

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
 Data File : BM050014.D
 Acq On : 23 Apr 2025 15:16
 Operator : RC/JU
 Sample : Q1852-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

72-12013MSD

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025

Quant Time: Apr 23 16:11:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 09 04:00:55 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	270803	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	919060	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	576233	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1111719	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1219355	20.000	ng	0.00
86) Perylene-d12	24.403	264	1284687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1556338	97.590	ng	0.00
7) Phenol-d6	6.952	99	1924323	96.983	ng	0.00
23) Nitrobenzene-d5	8.922	82	1131619	68.564	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	891584	106.375	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2707705	63.719	ng	-0.02
79) Terphenyl-d14	19.780	244	4108760	63.148	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	242569	36.933	ng	99
3) Pyridine	3.652	79	671063	38.889	ng	99
4) n-Nitrosodimethylamine	3.558	42	285346	43.452	ng	97
6) Aniline	7.093	93	407327	23.958	ng	100
8) 2-Chlorophenol	7.334	128	737994	45.156	ng	99
9) Benzaldehyde	6.905	77	364941	35.841	ng	98
10) Phenol	6.975	94	871077	44.987	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	693552	45.676	ng	99
12) 1,3-Dichlorobenzene	7.652	146	863101	44.669	ng	99
13) 1,4-Dichlorobenzene	7.799	146	865444	44.514	ng	98
14) 1,2-Dichlorobenzene	8.116	146	835026	45.599	ng	98
15) Benzyl Alcohol	8.010	79	574377	45.971	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	812956	48.035	ng	100
17) 2-Methylphenol	8.222	107	559369	46.879	ng	99
18) Hexachloroethane	8.840	117	303265	44.835	ng	96
19) n-Nitroso-di-n-propyla...	8.569	70	495907	45.126	ng	99
20) 3+4-Methylphenols	8.551	107	742289	45.630	ng	99
22) Acetophenone	8.587	105	992832	44.450	ng	# 98
24) Nitrobenzene	8.963	77	718816	45.230	ng	98
25) Isophorone	9.493	82	1331485	48.158	ng	100
26) 2-Nitrophenol	9.675	139	380169	45.133	ng	99
27) 2,4-Dimethylphenol	9.746	122	614402	64.363	ng	98
28) bis(2-Chloroethoxy)met...	9.969	93	834864	45.103	ng	98
29) 2,4-Dichlorophenol	10.222	162	704612	44.405	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	838235	45.664	ng	100
31) Naphthalene	10.604	128	2046492	43.335	ng	100
32) Benzoic acid	9.910	122	460222m	40.515	ng	
33) 4-Chloroaniline	10.728	127	231030	13.854	ng	98
34) Hexachlorobutadiene	10.893	225	537419	47.330	ng	99
35) Caprolactam	11.516	113	192849	42.375	ng	96
36) 4-Chloro-3-methylphenol	11.869	107	609438	43.847	ng	98
37) 2-Methylnaphthalene	12.222	142	1317219	39.588	ng	100
38) 1-Methylnaphthalene	12.445	142	1381472	42.617	ng	99
40) 1,2,4,5-Tetrachloroben...	12.598	216	927904	46.028	ng	99
41) Hexachlorocyclopentadiene	12.575	237	905237	128.149	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	596596	46.507	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 09 04:00:55 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	638670	45.814	ng	100
46) 1,1'-Biphenyl	13.239	154	1912166	44.640	ng	100
47) 2-Chloronaphthalene	13.281	162	1520531	45.163	ng	99
48) 2-Nitroaniline	13.492	65	366638	47.072	ng	96
49) Acenaphthylene	14.128	152	2362755	48.178	ng	99
50) Dimethylphthalate	13.869	163	1794372	44.139	ng	99
51) 2,6-Dinitrotoluene	13.986	165	393074	46.150	ng	99
52) Acenaphthene	14.475	154	1368281	43.862	ng	99
53) 3-Nitroaniline	14.322	138	176879	21.487	ng	96
54) 2,4-Dinitrophenol	14.539	184	259414	45.484	ng	98
55) Dibenzofuran	14.810	168	2238964	42.934	ng	99
56) 4-Nitrophenol	14.663	139	660843	90.085	ng	99
57) 2,4-Dinitrotoluene	14.786	165	552838	48.654	ng	94
58) Fluorene	15.457	166	1839953	44.387	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	544449	44.560	ng	98
60) Diethylphthalate	15.233	149	1748483	44.850	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1004403	45.194	ng	100
62) 4-Nitroaniline	15.486	138	357323	41.974	ng	97
63) Azobenzene	15.745	77	1667726	49.966	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	212409	30.320	ng	96
66) n-Nitrosodiphenylamine	15.669	169	1537908	46.226	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	606925	47.028	ng	97
68) Hexachlorobenzene	16.469	284	696413	47.045	ng	99
69) Atrazine	16.622	200	563607	65.337	ng	99
70) Pentachlorophenol	16.816	266	987653	90.624	ng	99
71) Phenanthrene	17.198	178	2829185	46.419	ng	100
72) Anthracene	17.286	178	2900234	48.286	ng	99
73) Carbazole	17.563	167	2619834	46.309	ng	100
74) Di-n-butylphthalate	18.121	149	3014992	46.270	ng	99
75) Fluoranthene	19.215	202	3536949	47.198	ng	99
77) Benzidine	19.404	184	1402740	86.715	ng	100
78) Pyrene	19.580	202	3715192	44.210	ng	99
80) Butylbenzylphthalate	20.474	149	1375415	43.558	ng	99
81) Benzo(a)anthracene	21.380	228	3893781	48.049	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	814630	26.619	ng	100
83) Chrysene	21.445	228	3590117	46.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2022532	43.962	ng	99
85) Di-n-octyl phthalate	22.427	149	3412440	42.399	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	4536229	47.370	ng	99
88) Benzo(b)fluoranthene	23.456	252	3839997	46.802	ng	99
89) Benzo(k)fluoranthene	23.515	252	3781835	47.564	ng	100
90) Benzo(a)pyrene	24.262	252	3584913	49.723	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	3693540	46.826	ng	99
92) Benzo(g,h,i)perylene	28.856	276	3499678	43.419	ng	99

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

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Manual Integrations

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025

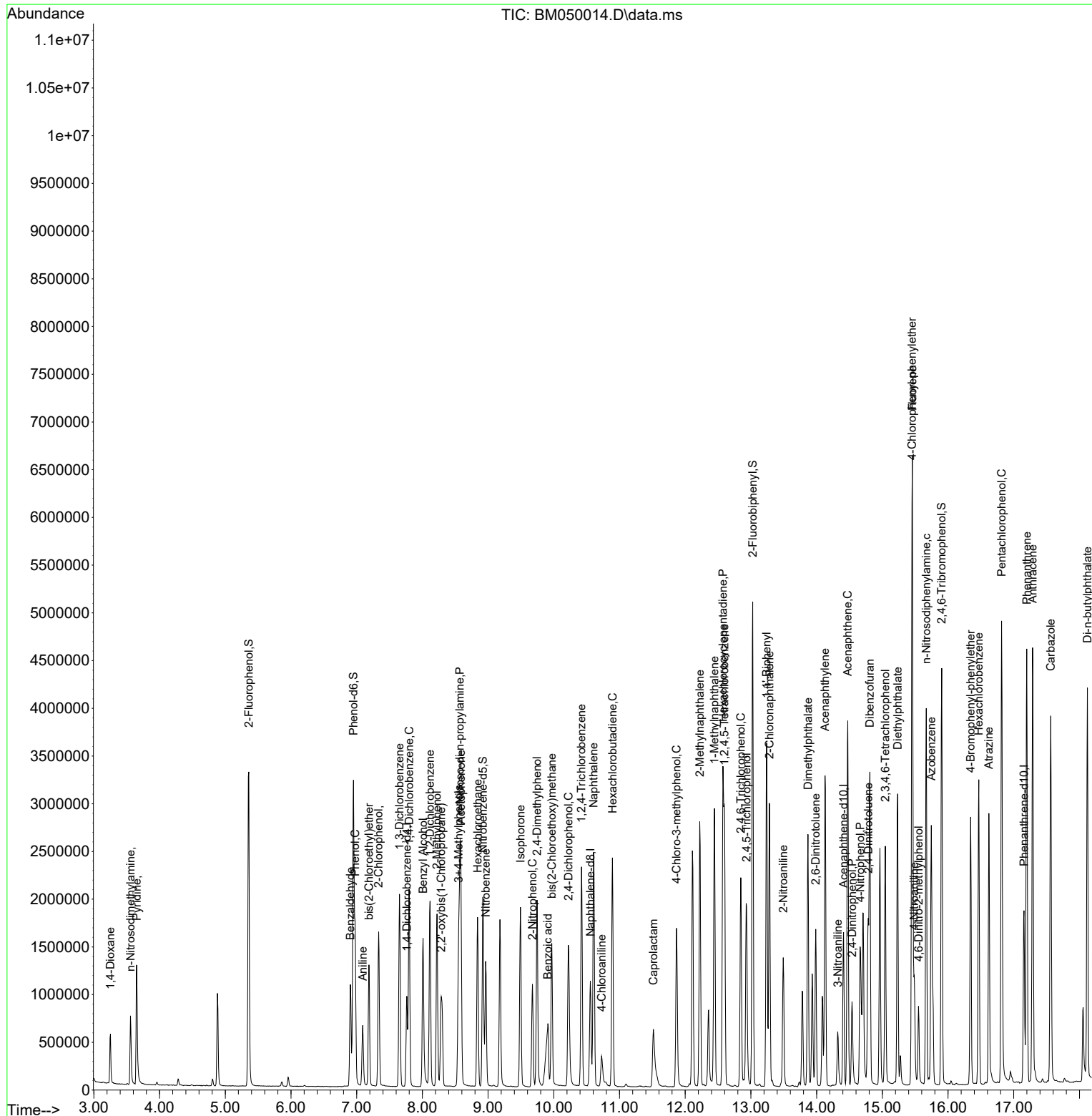
Quant Time: Apr 23 16:11:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M

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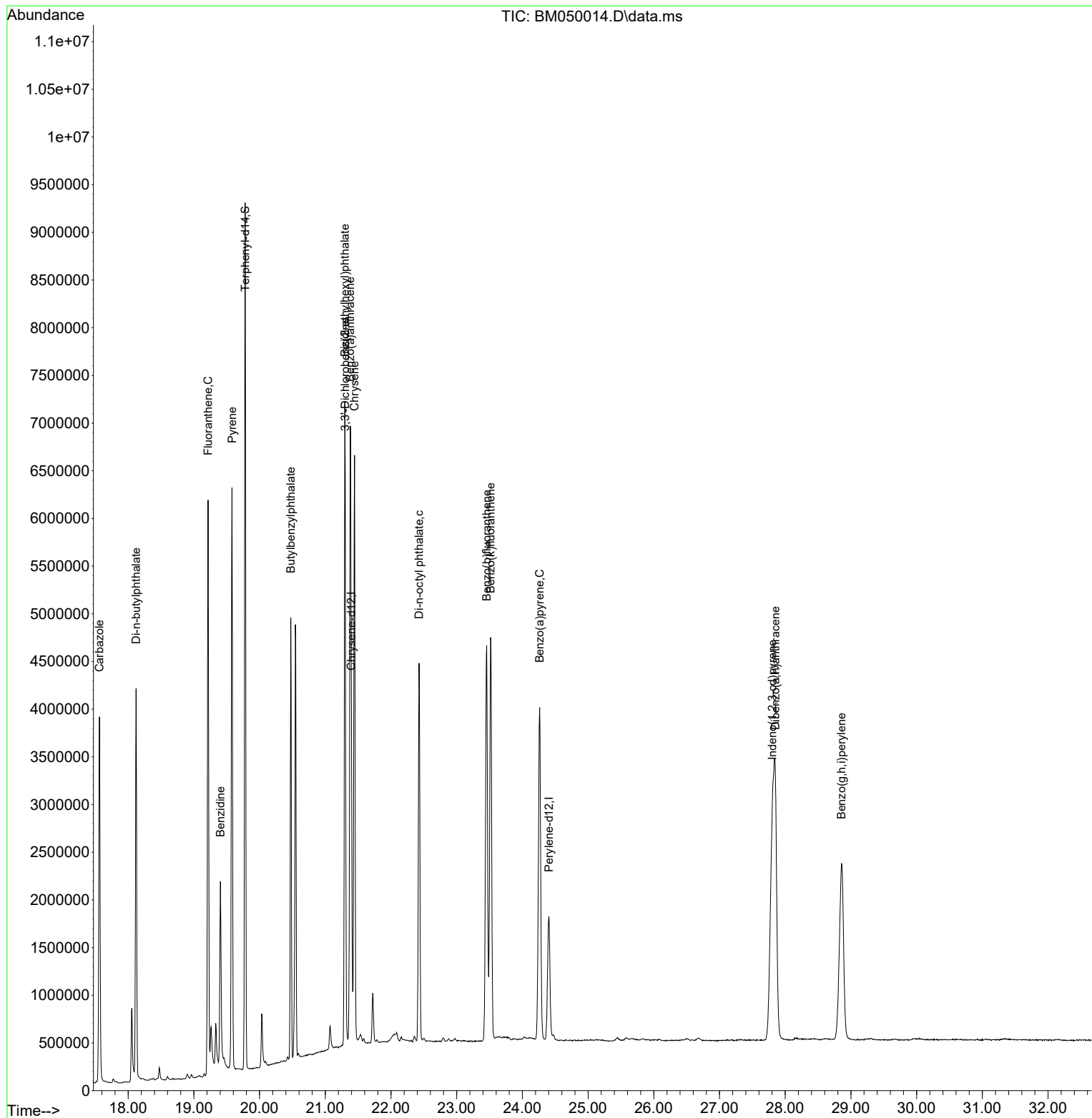
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
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ALS Vial : 9 Sample Multiplier: 1

