

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049387.D
 Acq On : 22 Jan 2025 17:30
 Operator : RC/JU
 Sample : Q1139-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025

Quant Time: Jan 22 22:48:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	264269	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	989159	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	618550	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1172696	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1104032	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1026465	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	28263	4.425	ng/uL	0.00
4) Pyridine-d5	3.504	84	405073	19.922	ng/ul	0.00
7) Phenol-d5	6.716	99	497239	22.414	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	340357	23.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	394123	23.224	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	370679	21.548	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	177399	23.518	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	196172	23.264	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	408715	23.753	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	434443	19.188	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1079854	23.456	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1259811	23.971	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	161092	21.131	ng/ul	0.00
60) Fluorene-d10	15.157	176	930780	23.403	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	159005	21.275	ng/ul	0.00
73) Anthracene-d10	17.009	188	1379394	23.795	ng/ul	0.00
81) Pyrene-d10	19.315	212	1490634	22.185	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1244859	22.592	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	87964	12.571	ng/uL	97
5) Pyridine	3.528	79	677260	32.950	ng/ul	95
6) Benzaldehyde	6.675	77	45062	3.768	ng/ul	96
8) Phenol	6.740	94	733957	31.822	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.963	93	580546	30.909	ng/ul	99
12) 2-Chlorophenol	7.092	128	562909	31.911	ng/ul	100
13) 2-Methylphenol	7.969	108	505075	29.972	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.039	45	912681	32.423	ng/ul	98
16) Acetophenone	8.334	105	840194	29.905	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.328	70	468595	30.878	ng/ul	98
18) 4-Methylphenol	8.298	108	550214	29.801	ng/ul	98
19) Hexachloroethane	8.581	117	245897	32.443	ng/ul	96
22) Nitrobenzene	8.704	77	638577	32.678	ng/ul	98
23) Isophorone	9.233	82	1181376	31.113	ng/ul	100
25) 2-Nitrophenol	9.410	139	298847	32.246	ng/ul	99
26) 2,4-Dimethylphenol	9.481	107	550061	31.714	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.716	93	741419	31.770	ng/ul	98
29) 2,4-Dichlorophenol	9.939	162	551060	32.145	ng/ul	98
30) Naphthalene	10.328	128	1692355	32.238	ng/ul	99
32) 4-Chloroaniline	10.451	127	319974	14.820	ng/ul	99
33) Hexachlorobutadiene	10.622	225	402924	32.918	ng/ul	98
34) Caprolactam	11.227	113	133353m	26.130	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	495597	30.919	ng/ul	99
36) 2-Methylnaphthalene	11.951	142	1174454	31.265	ng/ul	99

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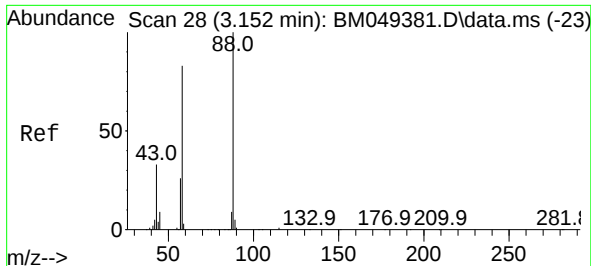
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 Supervised By :mohammad ahmed 01/24/2025

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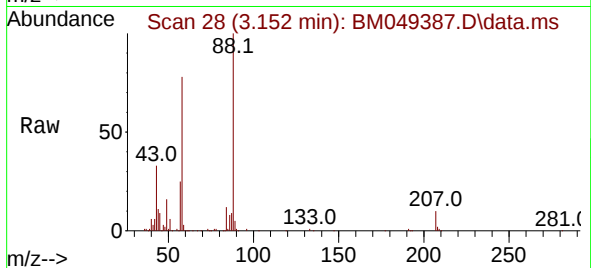
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.174	142	1168207	31.255	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.327	216	729889	34.090	ng/ul	98
40) Hexachlorocyclopentadiene	12.310	237	373096	29.044	ng/ul	99
41) 2,4,6-Trichlorophenol	12.580	196	440702	33.460	ng/ul	98
42) 2,4,5-Trichlorophenol	12.651	196	467765	33.136	ng/ul	98
43) 1,1'-Biphenyl	12.986	154	1526727	33.712	ng/ul	98
44) 2-Chloronaphthalene	13.021	162	1231448	34.001	ng/ul	99
45) 2-Nitroaniline	13.239	65	332628	34.806	ng/ul	99
47) Dimethylphthalate	13.633	163	1446642	31.765	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	278973	32.834	ng/ul	97
50) Acenaphthylene	13.874	152	1775794	32.958	ng/ul	100
51) 3-Nitroaniline	14.074	138	241803	29.006	ng/ul	99
52) Acenaphthene	14.221	153	1278584	33.213	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	139051	26.131	ng/ul	95
55) 4-Nitrophenol	14.398	109	167528	29.799	ng/ul	97
56) Dibenzofuran	14.563	168	1786410	32.678	ng/ul	98
57) 2,4-Dinitrotoluene	14.539	165	403901	32.035	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.798	232	370969	31.109	ng/ul	98
59) Diethylphthalate	15.010	149	1402118	31.591	ng/ul	99
61) Fluorene	15.215	166	1481813	33.176	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.215	204	798125	32.788	ng/ul	97
63) 4-Nitroaniline	15.245	138	259927	34.655	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.304	198	245288	30.100	ng/ul	95
67) N-Nitrosodiphenylamine	15.433	169	1171739	33.676	ng/ul	100
68) 4-Bromophenyl-phenylether	16.110	248	448937	33.667	ng/ul	98
69) Hexachlorobenzene	16.221	284	500569	32.277	ng/ul	98
70) Atrazine	16.398	200	406965	28.608	ng/ul	100
71) Pentachlorophenol	16.568	266	294573	28.671	ng/ul	97
72) Phenanthrene	16.951	178	2173104	33.332	ng/ul	100
74) Anthracene	17.045	178	2167624	33.125	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.945	216	695493	35.486	ng/uL	98
76) Pentachlorobenzene	14.480	250	643084	32.874	ng/uL	99
77) Carbazole	17.321	167	1872956	32.259	ng/ul	99
78) Di-n-butylphthalate	17.904	149	2356160	33.121	ng/ul	100
80) Fluoranthene	18.980	202	2505292	32.449	ng/ul	99
82) Pyrene	19.345	202	2646596	32.203	ng/ul	99
83) Butylbenzylphthalate	20.268	149	939517	32.290	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.056	252	597660	28.909	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2507394	32.589	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	1424692	32.923	ng/ul	99
87) Chrysene	21.180	228	2331807	33.198	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	2186908	29.246	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	2228492	32.436	ng/ul	99
91) Benzo(k)fluoranthene	23.109	252	2304487	33.641	ng/ul	100
93) Benzo(a)pyrene	23.791	252	2058197	33.166	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.003	276	2522441	35.434	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	2058033	35.495	ng/ul	99
96) Benzo(g,h,i)perylene	27.962	276	1922965	36.186	ng/ul	98

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



#2
1,4-Dioxane
Concen: 12.571 ng/uL
RT: 3.152 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

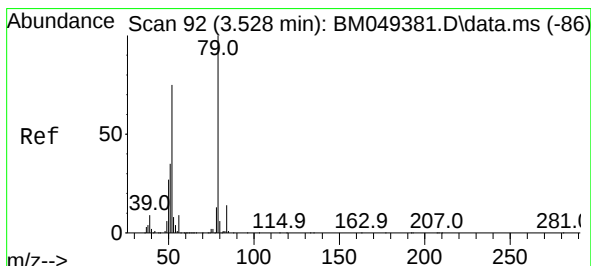
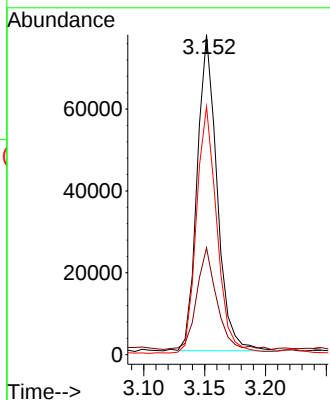
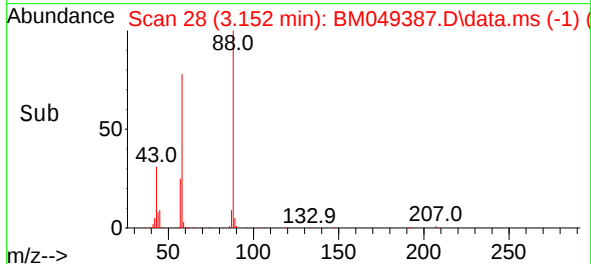
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



Tgt Ion: 88 Resp: 87964
Ion Ratio Lower Upper
88 100
43 33.4 22.7 34.1
58 77.6 61.3 91.9

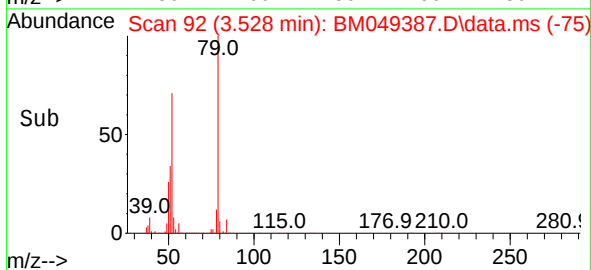
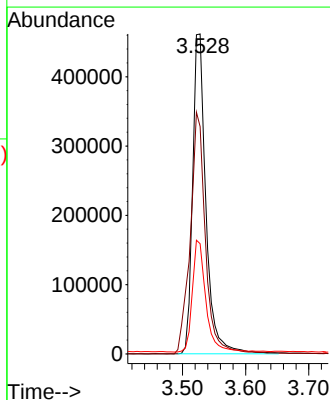
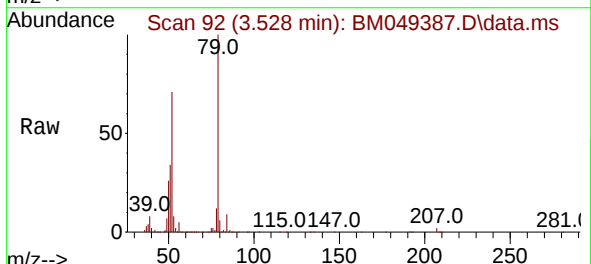
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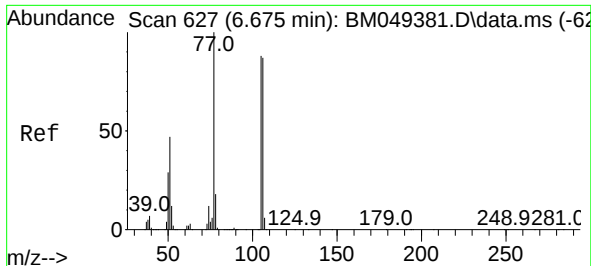
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#5
Pyridine
Concen: 32.950 ng/uL
RT: 3.528 min Scan# 92
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

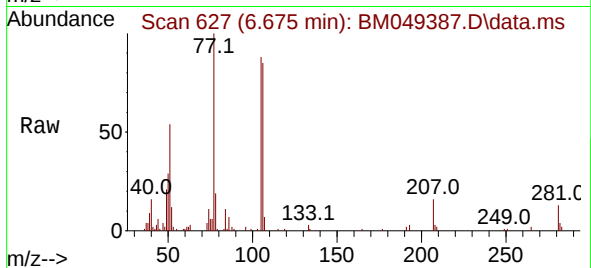
Tgt Ion: 79 Resp: 677260
Ion Ratio Lower Upper
79 100
52 71.1 61.2 91.8
51 34.5 28.2 42.4





#6
Benzaldehyde
Concen: 3.768 ng/ul
RT: 6.675 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

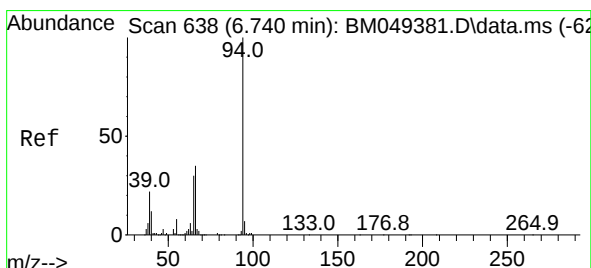
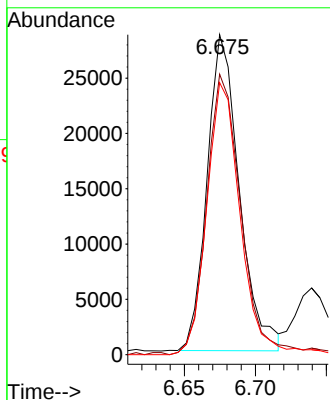
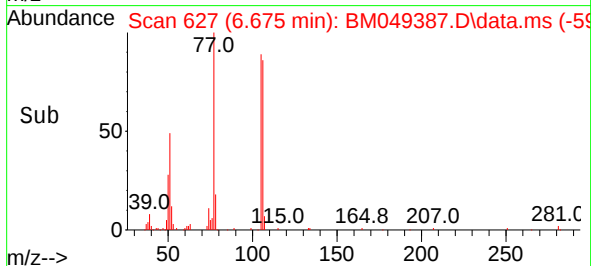
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



Tgt Ion: 77 Resp: 45062
Ion Ratio Lower Upper
77 100
105 87.6 73.4 110.0
106 85.0 71.3 106.9

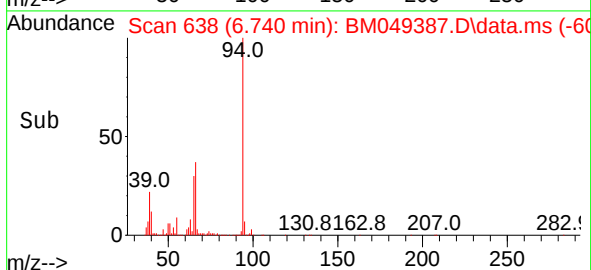
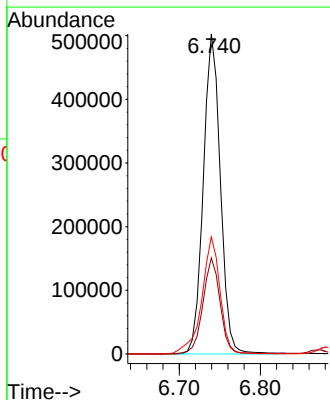
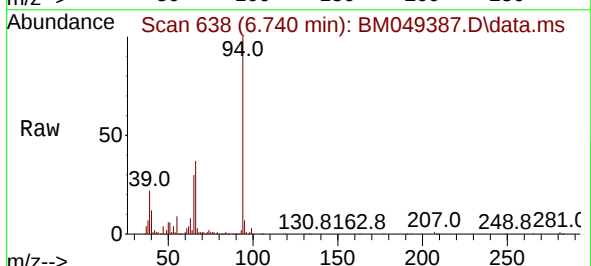
Manual Integrations
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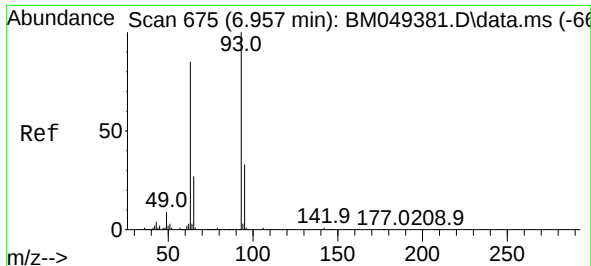
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#8
Phenol
Concen: 31.822 ng/ul
RT: 6.740 min Scan# 638
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Tgt Ion: 94 Resp: 733957
Ion Ratio Lower Upper
94 100
65 30.0 22.8 34.2
66 36.5 27.5 41.3





#10
Bis(2-Chloroethyl)ether
Concen: 30.909 ng/ul
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

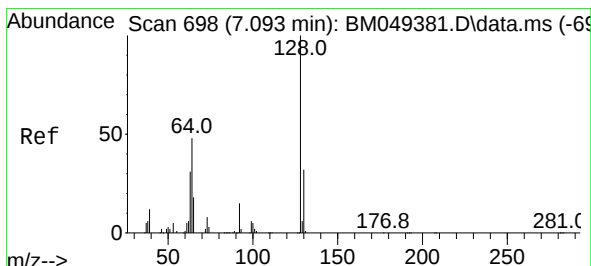
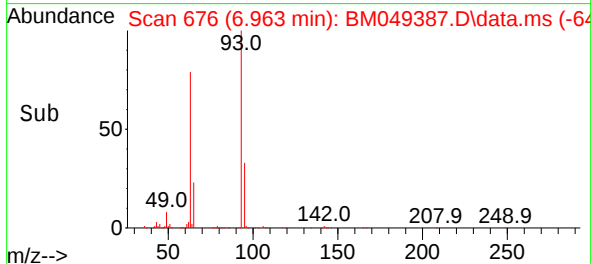
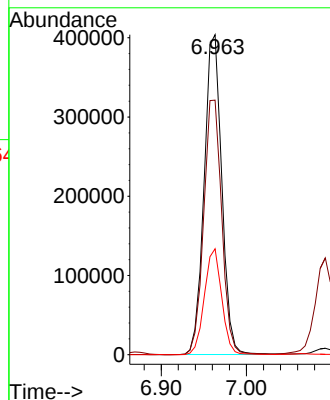
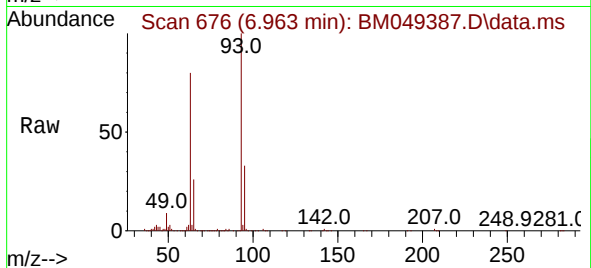
DCZH2MSD

Tgt Ion: 93 Resp: 580540
Ion Ratio Lower Upper
93 100
63 79.5 63.9 95.9
95 33.1 25.9 38.9

Manual Integrations

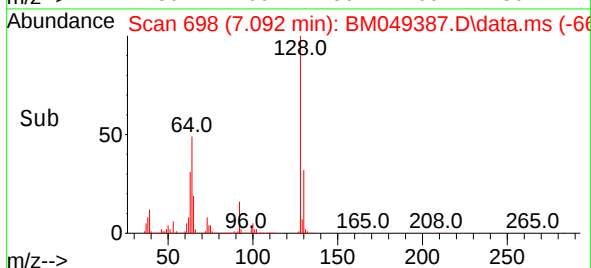
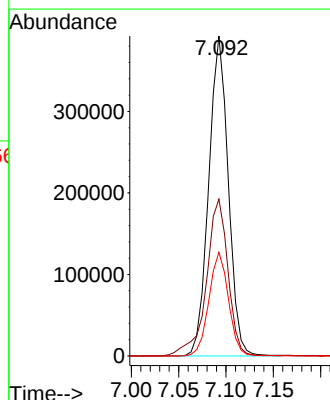
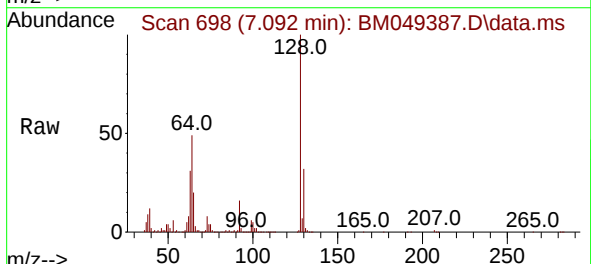
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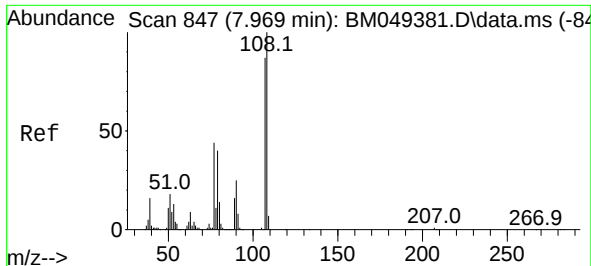
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#12
2-Chlorophenol
Concen: 31.911 ng/ul
RT: 7.092 min Scan# 698
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

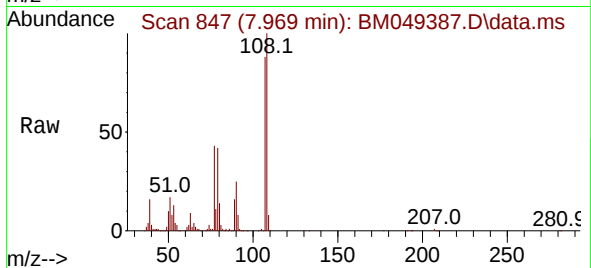
Tgt Ion:128 Resp: 562909
Ion Ratio Lower Upper
128 100
64 49.0 39.4 59.0
130 32.4 26.0 39.0





#13
2-Methylphenol
Concen: 29.972 ng/ul
RT: 7.969 min Scan# 847
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

