

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
 Data File : BM050242.D
 Acq On : 09 Jun 2025 14:47
 Operator : RC/JU
 Sample : Q2125-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:20:18 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 09 11:54:38 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	281877	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1107266	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	644595	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1197069	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1175824	20.000	ng	0.00
86) Perylene-d12	24.344	264	1237452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1211116	71.674	ng	0.00
7) Phenol-d6	6.928	99	1030995	46.349	ng	0.00
23) Nitrobenzene-d5	8.916	82	1959264	92.026	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1167405	159.225	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4087466	85.850	ng	0.00
79) Terphenyl-d14	19.768	244	5823501	93.855	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	136315	18.404	ng	99
3) Pyridine	3.669	79	334703	17.449	ng	99
4) n-Nitrosodimethylamine	3.575	42	83869	21.145	ng	# 91
6) Aniline	7.092	93	693378	23.579	ng	99
8) 2-Chlorophenol	7.334	128	785509	42.262	ng	99
9) Benzaldehyde	6.904	77	505297	35.729	ng	97
10) Phenol	6.957	94	381059	16.191	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	908767	48.005	ng	98
12) 1,3-Dichlorobenzene	7.657	146	893261	42.989	ng	99
13) 1,4-Dichlorobenzene	7.804	146	923145	42.700	ng	99
14) 1,2-Dichlorobenzene	8.116	146	911084	44.206	ng	99
15) Benzyl Alcohol	7.998	79	535429	33.748	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	635679	48.338	ng	99
17) 2-Methylphenol	8.204	107	559356	36.019	ng	99
18) Hexachloroethane	8.845	117	435909	55.677	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	671445	49.326	ng	99
20) 3+4-Methylphenols	8.533	107	675295	32.503	ng	99
22) Acetophenone	8.581	105	1531014	55.346	ng	97
24) Nitrobenzene	8.957	77	977949	50.506	ng	99
25) Isophorone	9.486	82	1898052	51.652	ng	99
26) 2-Nitrophenol	9.669	139	451831	54.058	ng	99
27) 2,4-Dimethylphenol	9.733	122	817519	47.603	ng	99
28) bis(2-Chloroethoxy)met...	9.969	93	1220579	50.845	ng	100
29) 2,4-Dichlorophenol	10.204	162	807193	50.791	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	865818	48.958	ng	99
31) Naphthalene	10.604	128	3384046	59.112	ng	99
32) Benzoic acid	9.810	122	176121	16.318	ng	95
33) 4-Chloroaniline	10.704	127	667566	27.351	ng	99
34) Hexachlorobutadiene	10.904	225	513215	48.788	ng	99
35) Caprolactam	11.486	113	50996	10.121	ng	92
36) 4-Chloro-3-methylphenol	11.833	107	802313	47.312	ng	98
37) 2-Methylnaphthalene	12.221	142	5947123	172.199	ng	99
38) 1-Methylnaphthalene	12.439	142	4887345	133.330	ng	100
40) 1,2,4,5-Tetrachloroben...	12.592	216	953327	51.218	ng	99
41) Hexachlorocyclopentadiene	12.580	237	1057601	93.561	ng	98
43) 2,4,6-Trichlorophenol	12.827	196	659289	53.862	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	710689	52.881	ng	99
46) 1,1'-Biphenyl	13.233	154	2517319	52.155	ng	99
47) 2-Chloronaphthalene	13.274	162	1902019	50.688	ng	99
48) 2-Nitroaniline	13.468	65	493666	59.783	ng	98
49) Acenaphthylene	14.121	152	3125267	51.493	ng	98
50) Dimethylphthalate	13.863	163	2309291	52.973	ng	99
51) 2,6-Dinitrotoluene	13.968	165	475465	54.083	ng	94
52) Acenaphthene	14.463	154	2356807m	62.083	ng	
53) 3-Nitroaniline	14.292	138	272471	27.809	ng	98
54) 2,4-Dinitrophenol	14.498	184	581083	123.046	ng	96
55) Dibenzofuran	14.798	168	3107541	55.953	ng	98
56) 4-Nitrophenol	14.604	139	383346	45.968	ng	92
57) 2,4-Dinitrotoluene	14.757	165	692300	59.696	ng	# 95
58) Fluorene	15.445	166	2556767	60.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	622482	53.535	ng	91
60) Diethylphthalate	15.227	149	2438141	56.368	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1080680	52.566	ng	98
62) 4-Nitroaniline	15.457	138	475975	51.830	ng	97
63) Azobenzene	15.739	77	2230978	51.604	ng	96
65) 4,6-Dinitro-2-methylph...	15.515	198	376940	57.652	ng	99
66) n-Nitrosodiphenylamine	15.657	169	2023507	53.798	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	697999	54.679	ng	99
68) Hexachlorobenzene	16.451	284	789740	52.951	ng	96
69) Atrazine	16.609	200	702108	58.585	ng	98
70) Pentachlorophenol	16.786	266	1106939	114.156	ng	100
71) Phenanthrene	17.180	178	4099259	59.944	ng	99
72) Anthracene	17.268	178	3582894	52.373	ng	100
73) Carbazole	17.533	167	3368785	54.052	ng	100
74) Di-n-butylphthalate	18.115	149	4343044	64.044	ng	100
75) Fluoranthene	19.192	202	3982272	55.220	ng	99
77) Benzidine	19.374	184	665705	20.133	ng	99
78) Pyrene	19.556	202	4214773	53.183	ng	100
80) Butylbenzylphthalate	20.468	149	1809144	68.437	ng	99
81) Benzo(a)anthracene	21.350	228	3971807	53.367	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	1179338	51.963	ng	99
83) Chrysene	21.415	228	3707097	52.364	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2791744	68.560	ng	100
85) Di-n-octyl phthalate	22.433	149	4554629	75.379	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	4614589	57.916	ng	100
88) Benzo(b)fluoranthene	23.409	252	3972361	55.213	ng	99
89) Benzo(k)fluoranthene	23.474	252	3838081	52.257	ng	99
90) Benzo(a)pyrene	24.209	252	3724602	55.061	ng	99
91) Dibenzo(a,h)anthracene	27.768	278	3769168	58.279	ng	99
92) Benzo(g,h,i)perylene	28.744	276	3759055	58.072	ng	99

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

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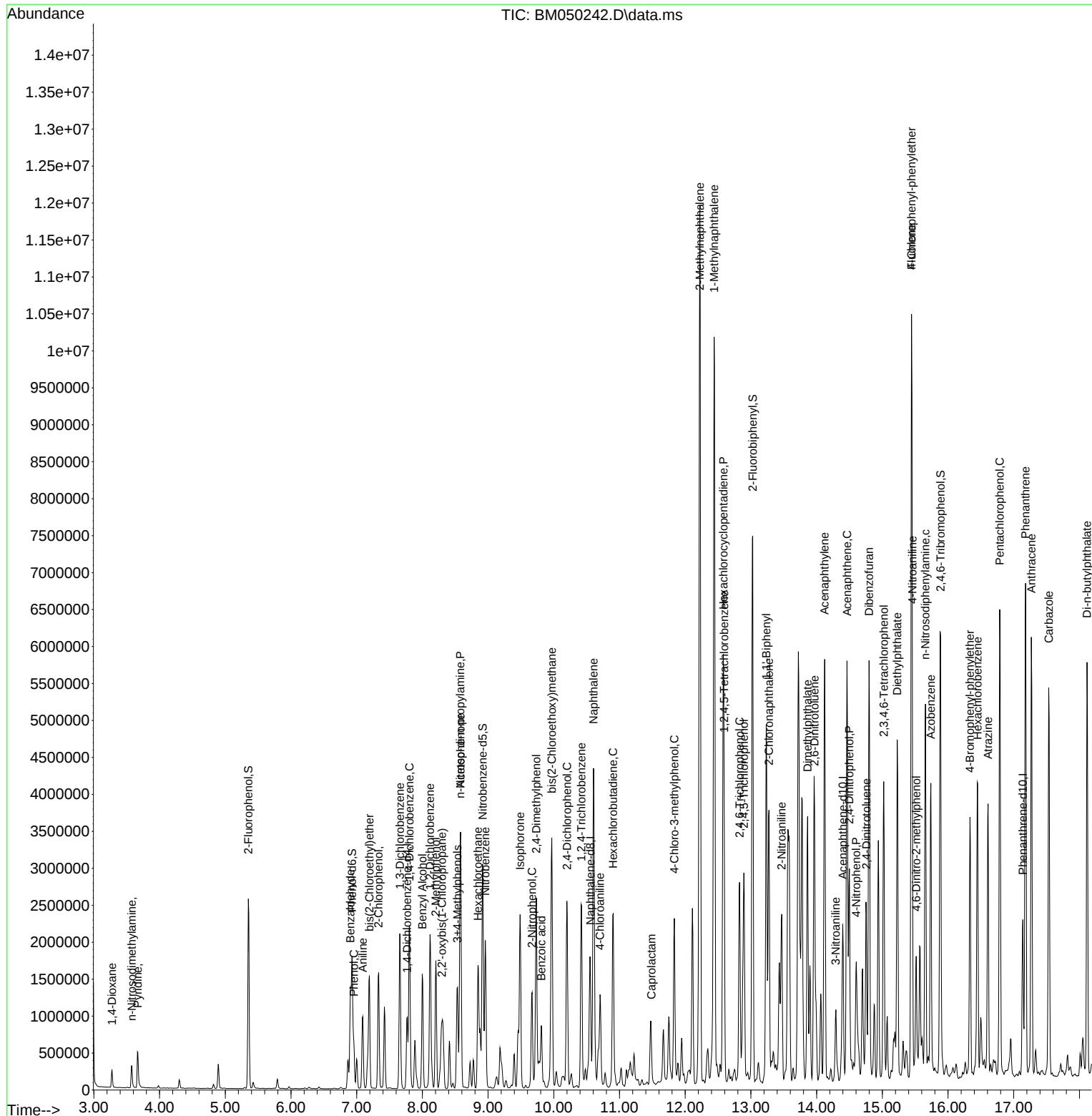
Quant Time: Jun 09 16:20:18 2025

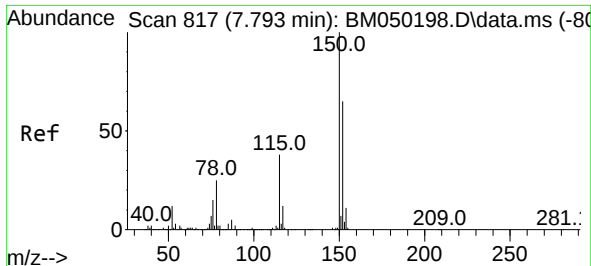
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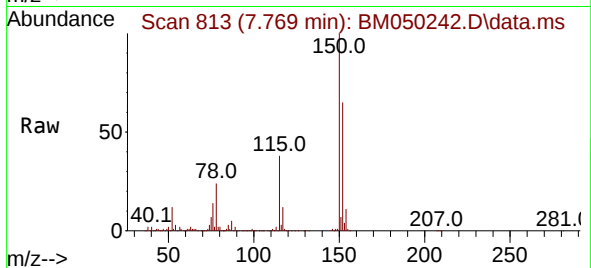
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

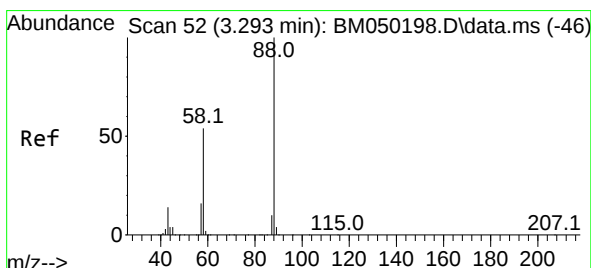
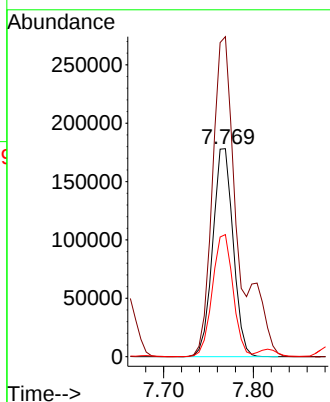
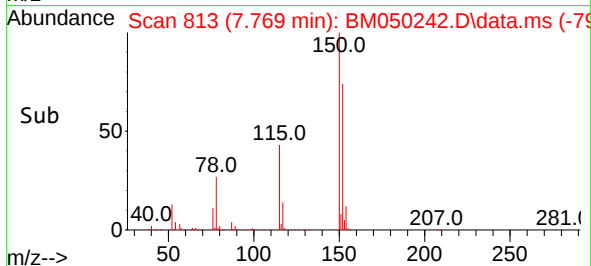
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:152 Resp: 28187
Ion Ratio Lower Upper
152 100
150 153.8 122.2 183.4
115 58.6 46.3 69.5

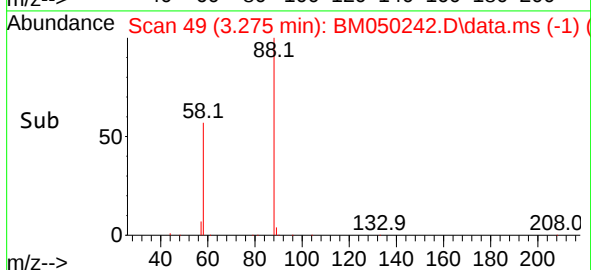
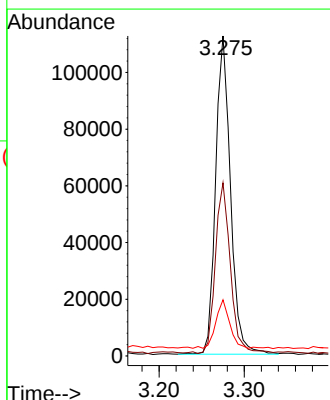
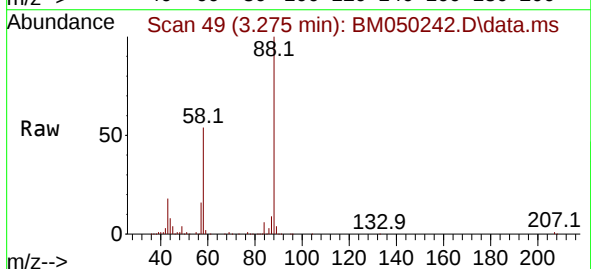
Manual Integrations
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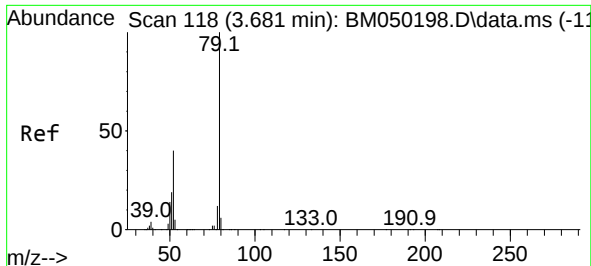
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#2
1,4-Dioxane
Concen: 18.404 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

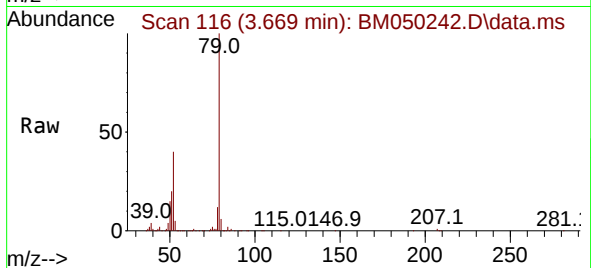
Tgt Ion: 88 Resp: 136315
Ion Ratio Lower Upper
88 100
58 53.5 42.9 64.3
43 14.9 11.0 16.6





#3
Pyridine
Concen: 17.449 ng
RT: 3.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

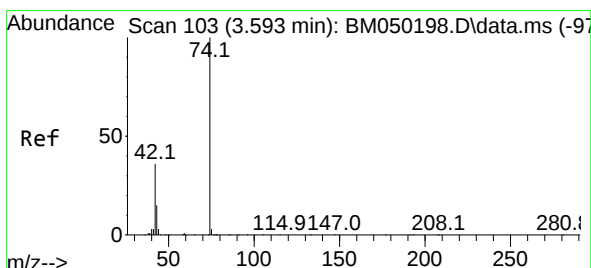
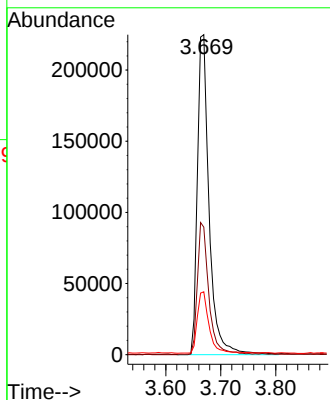
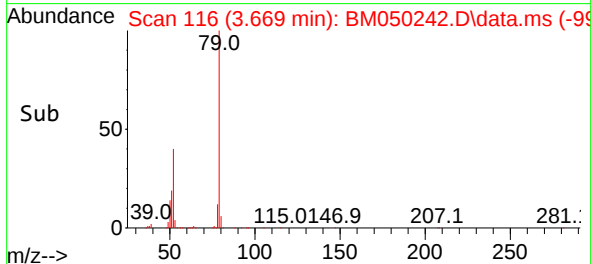
Instrument :
BNA_M
ClientSampleId :
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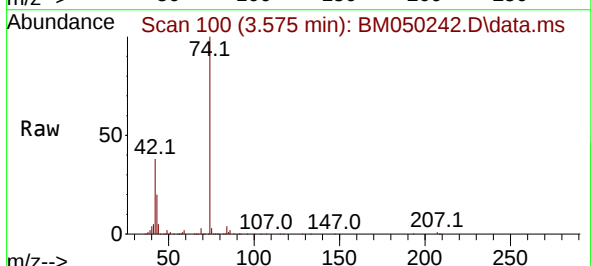
Tgt Ion: 79 Resp: 33470
Ion Ratio Lower Upper
79 100
52 39.8 32.1 48.1
51 19.7 15.4 23.0

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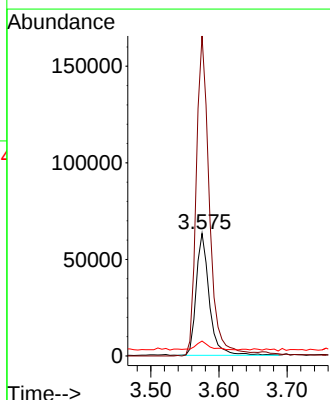
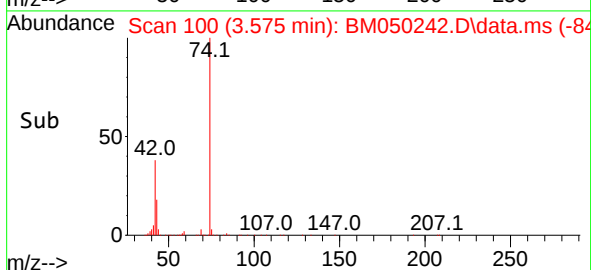
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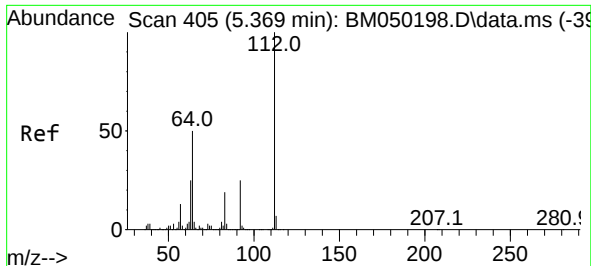


#4
n-Nitrosodimethylamine
Concen: 21.145 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



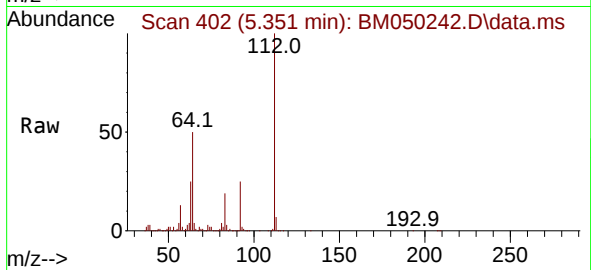
Tgt Ion: 42 Resp: 83869
Ion Ratio Lower Upper
42 100
74 261.2 222.0 333.0
44 12.1 7.0 10.6





#5
2-Fluorophenol
Concen: 71.674 ng
RT: 5.351 min Scan# 405
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

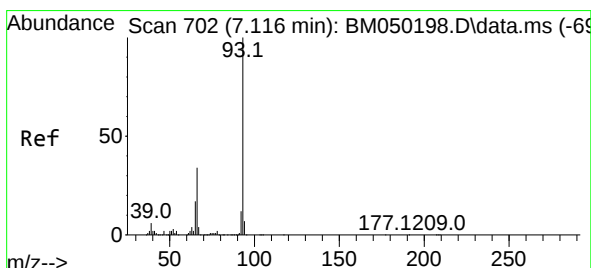
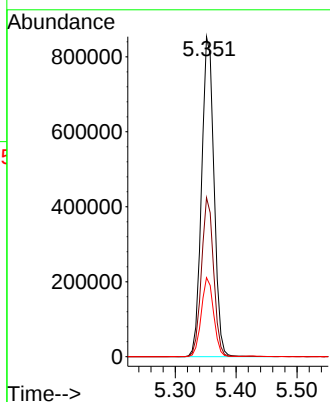
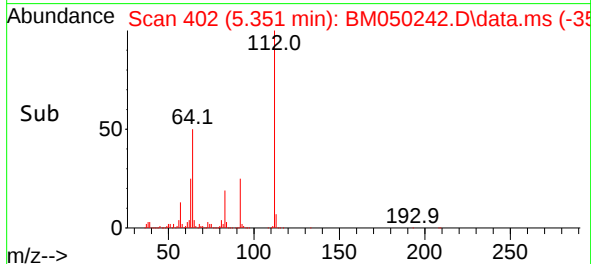
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 112 Resp: 1211110
Ion Ratio Lower Upper
112 100
64 49.7 39.8 59.6
63 24.7 19.8 29.8

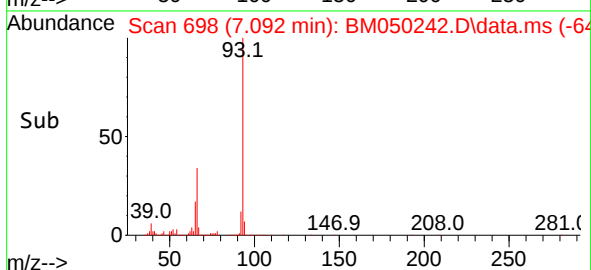
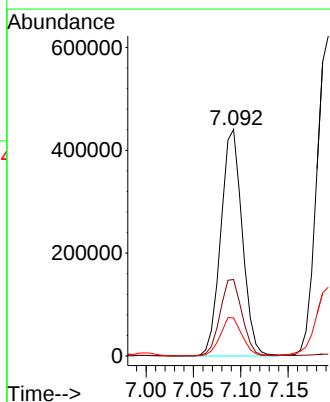
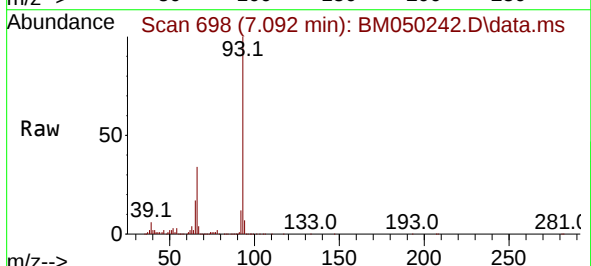
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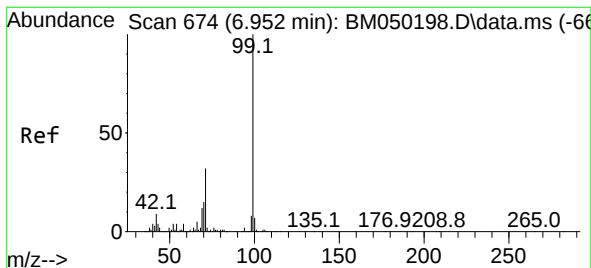
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#6
Aniline
Concen: 23.579 ng
RT: 7.092 min Scan# 698
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

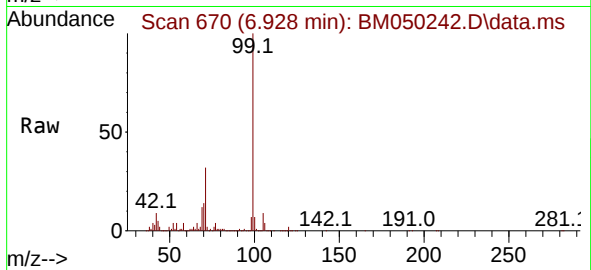
Tgt Ion: 93 Resp: 693378
Ion Ratio Lower Upper
93 100
66 33.8 27.4 41.2
65 16.8 13.6 20.4





#7
Phenol-d6
Concen: 46.349 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

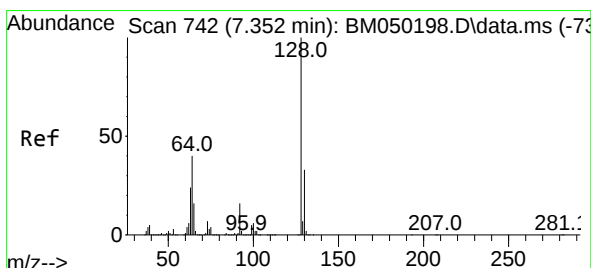
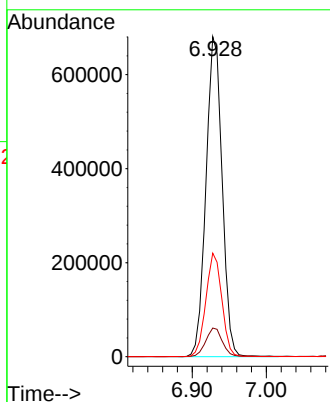
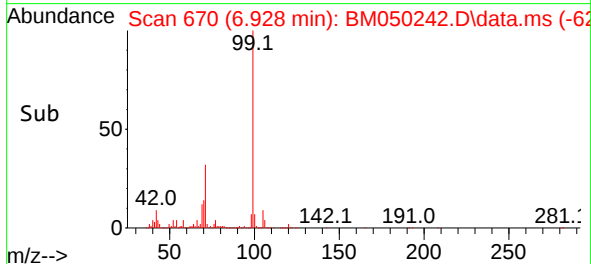
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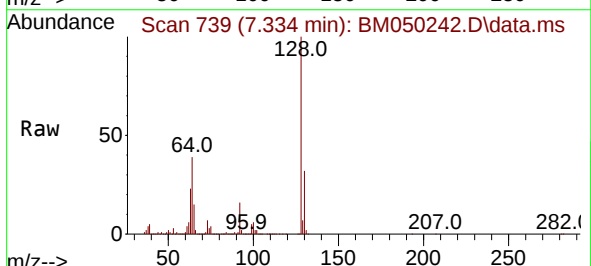
Tgt Ion: 99 Resp: 103099
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 32.3 25.3 37.9

