 46.918 ng
RT: 14.833 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

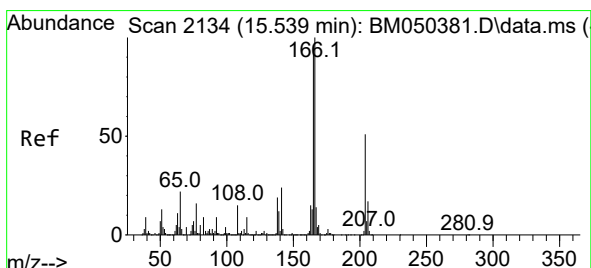
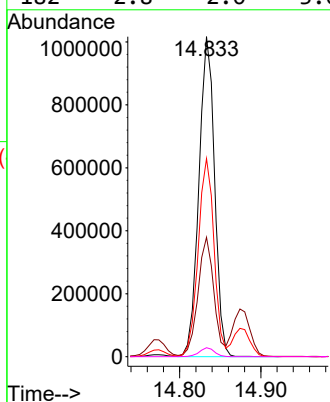
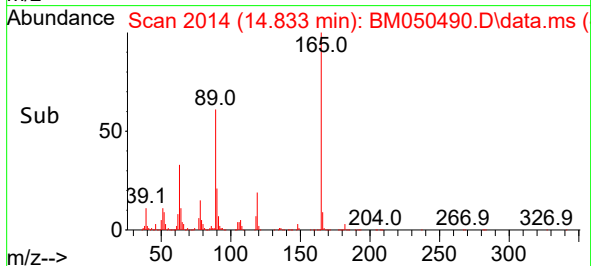
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:165 Resp: 136307
Ion Ratio Lower Upper
165 100
63 37.3 32.5 48.7
89 61.9 54.0 81.0
182 2.8 2.0 3.0

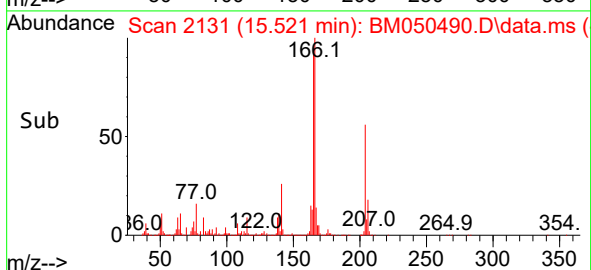
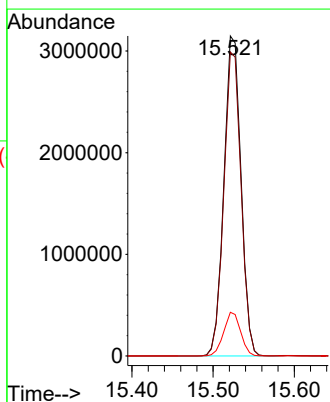
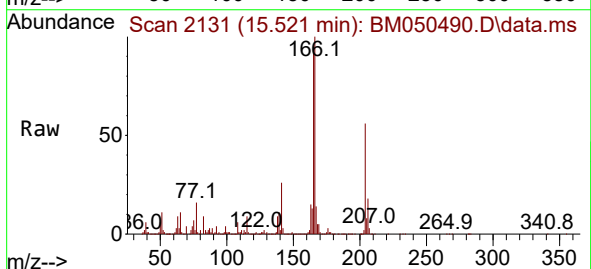
Manual Integrations
APPROVED

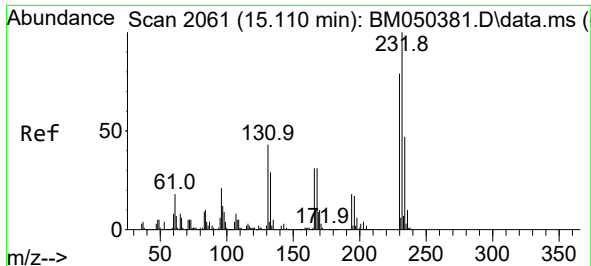
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#58
Fluorene
Concen: 43.589 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

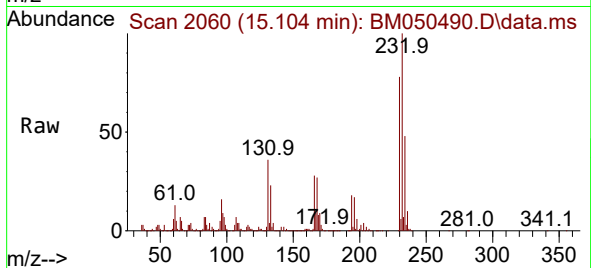
Tgt Ion:166 Resp: 4622437
Ion Ratio Lower Upper
166 100
165 95.0 77.0 115.6
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.695 ng
RT: 15.104 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

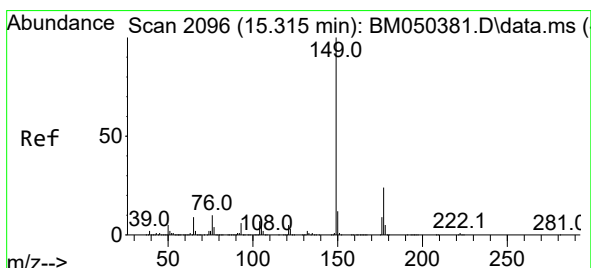
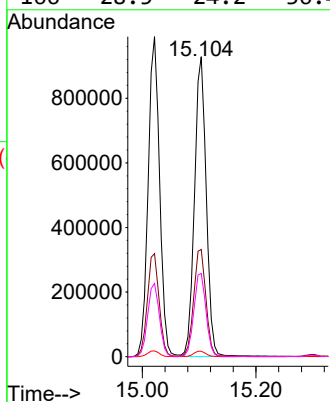
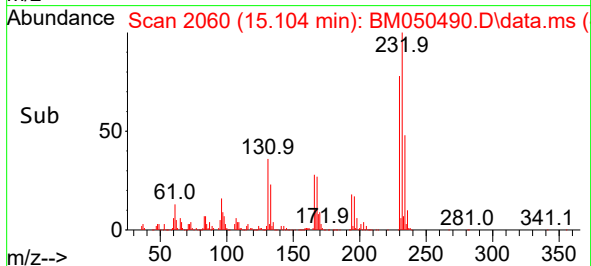
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:232 Resp: 1341210
Ion Ratio Lower Upper
232 100
131 37.2 33.4 50.0
130 2.0 1.8 2.6
166 28.5 24.2 36.4

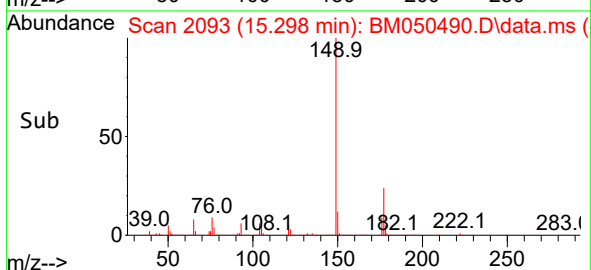
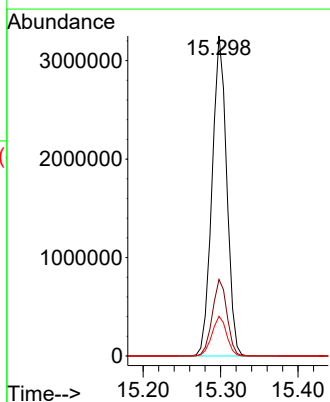
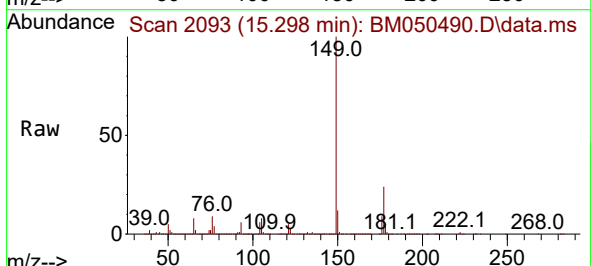
Manual Integrations
APPROVED

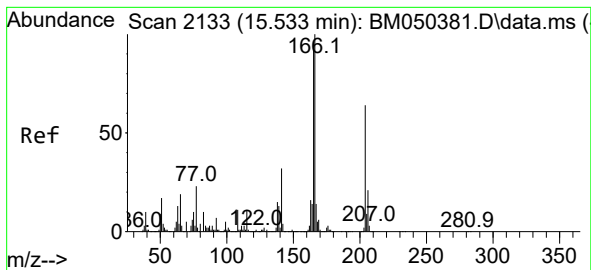
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#60
Diethylphthalate
Concen: 44.258 ng
RT: 15.298 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

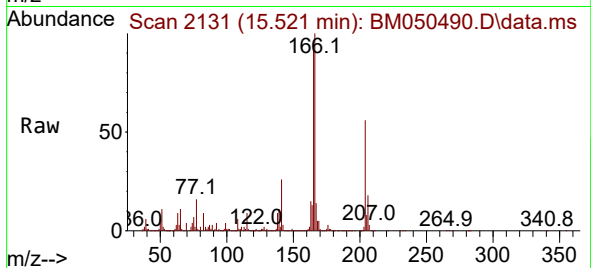
Tgt Ion:149 Resp: 4279019
Ion Ratio Lower Upper
149 100
177 23.9 18.8 28.2
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 43.905 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