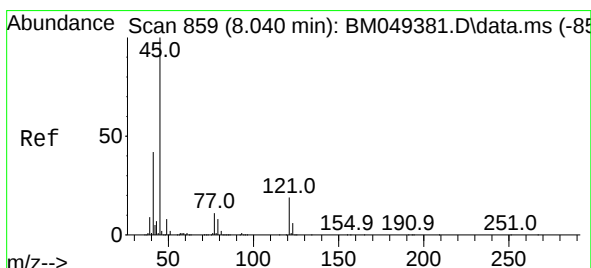
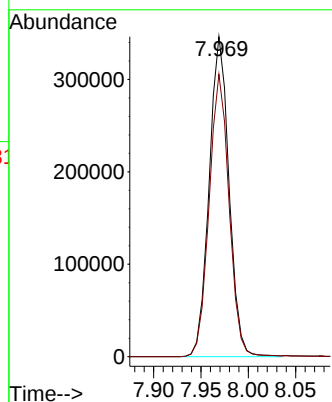
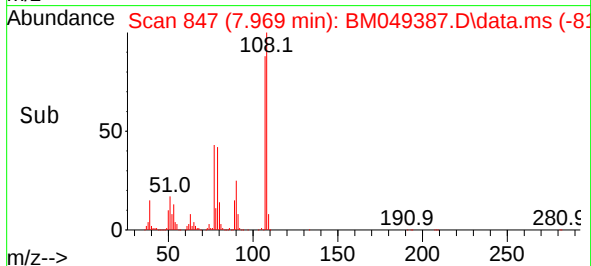
Instrument :
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Tgt Ion:108 Resp: 505079
Ion Ratio Lower Upper
108 100
107 88.3 72.0 108.0

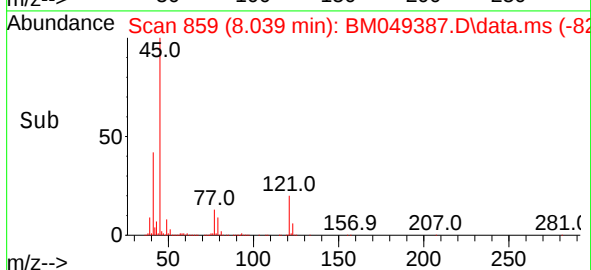
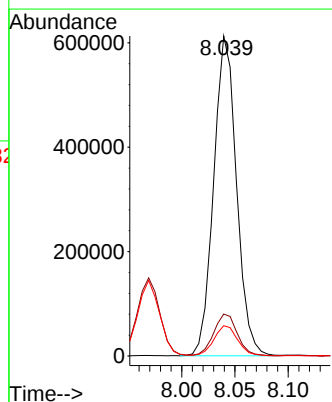
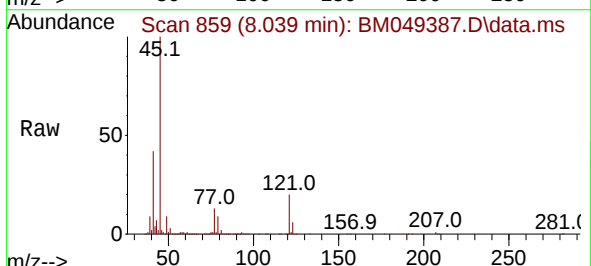
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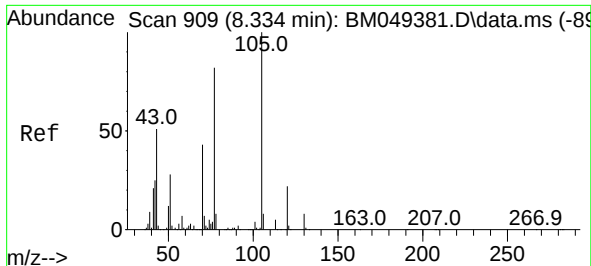
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.423 ng/ul
RT: 8.039 min Scan# 859
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

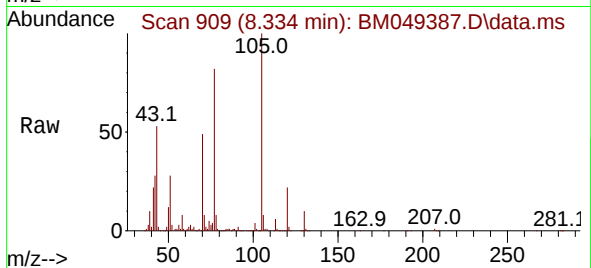
Tgt Ion: 45 Resp: 912681
Ion Ratio Lower Upper
45 100
77 13.1 10.9 16.3
79 9.5 8.2 12.2





#16
Acetophenone
Concen: 29.905 ng/ul
RT: 8.334 min Scan# 909
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

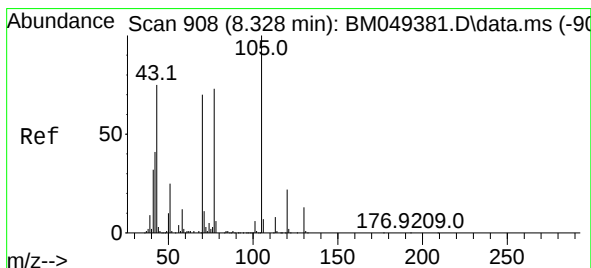
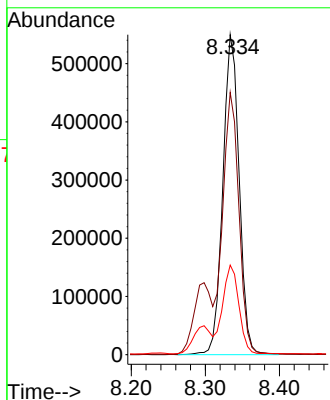
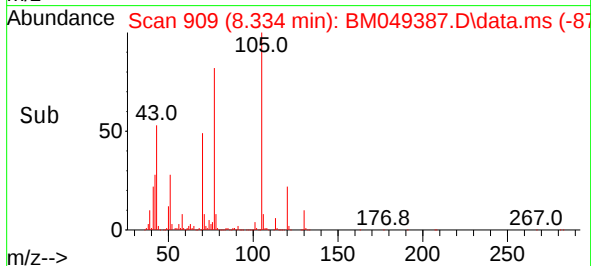
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:105 Resp: 840194
Ion Ratio Lower Upper
105 100
77 82.0 63.2 94.8
51 28.0 20.9 31.3

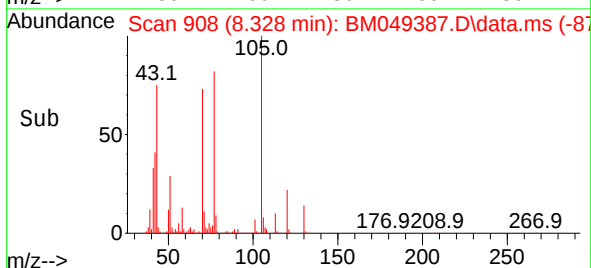
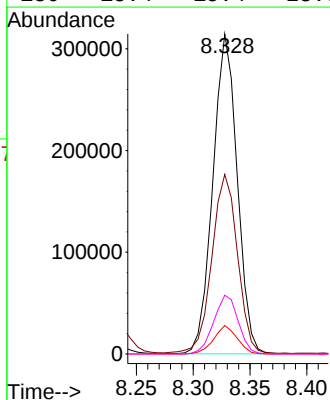
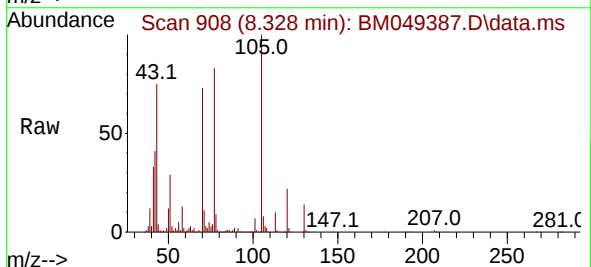
Manual Integrations
APPROVED

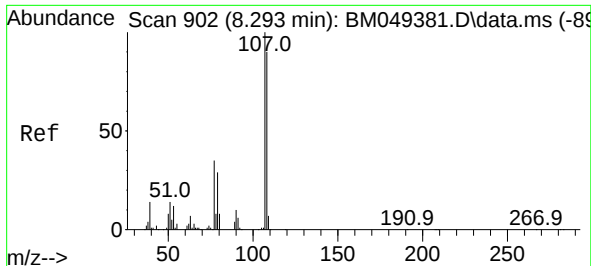
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#17
N-Nitroso-di-n-propylamine
Concen: 30.878 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Tgt Ion: 70 Resp: 468595
Ion Ratio Lower Upper
70 100
42 56.1 43.8 65.6
101 8.9 7.0 10.6
130 18.4 15.4 23.0





#18
4-Methylphenol
Concen: 29.801 ng/ul
RT: 8.298 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

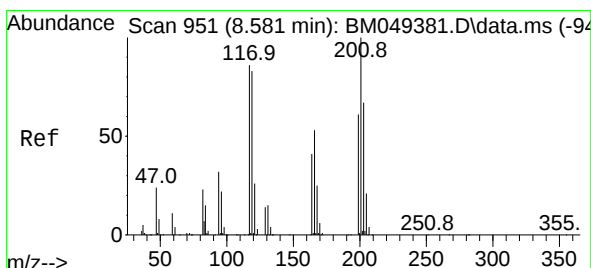
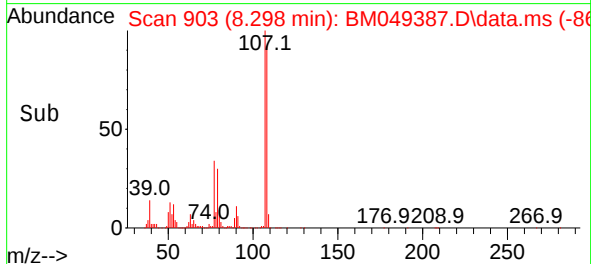
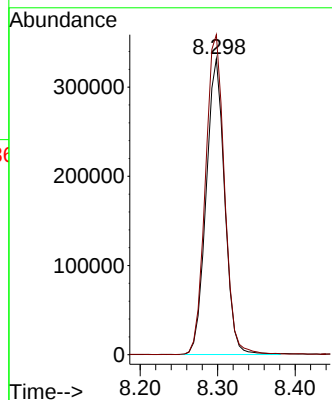
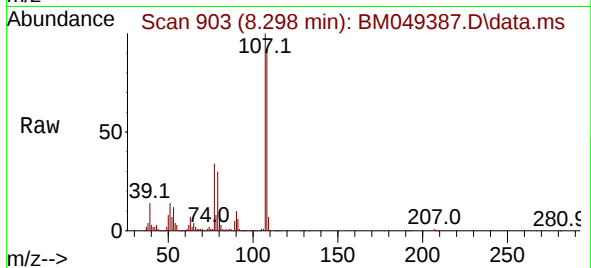
DCZH2MSD

Tgt Ion:108 Resp: 550214
Ion Ratio Lower Upper
108 100
107 108.2 88.0 132.0

Manual Integrations

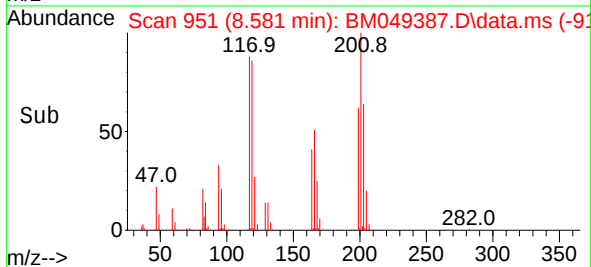
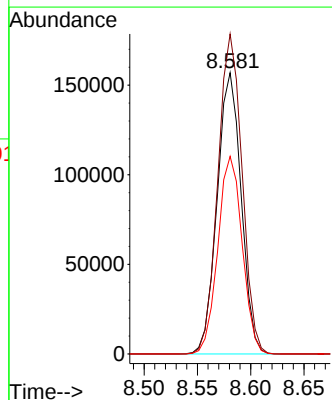
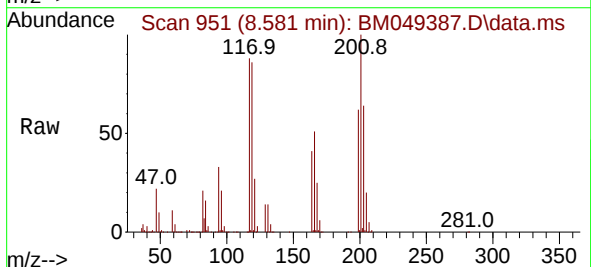
APPROVED

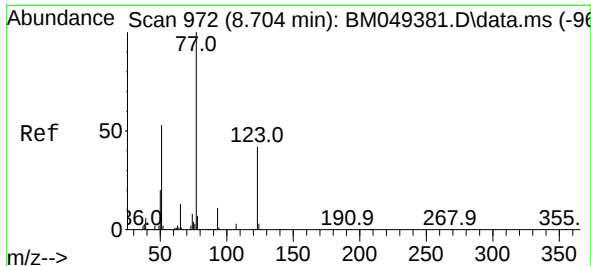
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#19
Hexachloroethane
Concen: 32.443 ng/ul
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Tgt Ion:117 Resp: 245897
Ion Ratio Lower Upper
117 100
201 113.7 95.9 143.9
199 70.2 57.9 86.9





#22

Nitrobenzene

Concen: 32.678 ng/ul

RT: 8.704 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

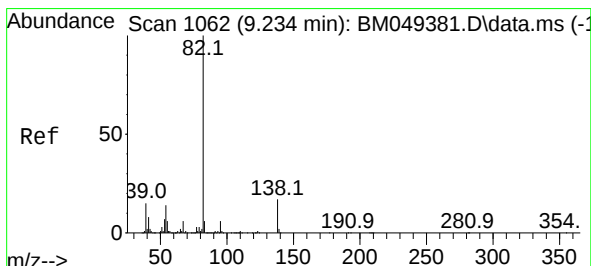
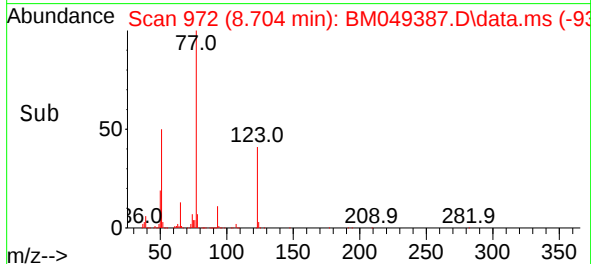
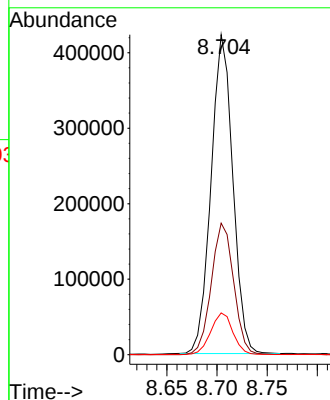
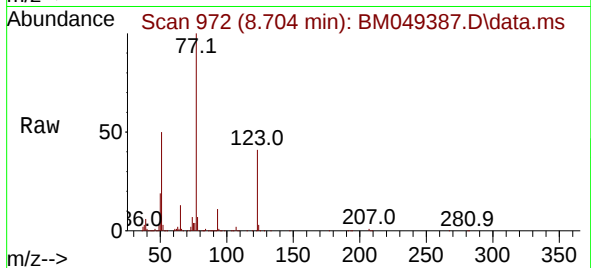
Tgt Ion: 77 Resp: 63857
 Ion Ratio Lower Upper
 77 100
 123 41.1 34.2 51.4
 65 13.0 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#23

Isophorone

Concen: 31.113 ng/ul

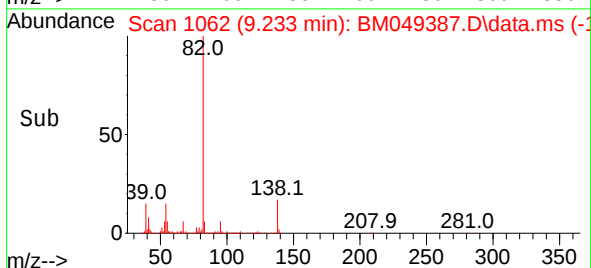
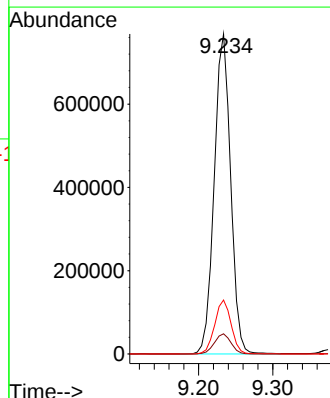
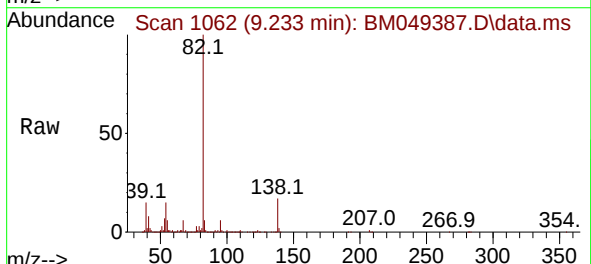
RT: 9.233 min Scan# 1062

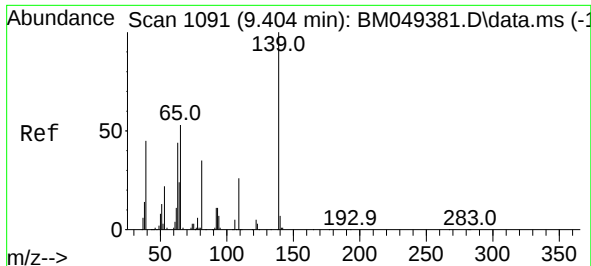
Delta R.T. -0.000 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

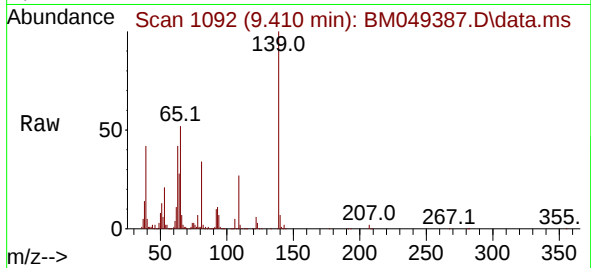
Tgt Ion: 82 Resp: 1181376
 Ion Ratio Lower Upper
 82 100
 95 6.3 5.0 7.6
 138 16.8 13.4 20.0





#25
2-Nitrophenol
Concen: 32.246 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

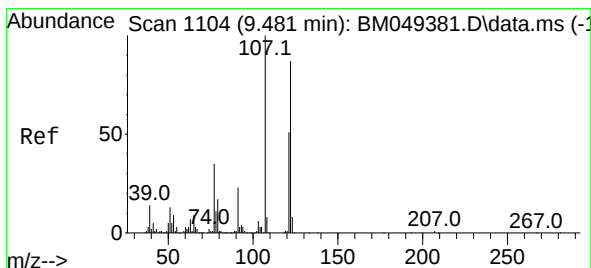
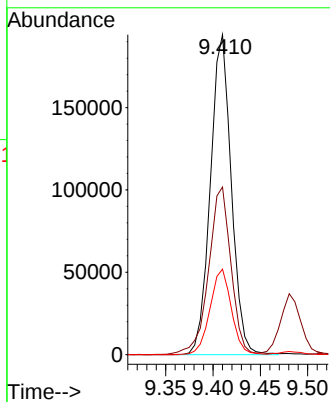
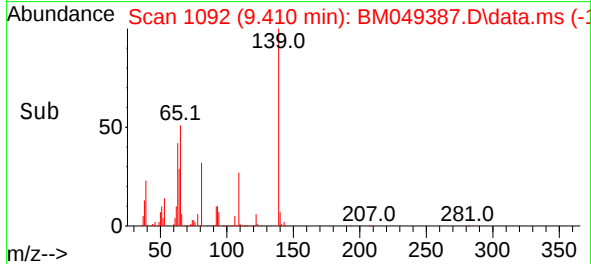
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



Tgt Ion:139 Resp: 29884
Ion Ratio Lower Upper
139 100
65 52.4 40.7 61.1
109 26.8 21.4 32.0

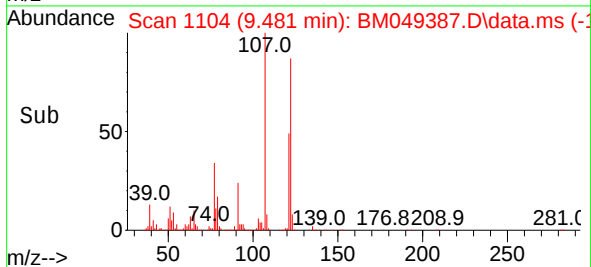
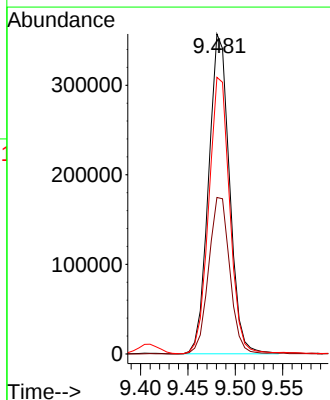
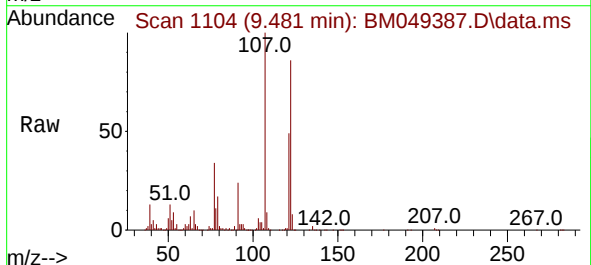
Manual Integrations
APPROVED