Manual Integrations
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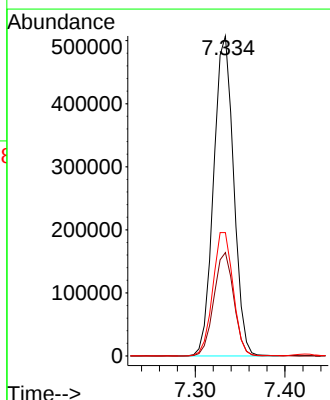
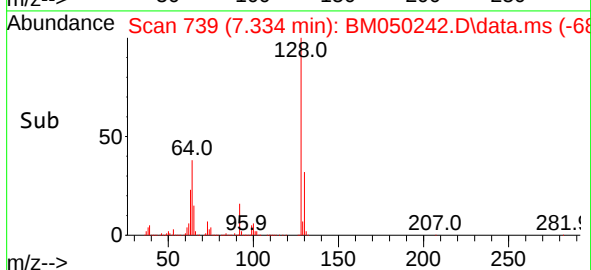
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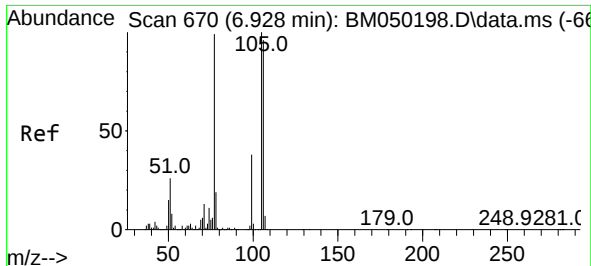


#8
2-Chlorophenol
Concen: 42.262 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.000 min
Lab File: BM050242.D
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Tgt Ion:128 Resp: 785509
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 38.5 19.8 59.8





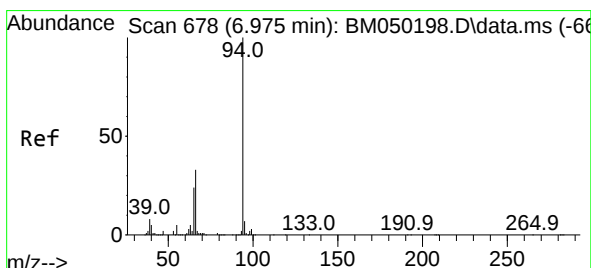
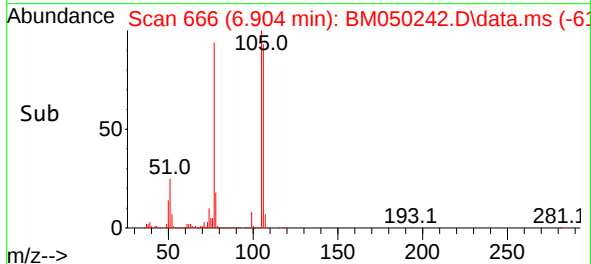
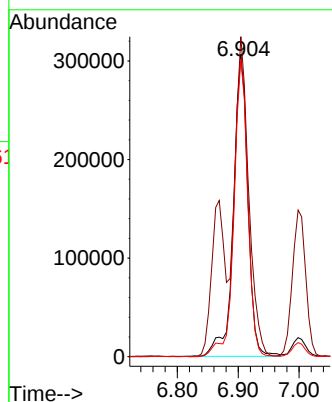
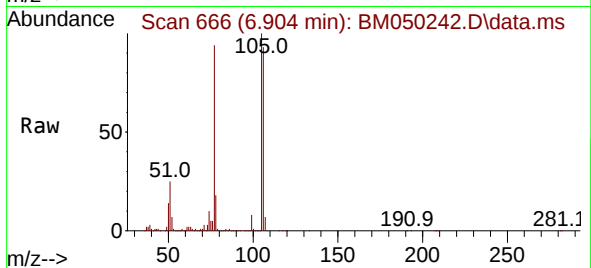
#9
Benzaldehyde
Concen: 35.729 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Instrument :
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Tgt Ion: 77 Resp: 50529
Ion Ratio Lower Upper
77 100
105 105.9 80.9 120.9
106 98.4 77.1 117.1

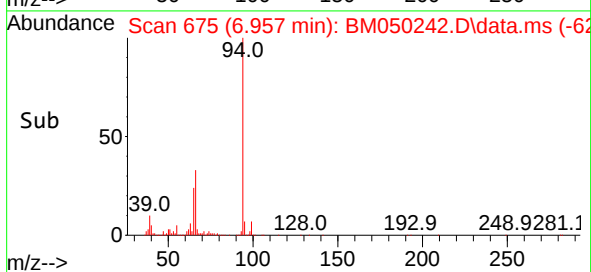
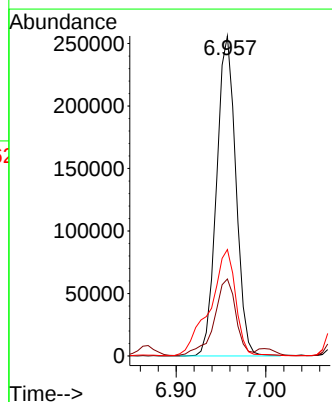
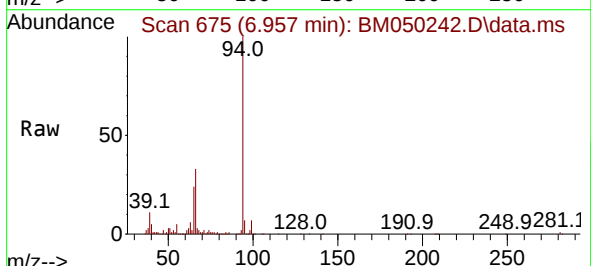
Manual Integrations
APPROVED

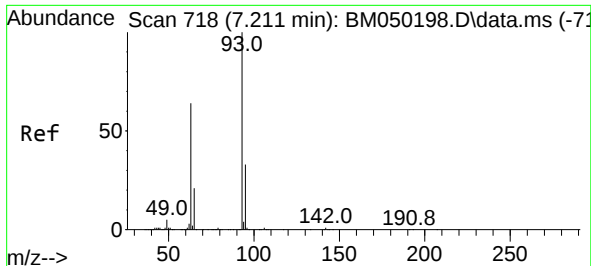
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#10
Phenol
Concen: 16.191 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

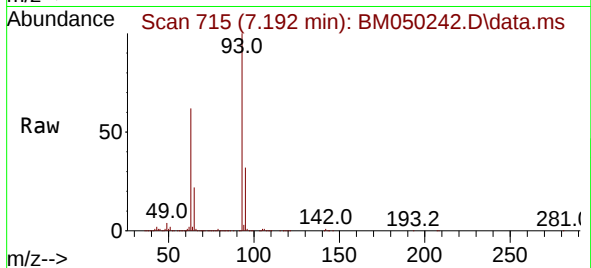
Tgt Ion: 94 Resp: 381059
Ion Ratio Lower Upper
94 100
65 24.1 4.3 44.3
66 33.3 12.9 52.9





#11
bis(2-Chloroethyl)ether
Concen: 48.005 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

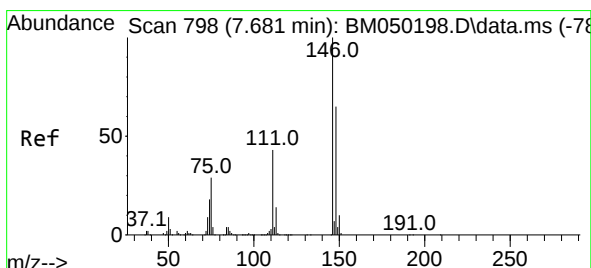
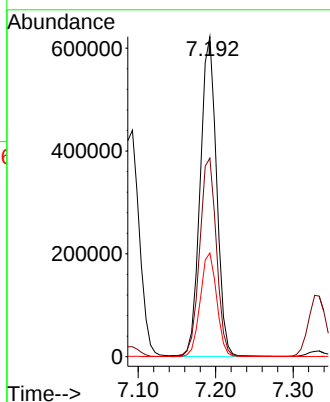
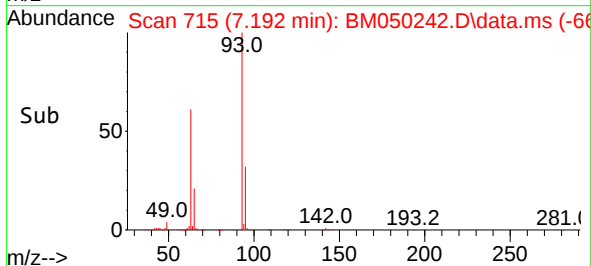
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion: 93 Resp: 90876
Ion Ratio Lower Upper
93 100
63 62.0 43.9 83.9
95 32.4 12.7 52.7

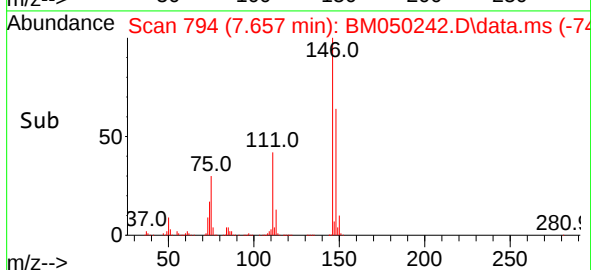
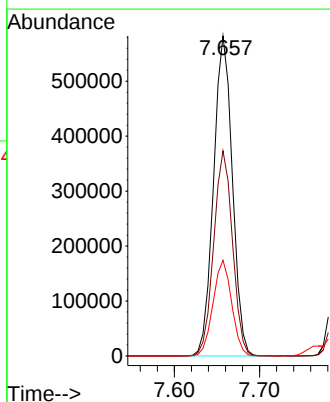
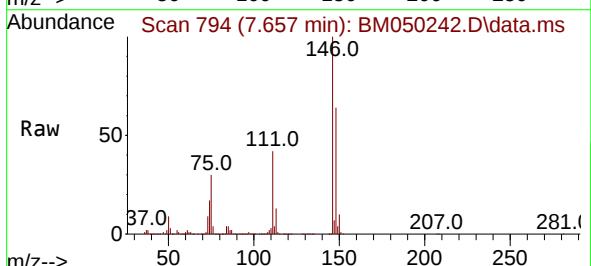
Manual Integrations
APPROVED

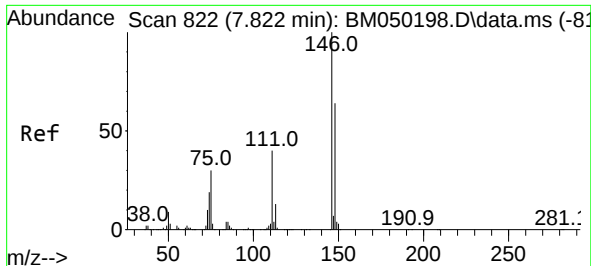
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#12
1,3-Dichlorobenzene
Concen: 42.989 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Tgt Ion:146 Resp: 893261
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 29.9 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 42.700 ng

RT: 7.804 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:146 Resp: 92314

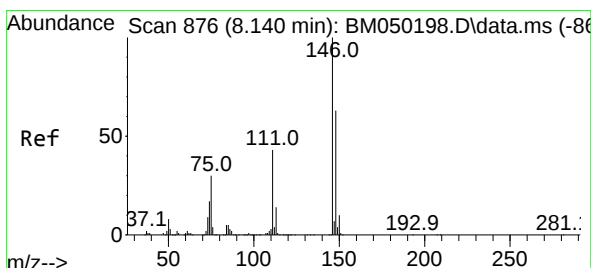
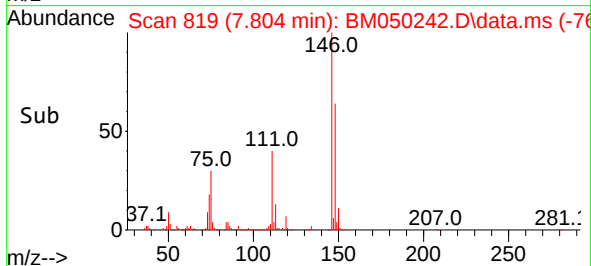
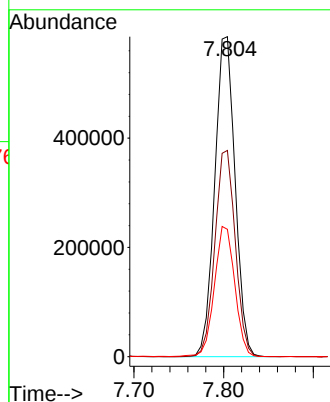
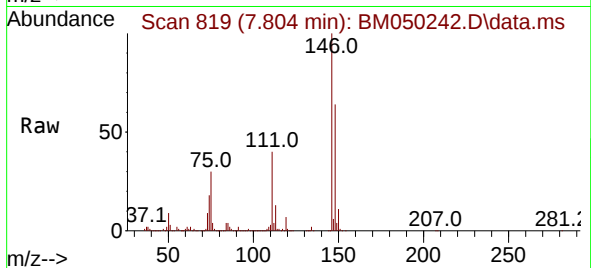
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
111	39.8	32.3	48.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#14

1,2-Dichlorobenzene

Concen: 44.206 ng

RT: 8.116 min Scan# 872

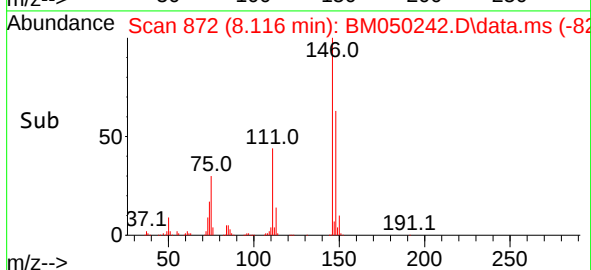
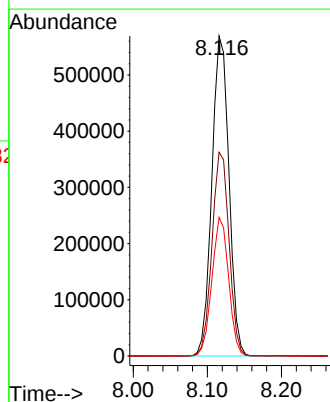
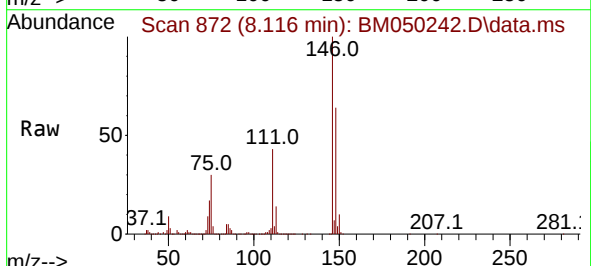
Delta R.T. -0.006 min

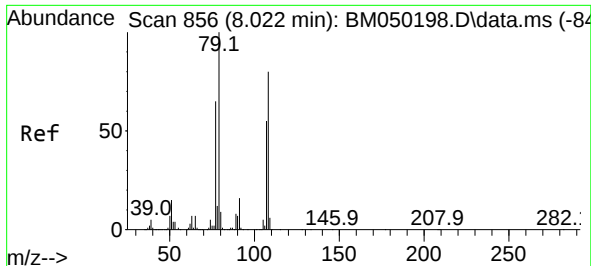
Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Tgt Ion:146 Resp: 911084

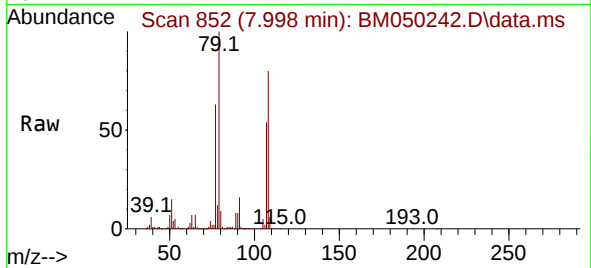
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	43.3	34.3	51.5





#15
Benzyl Alcohol
Concen: 33.748 ng
RT: 7.998 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

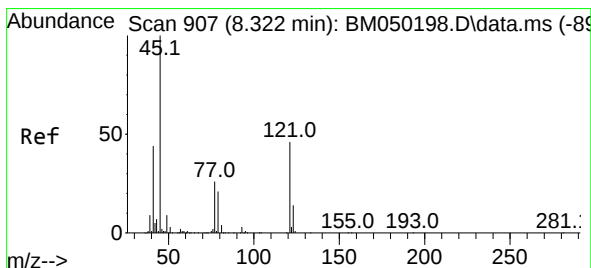
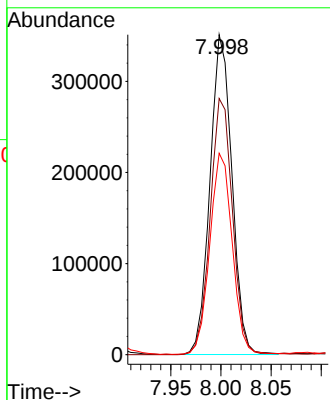
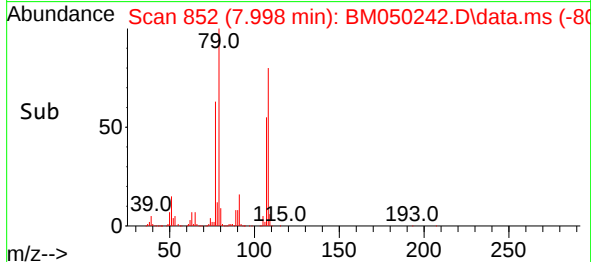
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



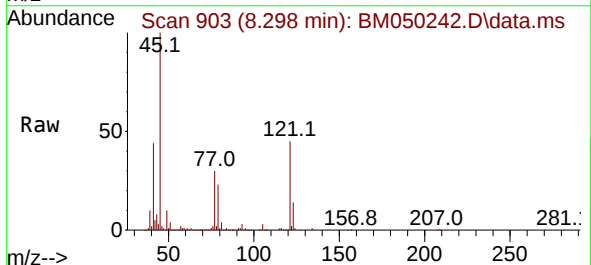
Tgt Ion: 79 Resp: 535429
Ion Ratio Lower Upper
79 100
108 80.1 64.0 96.0
77 63.0 52.2 78.2

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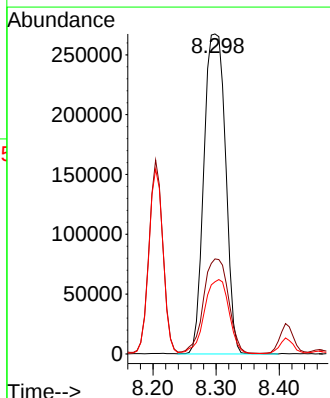
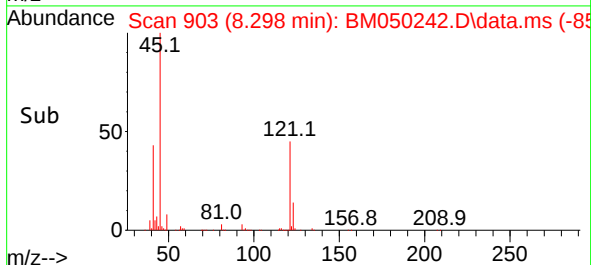
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

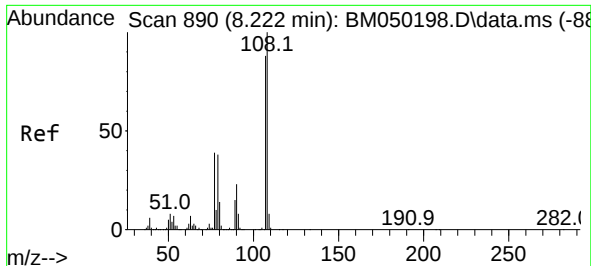


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.338 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



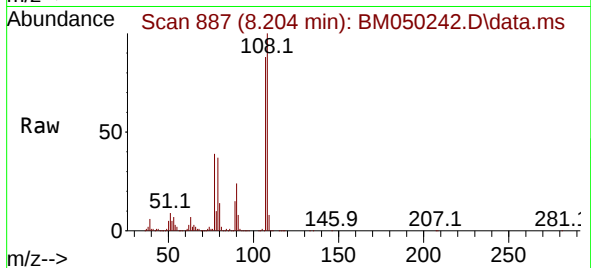
Tgt Ion: 45 Resp: 635679
Ion Ratio Lower Upper
45 100
77 29.7 8.7 48.7
79 22.6 2.7 42.7





#17
2-Methylphenol
Concen: 36.019 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

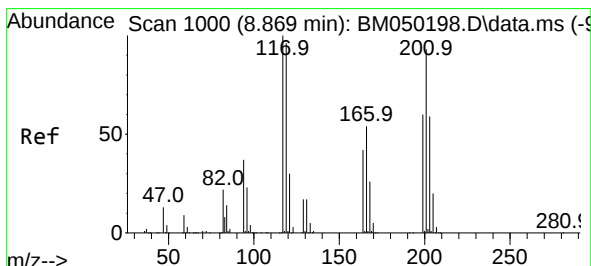
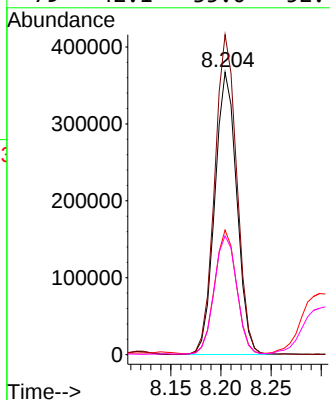
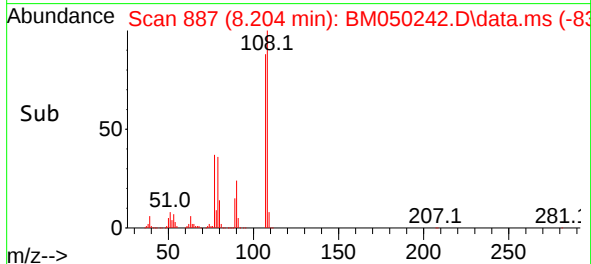
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:107 Resp: 559350
Ion Ratio Lower Upper
107 100
108 113.3 90.8 136.2
77 44.2 35.7 53.5
79 42.1 35.0 52.4

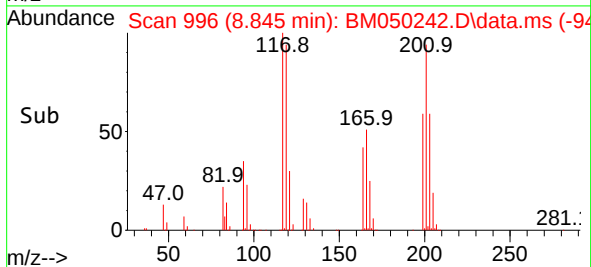
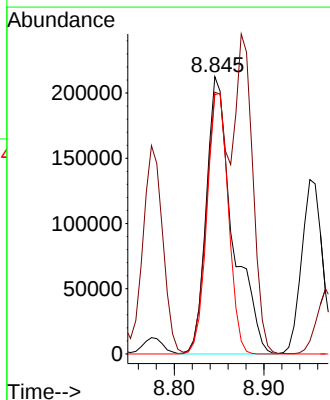
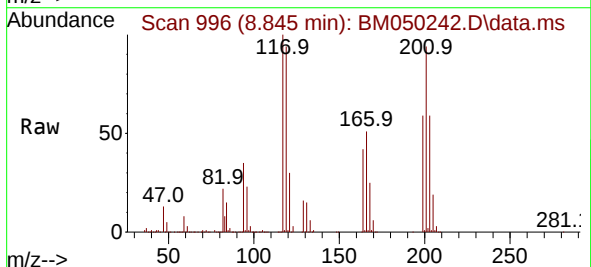
Manual Integrations
APPROVED

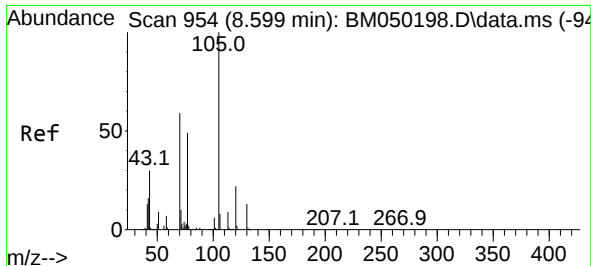
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#18
Hexachloroethane
Concen: 55.677 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

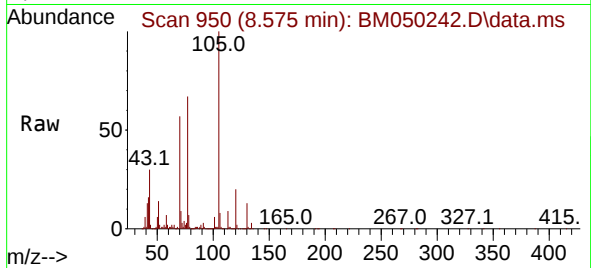
Tgt Ion:117 Resp: 435909
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.6
201 93.5 74.6 111.8





#19
n-Nitroso-di-n-propylamine
Concen: 49.326 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

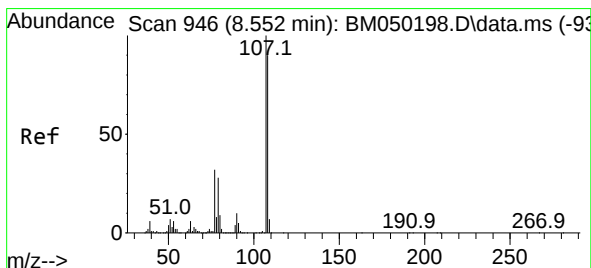
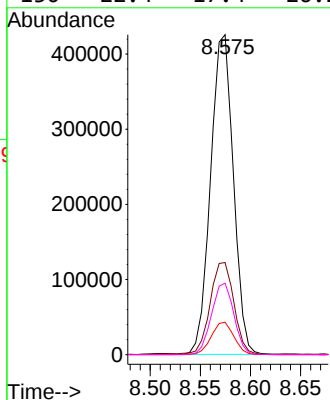
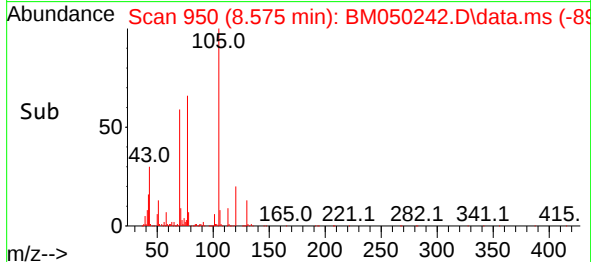
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion: 70 Resp: 671445
Ion Ratio Lower Upper
70 100
42 28.8 22.6 33.8
101 10.2 8.3 12.5
130 22.4 17.4 26.2