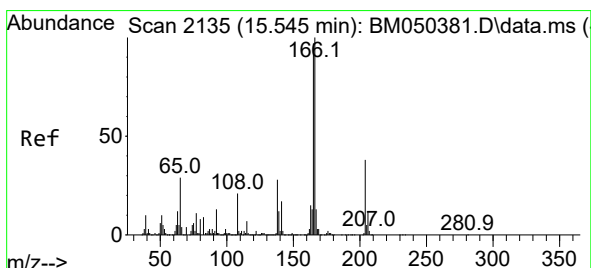
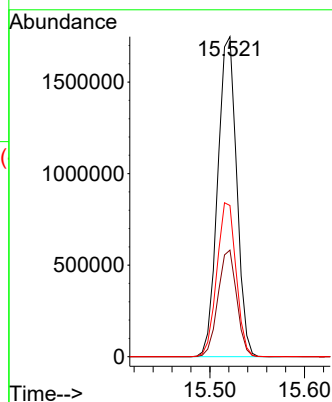
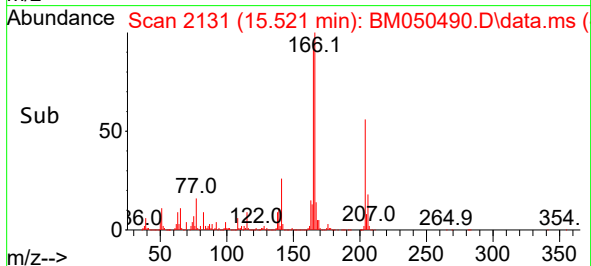
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:204 Resp: 243453
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 47.2 39.9 59.9

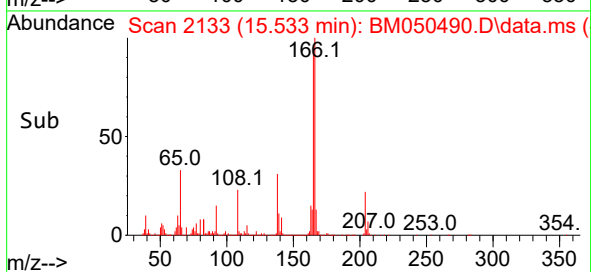
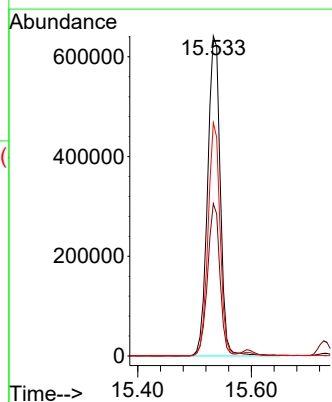
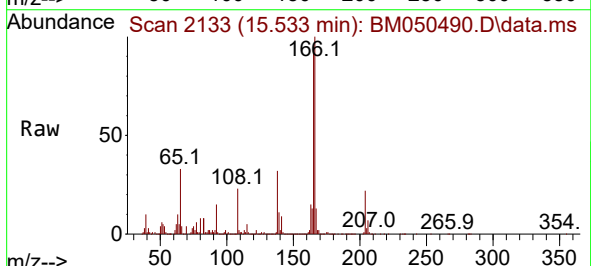
Manual Integrations
APPROVED

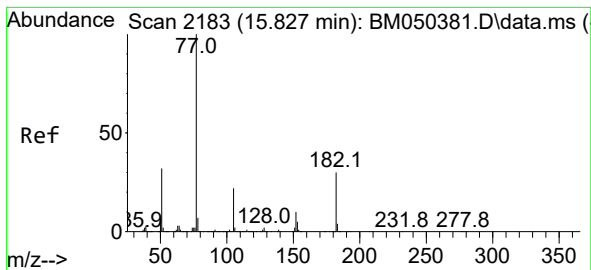
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#62
4-Nitroaniline
Concen: 41.861 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

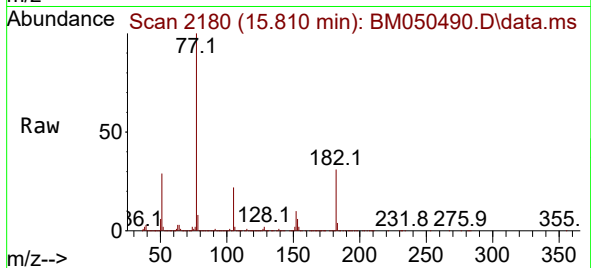
Tgt Ion:138 Resp: 986319
Ion Ratio Lower Upper
138 100
92 47.6 24.5 64.5
108 72.9 52.5 92.5





#63
Azobenzene
Concen: 42.699 ng
RT: 15.810 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

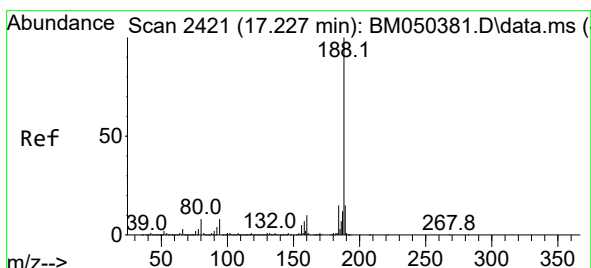
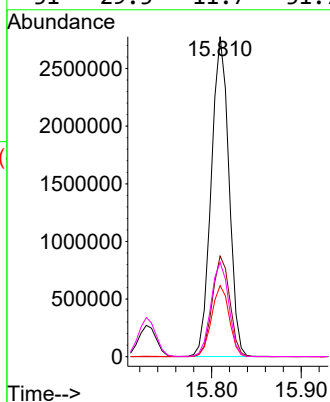
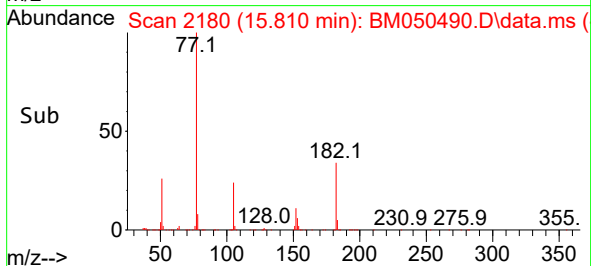
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion: 77 Resp: 3790820
Ion Ratio Lower Upper
77 100
182 31.4 10.0 50.0
105 22.2 2.0 42.0
51 29.5 11.7 51.7

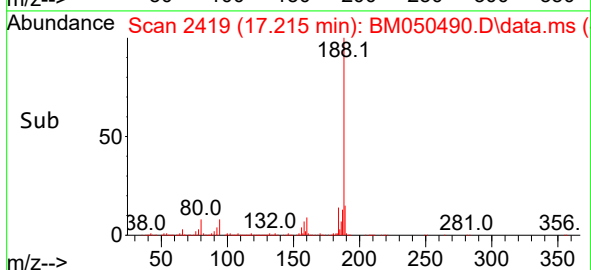
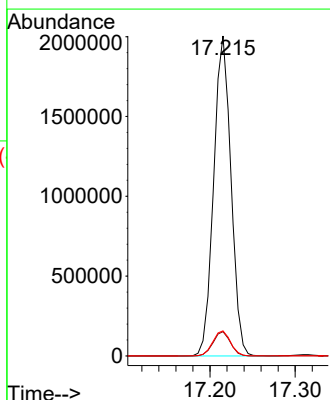
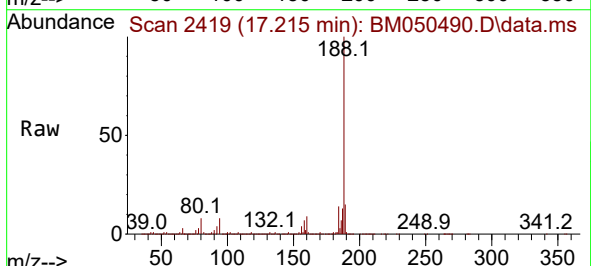
Manual Integrations
APPROVED

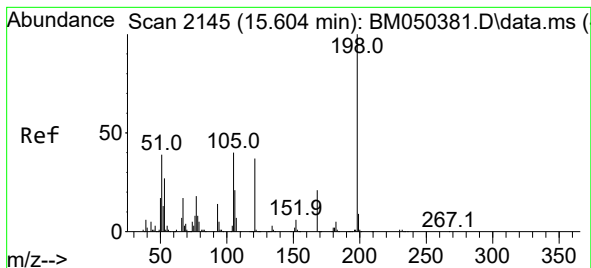
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Tgt Ion:188 Resp: 2823580
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 7.9 6.5 9.7





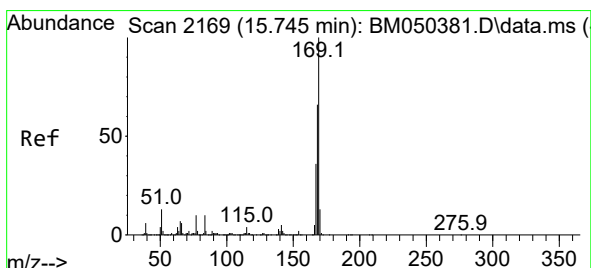
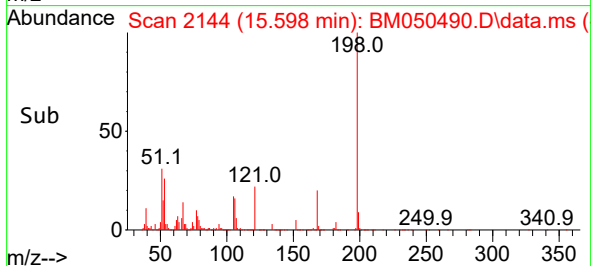
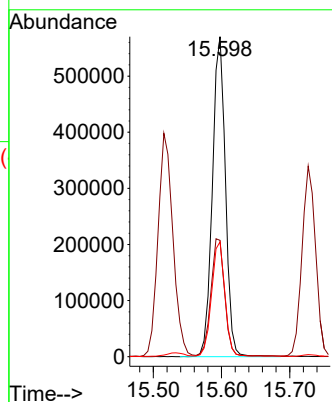
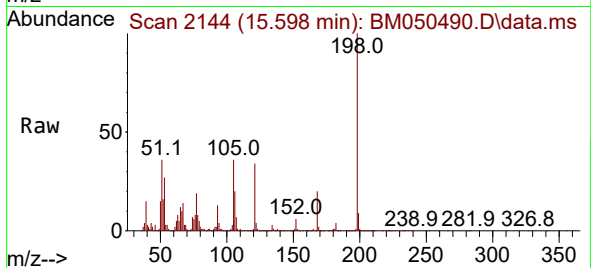
#65
4,6-Dinitro-2-methylphenol
Concen: 49.764 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Instrument :
BNA_M
ClientSampleId :
PB168971BS

