

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071725\
 Data File : BM050476.D
 Acq On : 17 Jul 2025 15:57
 Operator : RC/JU
 Sample : PB168885BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:34:59 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	7.846	152	516385	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	1948201	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	1313335	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	2583210	20.000	ng	0.00
76) Chrysene-d12	21.433	240	2737581	20.000	ng	0.00
86) Perylene-d12	24.462	264	2912638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	3884146	129.474	ng	0.00
7) Phenol-d6	7.016	99	4920980	130.124	ng	0.00
23) Nitrobenzene-d5	8.999	82	2933678	76.825	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2389558	149.748	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	7818506	73.518	ng	0.00
79) Terphenyl-d14	19.821	244	11945436	76.774	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	454197	36.819	ng	99
3) Pyridine	3.723	79	1265501	39.076	ng	96
4) n-Nitrosodimethylamine	3.623	42	621168	41.142	ng	94
6) Aniline	7.169	93	1735247	35.754	ng	99
8) 2-Chlorophenol	7.411	128	1529899	48.364	ng	97
9) Benzaldehyde	6.981	77	881142	39.168	ng	98
10) Phenol	7.040	94	1875951	47.560	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	1376341	43.571	ng	98
12) 1,3-Dichlorobenzene	7.740	146	1664239	43.267	ng	98
13) 1,4-Dichlorobenzene	7.881	146	1688340	42.987	ng	99
14) 1,2-Dichlorobenzene	8.199	146	1629704	43.341	ng	99
15) Benzyl Alcohol	8.081	79	1243011	46.649	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1935814	41.604	ng	98
17) 2-Methylphenol	8.287	107	1212327	47.389	ng	98
18) Hexachloroethane	8.928	117	595451	43.108	ng	98
19) n-Nitroso-di-n-propyla...	8.652	70	1038896	45.347	ng	95
20) 3+4-Methylphenols	8.610	107	1642016	47.812	ng	98
22) Acetophenone	8.663	105	2120698	43.537	ng	98
24) Nitrobenzene	9.046	77	1509739	44.305	ng	97
25) Isophorone	9.575	82	2814614	45.423	ng	99
26) 2-Nitrophenol	9.752	139	783921	56.446	ng	96
27) 2,4-Dimethylphenol	9.816	122	1430792	48.416	ng	96
28) bis(2-Chloroethoxy)met...	10.052	93	1838156	44.768	ng	99
29) 2,4-Dichlorophenol	10.287	162	1541348	50.768	ng	98
30) 1,2,4-Trichlorobenzene	10.504	180	1645152	45.296	ng	99
31) Naphthalene	10.693	128	4347399	43.933	ng	99
32) Benzoic acid	9.946	122	1030936	55.734	ng	98
33) 4-Chloroaniline	10.793	127	1069433	25.564	ng	99
34) Hexachlorobutadiene	10.987	225	993212	44.805	ng	98
35) Caprolactam	11.575	113	440167m	53.108	ng	
36) 4-Chloro-3-methylphenol	11.922	107	1449850	51.138	ng	97
37) 2-Methylnaphthalene	12.298	142	2906964	46.526	ng	98
38) 1-Methylnaphthalene	12.522	142	3047148	46.083	ng	100
40) 1,2,4,5-Tetrachloroben...	12.669	216	1909685	45.724	ng	100
41) Hexachlorocyclopentadiene	12.657	237	2610418	97.780	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	1309524	50.938	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071725\
 Data File : BM050476.D
 Acq On : 17 Jul 2025 15:57
 Operator : RC/JU
 Sample : PB168885BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168885BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:34:59 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)
44) 2,4,5-Trichlorophenol	12.981	196	1450386	51.658	ng	96
46) 1,1'-Biphenyl	13.310	154	4317725	44.311	ng	99
47) 2-Chloronaphthalene	13.351	162	3405944	43.840	ng	99
48) 2-Nitroaniline	13.545	65	887681	51.189	ng	95
49) Acenaphthylene	14.198	152	5316054	45.277	ng	99
50) Dimethylphthalate	13.934	163	4214908	46.615	ng	100
51) 2,6-Dinitrotoluene	14.045	165	898217	51.738	ng	93
52) Acenaphthene	14.539	154	3220488	43.143	ng	99
53) 3-Nitroaniline	14.369	138	652608	35.347	ng	98
54) 2,4-Dinitrophenol	14.575	184	1152712	117.097	ng	# 82
55) Dibenzofuran	14.875	168	5125414	44.563	ng	99
56) 4-Nitrophenol	14.681	139	1695556	106.789	ng	90
57) 2,4-Dinitrotoluene	14.828	165	1281292	49.227	ng	95
58) Fluorene	15.522	166	4307700	45.471	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	1239852	52.459	ng	96
60) Diethylphthalate	15.292	149	4040195	46.776	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	2278500	45.997	ng	97
62) 4-Nitroaniline	15.528	138	963365	45.527	ng	98
63) Azobenzene	15.804	77	3527371	44.475	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	751112	53.277	ng	92
66) n-Nitrosodiphenylamine	15.728	169	3739335	46.260	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	1362817	47.884	ng	98
68) Hexachlorobenzene	16.522	284	1607982	47.836	ng	96
69) Atrazine	16.675	200	1344545	50.656	ng	99
70) Pentachlorophenol	16.863	266	2322182	110.974	ng	99
71) Phenanthrene	17.251	178	6673853	45.657	ng	100
72) Anthracene	17.339	178	6792935	46.687	ng	100
73) Carbazole	17.604	167	6198421	47.082	ng	99
74) Di-n-butylphthalate	18.175	149	7010527	48.651	ng	99
75) Fluoranthene	19.257	202	7831040	49.281	ng	99
77) Benzidine	19.439	184	4729264	67.729	ng	100
78) Pyrene	19.622	202	8190535	46.715	ng	100
80) Butylbenzylphthalate	20.516	149	3188686	55.157	ng	97
81) Benzo(a)anthracene	21.416	228	8453985	47.395	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	2023008	33.631	ng	99
83) Chrysene	21.480	228	7878393	46.827	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	4719847	51.429	ng	97
85) Di-n-octyl phthalate	22.486	149	8099632	56.350	ng	97
87) Indeno(1,2,3-cd)pyrene	27.886	276	10292650	49.702	ng	99
88) Benzo(b)fluoranthene	23.504	252	8457217	47.206	ng	99
89) Benzo(k)fluoranthene	23.568	252	8421352	45.301	ng	100
90) Benzo(a)pyrene	24.321	252	8126766	48.457	ng	99
91) Dibenzo(a,h)anthracene	27.944	278	8579014	49.191	ng	99
92) Benzo(g,h,i)perylene	28.950	276	8216926	49.851	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071725\
 Data File : BM050476.D
 Acq On : 17 Jul 2025 15:57
 Operator : RC/JU
 Sample : PB168885BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025

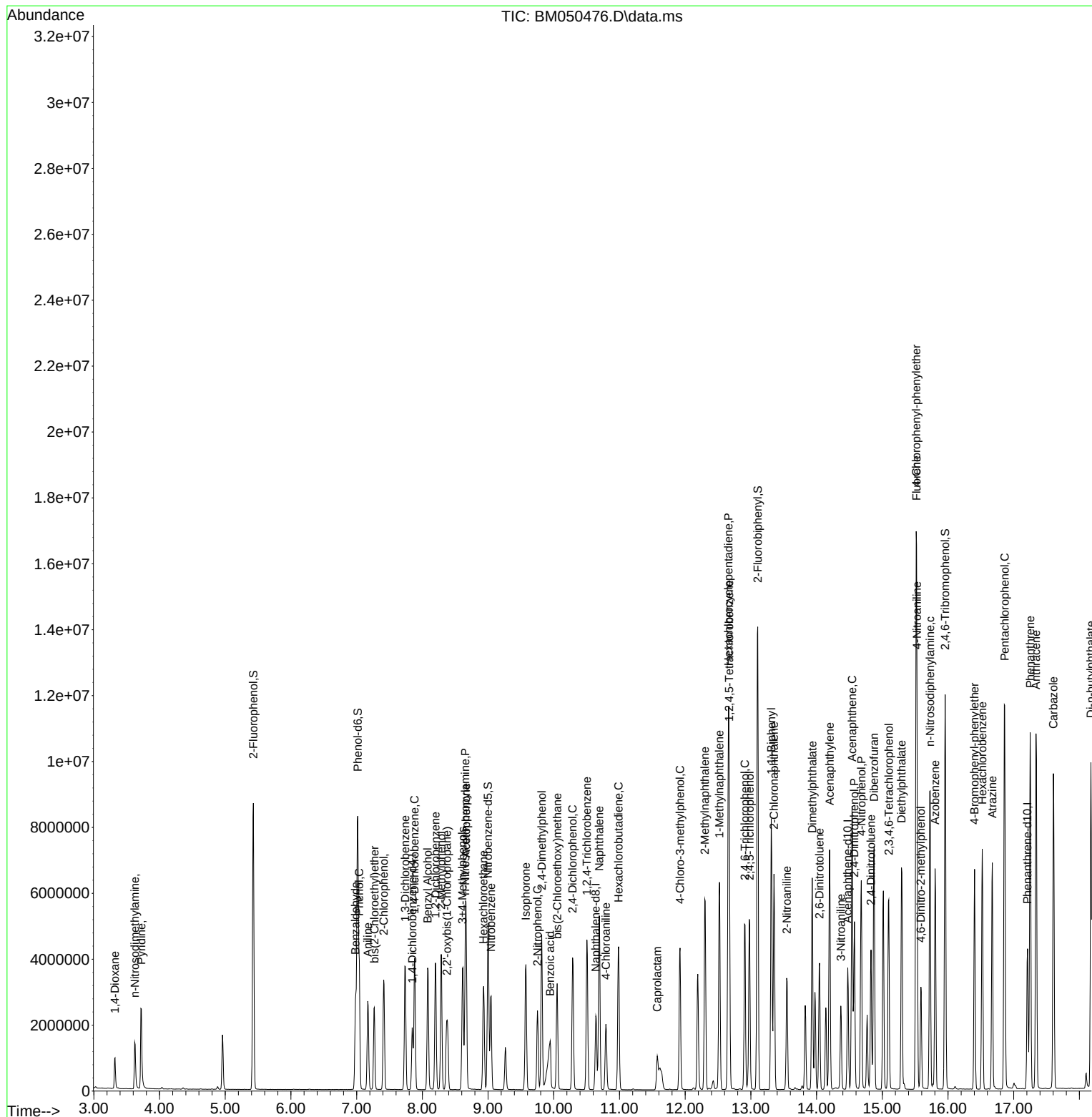
Quant Time: Jul 17 16:34:59 2025

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



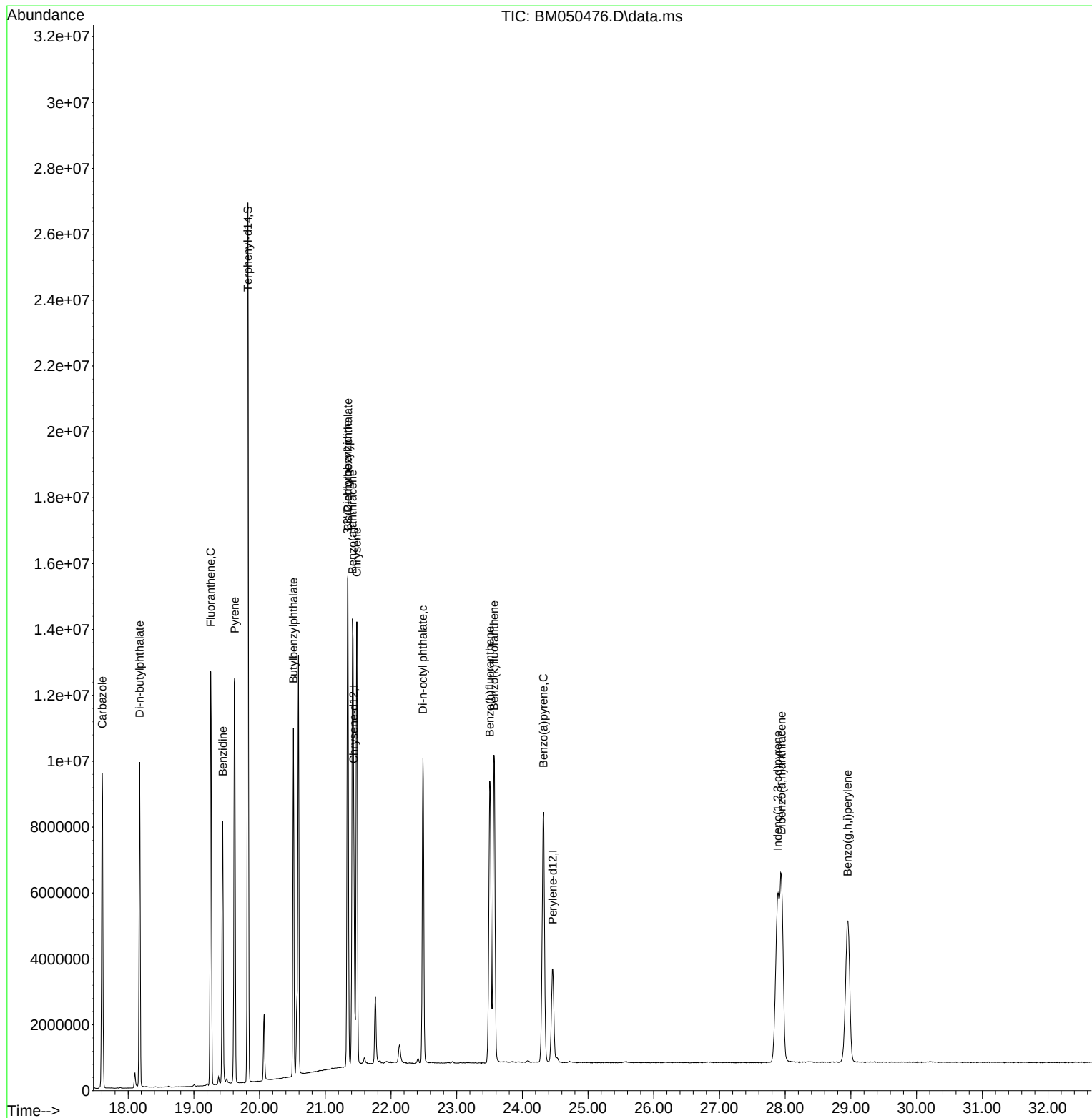
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071725\
Data File : BM050476.D
Acq On : 17 Jul 2025 15:57
Operator : RC/JU
Sample : PB168885BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

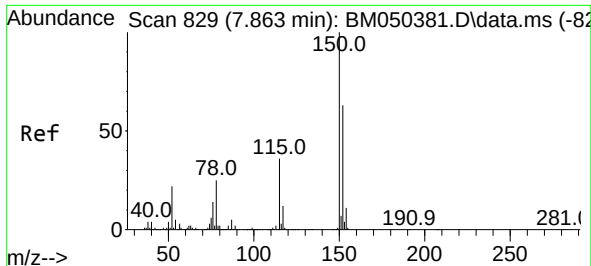
Instrument :
BNA_M
ClientSampleId :
PB168885BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

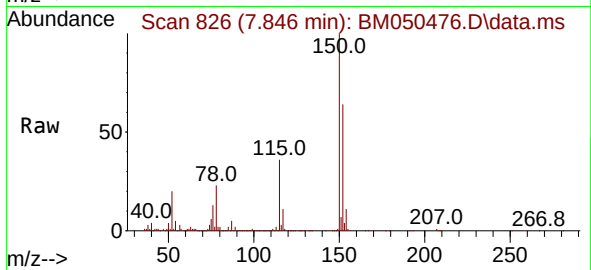
Quant Time: Jul 17 16:34:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.846 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BM050476.D
 Acq: 17 Jul 2025 15:57

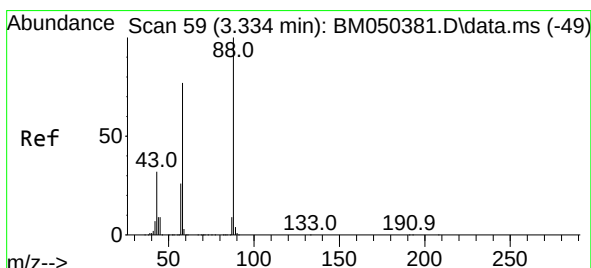
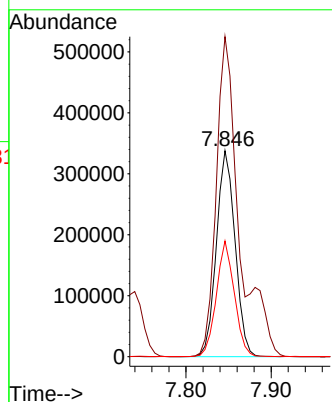
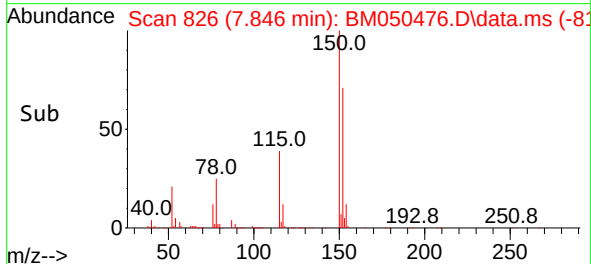
Instrument :
 BNA_M
 ClientSampleId :
 PB168885BS



Tgt Ion:152 Resp: 51638
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.4
 115 56.2 45.8 68.8

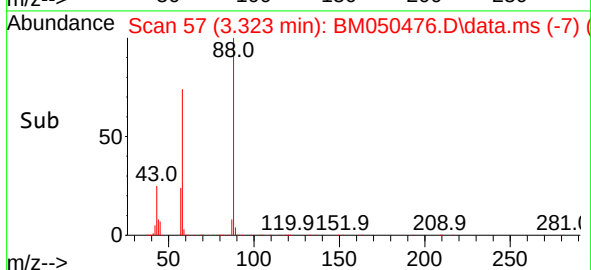
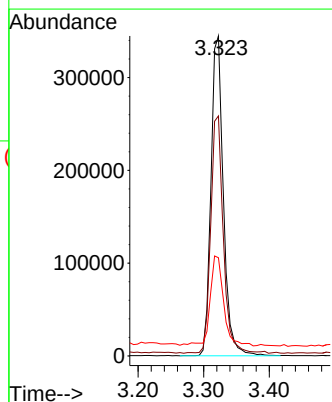
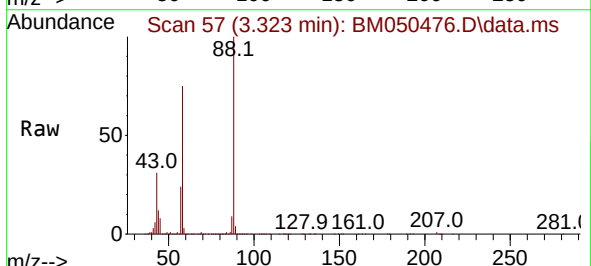
Manual Integrations
 APPROVED

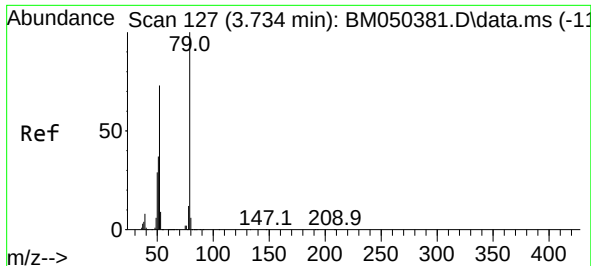
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#2
 1,4-Dioxane
 Concen: 36.819 ng
 RT: 3.323 min Scan# 57
 Delta R.T. -0.005 min
 Lab File: BM050476.D
 Acq: 17 Jul 2025 15:57

Tgt Ion: 88 Resp: 454197
 Ion Ratio Lower Upper
 88 100
 58 75.3 61.0 91.6
 43 30.0 24.6 37.0





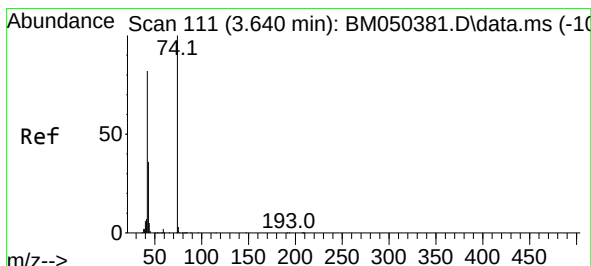
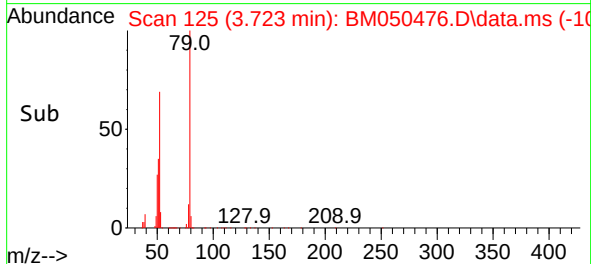
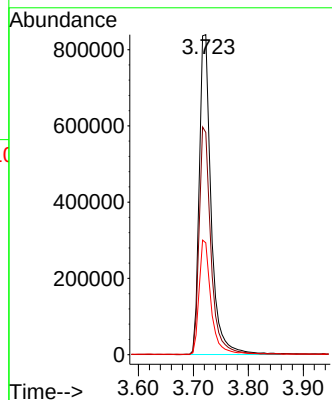
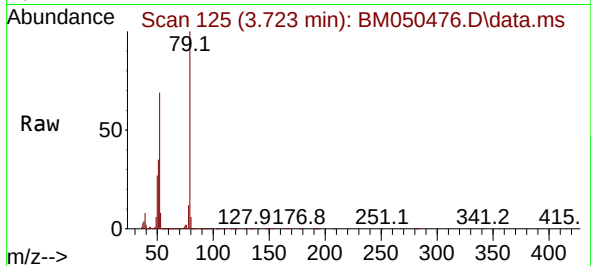
#3
Pyridine
Concen: 39.076 ng
RT: 3.723 min Scan# 107
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

Tgt Ion: 79 Resp: 126550
Ion Ratio Lower Upper
79 100
52 69.5 58.3 87.5
51 35.0 29.6 44.4

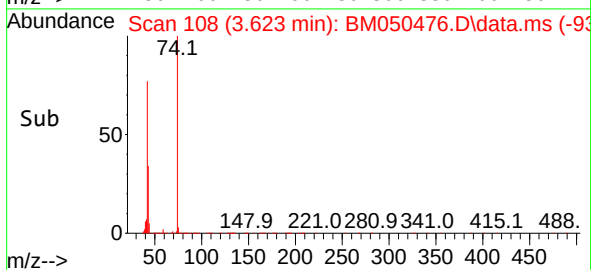
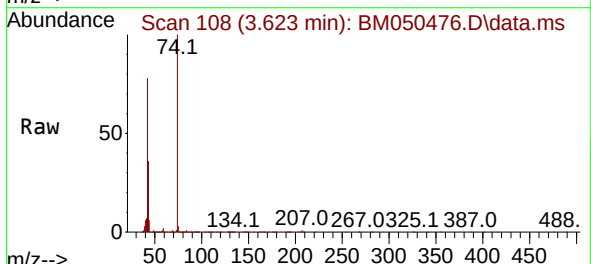
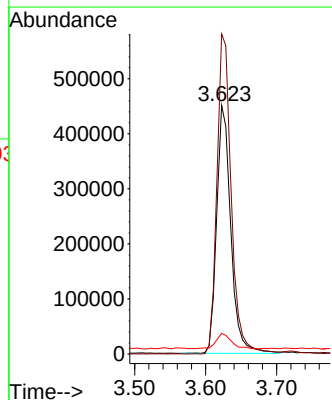
Manual Integrations
APPROVED

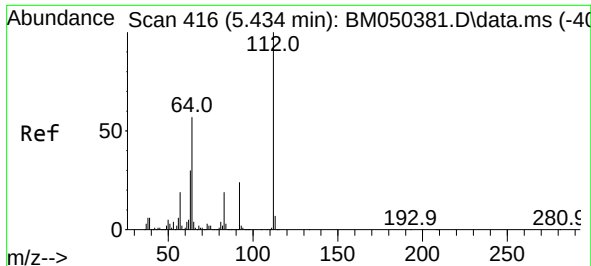
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 41.142 ng
RT: 3.623 min Scan# 108
Delta R.T. -0.011 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

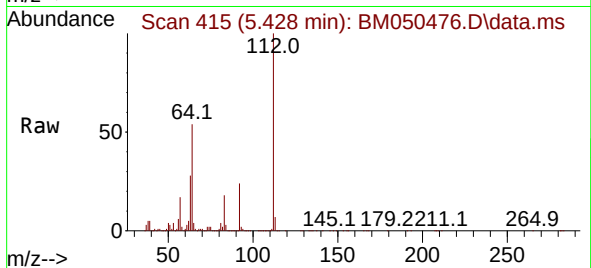
Tgt Ion: 42 Resp: 621168
Ion Ratio Lower Upper
42 100
74 128.7 97.5 146.3
44 8.3 5.7 8.5





#5
2-Fluorophenol
Concen: 129.474 ng
RT: 5.428 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

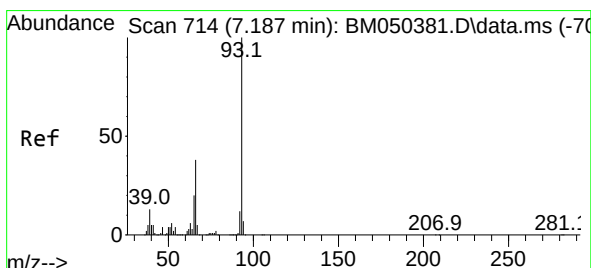
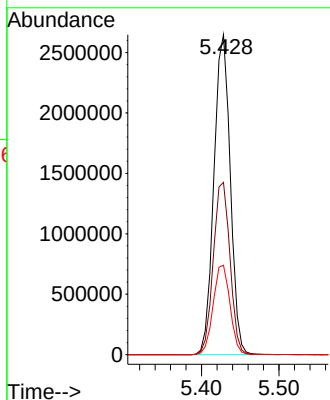
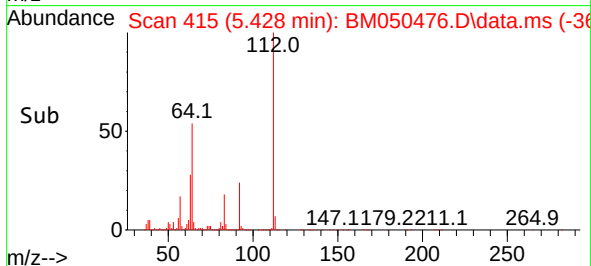
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion: 112 Resp: 388414
Ion Ratio Lower Upper
112 100
64 53.8 45.5 68.3
63 28.0 24.2 36.4

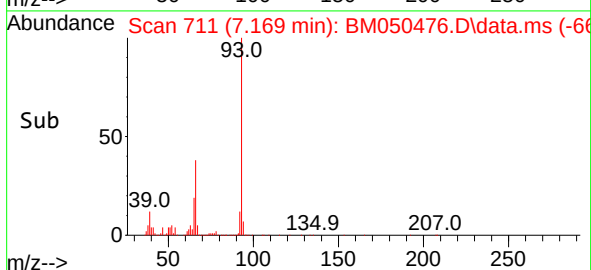
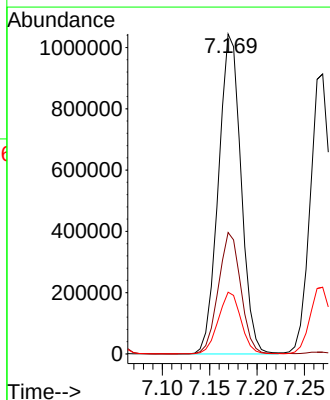
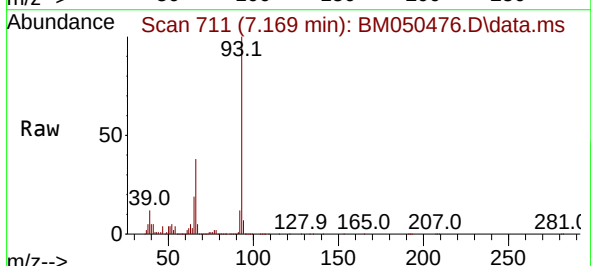
Manual Integrations
APPROVED