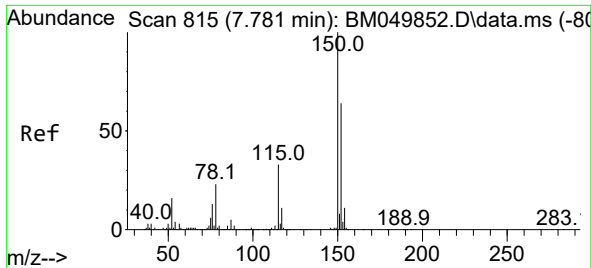
Instrument :
BNA_M
ClientSampleId :
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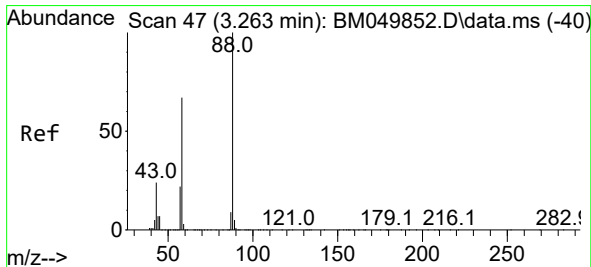
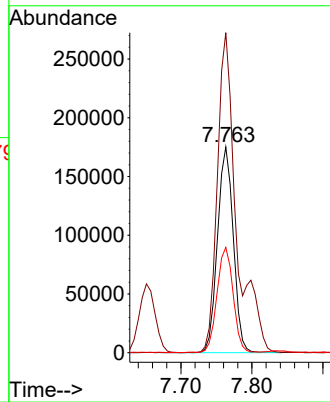
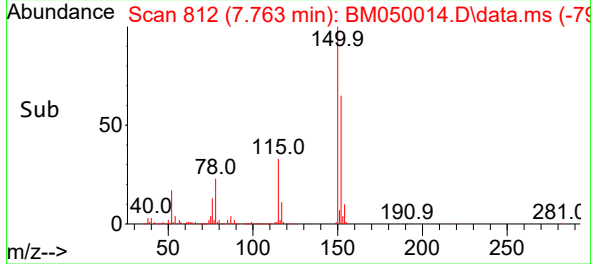
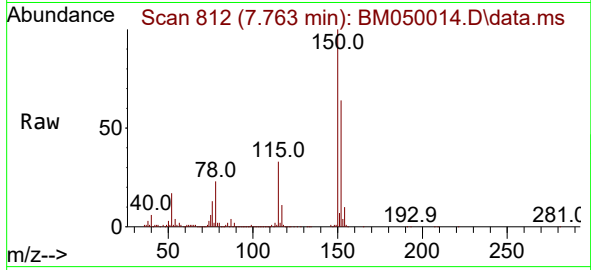
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Instrument :
BNA_M
ClientSampleId :
72-12013MSD

Tgt Ion:152 Resp: 27080
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 51.1 41.1 61.7

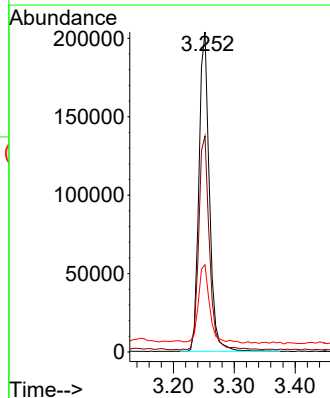
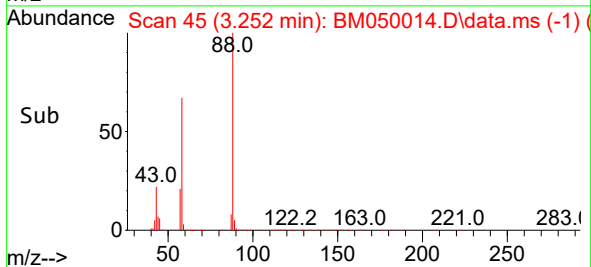
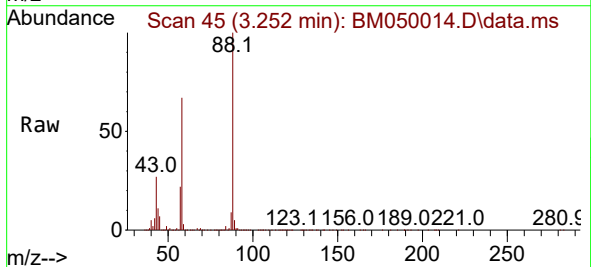
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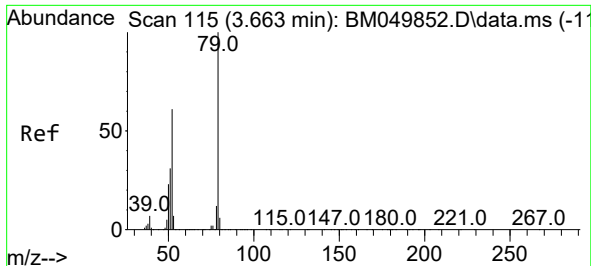
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#2
1,4-Dioxane
Concen: 36.933 ng
RT: 3.252 min Scan# 45
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

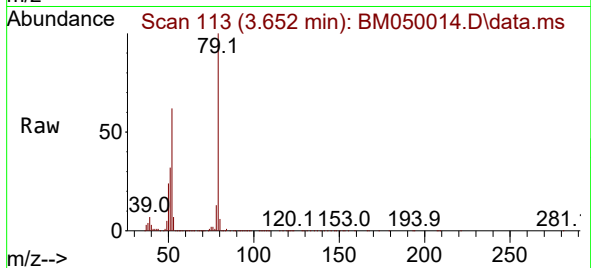
Tgt Ion: 88 Resp: 242569
Ion Ratio Lower Upper
88 100
58 68.6 54.1 81.1
43 24.8 20.2 30.4





#3
Pyridine
Concen: 38.889 ng
RT: 3.652 min Scan# 115
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

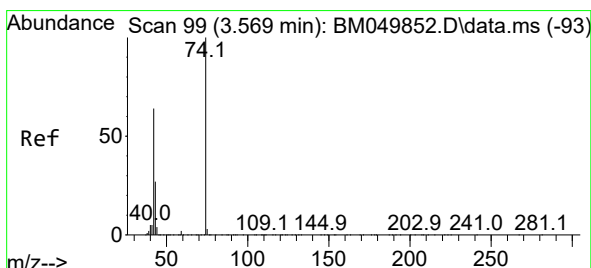
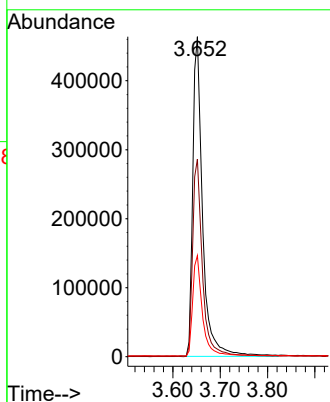
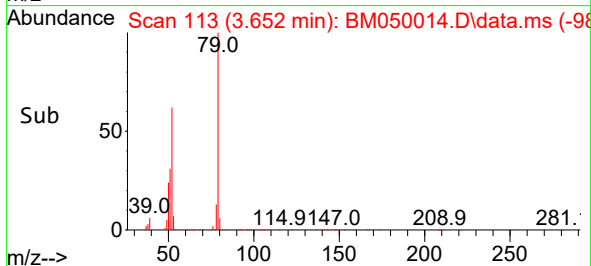
Instrument :
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72-12013MSD



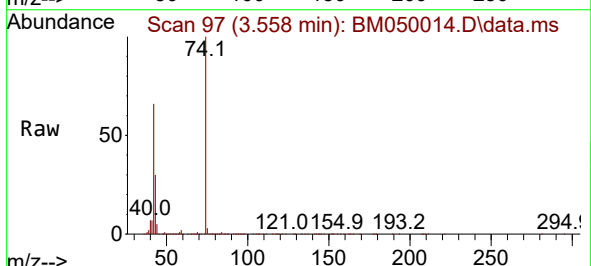
Tgt Ion: 79 Resp: 671063
Ion Ratio Lower Upper
79 100
52 61.7 48.9 73.3
51 31.6 25.0 37.6

Manual Integrations
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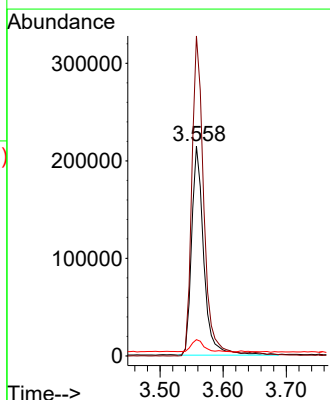
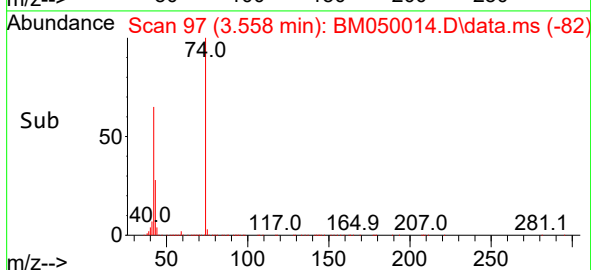
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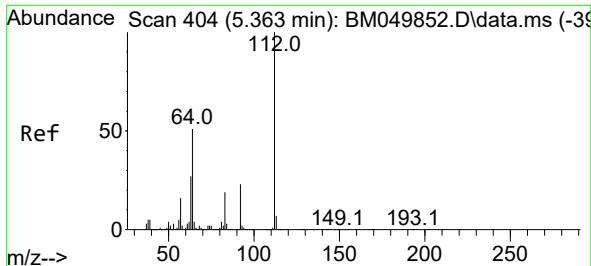


#4
n-Nitrosodimethylamine
Concen: 43.452 ng
RT: 3.558 min Scan# 97
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



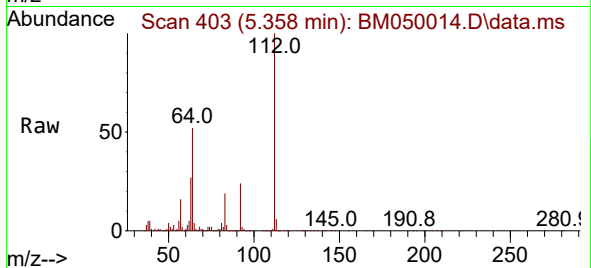
Tgt Ion: 42 Resp: 285346
Ion Ratio Lower Upper
42 100
74 152.5 125.4 188.2
44 7.8 5.9 8.9





#5
2-Fluorophenol
Concen: 97.590 ng
RT: 5.358 min Scan# 404
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