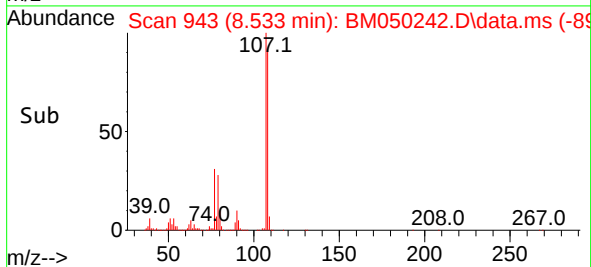
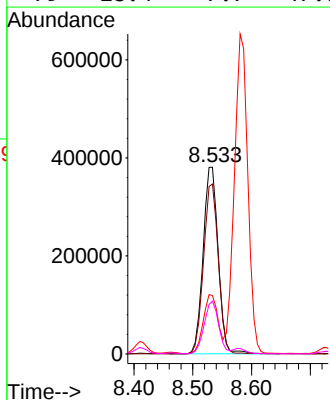
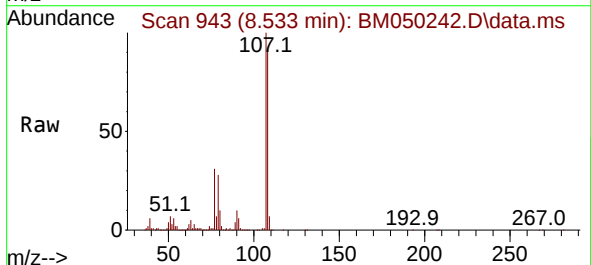
Manual Integrations
APPROVED

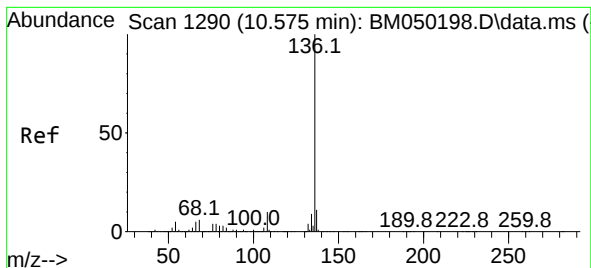
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#20
3+4-Methylphenols
Concen: 32.503 ng
RT: 8.533 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

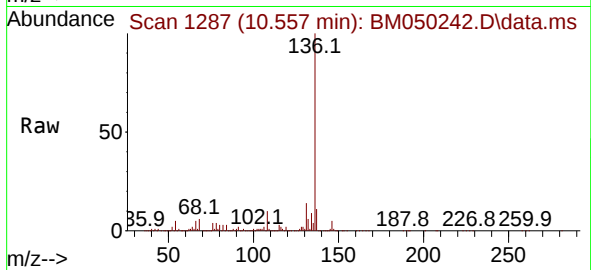
Tgt Ion:107 Resp: 675295
Ion Ratio Lower Upper
107 100
108 90.9 70.4 110.4
77 31.2 12.2 52.2
79 28.4 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

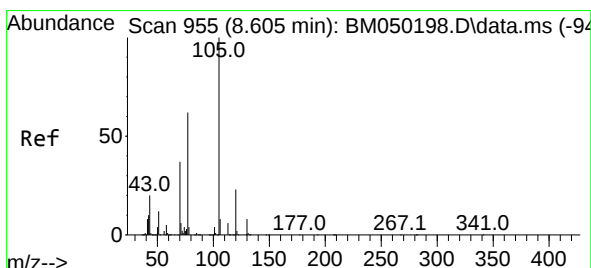
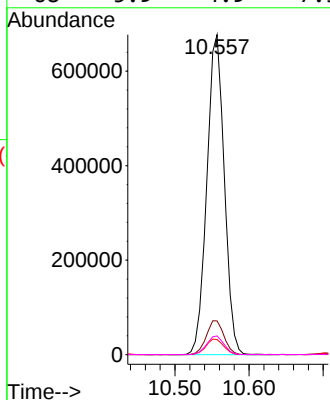
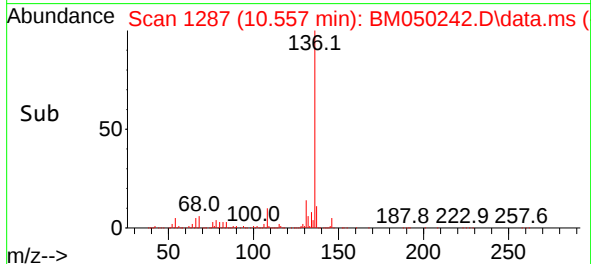
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:136 Resp: 1107260
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 4.7 3.8 5.8
68 5.9 4.9 7.3

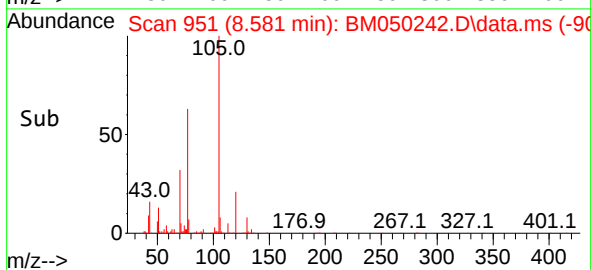
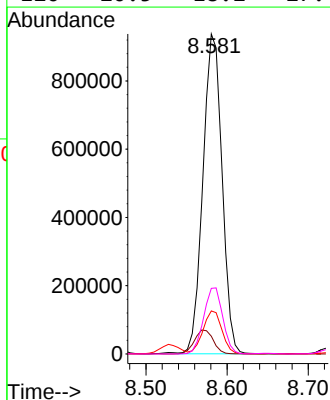
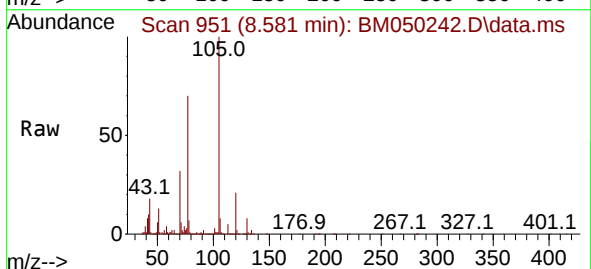
Manual Integrations
APPROVED

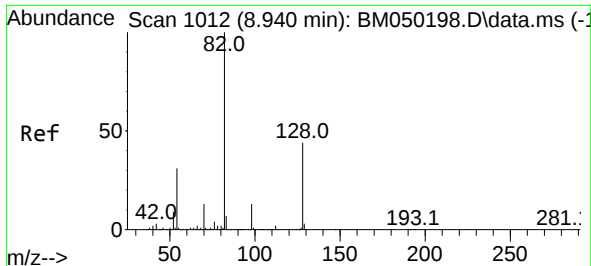
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#22
Acetophenone
Concen: 55.346 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Tgt Ion:105 Resp: 1531014
Ion Ratio Lower Upper
105 100
71 5.6 5.0 7.4
51 13.4 11.4 17.2
120 20.5 18.2 27.4





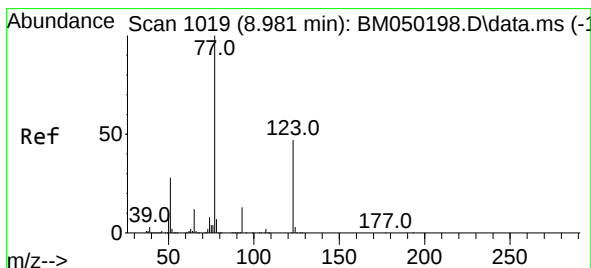
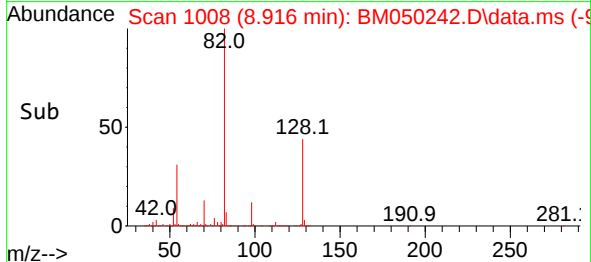
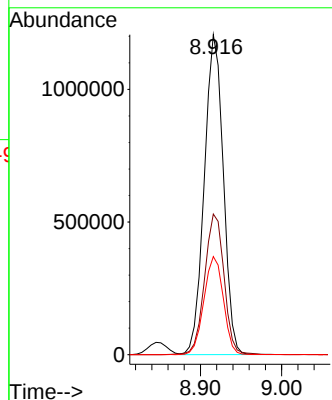
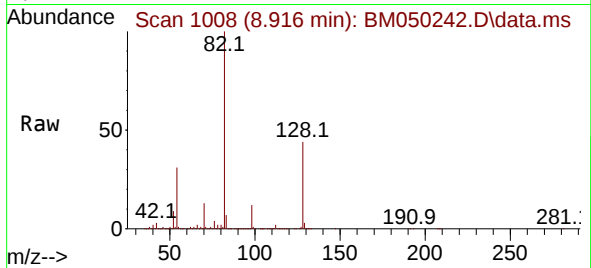
#23
Nitrobenzene-d5
Concen: 92.026 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Tgt Ion: 82 Resp: 1959264
Ion Ratio Lower Upper
82 100
128 44.0 35.2 52.8
54 30.7 24.5 36.7

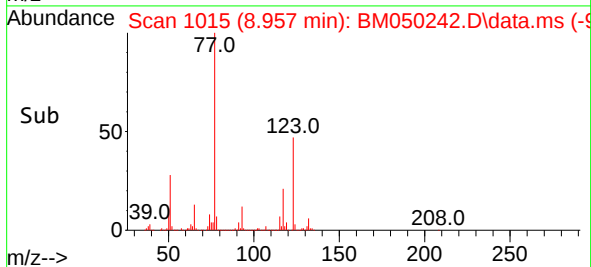
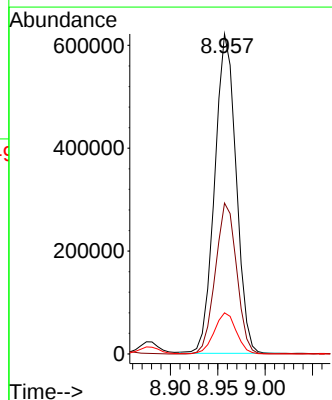
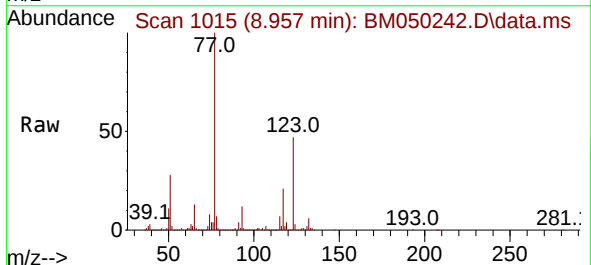
Manual Integrations
APPROVED

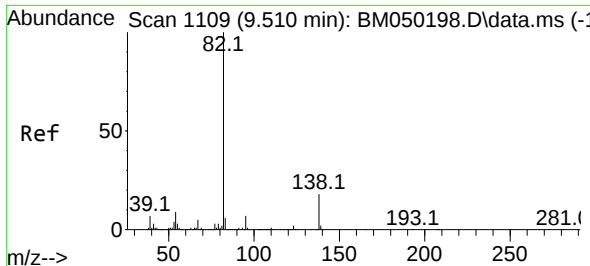
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#24
Nitrobenzene
Concen: 50.506 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Tgt Ion: 77 Resp: 977949
Ion Ratio Lower Upper
77 100
123 47.1 38.2 57.2
65 12.9 9.5 14.3





#25

Isophorone

Concen: 51.652 ng

RT: 9.486 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion: 82 Resp: 189805

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

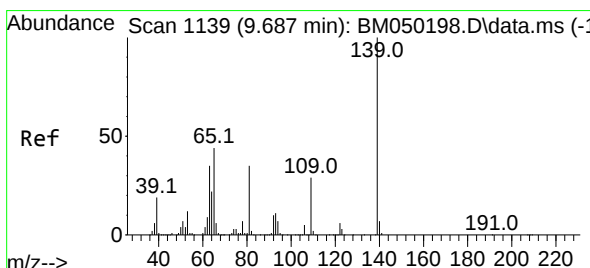
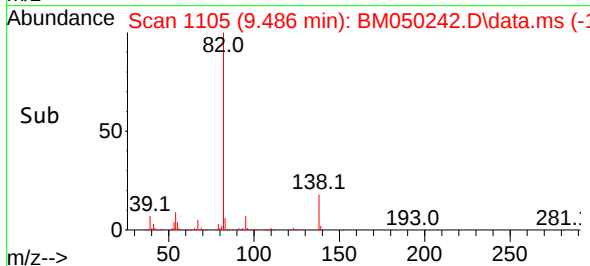
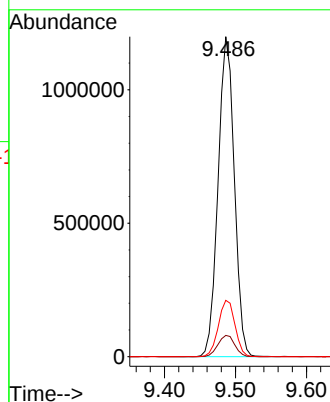
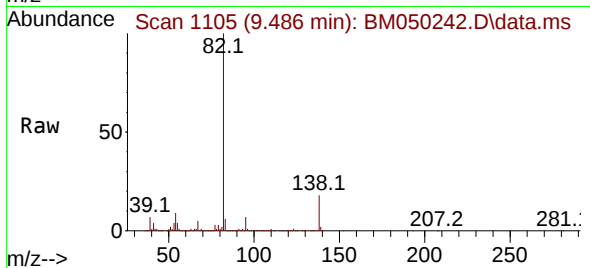
138 17.6 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#26

2-Nitrophenol

Concen: 54.058 ng

RT: 9.669 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

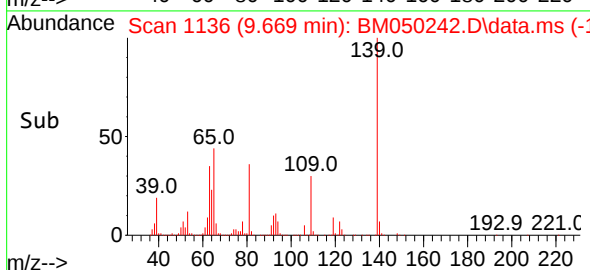
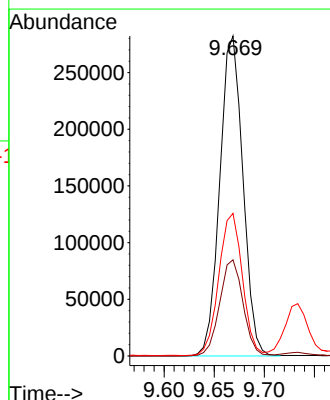
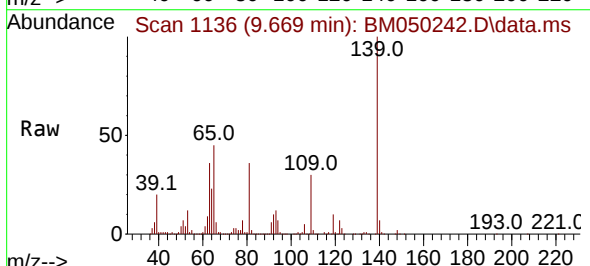
Tgt Ion:139 Resp: 451831

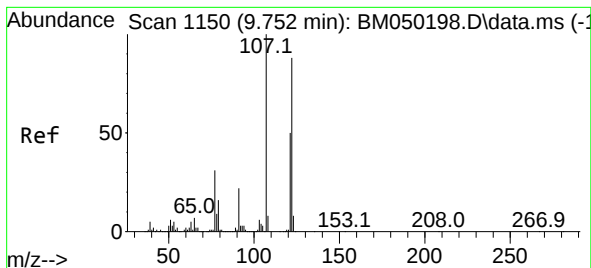
Ion Ratio Lower Upper

139 100

109 30.0 23.3 34.9

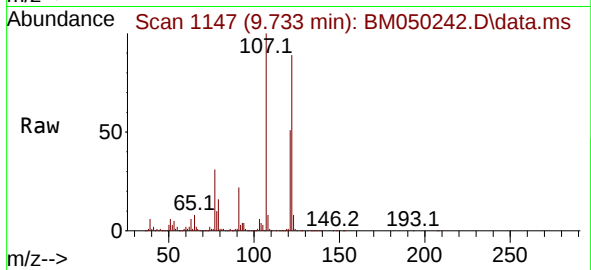
65 44.5 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 47.603 ng
RT: 9.733 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

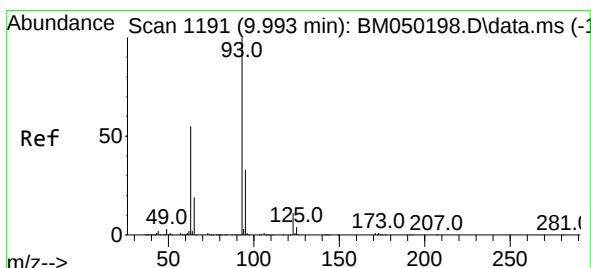
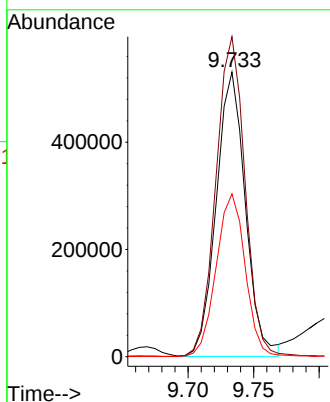
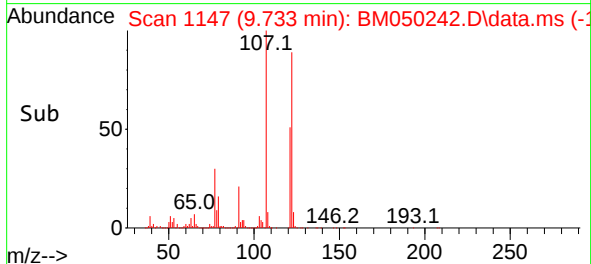
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



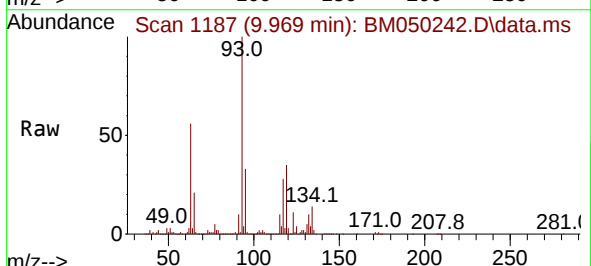
Tgt Ion:122 Resp: 817519
Ion Ratio Lower Upper
122 100
107 112.4 91.0 136.6
121 57.2 45.8 68.6

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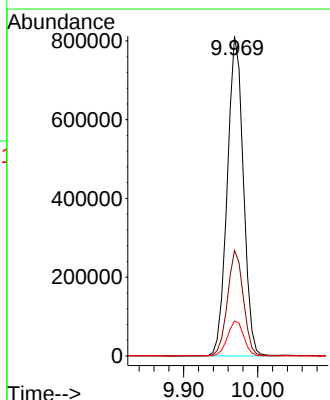
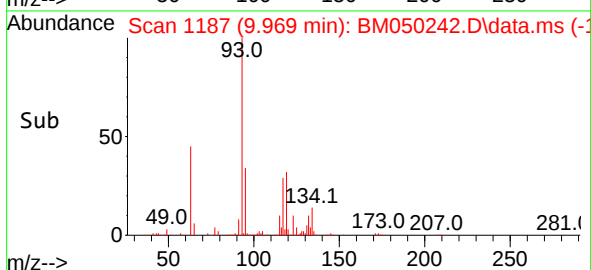
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

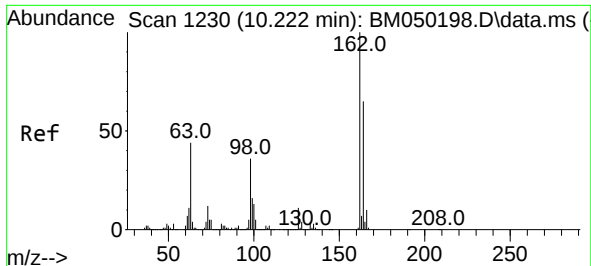


#28
bis(2-Chloroethoxy)methane
Concen: 50.845 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



Tgt Ion: 93 Resp: 1220579
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 10.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.791 ng

RT: 10.204 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:162 Resp: 80719

Ion Ratio Lower Upper

162 100

164 65.4 45.0 85.0

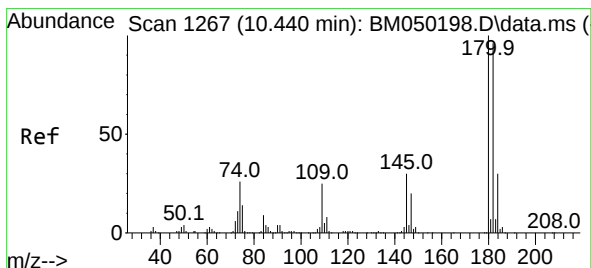
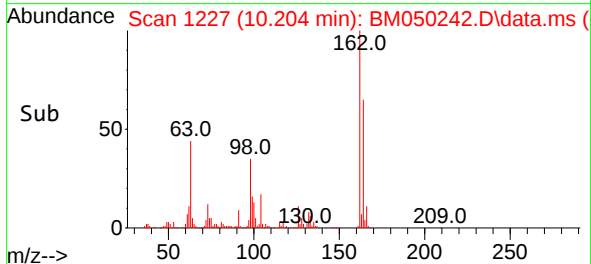
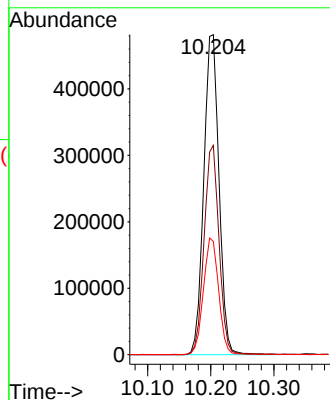
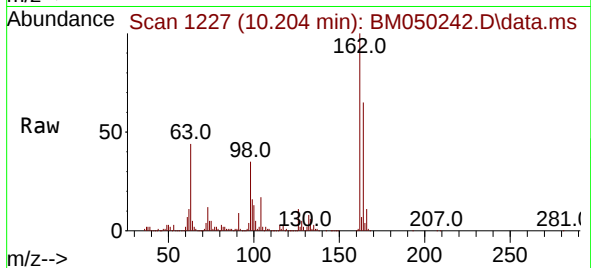
98 35.4 16.3 56.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.958 ng

RT: 10.422 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

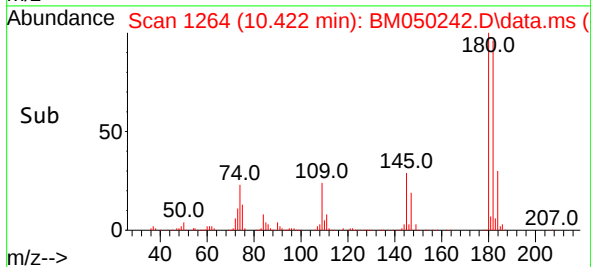
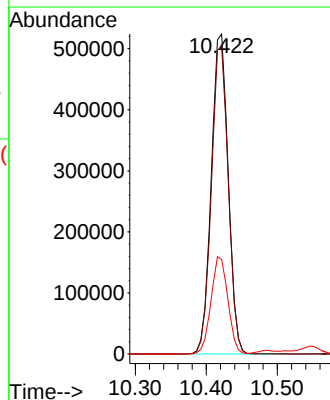
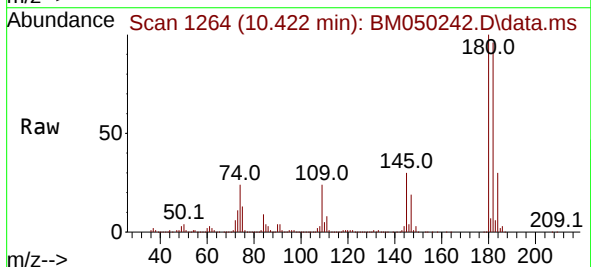
Tgt Ion:180 Resp: 865818

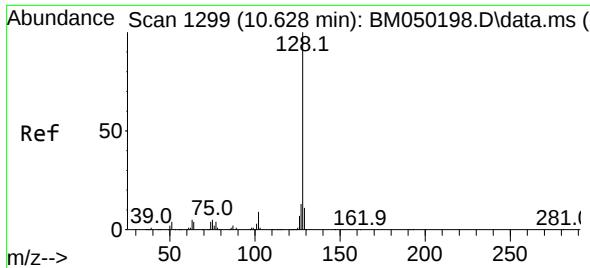
Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

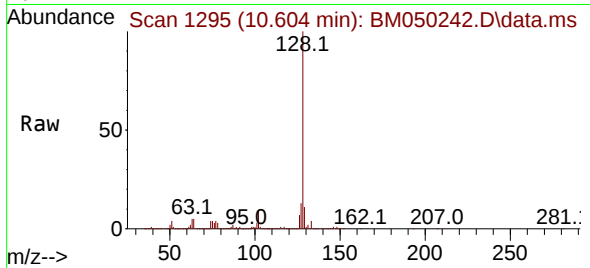
145 29.5 24.2 36.4





#31
Naphthalene
Concen: 59.112 ng
RT: 10.604 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

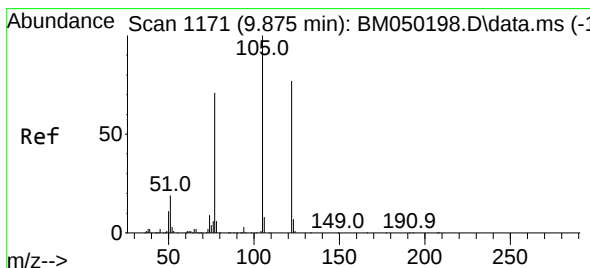
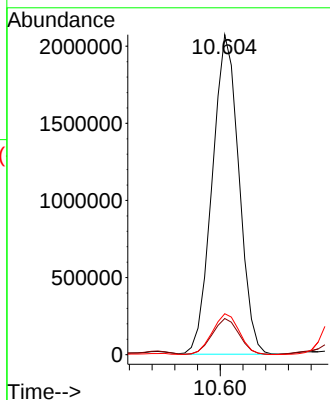
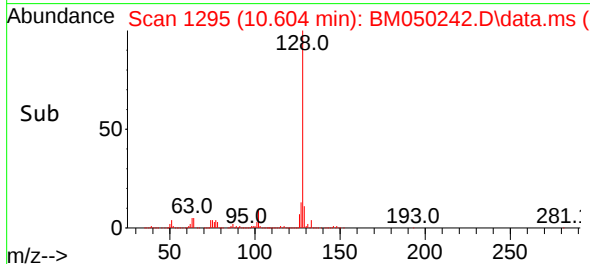
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:128 Resp: 3384040
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.8 10.2 15.4