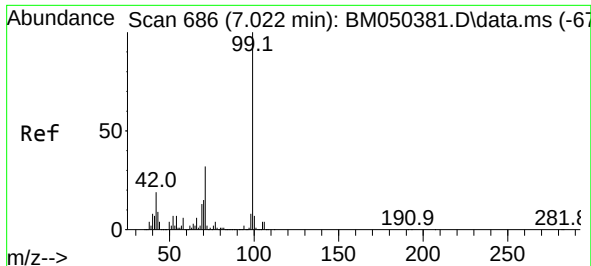
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 35.754 ng
RT: 7.169 min Scan# 711
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

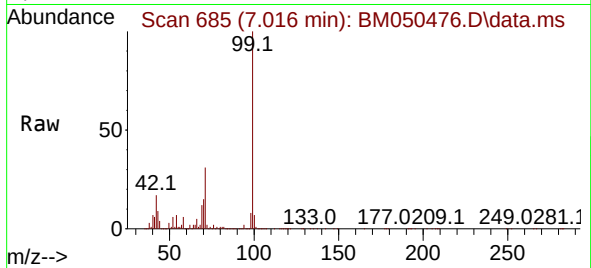
Tgt Ion: 93 Resp: 1735247
Ion Ratio Lower Upper
93 100
66 37.9 30.5 45.7
65 19.3 15.9 23.9





#7
Phenol-d6
Concen: 130.124 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

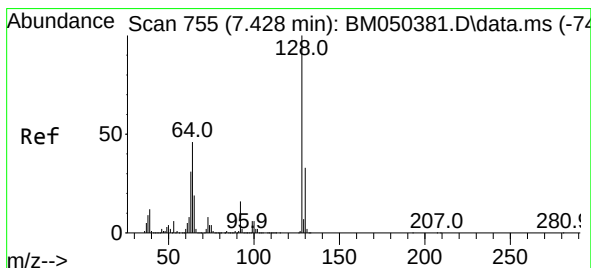
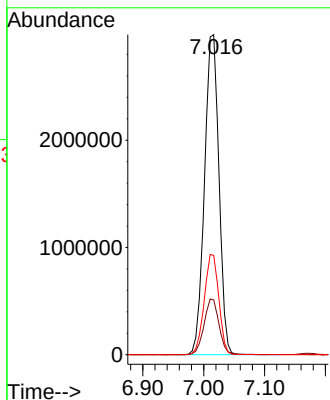
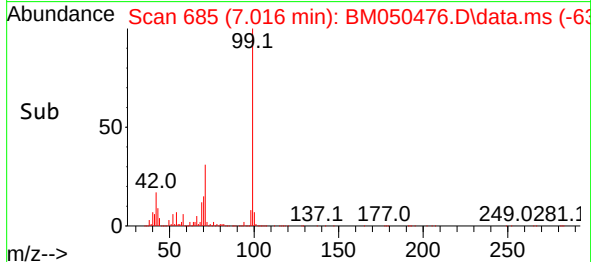
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion: 99 Resp: 4920980
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.6
71 31.0 25.9 38.9

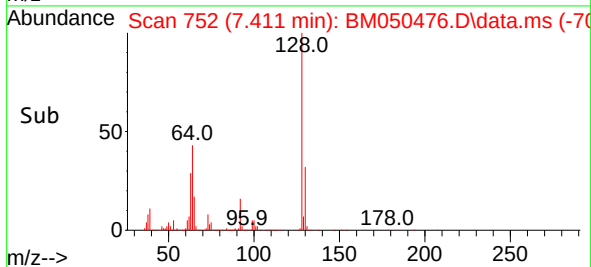
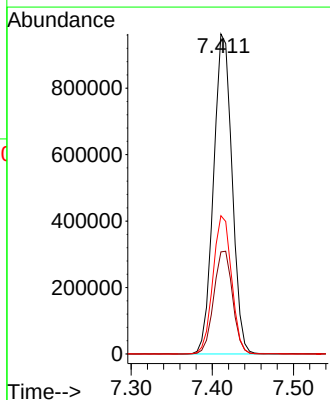
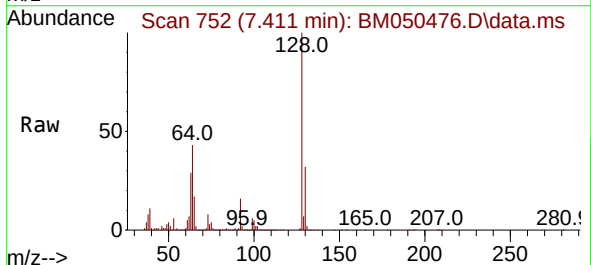
Manual Integrations
APPROVED

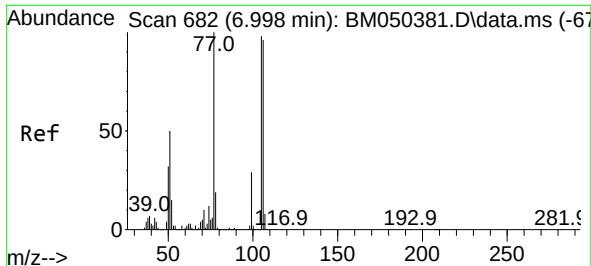
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#8
2-Chlorophenol
Concen: 48.364 ng
RT: 7.411 min Scan# 752
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

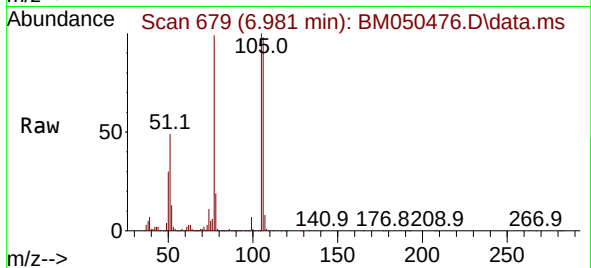
Tgt Ion:128 Resp: 1529899
Ion Ratio Lower Upper
128 100
130 31.9 13.3 53.3
64 43.2 25.6 65.6





#9
Benzaldehyde
Concen: 39.168 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

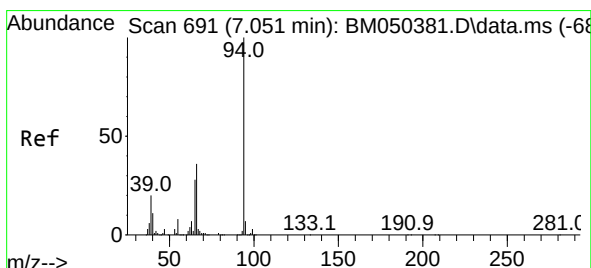
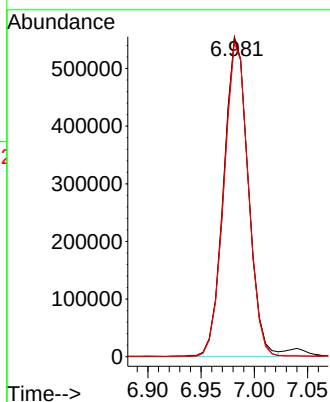
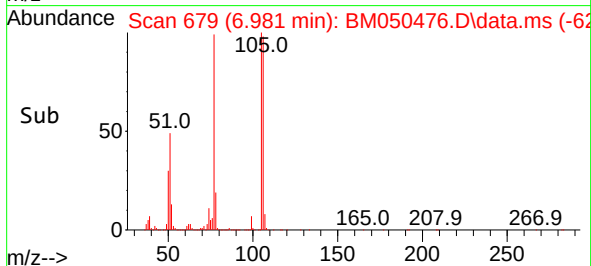
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion: 77 Resp: 88114
Ion Ratio Lower Upper
77 100
105 100.6 78.4 118.4
106 98.6 76.3 116.3

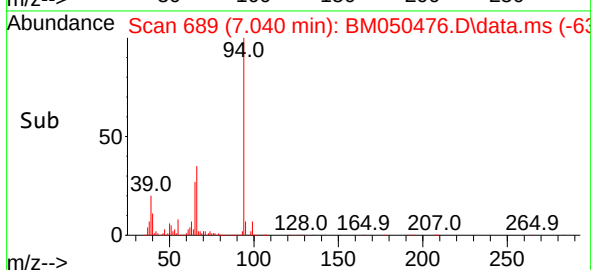
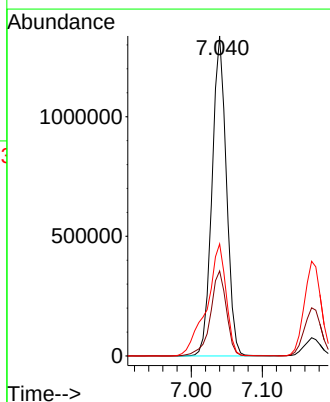
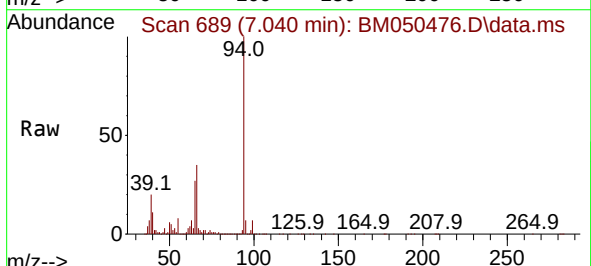
Manual Integrations
APPROVED

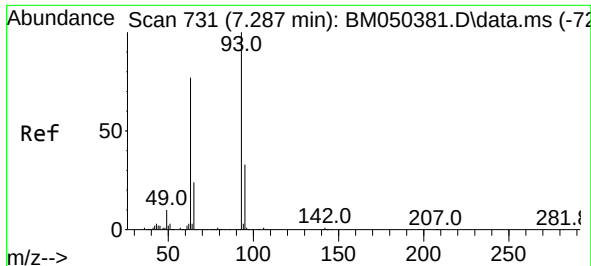
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#10
Phenol
Concen: 47.560 ng
RT: 7.040 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

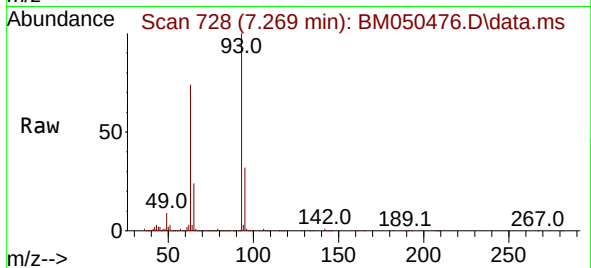
Tgt Ion: 94 Resp: 1875951
Ion Ratio Lower Upper
94 100
65 26.6 8.1 48.1
66 35.0 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 43.571 ng
RT: 7.269 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

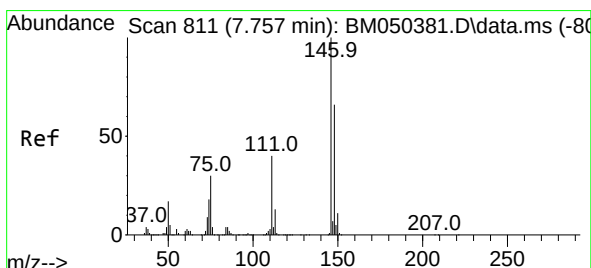
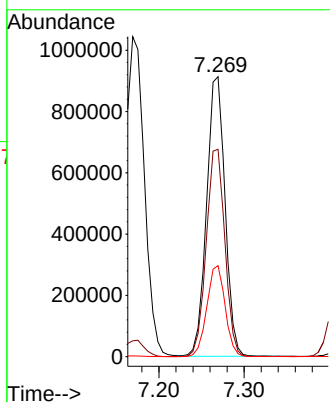
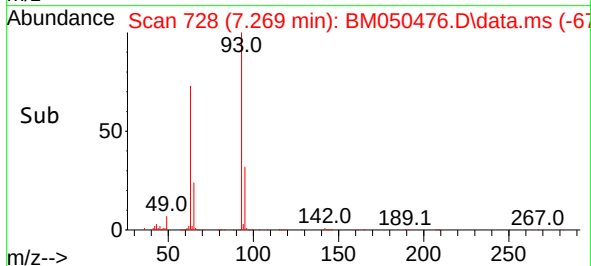
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion: 93 Resp: 137634
Ion Ratio Lower Upper
93 100
63 74.1 56.9 96.9
95 32.5 12.6 52.6

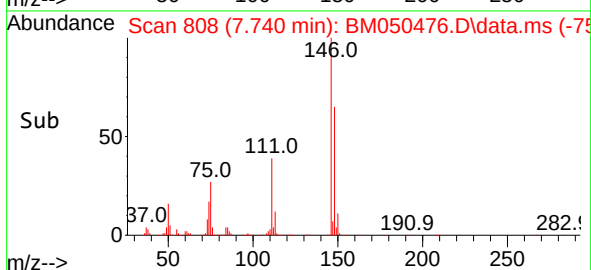
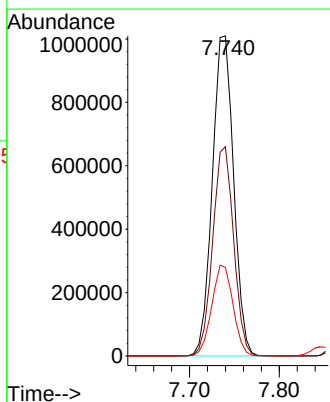
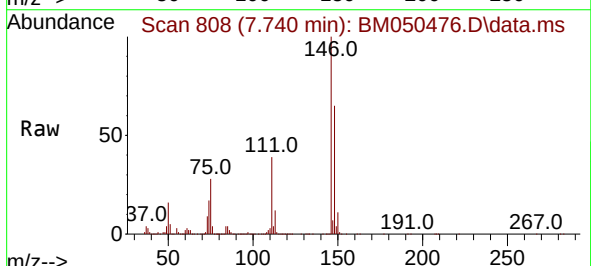
Manual Integrations
APPROVED

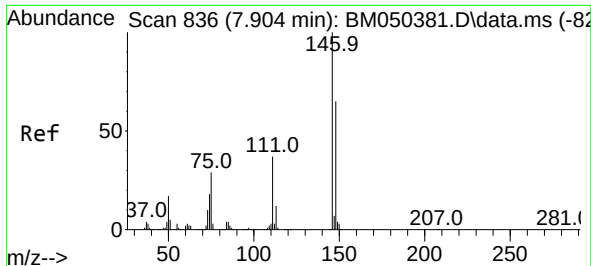
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 43.267 ng
RT: 7.740 min Scan# 808
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

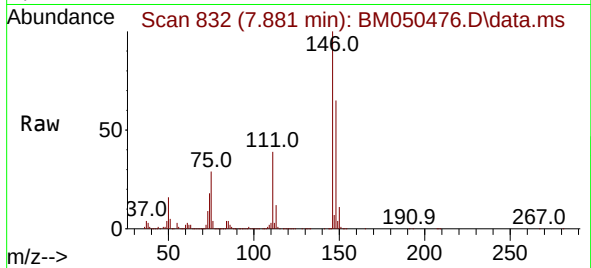
Tgt Ion:146 Resp: 1664239
Ion Ratio Lower Upper
146 100
148 65.4 53.2 79.8
75 27.6 23.9 35.9





#13
1,4-Dichlorobenzene
Concen: 42.987 ng
RT: 7.881 min Scan# 811
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

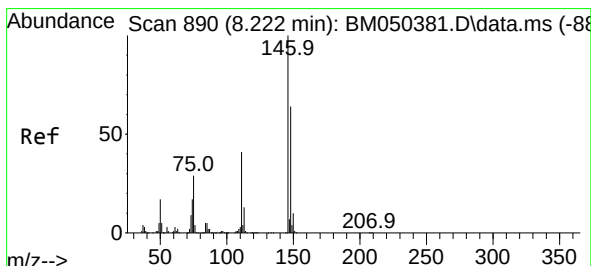
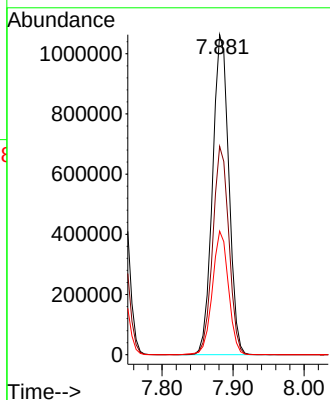
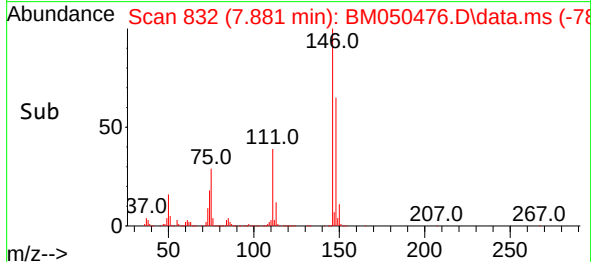
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:146 Resp: 1688340
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 38.6 30.0 45.0

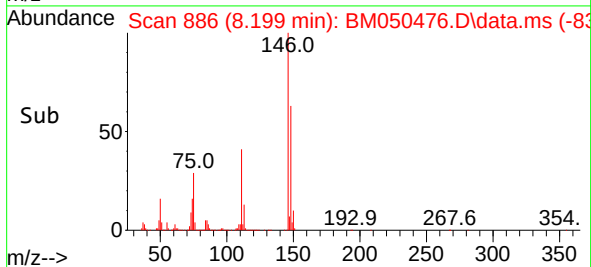
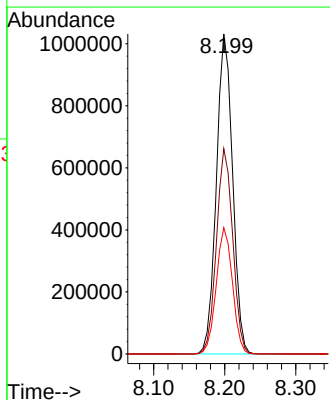
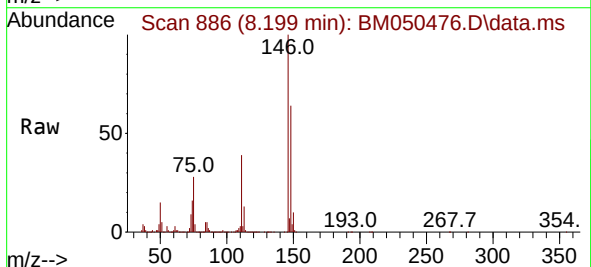
Manual Integrations
APPROVED

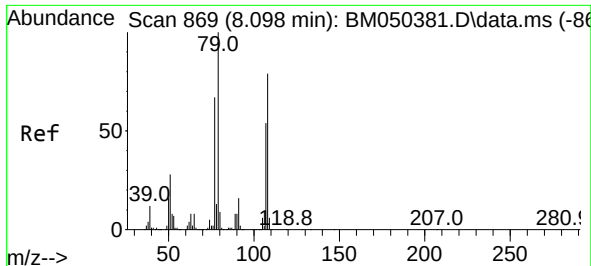
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#14
1,2-Dichlorobenzene
Concen: 43.341 ng
RT: 8.199 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

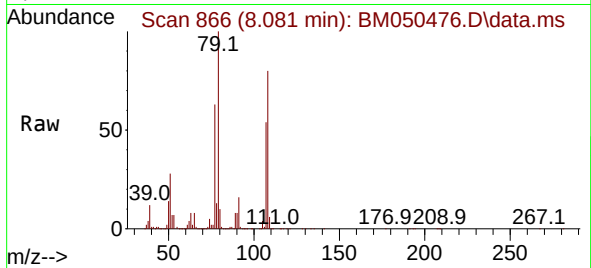
Tgt Ion:146 Resp: 1629704
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 39.5 32.6 49.0





#15
Benzyl Alcohol
Concen: 46.649 ng
RT: 8.081 min Scan# 80
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

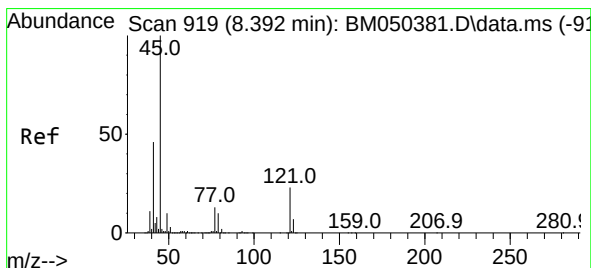
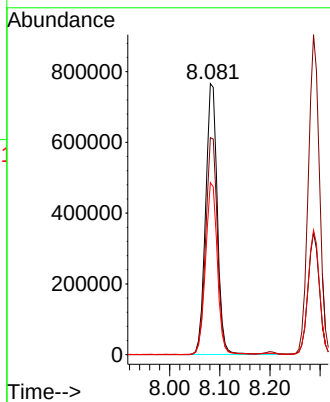
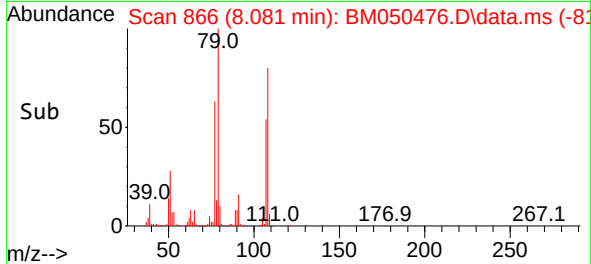
Instrument :
BNA_M
ClientSampleId :
PB168885BS



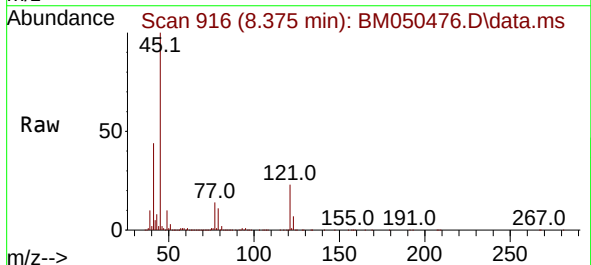
Tgt Ion: 79 Resp: 124301
Ion Ratio Lower Upper
79 100
108 80.0 63.0 94.4
77 63.4 53.4 80.0

Manual Integrations
APPROVED

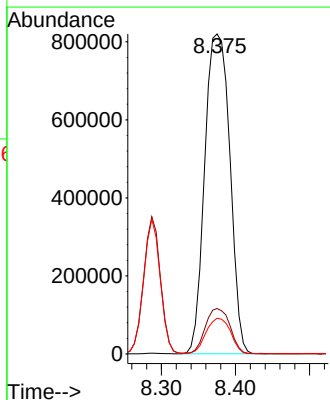
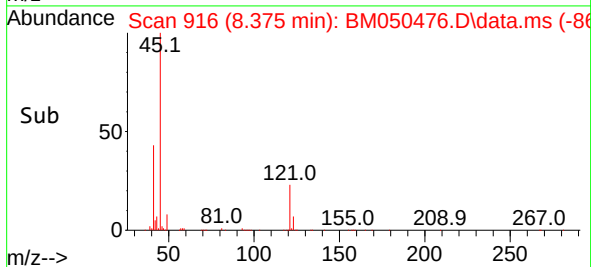
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

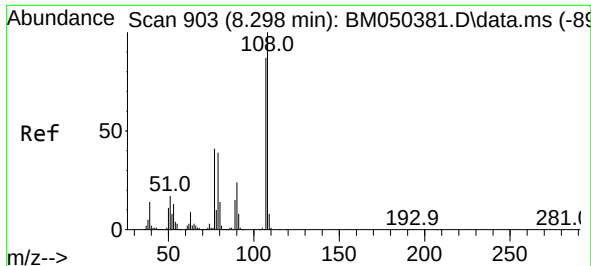


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.604 ng
RT: 8.375 min Scan# 916
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



Tgt Ion: 45 Resp: 1935814
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.5
79 11.2 0.0 30.3





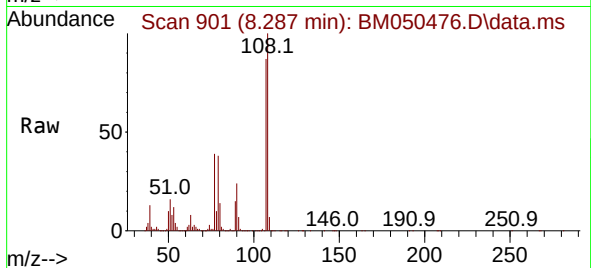
#17
2-Methylphenol
Concen: 47.389 ng
RT: 8.287 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS



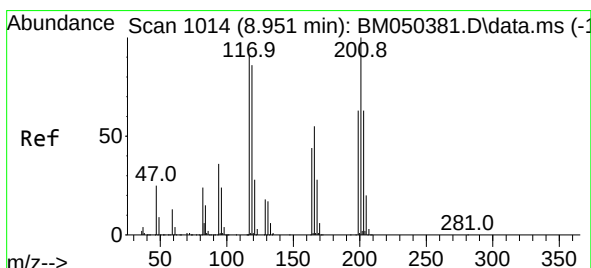
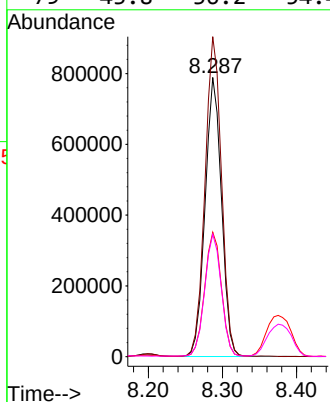
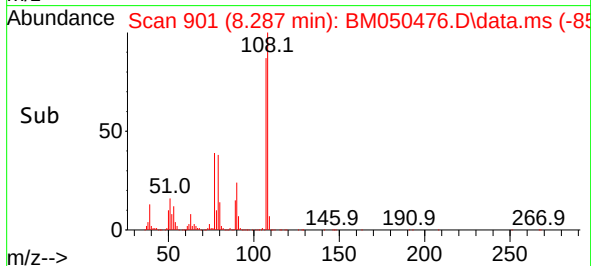
Tgt Ion:107 Resp: 121232
Ion Ratio Lower Upper
107 100
108 114.6 92.1 138.1
77 44.6 38.2 57.4
79 43.8 36.2 54.4

Manual Integrations

APPROVED

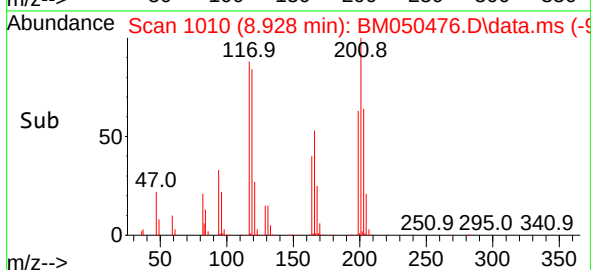
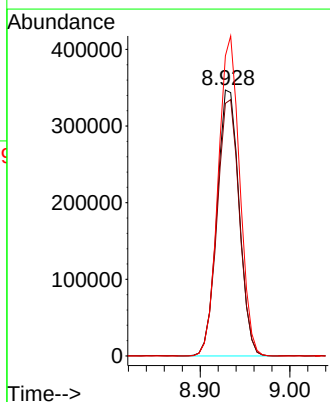
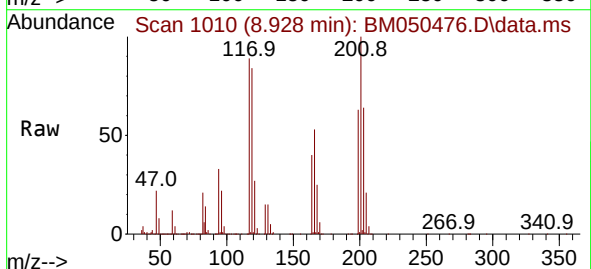
Reviewed By :Rahul Chavli 07/18/2025