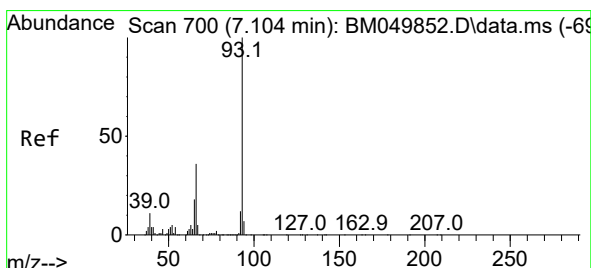
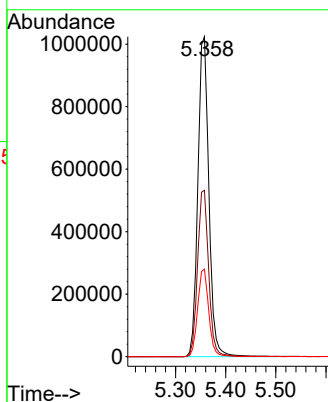
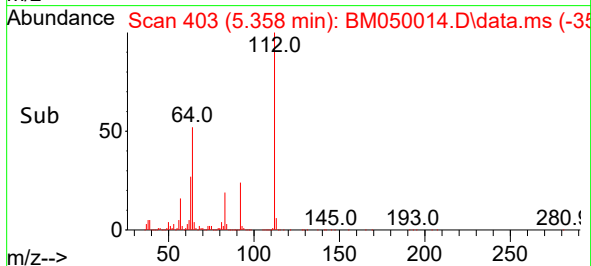
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Tgt Ion:112 Resp: 1556338
Ion Ratio Lower Upper
112 100
64 52.0 41.0 61.6
63 27.4 21.5 32.3

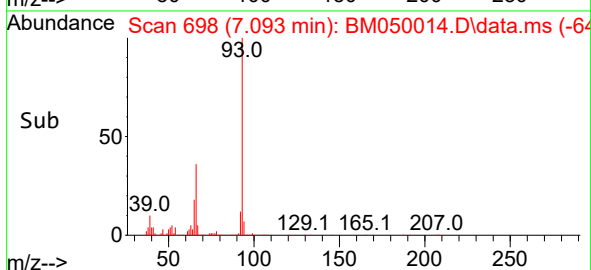
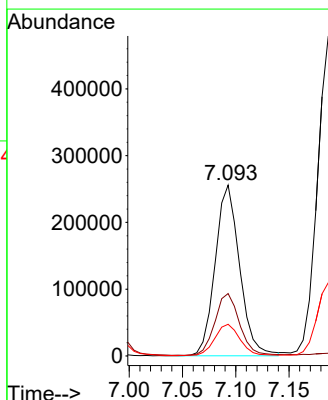
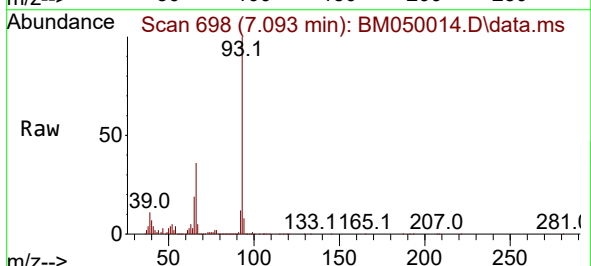
Manual Integrations
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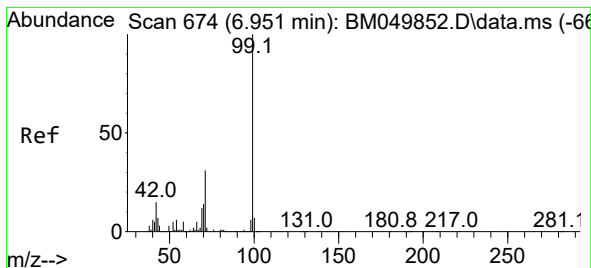
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#6
Aniline
Concen: 23.958 ng
RT: 7.093 min Scan# 698
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

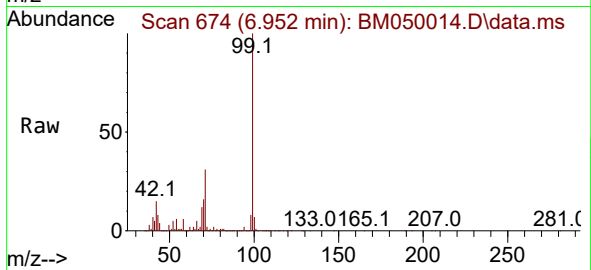
Tgt Ion: 93 Resp: 407327
Ion Ratio Lower Upper
93 100
66 36.5 29.1 43.7
65 18.5 14.9 22.3





#7
Phenol-d6
Concen: 96.983 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

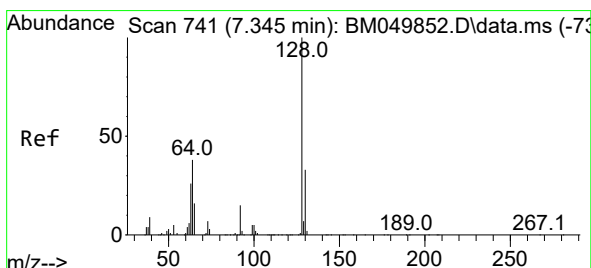
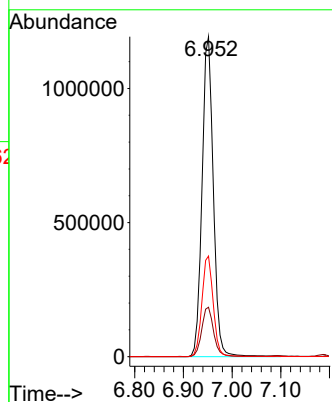
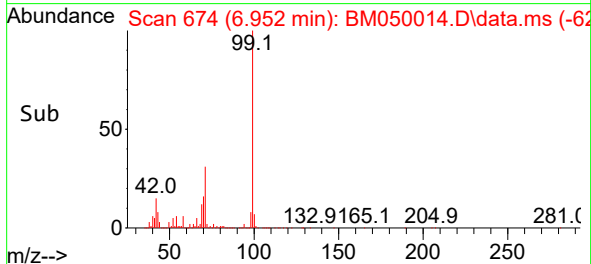
Instrument :
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Tgt Ion: 99 Resp: 192432
Ion Ratio Lower Upper
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42 15.4 12.1 18.1
71 31.5 24.9 37.3

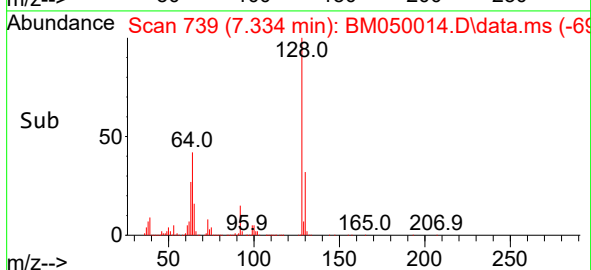
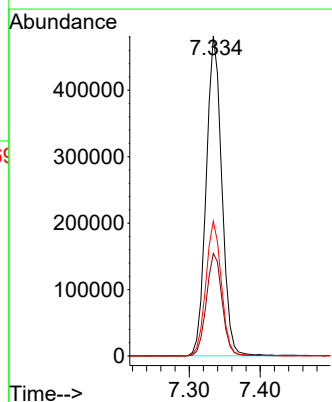
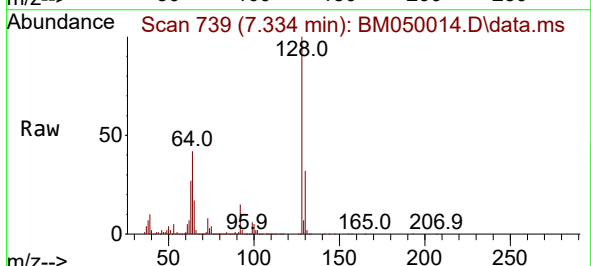
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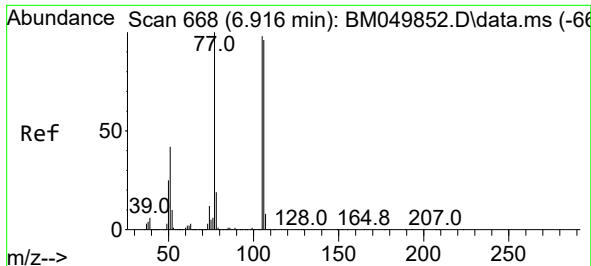
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#8
2-Chlorophenol
Concen: 45.156 ng
RT: 7.334 min Scan# 739
Delta R.T. -0.011 min
Lab File: BM050014.D
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Tgt Ion:128 Resp: 737994
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 42.1 21.1 61.1





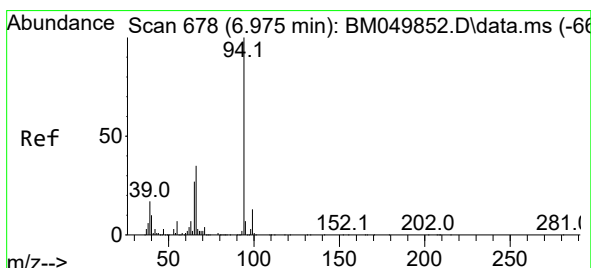
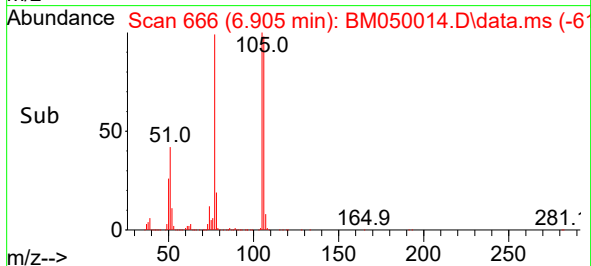
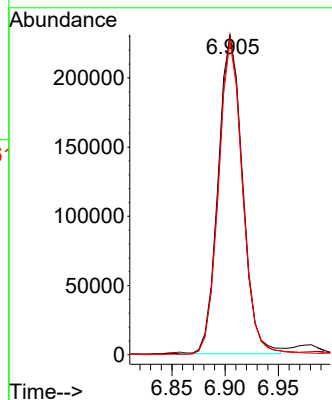
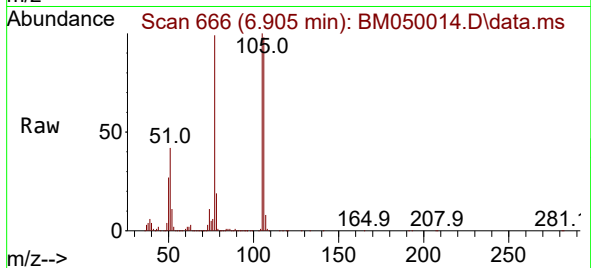
#9
Benzaldehyde
Concen: 35.841 ng
RT: 6.905 min Scan# 666
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Instrument :
BNA_M
ClientSampleId :
72-12013MSD

Tgt Ion: 77 Resp: 36494
Ion Ratio Lower Upper
77 100
105 100.6 78.3 118.3
106 98.5 76.0 116.0

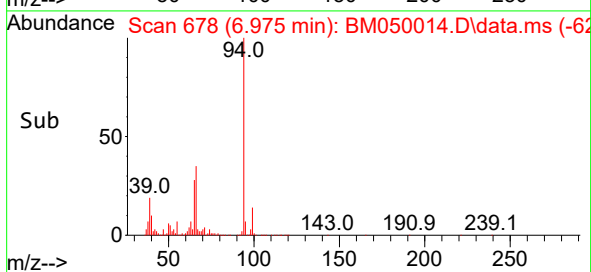
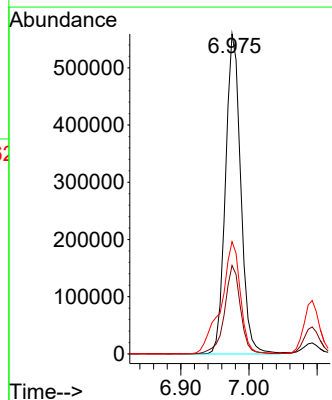
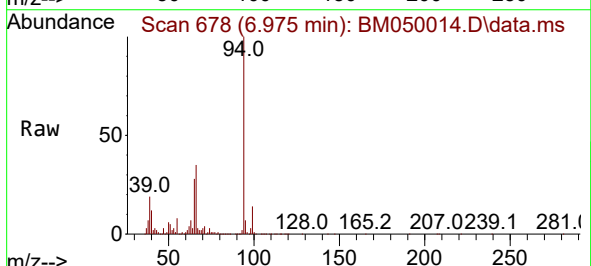
Manual Integrations
APPROVED