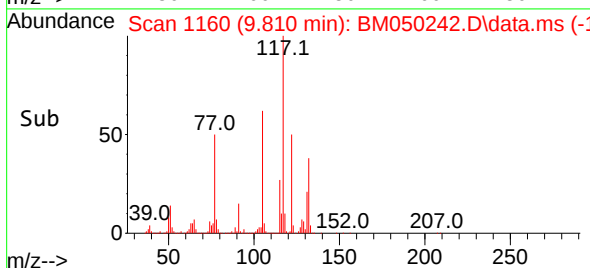
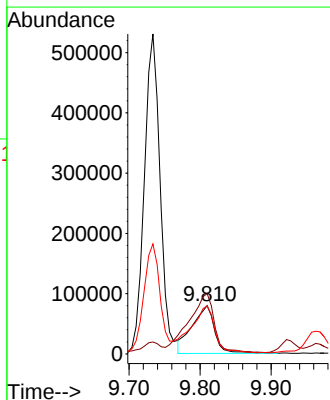
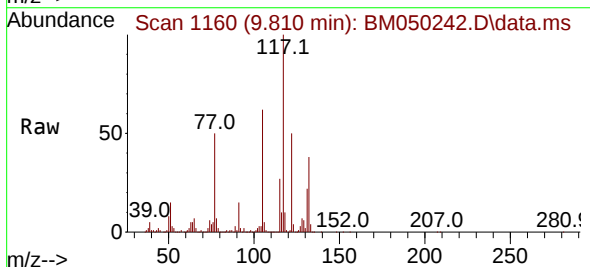
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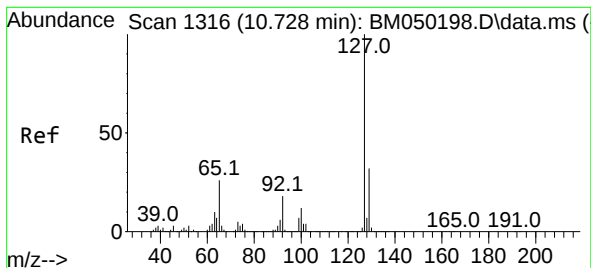
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#32
Benzoic acid
Concen: 16.318 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.035 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

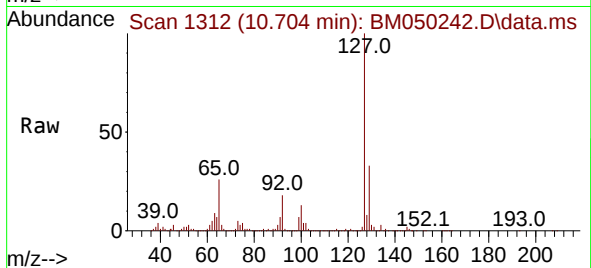
Tgt Ion:122 Resp: 176121
Ion Ratio Lower Upper
122 100
105 124.7 103.4 143.4
77 99.7 70.3 110.3





#33
4-Chloroaniline
Concen: 27.351 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

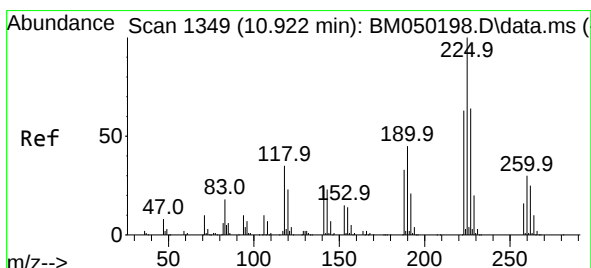
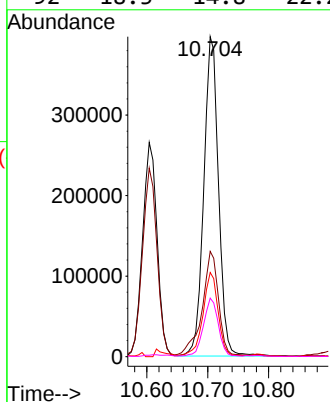
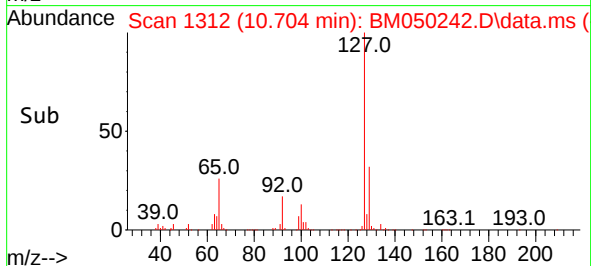


Tgt Ion:127 Resp: 66756

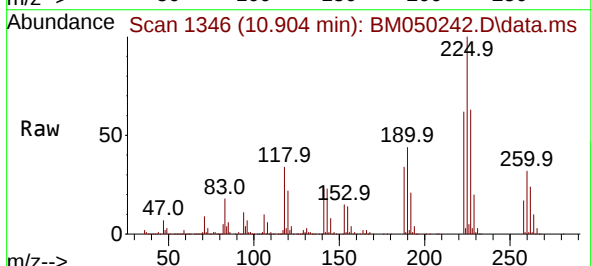
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.0
65	26.3	21.0	31.4
92	18.3	14.8	22.2

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

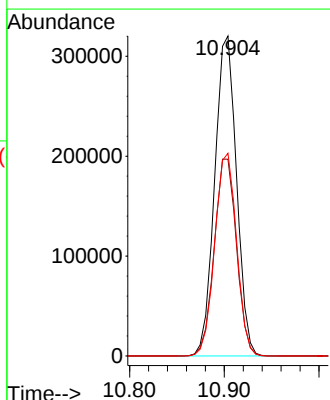
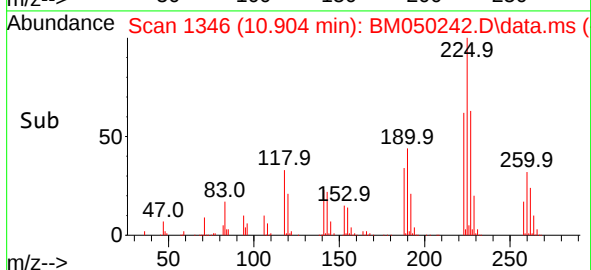


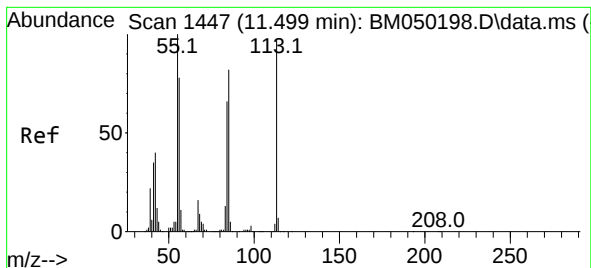
#34
Hexachlorobutadiene
Concen: 48.788 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



Tgt Ion:225 Resp: 513215

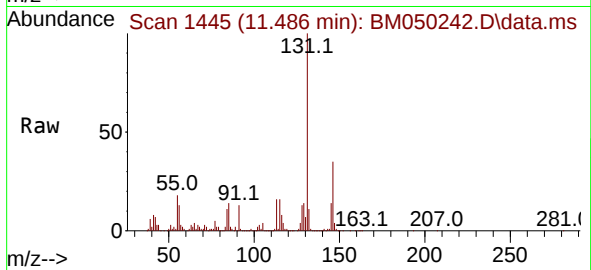
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	63.3	51.0	76.4





#35
Caprolactam
Concen: 10.121 ng
RT: 11.486 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

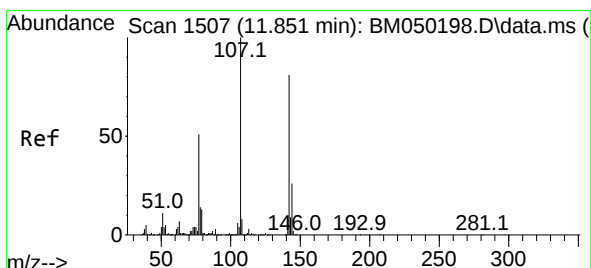
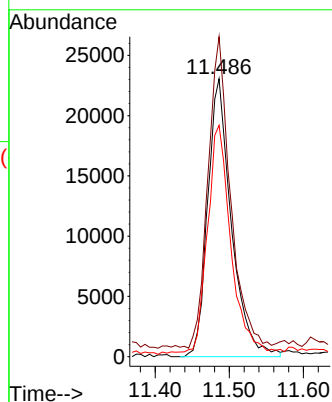
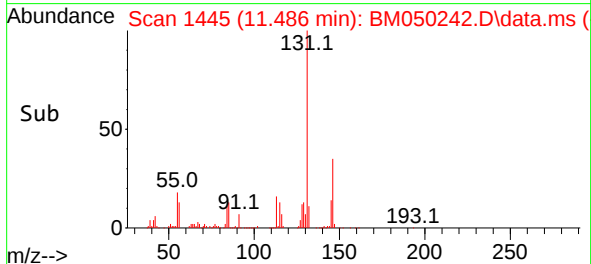
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:113 Resp: 50990
Ion Ratio Lower Upper
113 100
55 115.1 83.5 123.5
56 83.2 60.6 100.6

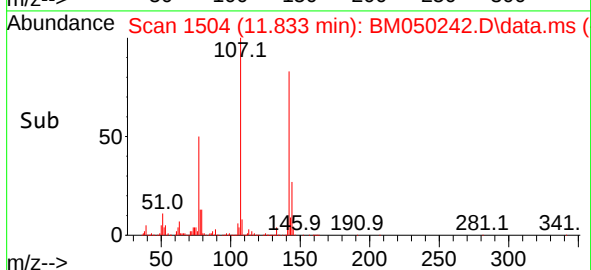
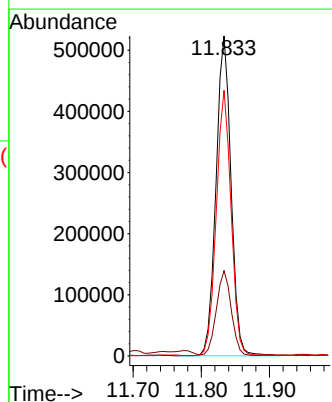
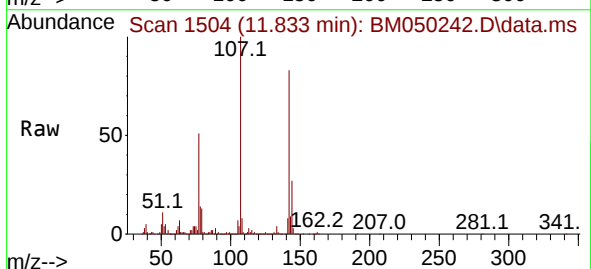
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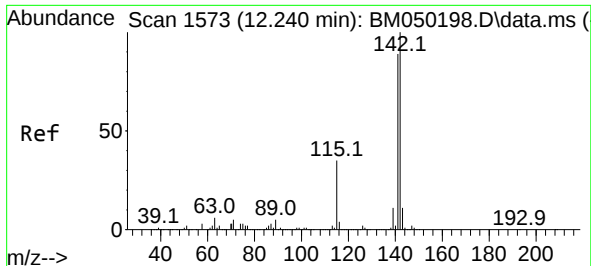
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#36
4-Chloro-3-methylphenol
Concen: 47.312 ng
RT: 11.833 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

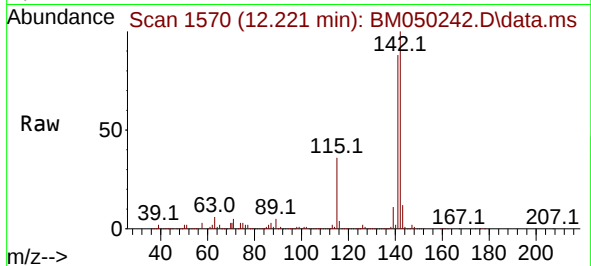
Tgt Ion:107 Resp: 802313
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.6
142 83.0 64.8 97.2





#37
2-Methylnaphthalene
Concen: 172.199 ng
RT: 12.221 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

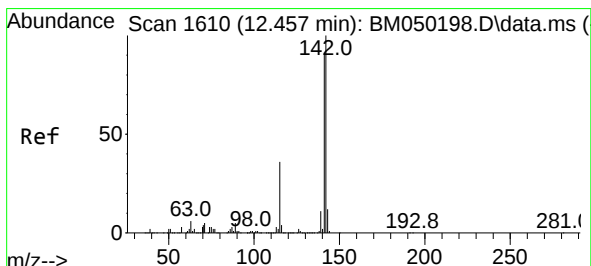
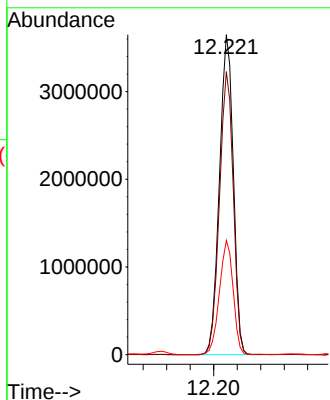
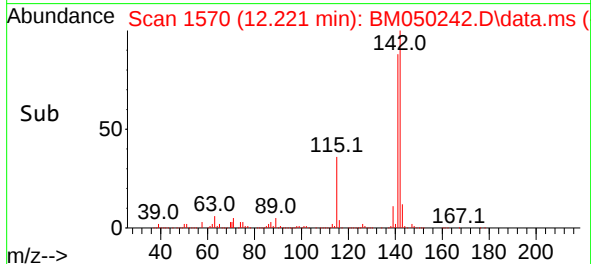
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



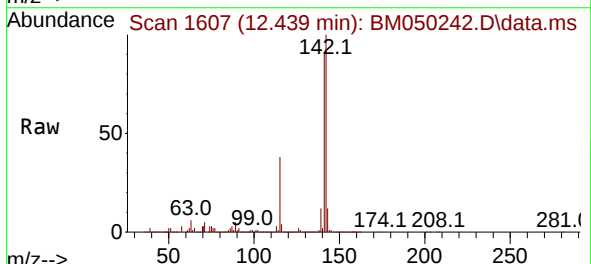
Tgt Ion:142 Resp: 594712
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3
115 35.7 27.8 41.8

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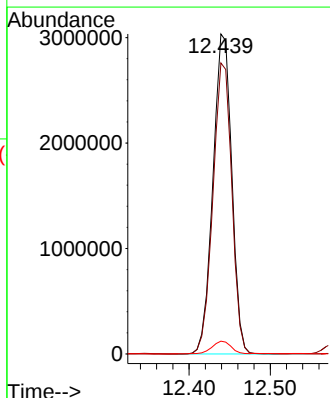
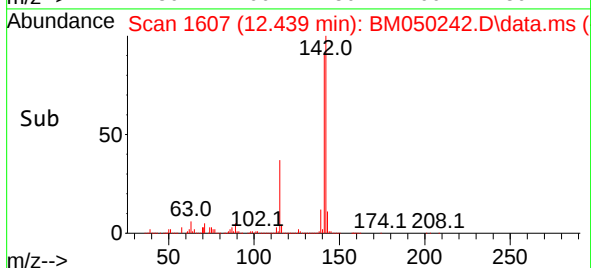
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

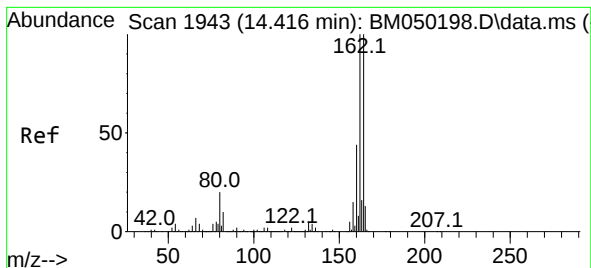


#38
1-Methylnaphthalene
Concen: 133.330 ng
RT: 12.439 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



Tgt Ion:142 Resp: 4887345
Ion Ratio Lower Upper
142 100
141 91.0 72.9 109.3
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1943

Delta R.T. -0.000 min

Lab File: BM050242.D

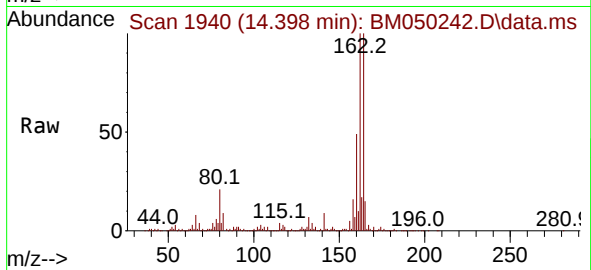
Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD



Tgt Ion:164 Resp: 64459

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.4

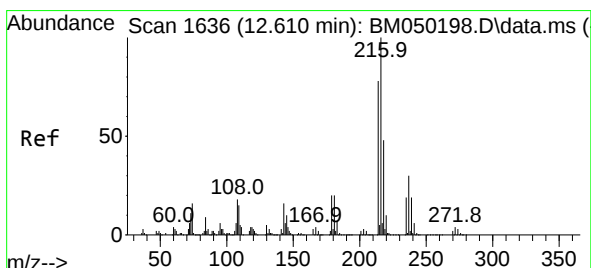
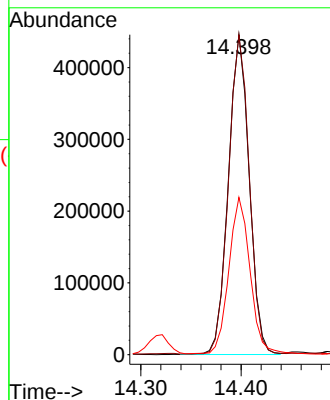
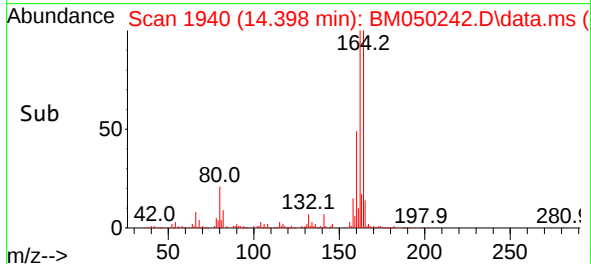
160 49.2 35.7 53.5

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.218 ng

RT: 12.592 min Scan# 1633

Delta R.T. 0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Tgt Ion:216 Resp: 953327

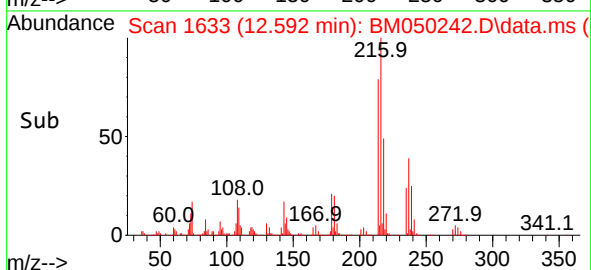
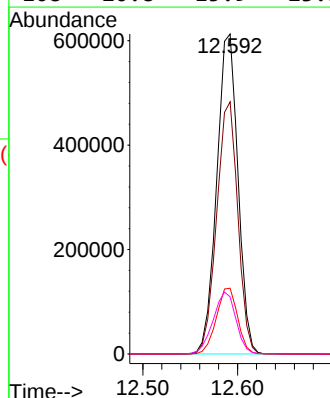
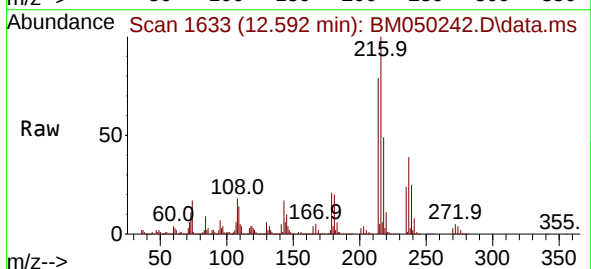
Ion Ratio Lower Upper

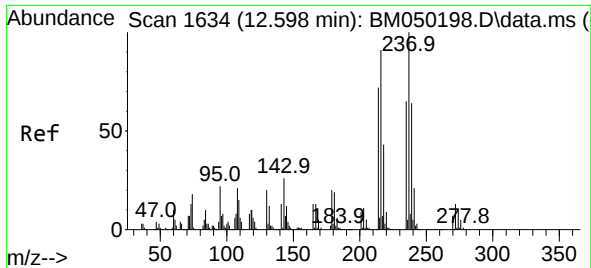
216 100

214 78.4 63.0 94.4

179 20.7 16.6 25.0

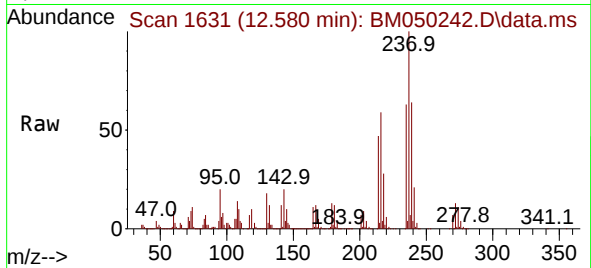
108 20.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 93.561 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

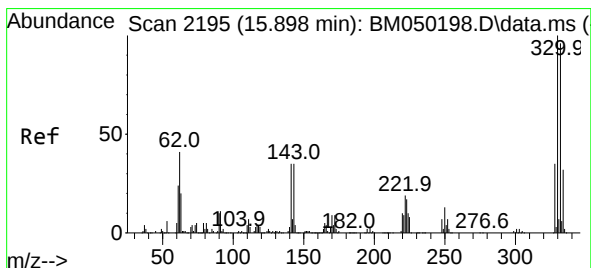
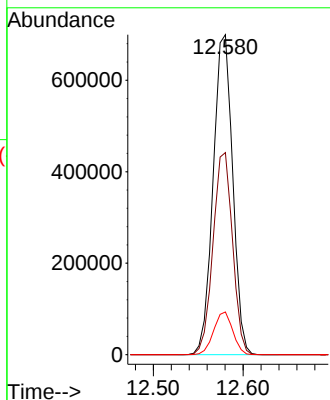
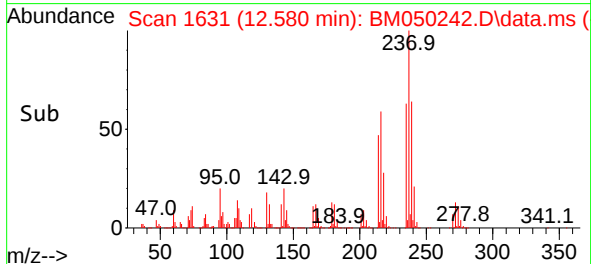
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



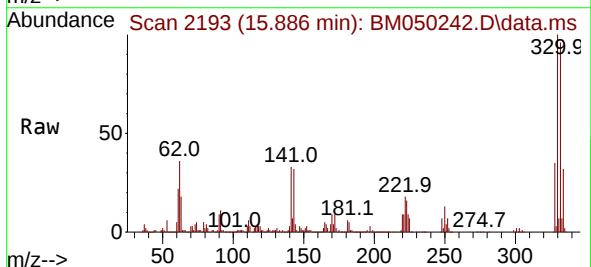
Tgt Ion:237 Resp: 105760
Ion Ratio Lower Upper
237 100
235 63.1 44.6 84.6
272 13.4 0.0 33.1

Manual Integrations
APPROVED

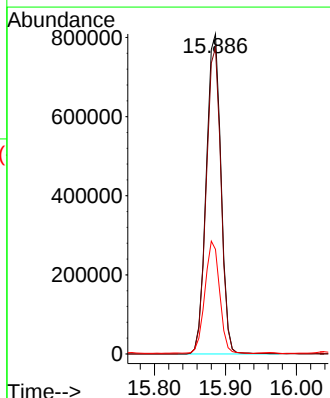
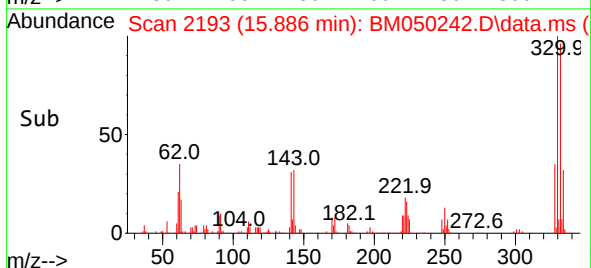
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

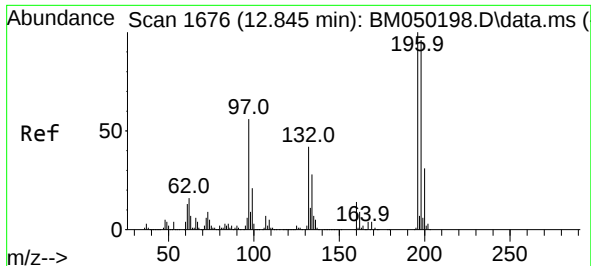


#42
2,4,6-Tribromophenol
Concen: 159.225 ng
RT: 15.886 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



Tgt Ion:330 Resp: 1167405
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 34.9 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 53.862 ng

RT: 12.827 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050242.D

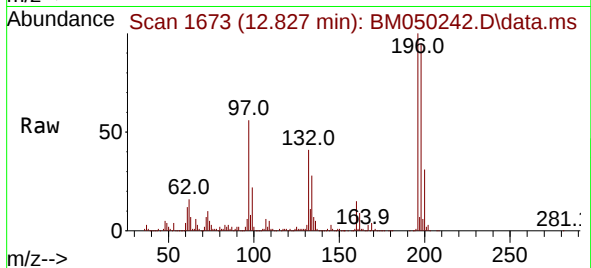
Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD



Tgt Ion:196 Resp: 659289

Ion Ratio Lower Upper

196 100

198 94.6 76.6 115.0

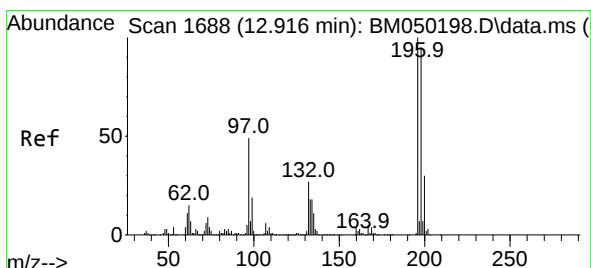
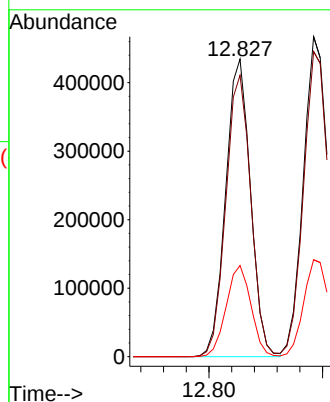
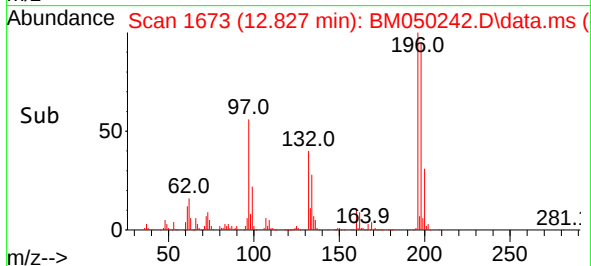
200 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#44

2,4,5-Trichlorophenol

Concen: 52.881 ng

RT: 12.892 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Tgt Ion:196 Resp: 710689