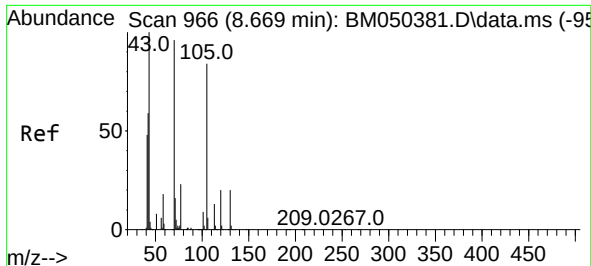
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 43.108 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

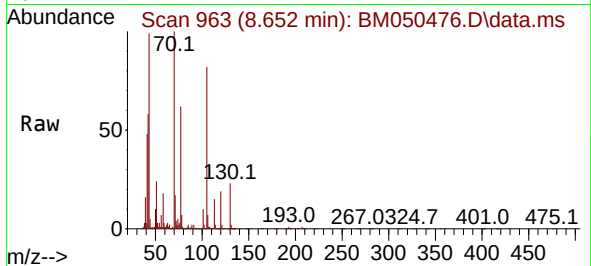
Tgt Ion:117 Resp: 595451
Ion Ratio Lower Upper
117 100
119 95.0 75.6 113.4
201 112.9 87.9 131.9





#19
n-Nitroso-di-n-propylamine
Concen: 45.347 ng
RT: 8.652 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

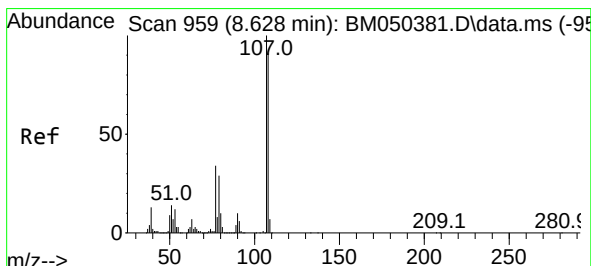
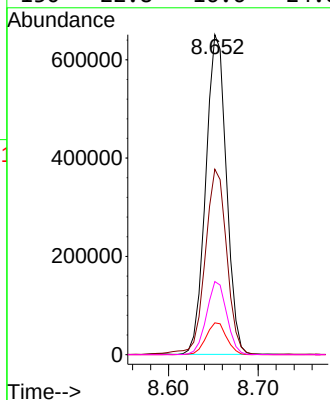
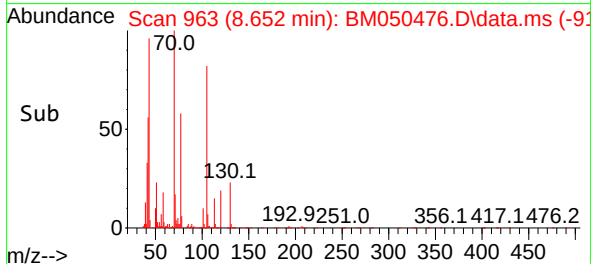
Instrument :
BNA_M
ClientSampleId :
PB168885BS



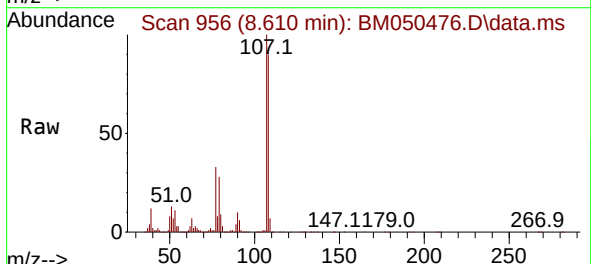
Tgt Ion: 70 Resp: 1038890
Ion Ratio Lower Upper
70 100
42 57.9 49.7 74.5
101 10.0 7.7 11.5
130 22.8 16.6 24.8

Manual Integrations
APPROVED

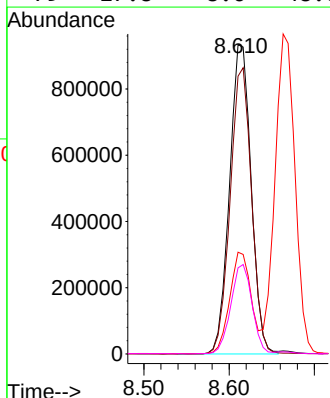
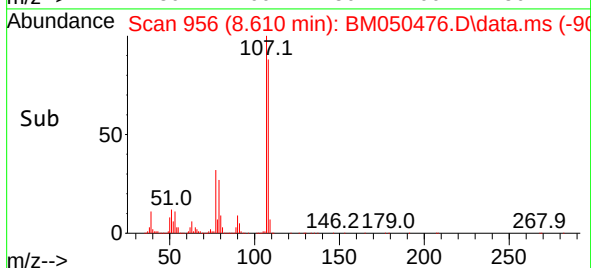
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

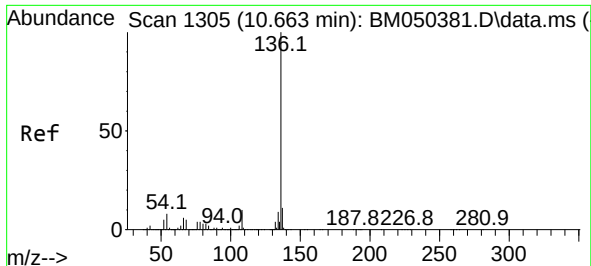


#20
3+4-Methylphenols
Concen: 47.812 ng
RT: 8.610 min Scan# 956
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



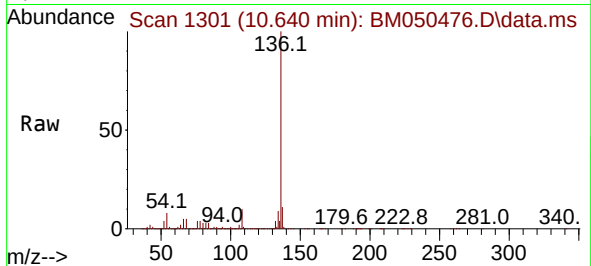
Tgt Ion:107 Resp: 1642016
Ion Ratio Lower Upper
107 100
108 89.8 71.5 111.5
77 32.9 13.7 53.7
79 27.8 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 11
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

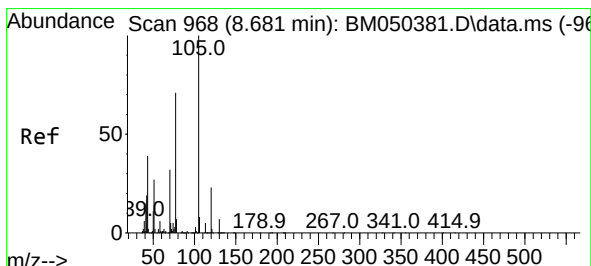
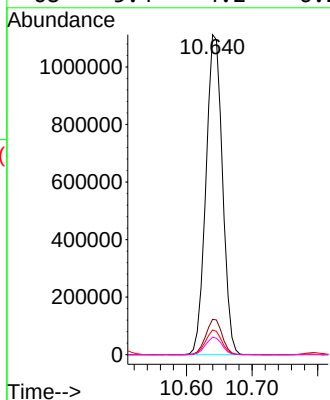
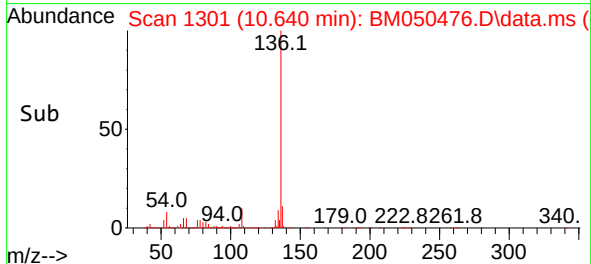
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:136 Resp: 194820
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.3 9.5
68 5.4 4.2 6.2

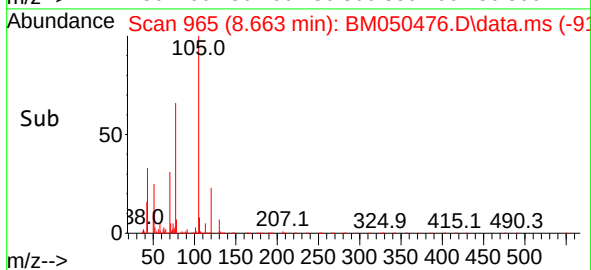
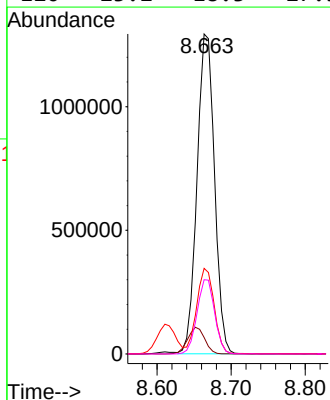
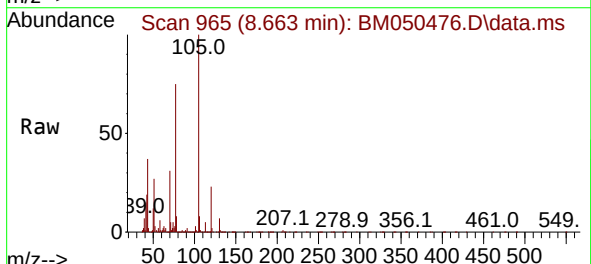
Manual Integrations
APPROVED

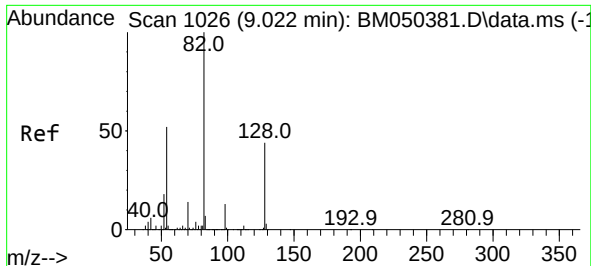
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 43.537 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

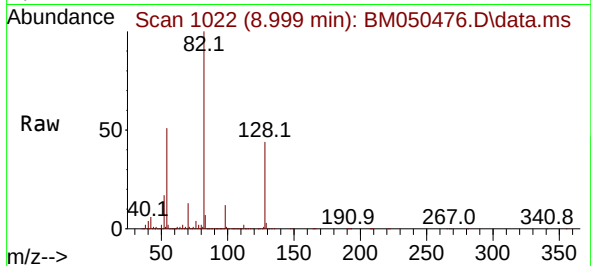
Tgt Ion:105 Resp: 2120698
Ion Ratio Lower Upper
105 100
71 5.1 4.4 6.6
51 26.8 23.0 34.6
120 23.2 18.3 27.5





#23
Nitrobenzene-d5
Concen: 76.825 ng
RT: 8.999 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

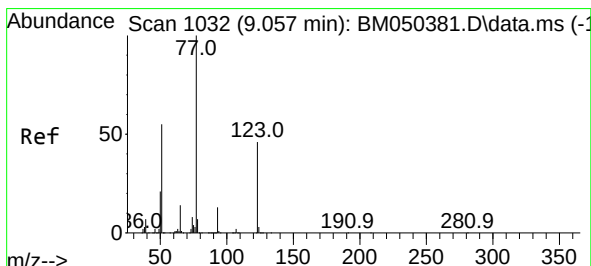
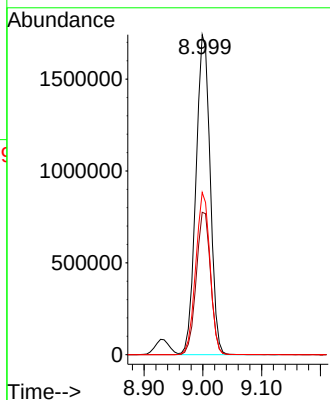
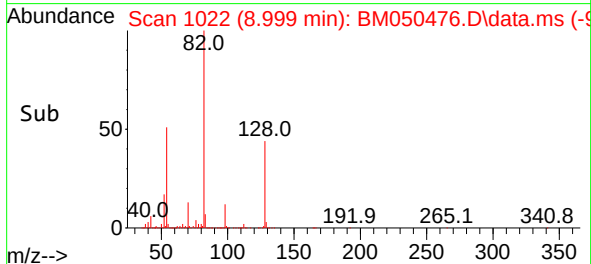
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion: 82 Resp: 2933678
Ion Ratio Lower Upper
82 100
128 44.5 35.2 52.8
54 50.7 41.5 62.3

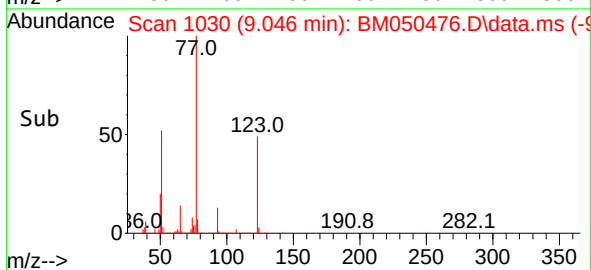
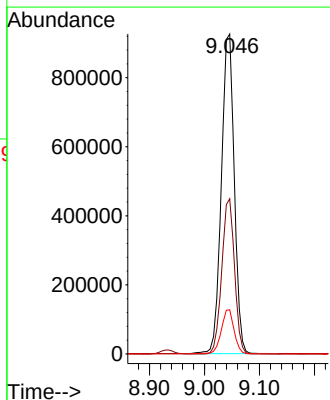
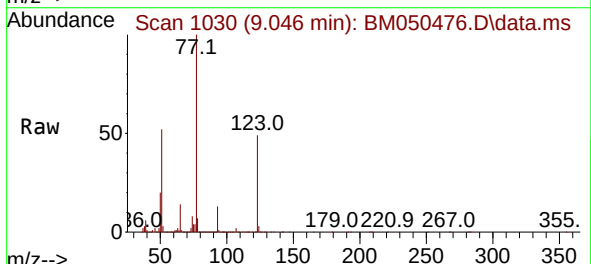
Manual Integrations
APPROVED

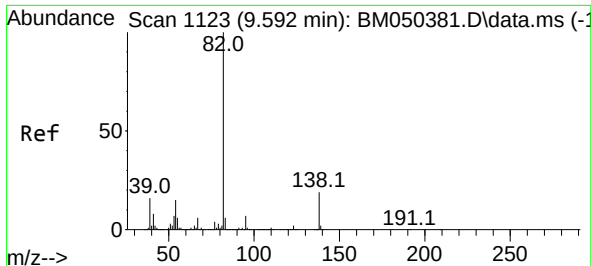
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#24
Nitrobenzene
Concen: 44.305 ng
RT: 9.046 min Scan# 1030
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

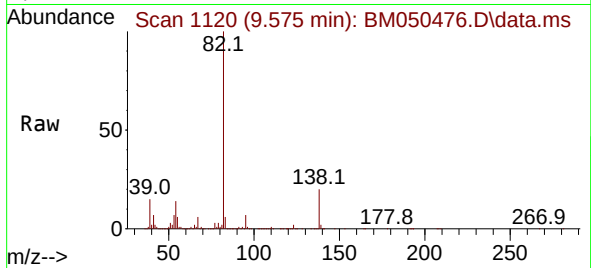
Tgt Ion: 77 Resp: 1509739
Ion Ratio Lower Upper
77 100
123 48.5 37.0 55.6
65 13.8 11.0 16.4





#25
Isophorone
Concen: 45.423 ng
RT: 9.575 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

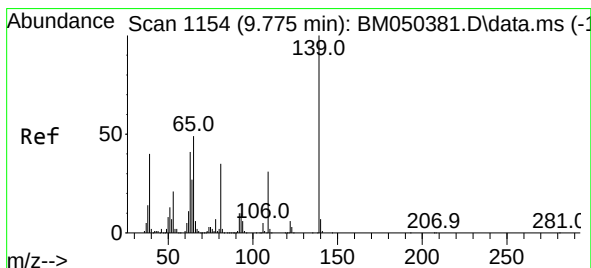
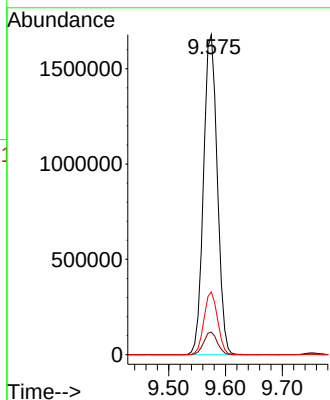
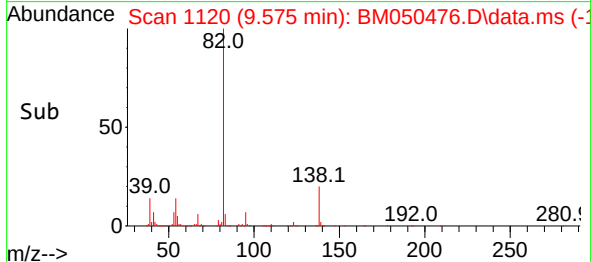
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion: 82 Resp: 2814614
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.6 15.3 22.9

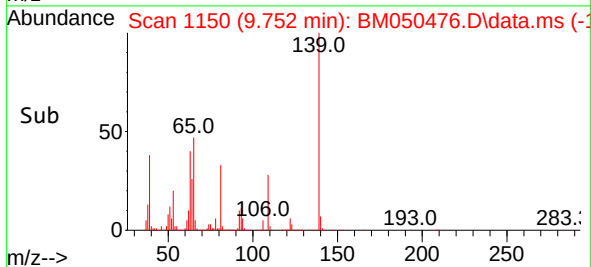
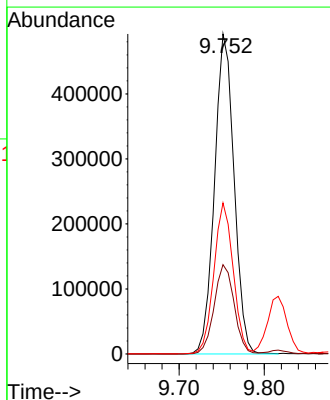
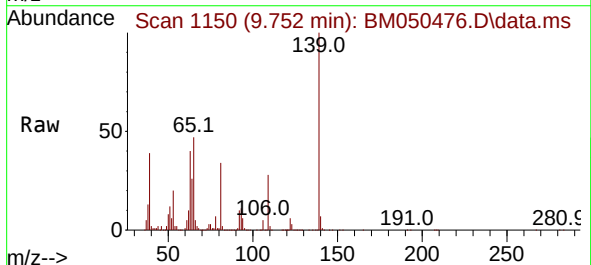
Manual Integrations
APPROVED

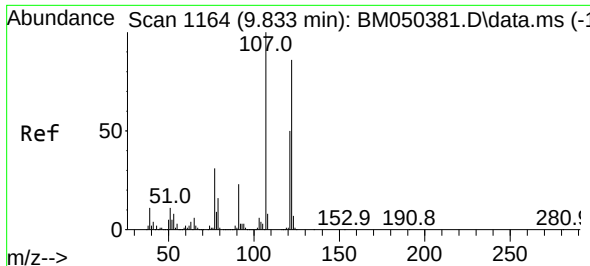
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 56.446 ng
RT: 9.752 min Scan# 1150
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

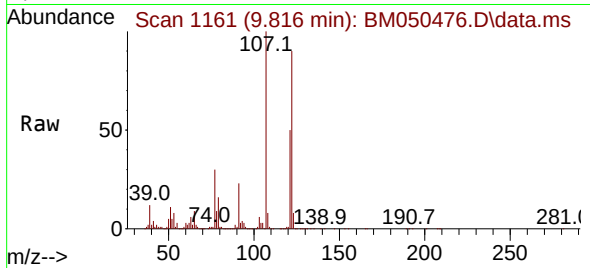
Tgt Ion:139 Resp: 783921
Ion Ratio Lower Upper
139 100
109 27.9 24.6 36.8
65 47.2 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 48.416 ng
RT: 9.816 min Scan# 1161
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

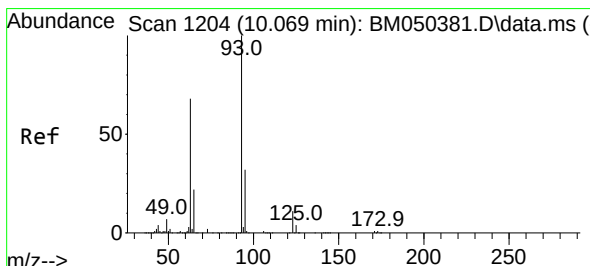
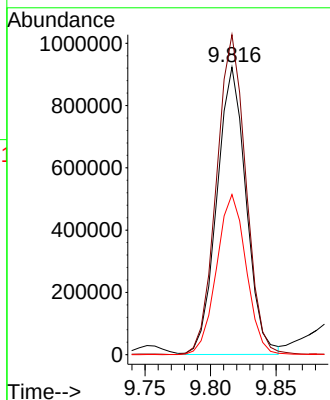
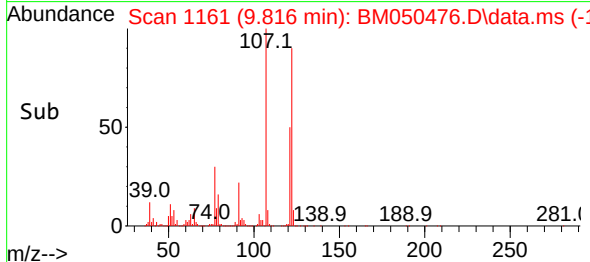
Instrument :
BNA_M
ClientSampleId :
PB168885BS



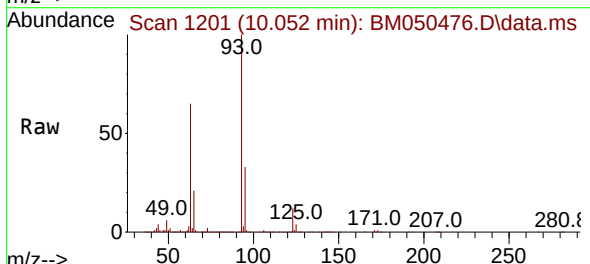
Tgt Ion:122 Resp: 1430792
Ion Ratio Lower Upper
122 100
107 111.3 93.0 139.6
121 55.7 46.1 69.1

Manual Integrations
APPROVED

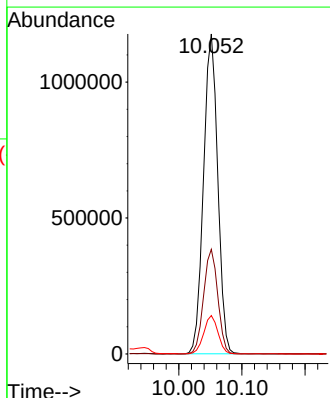
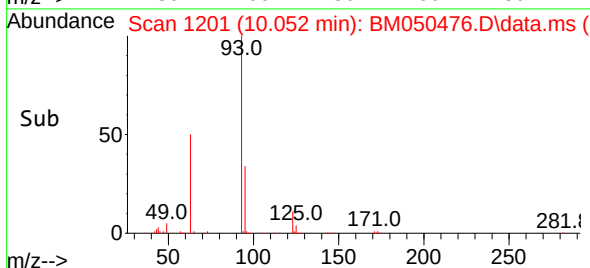
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

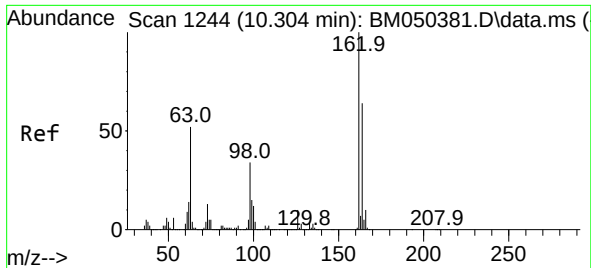


#28
bis(2-Chloroethoxy)methane
Concen: 44.768 ng
RT: 10.052 min Scan# 1201
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



Tgt Ion: 93 Resp: 1838156
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 12.0 9.1 13.7





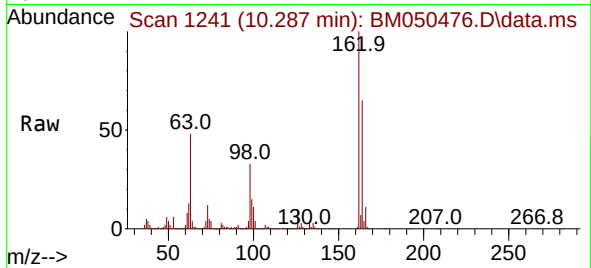
#29
2,4-Dichlorophenol
Concen: 50.768 ng
RT: 10.287 min Scan# 1241
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS



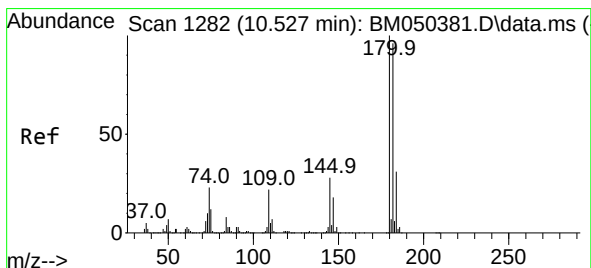
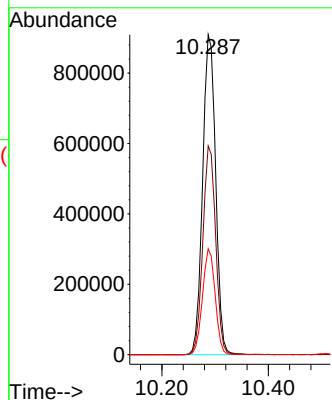
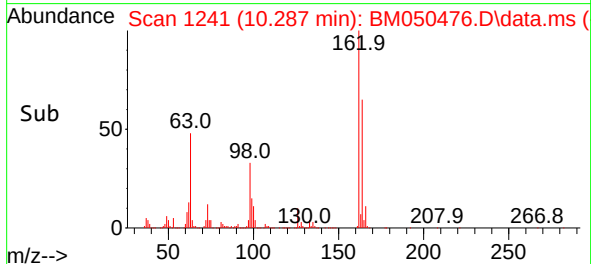
Tgt Ion:162 Resp: 1541348
Ion Ratio Lower Upper
162 100
164 65.2 43.7 83.7
98 33.1 13.7 53.7

Manual Integrations

APPROVED

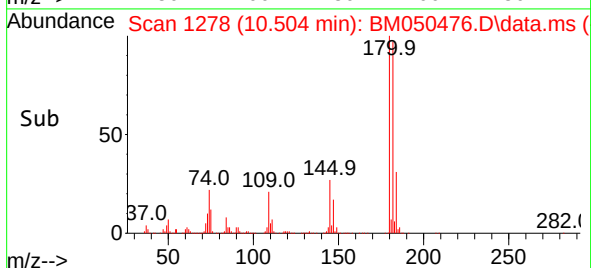
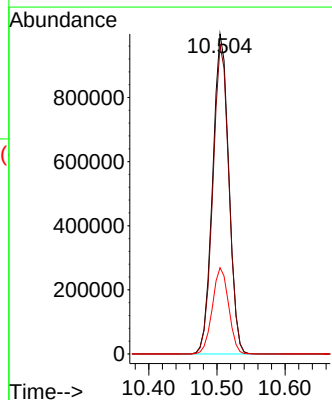
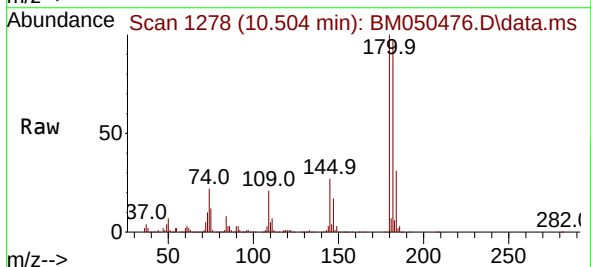
Reviewed By :Rahul Chavli 07/18/2025