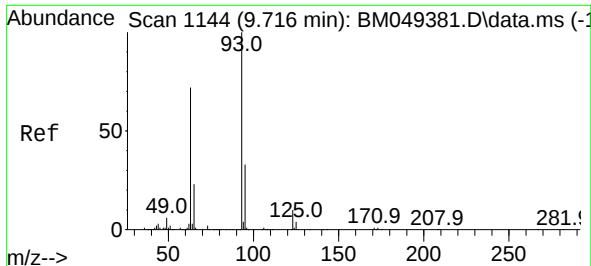
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#26
2,4-Dimethylphenol
Concen: 31.714 ng/ul
RT: 9.481 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Tgt Ion:107 Resp: 550061
Ion Ratio Lower Upper
107 100
121 48.9 40.4 60.6
122 86.4 70.8 106.2





#27

Bis(2-Chloroethoxy)methane

Concen: 31.770 ng/ul

RT: 9.716 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM049387.D

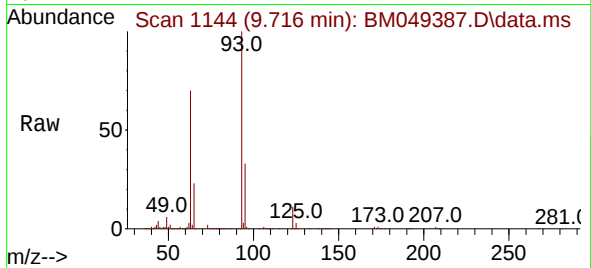
Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD



Tgt Ion: 93 Resp: 741419

Ion Ratio Lower Upper

93 100

95 32.6 25.1 37.7

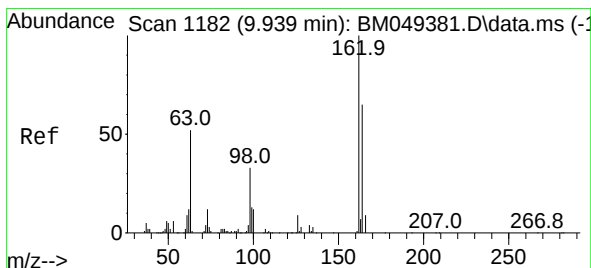
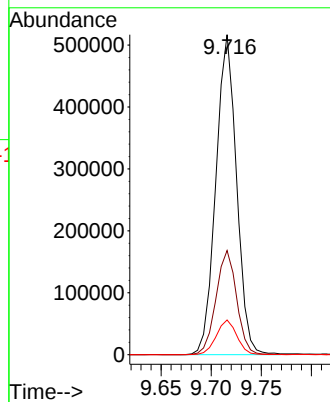
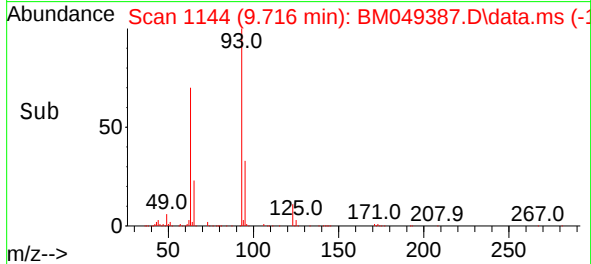
123 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#29

2,4-Dichlorophenol

Concen: 32.145 ng/ul

RT: 9.939 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

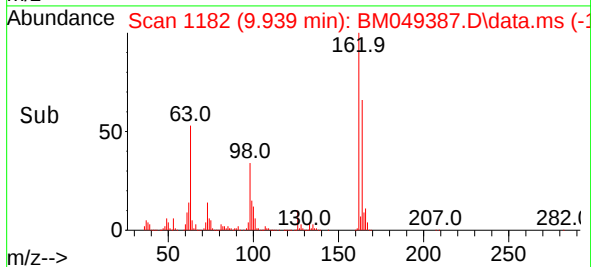
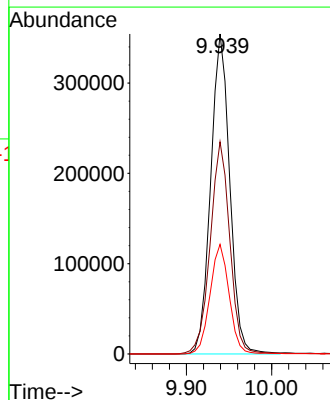
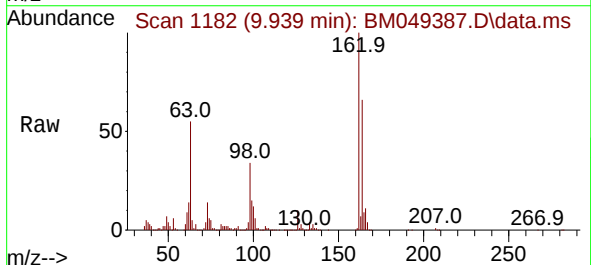
Tgt Ion:162 Resp: 551060

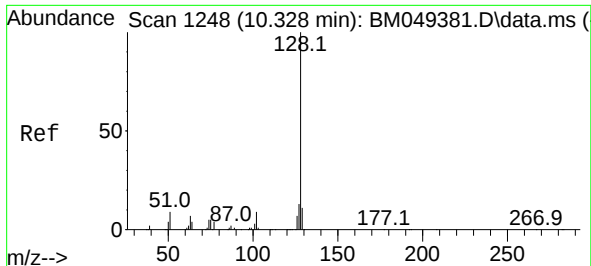
Ion Ratio Lower Upper

162 100

164 66.3 51.8 77.8

98 34.2 26.5 39.7





#30

Naphthalene

Concen: 32.238 ng/ul

RT: 10.328 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:128 Resp: 169235

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

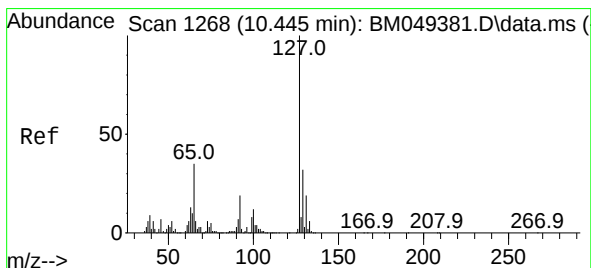
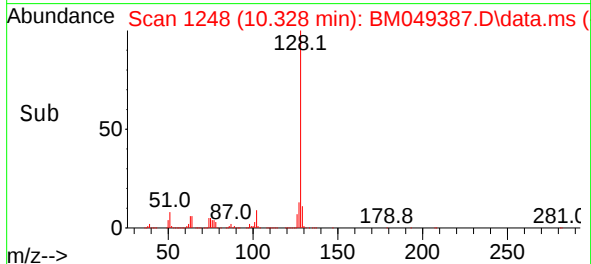
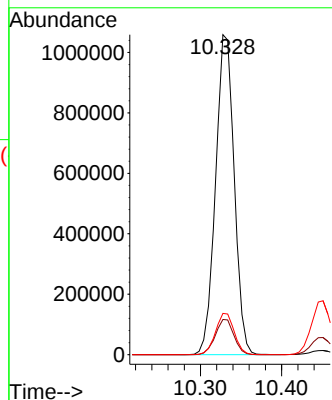
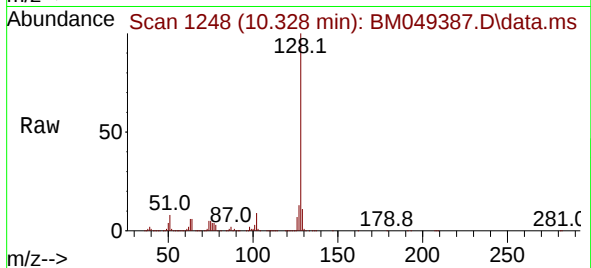
127 12.9 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#32

4-Chloroaniline

Concen: 14.820 ng/ul

RT: 10.451 min Scan# 1269

Delta R.T. -0.000 min

Lab File: BM049387.D

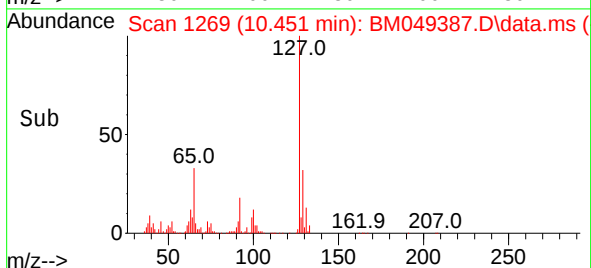
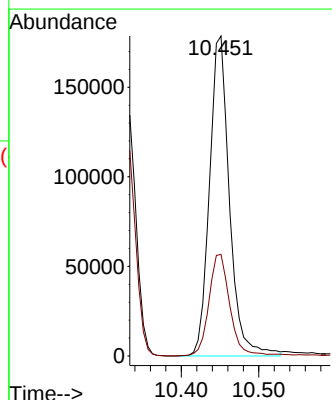
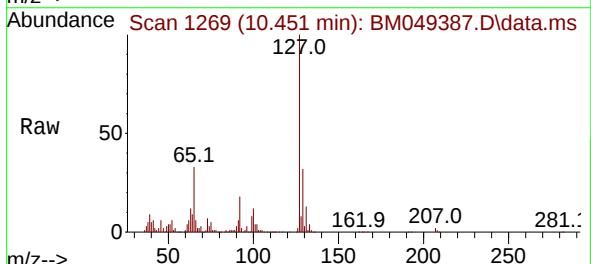
Acq: 22 Jan 2025 17:30

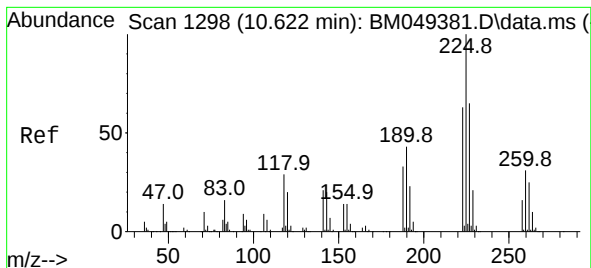
Tgt Ion:127 Resp: 319974

Ion Ratio Lower Upper

127 100

129 31.7 25.7 38.5





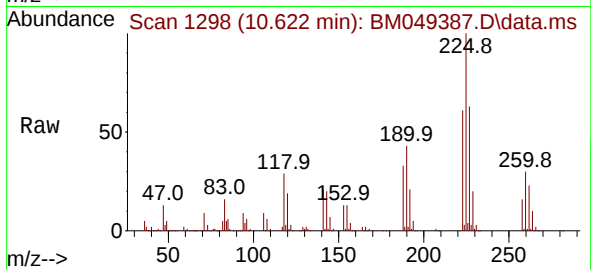
#33
Hexachlorobutadiene
Concen: 32.918 ng/ul
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD



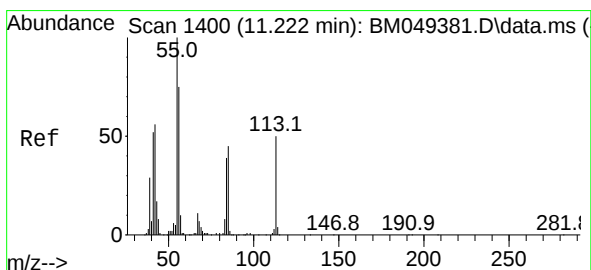
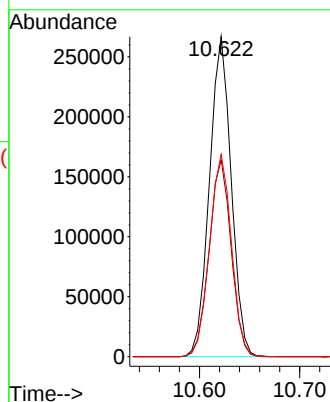
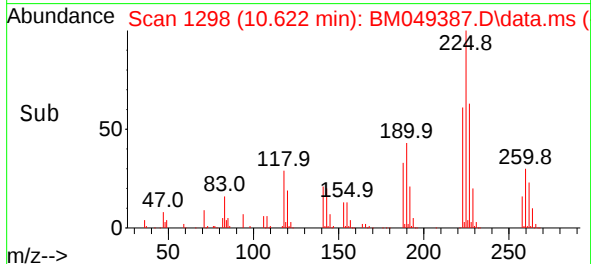
Tgt Ion:225 Resp: 402924
Ion Ratio Lower Upper
225 100
223 61.5 50.4 75.6
227 63.2 52.0 78.0

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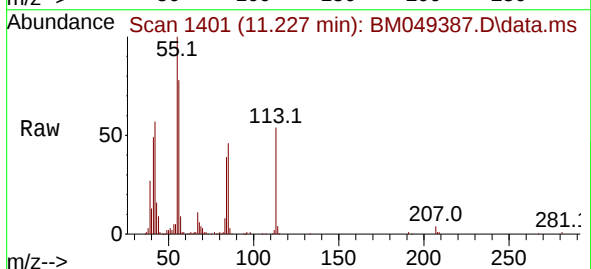
APPROVED

Reviewed By :Yogesh Patel 01/24/2025

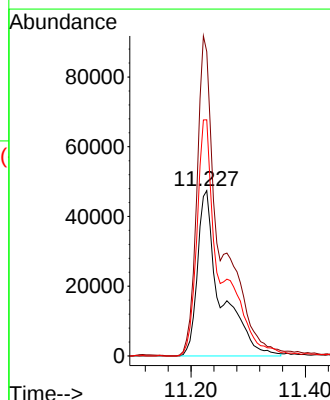
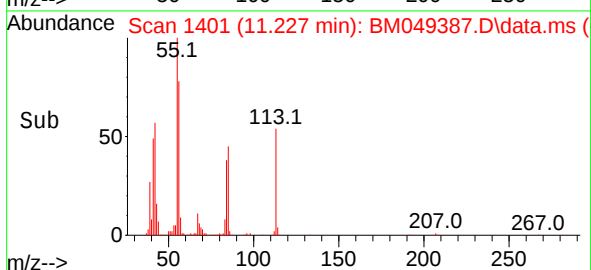
Supervised By :mohammad ahmed 01/24/2025

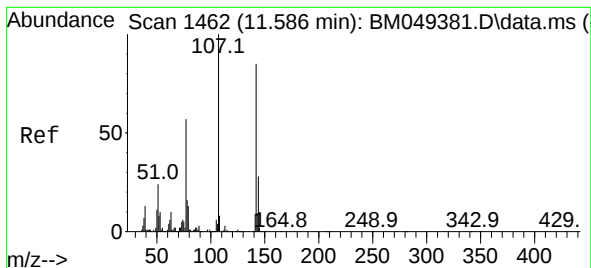


#34
Caprolactam
Concen: 26.130 ng/ul m
RT: 11.227 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



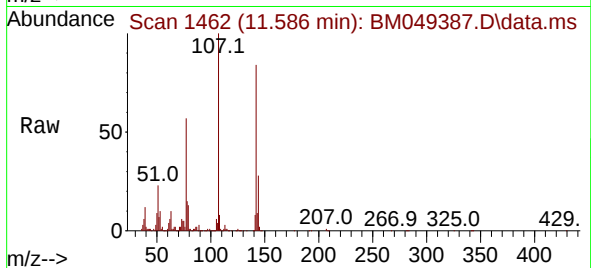
Tgt Ion:113 Resp: 133353
Ion Ratio Lower Upper
113 100
55 184.2 155.1 232.7
56 142.9 114.8 172.2





#35
4-Chloro-3-methylphenol
Concen: 30.919 ng/ul
RT: 11.586 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

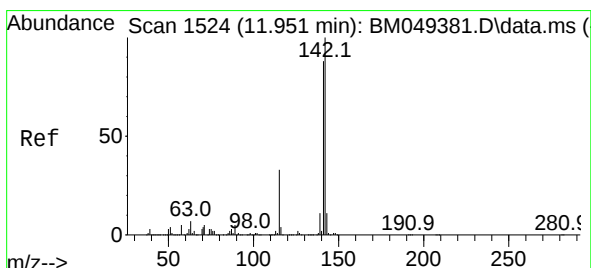
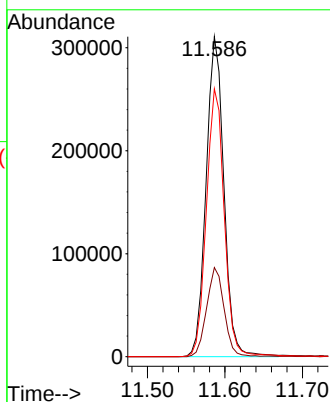
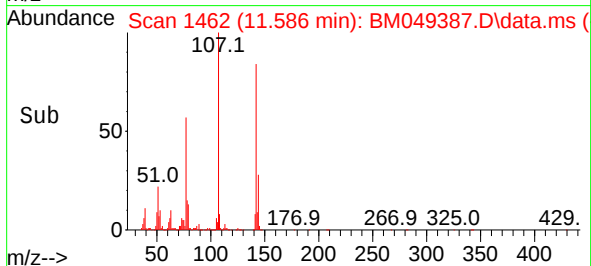
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



Tgt Ion:107 Resp: 49559
Ion Ratio Lower Upper
107 100
144 27.8 21.8 32.8
142 83.7 67.3 100.9

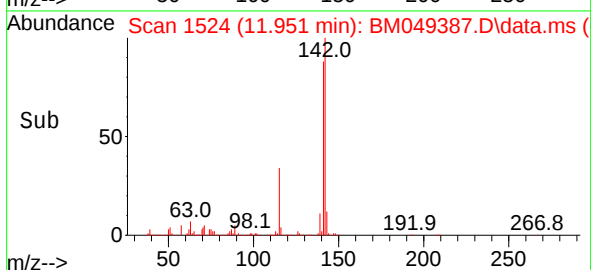
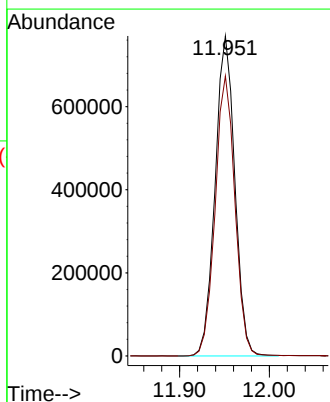
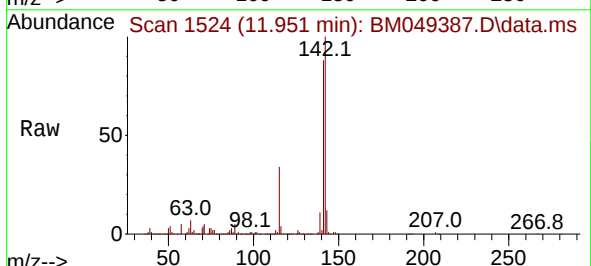
Manual Integrations
APPROVED

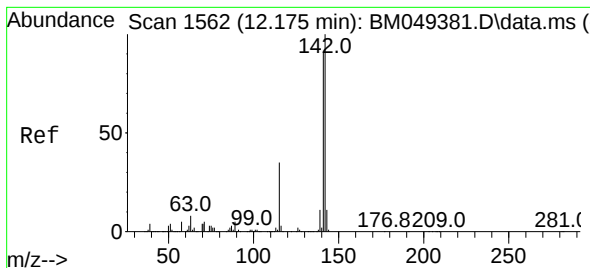
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#36
2-Methylnaphthalene
Concen: 31.265 ng/ul
RT: 11.951 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

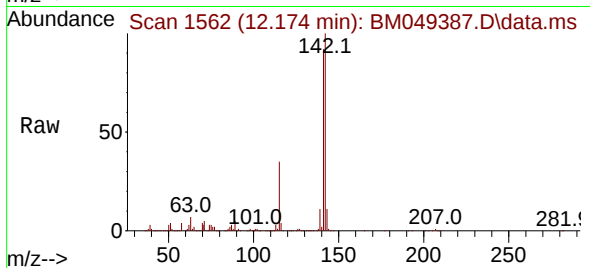
Tgt Ion:142 Resp: 1174454
Ion Ratio Lower Upper
142 100
141 87.5 69.6 104.4





#37
1-Methylnaphthalene
Concen: 31.255 ng/ul
RT: 12.174 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

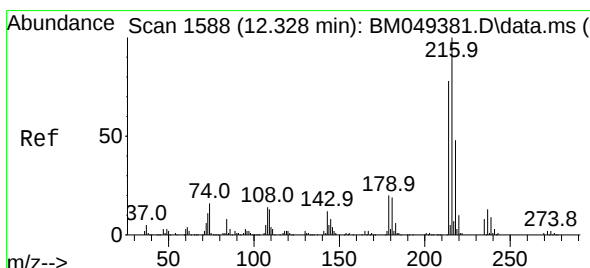
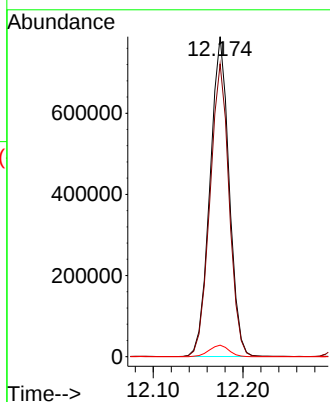
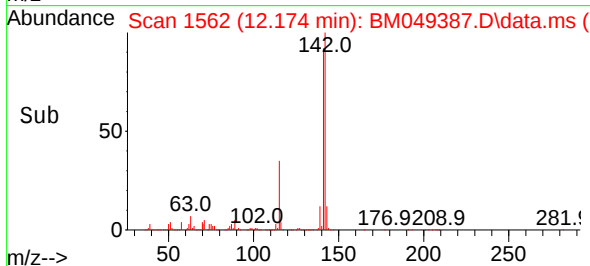
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