Tgt Ion:198 Resp: 75960
Ion Ratio Lower Upper
198 100
51 36.4 26.6 66.6
105 35.9 20.9 60.9

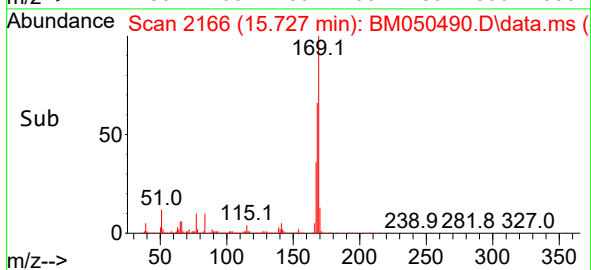
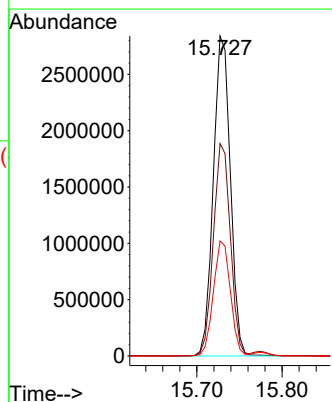
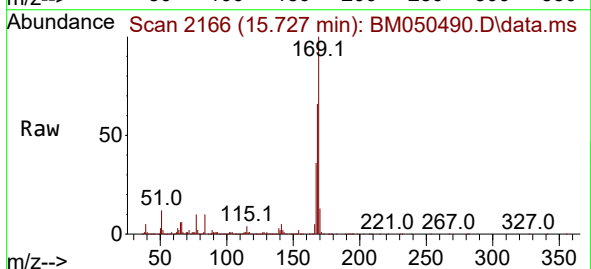
Manual Integrations
APPROVED

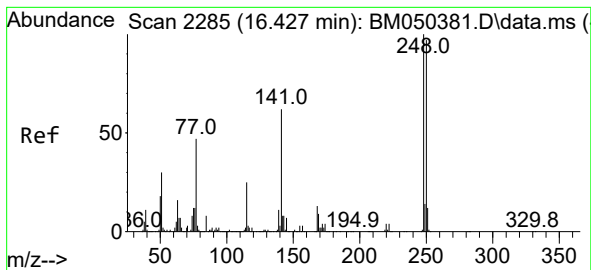
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#66
n-Nitrosodiphenylamine
Concen: 44.850 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

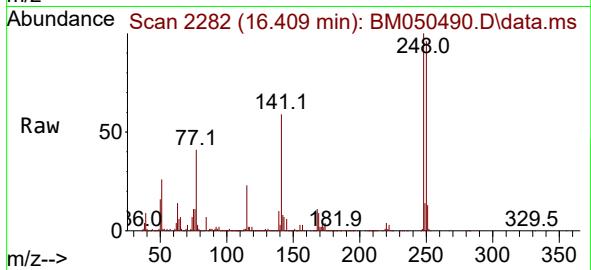
Tgt Ion:169 Resp: 3962677
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.835 ng
RT: 16.409 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

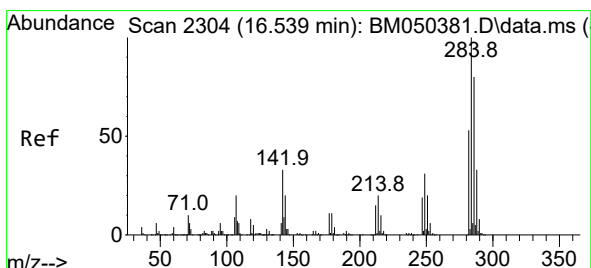
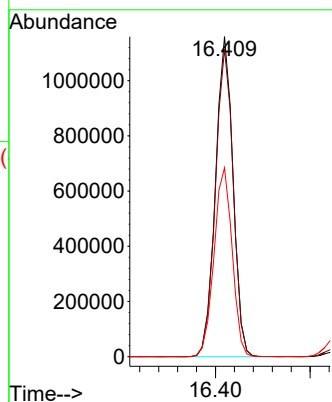
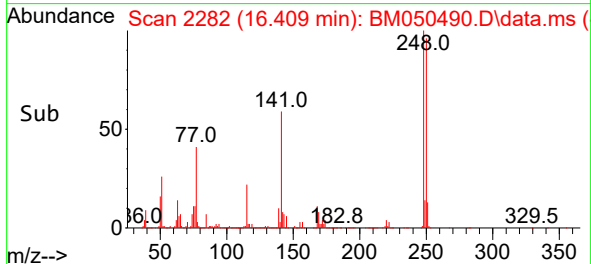
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:248 Resp: 148811
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 59.0 49.7 74.5

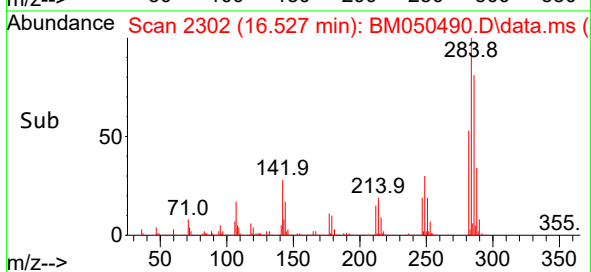
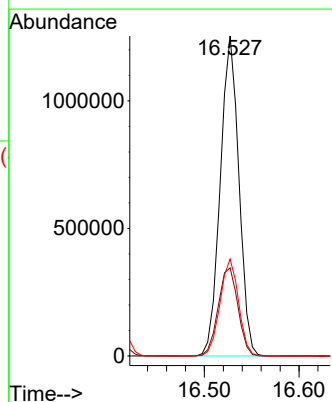
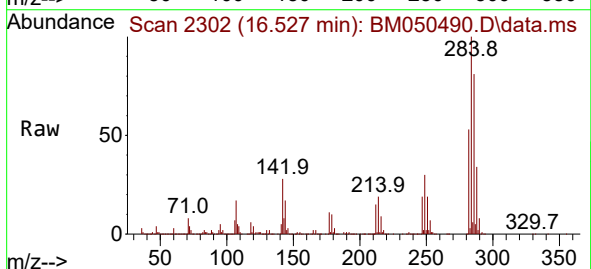
Manual Integrations
APPROVED

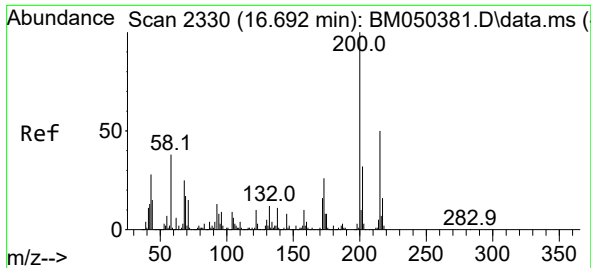
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#68
Hexachlorobenzene
Concen: 46.601 ng
RT: 16.527 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

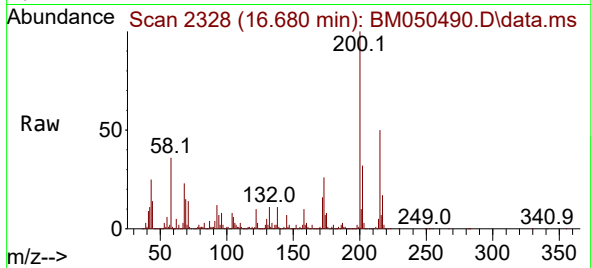
Tgt Ion:284 Resp: 1712252
Ion Ratio Lower Upper
284 100
142 27.6 26.8 40.2
249 30.3 24.5 36.7





#69
Atrazine
Concen: 48.857 ng
RT: 16.680 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

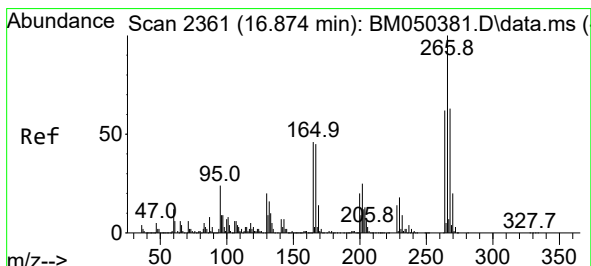
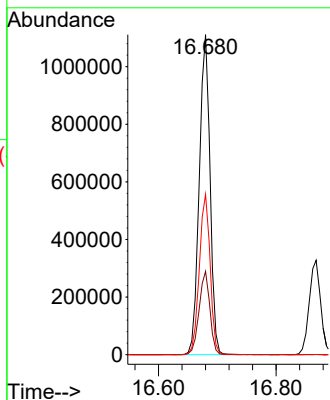
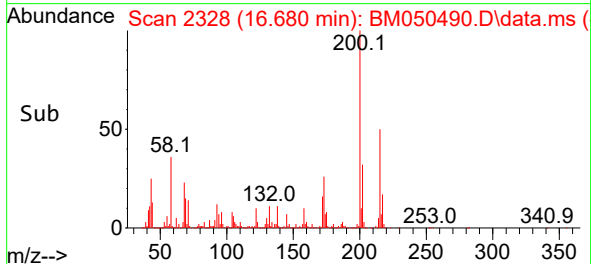
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:200 Resp: 141745
Ion Ratio Lower Upper
200 100
173 26.0 5.6 45.6
215 50.1 29.6 69.6