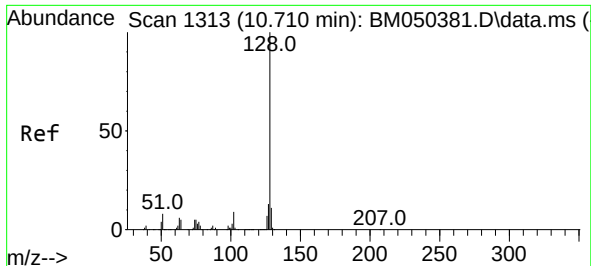
Supervised By :Jagrut Upadhyay 07/18/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.296 ng
RT: 10.504 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

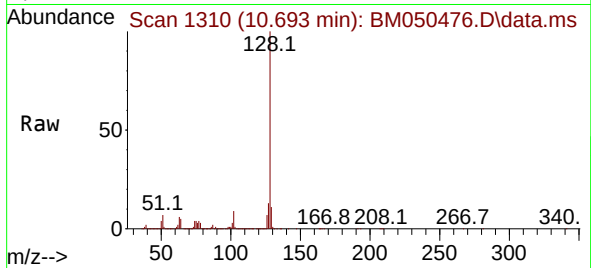
Tgt Ion:180 Resp: 1645152
Ion Ratio Lower Upper
180 100
182 96.5 76.8 115.2
145 27.0 22.6 33.8





#31
Naphthalene
Concen: 43.933 ng
RT: 10.693 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

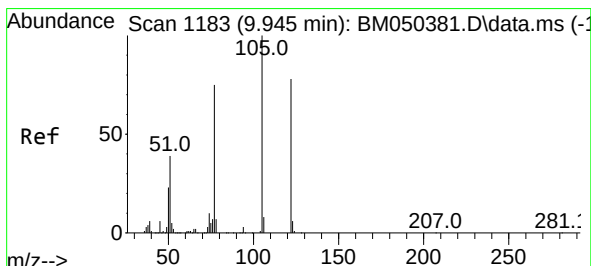
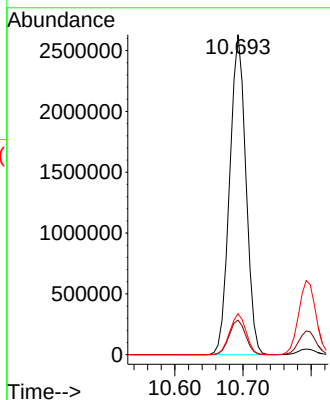
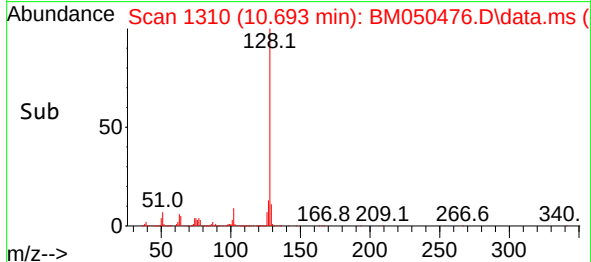
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:128 Resp: 4347399
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.4 15.6

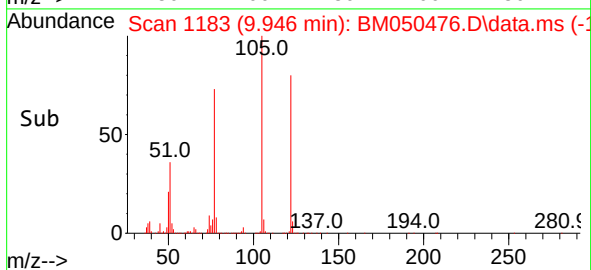
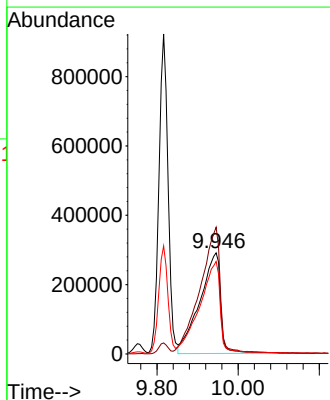
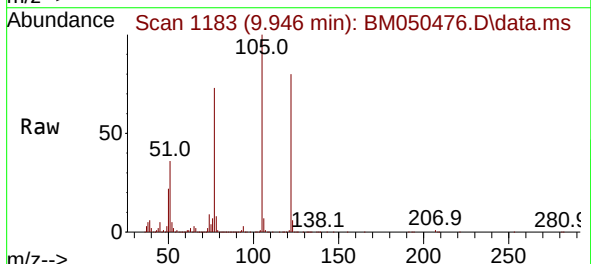
Manual Integrations
APPROVED

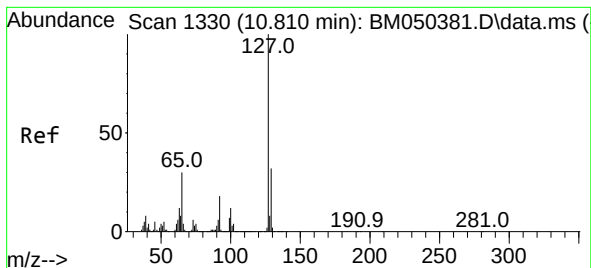
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 55.734 ng
RT: 9.946 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

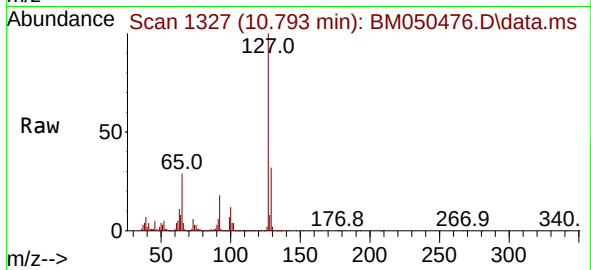
Tgt Ion:122 Resp: 1030936
Ion Ratio Lower Upper
122 100
105 125.2 104.0 144.0
77 91.4 73.8 113.8





#33
4-Chloroaniline
Concen: 25.564 ng
RT: 10.793 min Scan# 1327
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

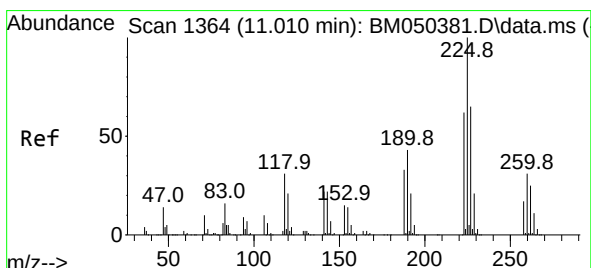
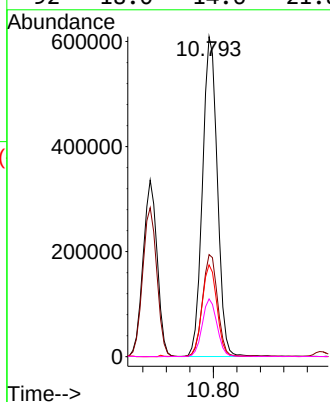
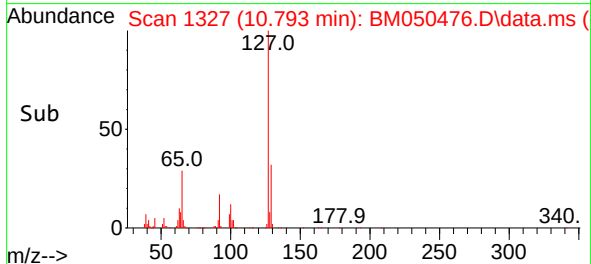
Instrument :
BNA_M
ClientSampleId :
PB168885BS



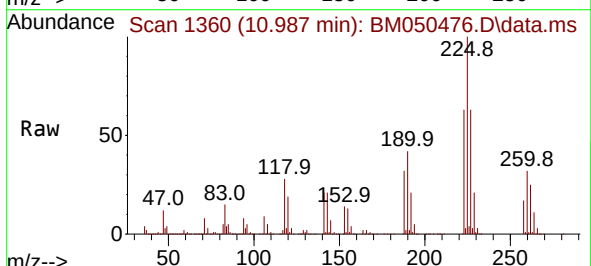
Tgt Ion:127 Resp: 106943
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 28.7 23.9 35.9
92 18.0 14.6 21.8

Manual Integrations
APPROVED

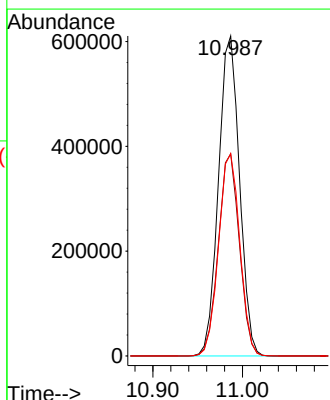
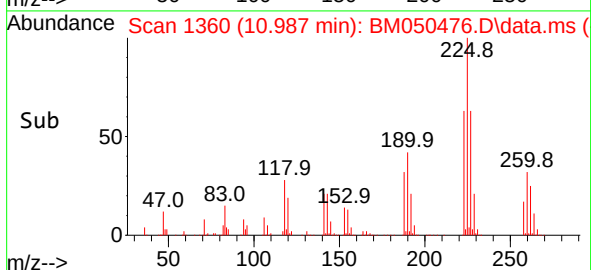
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

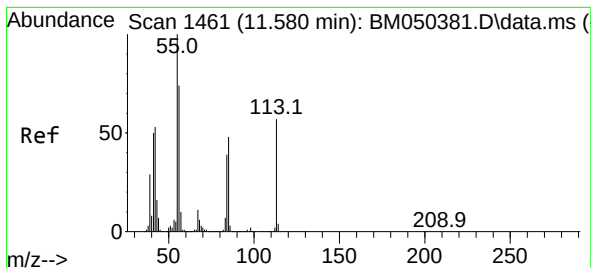


#34
Hexachlorobutadiene
Concen: 44.805 ng
RT: 10.987 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



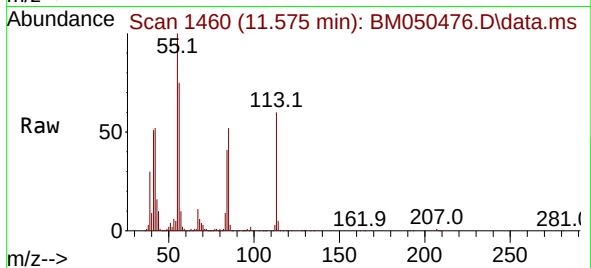
Tgt Ion:225 Resp: 993212
Ion Ratio Lower Upper
225 100
223 63.1 49.7 74.5
227 63.3 52.1 78.1





#35
Caprolactam
Concen: 53.108 ng m
RT: 11.575 min Scan# 1461
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

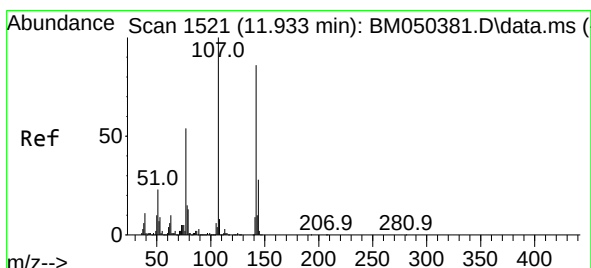
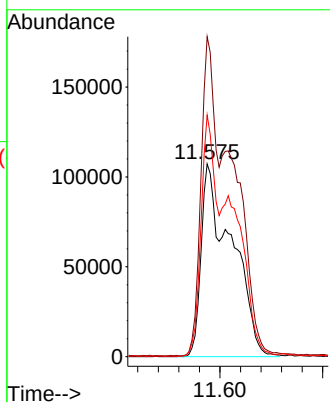
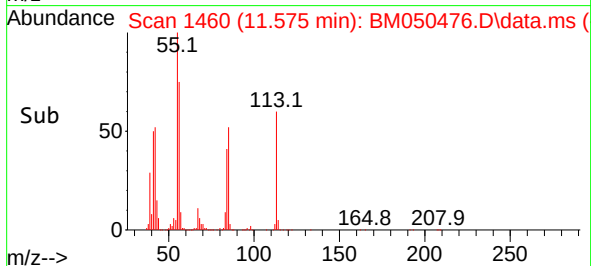
Instrument :
BNA_M
ClientSampleId :
PB168885BS



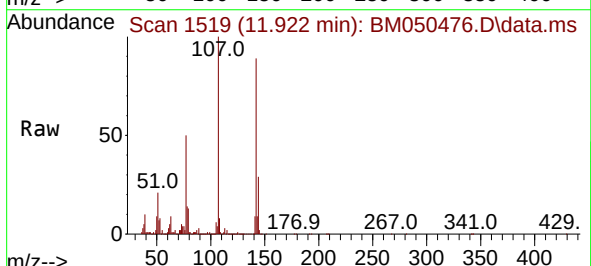
Tgt Ion:113 Resp: 44016
Ion Ratio Lower Upper
113 100
55 165.9 157.2 197.2
56 125.3 111.7 151.7

Manual Integrations
APPROVED

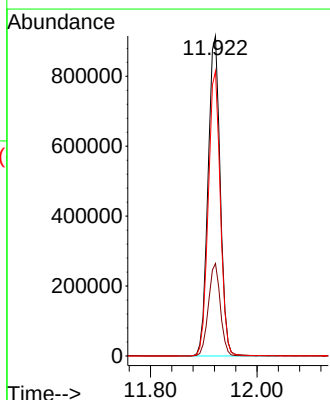
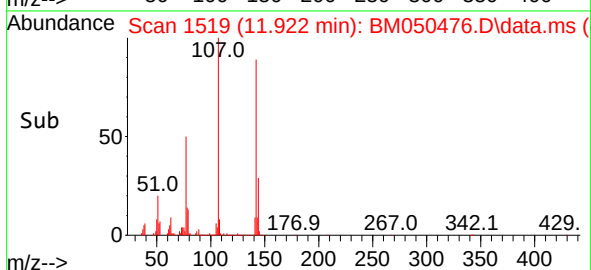
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

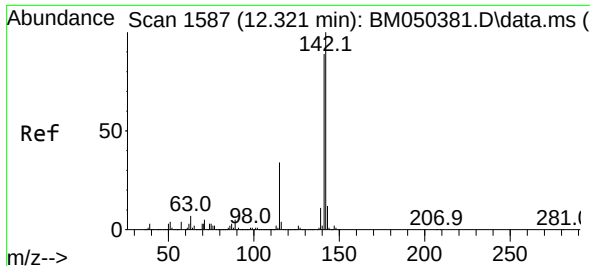


#36
4-Chloro-3-methylphenol
Concen: 51.138 ng
RT: 11.922 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



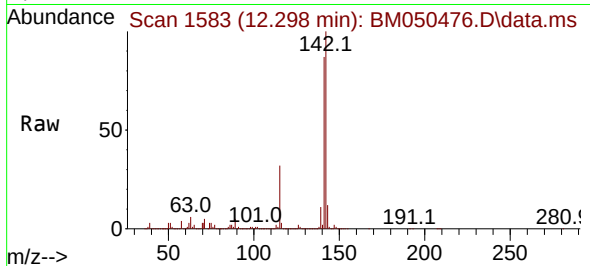
Tgt Ion:107 Resp: 1449850
Ion Ratio Lower Upper
107 100
144 28.9 22.2 33.4
142 89.0 68.7 103.1





#37
2-Methylnaphthalene
Concen: 46.526 ng
RT: 12.298 min Scan# 1583
Delta R.T. -0.005 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

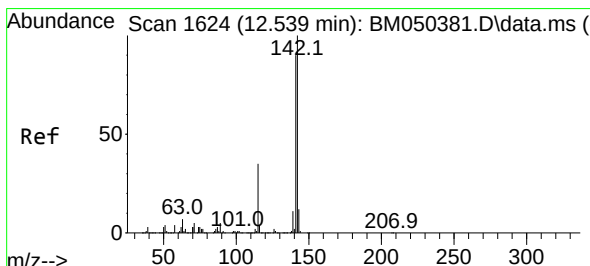
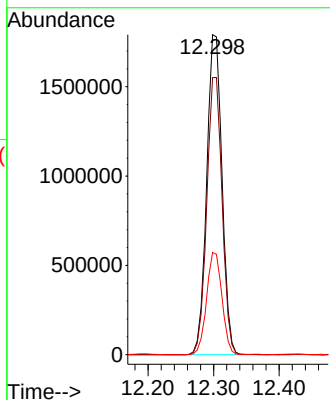
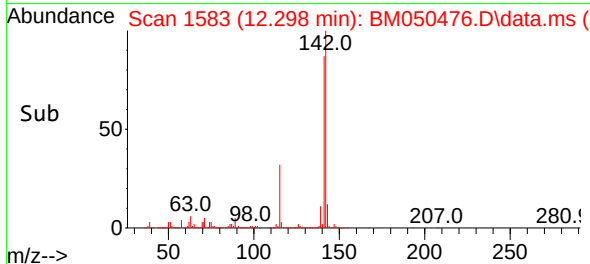
Instrument :
BNA_M
ClientSampleId :
PB168885BS



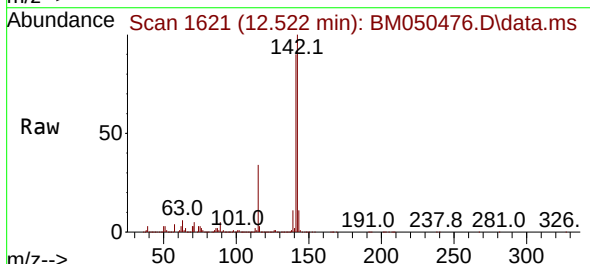
Tgt Ion:142 Resp: 290696
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 31.9 27.0 40.4

Manual Integrations
APPROVED

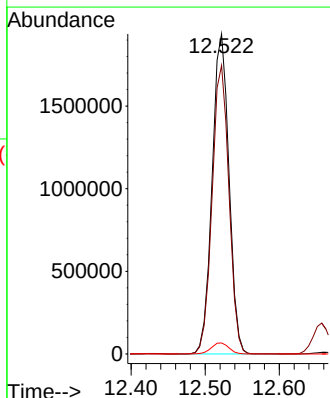
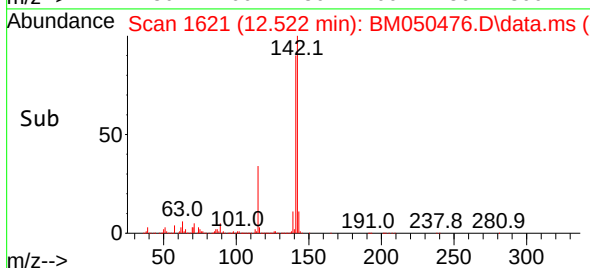
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

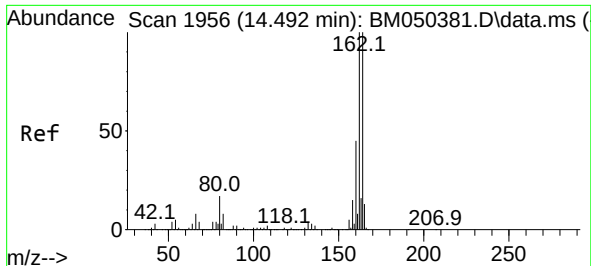


#38
1-Methylnaphthalene
Concen: 46.083 ng
RT: 12.522 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



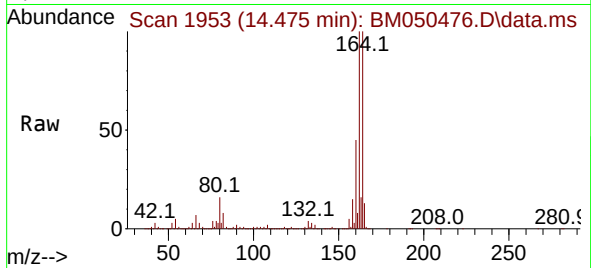
Tgt Ion:142 Resp: 3047148
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9
116 3.5 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

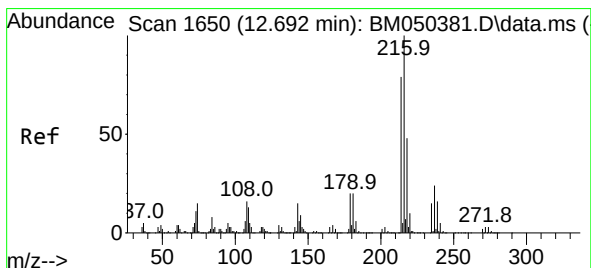
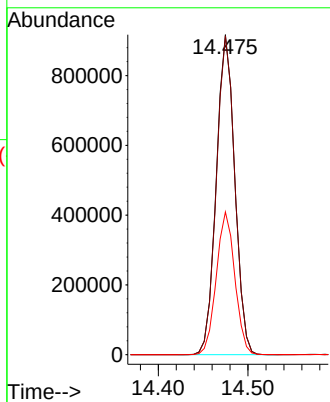
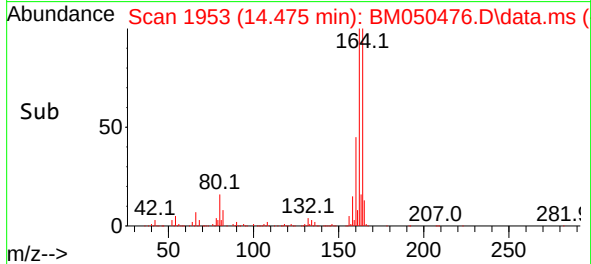
Instrument :
BNA_M
ClientSampleId :
PB168885BS



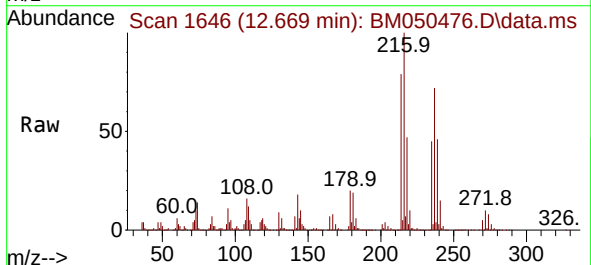
Tgt Ion:164 Resp: 131333
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 44.6 36.2 54.4

Manual Integrations
APPROVED

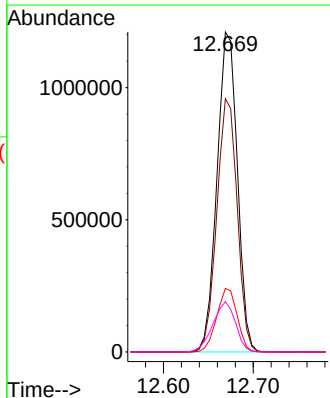
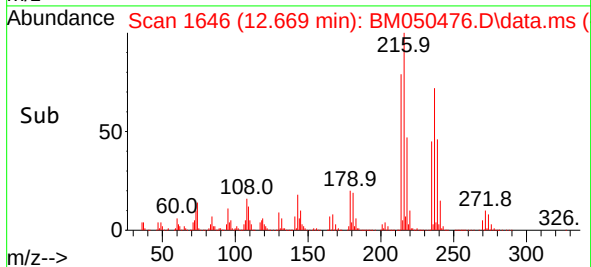
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

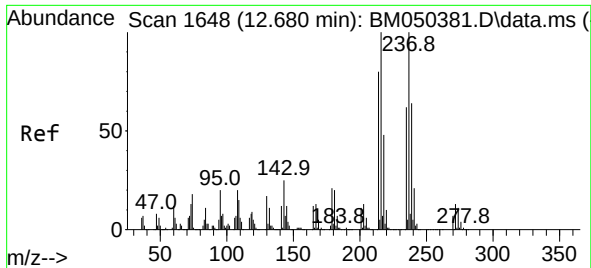


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.724 ng
RT: 12.669 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



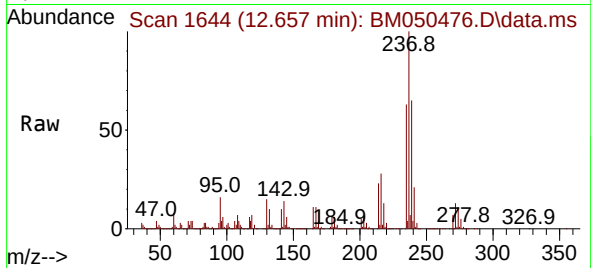
Tgt Ion:216 Resp: 1909685
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 20.0 16.4 24.6
108 17.5 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 97.780 ng
RT: 12.657 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

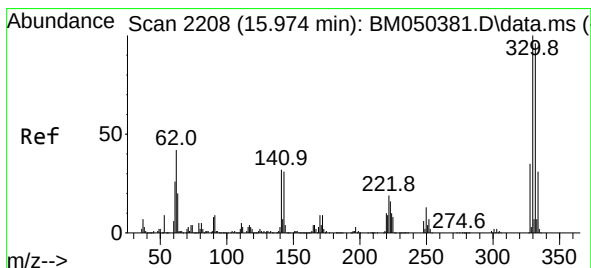
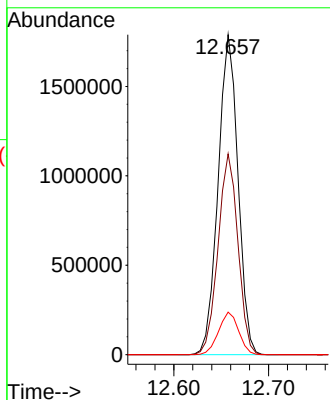
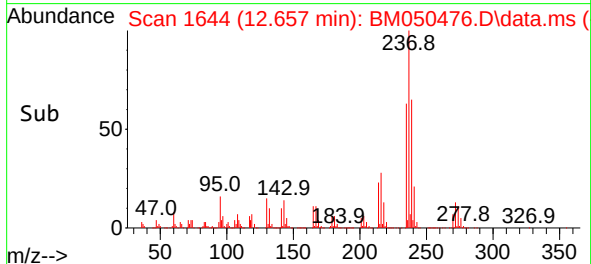
Instrument :
BNA_M
ClientSampleId :
PB168885BS



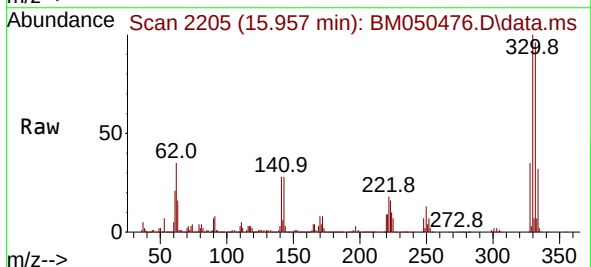
Tgt Ion:237 Resp: 2610418
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 13.3 0.0 33.0

Manual Integrations
APPROVED

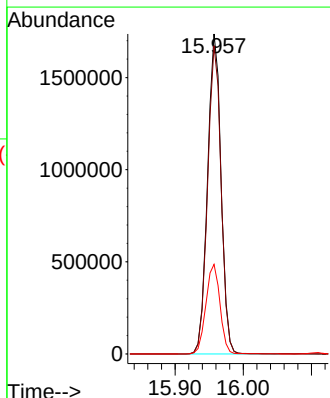
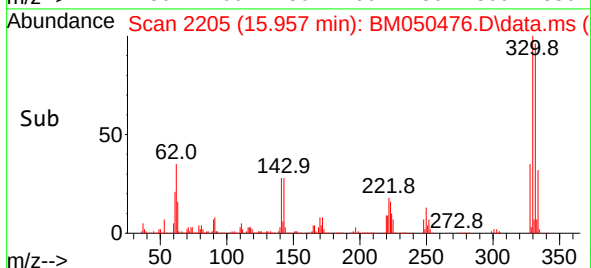
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

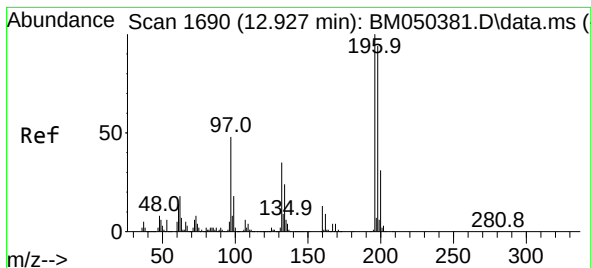


#42
2,4,6-Tribromophenol
Concen: 149.748 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