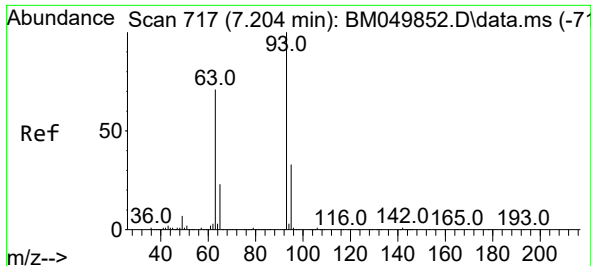
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#10
Phenol
Concen: 44.987 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

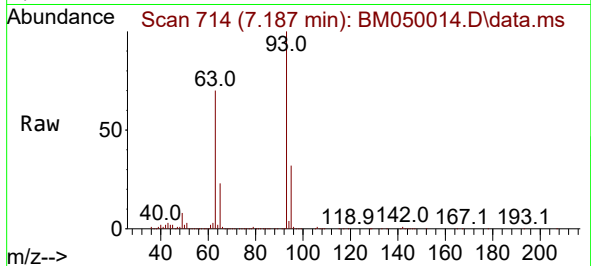
Tgt Ion: 94 Resp: 871077
Ion Ratio Lower Upper
94 100
65 27.7 7.3 47.3
66 35.1 14.8 54.8





#11
bis(2-Chloroethyl)ether
Concen: 45.676 ng
RT: 7.187 min Scan# 714
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

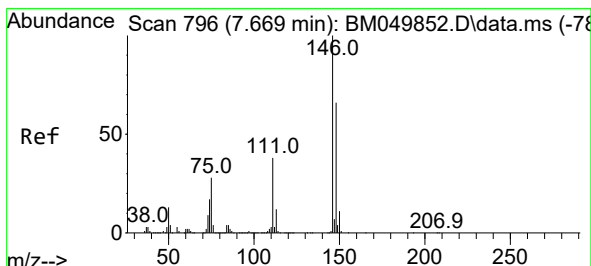
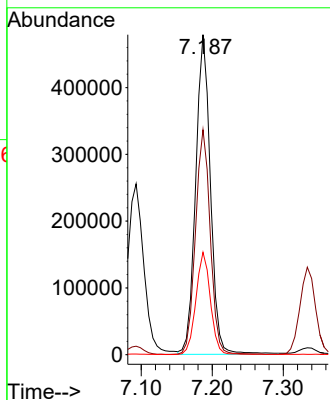
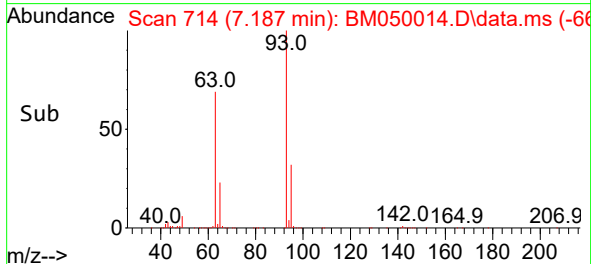
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion: 93 Resp: 693552
Ion Ratio Lower Upper
93 100
63 70.3 50.9 90.9
95 32.0 12.6 52.6

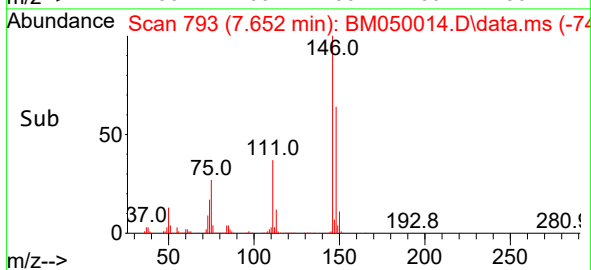
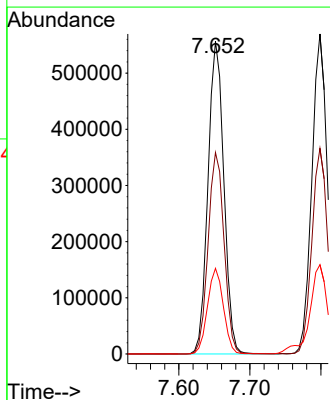
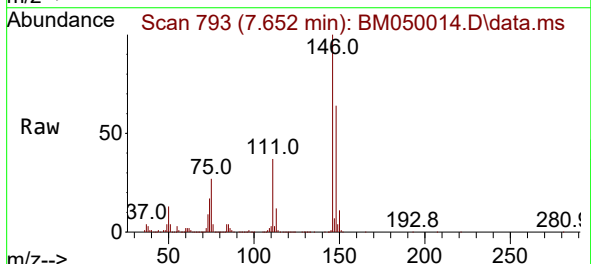
Manual Integrations
APPROVED

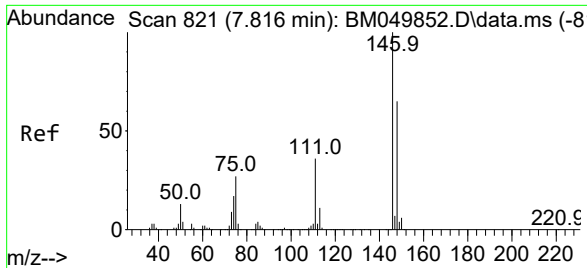
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#12
1,3-Dichlorobenzene
Concen: 44.669 ng
RT: 7.652 min Scan# 793
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

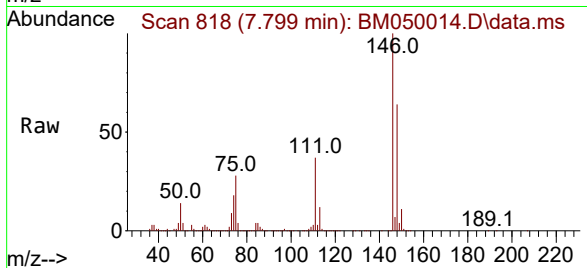
Tgt Ion:146 Resp: 863101
Ion Ratio Lower Upper
146 100
148 64.4 52.5 78.7
75 27.4 22.5 33.7





#13
1,4-Dichlorobenzene
Concen: 44.514 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

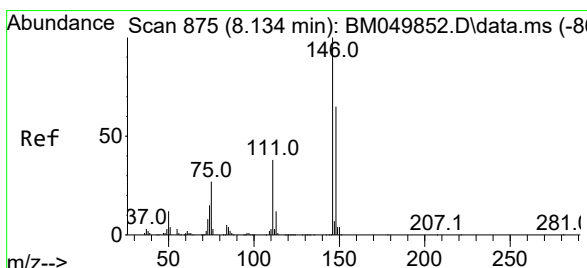
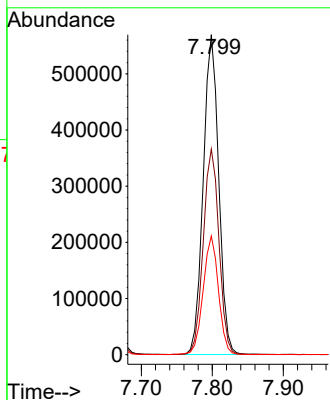
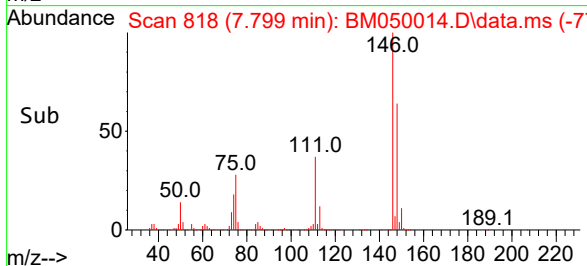
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



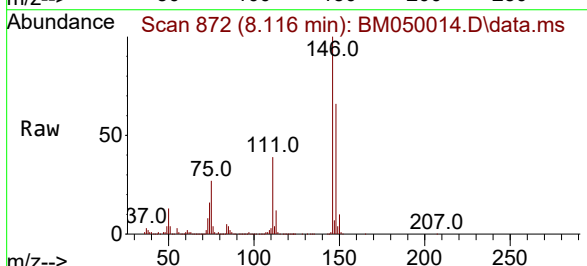
Tgt Ion:146 Resp: 86544
Ion Ratio Lower Upper
146 100
148 64.2 52.4 78.6
111 37.1 28.5 42.7

Manual Integrations
APPROVED

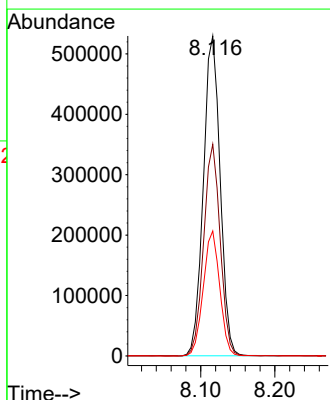
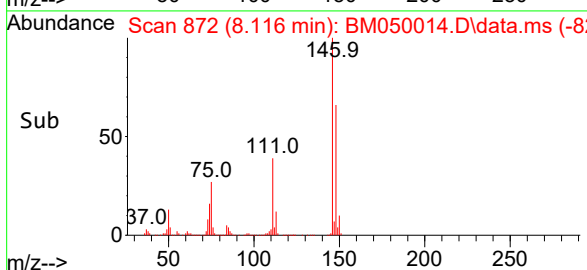
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

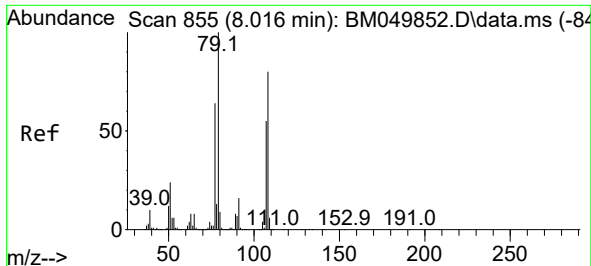


#14
1,2-Dichlorobenzene
Concen: 45.599 ng
RT: 8.116 min Scan# 872
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



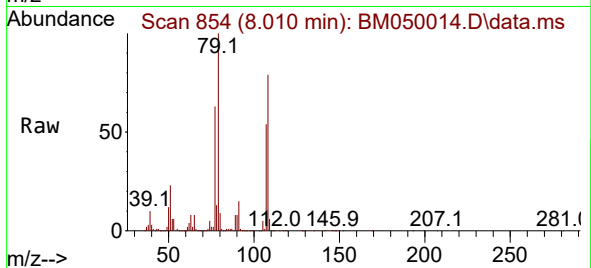
Tgt Ion:146 Resp: 835026
Ion Ratio Lower Upper
146 100
148 66.1 51.8 77.8
111 39.1 30.2 45.4





#15
Benzyl Alcohol
Concen: 45.971 ng
RT: 8.010 min Scan# 801
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

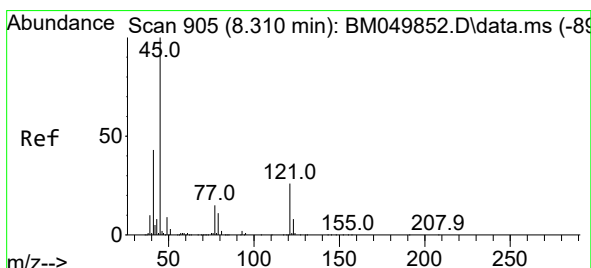
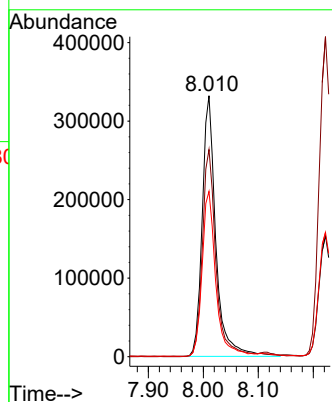
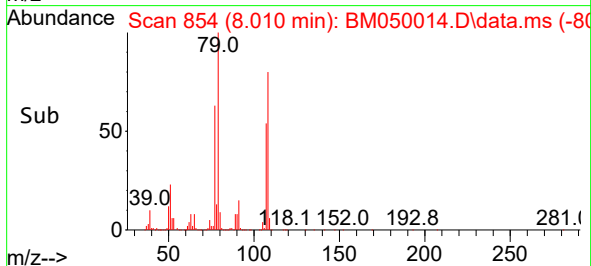
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