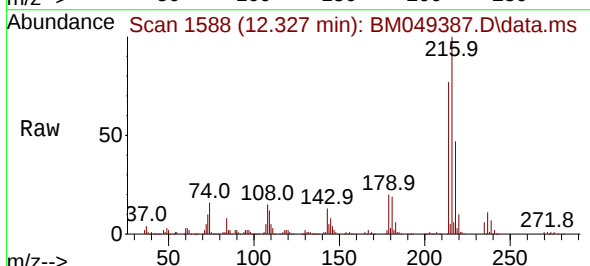
Tgt Ion:142 Resp: 116820
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9
116 3.6 2.8 4.2

Manual Integrations
APPROVED

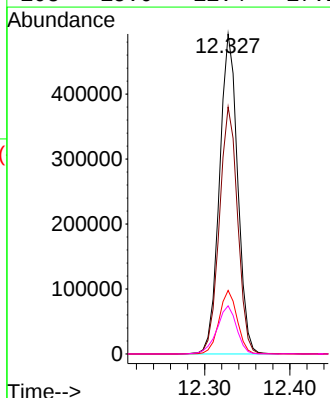
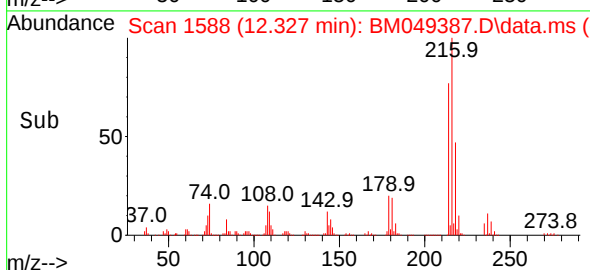
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

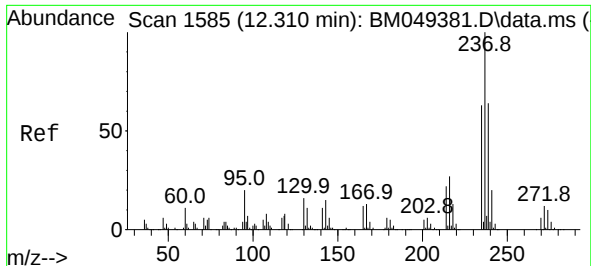


#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.090 ng/ul
RT: 12.327 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



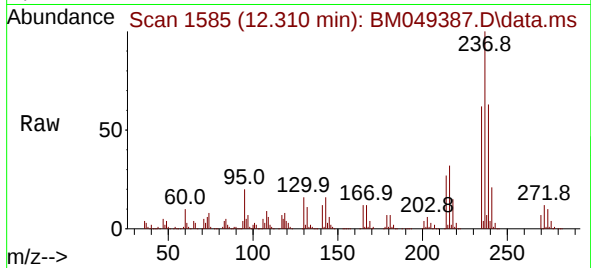
Tgt Ion:216 Resp: 729889
Ion Ratio Lower Upper
216 100
214 77.2 63.4 95.2
179 19.9 15.7 23.5
108 15.0 11.4 17.2





#40
Hexachlorocyclopentadiene
Concen: 29.044 ng/ul
RT: 12.310 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

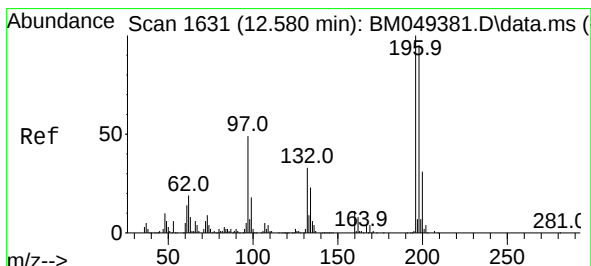
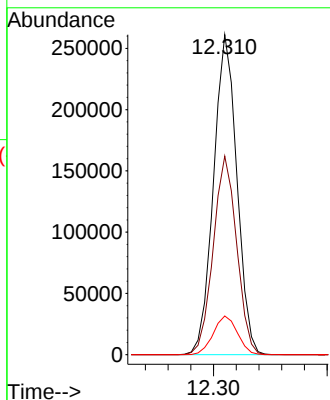
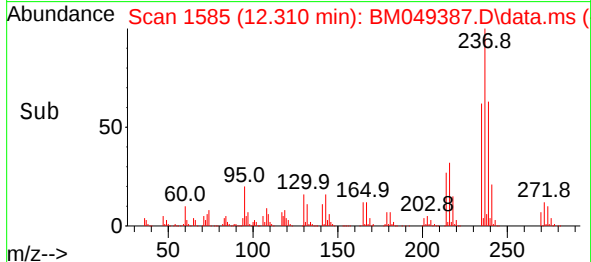
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



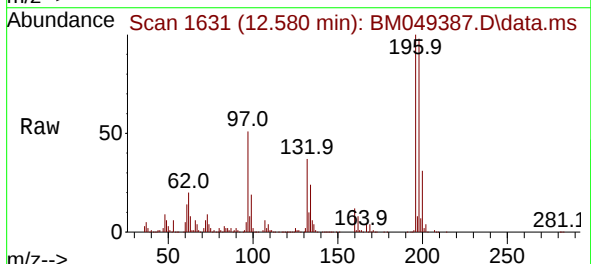
Tgt Ion:237 Resp: 373090
Ion Ratio Lower Upper
237 100
235 62.1 49.9 74.9
272 12.1 11.2 16.8

Manual Integrations
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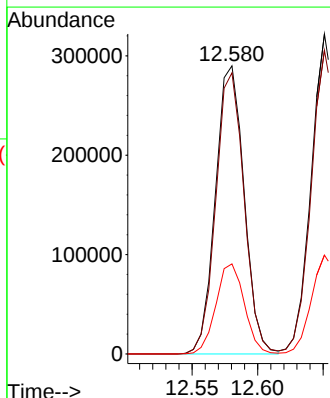
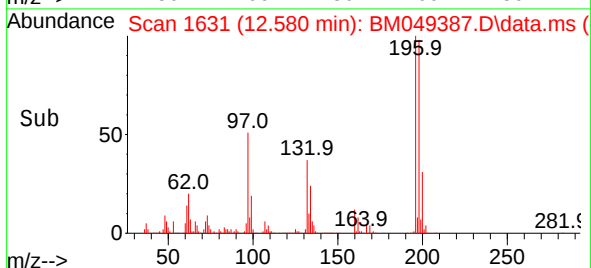
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

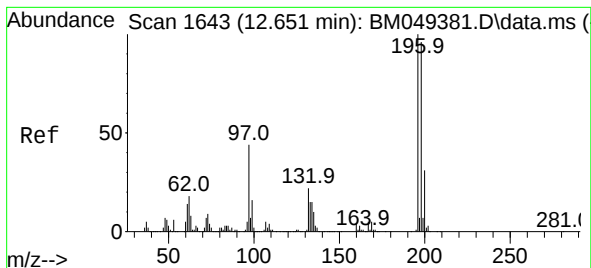


#41
2,4,6-Trichlorophenol
Concen: 33.460 ng/ul
RT: 12.580 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



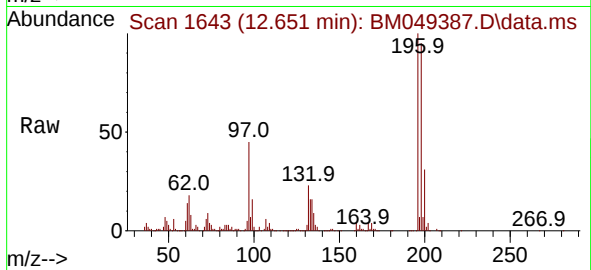
Tgt Ion:196 Resp: 440702
Ion Ratio Lower Upper
196 100
198 97.5 76.4 114.6
200 31.3 24.2 36.4





#42
2,4,5-Trichlorophenol
Concen: 33.136 ng/ul
RT: 12.651 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

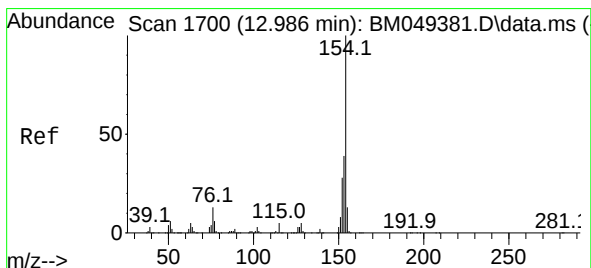
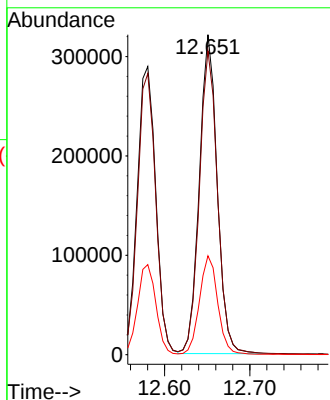
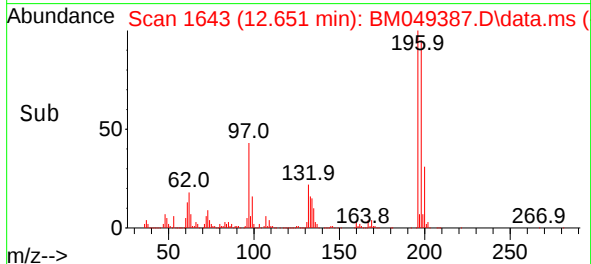
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



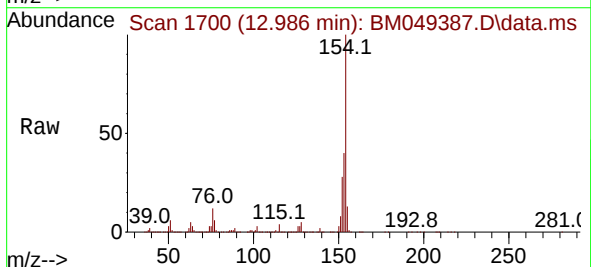
Tgt Ion:196 Resp: 467765
Ion Ratio Lower Upper
196 100
198 94.9 78.2 117.4
200 30.9 24.9 37.3

Manual Integrations
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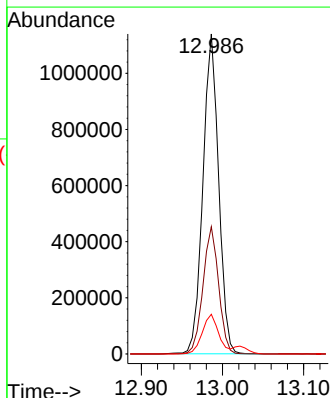
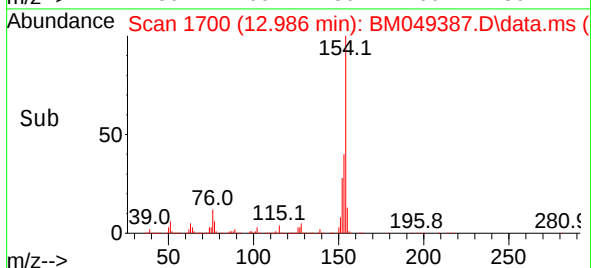
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

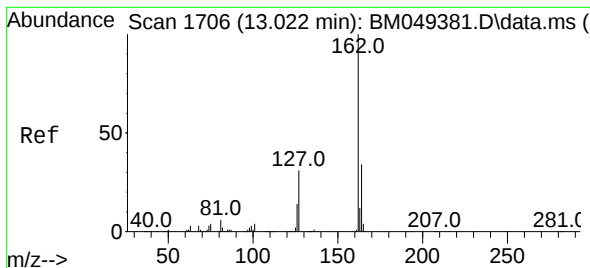


#43
1,1'-Biphenyl
Concen: 33.712 ng/ul
RT: 12.986 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



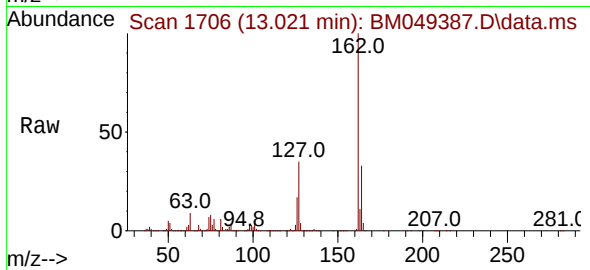
Tgt Ion:154 Resp: 1526727
Ion Ratio Lower Upper
154 100
153 39.8 31.0 46.4
76 12.4 9.1 13.7





#44
2-Chloronaphthalene
Concen: 34.001 ng/ul
RT: 13.021 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

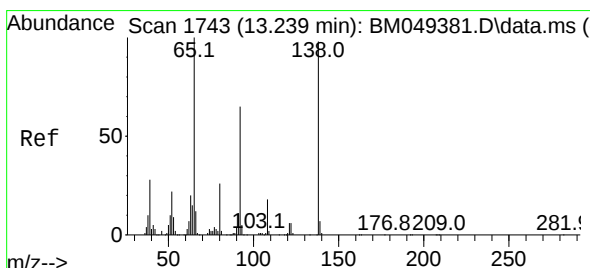
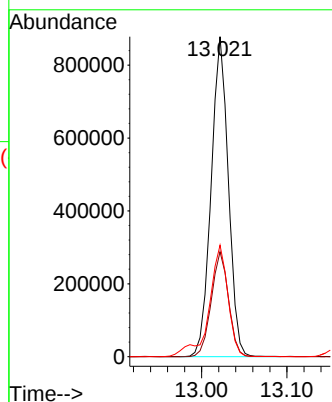
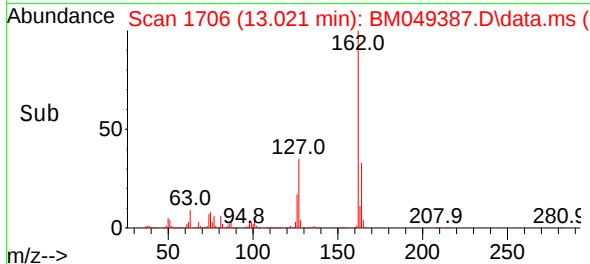
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



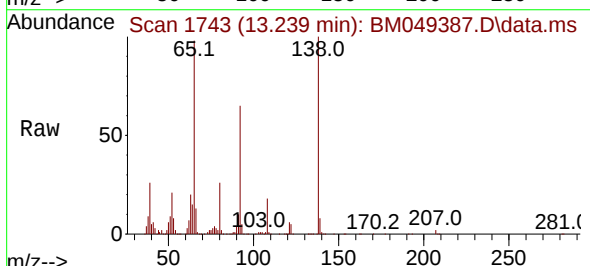
Tgt Ion:162 Resp: 123144
Ion Ratio Lower Upper
162 100
164 32.8 26.8 40.2
127 34.8 27.8 41.8

Manual Integrations
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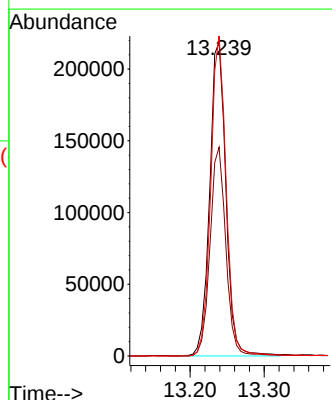
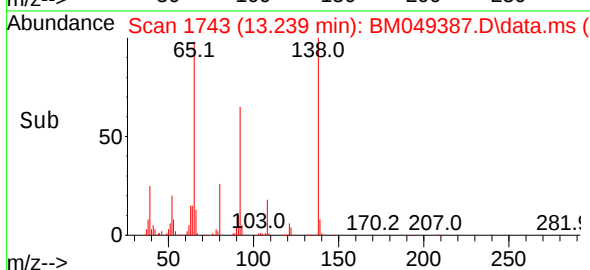
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

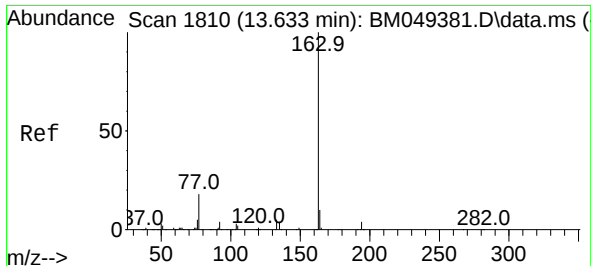


#45
2-Nitroaniline
Concen: 34.806 ng/ul
RT: 13.239 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



Tgt Ion: 65 Resp: 332628
Ion Ratio Lower Upper
65 100
92 66.6 52.5 78.7
138 102.0 80.4 120.6





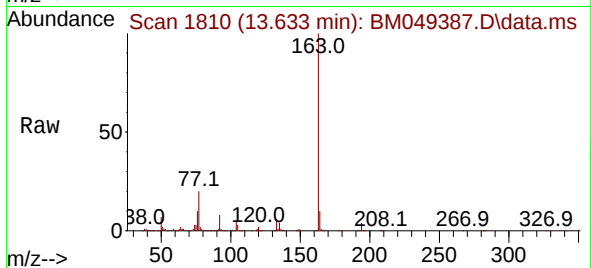
#47
Dimethylphthalate
Concen: 31.765 ng/ul
RT: 13.633 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

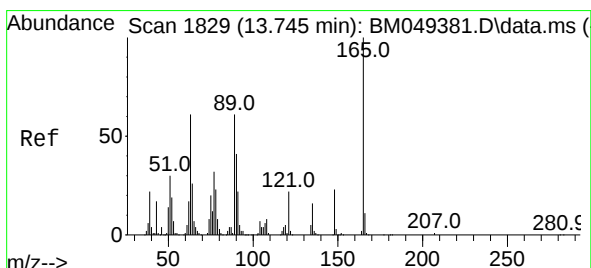
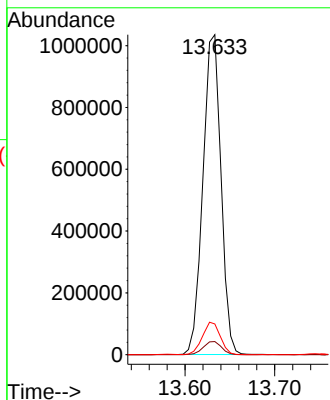
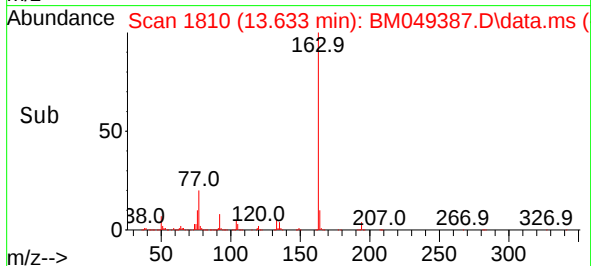


Tgt Ion:163 Resp: 144664
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.6 8.2 12.4

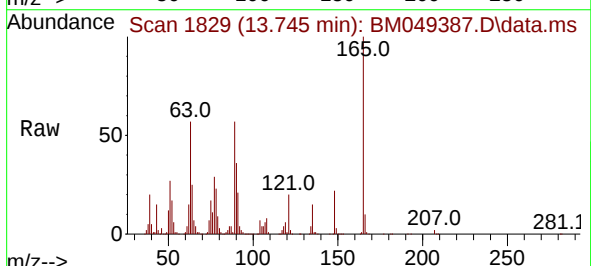
Manual Integrations

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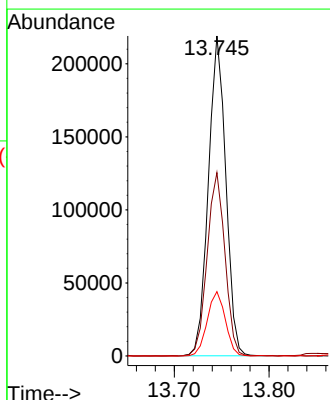
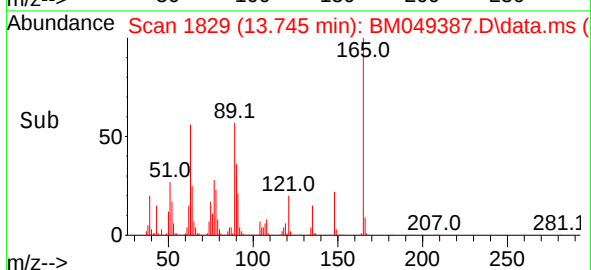
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

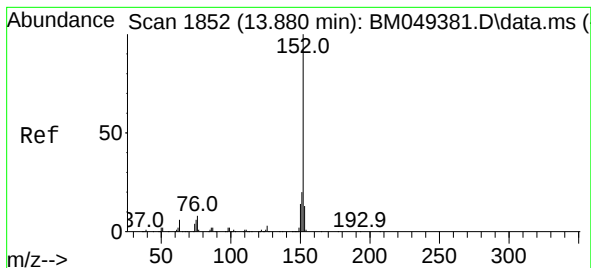


#48
2,6-Dinitrotoluene
Concen: 32.834 ng/ul
RT: 13.745 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