Tgt Ion:330 Resp: 2389558
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.3 27.4 41.0





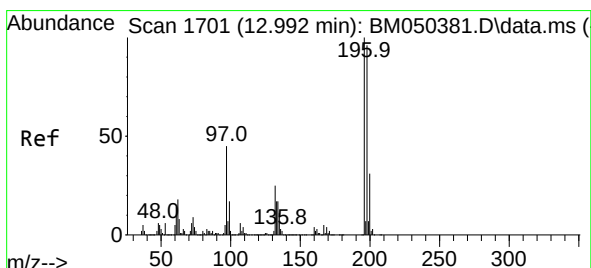
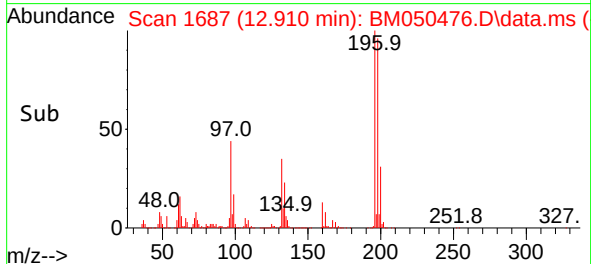
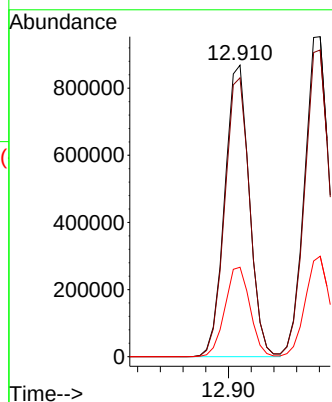
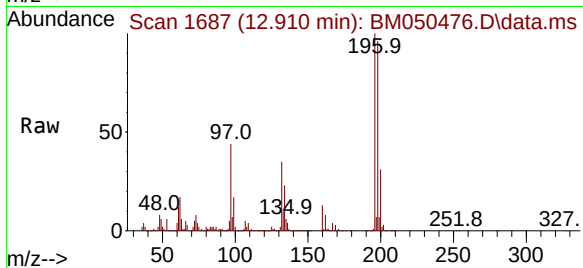
#43
2,4,6-Trichlorophenol
Concen: 50.938 ng
RT: 12.910 min Scan# 1687
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

Tgt Ion:196 Resp: 1309524
Ion Ratio Lower Upper
196 100
198 95.6 75.1 112.7
200 30.7 24.6 37.0

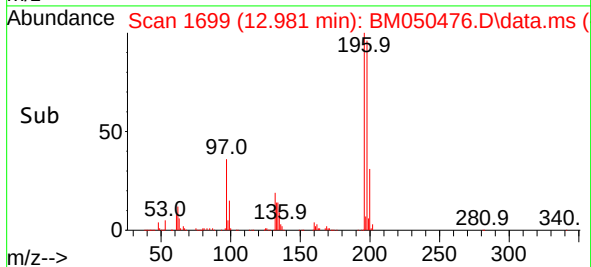
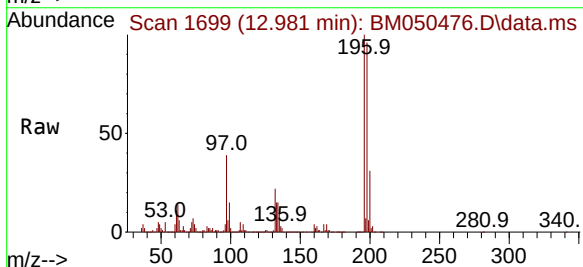
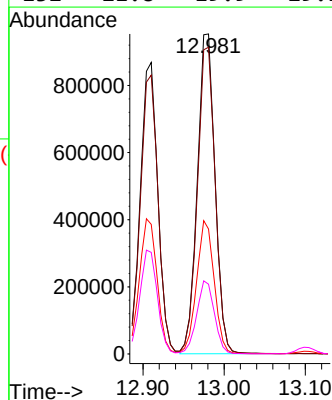
Manual Integrations
APPROVED

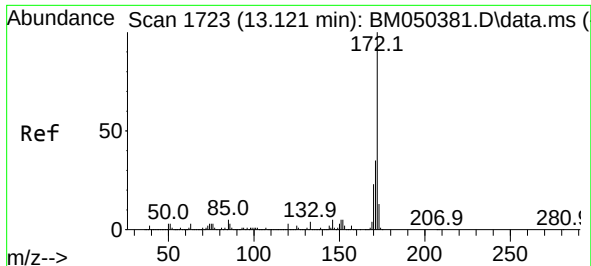
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#44
2,4,5-Trichlorophenol
Concen: 51.658 ng
RT: 12.981 min Scan# 1699
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

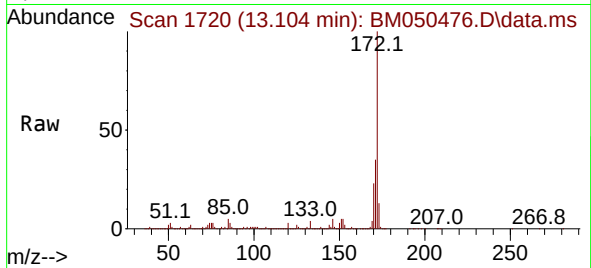
Tgt Ion:196 Resp: 1450386
Ion Ratio Lower Upper
196 100
198 95.8 77.2 115.8
97 39.1 36.2 54.4
132 21.8 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 73.518 ng
RT: 13.104 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

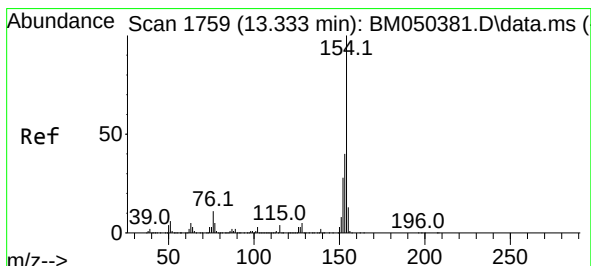
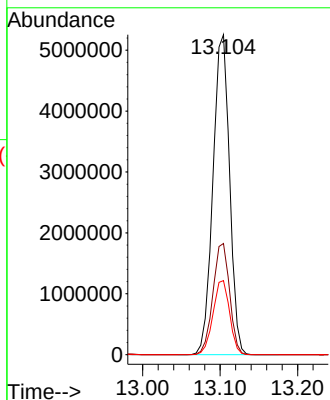
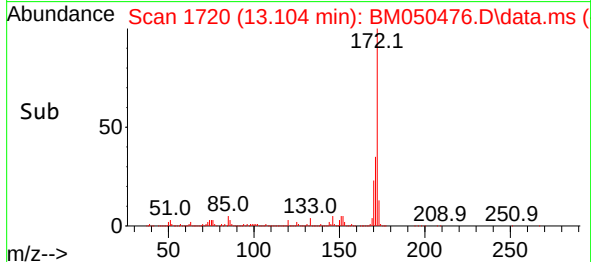
Instrument :
BNA_M
ClientSampleId :
PB168885BS



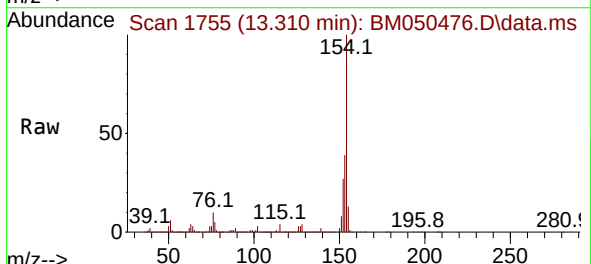
Tgt Ion:172 Resp: 7818500
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.2 18.8 28.2

Manual Integrations
APPROVED

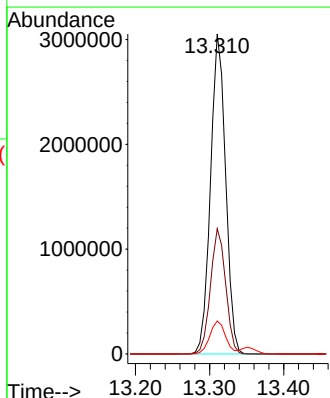
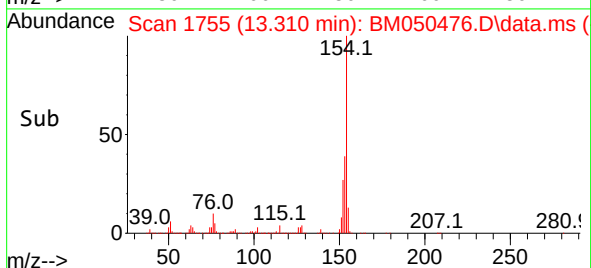
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

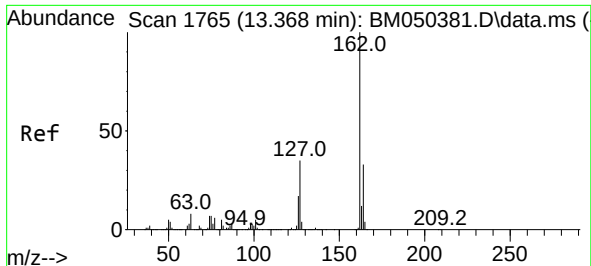


#46
1,1'-Biphenyl
Concen: 44.311 ng
RT: 13.310 min Scan# 1755
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



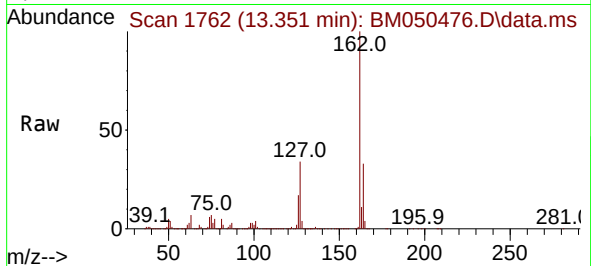
Tgt Ion:154 Resp: 4317725
Ion Ratio Lower Upper
154 100
153 39.1 19.7 59.7
76 10.3 0.0 30.9





#47
2-Chloronaphthalene
Concen: 43.840 ng
RT: 13.351 min Scan# 1762
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

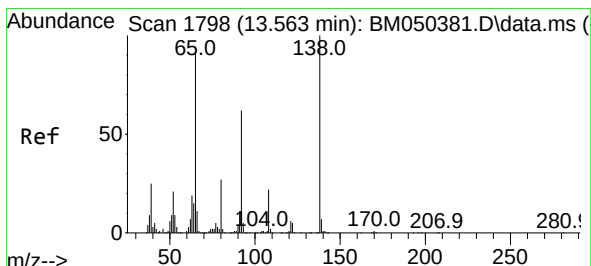
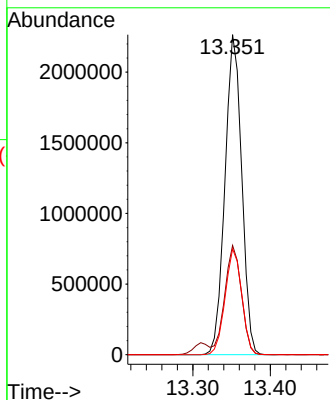
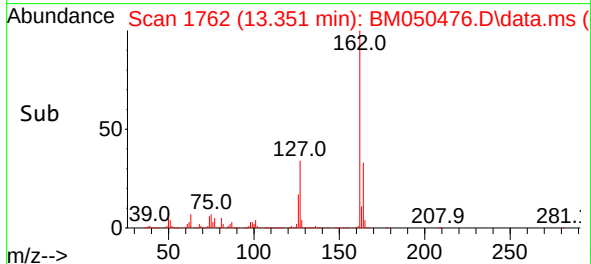
Instrument :
BNA_M
ClientSampleId :
PB168885BS



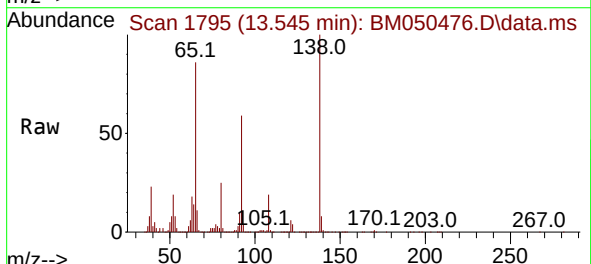
Tgt Ion:162 Resp: 340594
Ion Ratio Lower Upper
162 100
127 34.2 28.3 42.5
164 33.0 26.6 40.0

Manual Integrations
APPROVED

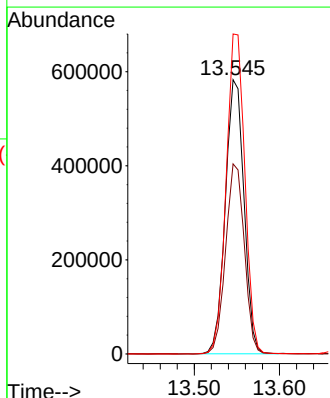
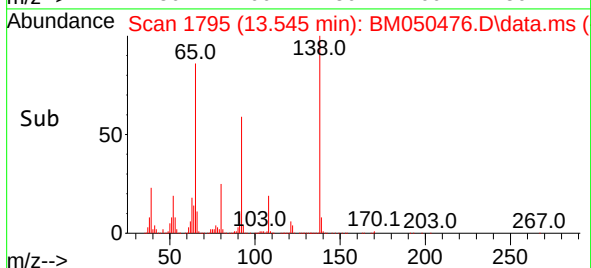
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

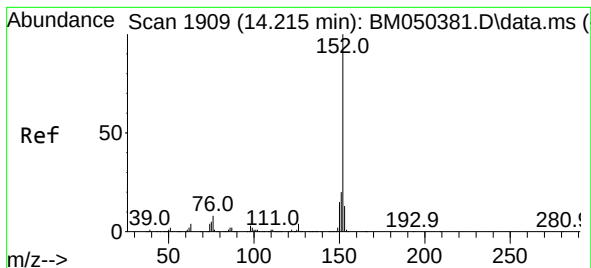


#48
2-Nitroaniline
Concen: 51.189 ng
RT: 13.545 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



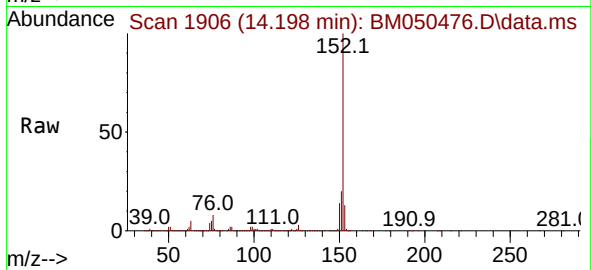
Tgt Ion: 65 Resp: 887681
Ion Ratio Lower Upper
65 100
92 69.3 54.3 81.5
138 116.7 87.8 131.6





#49
Acenaphthylene
Concen: 45.277 ng
RT: 14.198 min Scan# 1906
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

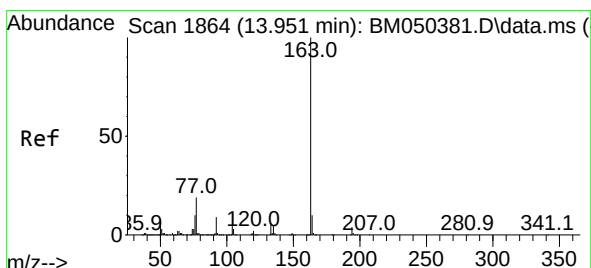
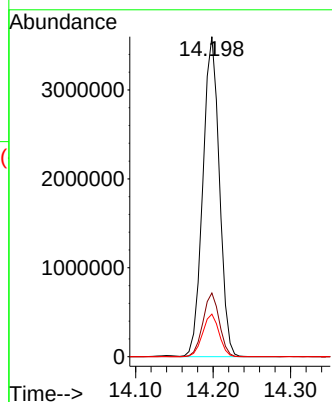
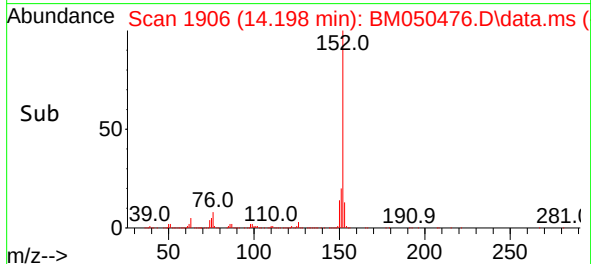
Instrument :
BNA_M
ClientSampleId :
PB168885BS



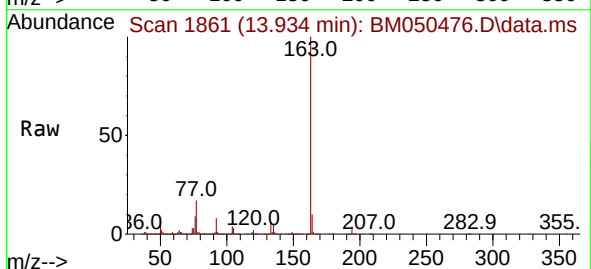
Tgt Ion:152 Resp: 5316054
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.3 10.6 15.8

Manual Integrations
APPROVED

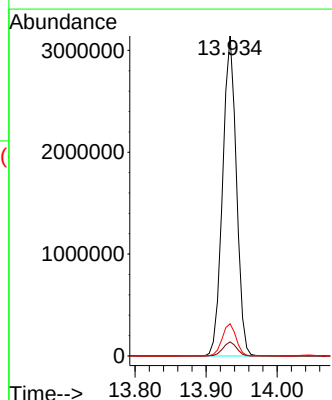
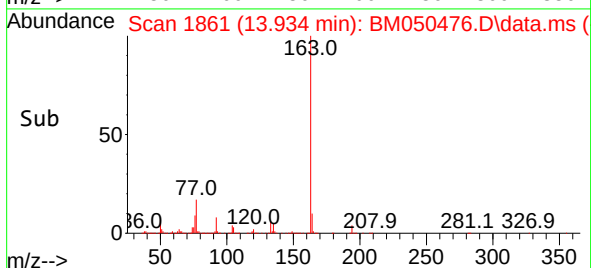
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

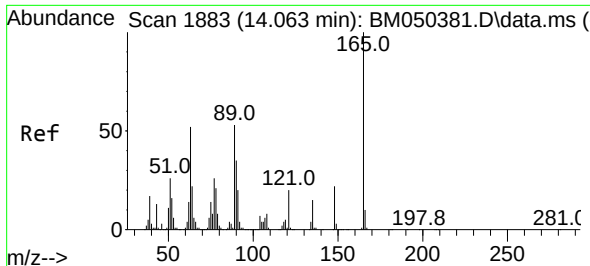


#50
Dimethylphthalate
Concen: 46.615 ng
RT: 13.934 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



Tgt Ion:163 Resp: 4214908
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.2 12.2





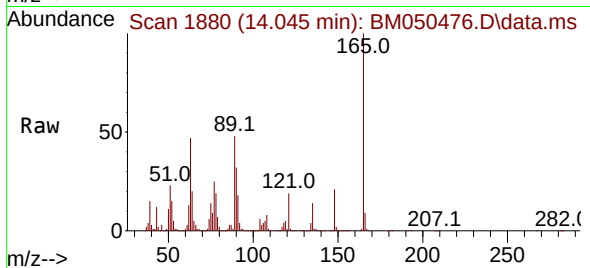
#51
2,6-Dinitrotoluene
Concen: 51.738 ng
RT: 14.045 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

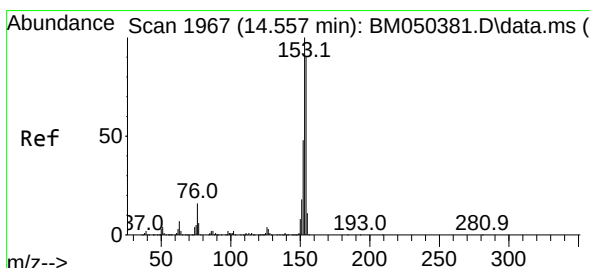
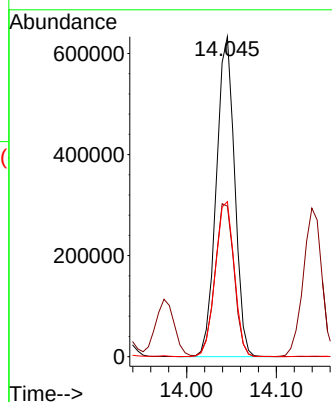
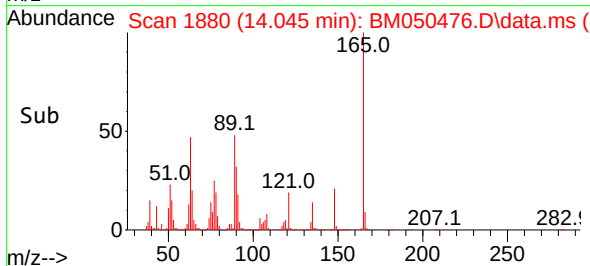


Tgt Ion:165 Resp: 898217
Ion Ratio Lower Upper
165 100
63 47.1 42.4 63.6
89 48.4 42.2 63.2

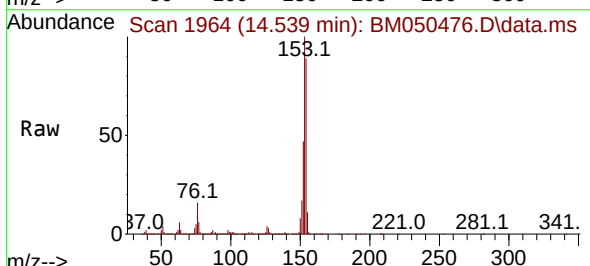
Manual Integrations

APPROVED

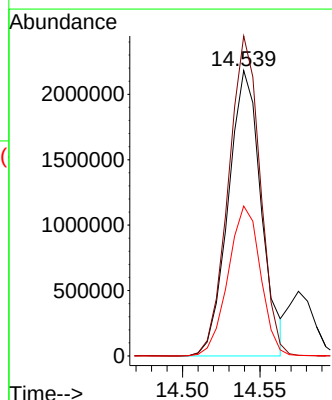
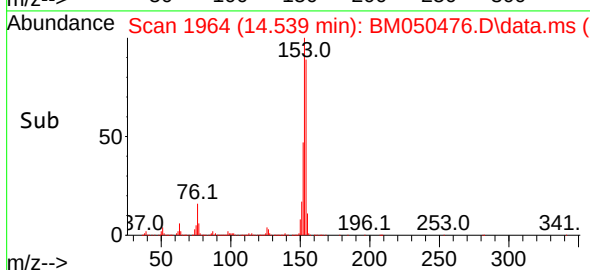
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

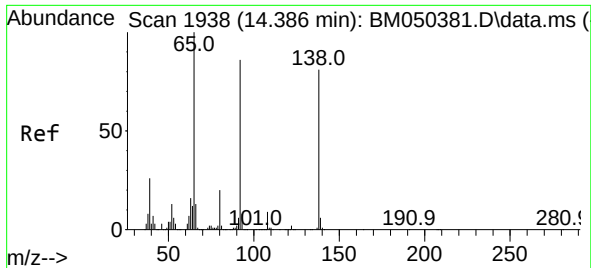


#52
Acenaphthene
Concen: 43.143 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57



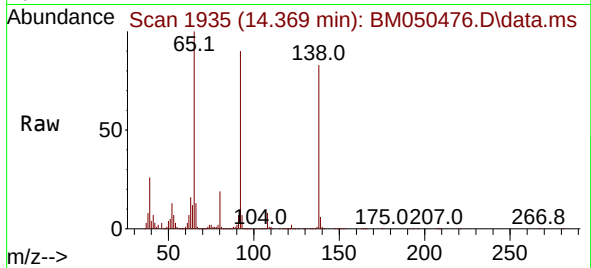
Tgt Ion:154 Resp: 3220488
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 52.5 42.6 64.0





#53
3-Nitroaniline
Concen: 35.347 ng
RT: 14.369 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

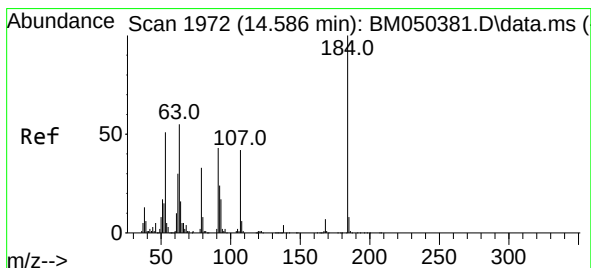
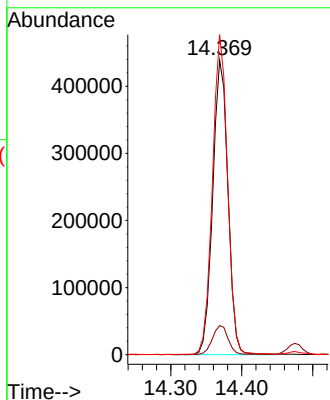
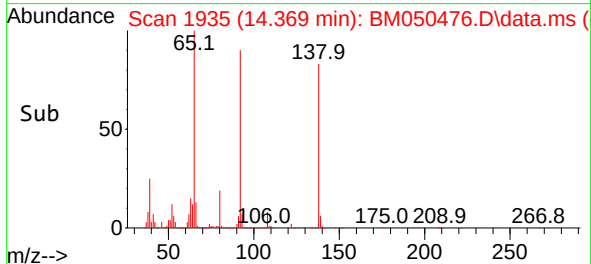
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:138 Resp: 652608
Ion Ratio Lower Upper
138 100
108 9.9 8.8 13.2
92 108.6 85.0 127.6

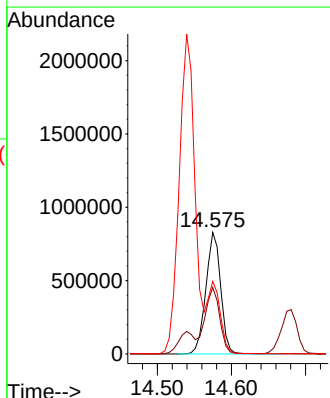
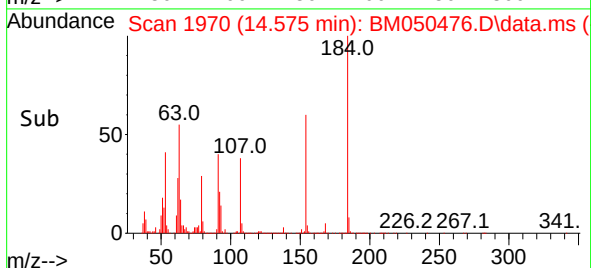
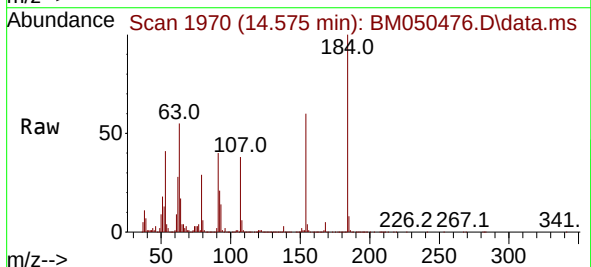
Manual Integrations
APPROVED

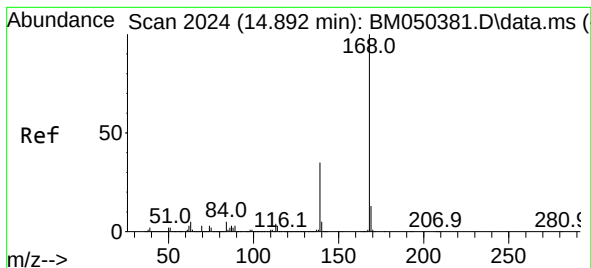
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 117.097 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