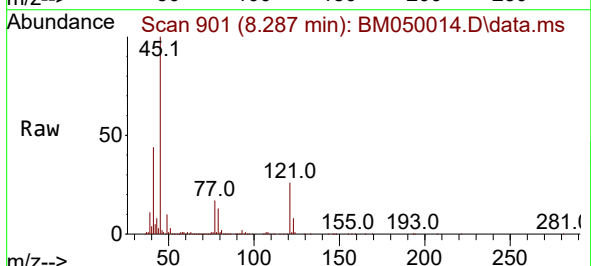
Tgt Ion: 79 Resp: 57437
Ion Ratio Lower Upper
79 100
108 79.4 63.6 95.4
77 63.3 51.3 76.9

Manual Integrations
APPROVED

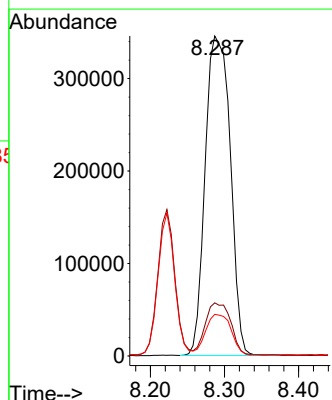
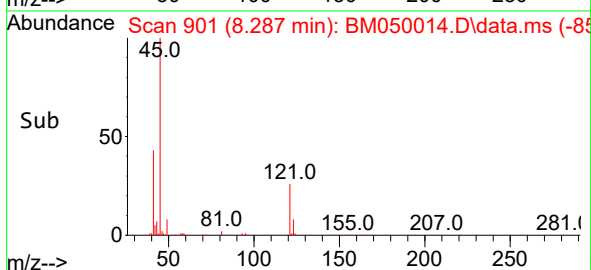
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

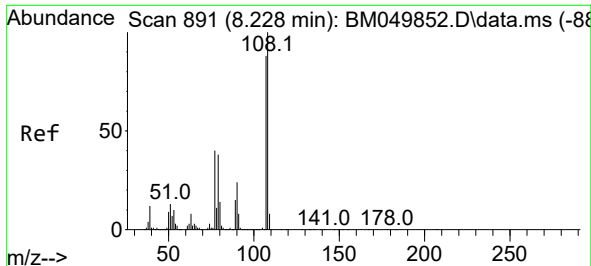


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.035 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.023 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



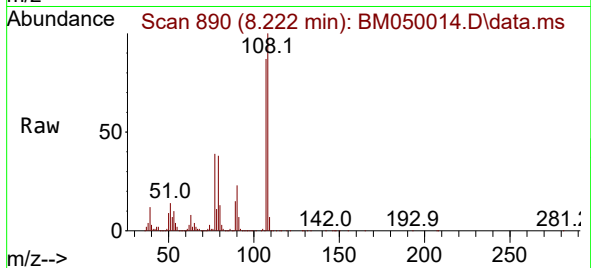
Tgt Ion: 45 Resp: 812956
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.9
79 13.0 0.0 32.9





#17
2-Methylphenol
Concen: 46.879 ng
RT: 8.222 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

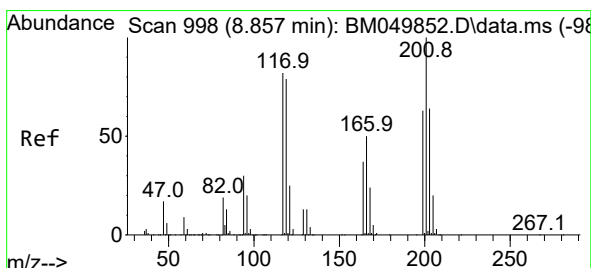
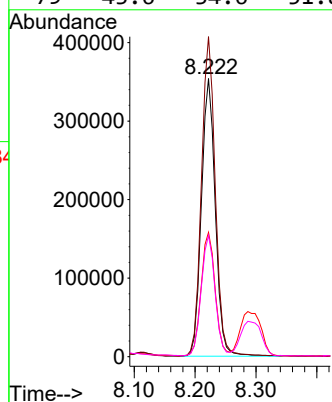
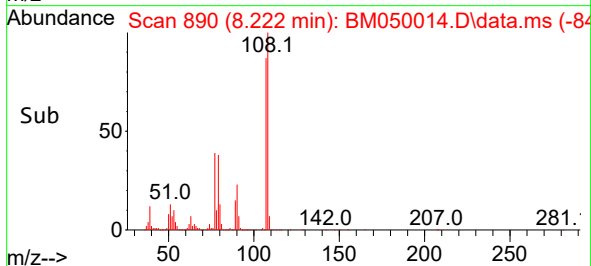
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion:107 Resp: 559369
Ion Ratio Lower Upper
107 100
108 115.1 91.0 136.6
77 44.7 36.5 54.7
79 43.6 34.6 51.8

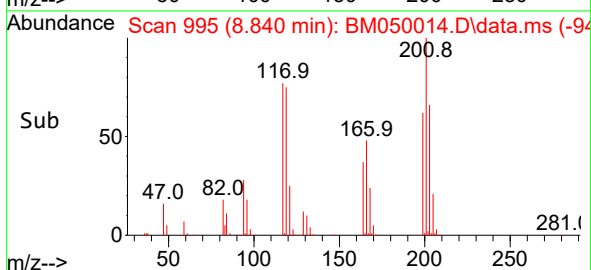
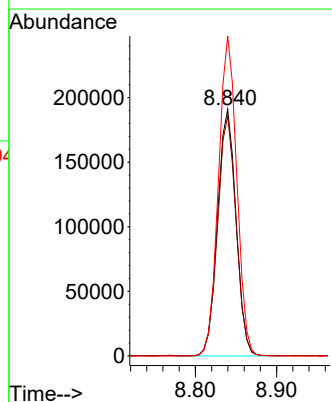
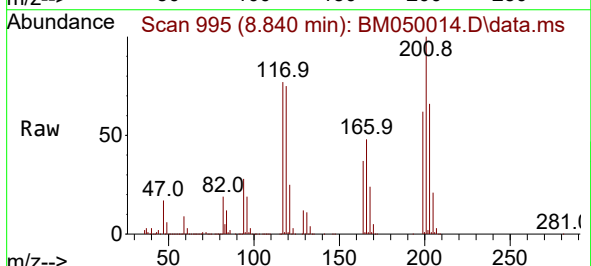
Manual Integrations
APPROVED

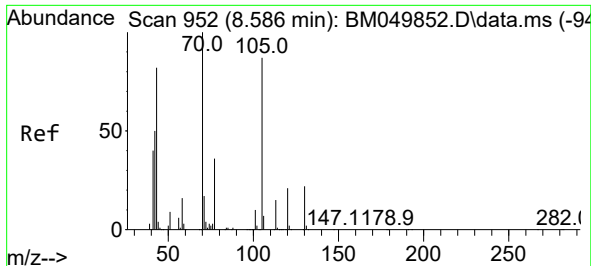
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#18
Hexachloroethane
Concen: 44.835 ng
RT: 8.840 min Scan# 995
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

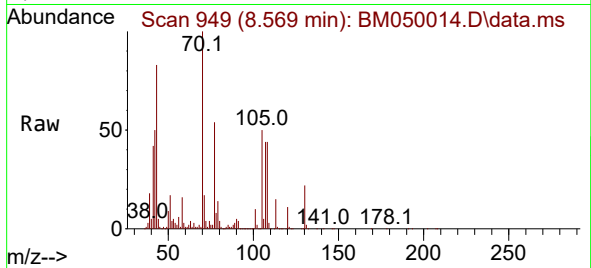
Tgt Ion:117 Resp: 303265
Ion Ratio Lower Upper
117 100
119 97.4 77.5 116.3
201 129.8 97.7 146.5





#19
n-Nitroso-di-n-propylamine
Concen: 45.126 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

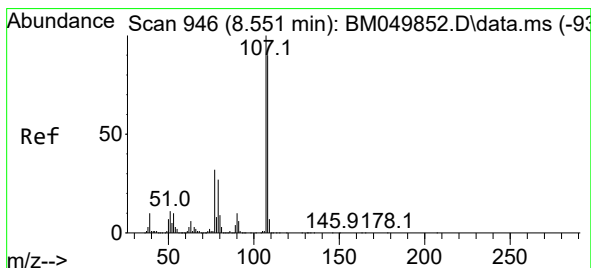
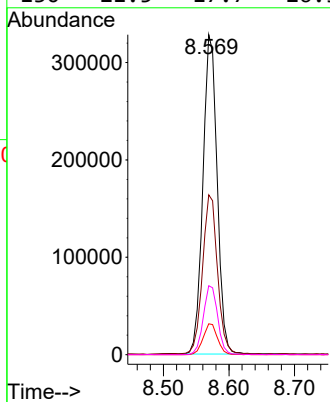
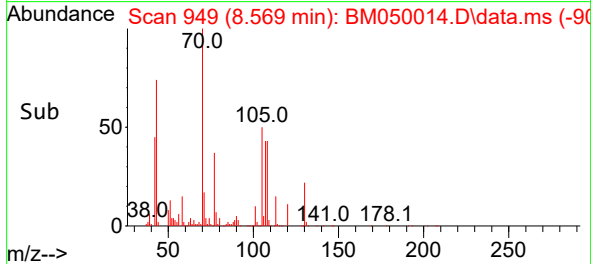
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion: 70 Resp: 495907
Ion Ratio Lower Upper
70 100
42 50.0 40.2 60.2
101 9.6 7.9 11.9
130 21.5 17.7 26.5

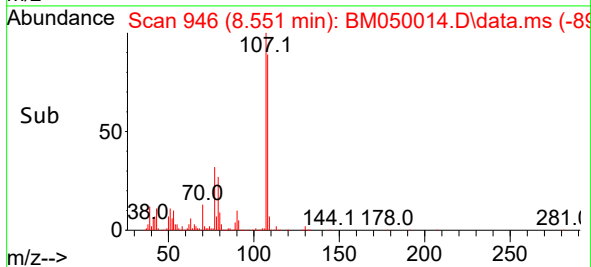
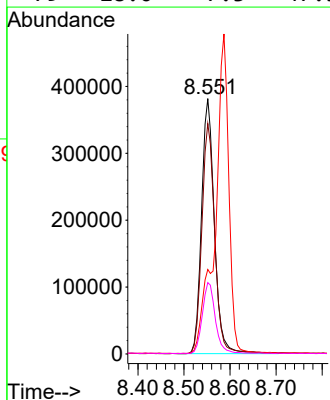
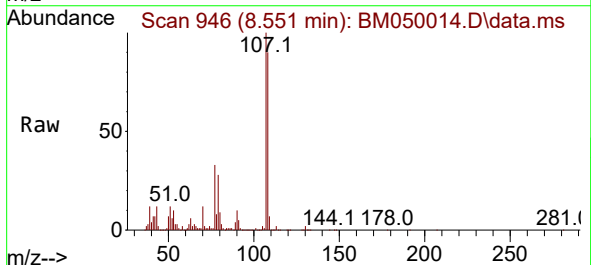
Manual Integrations
APPROVED

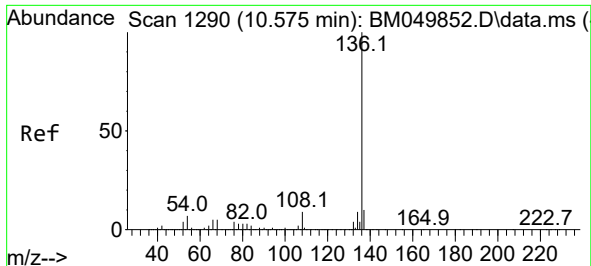
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#20
3+4-Methylphenols
Concen: 45.630 ng
RT: 8.551 min Scan# 946
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

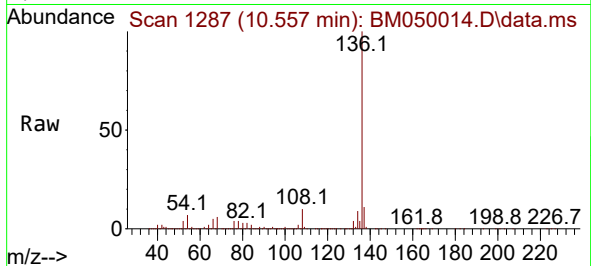
Tgt Ion:107 Resp: 742289
Ion Ratio Lower Upper
107 100
108 90.2 69.6 109.6
77 33.1 11.7 51.7
79 28.0 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