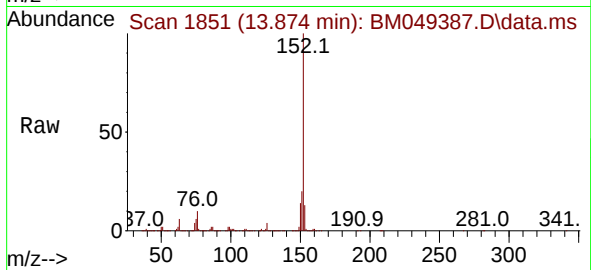
Tgt Ion:165 Resp: 278973
Ion Ratio Lower Upper
165 100
89 57.3 43.2 64.8
121 20.1 16.2 24.2





#50
Acenaphthylene
Concen: 32.958 ng/ul
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

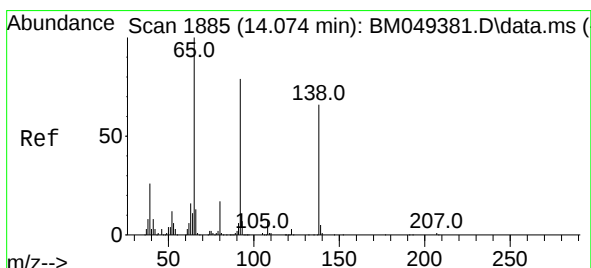
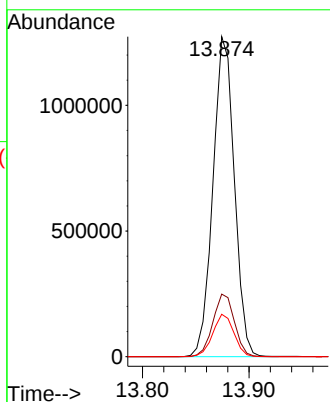
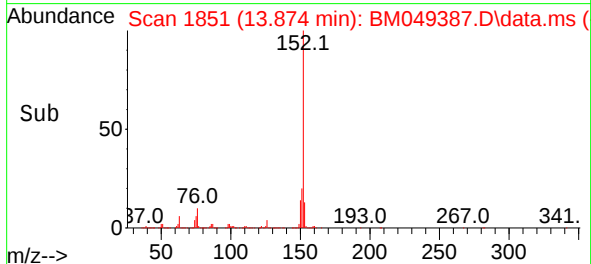
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



Tgt Ion:152 Resp: 1775794
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.3 10.6 15.8

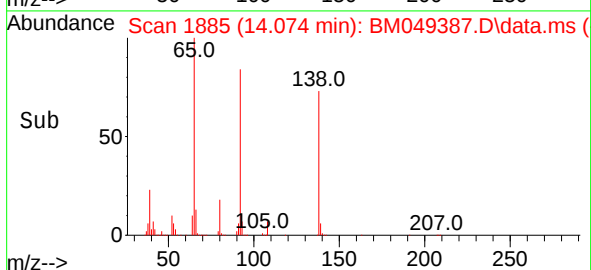
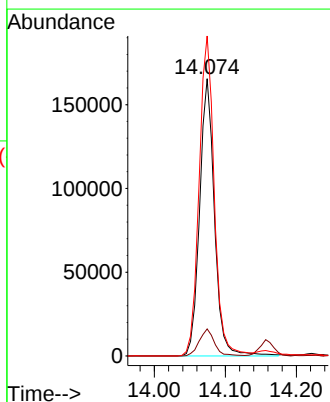
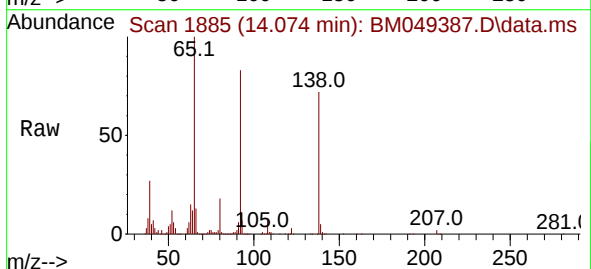
Manual Integrations
APPROVED

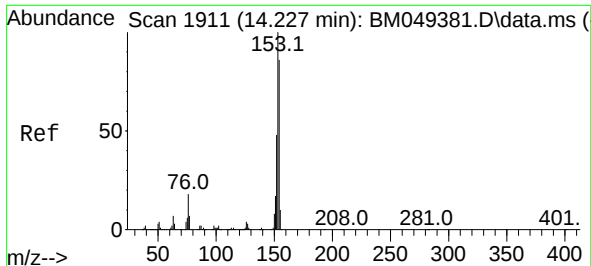
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#51
3-Nitroaniline
Concen: 29.006 ng/ul
RT: 14.074 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

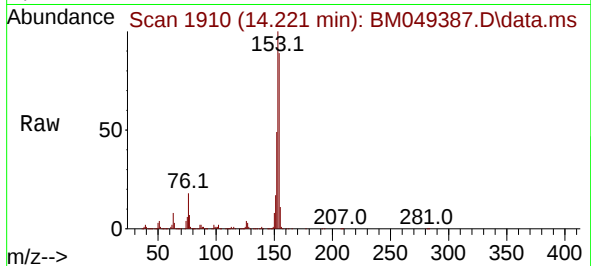
Tgt Ion:138 Resp: 241803
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 115.4 91.8 137.6





#52
Acenaphthene
Concen: 33.213 ng/ul
RT: 14.221 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

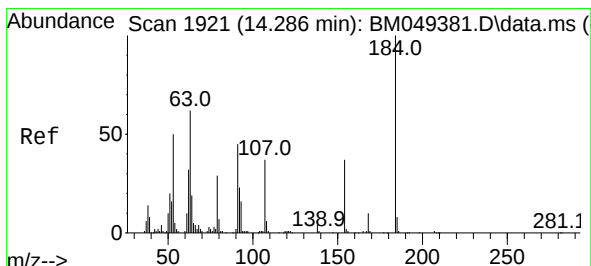
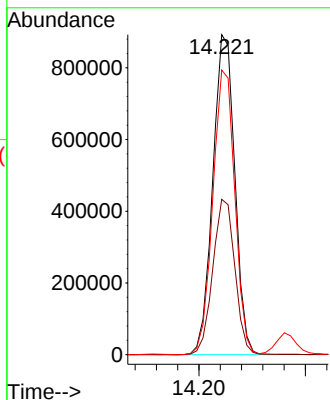
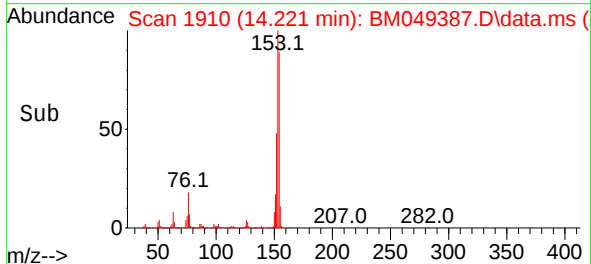
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



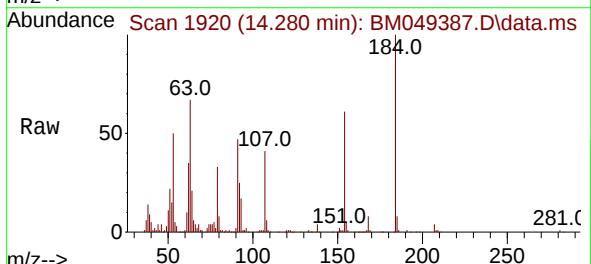
Tgt Ion:153 Resp: 127858
Ion Ratio Lower Upper
153 100
152 48.5 39.0 58.6
154 89.0 71.6 107.4

Manual Integrations
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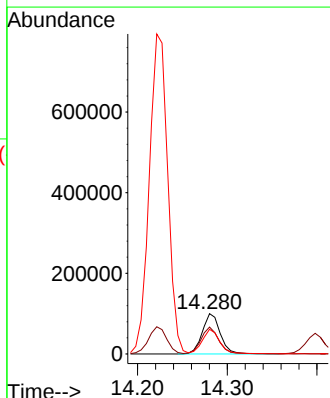
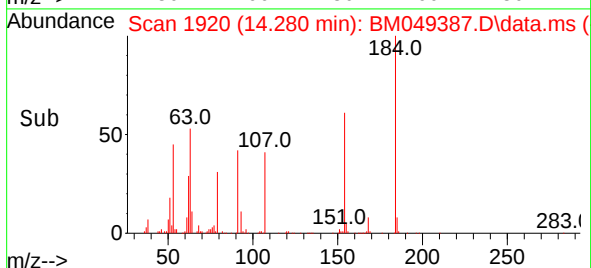
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

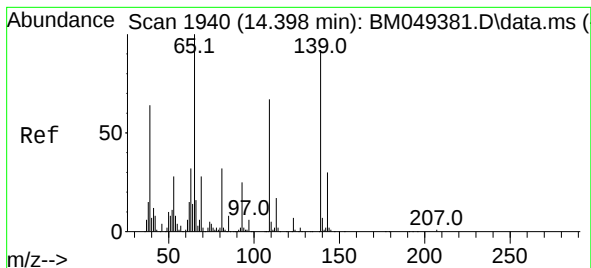


#53
2,4-Dinitrophenol
Concen: 26.131 ng/ul
RT: 14.280 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



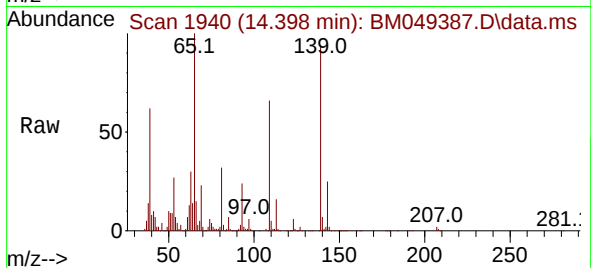
Tgt Ion:184 Resp: 139051
Ion Ratio Lower Upper
184 100
63 66.6 49.5 74.3
154 61.2 47.2 70.8





#55
4-Nitrophenol
Concen: 29.799 ng/ul
RT: 14.398 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

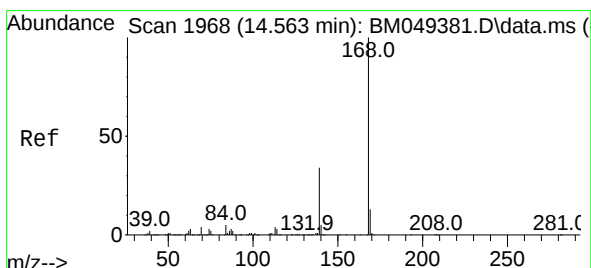
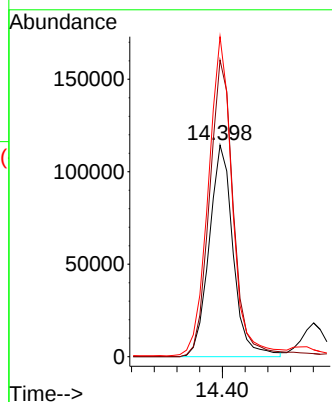
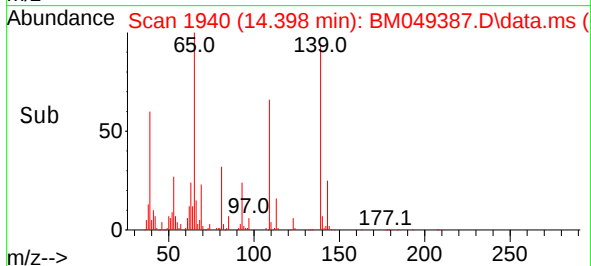
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



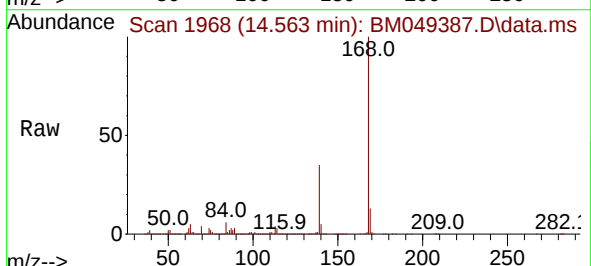
Tgt Ion:109 Resp: 167528
Ion Ratio Lower Upper
109 100
139 140.2 115.7 173.5
65 151.3 119.0 178.6

Manual Integrations
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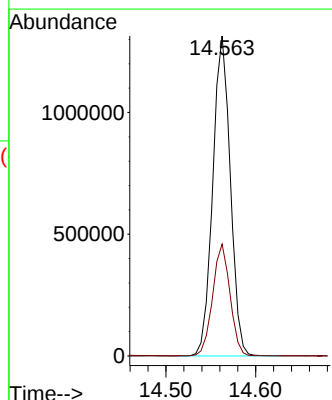
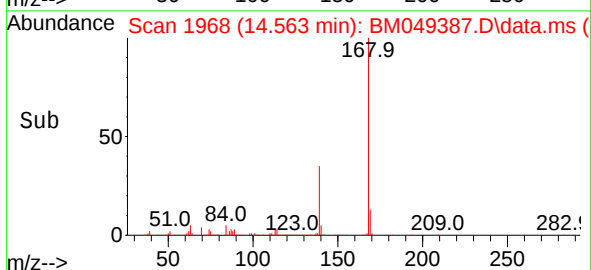
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

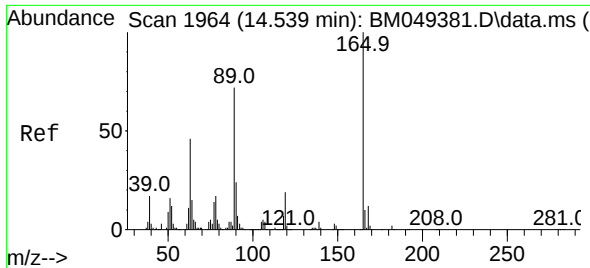


#56
Dibenzofuran
Concen: 32.678 ng/ul
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



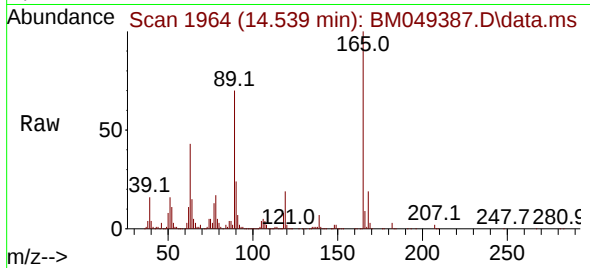
Tgt Ion:168 Resp: 1786410
Ion Ratio Lower Upper
168 100
139 35.0 27.0 40.4





#57
2,4-Dinitrotoluene
Concen: 32.035 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

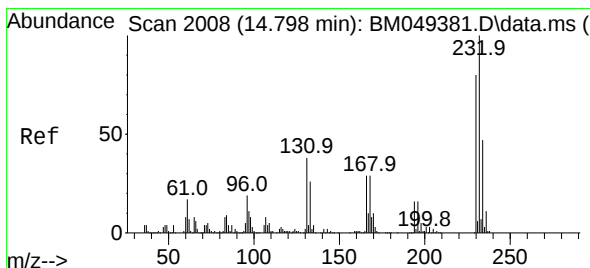
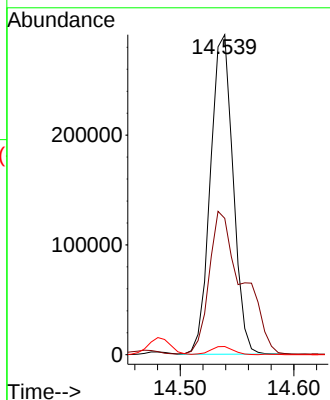
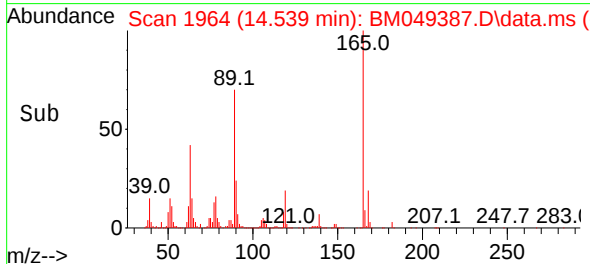
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



Tgt Ion:165 Resp: 40390
Ion Ratio Lower Upper
165 100
63 42.6 35.0 52.4
182 2.5 1.9 2.9

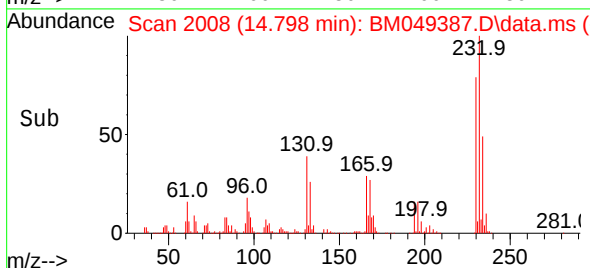
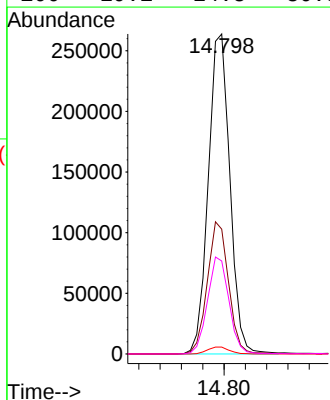
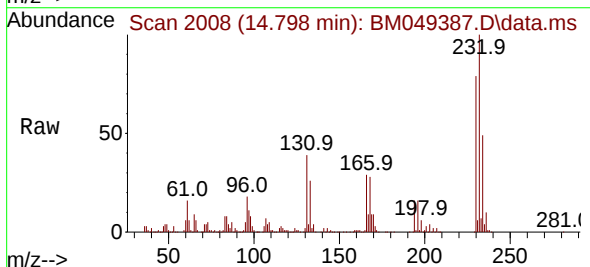
Manual Integrations
APPROVED

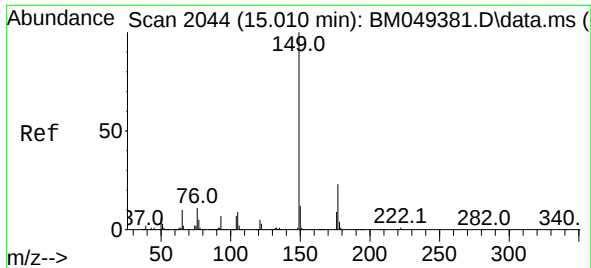
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.109 ng/ul
RT: 14.798 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Tgt Ion:232 Resp: 370969
Ion Ratio Lower Upper
232 100
131 39.0 32.3 48.5
130 2.1 1.8 2.6
166 29.1 24.3 36.5





#59

Diethylphthalate

Concen: 31.591 ng/ul

RT: 15.010 min Scan# 2044

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:149 Resp: 1402118

Ion Ratio Lower Upper

149 100

177 22.8 18.9 28.3

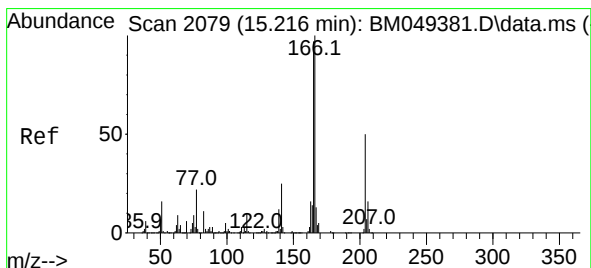
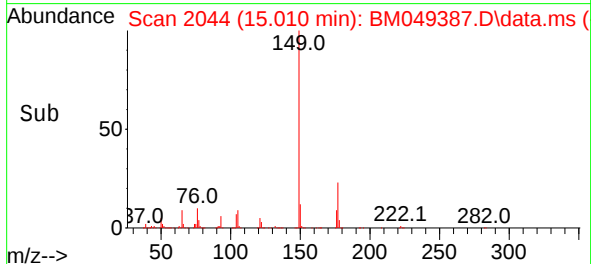
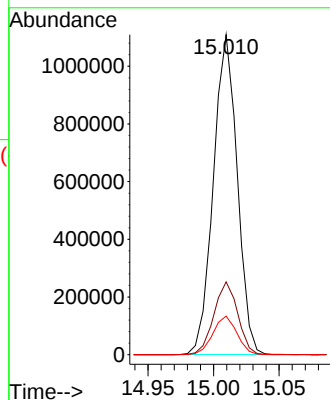
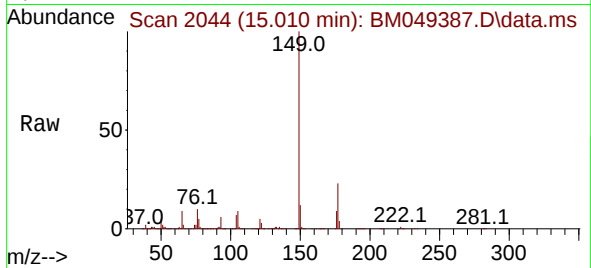
150 12.1 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#61