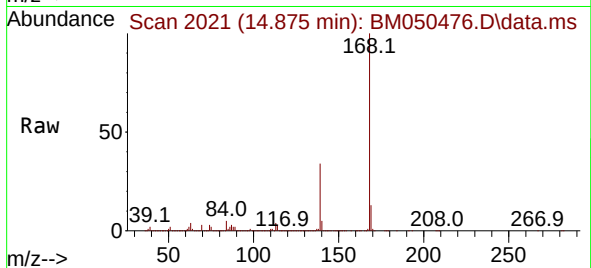
Tgt Ion:184 Resp: 1152712
Ion Ratio Lower Upper
184 100
63 54.6 53.4 80.0
154 59.6 61.6 92.4#





#55
Dibenzofuran
Concen: 44.563 ng
RT: 14.875 min Scan# 20
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

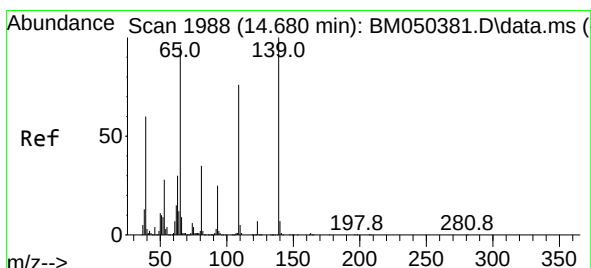
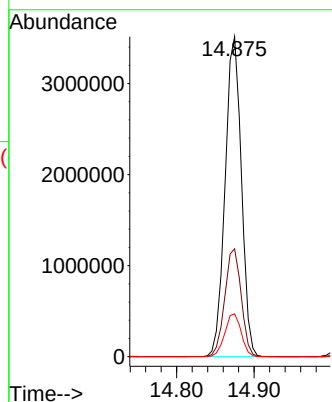
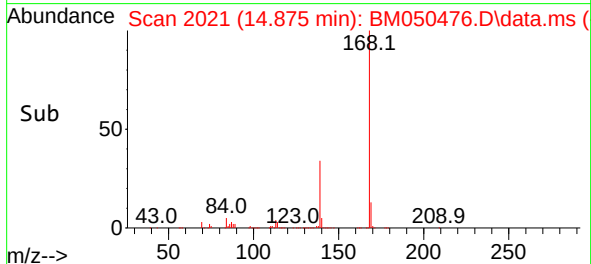
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:168 Resp: 5125414
Ion Ratio Lower Upper
168 100
139 33.7 27.7 41.5
169 13.4 10.7 16.1

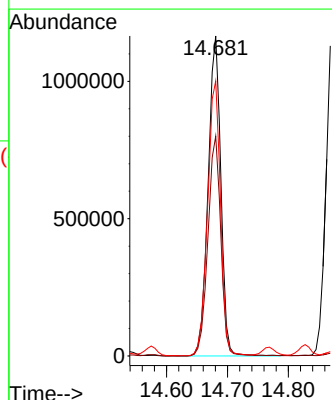
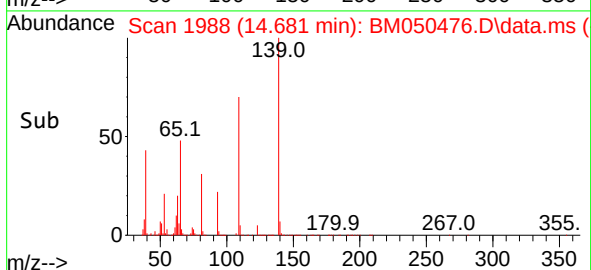
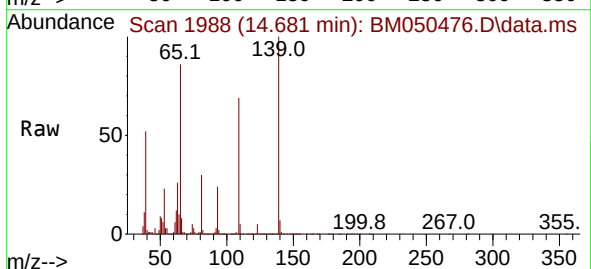
Manual Integrations
APPROVED

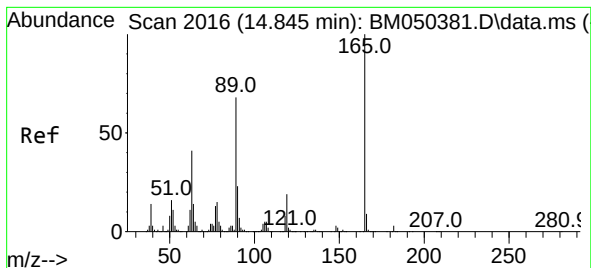
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 106.789 ng
RT: 14.681 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:139 Resp: 1695556
Ion Ratio Lower Upper
139 100
109 68.7 56.5 96.5
65 86.0 76.4 116.4





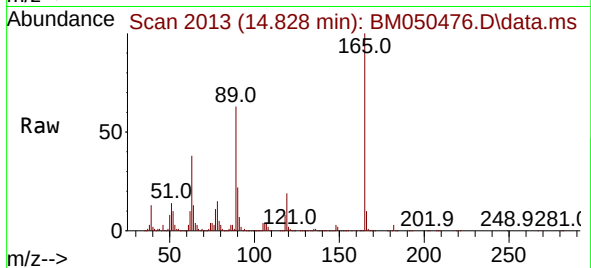
#57
2,4-Dinitrotoluene
Concen: 49.227 ng
RT: 14.828 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS



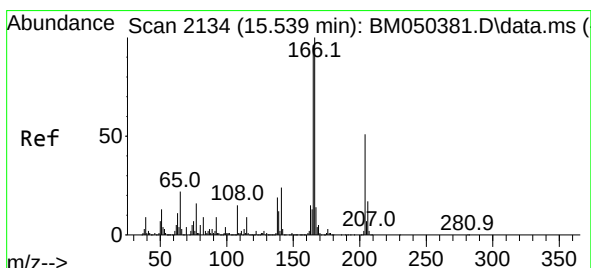
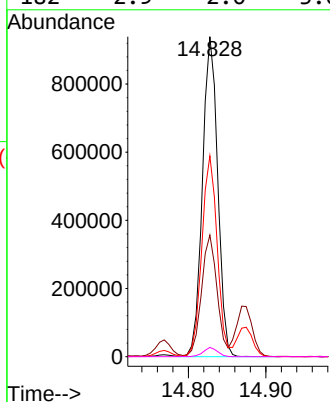
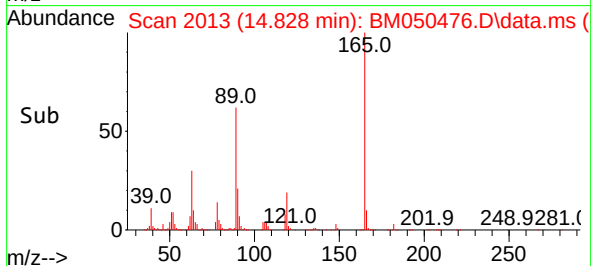
Tgt Ion:165 Resp: 128129
Ion Ratio Lower Upper
165 100
63 38.0 32.5 48.7
89 62.8 54.0 81.0
182 2.9 2.0 3.0

Manual Integrations

APPROVED

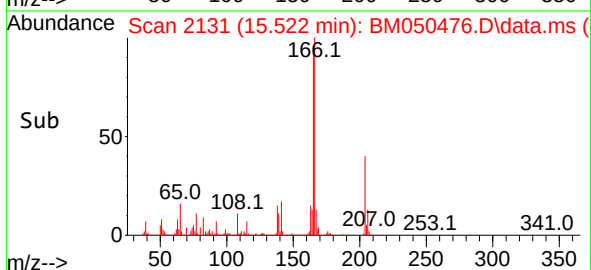
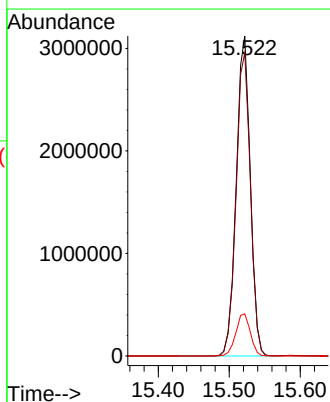
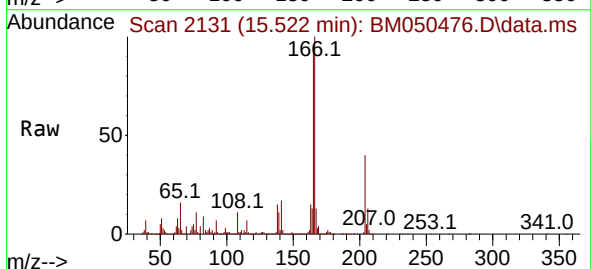
Reviewed By :Rahul Chavli 07/18/2025

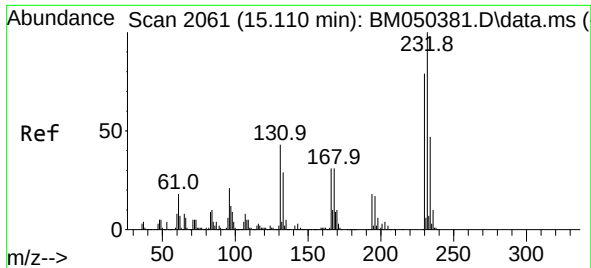
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 45.471 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:166 Resp: 4307700
Ion Ratio Lower Upper
166 100
165 94.7 77.0 115.6
167 13.2 10.9 16.3





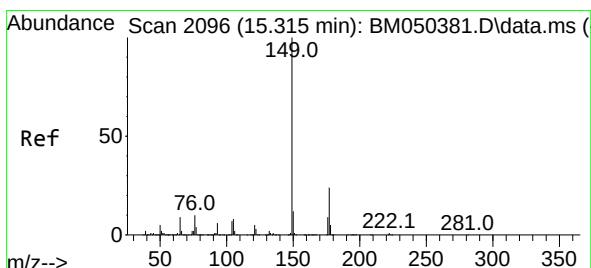
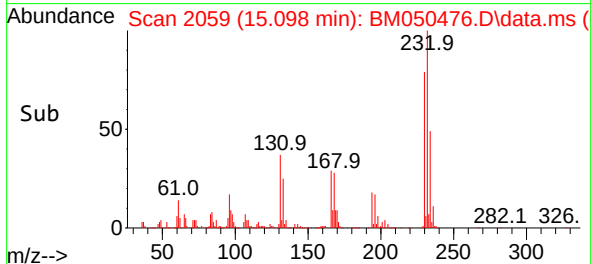
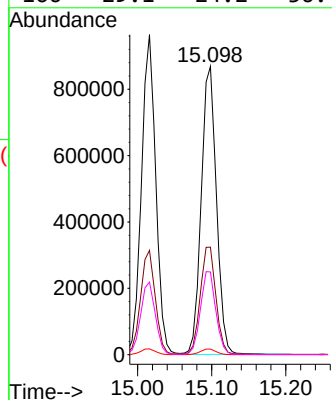
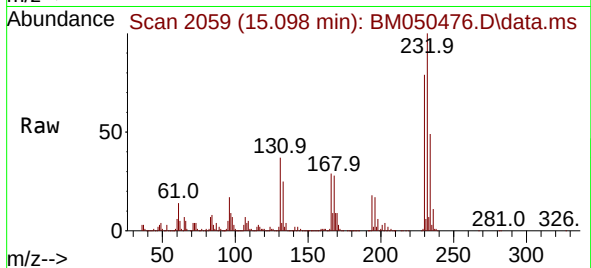
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.459 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

Tgt Ion:232 Resp: 123985
Ion Ratio Lower Upper
232 100
131 38.5 33.4 50.0
130 2.1 1.8 2.6
166 29.1 24.2 36.4

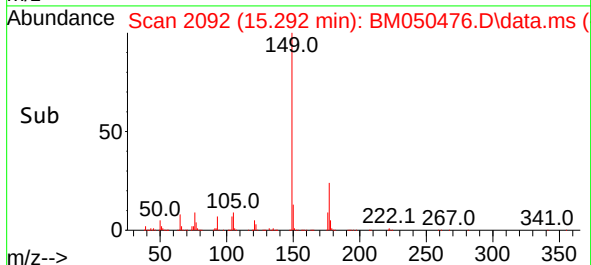
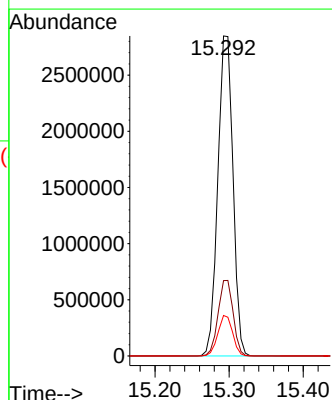
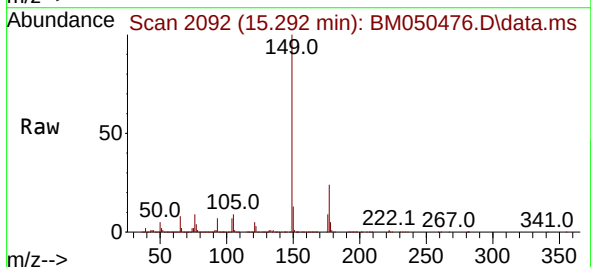
Manual Integrations
APPROVED

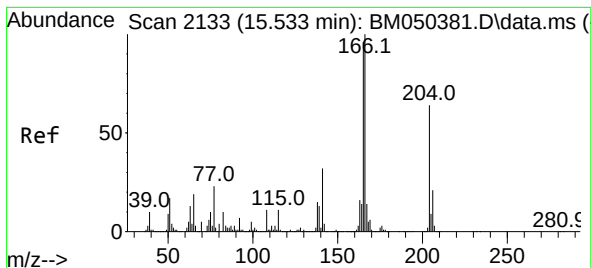
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 46.776 ng
RT: 15.292 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

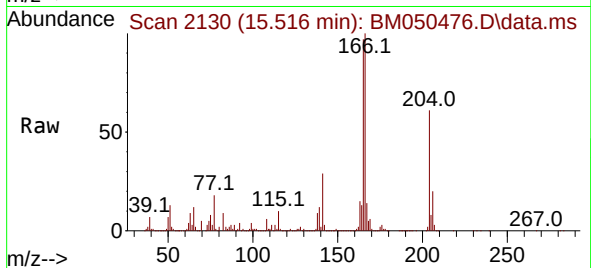
Tgt Ion:149 Resp: 4040195
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 45.997 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

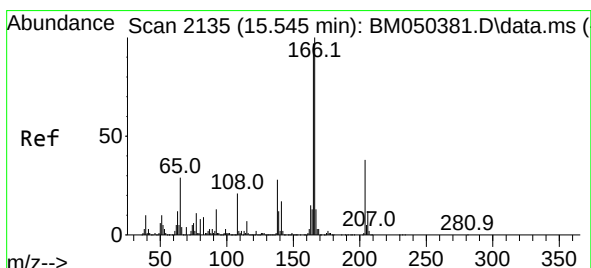
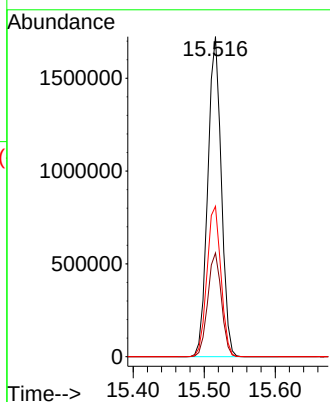
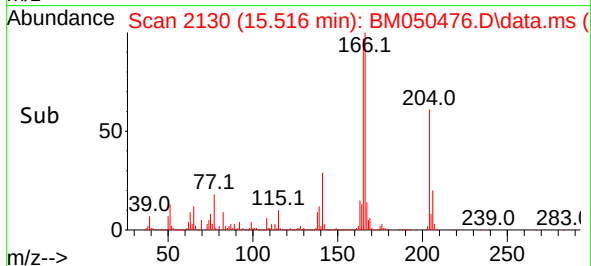
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:204 Resp: 2278500
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 47.0 39.9 59.9

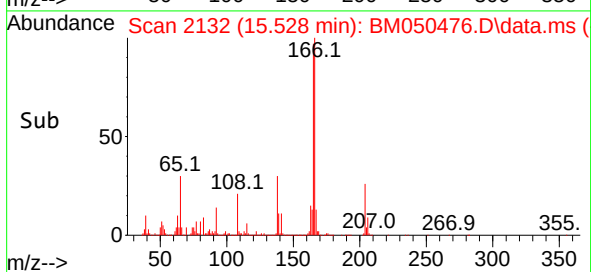
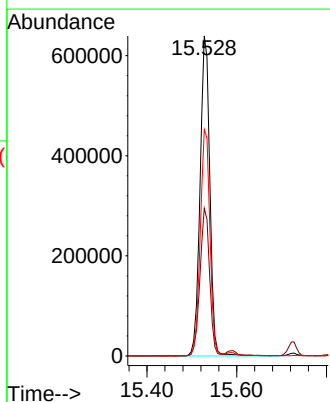
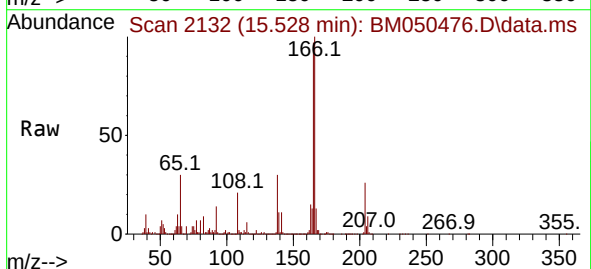
Manual Integrations
APPROVED

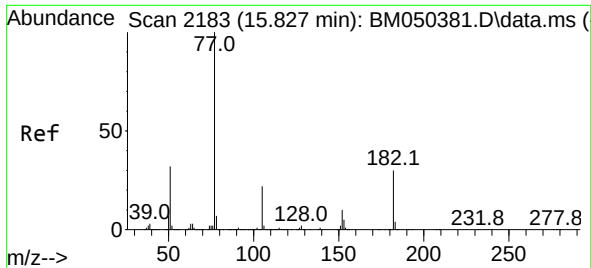
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#62
4-Nitroaniline
Concen: 45.527 ng
RT: 15.528 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

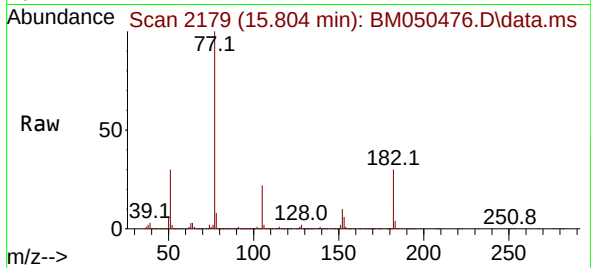
Tgt Ion:138 Resp: 963365
Ion Ratio Lower Upper
138 100
92 46.2 24.5 64.5
108 70.8 52.5 92.5





#63
Azobenzene
Concen: 44.475 ng
RT: 15.804 min Scan# 2183
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

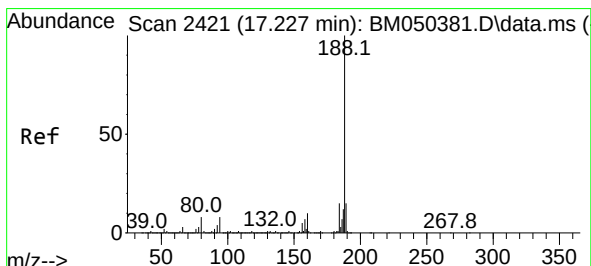
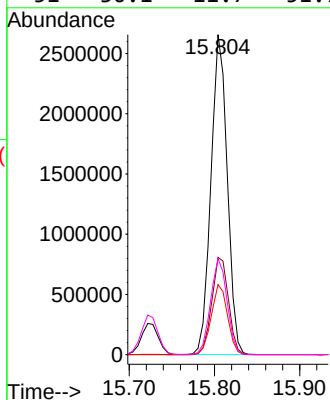
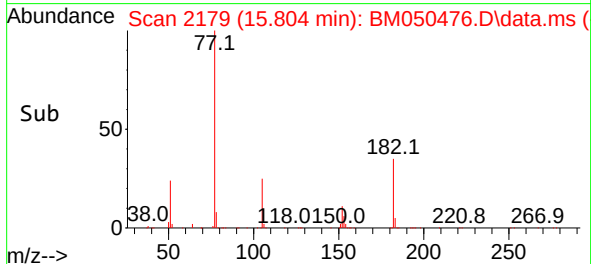
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion: 77 Resp: 352737
Ion Ratio Lower Upper
77 100
182 30.4 10.0 50.0
105 21.9 2.0 42.0
51 30.1 11.7 51.7

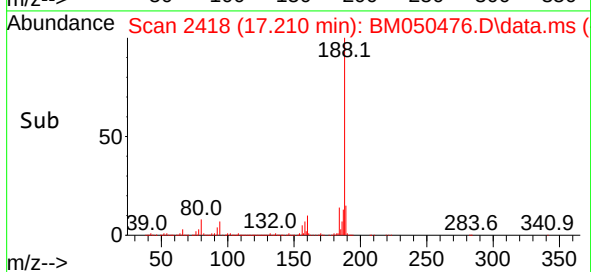
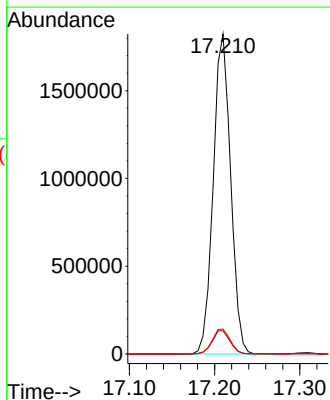
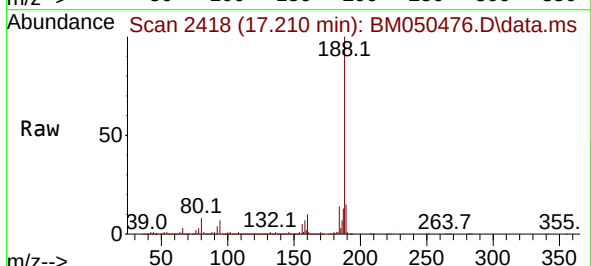
Manual Integrations
APPROVED

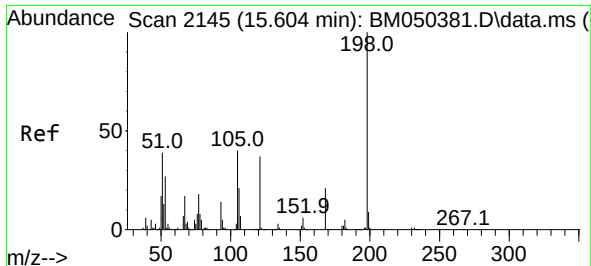
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

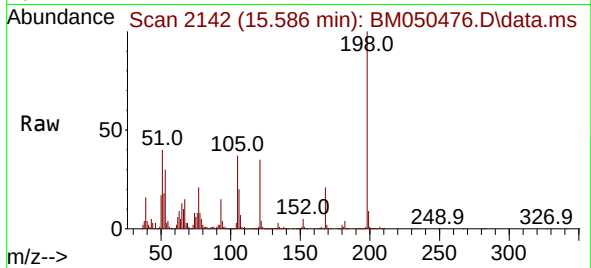
Tgt Ion:188 Resp: 2583210
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 7.8 6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 53.277 ng
RT: 15.586 min Scan# 2145
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

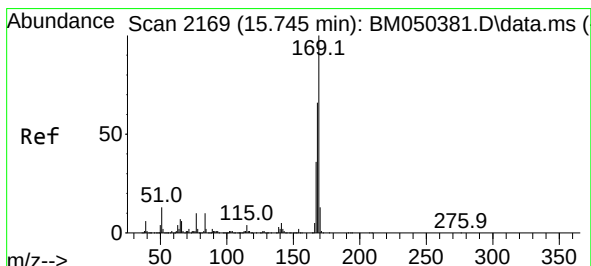
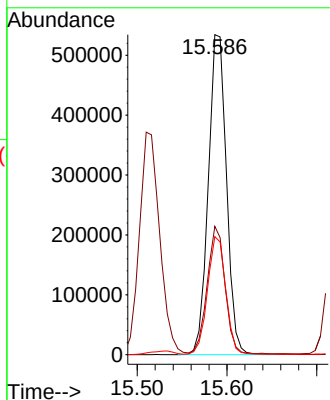
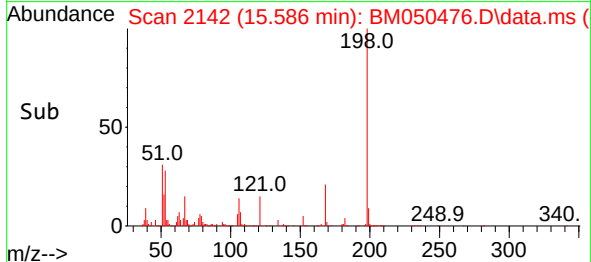
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:198 Resp: 75111
Ion Ratio Lower Upper
198 100
51 40.1 26.6 66.6
105 36.9 20.9 60.9

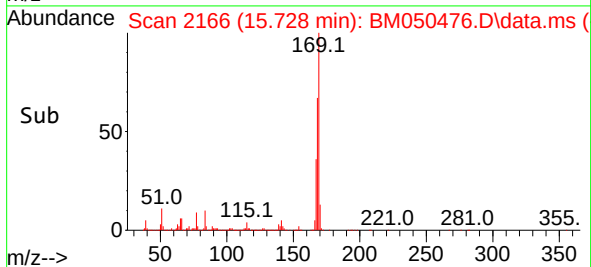
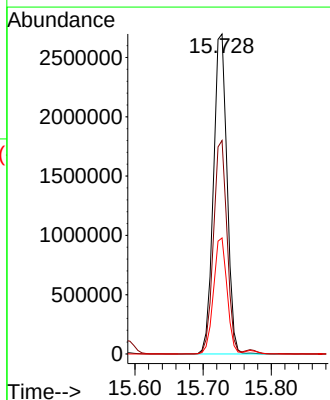
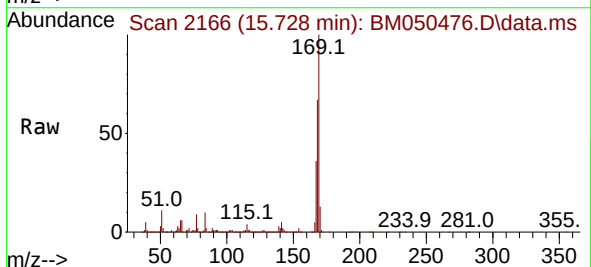
Manual Integrations
APPROVED

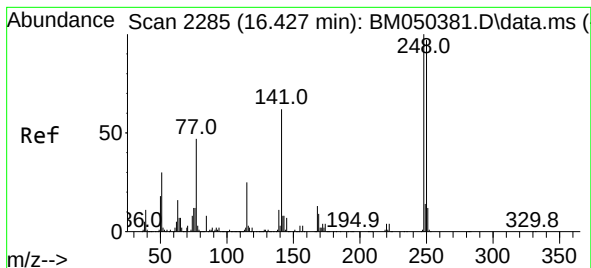
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 46.260 ng
RT: 15.728 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

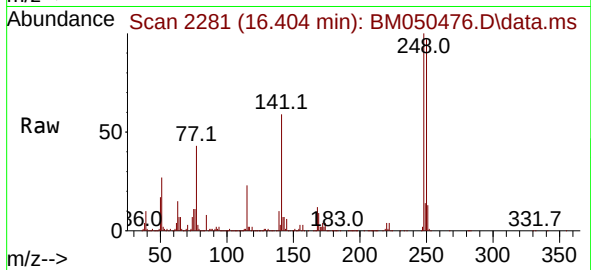
Tgt Ion:169 Resp: 3739335
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.884 ng
RT: 16.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