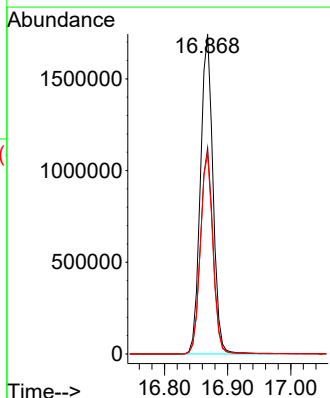
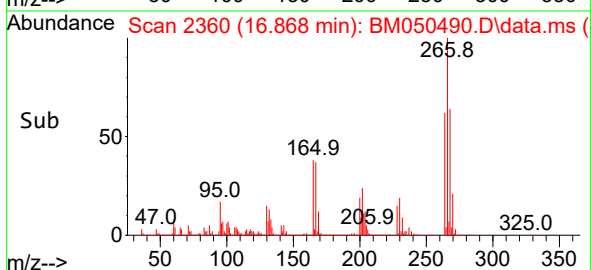
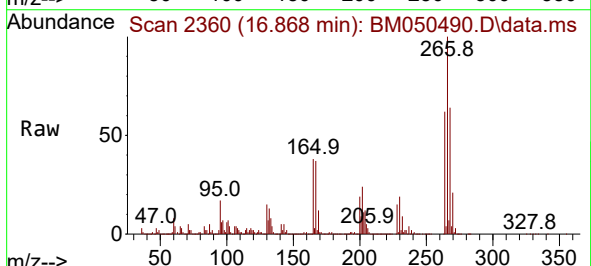
Manual Integrations
APPROVED

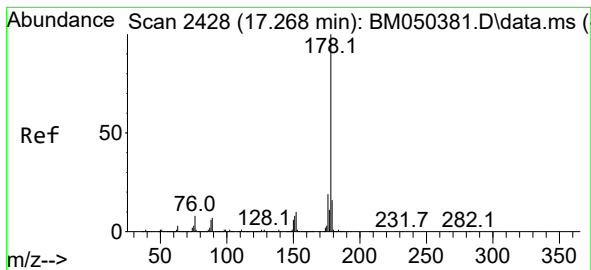
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#70
Pentachlorophenol
Concen: 104.915 ng
RT: 16.868 min Scan# 2360
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Tgt Ion:266 Resp: 2399684
Ion Ratio Lower Upper
266 100
268 64.4 50.5 75.7
264 62.4 49.9 74.9





#71

Phenanthrene

Concen: 43.544 ng

RT: 17.256 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:178 Resp: 695716

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

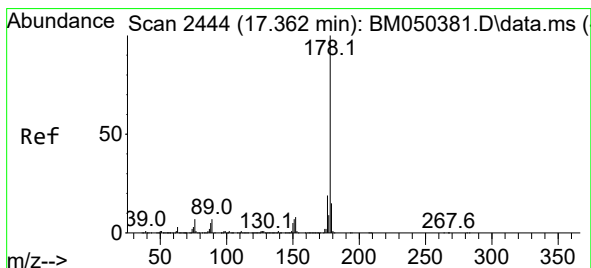
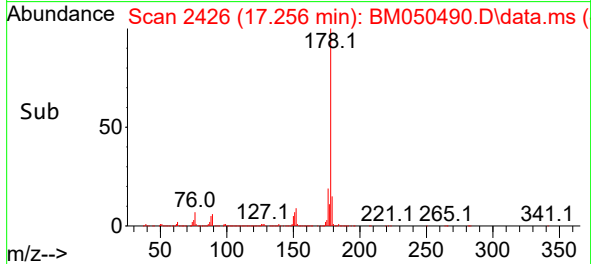
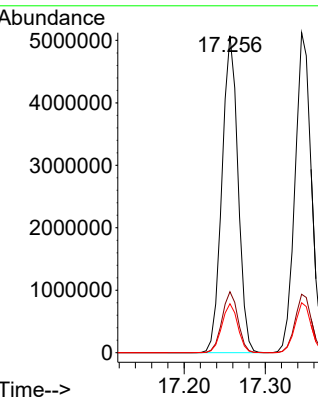
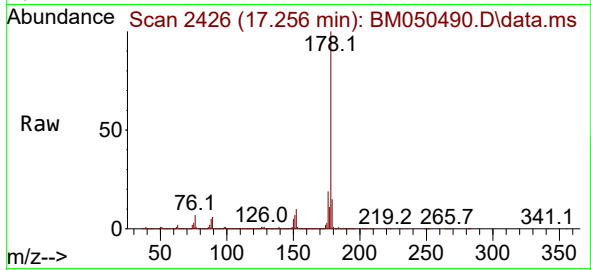
179 15.4 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#72

Anthracene

Concen: 44.884 ng

RT: 17.345 min Scan# 2441

Delta R.T. 0.006 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

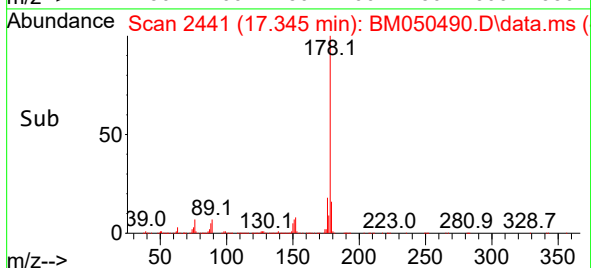
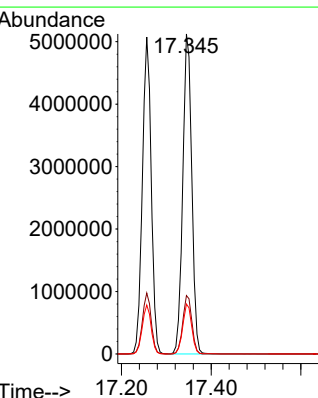
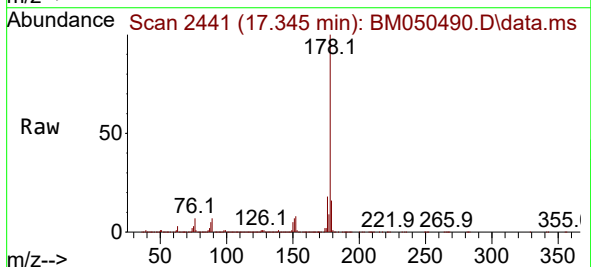
Tgt Ion:178 Resp: 7138273

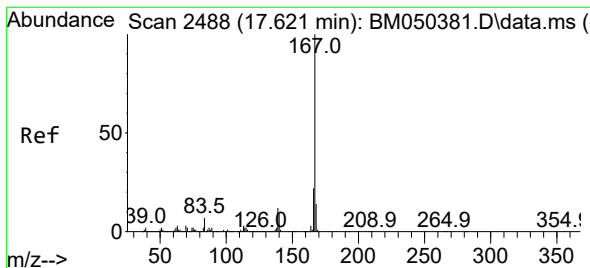
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

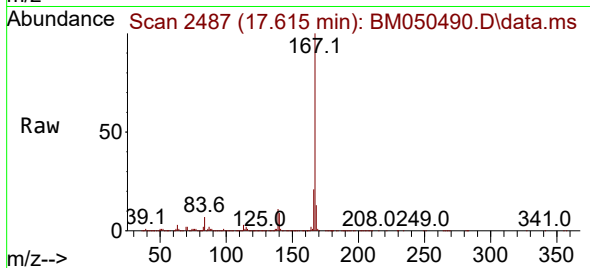
179 15.6 12.2 18.4





#73
Carbazole
Concen: 44.706 ng
RT: 17.615 min Scan# 2487
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

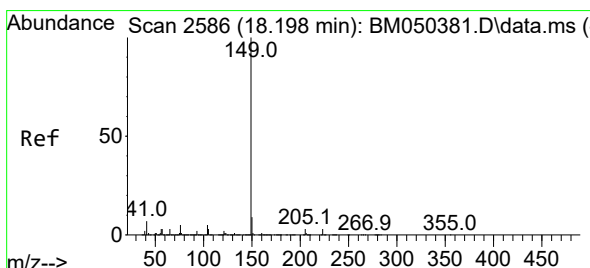
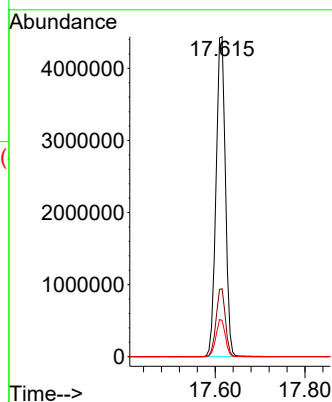
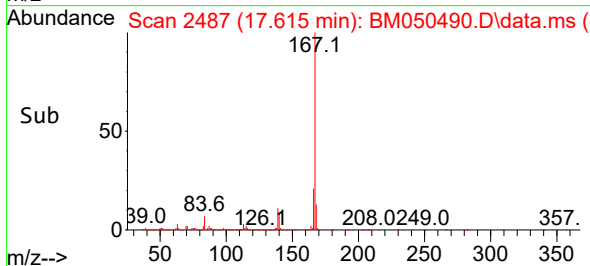
Instrument :
BNA_M
ClientSampleId :
PB168971BS



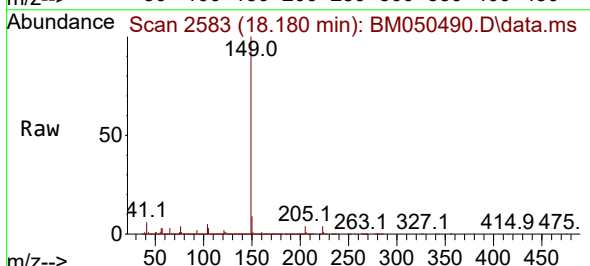
Tgt Ion:167 Resp: 6433259
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.4 9.9 14.9

Manual Integrations
APPROVED

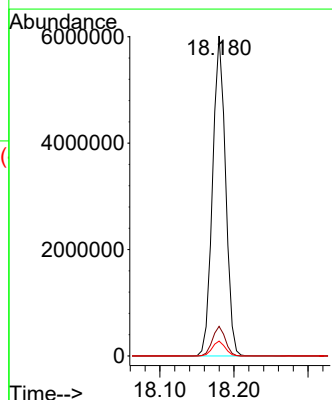
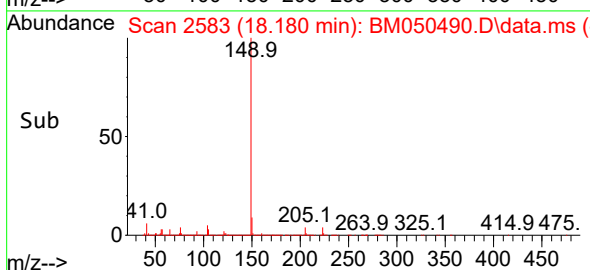
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