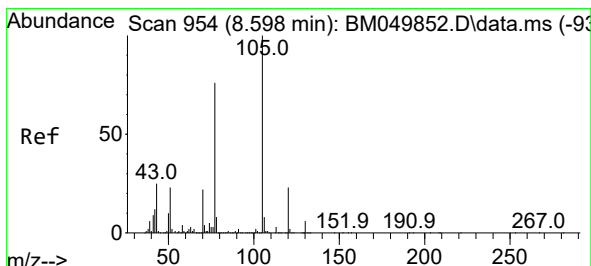
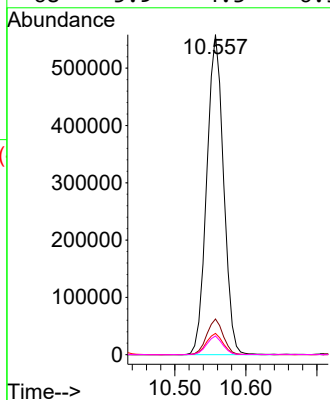
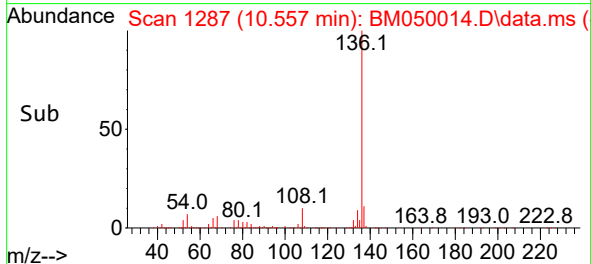
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion:136 Resp: 919060
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.7 5.3 7.9
68 5.9 4.3 6.5

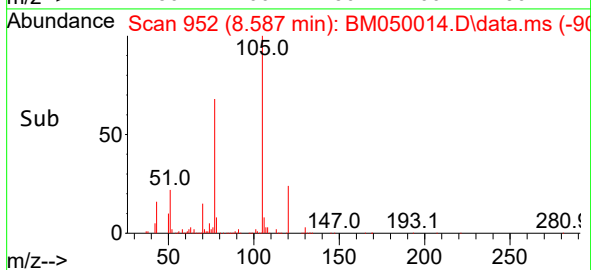
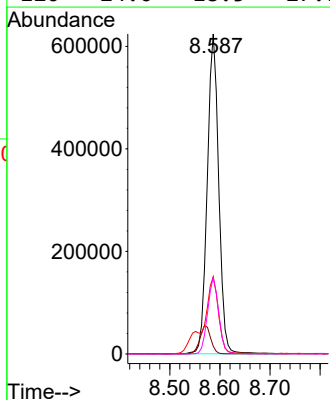
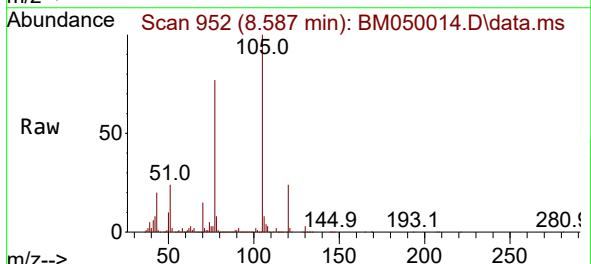
Manual Integrations
APPROVED

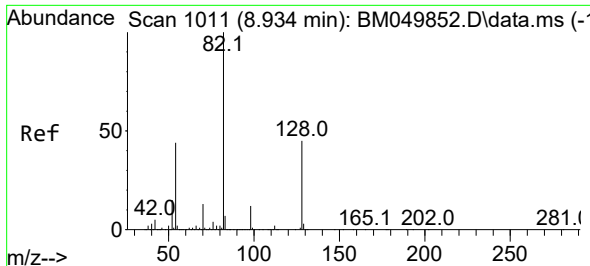
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#22
Acetophenone
Concen: 44.450 ng
RT: 8.587 min Scan# 952
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

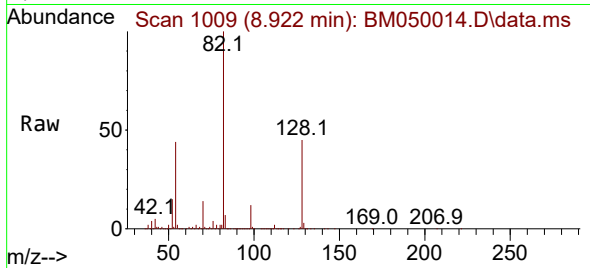
Tgt Ion:105 Resp: 992832
Ion Ratio Lower Upper
105 100
71 2.4 3.0 4.4#
51 24.1 18.6 27.8
120 24.0 18.5 27.7





#23
Nitrobenzene-d5
Concen: 68.564 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

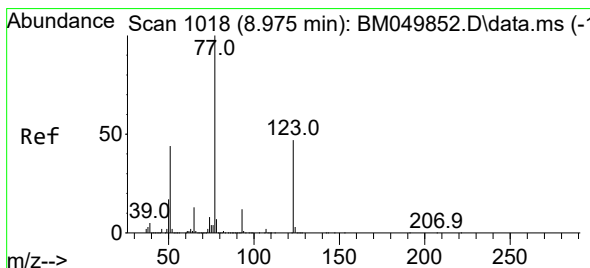
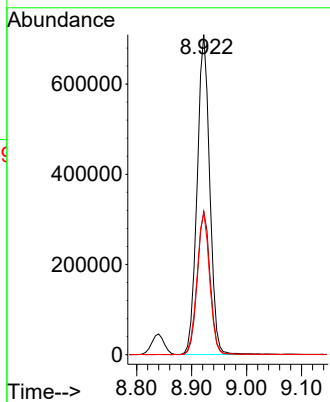
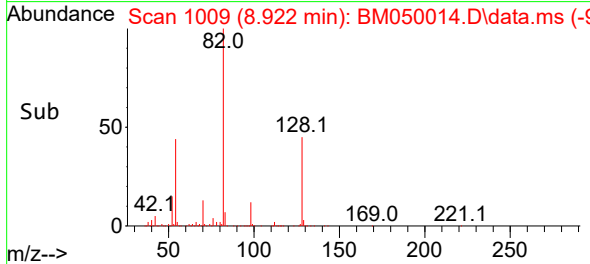
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion: 82 Resp: 1131619
Ion Ratio Lower Upper
82 100
128 44.8 36.2 54.2
54 44.4 35.0 52.6

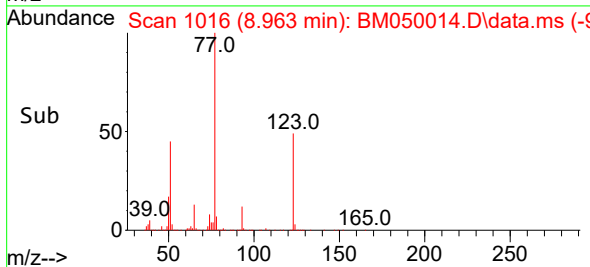
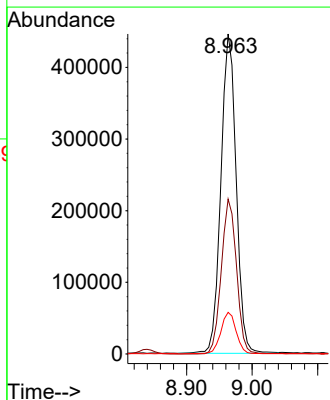
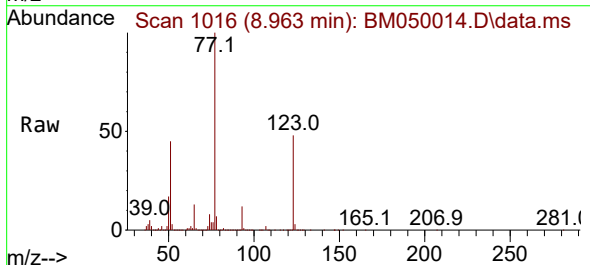
Manual Integrations
APPROVED

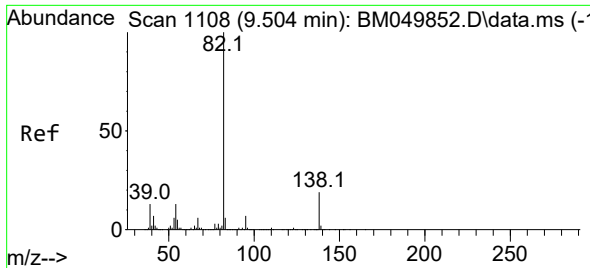
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#24
Nitrobenzene
Concen: 45.230 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

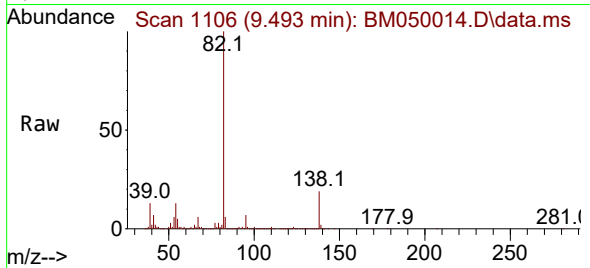
Tgt Ion: 77 Resp: 718816
Ion Ratio Lower Upper
77 100
123 48.4 37.4 56.2
65 13.0 10.1 15.1





#25
Isophorone
Concen: 48.158 ng
RT: 9.493 min Scan# 1106
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

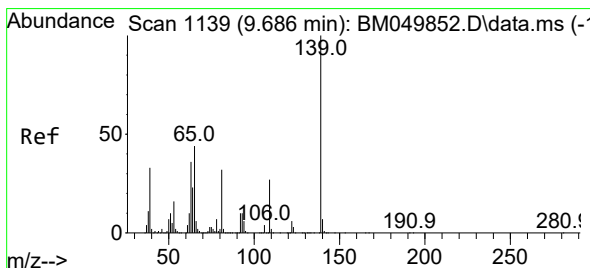
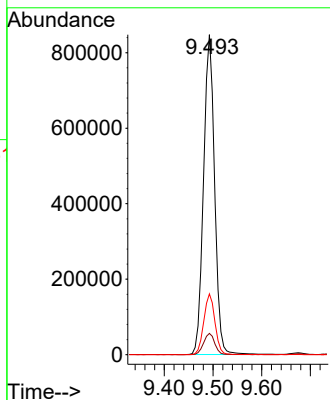
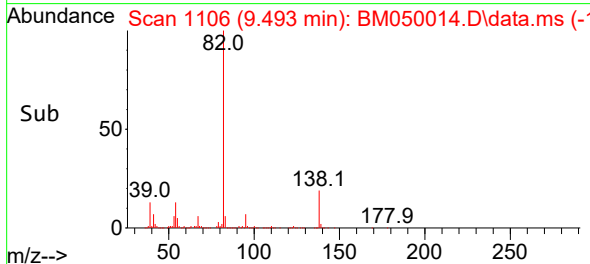
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion: 82 Resp: 133148
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 19.0 15.0 22.6

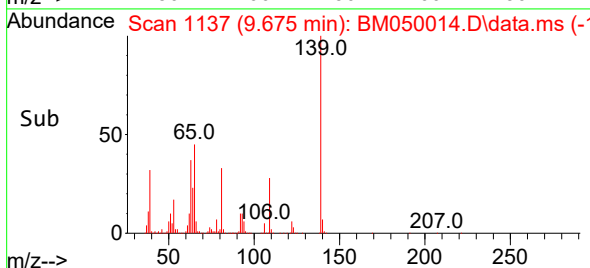
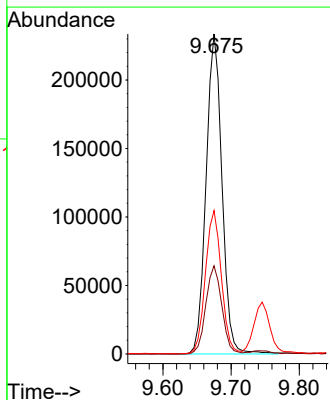
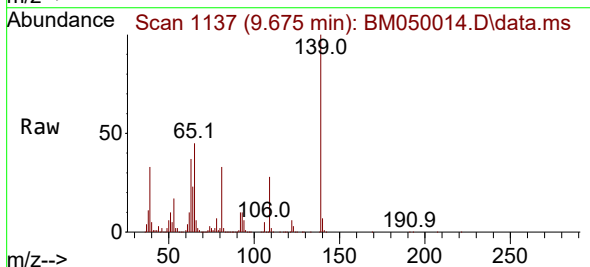
Manual Integrations
APPROVED