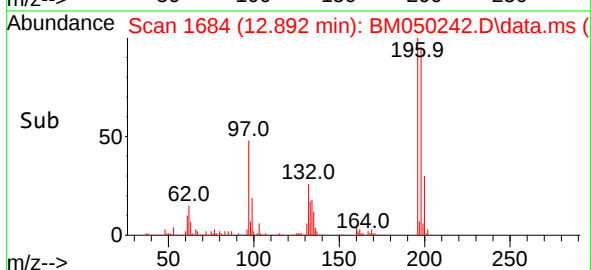
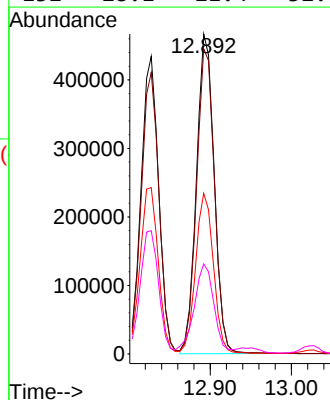
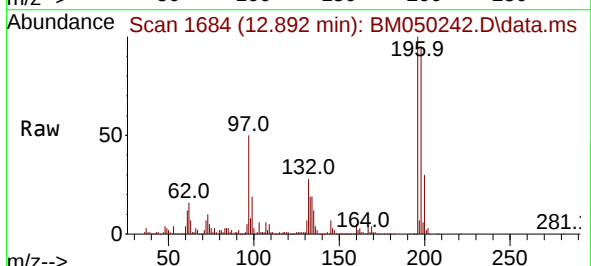
Ion Ratio Lower Upper

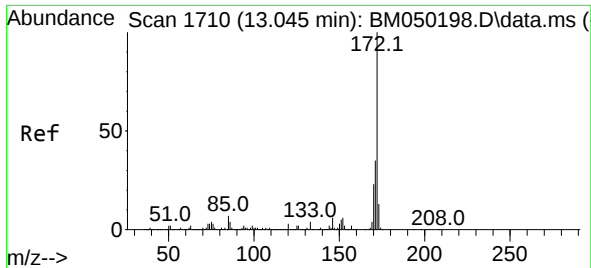
196 100

198 95.3 76.1 114.1

97 50.2 39.3 58.9

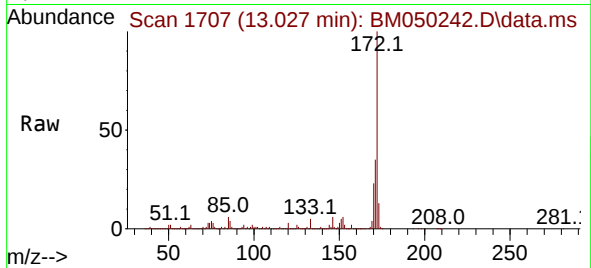
132 28.1 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 85.850 ng
RT: 13.027 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

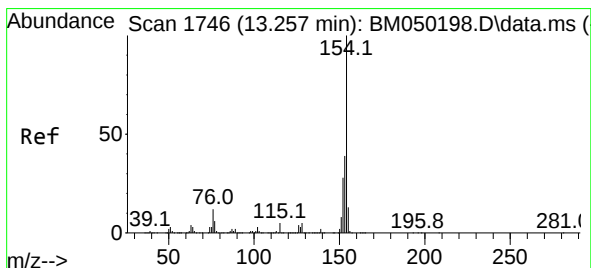
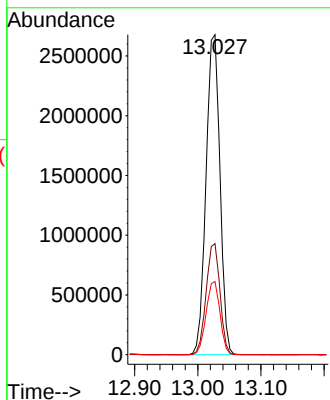
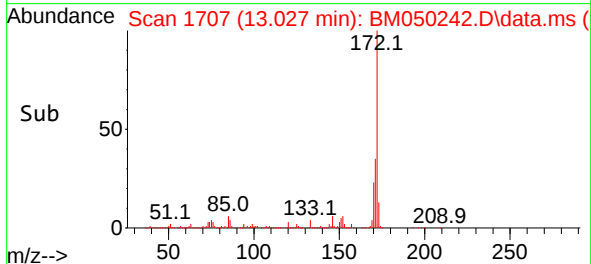
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



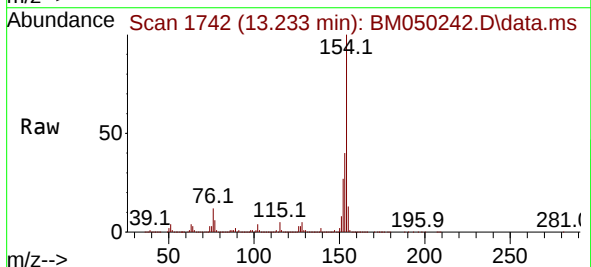
Tgt Ion:172 Resp: 4087460
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.8 18.6 27.8

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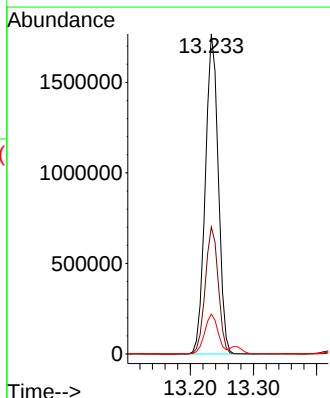
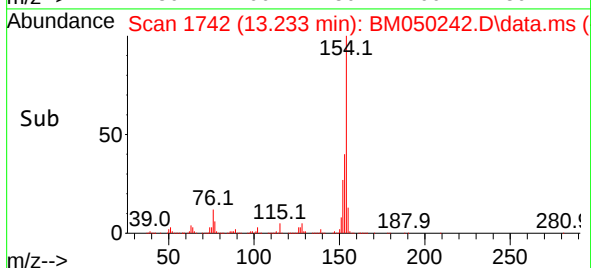
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

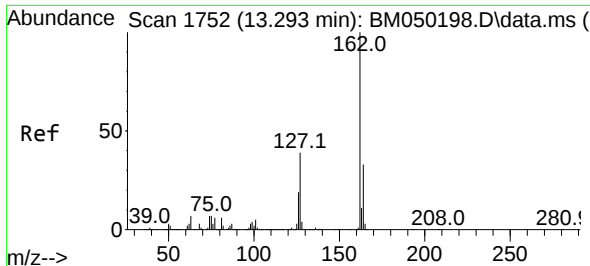


#46
1,1'-Biphenyl
Concen: 52.155 ng
RT: 13.233 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



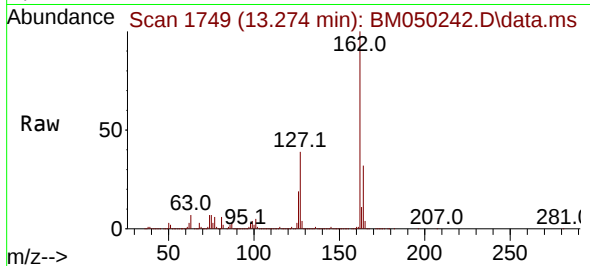
Tgt Ion:154 Resp: 2517319
Ion Ratio Lower Upper
154 100
153 39.7 19.2 59.2
76 12.4 0.0 32.0





#47
2-Chloronaphthalene
Concen: 50.688 ng
RT: 13.274 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

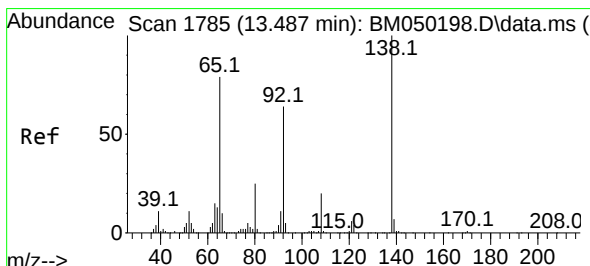
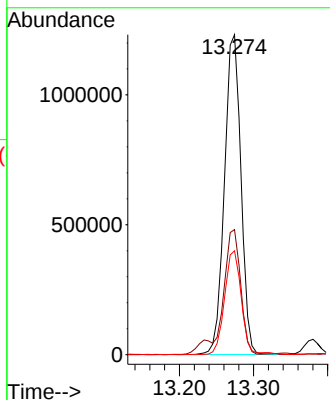
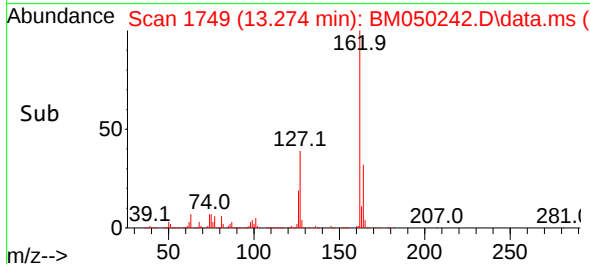
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



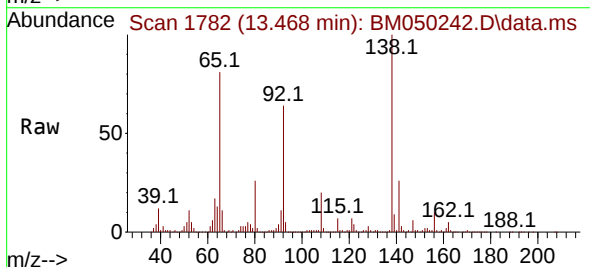
Tgt Ion:162 Resp: 1902019
Ion Ratio Lower Upper
162 100
127 39.1 31.1 46.7
164 32.5 26.5 39.7

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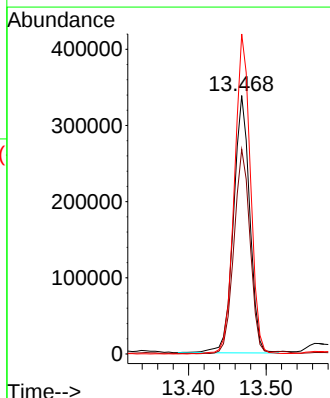
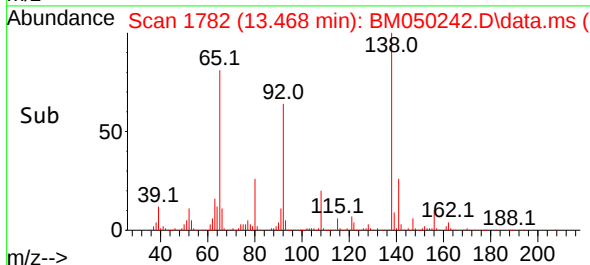
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

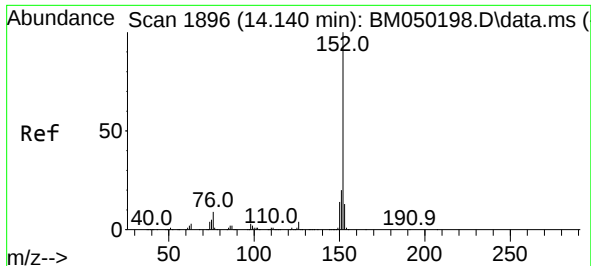


#48
2-Nitroaniline
Concen: 59.783 ng
RT: 13.468 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



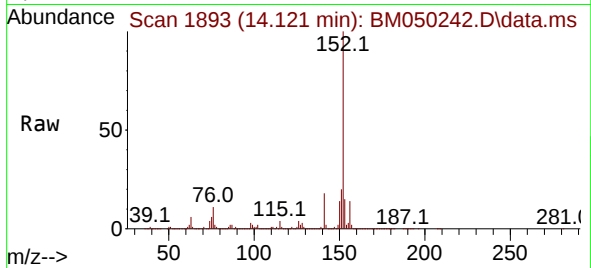
Tgt Ion: 65 Resp: 493666
Ion Ratio Lower Upper
65 100
92 79.1 64.2 96.4
138 123.8 101.0 151.4





#49
Acenaphthylene
Concen: 51.493 ng
RT: 14.121 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

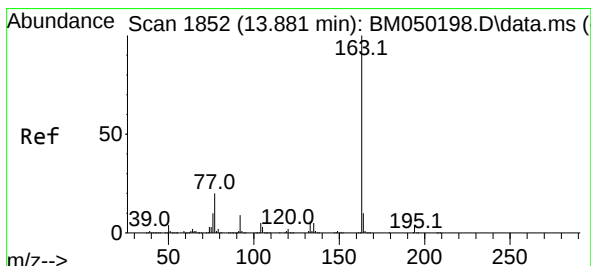
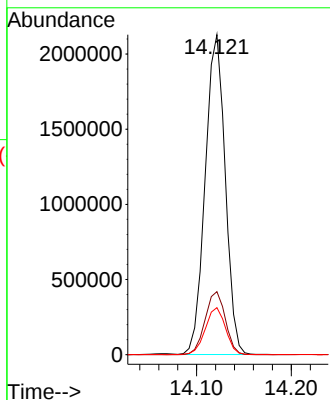
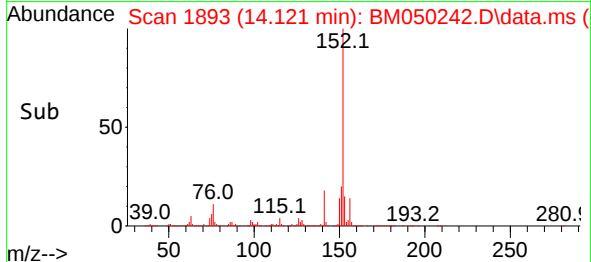
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



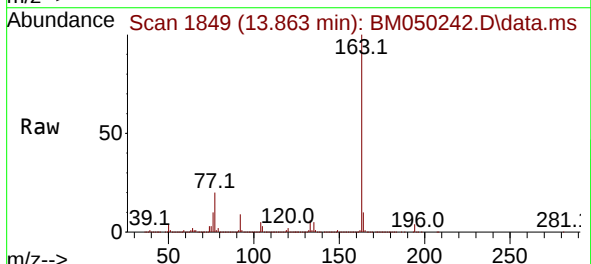
Tgt Ion:152 Resp: 312526
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 14.7 10.4 15.6

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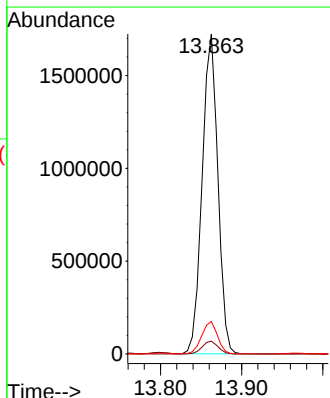
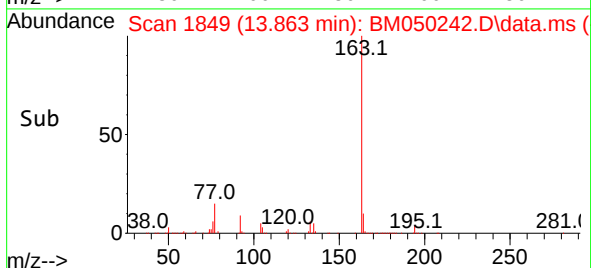
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

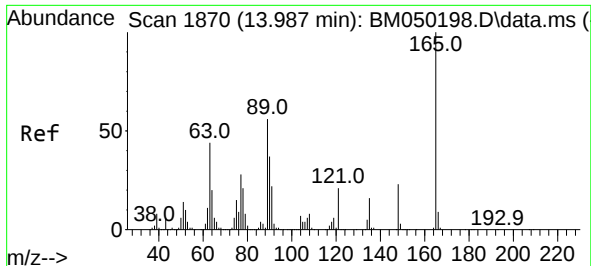


#50
Dimethylphthalate
Concen: 52.973 ng
RT: 13.863 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



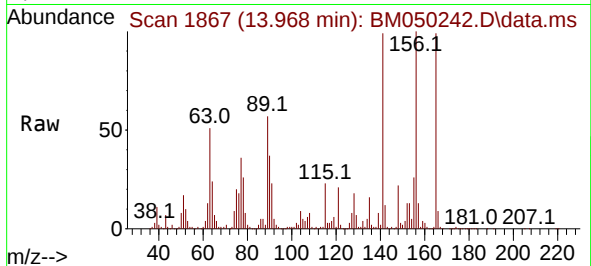
Tgt Ion:163 Resp: 2309291
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 54.083 ng
RT: 13.968 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

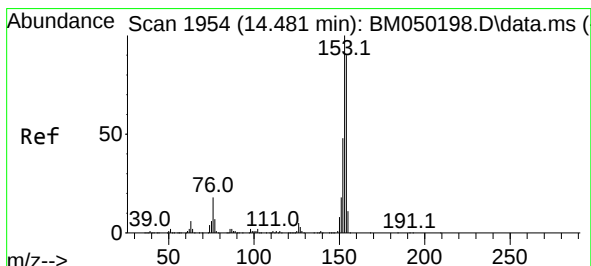
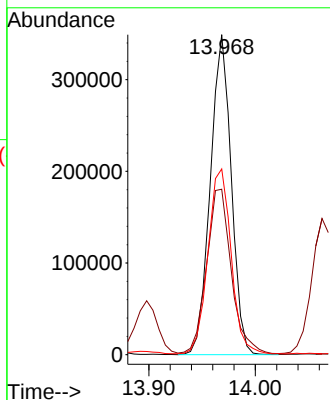
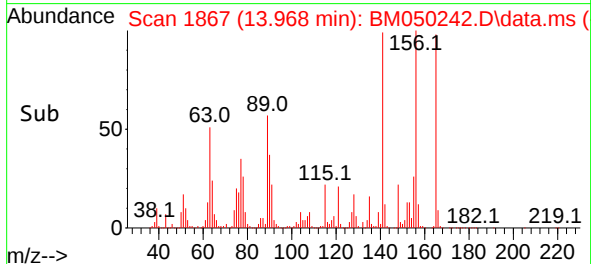
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



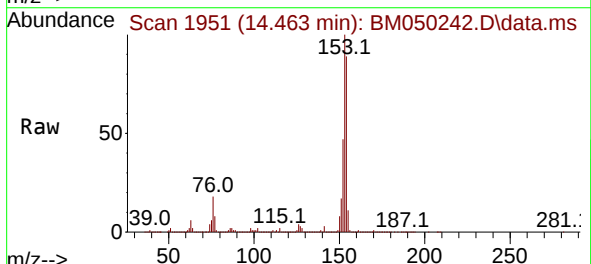
Tgt Ion:165 Resp: 47546
Ion Ratio Lower Upper
165 100
63 51.7 35.8 53.6
89 58.1 44.8 67.2

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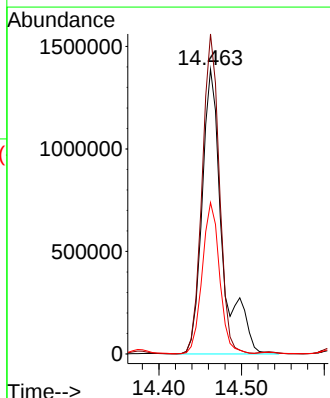
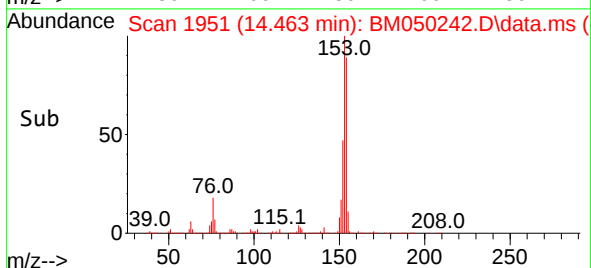
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

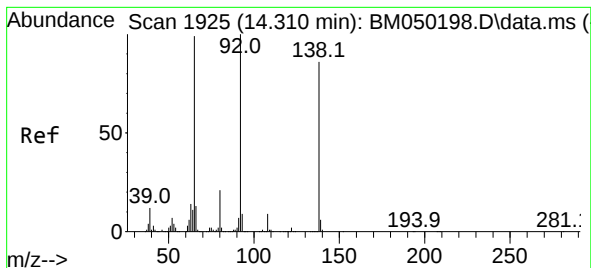


#52
Acenaphthene
Concen: 62.083 ng m
RT: 14.463 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



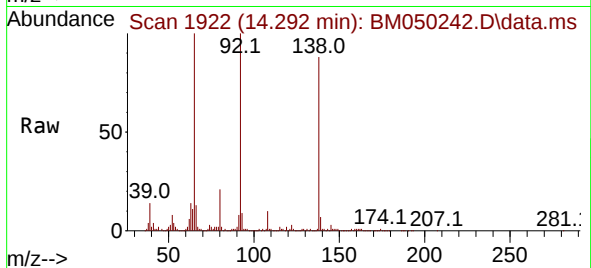
Tgt Ion:154 Resp: 2356807
Ion Ratio Lower Upper
154 100
153 112.4 88.7 133.1
152 53.2 42.6 63.8





#53
3-Nitroaniline
Concen: 27.809 ng
RT: 14.292 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

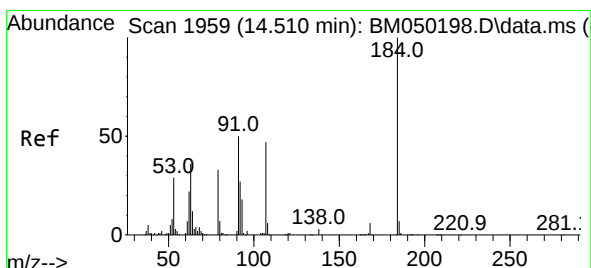
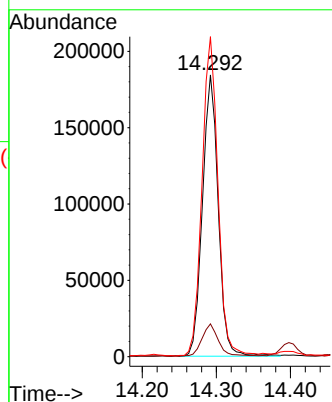
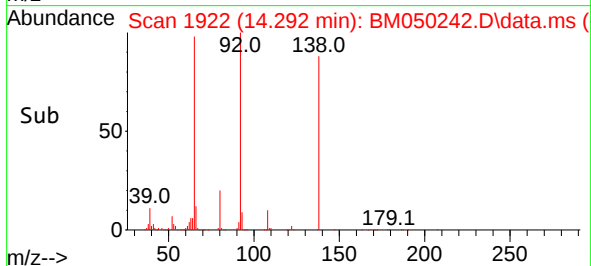
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



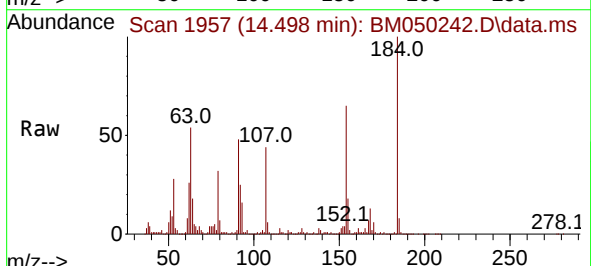
Tgt Ion:138 Resp: 27247
Ion Ratio Lower Upper
138 100
108 11.7 8.8 13.2
92 113.6 92.9 139.3

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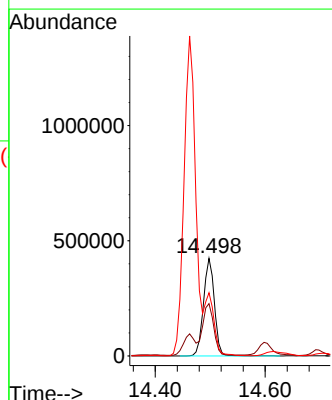
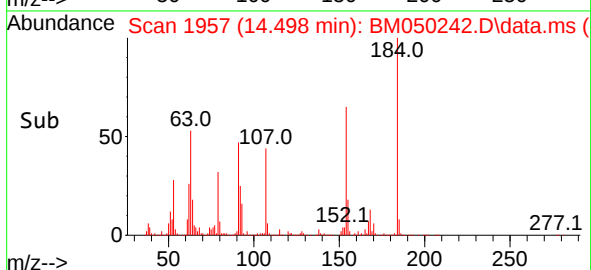
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

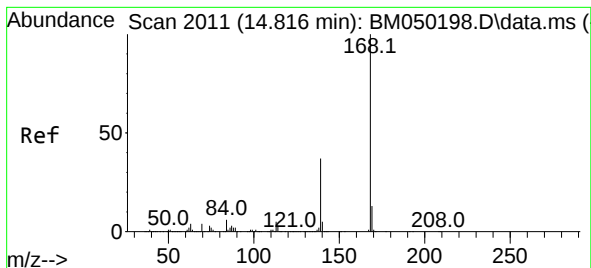


#54
2,4-Dinitrophenol
Concen: 123.046 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



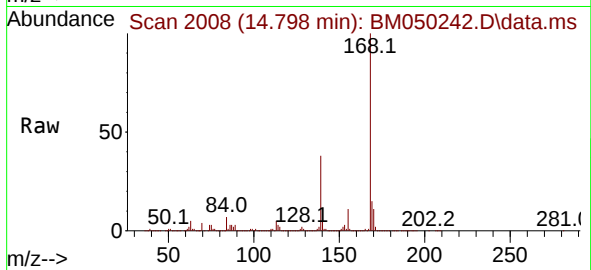
Tgt Ion:184 Resp: 581083
Ion Ratio Lower Upper
184 100
63 53.7 45.3 67.9
154 64.7 54.3 81.5





#55
Dibenzenofuran
Concen: 55.953 ng
RT: 14.798 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

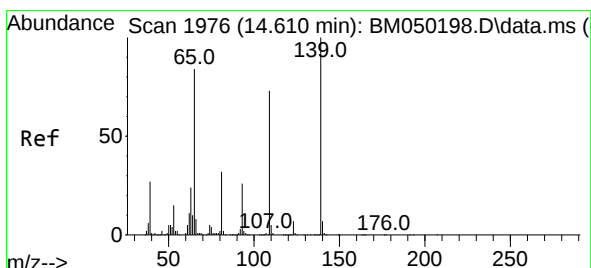
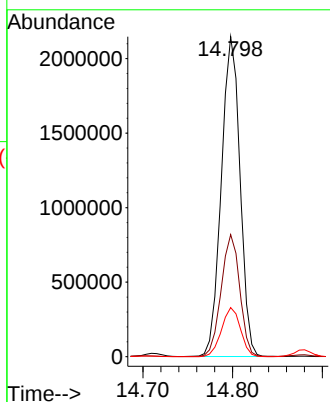
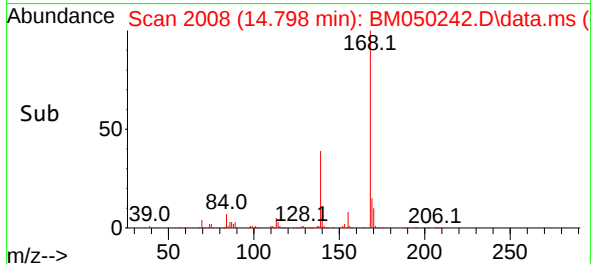
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:168 Resp: 310754
Ion Ratio Lower Upper
168 100
139 38.2 29.9 44.9
169 15.4 10.6 16.0