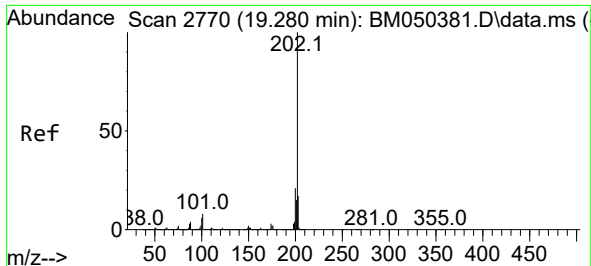


#74
Di-n-butylphthalate
Concen: 46.344 ng
RT: 18.180 min Scan# 2583
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53



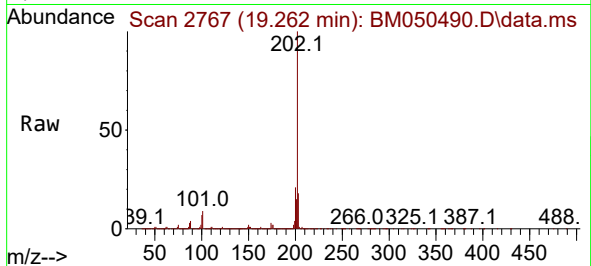
Tgt Ion:149 Resp: 7299602
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.9 5.9





#75
Fluoranthene
Concen: 45.516 ng
RT: 19.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

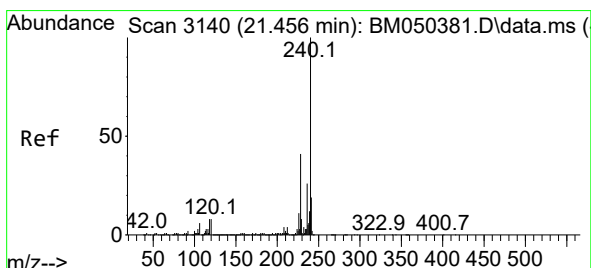
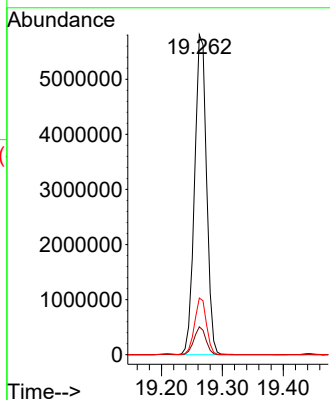
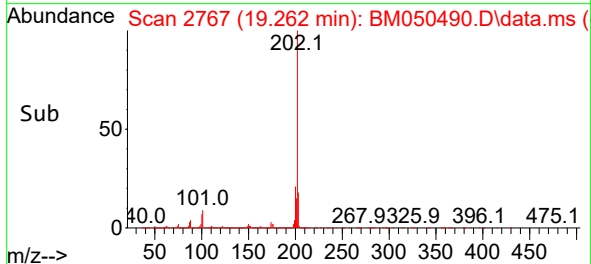
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:202 Resp: 790571
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.3
203 17.7 0.0 37.2

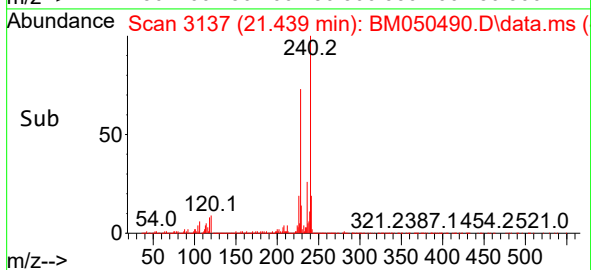
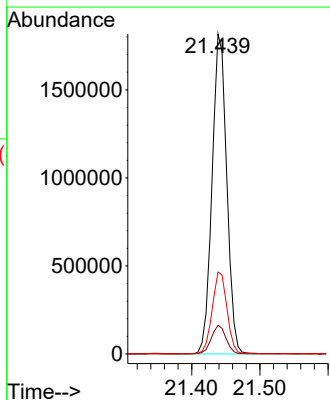
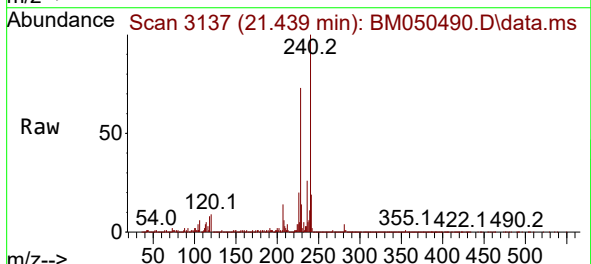
Manual Integrations
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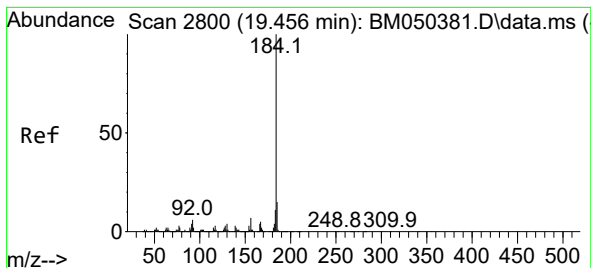
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Tgt Ion:240 Resp: 2722057
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 25.6 20.7 31.1





#77

Benzidine

Concen: 63.603 ng

RT: 19.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:184 Resp: 441595

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

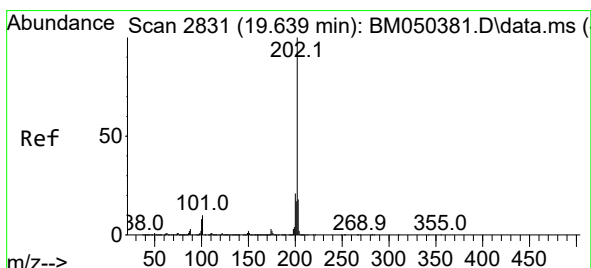
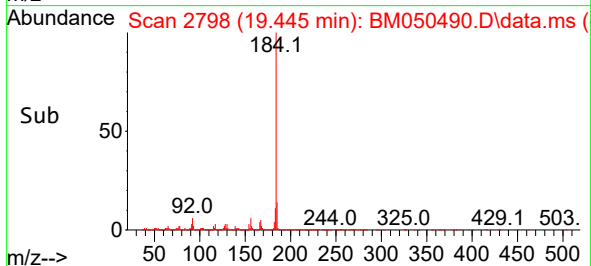
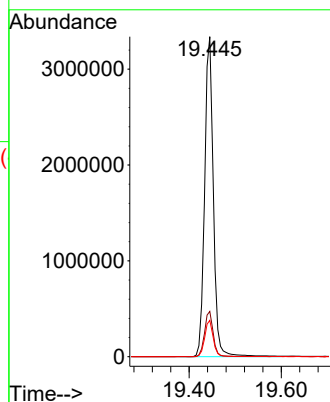
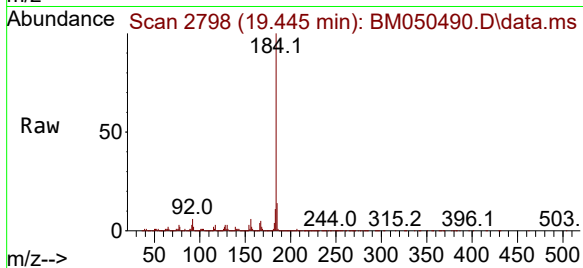
183 11.3 9.0 13.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#78

Pyrene

Concen: 47.117 ng

RT: 19.627 min Scan# 2829

Delta R.T. 0.012 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

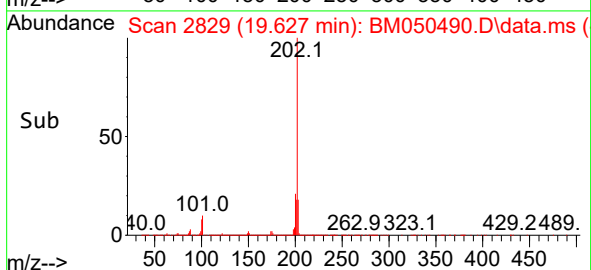
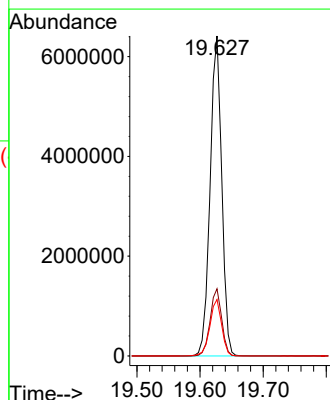
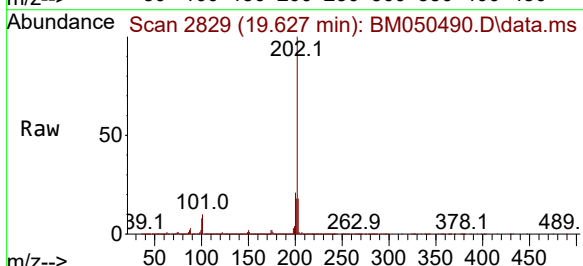
Tgt Ion:202 Resp: 8214084

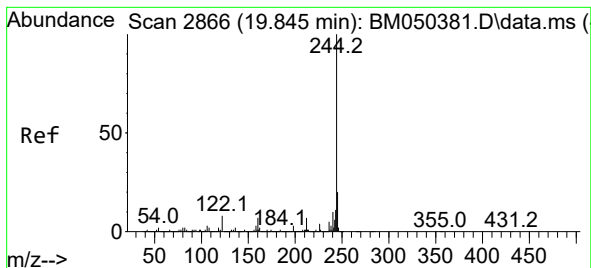
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 77.570 ng

RT: 19.827 min Scan# 2863

Delta R.T. 0.006 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:244 Resp:1200089