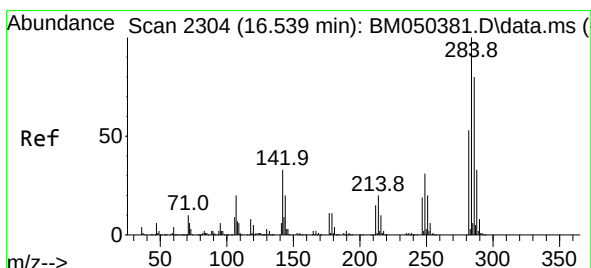
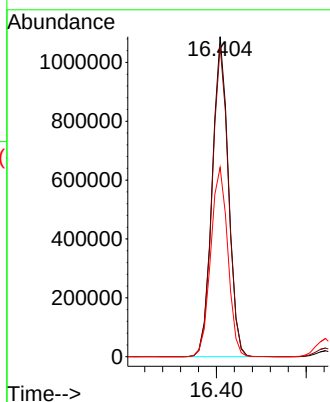
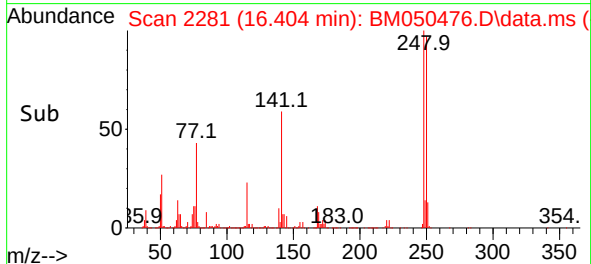
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:248 Resp: 136281
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 59.1 49.7 74.5

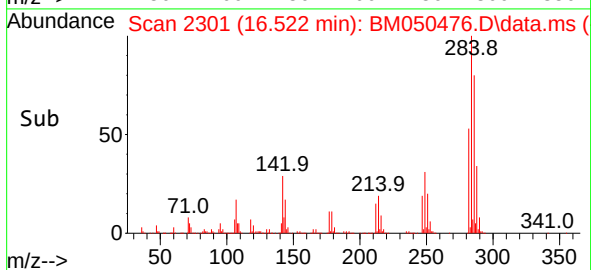
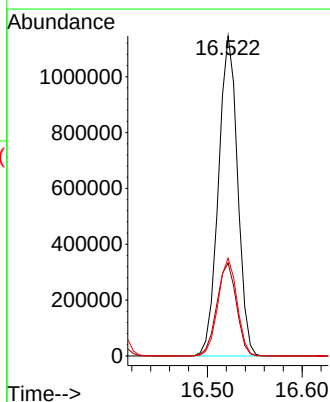
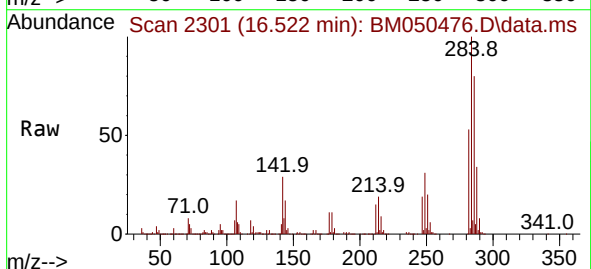
Manual Integrations
APPROVED

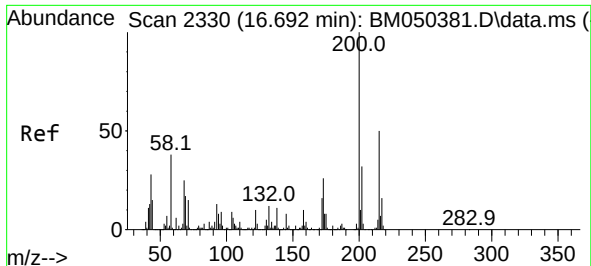
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#68
Hexachlorobenzene
Concen: 47.836 ng
RT: 16.522 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

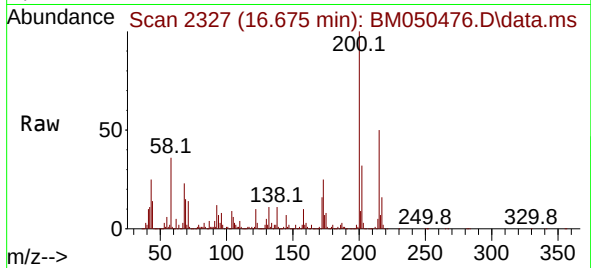
Tgt Ion:284 Resp: 1607982
Ion Ratio Lower Upper
284 100
142 29.1 26.8 40.2
249 30.6 24.5 36.7





#69
Atrazine
Concen: 50.656 ng
RT: 16.675 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

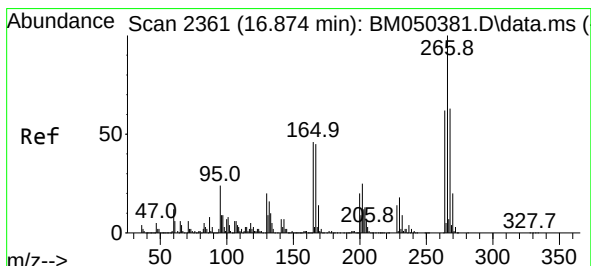
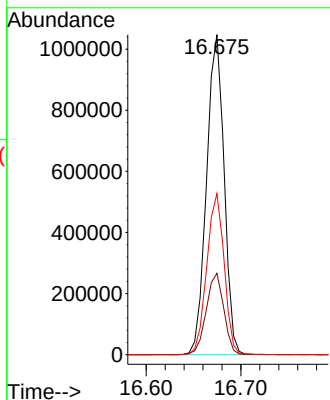
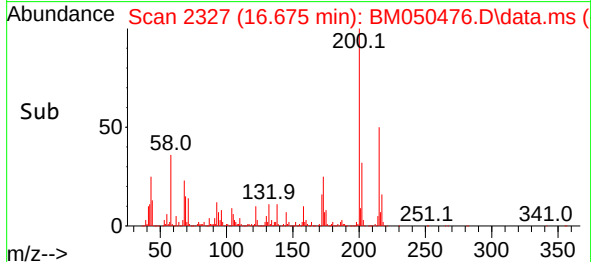
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:200 Resp: 134454
Ion Ratio Lower Upper
200 100
173 25.5 5.6 45.6
215 50.4 29.6 69.6

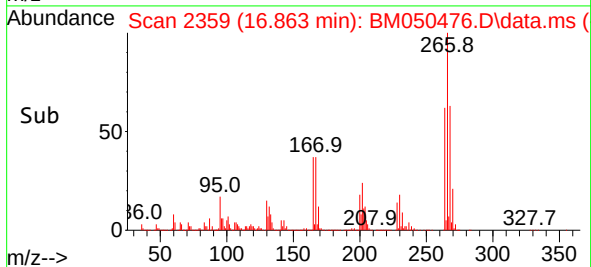
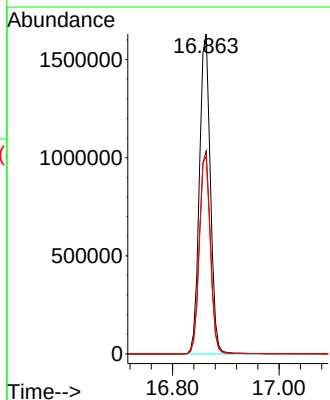
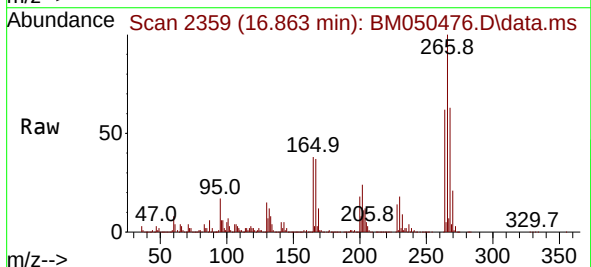
Manual Integrations
APPROVED

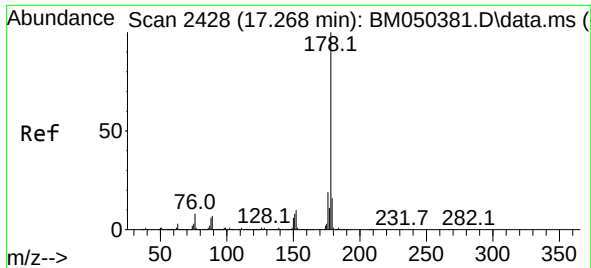
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#70
Pentachlorophenol
Concen: 110.974 ng
RT: 16.863 min Scan# 2359
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

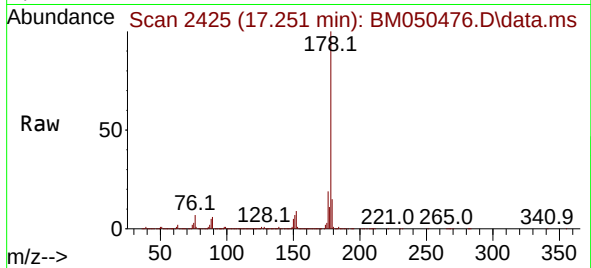
Tgt Ion:266 Resp: 2322182
Ion Ratio Lower Upper
266 100
268 63.4 50.5 75.7
264 61.7 49.9 74.9





#71
Phenanthrene
Concen: 45.657 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

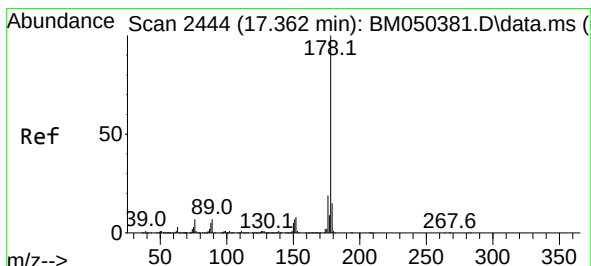
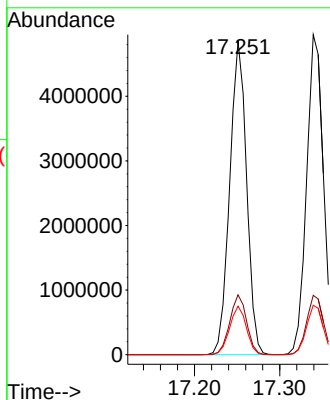
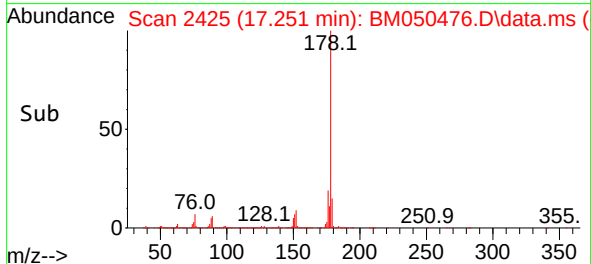
Instrument :
BNA_M
ClientSampleId :
PB168885BS



Tgt Ion:178 Resp: 667385
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.5 18.7

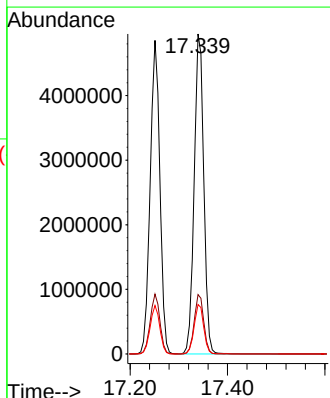
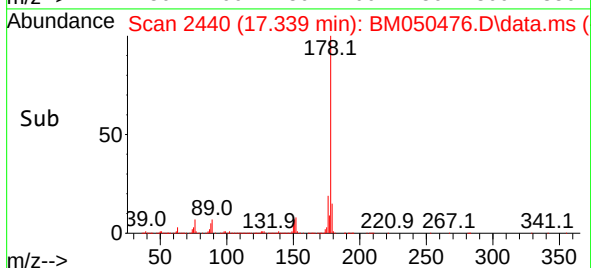
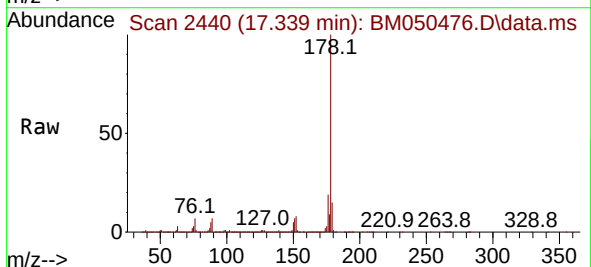
Manual Integrations
APPROVED

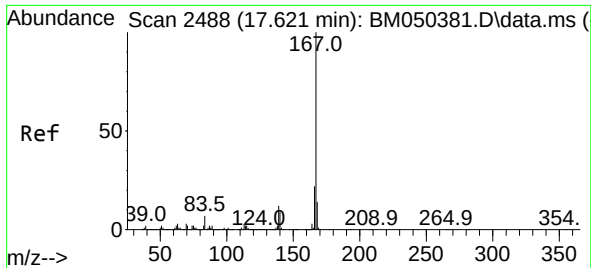
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 46.687 ng
RT: 17.339 min Scan# 2440
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

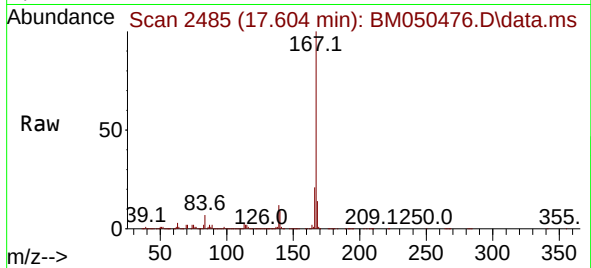
Tgt Ion:178 Resp: 6792935
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 47.082 ng
 RT: 17.604 min Scan# 2485
 Delta R.T. 0.000 min
 Lab File: BM050476.D
 Acq: 17 Jul 2025 15:57

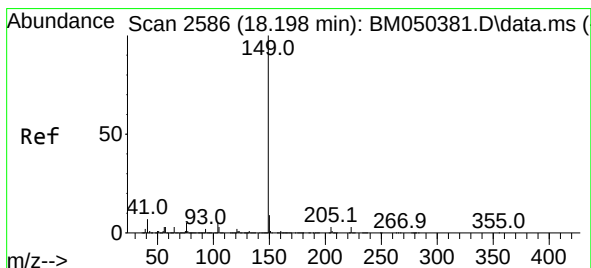
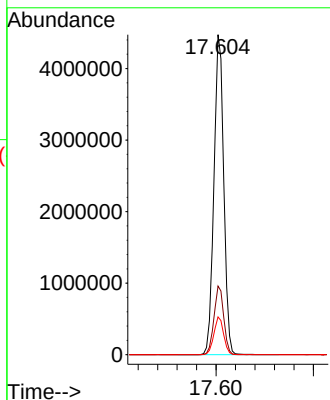
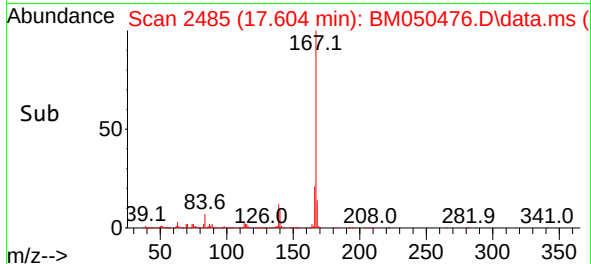
Instrument :
 BNA_M
 ClientSampleId :
 PB168885BS



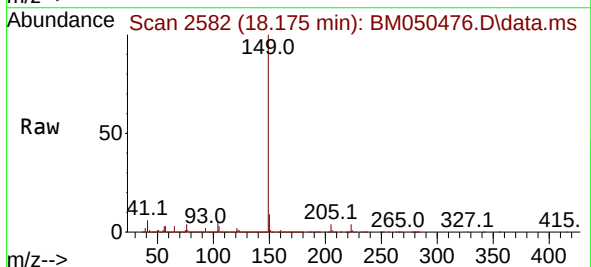
Tgt Ion:167 Resp: 619842
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 11.8 9.9 14.9

Manual Integrations
 APPROVED

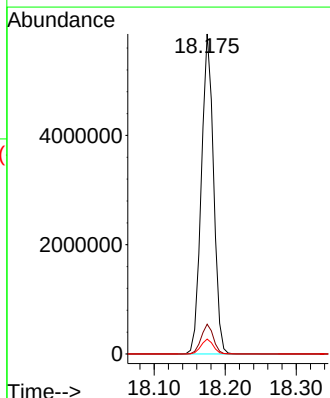
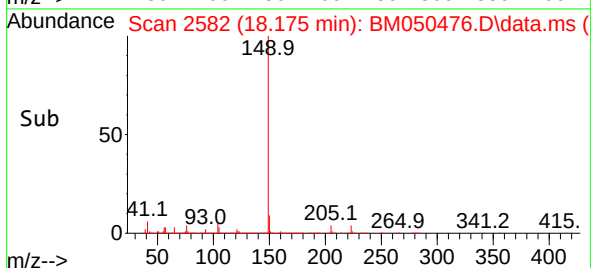
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

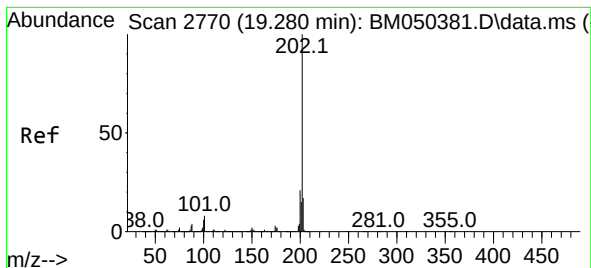


#74
 Di-n-butylphthalate
 Concen: 48.651 ng
 RT: 18.175 min Scan# 2582
 Delta R.T. 0.000 min
 Lab File: BM050476.D
 Acq: 17 Jul 2025 15:57



Tgt Ion:149 Resp: 7010527
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.6 3.9 5.9





#75

Fluoranthene

Concen: 49.281 ng

RT: 19.257 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:202 Resp: 7831040

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.3

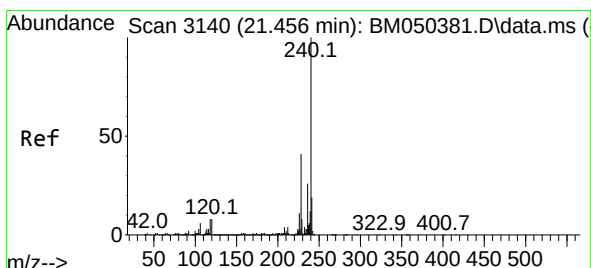
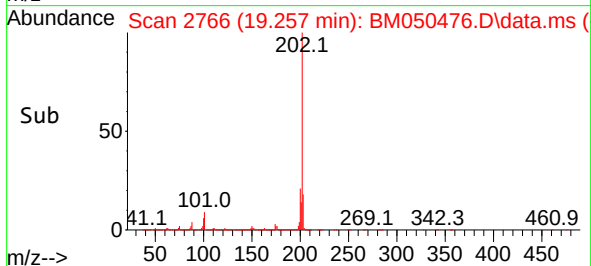
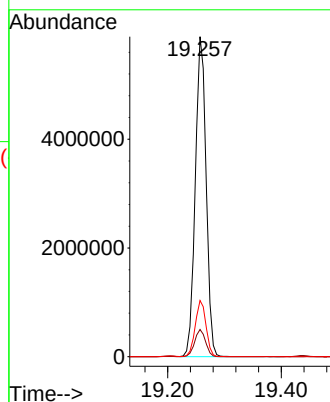
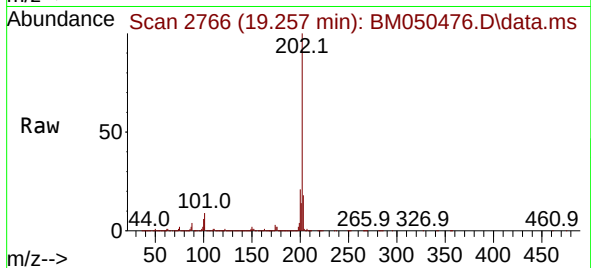
203 17.5 0.0 37.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3136

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

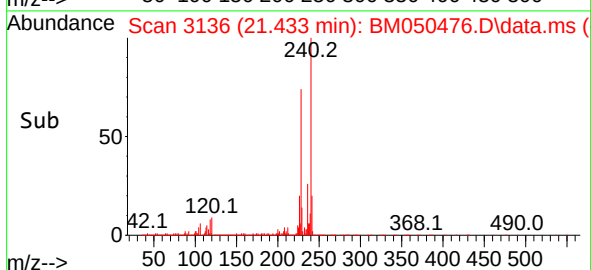
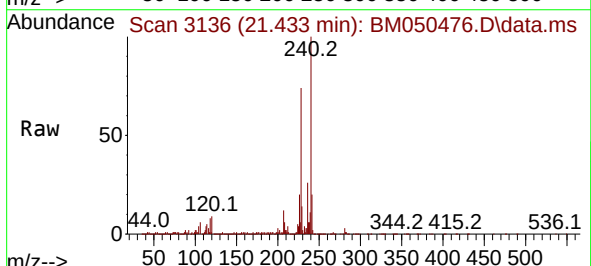
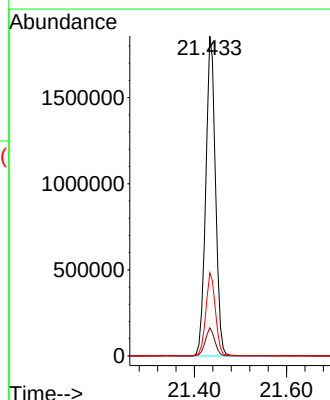
Tgt Ion:240 Resp: 2737581

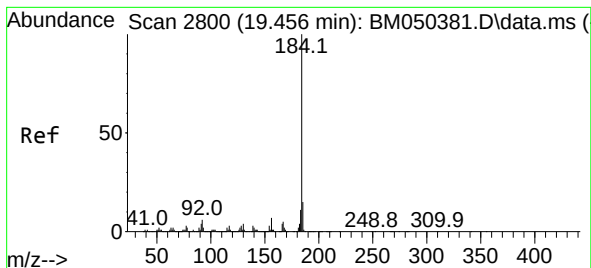
Ion Ratio Lower Upper

240 100

120 8.8 6.7 10.1

236 26.0 20.7 31.1





#77

Benzidine

Concen: 67.729 ng

RT: 19.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:184 Resp: 4729264

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

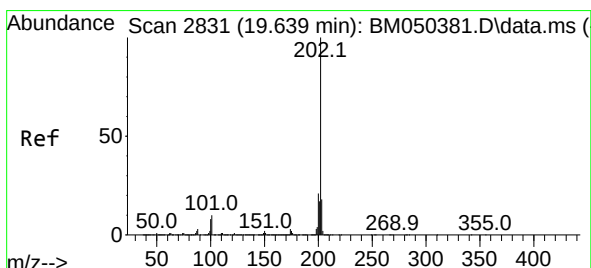
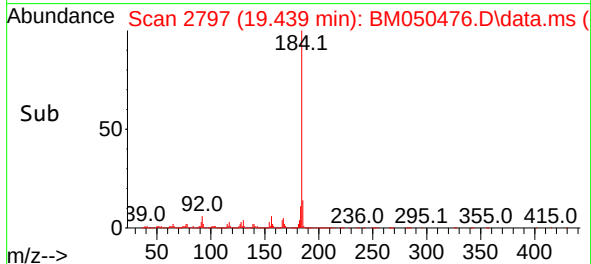
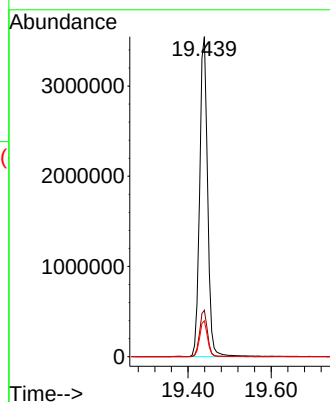
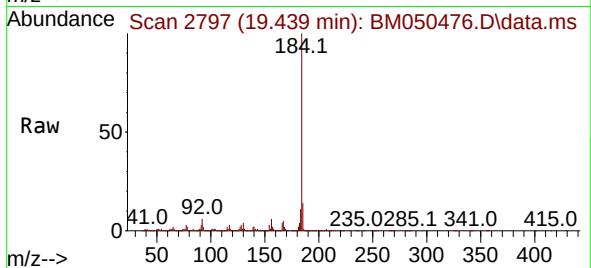
183 11.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#78

Pyrene

Concen: 46.715 ng

RT: 19.622 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

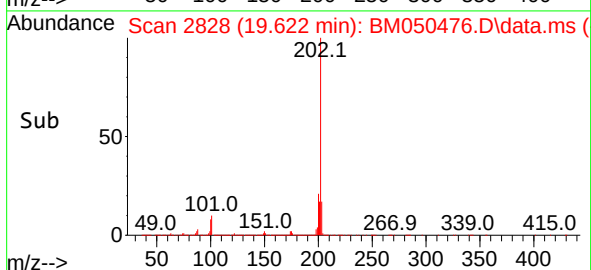
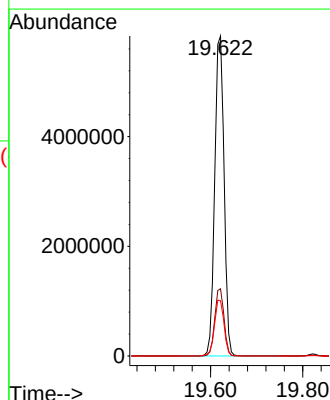
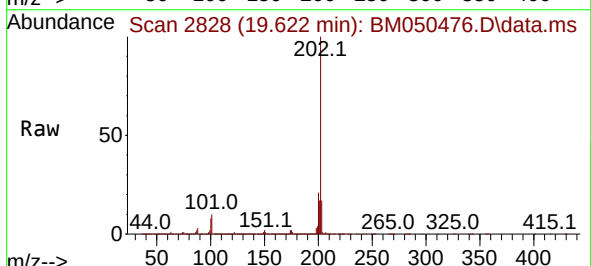
Tgt Ion:202 Resp: 8190535

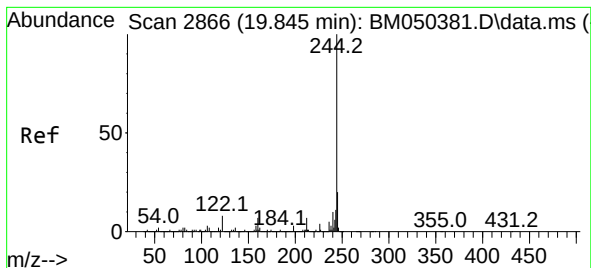
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.2 14.1 21.1





#79

Terphenyl-d14

Concen: 76.774 ng

RT: 19.821 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:244 Resp:11945430

Ion Ratio Lower Upper

244 100

212 8.8 5.7 8.5

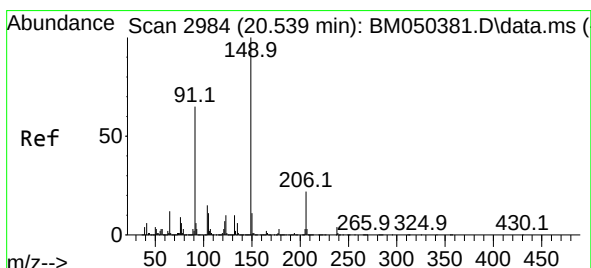
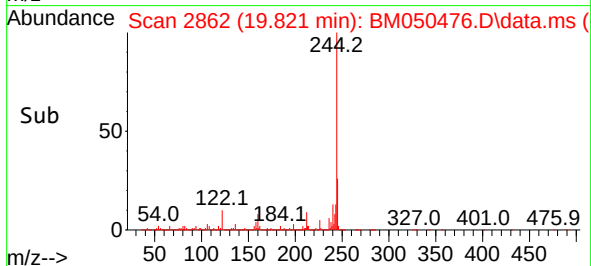
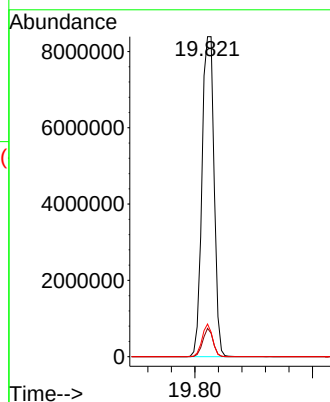
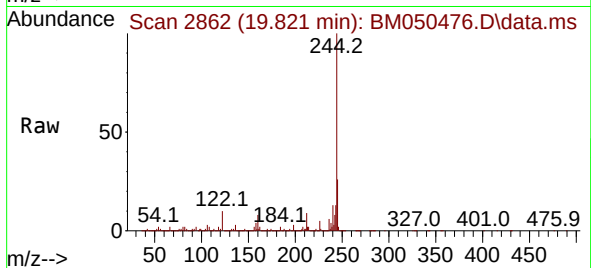
122 10.2 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 55.157 ng