Fluorene

Concen: 33.176 ng/ul

RT: 15.215 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

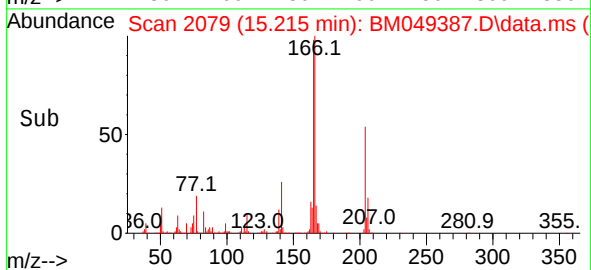
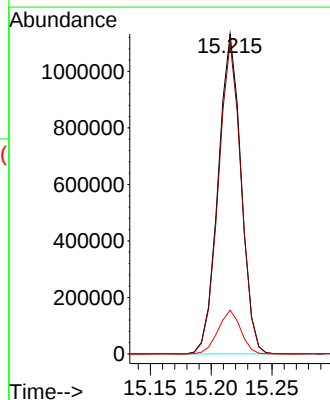
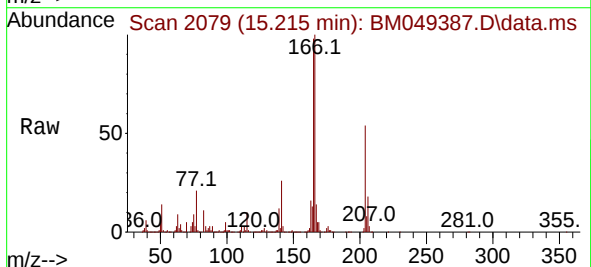
Tgt Ion:166 Resp: 1481813

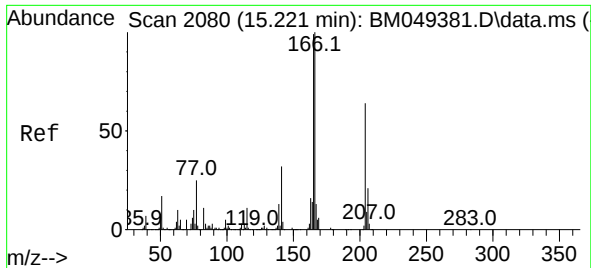
Ion Ratio Lower Upper

166 100

165 97.5 77.7 116.5

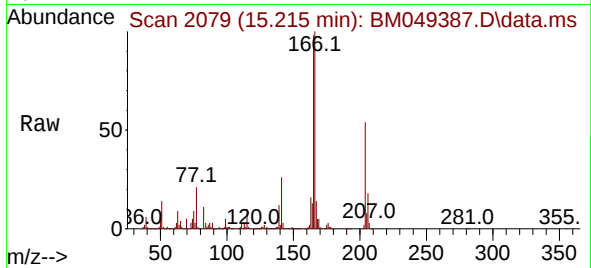
167 13.7 10.7 16.1





#62
4-Chlorophenyl-phenylether
Concen: 32.788 ng/ul
RT: 15.215 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

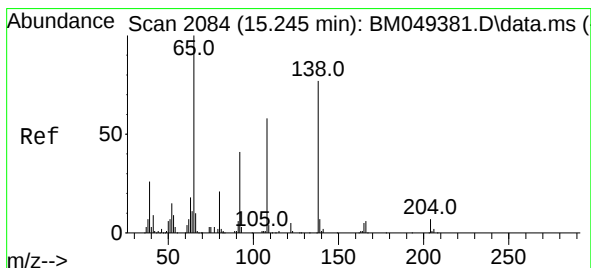
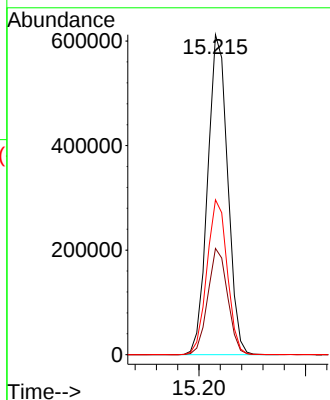
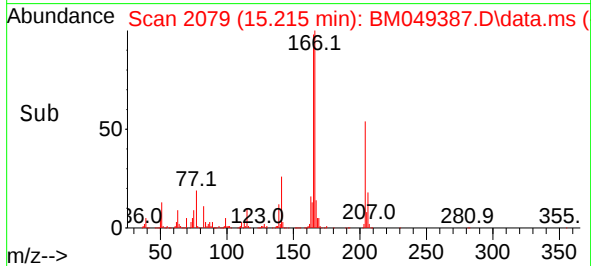
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



Tgt Ion:204 Resp: 798124
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 48.4 40.6 61.0

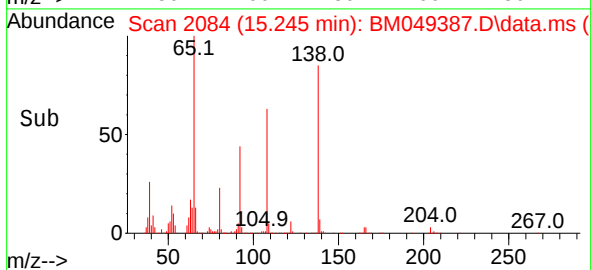
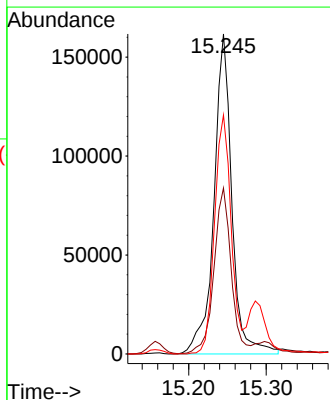
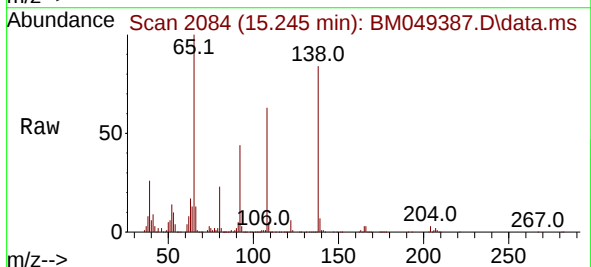
Manual Integrations
APPROVED

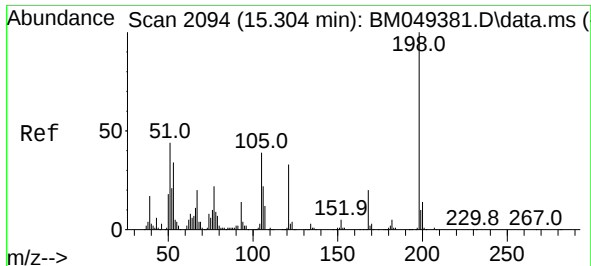
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#63
4-Nitroaniline
Concen: 34.655 ng/ul
RT: 15.245 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Tgt Ion:138 Resp: 259927
Ion Ratio Lower Upper
138 100
92 51.9 42.0 63.0
108 74.7 60.3 90.5





#66
4,6-Dinitro-2-methylphenol
Concen: 30.100 ng/ul
RT: 15.304 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

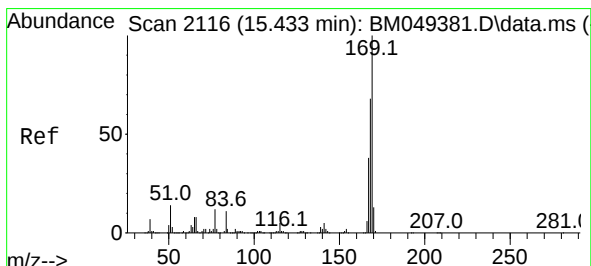
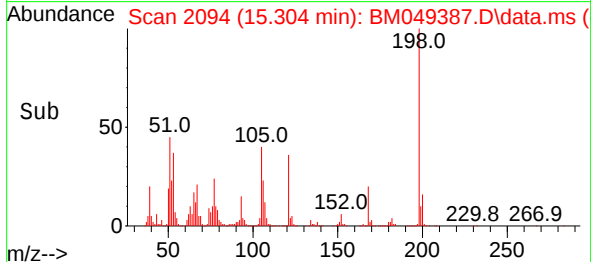
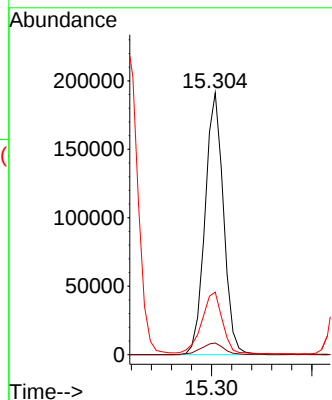
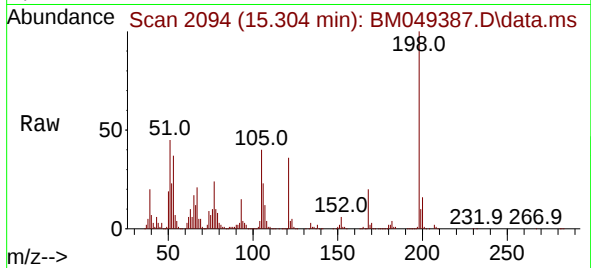
DCZH2MSD

Tgt Ion:198 Resp: 245286
Ion Ratio Lower Upper
198 100
182 4.4 3.5 5.3
77 23.9 17.0 25.6

Manual Integrations

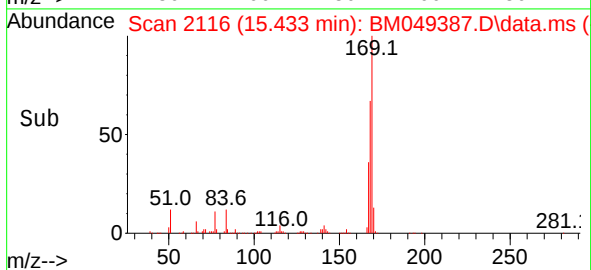
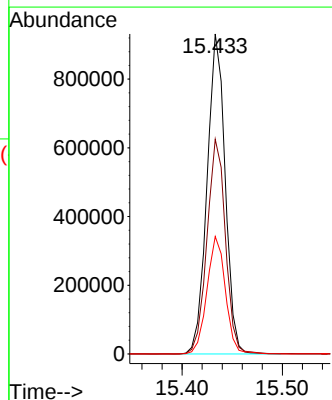
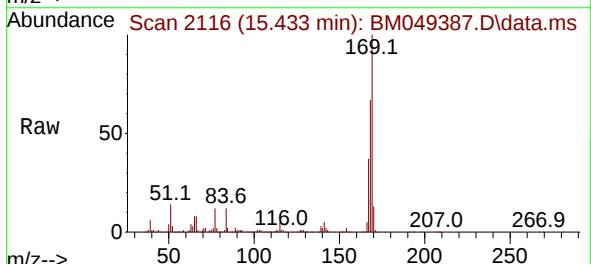
APPROVED

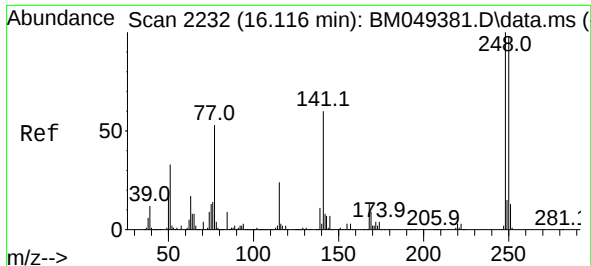
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#67
N-Nitrosodiphenylamine
Concen: 33.676 ng/ul
RT: 15.433 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

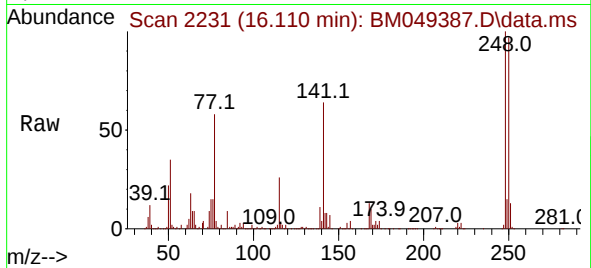
Tgt Ion:169 Resp: 1171739
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.8
167 36.7 29.7 44.5





#68
4-Bromophenyl-phenylether
Concen: 33.667 ng/ul
RT: 16.110 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

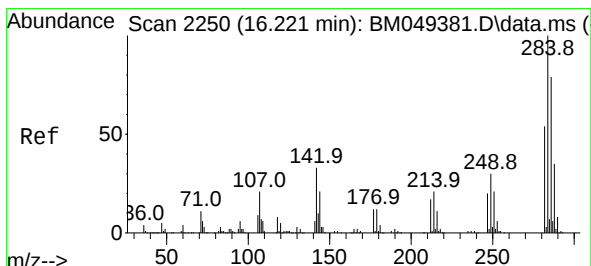
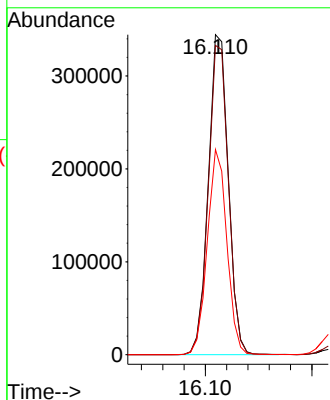
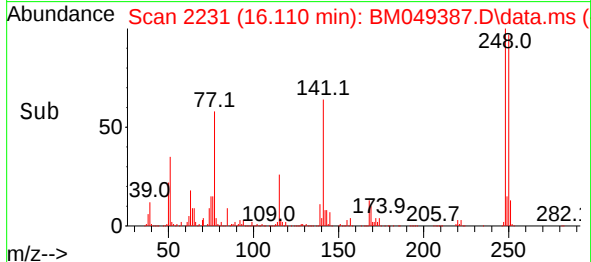
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



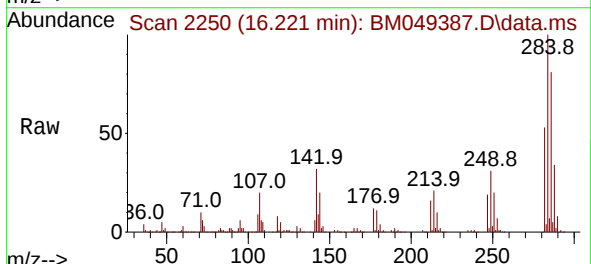
Tgt Ion:248 Resp: 44893
Ion Ratio Lower Upper
248 100
250 96.7 78.1 117.1
141 64.1 49.8 74.6

Manual Integrations
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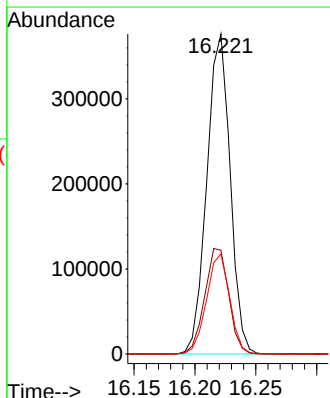
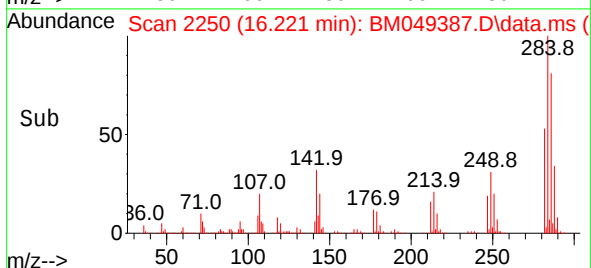
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

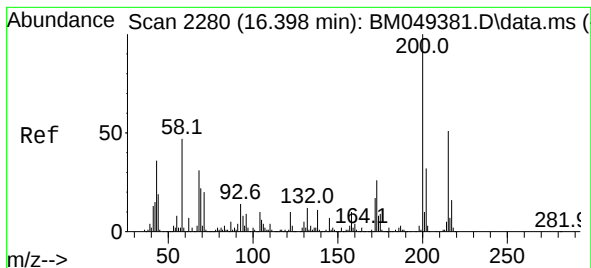


#69
Hexachlorobenzene
Concen: 32.277 ng/ul
RT: 16.221 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



Tgt Ion:284 Resp: 500569
Ion Ratio Lower Upper
284 100
142 32.4 24.3 36.5
249 31.3 24.6 37.0





#70

Atrazine

Concen: 28.608 ng/ul

RT: 16.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:200 Resp: 40696

Ion Ratio Lower Upper

200 100

173 25.1 20.2 30.2

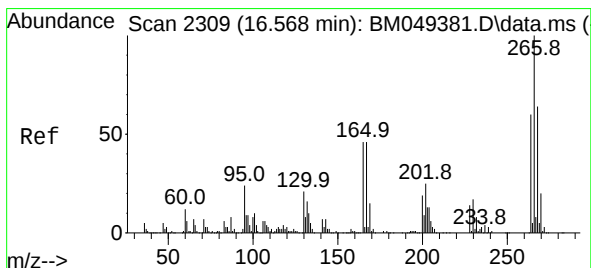
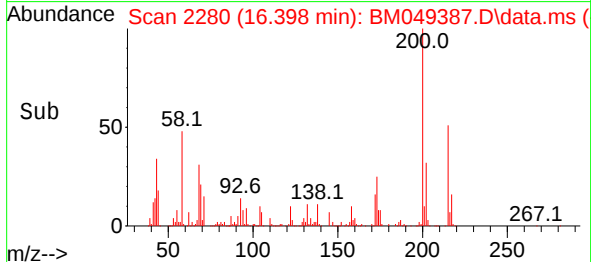
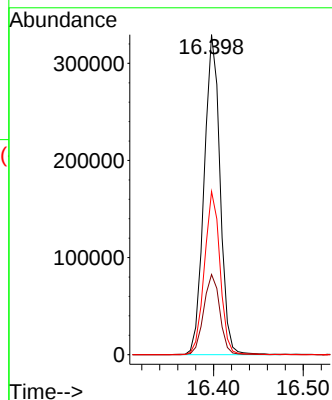
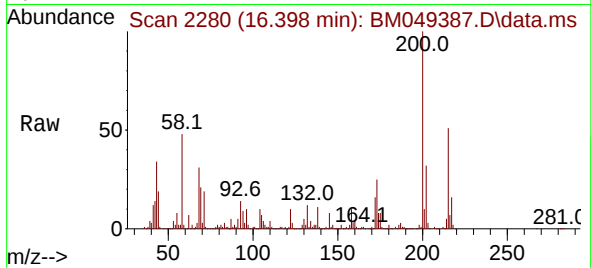
215 51.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#71

Pentachlorophenol

Concen: 28.671 ng/ul

RT: 16.568 min Scan# 2309

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

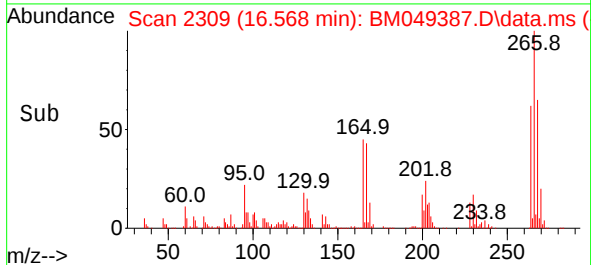
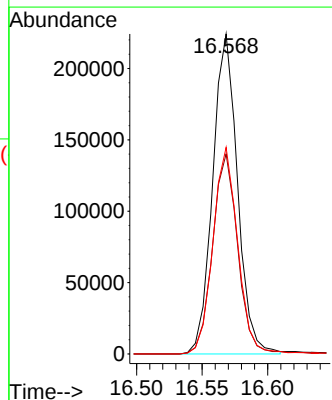
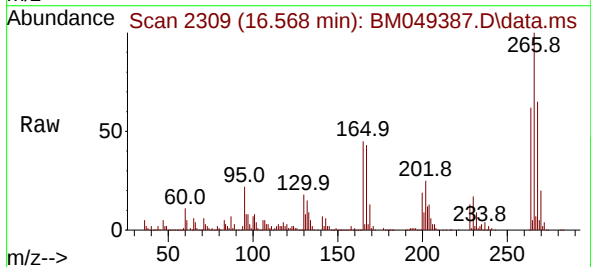
Tgt Ion:266 Resp: 294573

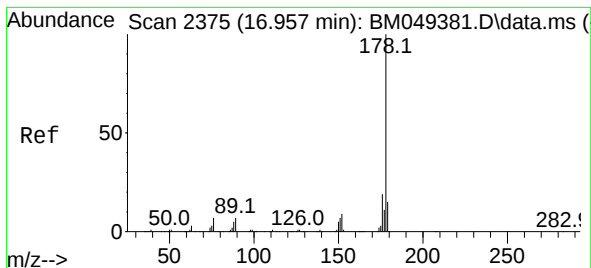
Ion Ratio Lower Upper

266 100

264 62.5 48.6 72.8

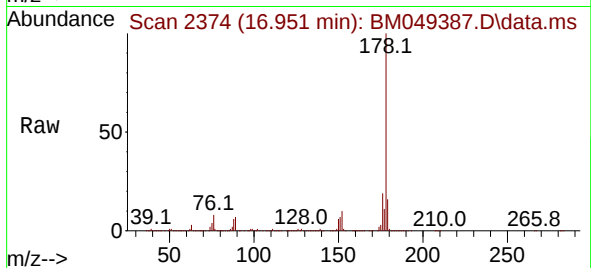
268 64.5 49.4 74.0





#72
Phenanthrene
Concen: 33.332 ng/ul
RT: 16.951 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