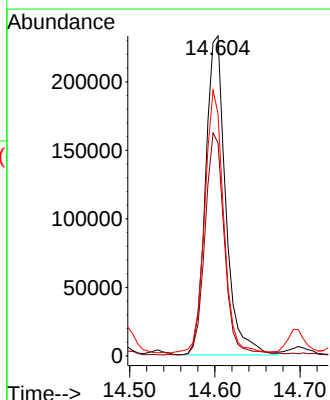
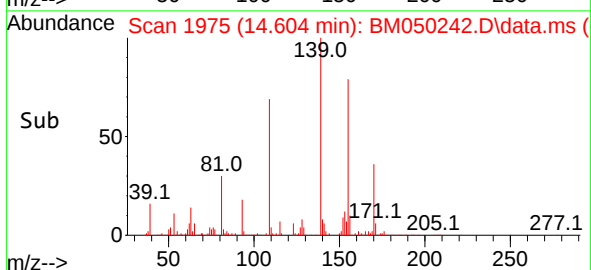
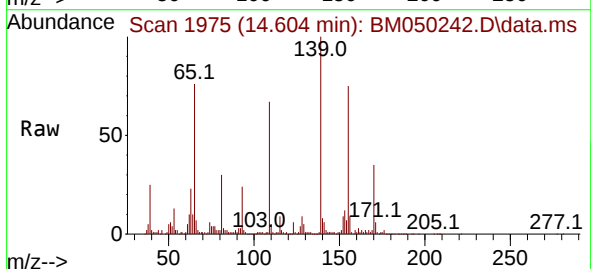
Manual Integrations
APPROVED

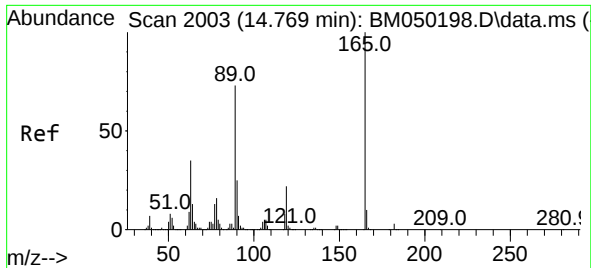
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#56
4-Nitrophenol
Concen: 45.968 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

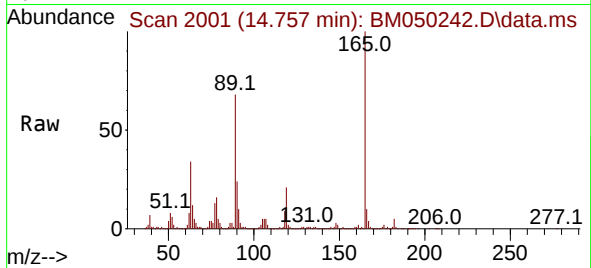
Tgt Ion:139 Resp: 383346
Ion Ratio Lower Upper
139 100
109 66.5 52.6 92.6
65 75.7 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 59.696 ng
RT: 14.757 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

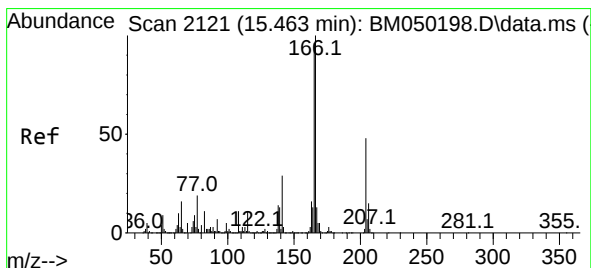
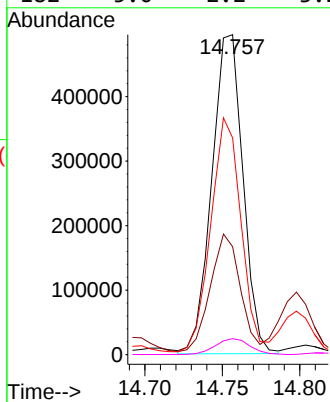
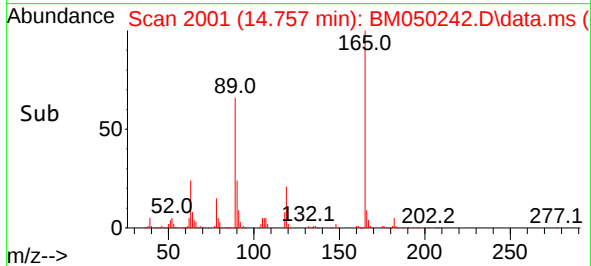
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:165 Resp: 692300
Ion Ratio Lower Upper
165 100
63 33.8 28.4 42.6
89 67.8 58.0 87.0
182 5.0 2.2 3.2#

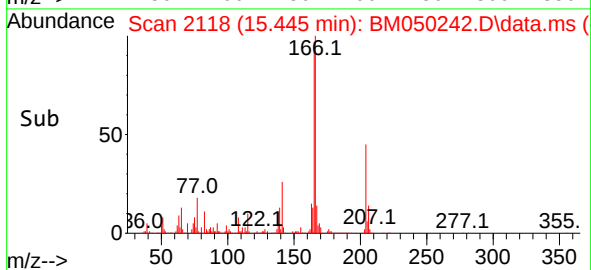
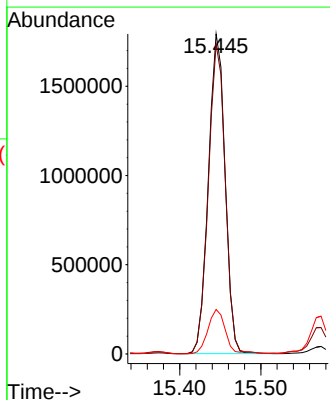
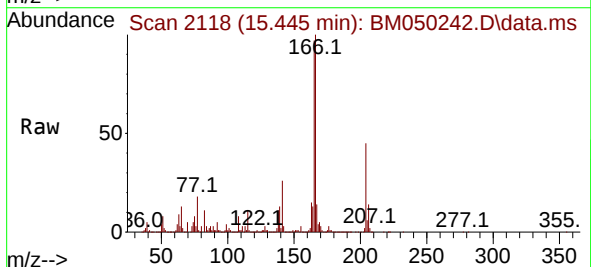
Manual Integrations
APPROVED

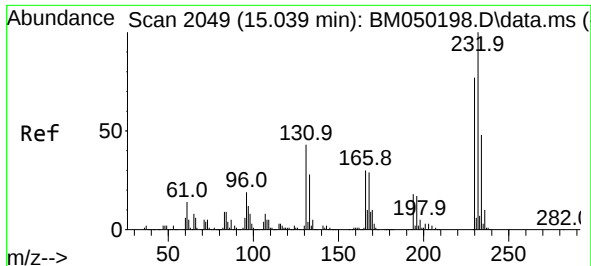
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#58
Fluorene
Concen: 60.106 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

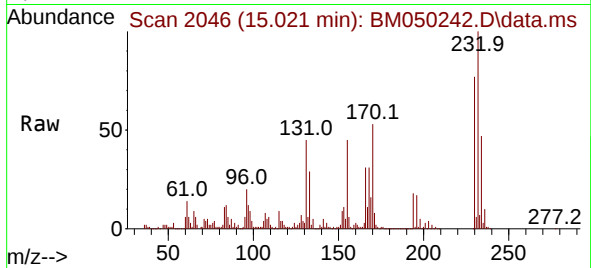
Tgt Ion:166 Resp: 2556767
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.4
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.535 ng
RT: 15.021 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

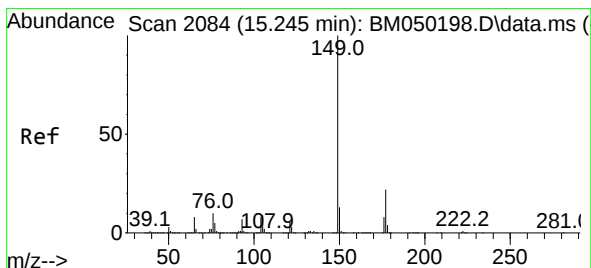
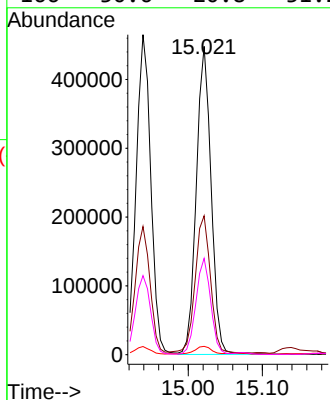
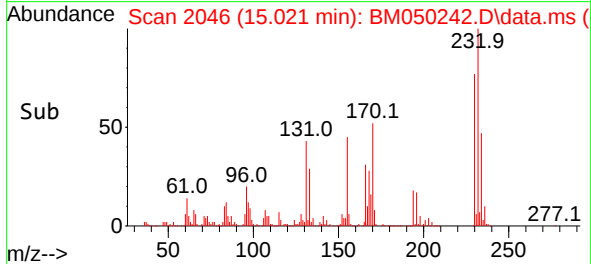
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:232 Resp: 622481
Ion Ratio Lower Upper
232 100
131 46.6 32.9 49.3
130 2.7 1.8 2.8
166 30.6 20.8 31.2

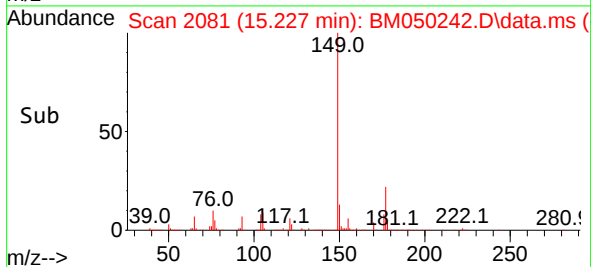
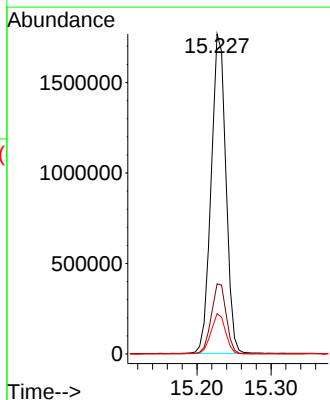
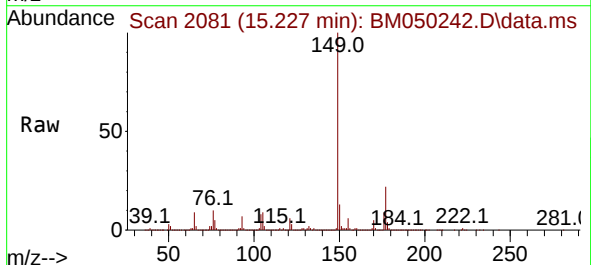
Manual Integrations
APPROVED

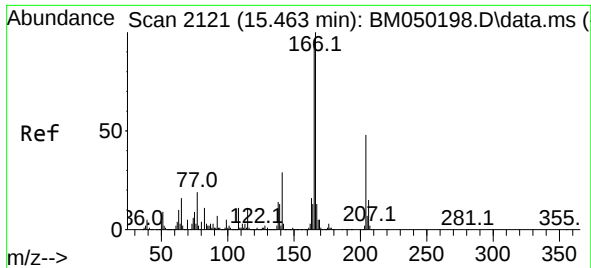
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#60
Diethylphthalate
Concen: 56.368 ng
RT: 15.227 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

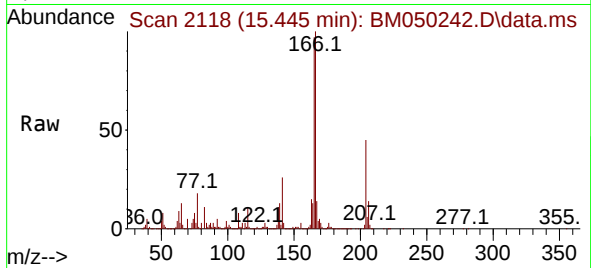
Tgt Ion:149 Resp: 2438141
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 52.566 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

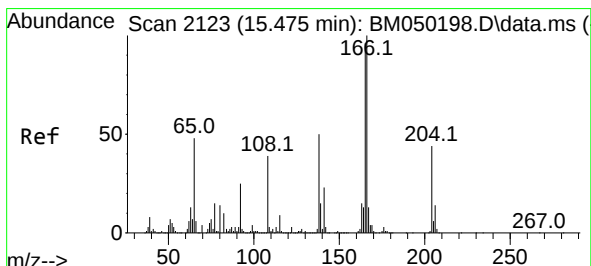
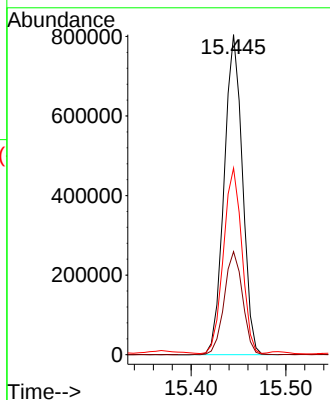
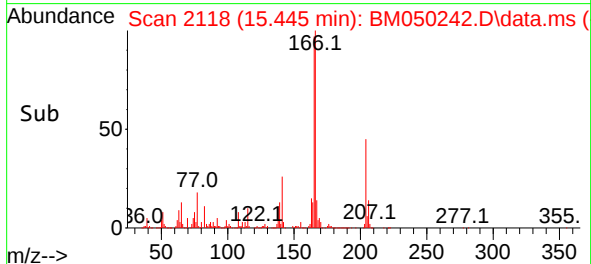
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



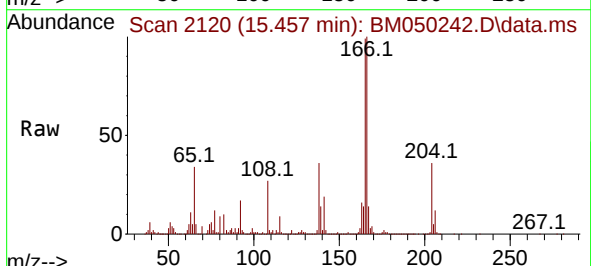
Tgt Ion:204 Resp: 1080680
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 58.3 47.9 71.9

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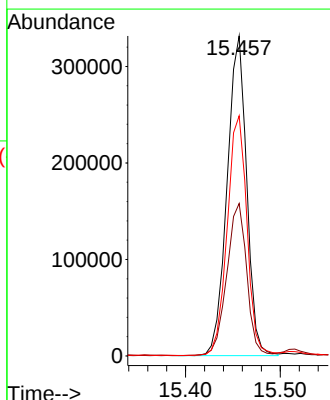
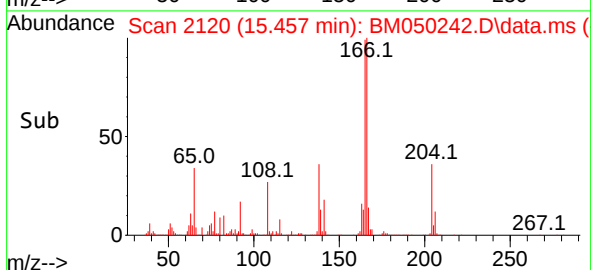
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

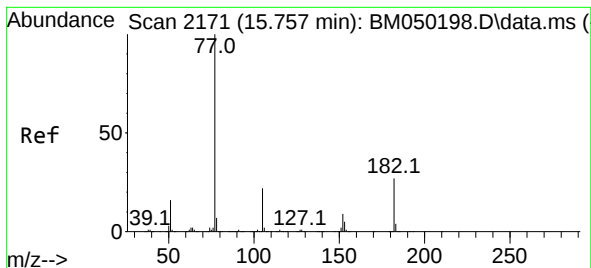


#62
4-Nitroaniline
Concen: 51.830 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



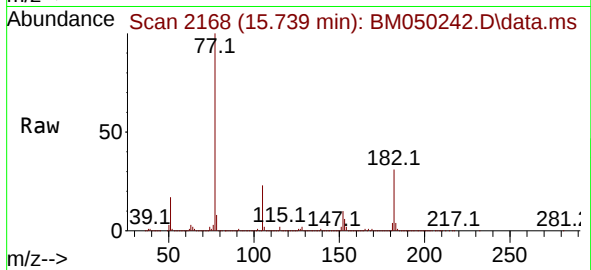
Tgt Ion:138 Resp: 475975
Ion Ratio Lower Upper
138 100
92 47.6 28.8 68.8
108 75.0 58.1 98.1





#63
Azobenzene
Concen: 51.604 ng
RT: 15.739 min Scan# 2171
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

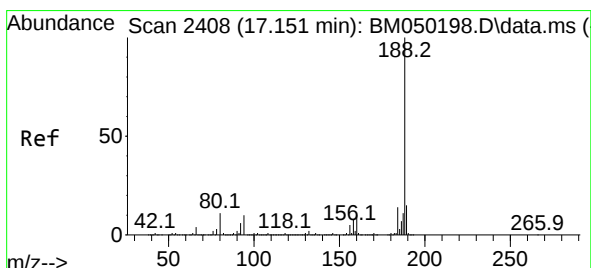
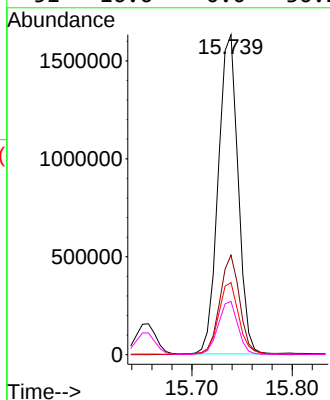
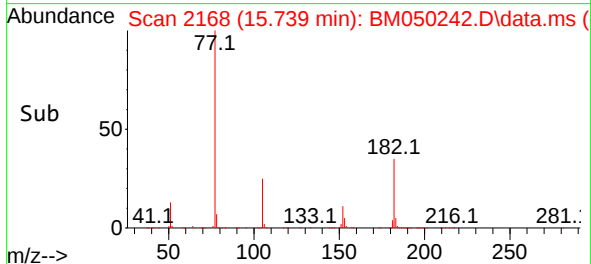
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



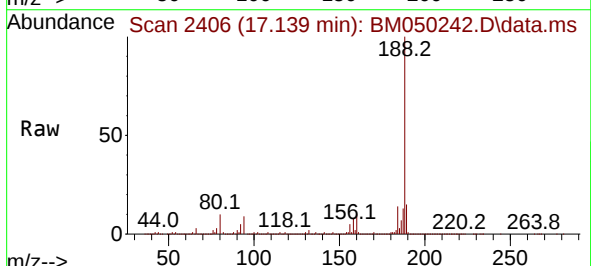
Tgt Ion: 77 Resp: 2230978
Ion Ratio Lower Upper
77 100
182 31.1 6.8 46.8
105 22.5 1.7 41.7
51 16.6 0.0 36.2

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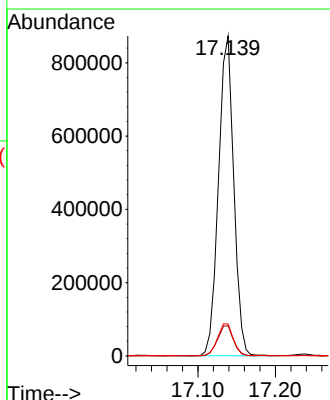
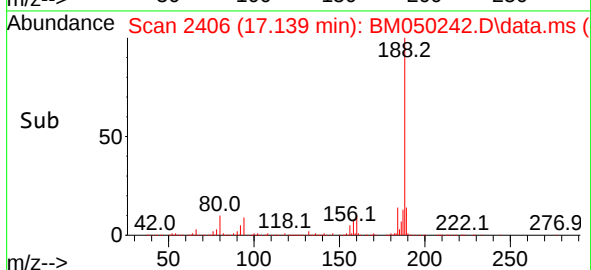
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

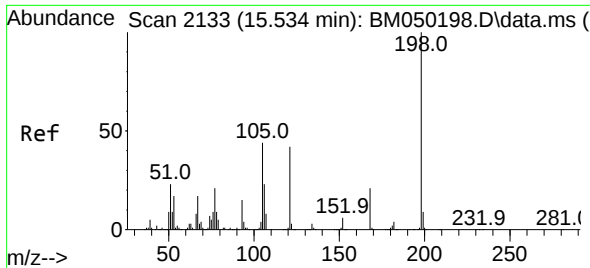


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



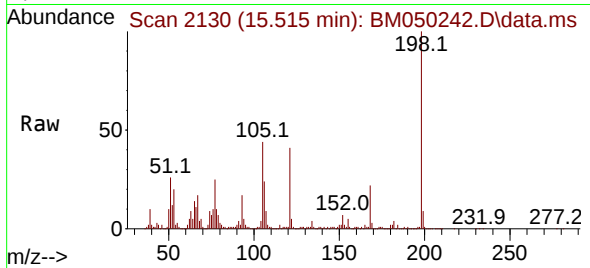
Tgt Ion:188 Resp: 1197069
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 10.0 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 57.652 ng
RT: 15.515 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

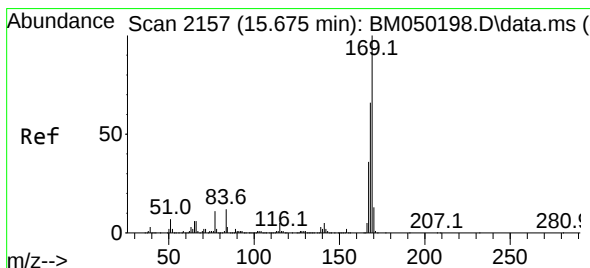
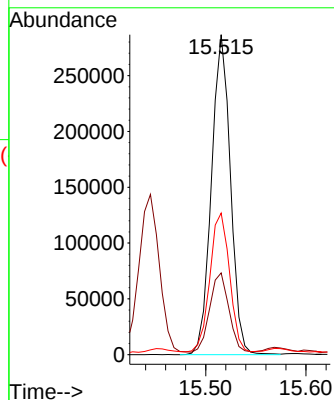
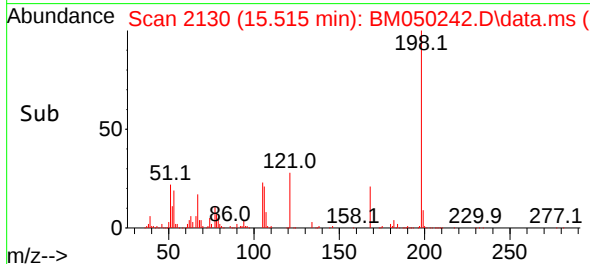
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



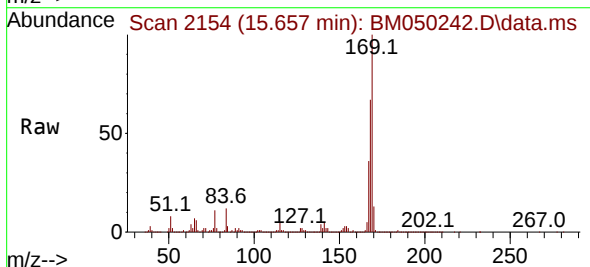
Tgt Ion:198 Resp: 376940
Ion Ratio Lower Upper
198 100
51 25.6 4.5 44.5
105 44.3 24.9 64.9

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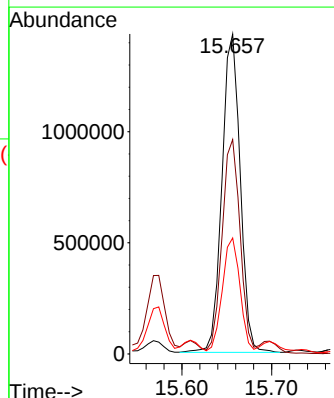
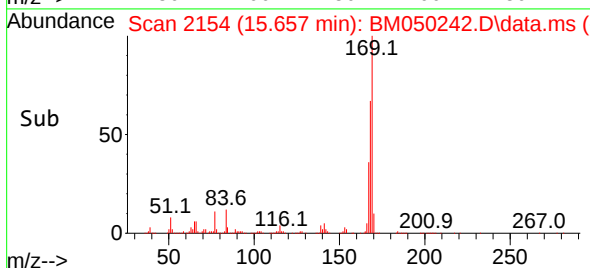
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

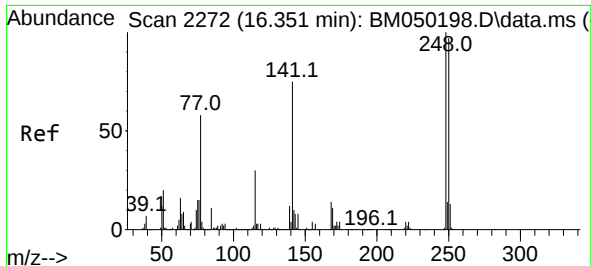


#66
n-Nitrosodiphenylamine
Concen: 53.798 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



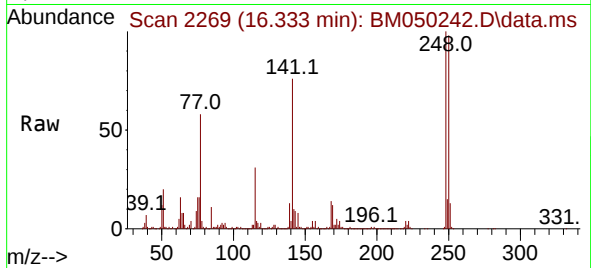
Tgt Ion:169 Resp: 2023507
Ion Ratio Lower Upper
169 100
168 67.0 53.1 79.7
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 54.679 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

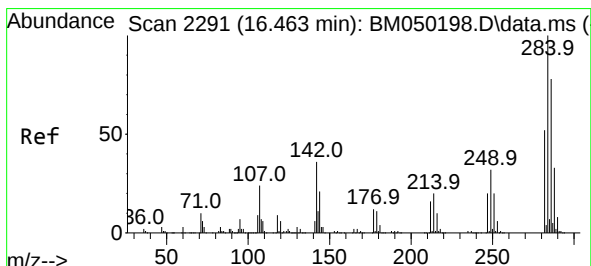
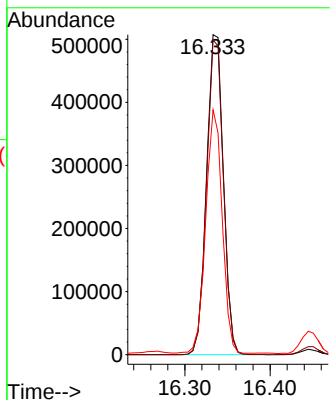
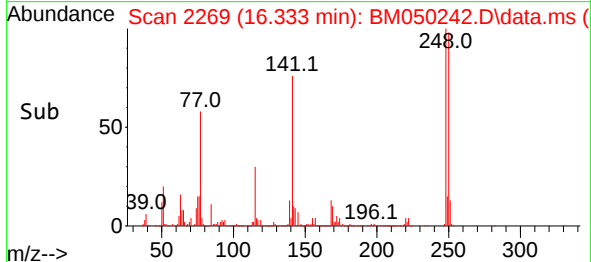
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



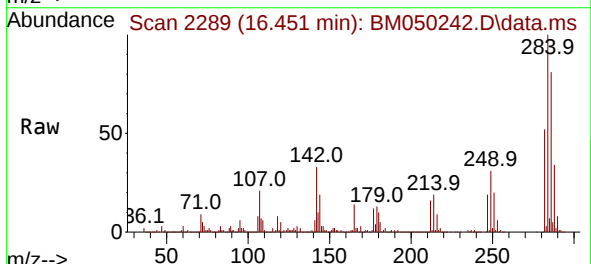
Tgt Ion:248 Resp: 697999
Ion Ratio Lower Upper
248 100
250 98.3 78.0 117.0
141 76.5 60.1 90.1