Ion Ratio Lower Upper

244 100

212 8.9 5.7 8.5

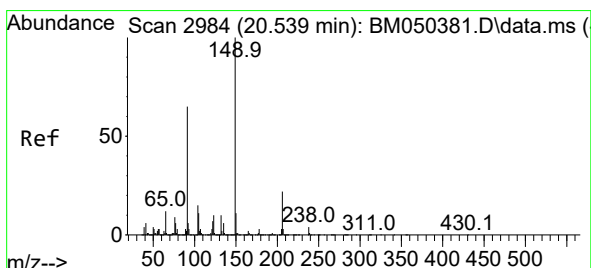
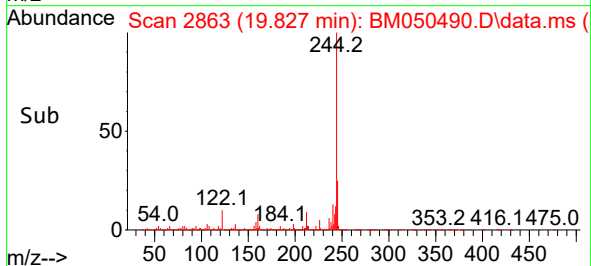
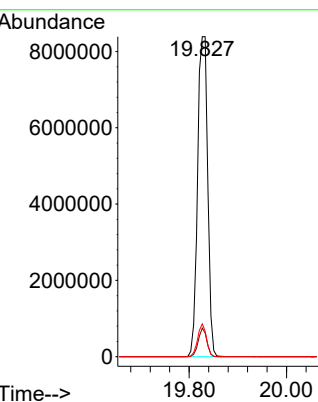
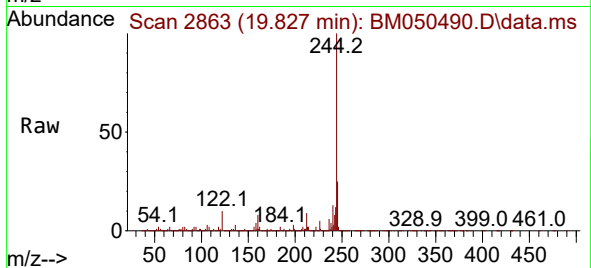
122 10.3 6.2 9.2

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#80

Butylbenzylphthalate

Concen: 55.757 ng

RT: 20.521 min Scan# 2981

Delta R.T. 0.006 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

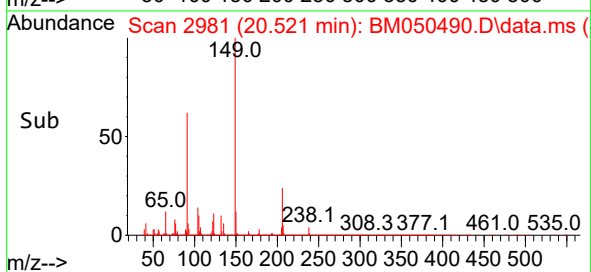
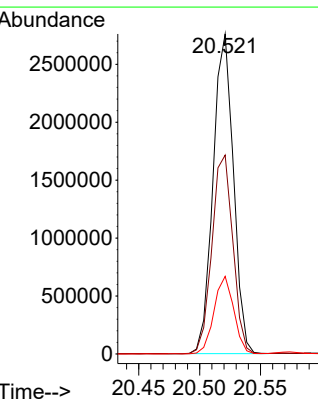
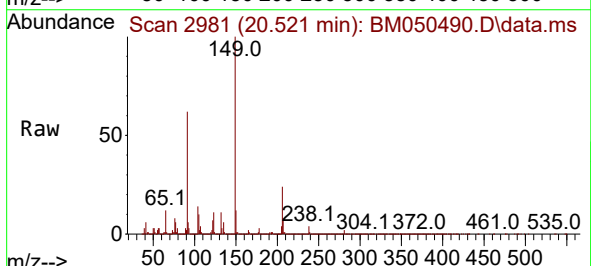
Tgt Ion:149 Resp: 3205108

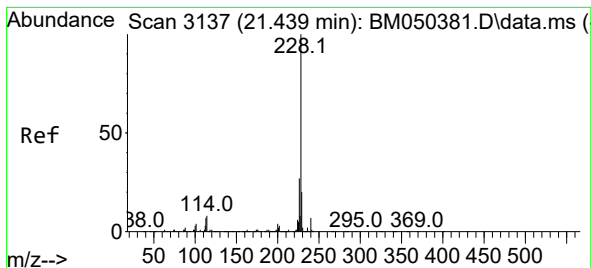
Ion Ratio Lower Upper

149 100

91 62.2 51.6 77.4

206 24.3 17.8 26.8





#81

Benzo(a)anthracene

Concen: 45.751 ng

RT: 21.421 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:228 Resp: 811438

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

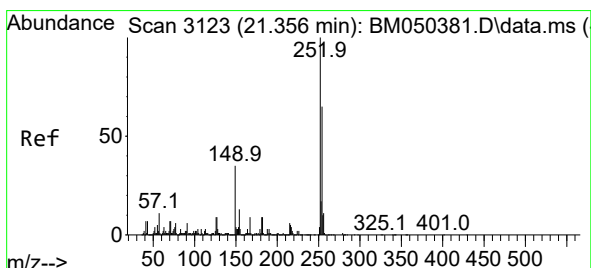
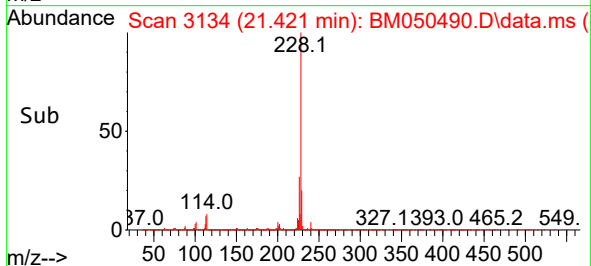
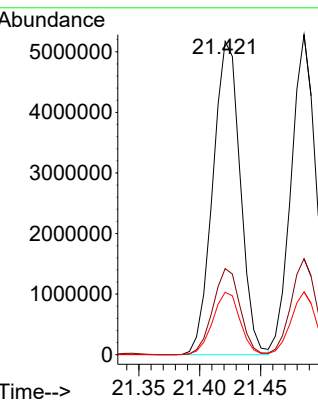
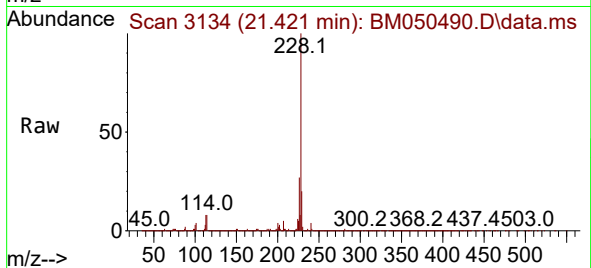
229 19.9 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#82

3,3'-Dichlorobenzidine

Concen: 32.302 ng

RT: 21.344 min Scan# 3121

Delta R.T. 0.012 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

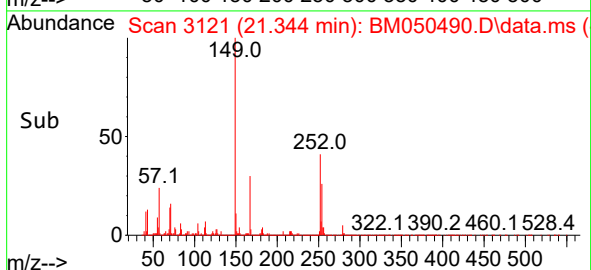
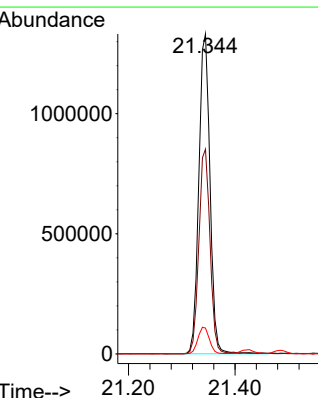
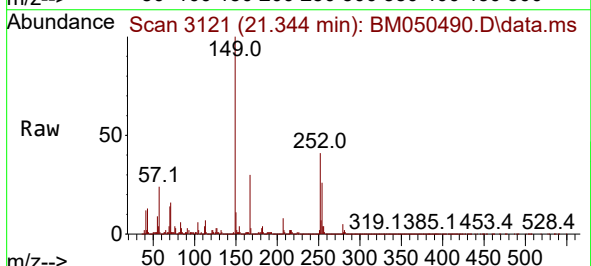
Tgt Ion:252 Resp: 1932024

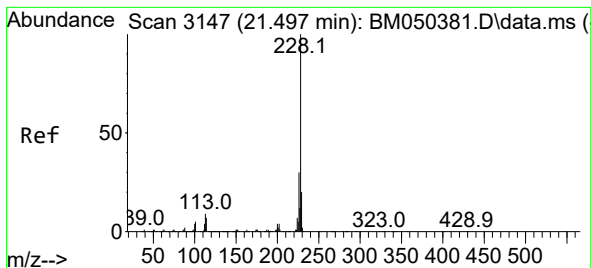
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 8.1 7.3 10.9





#83

Chrysene

Concen: 44.664 ng

RT: 21.486 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:228 Resp: 7471780

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

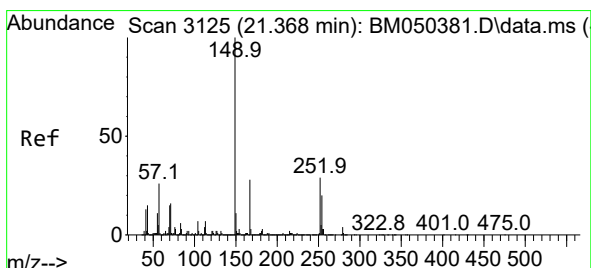
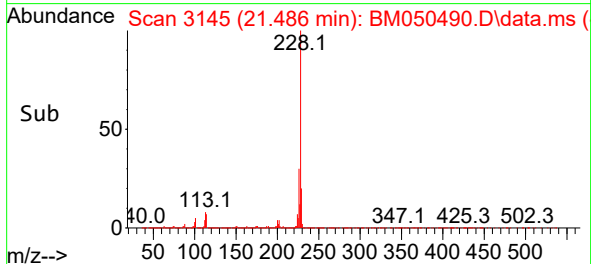
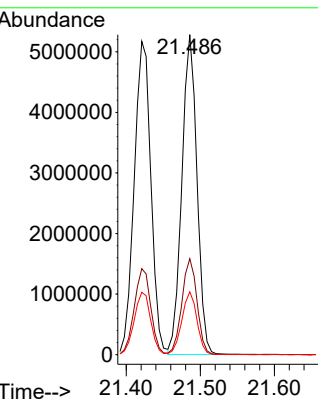
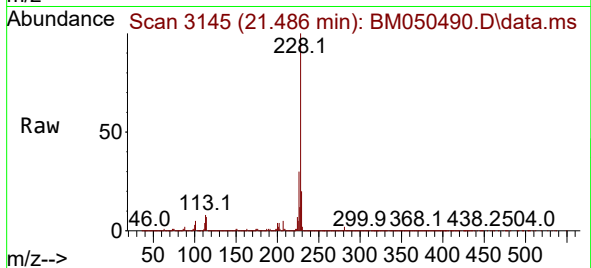
229 19.7 15.8 23.6