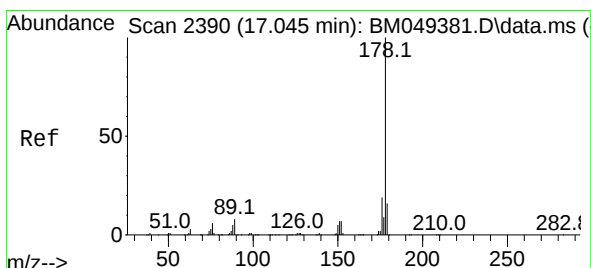
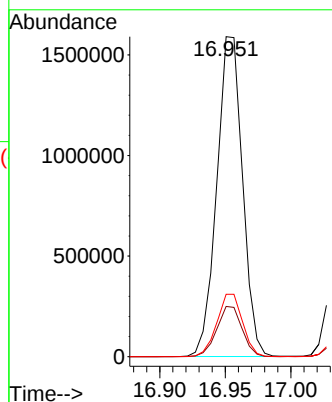
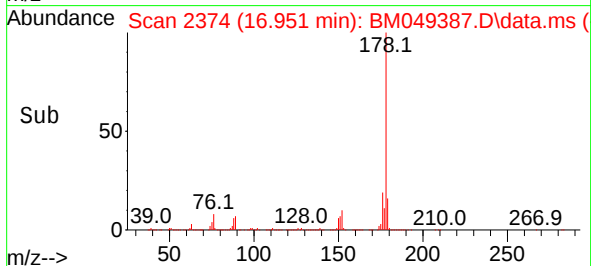
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



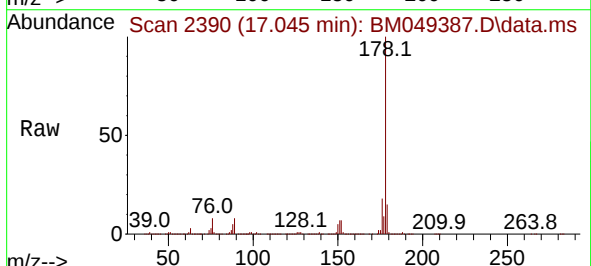
Tgt Ion:178 Resp: 2173104
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.5 15.4 23.2

Manual Integrations
APPROVED

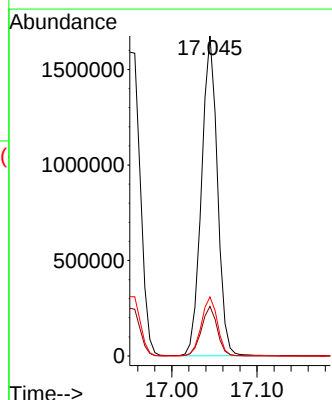
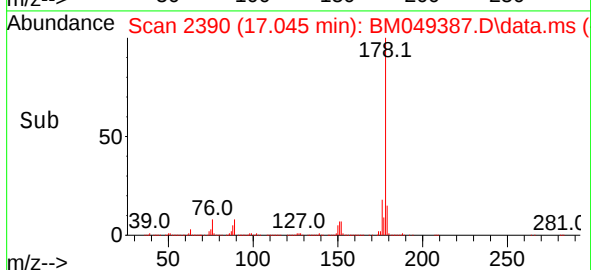
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

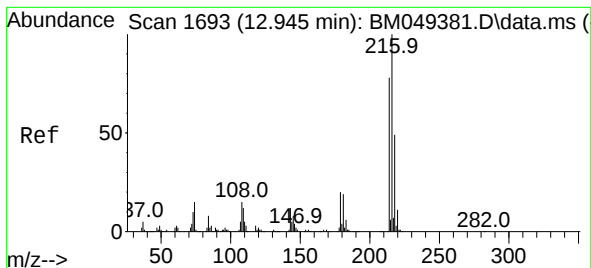


#74
Anthracene
Concen: 33.125 ng/ul
RT: 17.045 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



Tgt Ion:178 Resp: 2167624
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.5 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 35.486 ng/uL

RT: 12.945 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:216 Resp: 69549

Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.6

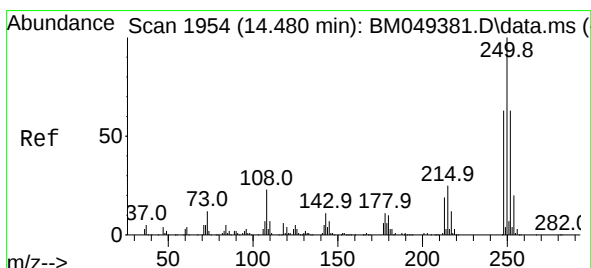
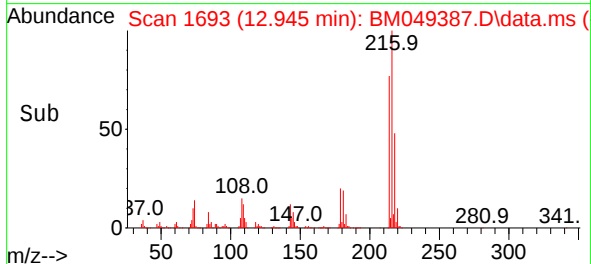
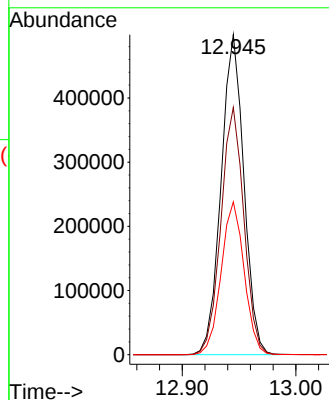
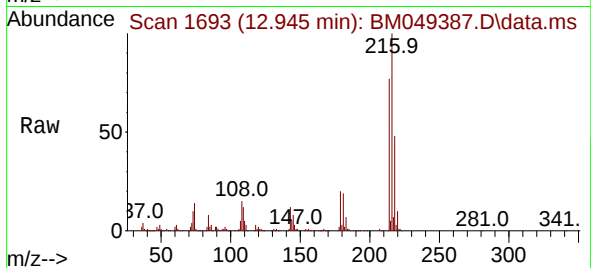
218 47.7 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#76

Pentachlorobenzene

Concen: 32.874 ng/uL

RT: 14.480 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

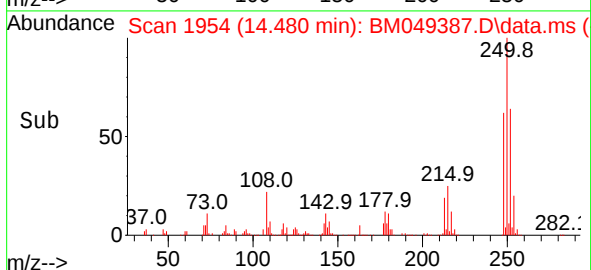
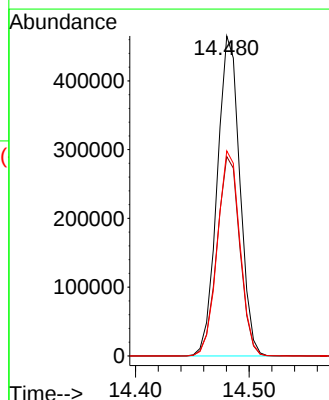
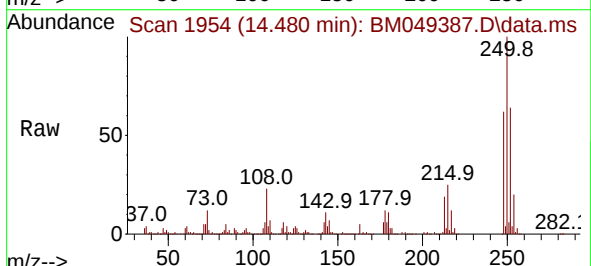
Tgt Ion:250 Resp: 643084

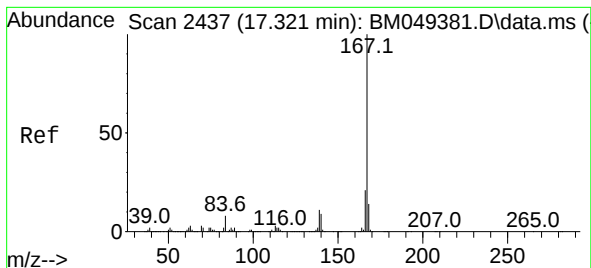
Ion Ratio Lower Upper

250 100

248 62.3 50.5 75.7

252 64.1 50.5 75.7





#77

Carbazole

Concen: 32.259 ng/ul

RT: 17.321 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:167 Resp: 1872950

Ion Ratio Lower Upper

167 100

166 21.2 16.7 25.1

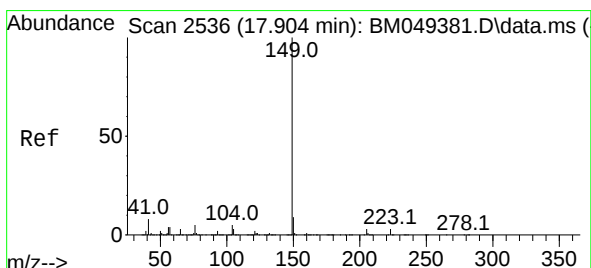
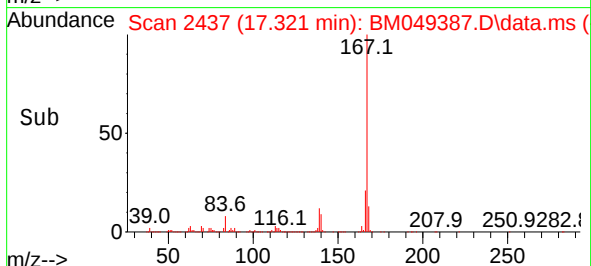
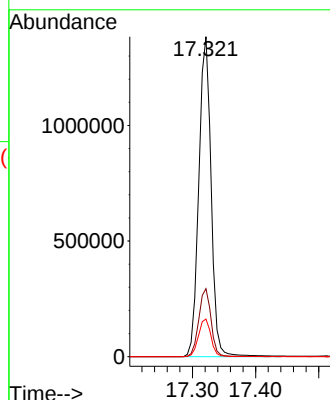
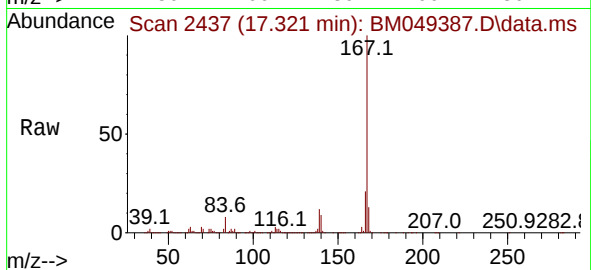
139 11.7 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#78

Di-n-butylphthalate

Concen: 33.121 ng/ul

RT: 17.904 min Scan# 2536

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

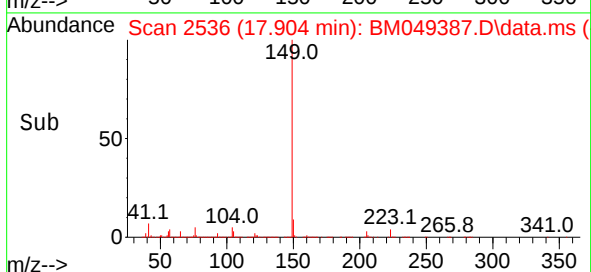
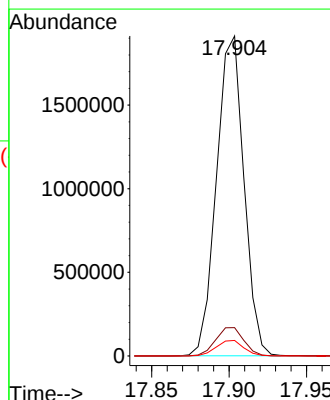
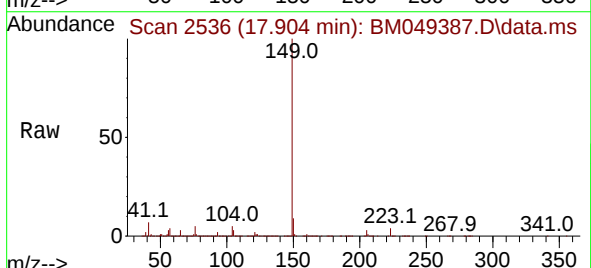
Tgt Ion:149 Resp: 2356160

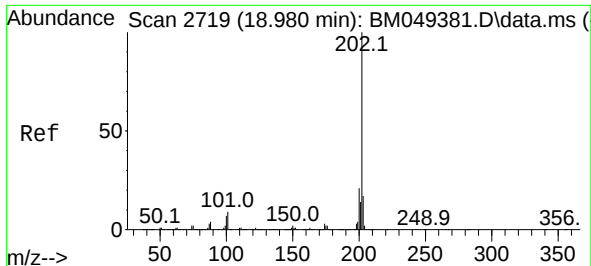
Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

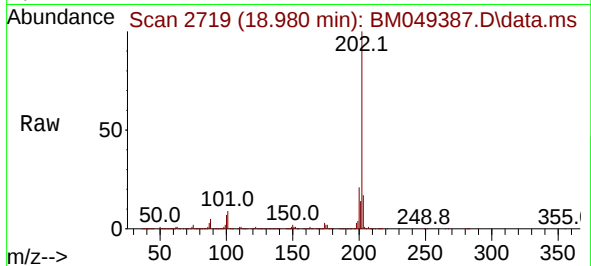
104 4.8 3.7 5.5





#80
Fluoranthene
Concen: 32.449 ng/ul
RT: 18.980 min Scan# 2719
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

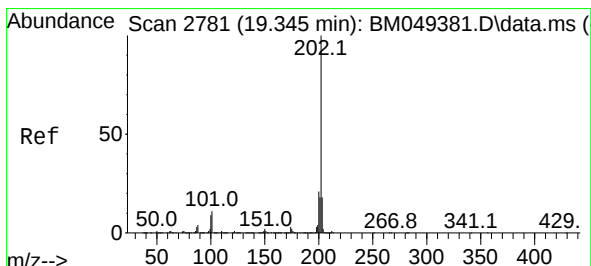
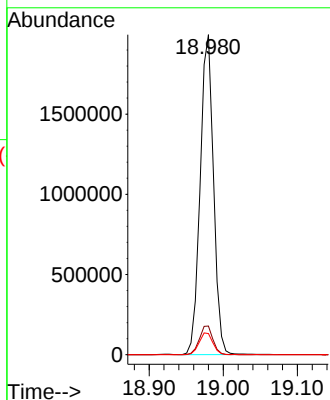
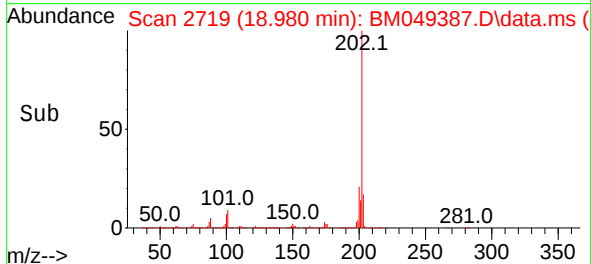
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



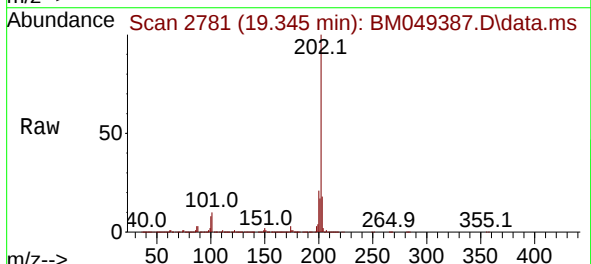
Tgt Ion:202 Resp: 2505292
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.4
100 6.6 5.0 7.6

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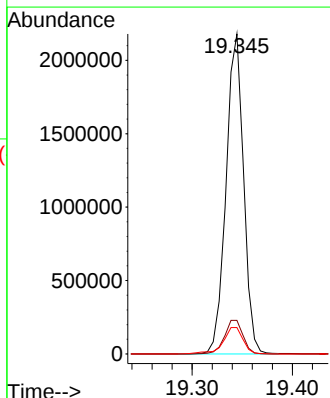
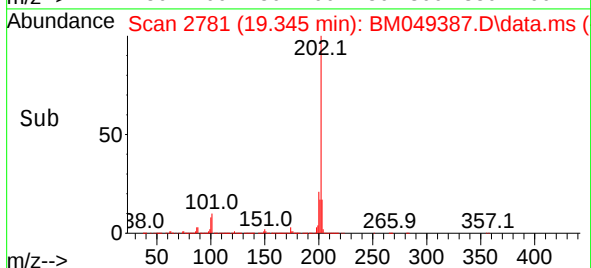
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

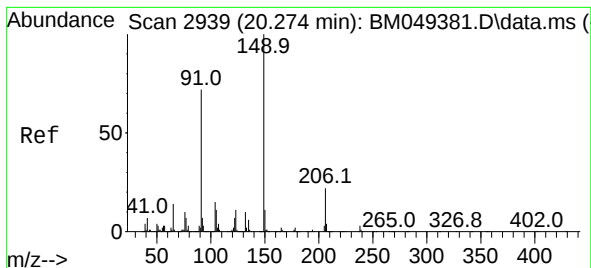


#82
Pyrene
Concen: 32.203 ng/ul
RT: 19.345 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30



Tgt Ion:202 Resp: 2646596
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.8
100 8.2 6.6 10.0





#83

Butylbenzylphthalate

Concen: 32.290 ng/ul

RT: 20.268 min Scan# 2939

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:149 Resp: 93951

Ion Ratio Lower Upper

149 100

91 73.2 57.0 85.4

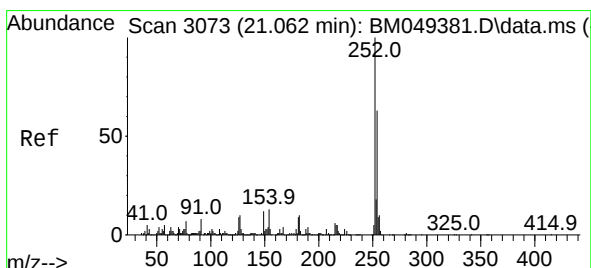
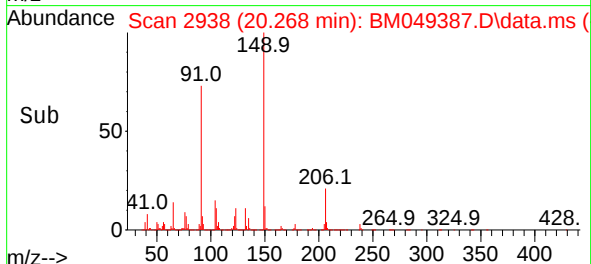
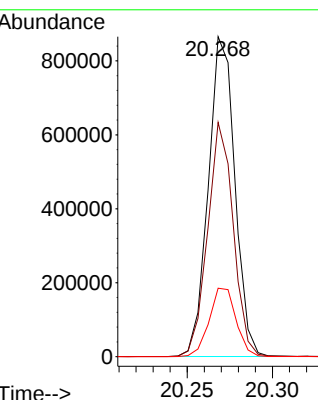
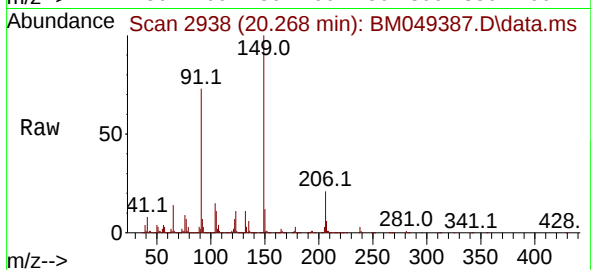
206 21.4 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#84

3,3'-Dichlorobenzidine

Concen: 28.909 ng/ul

RT: 21.056 min Scan# 3072

Delta R.T. -0.012 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

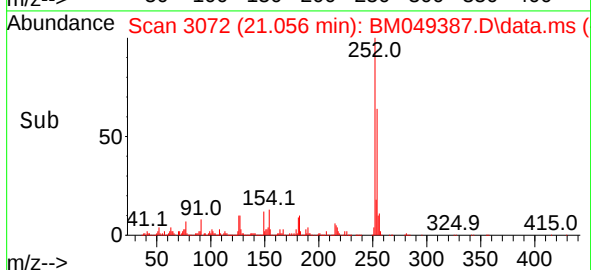
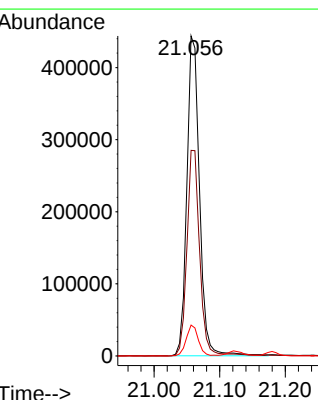
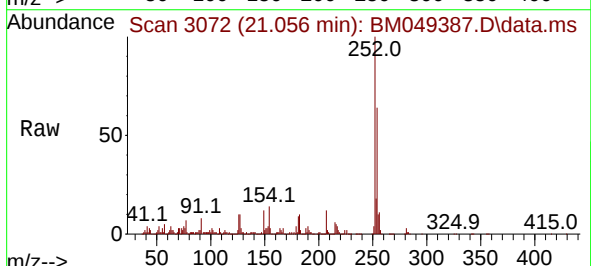
Tgt Ion:252 Resp: 597660