RT: 20.516 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

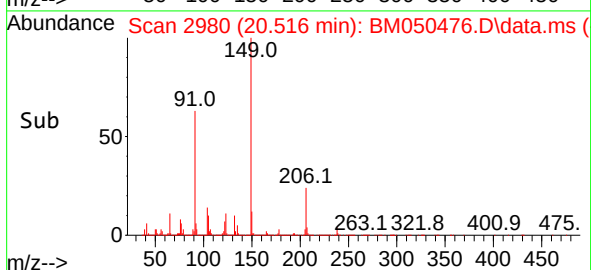
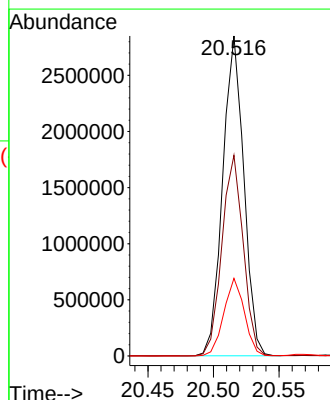
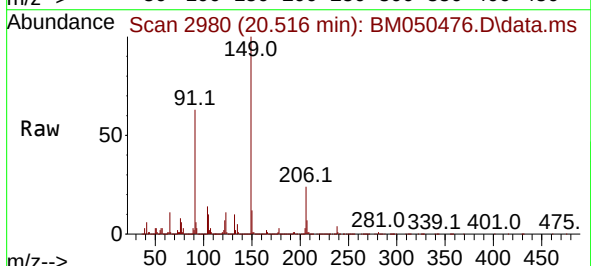
Tgt Ion:149 Resp: 3188686

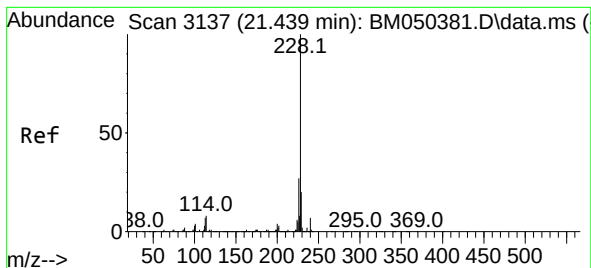
Ion Ratio Lower Upper

149 100

91 62.7 51.6 77.4

206 24.2 17.8 26.8





#81

Benzo(a)anthracene

Concen: 47.395 ng

RT: 21.416 min Scan# 31

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:228 Resp: 845398

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

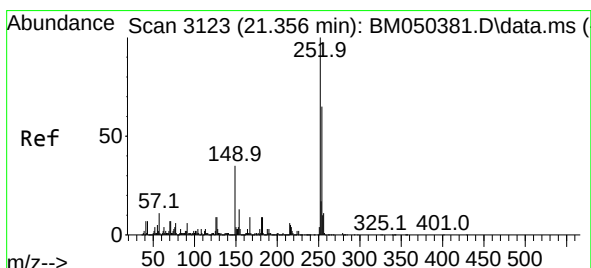
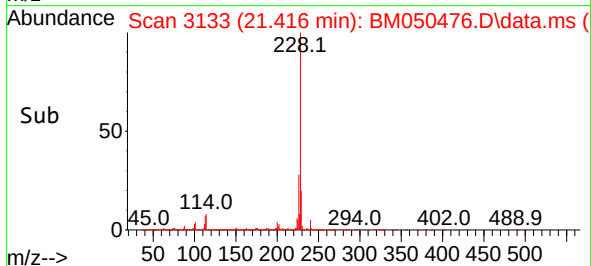
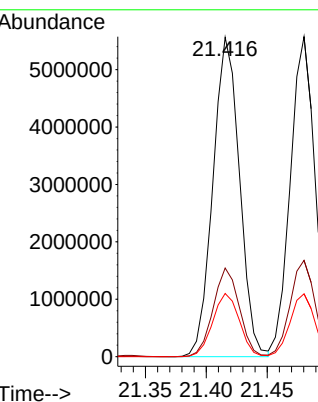
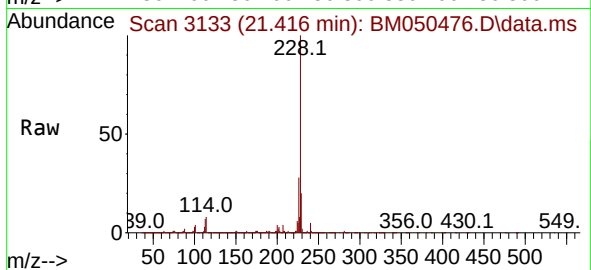
229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#82

3,3'-Dichlorobenzidine

Concen: 33.631 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

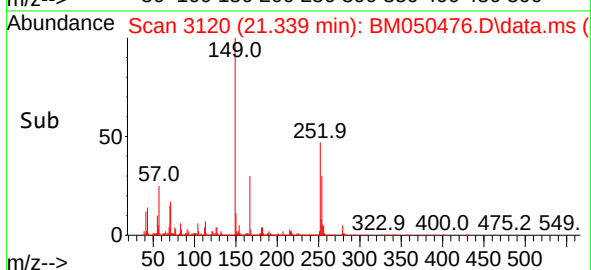
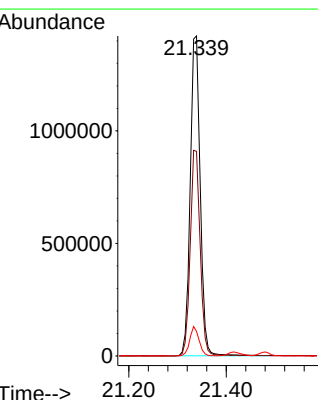
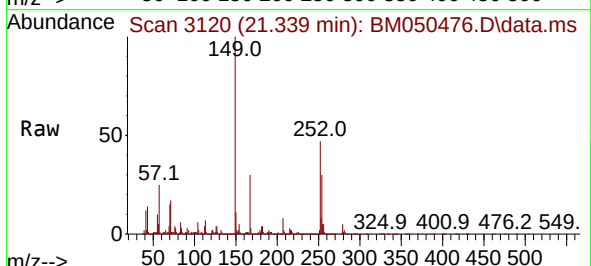
Tgt Ion:252 Resp: 2023008

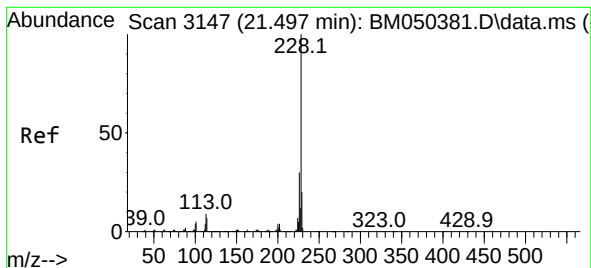
Ion Ratio Lower Upper

252 100

254 64.0 51.7 77.5

126 7.6 7.3 10.9





#83

Chrysene

Concen: 46.827 ng

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:228 Resp: 787839

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

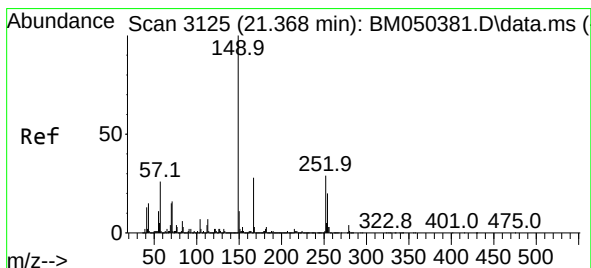
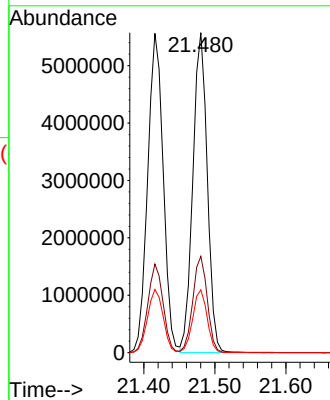
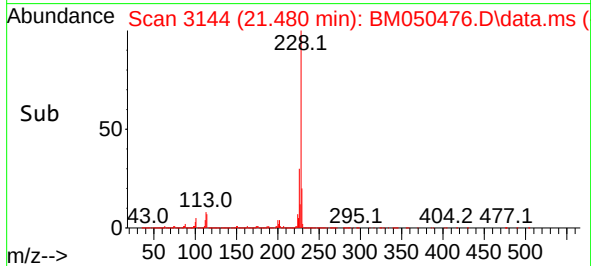
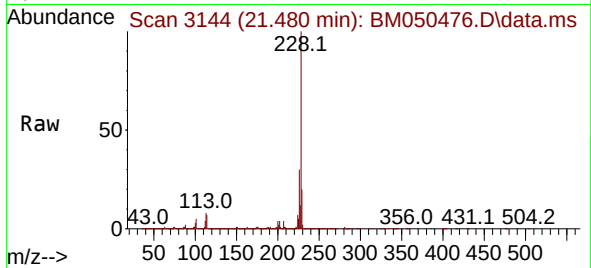
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.429 ng

RT: 21.345 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

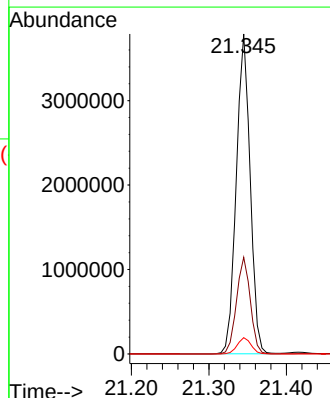
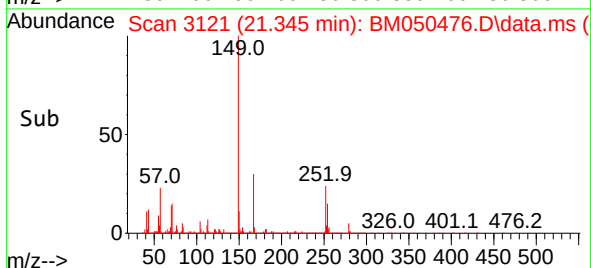
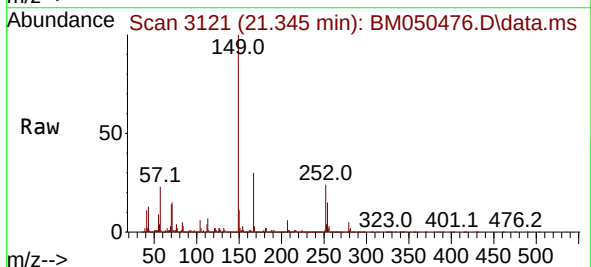
Tgt Ion:149 Resp: 4719847

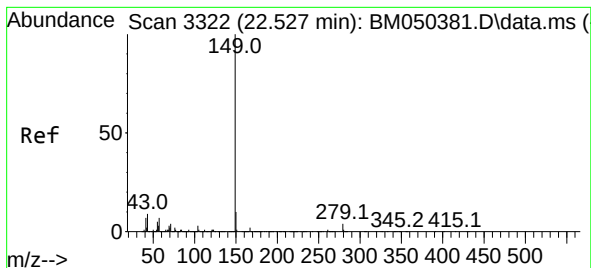
Ion Ratio Lower Upper

149 100

167 30.2 22.7 34.1

279 5.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 56.350 ng

RT: 22.486 min Scan# 31

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:149 Resp: 809963

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

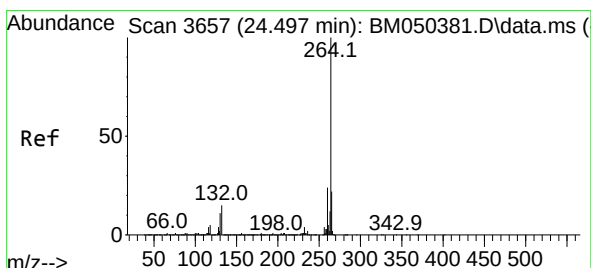
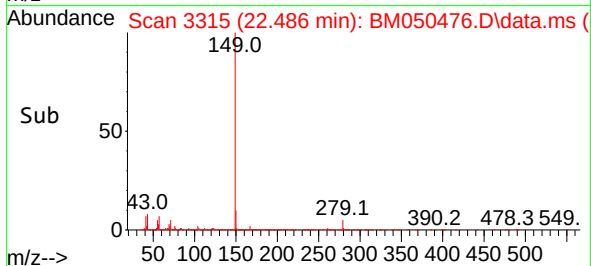
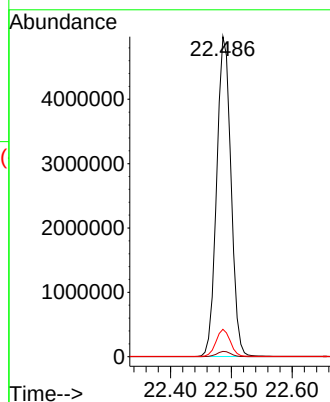
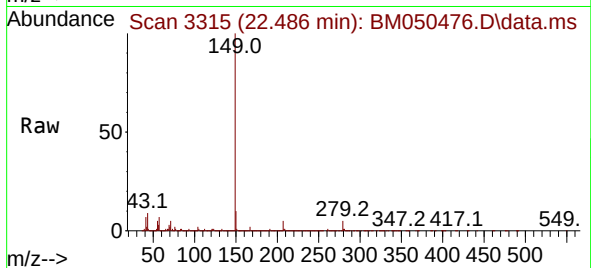
43 8.5 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3651

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

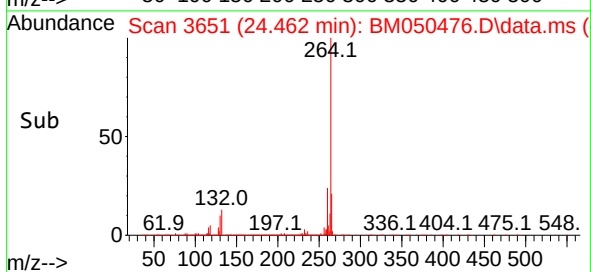
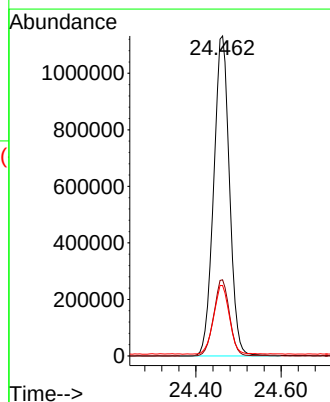
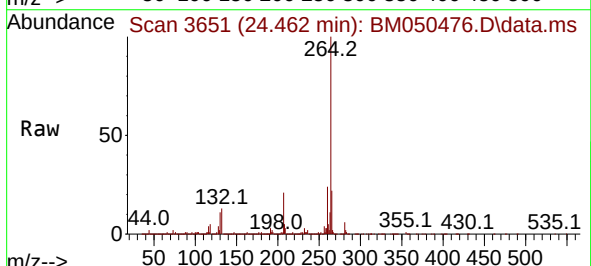
Tgt Ion:264 Resp: 2912638

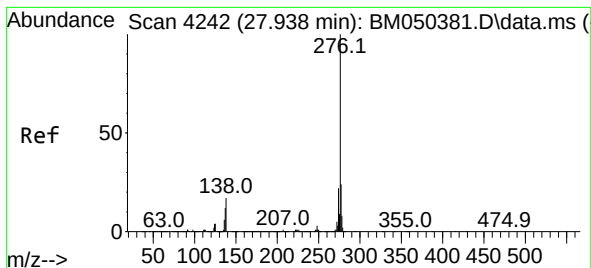
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.0 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.702 ng

RT: 27.886 min Scan# 4242

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:276 Resp:10292650

Ion Ratio Lower Upper

276 100

138 20.0 17.0 25.6

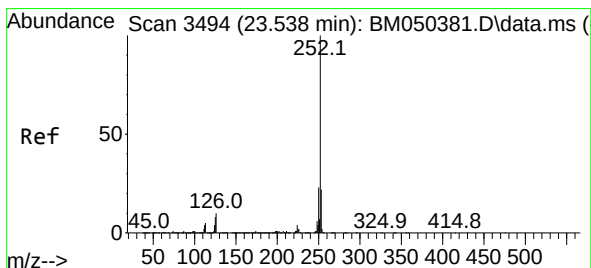
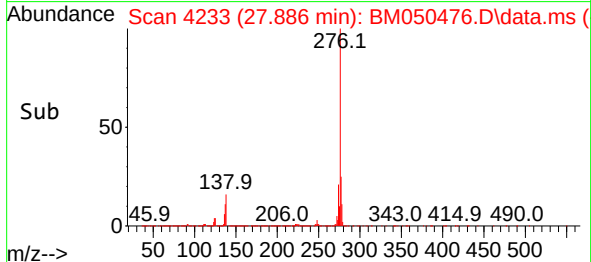
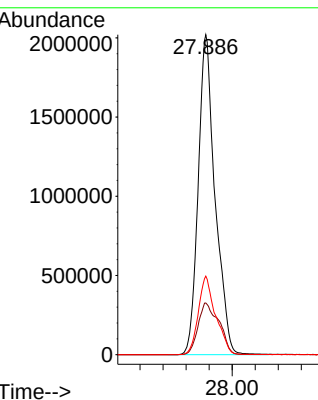
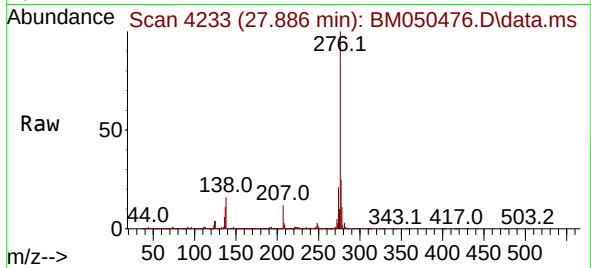
277 25.1 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#88

Benzo(b)fluoranthene

Concen: 47.206 ng

RT: 23.504 min Scan# 3488

Delta R.T. 0.000 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

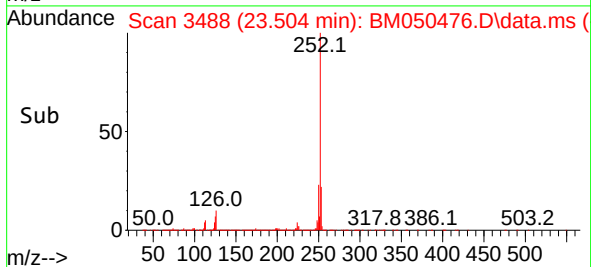
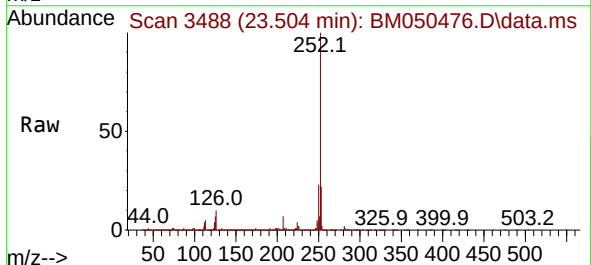
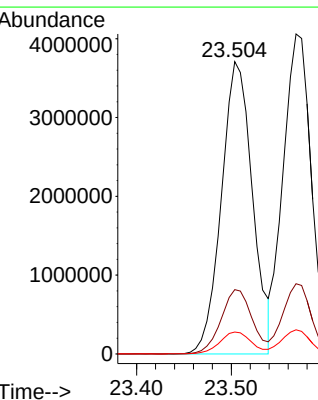
Tgt Ion:252 Resp: 8457217

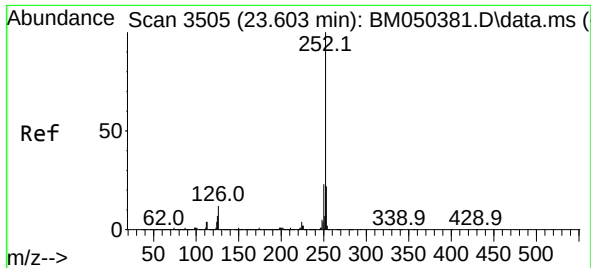
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.5 6.3 9.5





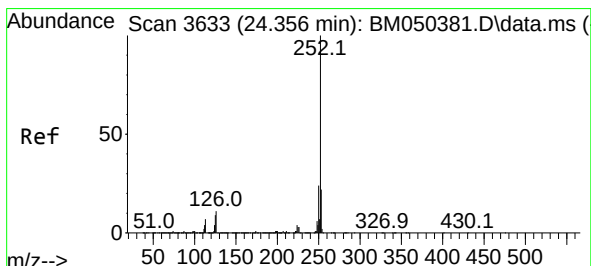
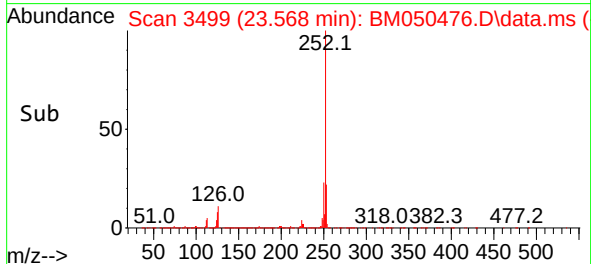
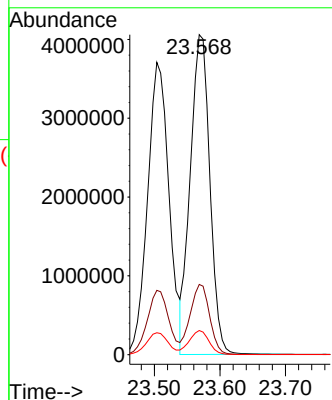
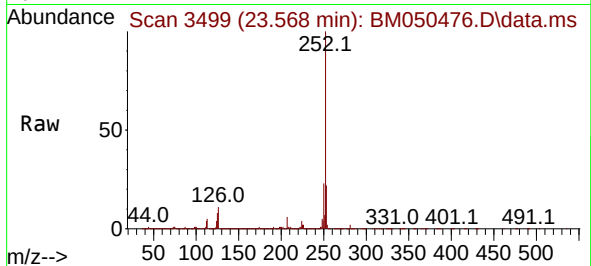
#89
Benzo(k)fluoranthene
Concen: 45.301 ng
RT: 23.568 min Scan# 34
Delta R.T. 0.001 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
PB168885BS

Tgt Ion:252 Resp: 842135
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.5 6.2 9.2

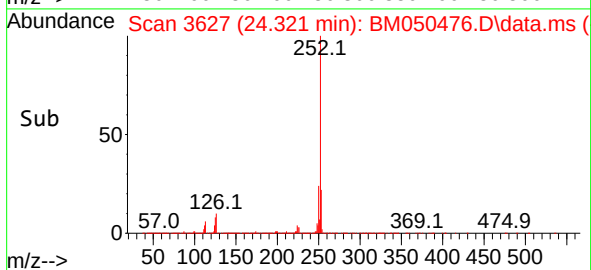
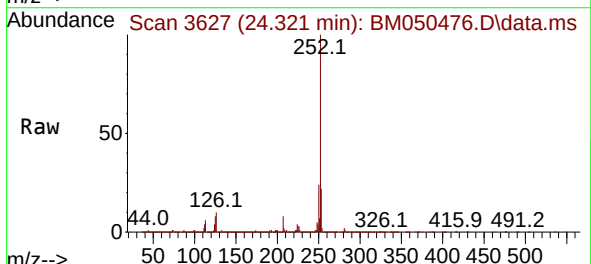
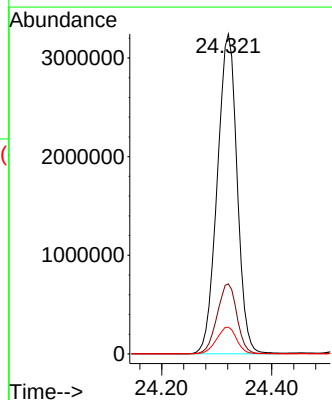
Manual Integrations
APPROVED

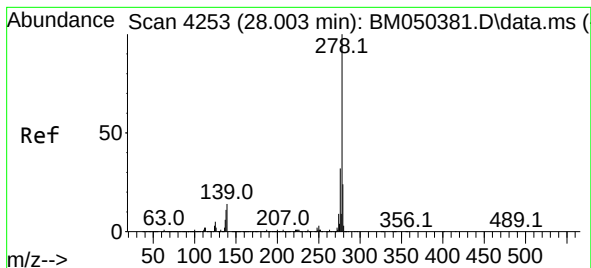
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#90
Benzo(a)pyrene
Concen: 48.457 ng
RT: 24.321 min Scan# 3627
Delta R.T. 0.006 min
Lab File: BM050476.D
Acq: 17 Jul 2025 15:57

Tgt Ion:252 Resp: 8126766
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.3 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 49.191 ng

RT: 27.944 min Scan# 41

Delta R.T. 0.001 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Instrument :

BNA_M

ClientSampleId :

PB168885BS

Tgt Ion:278 Resp: 8579014

Ion Ratio Lower Upper

278 100

139 12.7 10.8 16.2

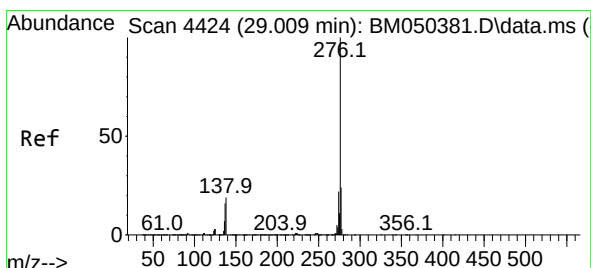
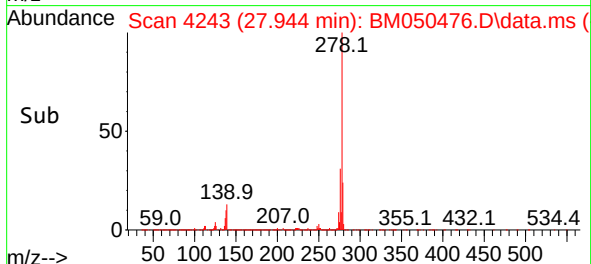
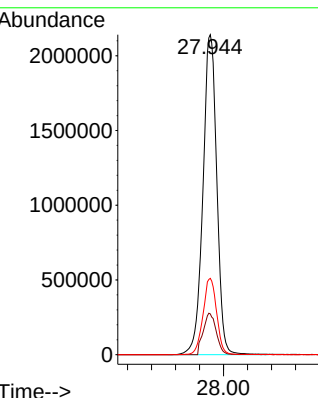
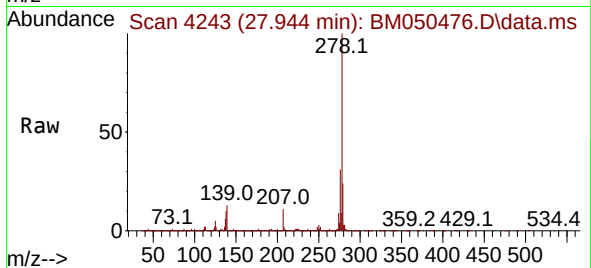
279 23.9 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#92

Benzo(g,h,i)perylene

Concen: 49.851 ng

RT: 28.950 min Scan# 4414

Delta R.T. 0.006 min

Lab File: BM050476.D

Acq: 17 Jul 2025 15:57

Tgt Ion:276 Resp: 8216926

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 16.9 14.9 22.3