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.368 ng

RT: 21.350 min Scan# 3122

Delta R.T. 0.012 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

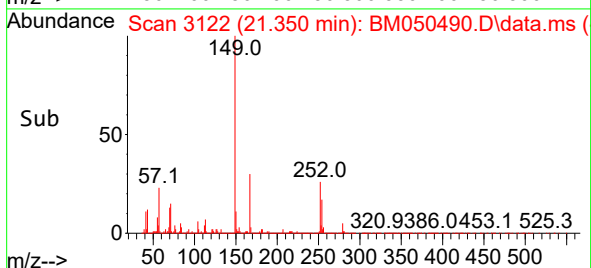
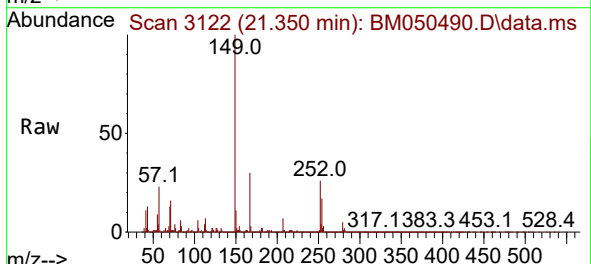
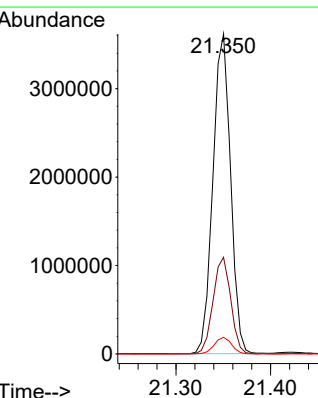
Tgt Ion:149 Resp: 4687495

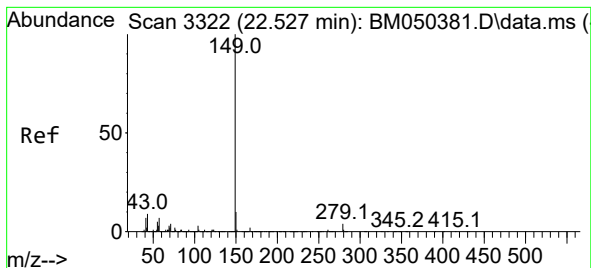
Ion Ratio Lower Upper

149 100

167 30.2 22.7 34.1

279 5.2 3.5 5.3





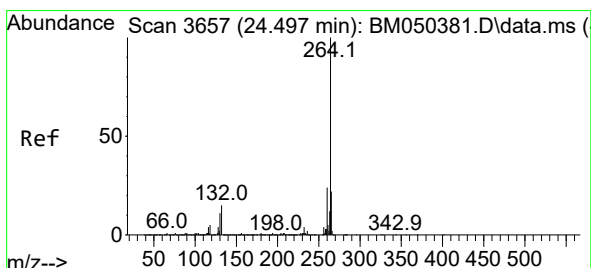
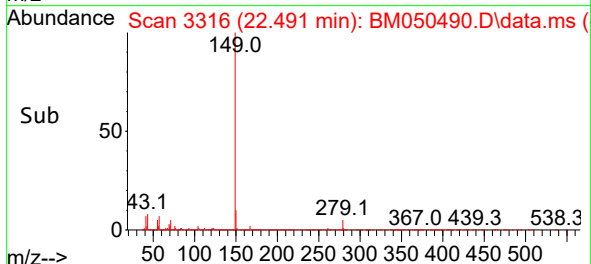
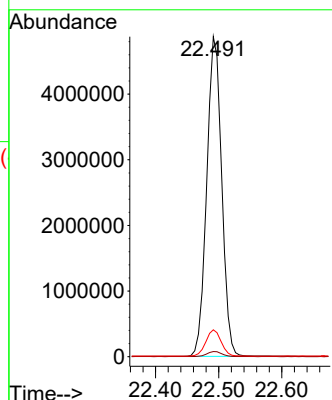
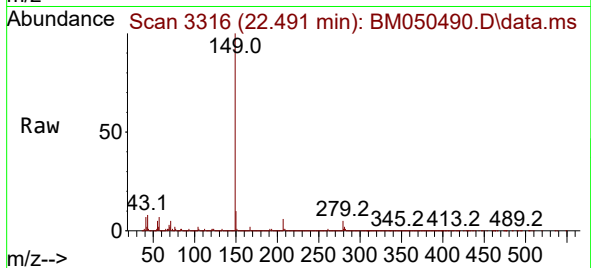
#85
Di-n-octyl phthalate
Concen: 56.178 ng
RT: 22.491 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Instrument :
BNA_M
ClientSampleId :
PB168971BS

Tgt Ion:149 Resp: 802913
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 7.7 11.5

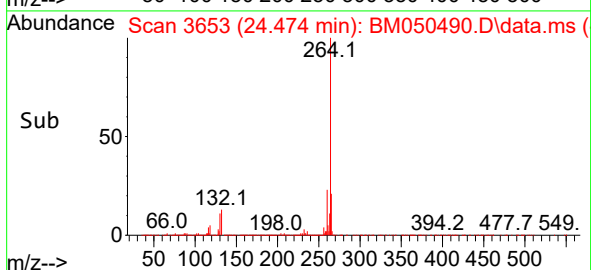
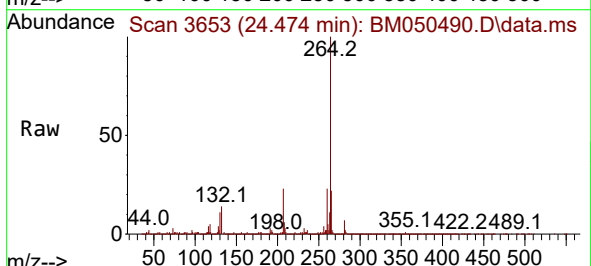
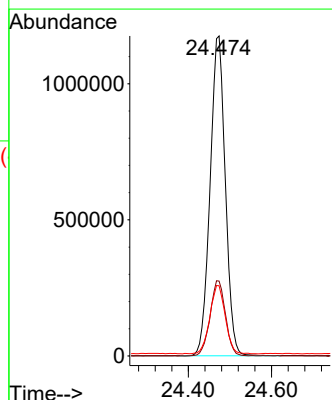
Manual Integrations
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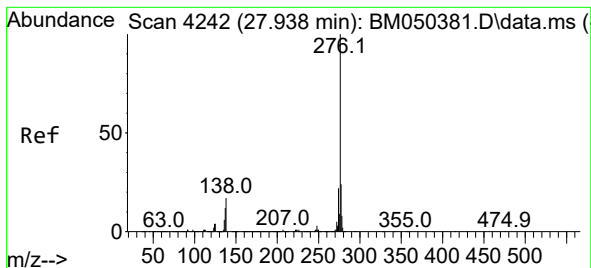
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3653
Delta R.T. 0.018 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Tgt Ion:264 Resp: 2987051
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.042 ng

RT: 27.903 min Scan# 41

Delta R.T. 0.024 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:276 Resp:1041542

Ion Ratio Lower Upper

276 100

138 20.2 17.0 25.6

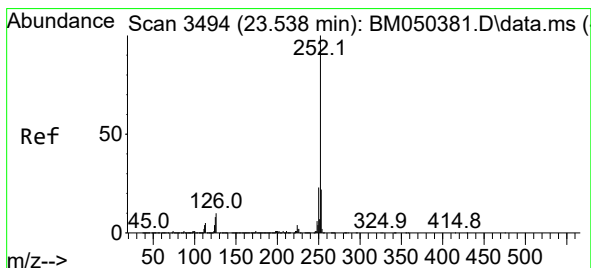
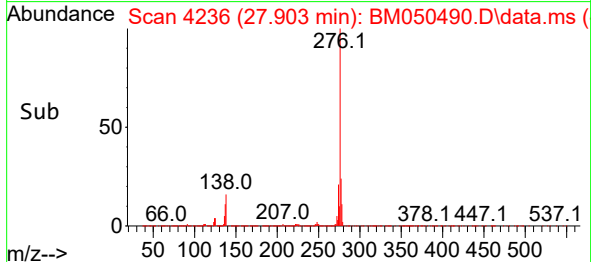
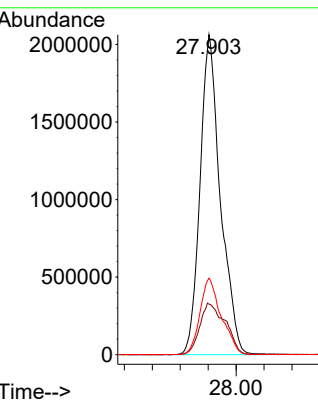
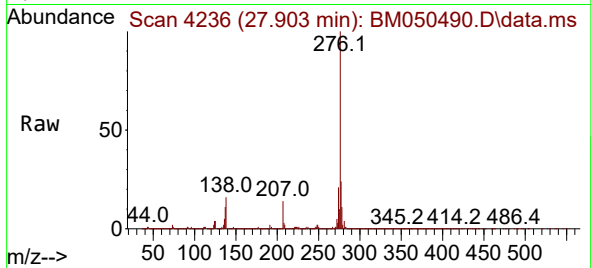
277 25.0 20.0 30.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#88