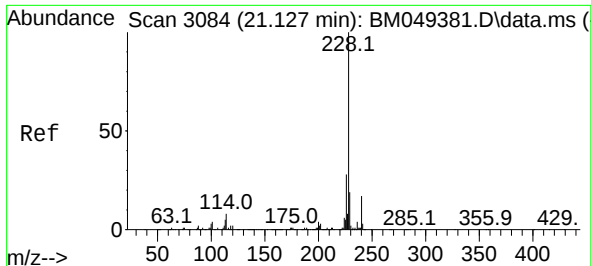
Ion Ratio Lower Upper

252 100

254 64.3 52.1 78.1

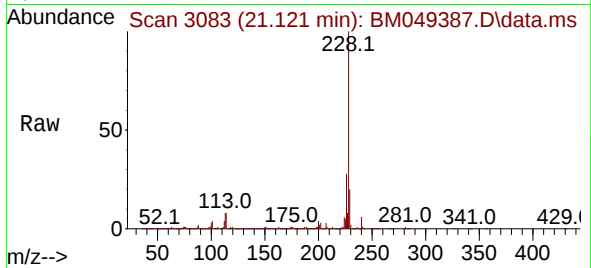
126 9.7 7.0 10.6





#85
Benzo(a)anthracene
Concen: 32.589 ng/ul
RT: 21.121 min Scan# 3084
Delta R.T. -0.012 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

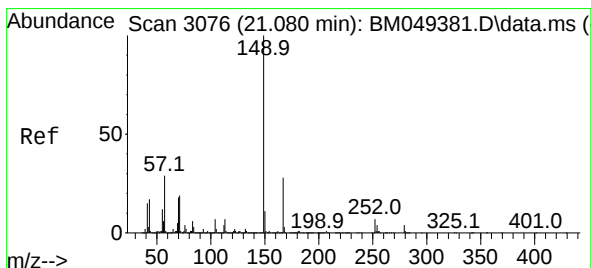
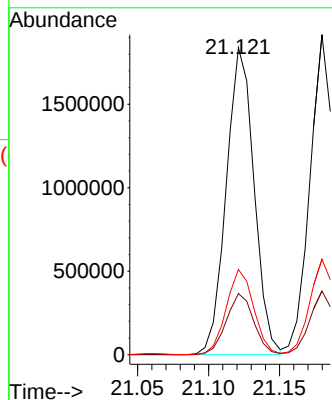
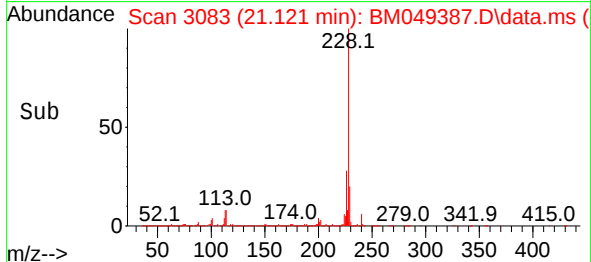
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD



Tgt Ion:228 Resp: 2507394
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 27.7 22.1 33.1

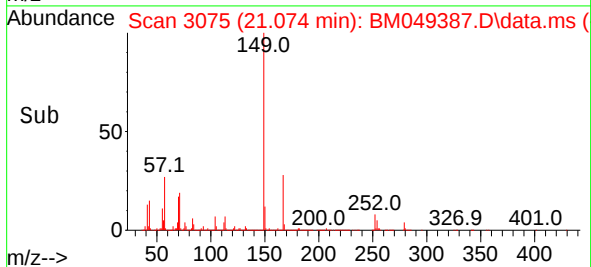
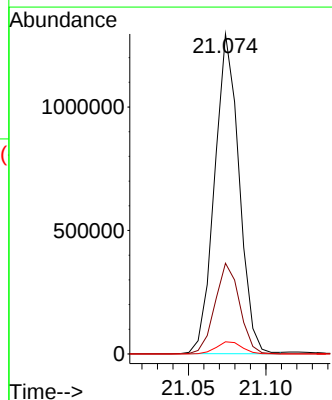
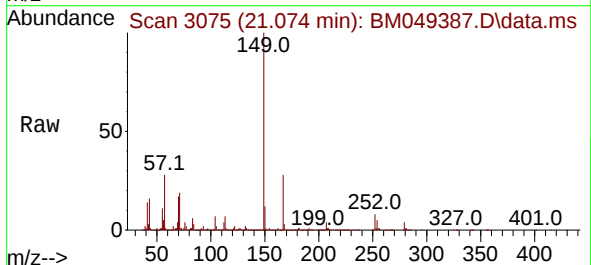
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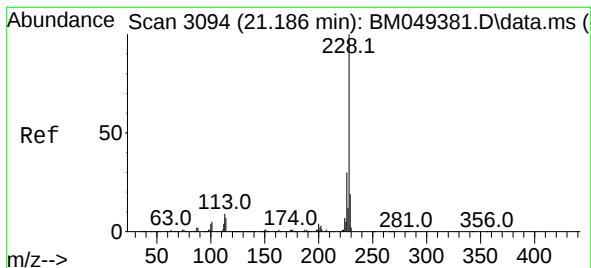
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#86
Bis(2-ethylhexyl)phthalate
Concen: 32.923 ng/ul
RT: 21.074 min Scan# 3075
Delta R.T. -0.012 min
Lab File: BM049387.D
Acq: 22 Jan 2025 17:30

Tgt Ion:149 Resp: 1424692
Ion Ratio Lower Upper
149 100
167 28.3 23.0 34.4
279 3.8 3.7 5.5





#87

Chrysene

Concen: 33.198 ng/ul

RT: 21.180 min Scan# 3094

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:228 Resp: 233180

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

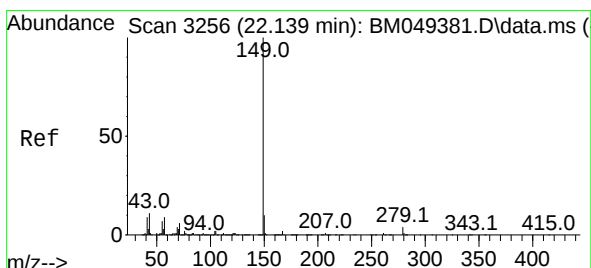
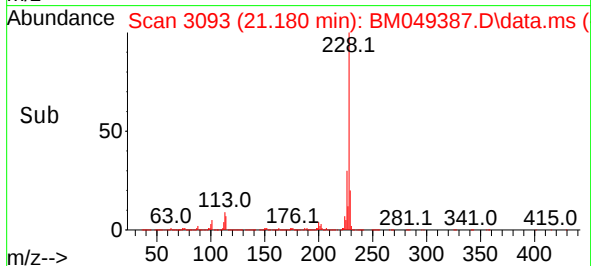
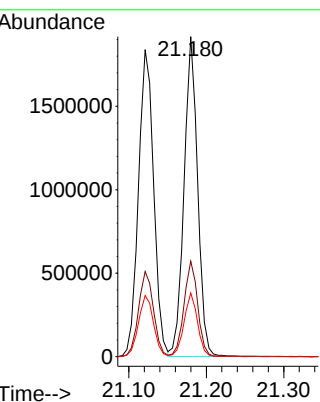
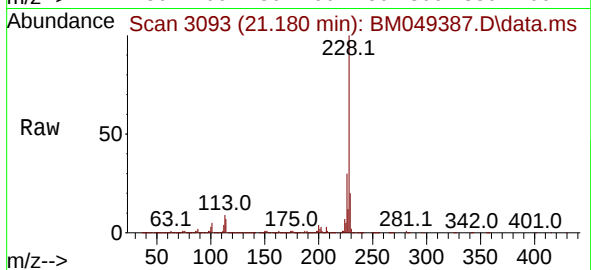
229 19.9 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#89

Di-n-octyl phthalate

Concen: 29.246 ng/ul

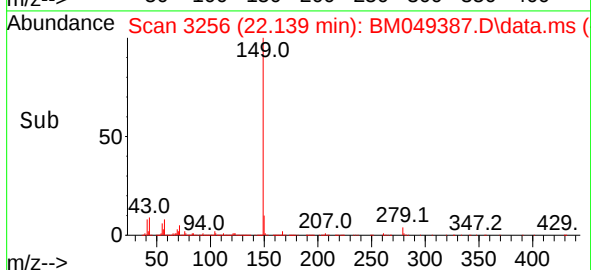
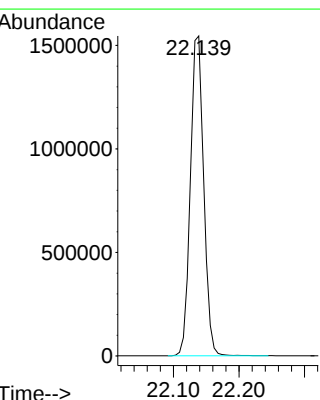
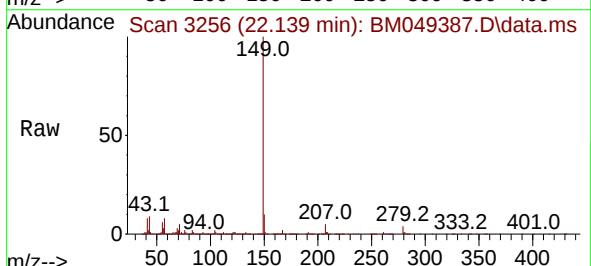
RT: 22.139 min Scan# 3256

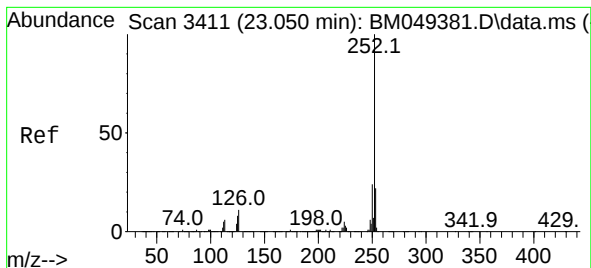
Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Tgt Ion:149 Resp: 2186908





#90

Benzo(b)fluoranthene

Concen: 32.436 ng/ul

RT: 23.044 min Scan# 3411

Delta R.T. -0.012 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:252 Resp: 222849

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

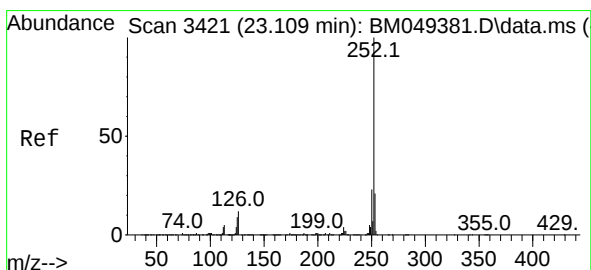
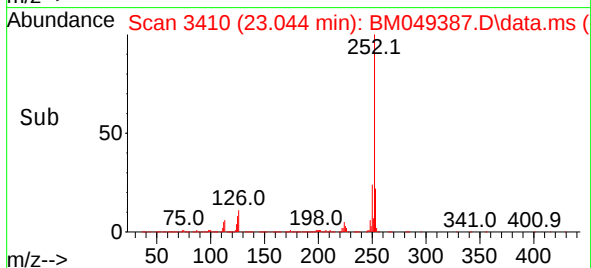
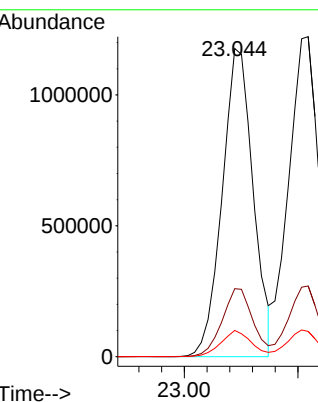
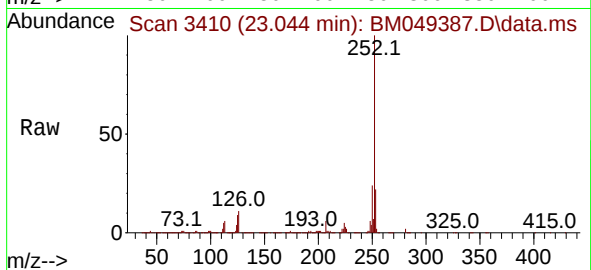
125 8.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#91

Benzo(k)fluoranthene

Concen: 33.641 ng/ul

RT: 23.109 min Scan# 3421

Delta R.T. -0.006 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

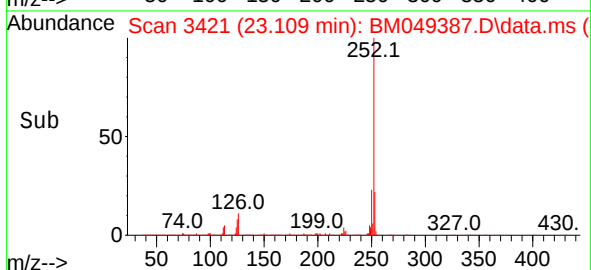
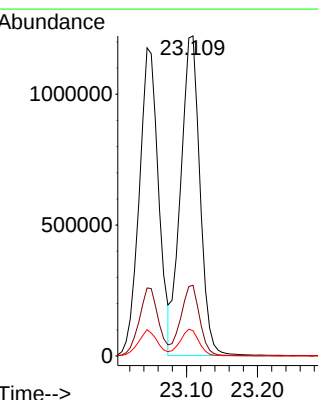
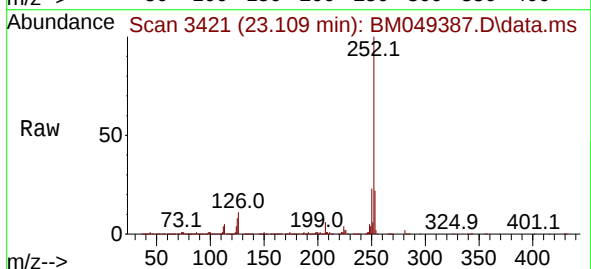
Tgt Ion:252 Resp: 2304487

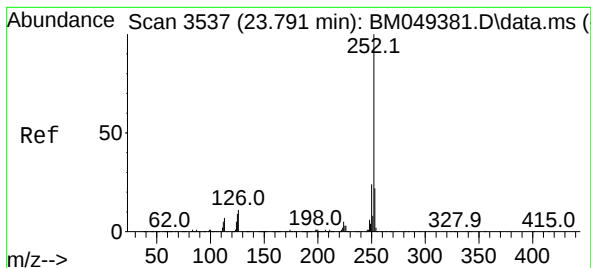
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 7.9 6.5 9.7





#93

Benzo(a)pyrene

Concen: 33.166 ng/ul

RT: 23.791 min Scan# 3537

Delta R.T. -0.006 min

Lab File: BM049387.D

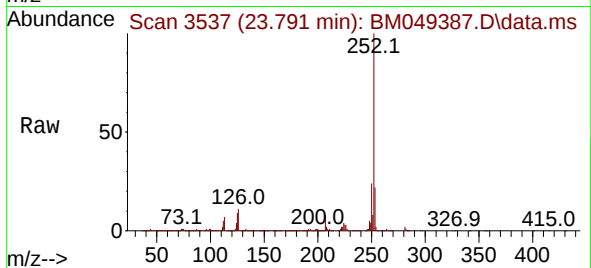
Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD



Tgt Ion:252 Resp: 205819

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

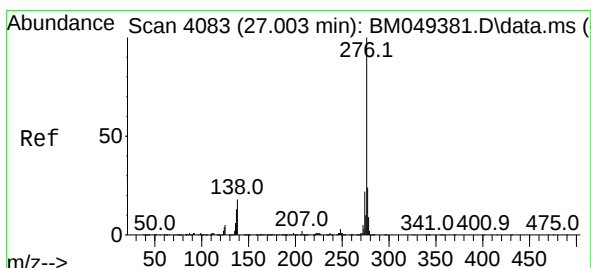
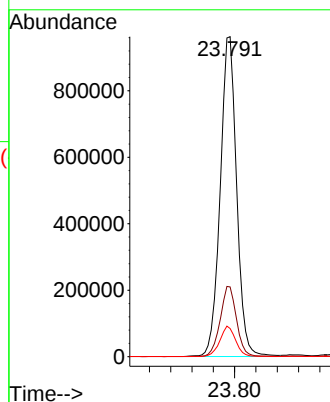
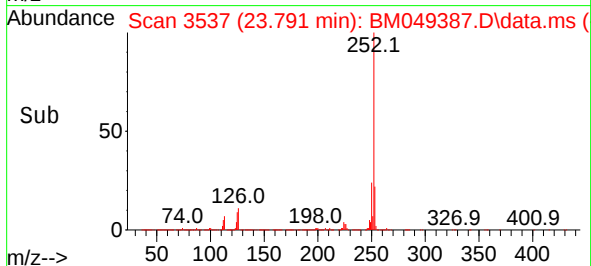
125 8.8 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.434 ng/ul

RT: 27.003 min Scan# 4083

Delta R.T. -0.018 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

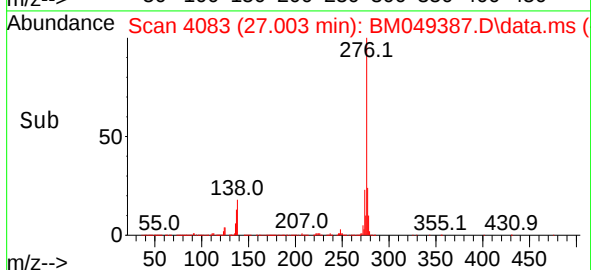
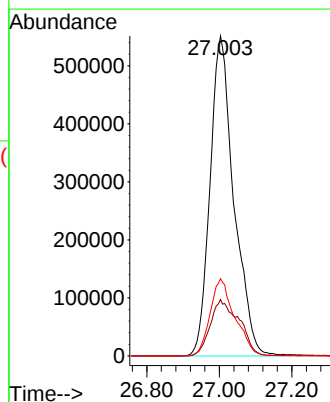
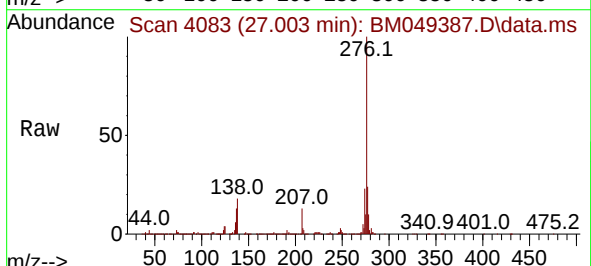
Tgt Ion:276 Resp: 2522441

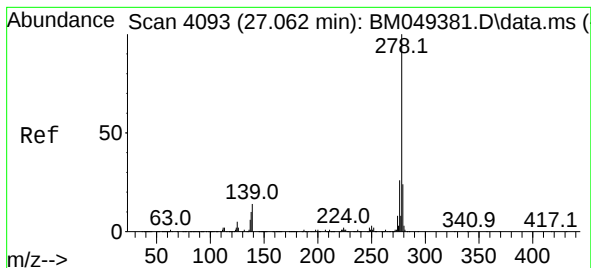
Ion Ratio Lower Upper

276 100

138 17.6 13.4 20.0

277 24.2 19.1 28.7





#95

Dibenzo(a,h)anthracene

Concen: 35.495 ng/ul

RT: 27.056 min Scan# 4093

Delta R.T. -0.018 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Instrument :

BNA_M

ClientSampleId :

DCZH2MSD

Tgt Ion:278 Resp: 205803

Ion Ratio Lower Upper

278 100

139 13.6 9.9 14.9

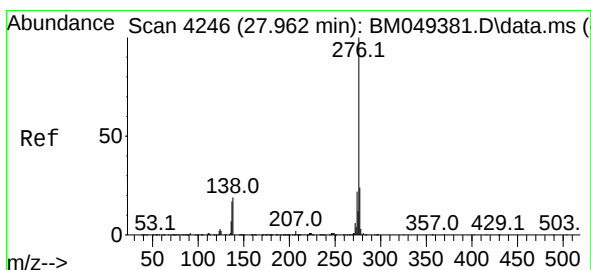
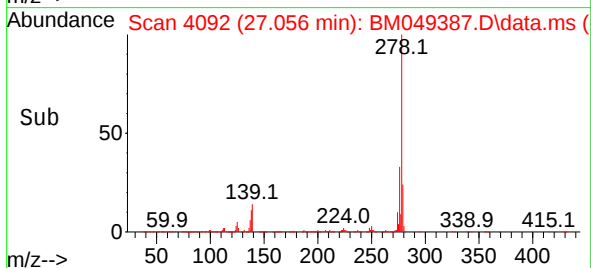
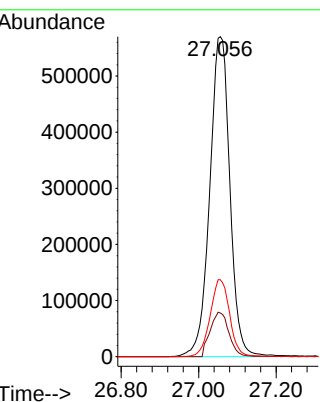
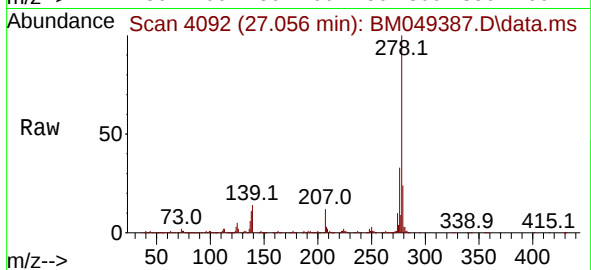
279 24.0 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#96

Benzo(g,h,i)perylene

Concen: 36.186 ng/ul

RT: 27.962 min Scan# 4246

Delta R.T. -0.018 min

Lab File: BM049387.D

Acq: 22 Jan 2025 17:30

Tgt Ion:276 Resp: 1922965

Ion Ratio Lower Upper

276 100

138 19.1 14.1 21.1

277 23.6 19.4 29.0