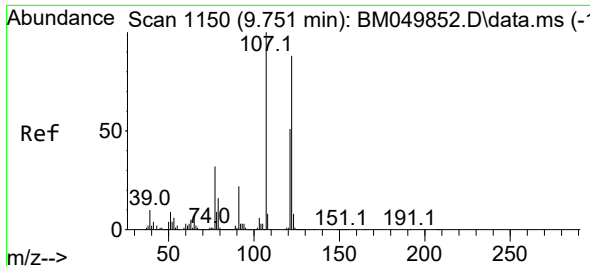
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#26
2-Nitrophenol
Concen: 45.133 ng
RT: 9.675 min Scan# 1137
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Tgt Ion:139 Resp: 380169
Ion Ratio Lower Upper
139 100
109 27.5 21.7 32.5
65 44.8 35.2 52.8





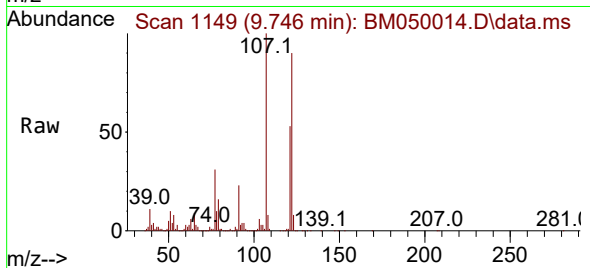
#27
2,4-Dimethylphenol
Concen: 64.363 ng
RT: 9.746 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



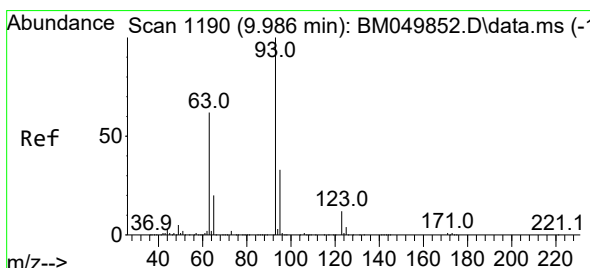
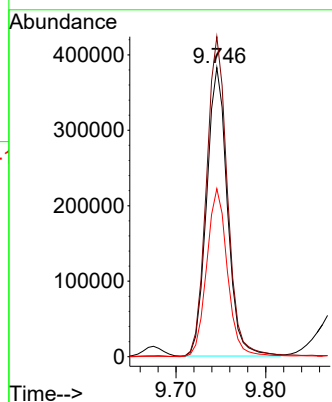
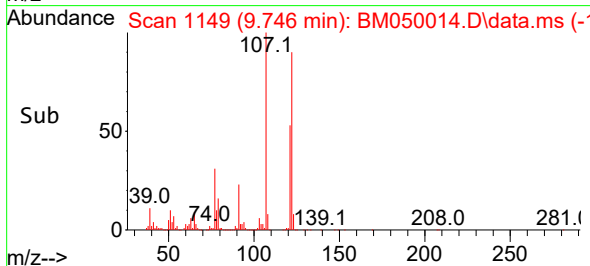
Tgt Ion:122 Resp: 614402
Ion Ratio Lower Upper
122 100
107 110.7 90.3 135.5
121 58.1 46.1 69.1

Manual Integrations

APPROVED

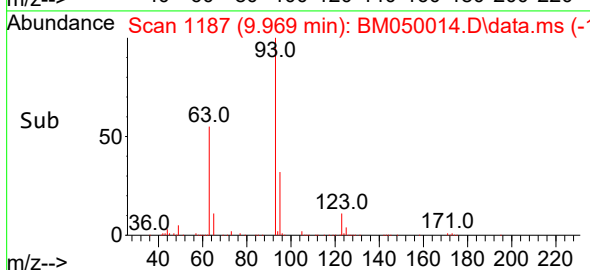
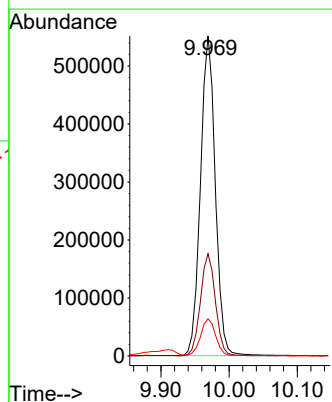
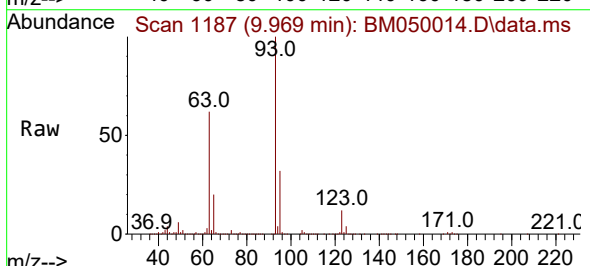
Reviewed By :Rahul Chavli 04/24/2025

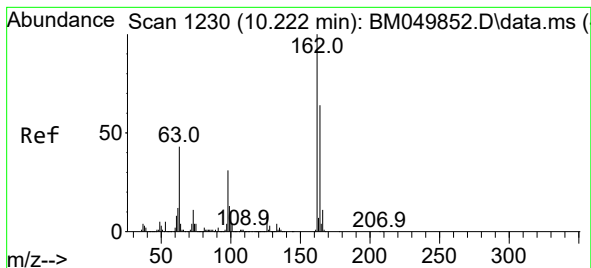
Supervised By :Jagrut Upadhyay 04/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.103 ng
RT: 9.969 min Scan# 1187
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

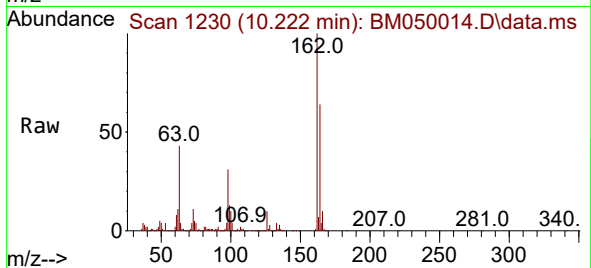
Tgt Ion: 93 Resp: 834864
Ion Ratio Lower Upper
93 100
95 31.9 26.6 40.0
123 11.6 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 44.405 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

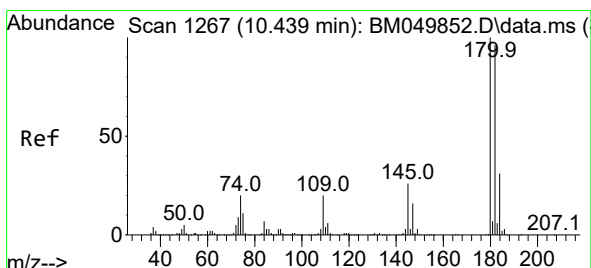
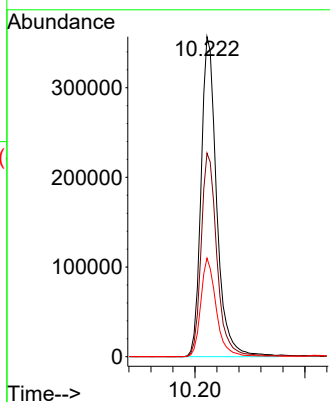
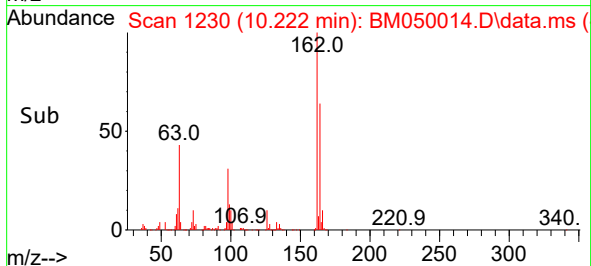
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



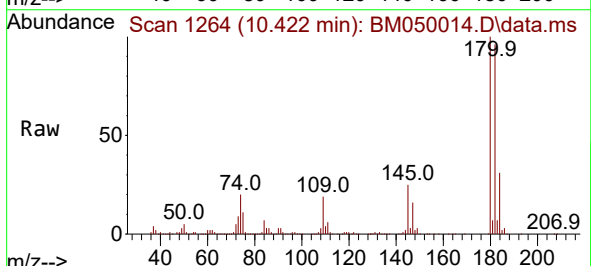
Tgt Ion:162 Resp: 70461
Ion Ratio Lower Upper
162 100
164 63.6 44.3 84.3
98 30.8 10.9 50.9

Manual Integrations
APPROVED

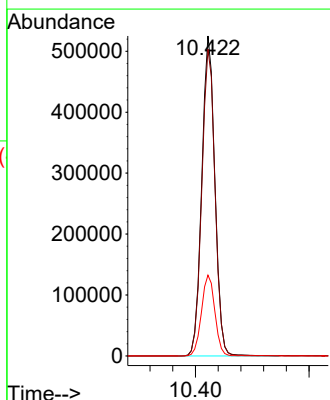
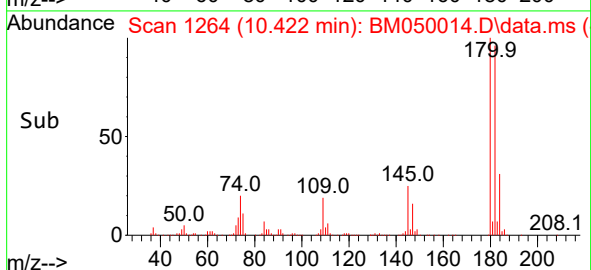
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

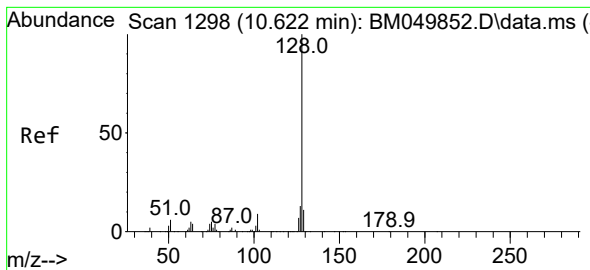


#30
1,2,4-Trichlorobenzene
Concen: 45.664 ng
RT: 10.422 min Scan# 1264
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



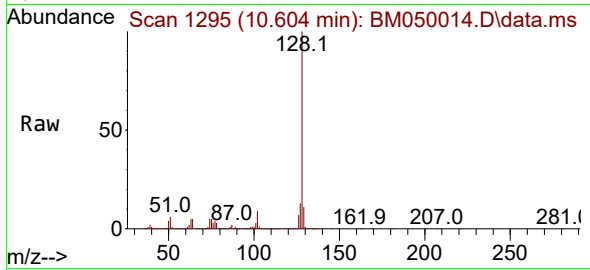
Tgt Ion:180 Resp: 838235
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 25.3 20.8 31.2





#31
Naphthalene
Concen: 43.335 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

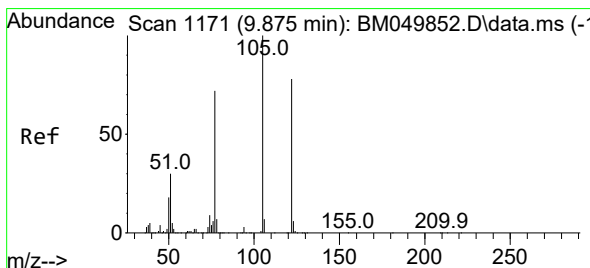
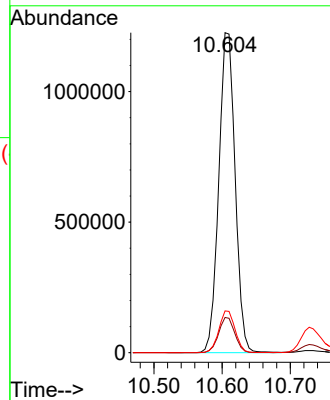
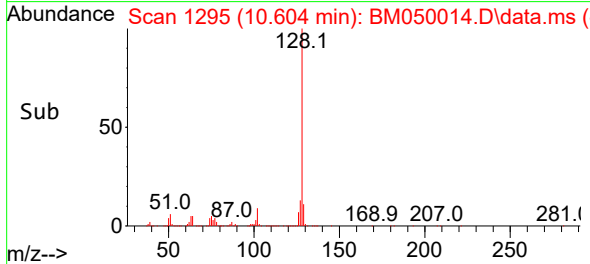
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion:128 Resp: 204649
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 15.8