Benzo(b)fluoranthene

Concen: 43.398 ng

RT: 23.515 min Scan# 3490

Delta R.T. 0.012 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

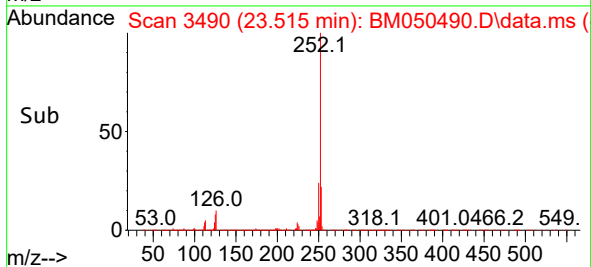
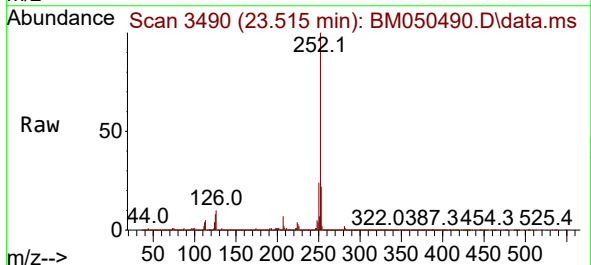
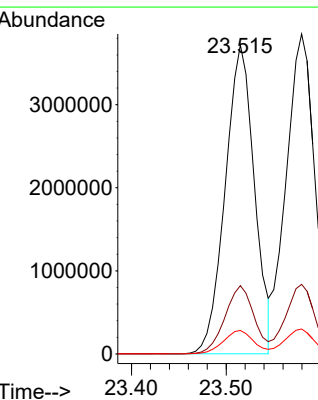
Tgt Ion:252 Resp: 7973643

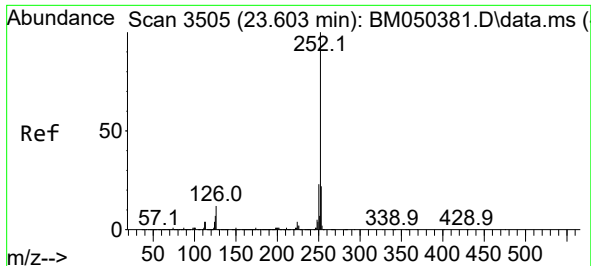
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

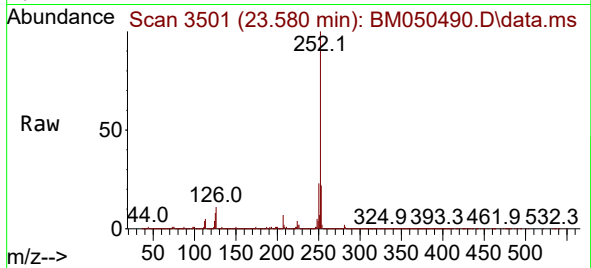
125 7.6 6.3 9.5





#89
Benzo(k)fluoranthene
Concen: 42.304 ng
RT: 23.580 min Scan# 3505
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

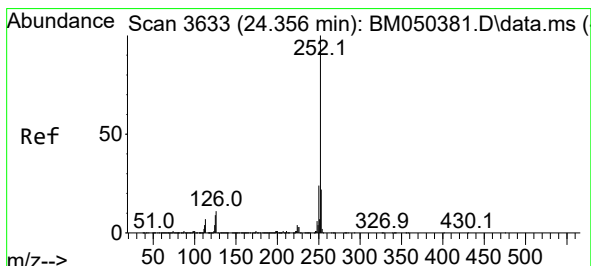
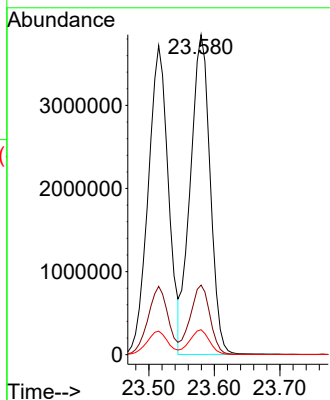
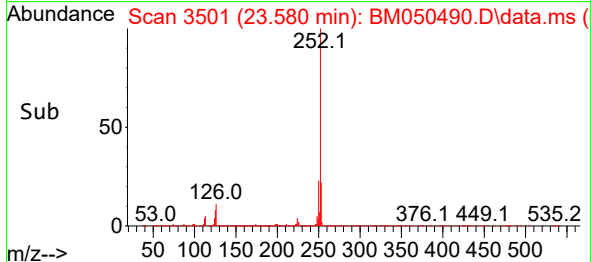
Instrument :
BNA_M
ClientSampleId :
PB168971BS



Tgt Ion:252 Resp: 806516
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 7.8 6.2 9.2

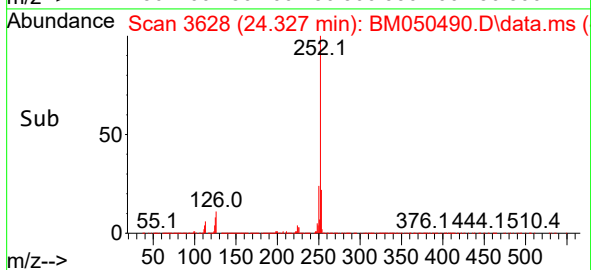
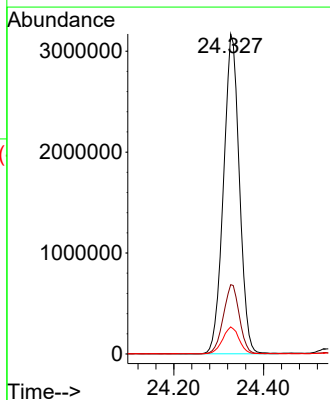
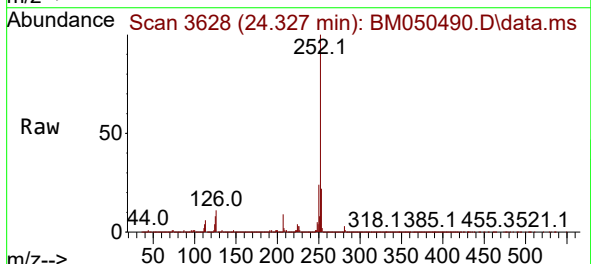
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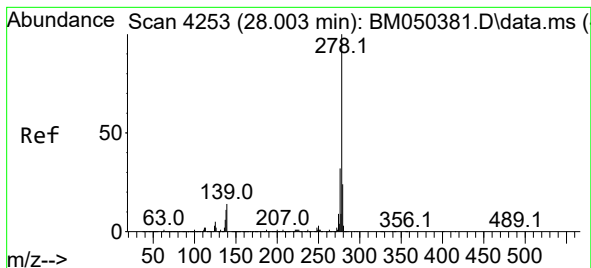
Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025



#90
Benzo(a)pyrene
Concen: 45.449 ng
RT: 24.327 min Scan# 3628
Delta R.T. 0.012 min
Lab File: BM050490.D
Acq: 23 Jul 2025 14:53

Tgt Ion:252 Resp: 7816949
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 8.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 47.954 ng

RT: 27.962 min Scan# 41

Delta R.T. 0.018 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Instrument :

BNA_M

ClientSampleId :

PB168971BS

Tgt Ion:278 Resp: 8576934

Ion Ratio Lower Upper

278 100

139 12.7 10.8 16.2

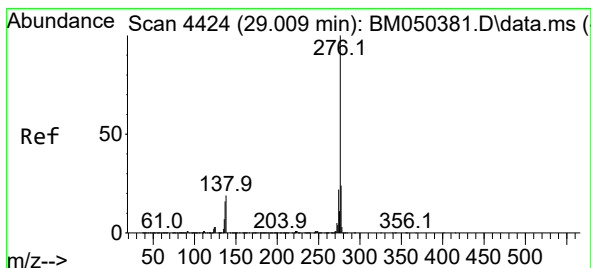
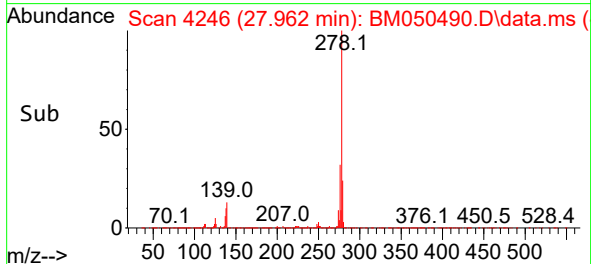
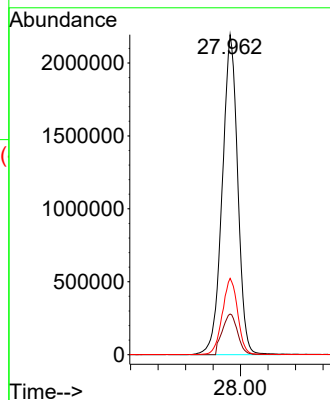
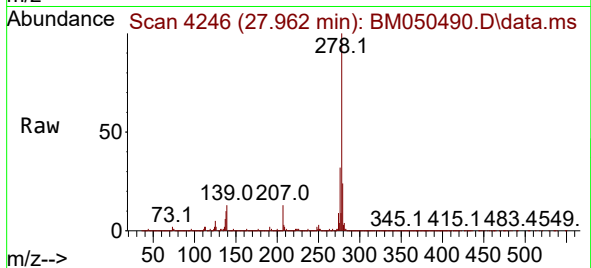
279 23.9 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/24/2025

Supervised By :Jagrut Upadhyay 07/24/2025



#92

Benzo(g,h,i)perylene

Concen: 49.517 ng

RT: 28.967 min Scan# 4417

Delta R.T. 0.024 min

Lab File: BM050490.D

Acq: 23 Jul 2025 14:53

Tgt Ion:276 Resp: 8370375

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 17.7 14.9 22.3