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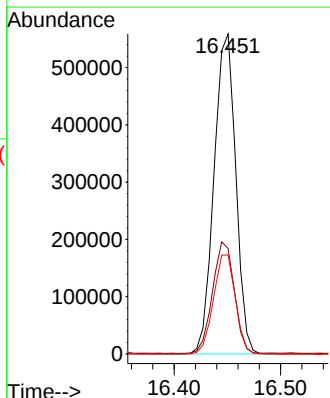
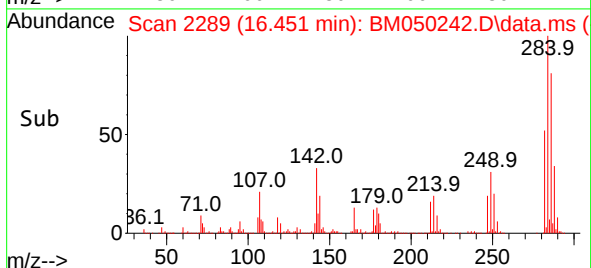
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

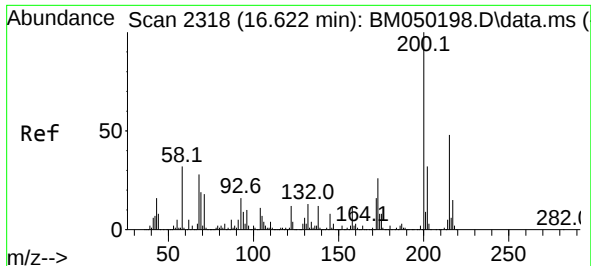


#68
Hexachlorobenzene
Concen: 52.951 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



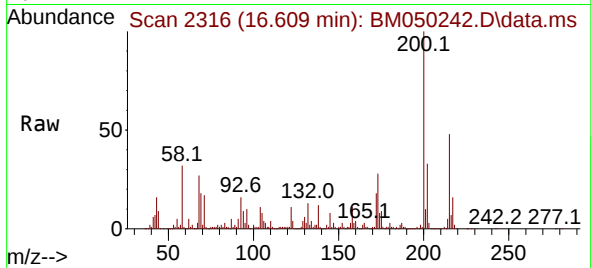
Tgt Ion:284 Resp: 789740
Ion Ratio Lower Upper
284 100
142 33.0 28.8 43.2
249 31.0 25.8 38.6





#69
 Atrazine
 Concen: 58.585 ng
 RT: 16.609 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM050242.D
 Acq: 09 Jun 2025 14:47

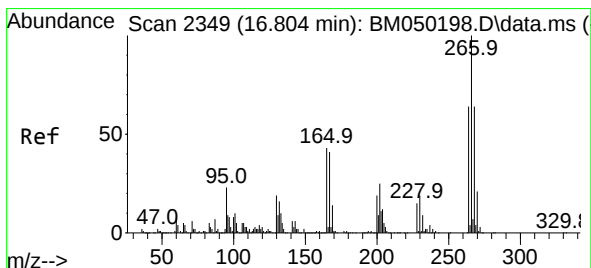
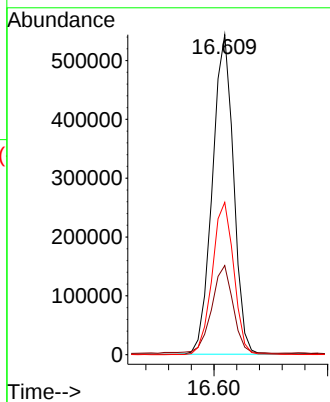
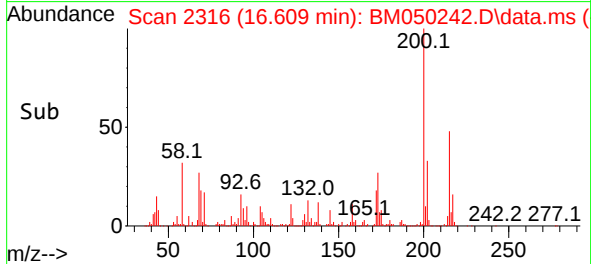
Instrument :
 BNA_M
 ClientSampleId :
 GSB3MSD



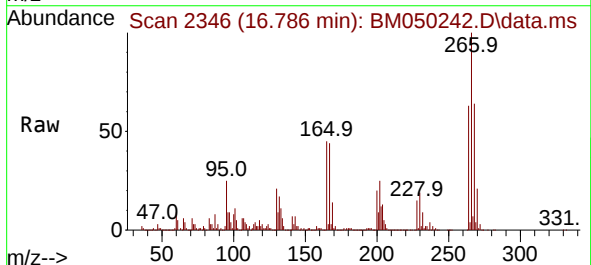
Tgt Ion:200 Resp: 70210
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.0 46.0
 215 47.6 28.1 68.1

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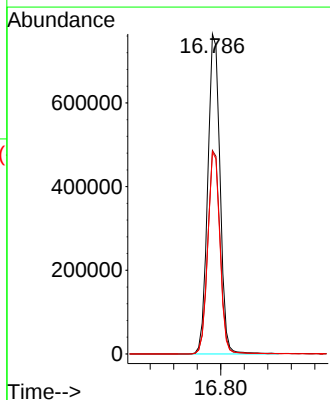
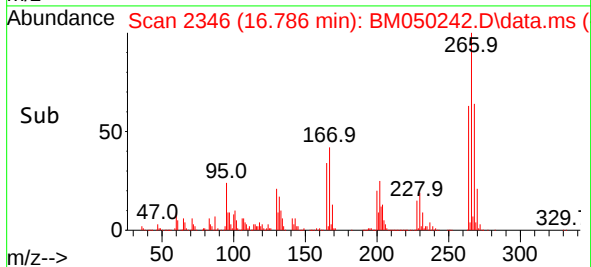
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025

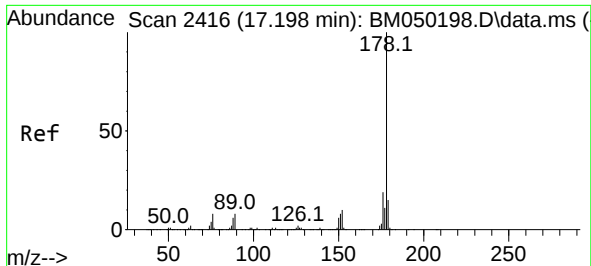


#70
 Pentachlorophenol
 Concen: 114.156 ng
 RT: 16.786 min Scan# 2346
 Delta R.T. -0.000 min
 Lab File: BM050242.D
 Acq: 09 Jun 2025 14:47



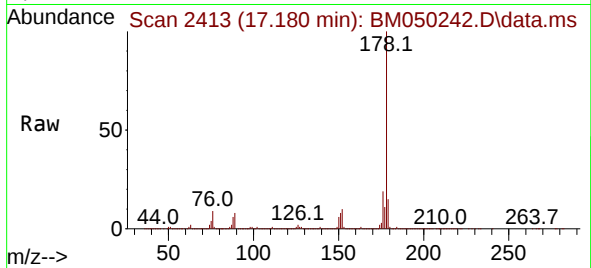
Tgt Ion:266 Resp: 1106939
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 63.2 50.8 76.2





#71
Phenanthrene
Concen: 59.944 ng
RT: 17.180 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

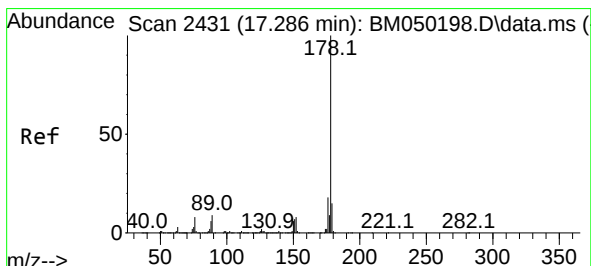
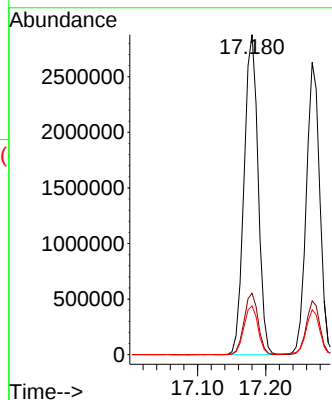
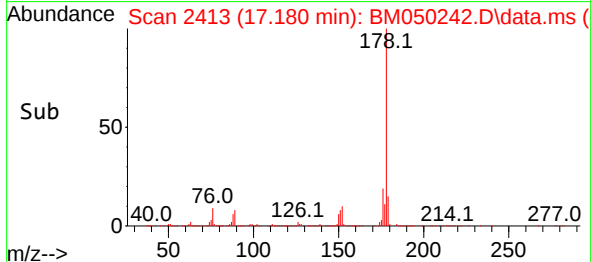
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:178 Resp: 4099259
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.2 12.3 18.5

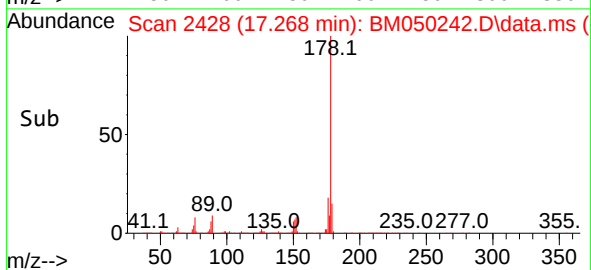
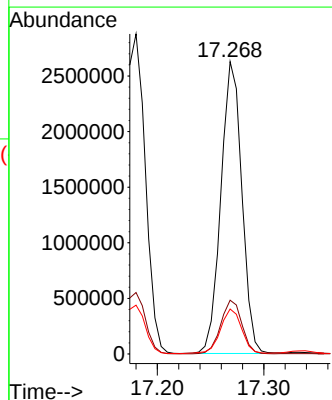
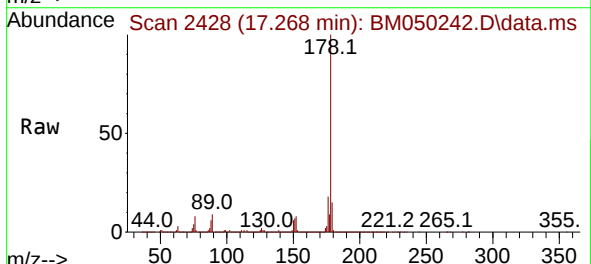
Manual Integrations
APPROVED

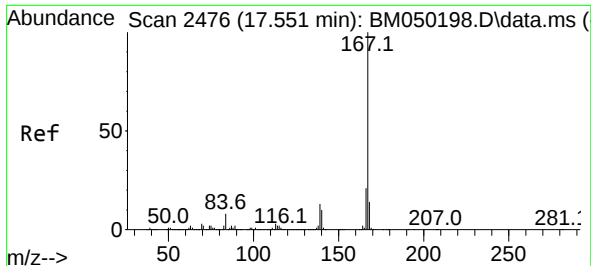
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#72
Anthracene
Concen: 52.373 ng
RT: 17.268 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

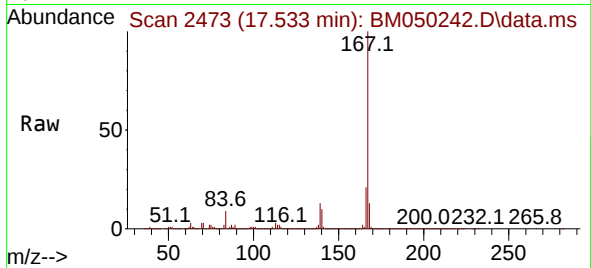
Tgt Ion:178 Resp: 3582894
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 54.052 ng
 RT: 17.533 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM050242.D
 Acq: 09 Jun 2025 14:47

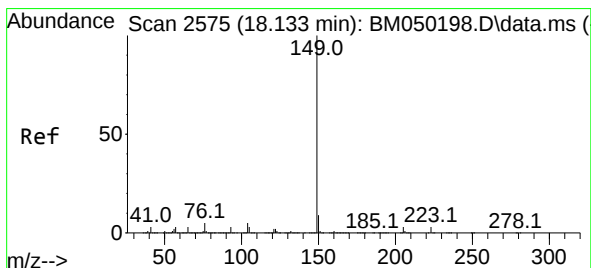
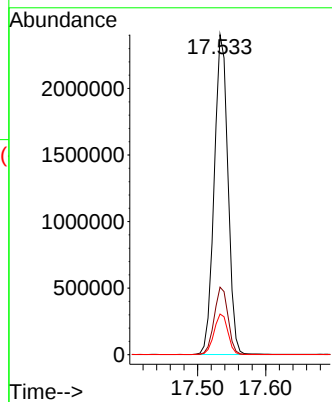
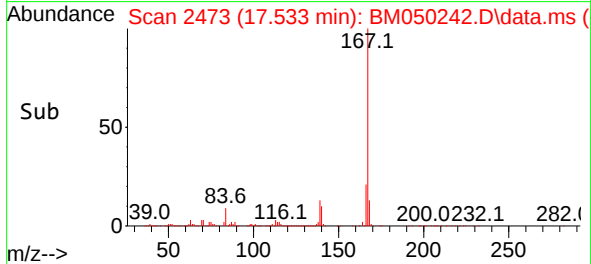
Instrument :
 BNA_M
 ClientSampleId :
 GSB3MSD



Tgt Ion:167 Resp: 3368785
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.7 10.2 15.4

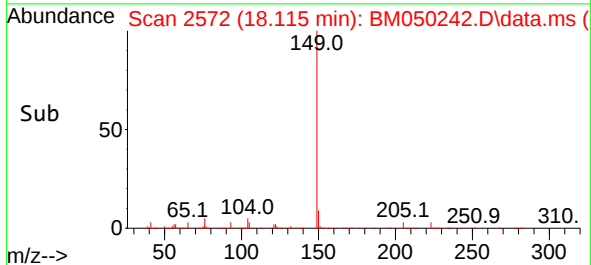
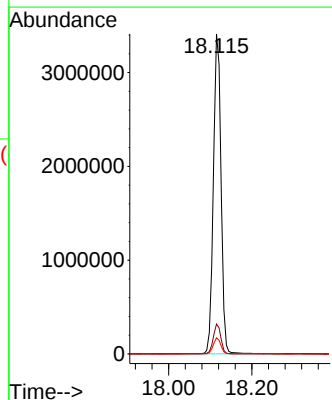
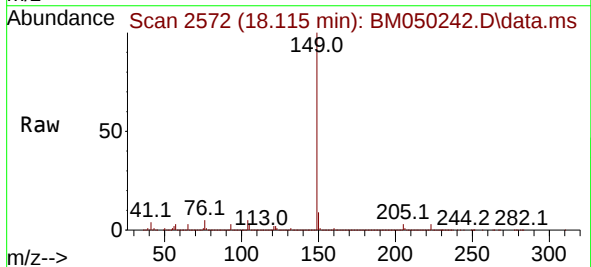
Manual Integrations
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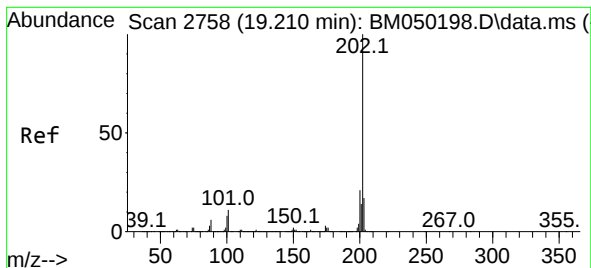
Reviewed By :Rahul Chavli 06/10/2025
 Supervised By :Jagrut Upadhyay 06/10/2025



#74
 Di-n-butylphthalate
 Concen: 64.044 ng
 RT: 18.115 min Scan# 2572
 Delta R.T. -0.000 min
 Lab File: BM050242.D
 Acq: 09 Jun 2025 14:47

Tgt Ion:149 Resp: 4343044
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 55.220 ng

RT: 19.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:202 Resp: 398227

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.1

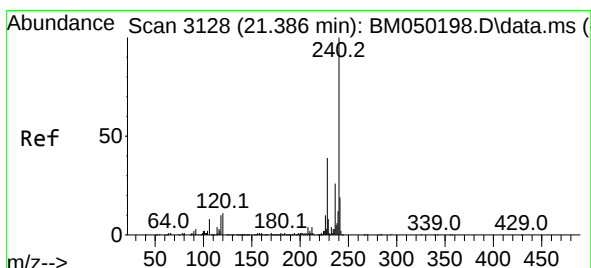
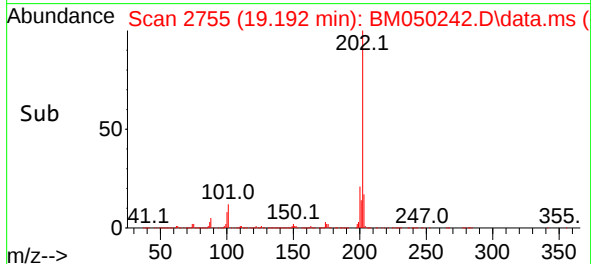
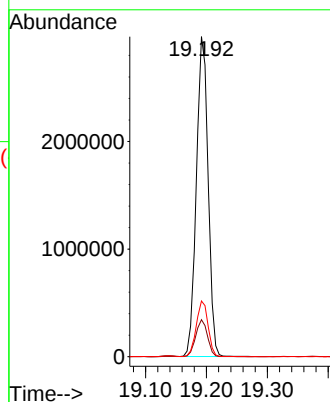
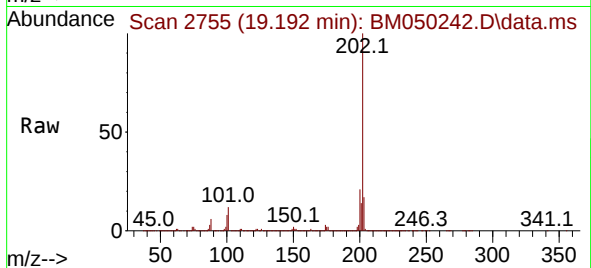
203 17.4 0.0 37.0

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.368 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

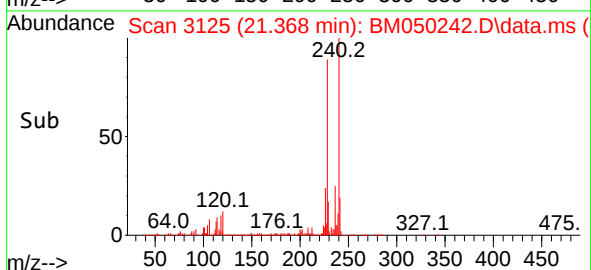
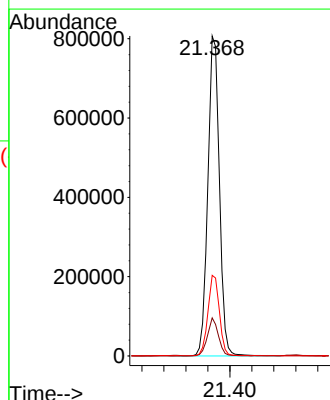
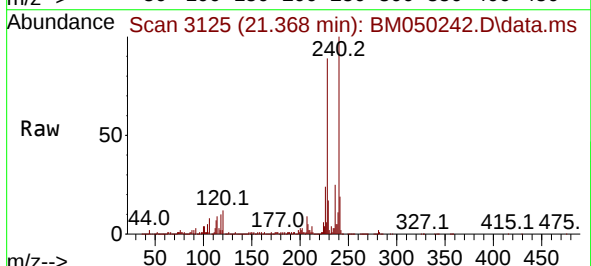
Tgt Ion:240 Resp: 1175824

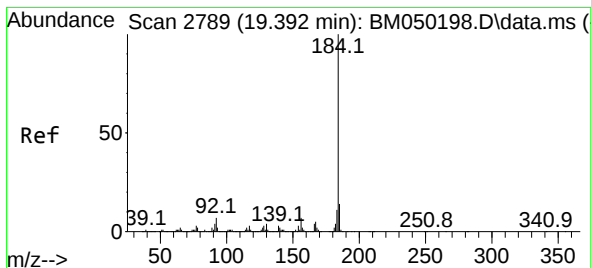
Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

236 25.2 20.7 31.1





#77

Benzidine

Concen: 20.133 ng

RT: 19.374 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:184 Resp: 66570

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

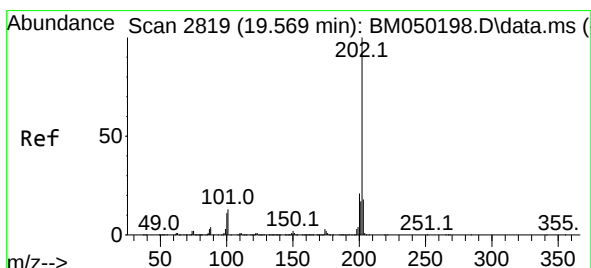
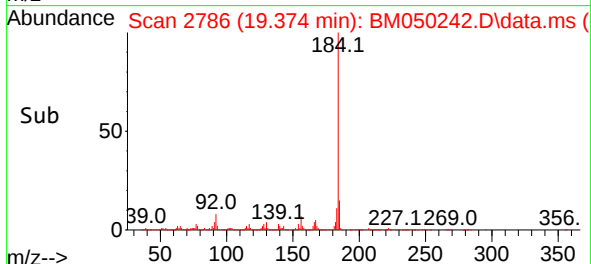
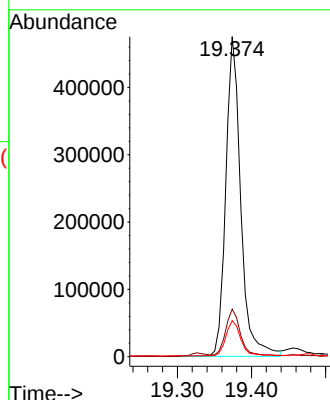
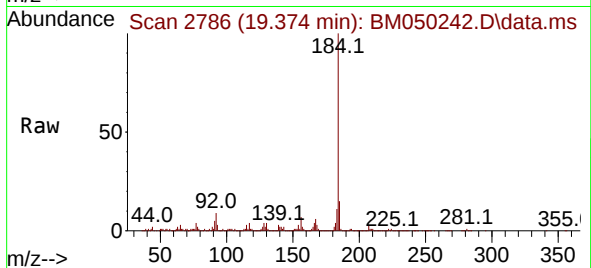
183 11.2 9.0 13.4

Manual Integrations

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Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#78

Pyrene

Concen: 53.183 ng

RT: 19.556 min Scan# 2817

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

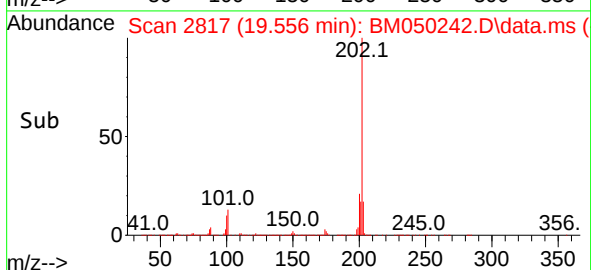
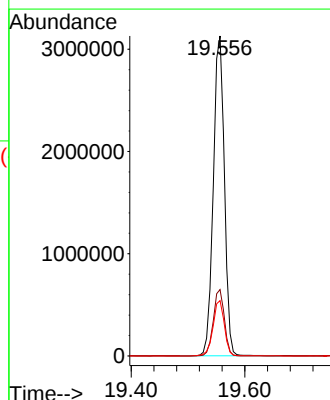
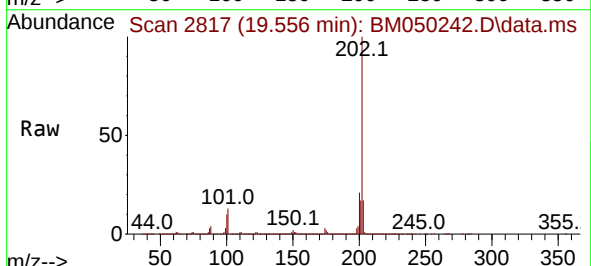
Tgt Ion:202 Resp: 4214773

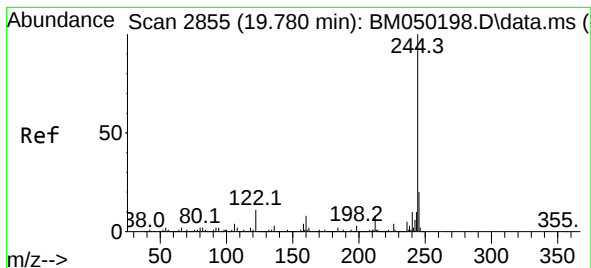
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 93.855 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050242.D

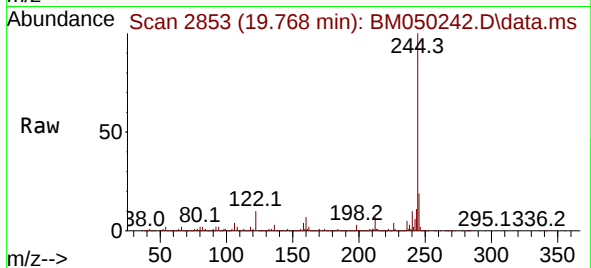
Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD



Tgt Ion:244 Resp: 582350

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

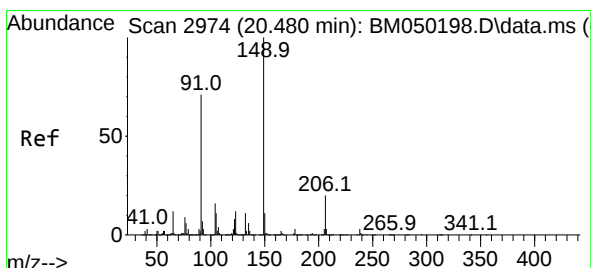
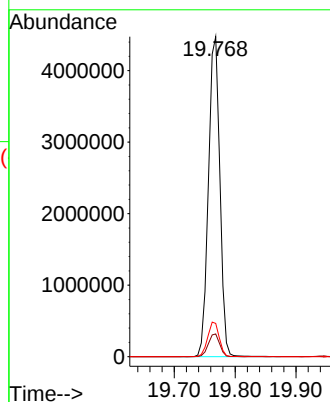
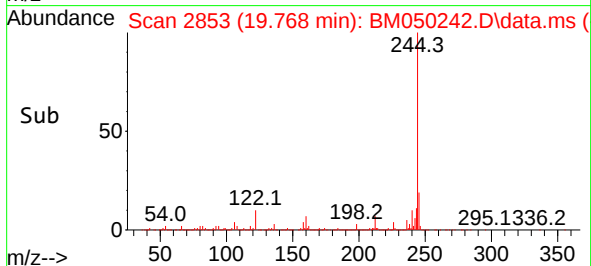
122 10.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#80

Butylbenzylphthalate

Concen: 68.437 ng

RT: 20.468 min Scan# 2972

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

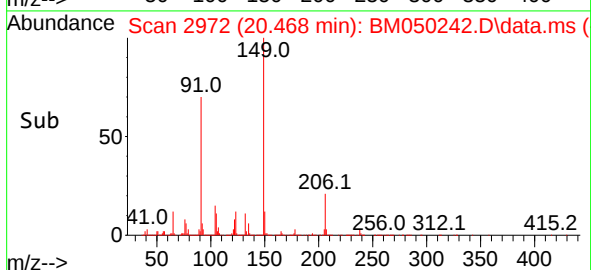
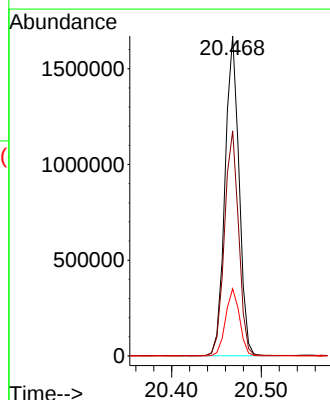
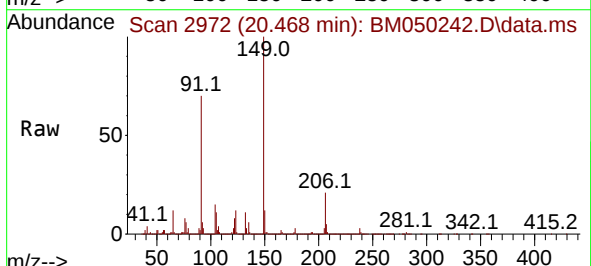
Tgt Ion:149 Resp: 1809144

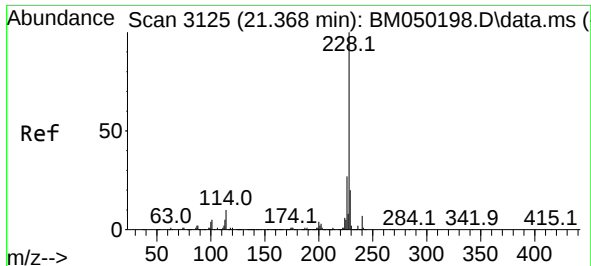
Ion Ratio Lower Upper

149 100

91 70.3 56.9 85.3

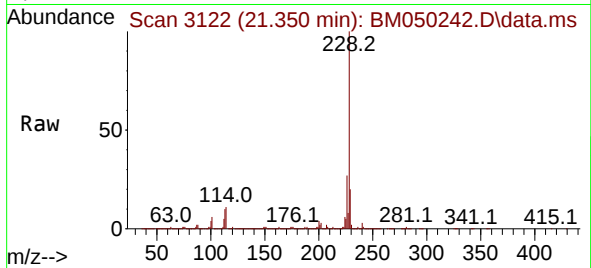
206 21.0 16.1 24.1





#81
Benzo(a)anthracene
Concen: 53.367 ng
RT: 21.350 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

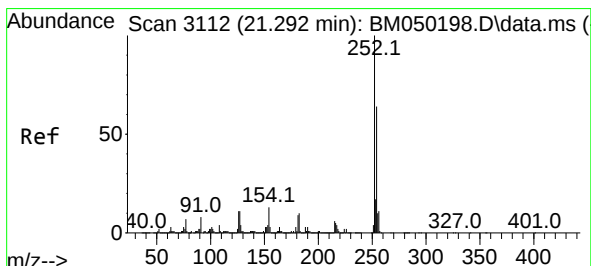
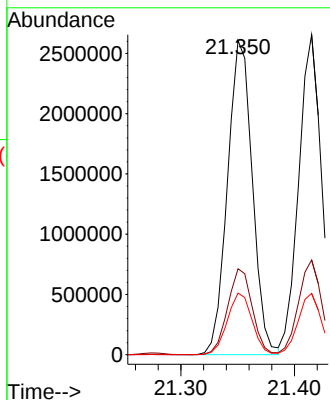
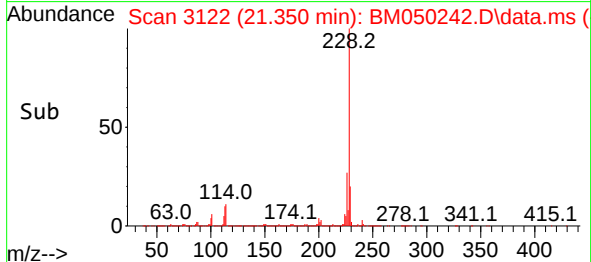
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:228 Resp: 397180
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.6 15.7 23.5

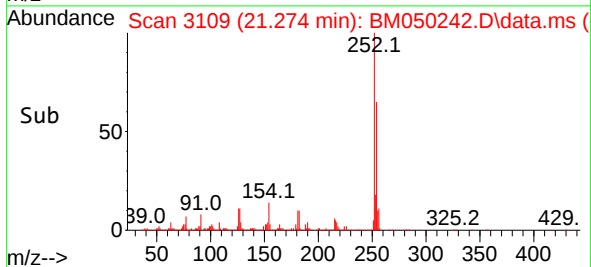
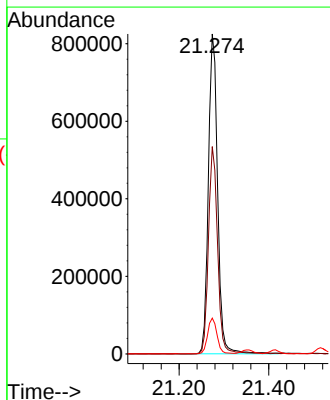
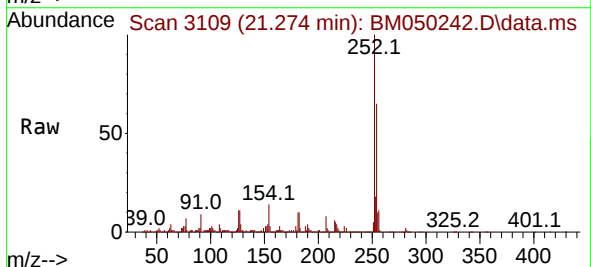
Manual Integrations
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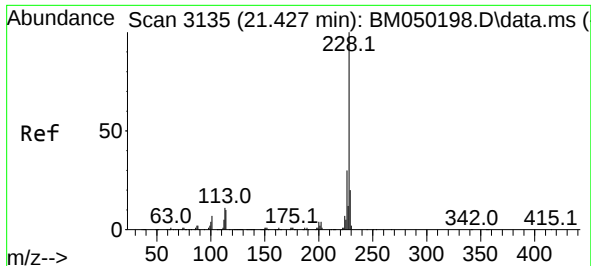
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#82
3,3'-Dichlorobenzidine
Concen: 51.963 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

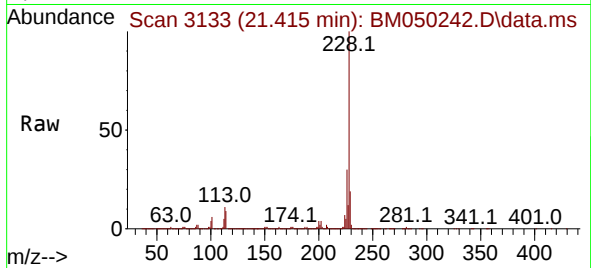
Tgt Ion:252 Resp: 1179338
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.0
126 11.2 8.6 12.8





#83
Chrysene
Concen: 52.364 ng
RT: 21.415 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

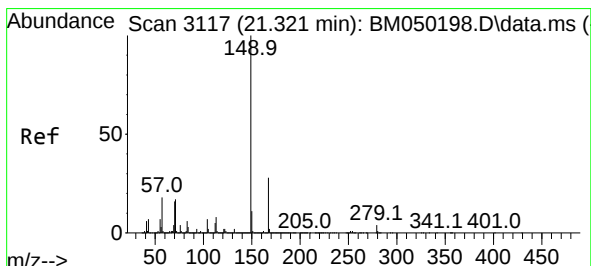
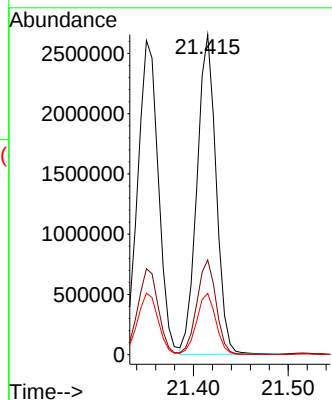
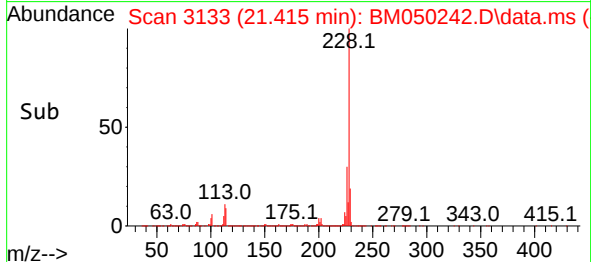
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



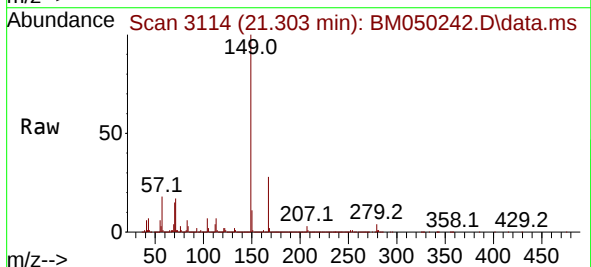
Tgt Ion:228 Resp: 370709
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 19.1 15.8 23.8

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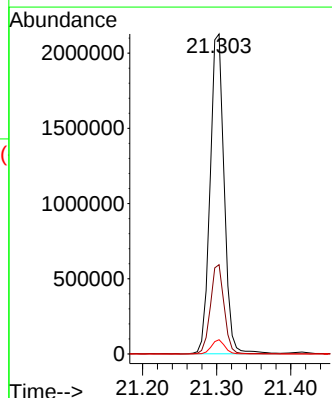
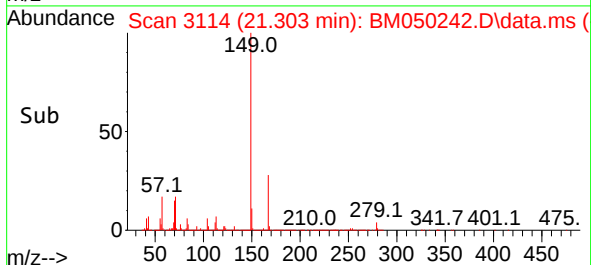
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

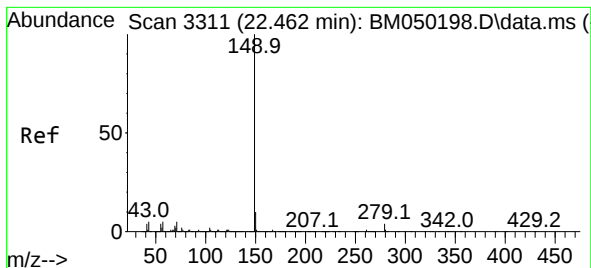


#84
Bis(2-ethylhexyl)phthalate
Concen: 68.560 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



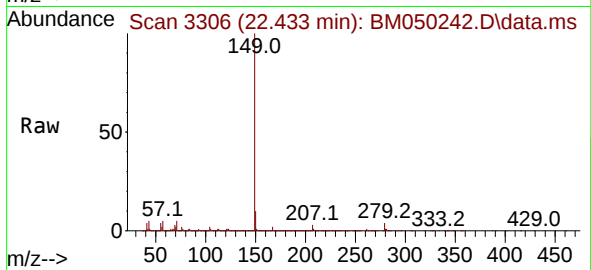
Tgt Ion:149 Resp: 2791744
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 75.379 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

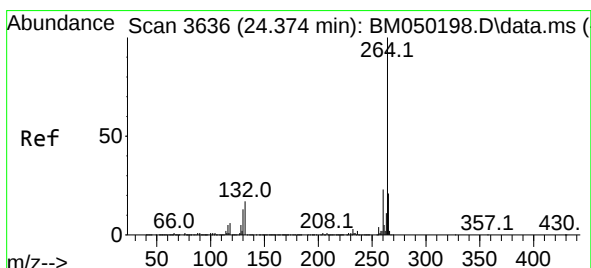
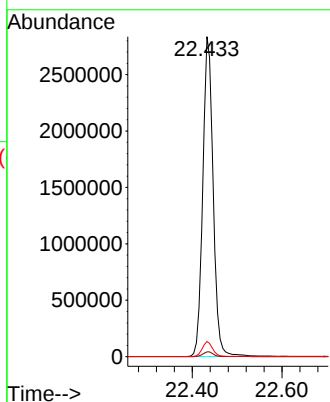
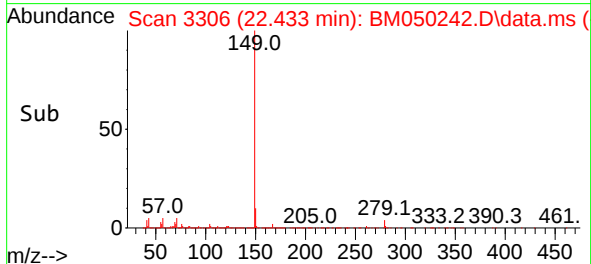
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



Tgt Ion:149 Resp: 4554629
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 4.7 3.8 5.8

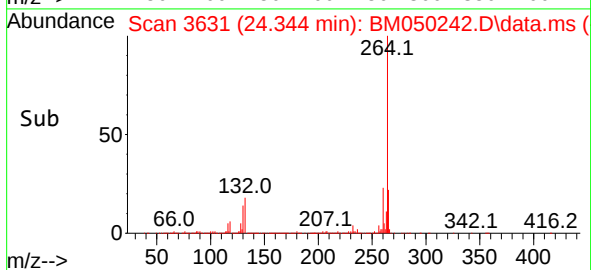
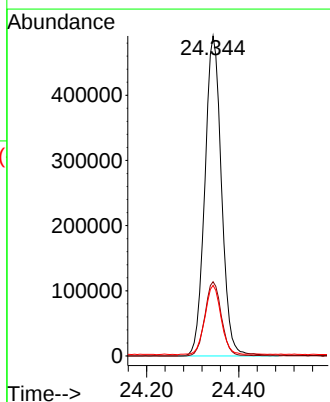
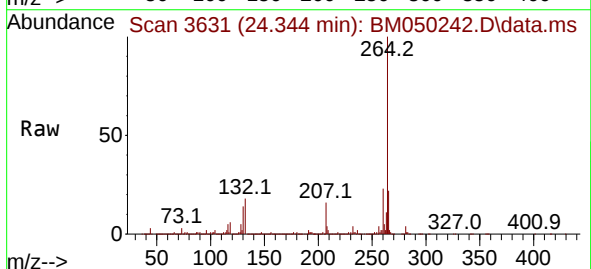
Manual Integrations
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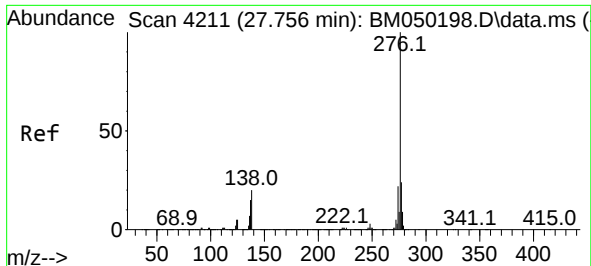
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

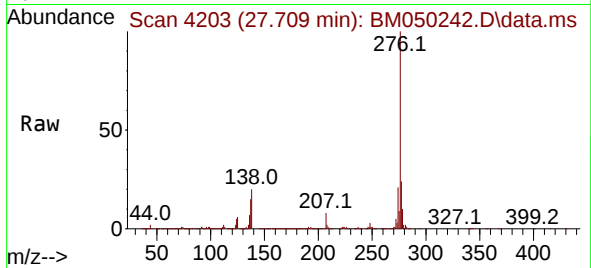
Tgt Ion:264 Resp: 1237452
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.1 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.916 ng
RT: 27.709 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47

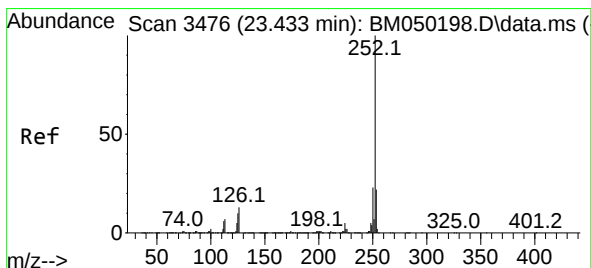
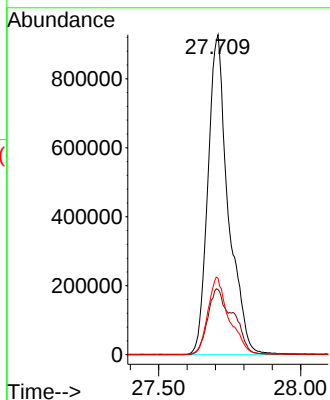
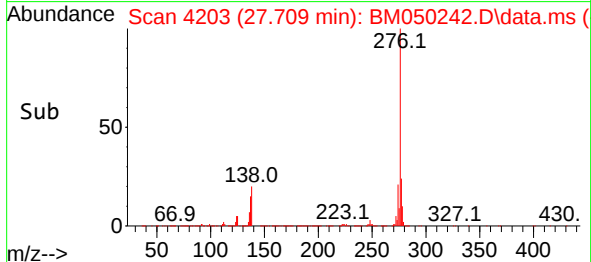
Instrument :
BNA_M
ClientSampleId :
GSB3MSD



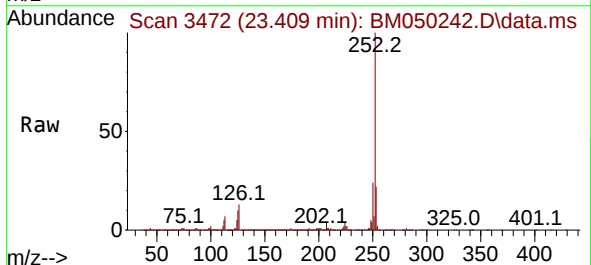
Tgt Ion:276 Resp: 461458
Ion Ratio Lower Upper
276 100
138 25.7 20.6 30.8
277 25.0 19.8 29.6

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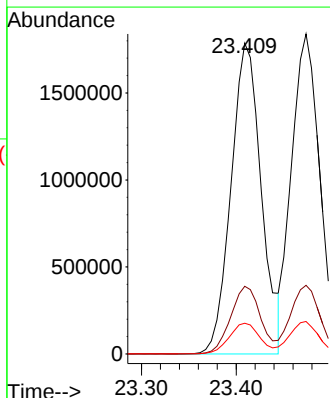
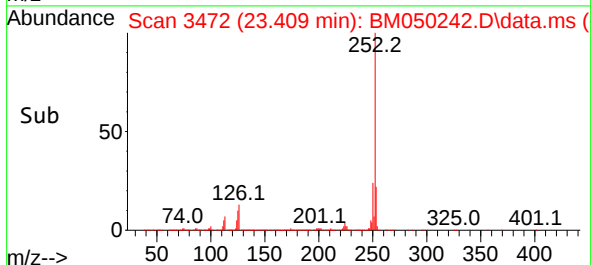
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

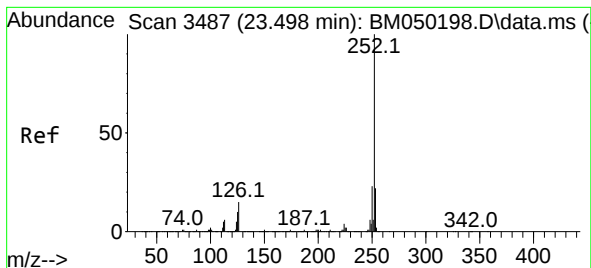


#88
Benzo(b)fluoranthene
Concen: 55.213 ng
RT: 23.409 min Scan# 3472
Delta R.T. -0.000 min
Lab File: BM050242.D
Acq: 09 Jun 2025 14:47



Tgt Ion:252 Resp: 3972361
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 52.257 ng

RT: 23.474 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:252 Resp: 383808

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

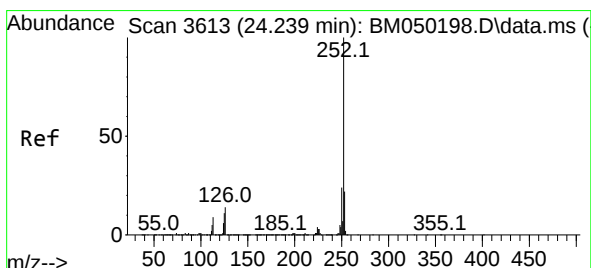
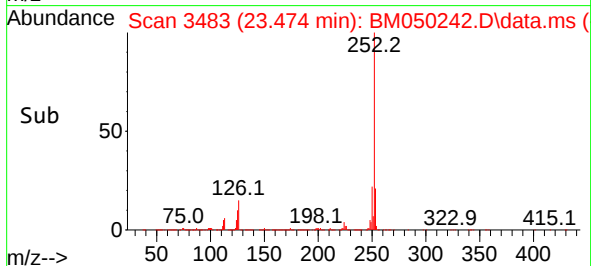
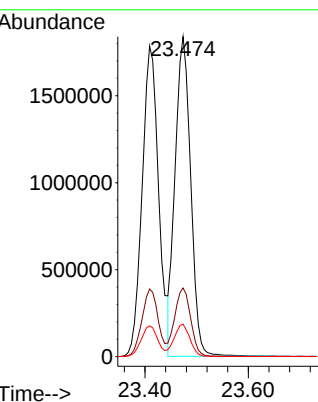
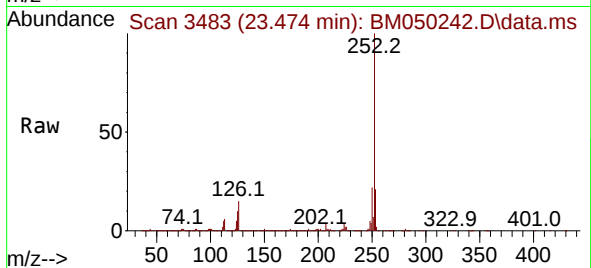
125 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#90

Benzo(a)pyrene

Concen: 55.061 ng

RT: 24.209 min Scan# 3608

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

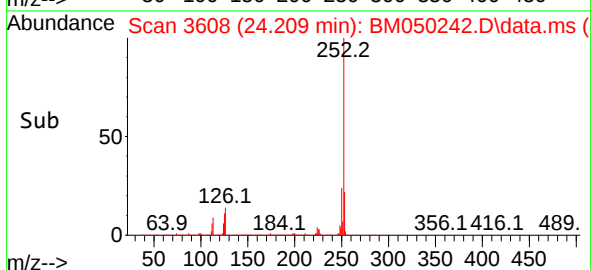
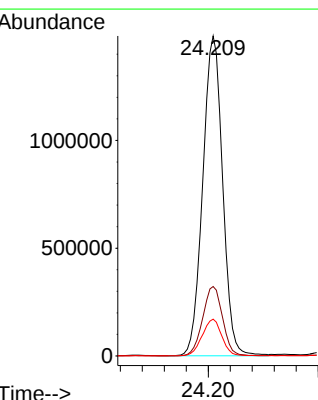
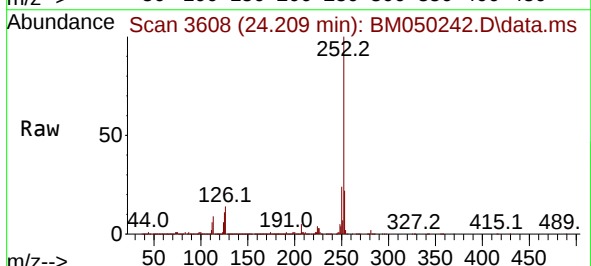
Tgt Ion:252 Resp: 3724602

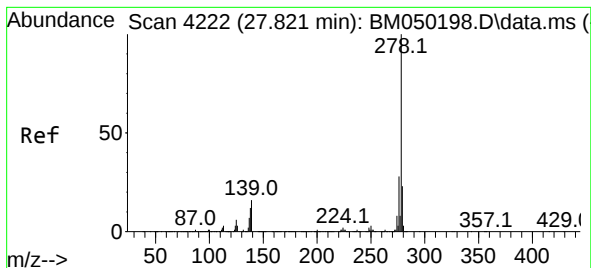
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 11.5 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 58.279 ng

RT: 27.768 min Scan# 4379

Delta R.T. -0.000 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Instrument :

BNA_M

ClientSampleId :

GSB3MSD

Tgt Ion:278 Resp: 376916

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

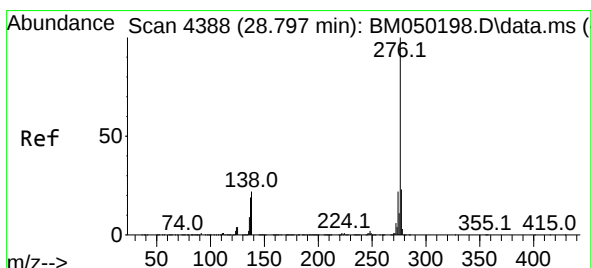
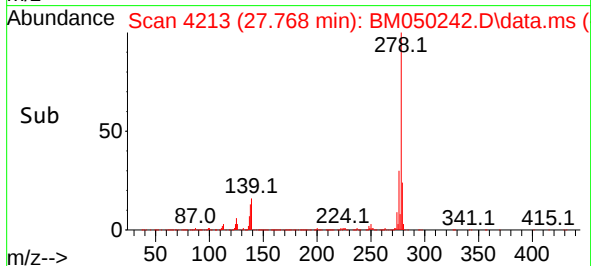
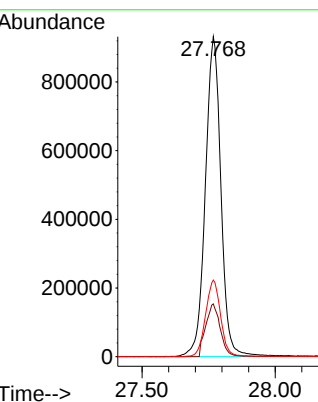
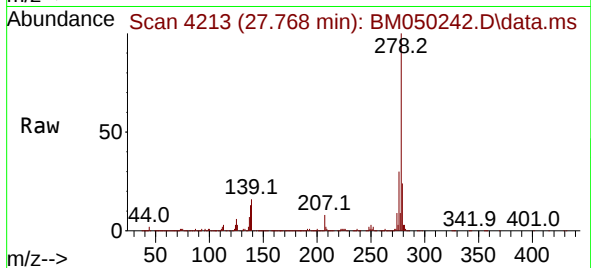
279 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



#92

Benzo(g,h,i)perylene

Concen: 58.072 ng

RT: 28.744 min Scan# 4379

Delta R.T. -0.006 min

Lab File: BM050242.D

Acq: 09 Jun 2025 14:47

Tgt Ion:276 Resp: 3759055

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 21.9 17.8 26.6