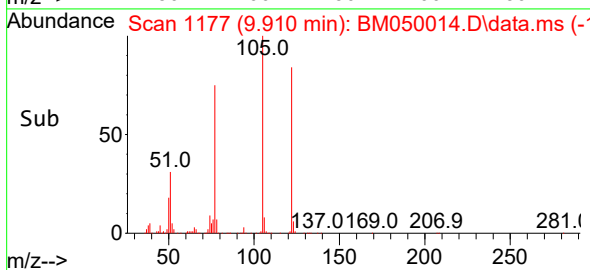
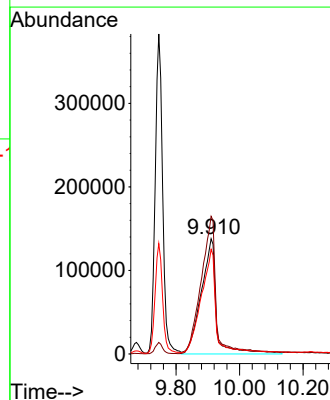
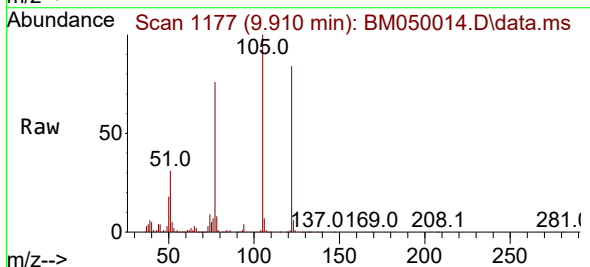
Manual Integrations
APPROVED

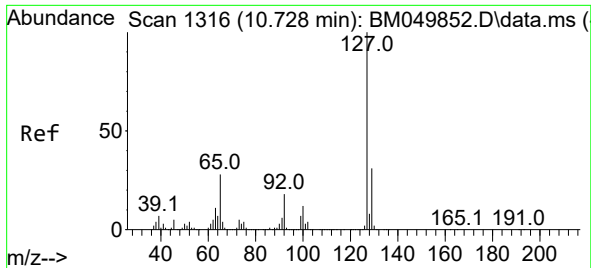
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#32
Benzoic acid
Concen: 40.515 ng m
RT: 9.910 min Scan# 1177
Delta R.T. 0.035 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Tgt Ion:122 Resp: 460222
Ion Ratio Lower Upper
122 100
105 119.5 103.8 143.8
77 90.8 70.7 110.7





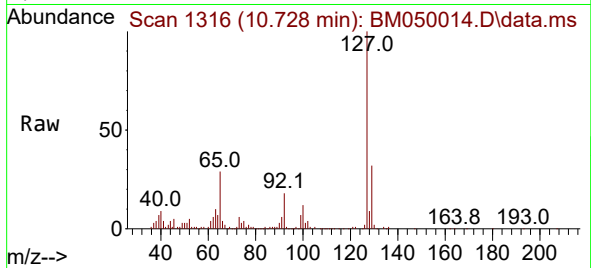
#33
4-Chloroaniline
Concen: 13.854 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



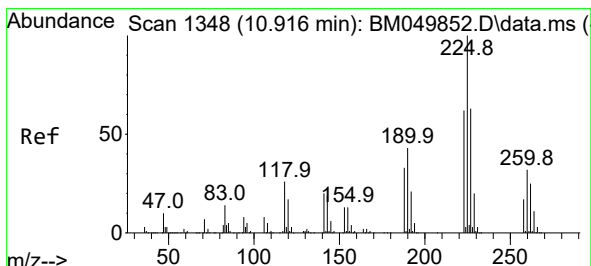
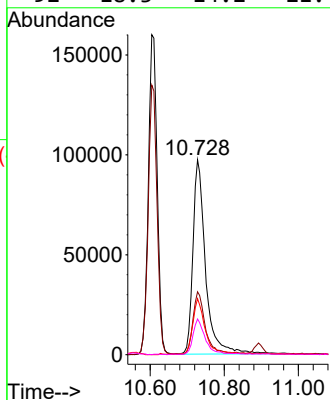
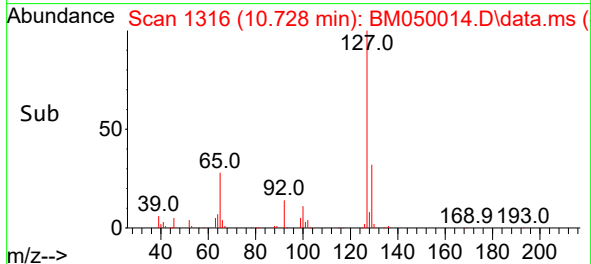
Tgt Ion:127 Resp: 231030
Ion Ratio Lower Upper
127 100
129 32.3 24.9 37.3
65 28.8 22.4 33.6
92 18.3 14.2 21.4

Manual Integrations

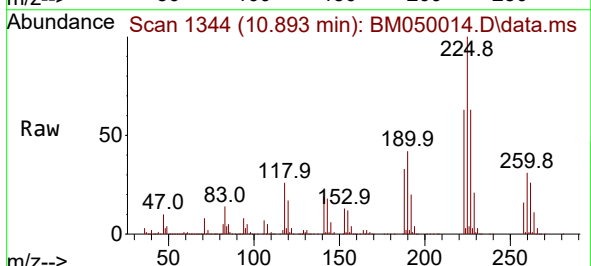
APPROVED

Reviewed By :Rahul Chavli 04/24/2025

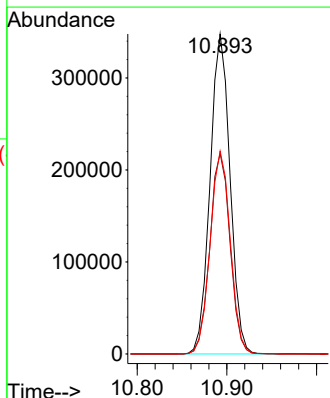
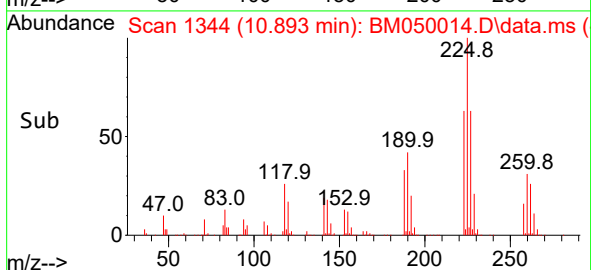
Supervised By :Jagrut Upadhyay 04/24/2025

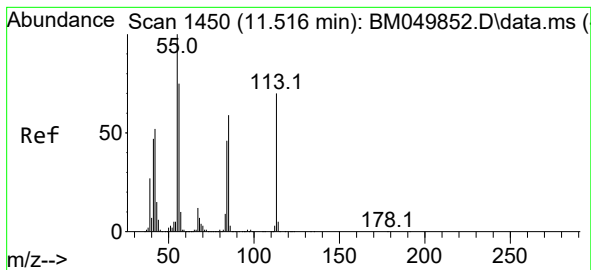


#34
Hexachlorobutadiene
Concen: 47.330 ng
RT: 10.893 min Scan# 1344
Delta R.T. -0.023 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



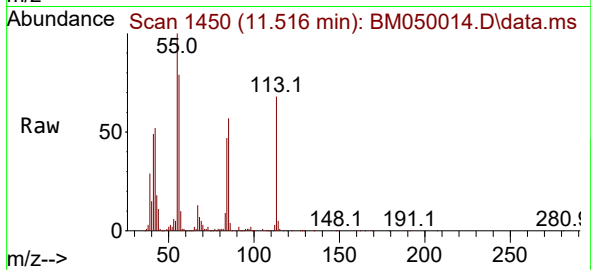
Tgt Ion:225 Resp: 537419
Ion Ratio Lower Upper
225 100
223 62.6 49.4 74.2
227 63.4 50.1 75.1





#35
Caprolactam
Concen: 42.375 ng
RT: 11.516 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

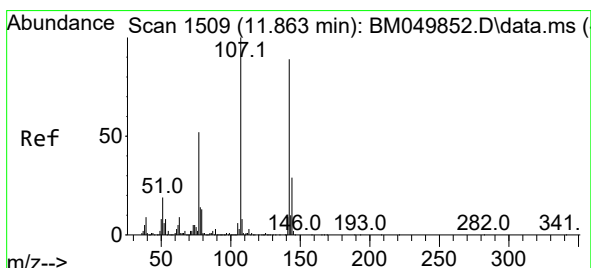
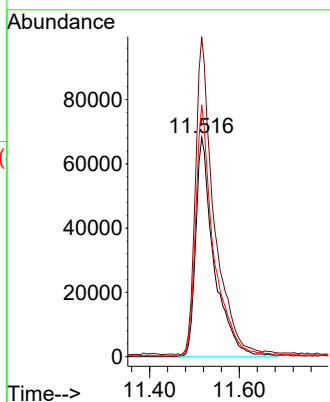
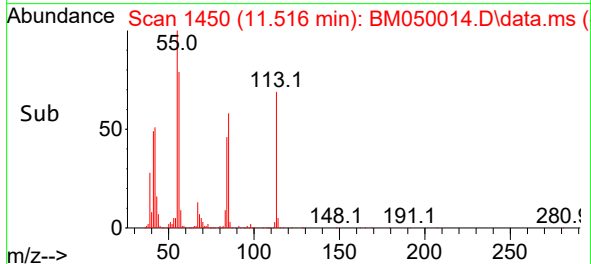
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



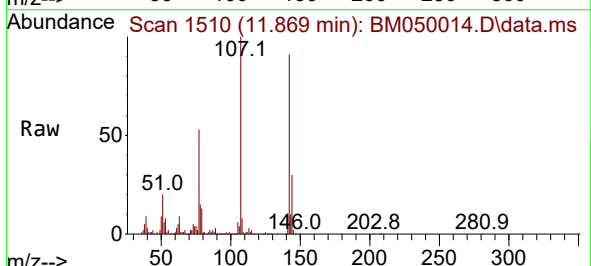
Tgt Ion:113 Resp: 192849
Ion Ratio Lower Upper
113 100
55 146.0 124.3 164.3
56 114.9 87.5 127.5

Manual Integrations
APPROVED

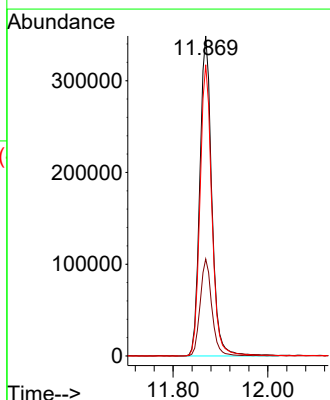
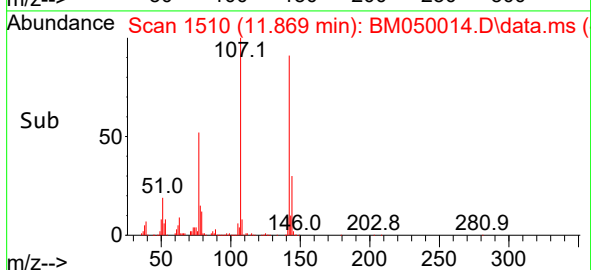
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

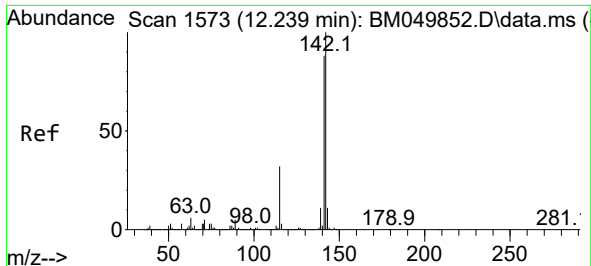


#36
4-Chloro-3-methylphenol
Concen: 43.847 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



Tgt Ion:107 Resp: 609438
Ion Ratio Lower Upper
107 100
144 30.3 23.6 35.4
142 91.0 71.4 107.0





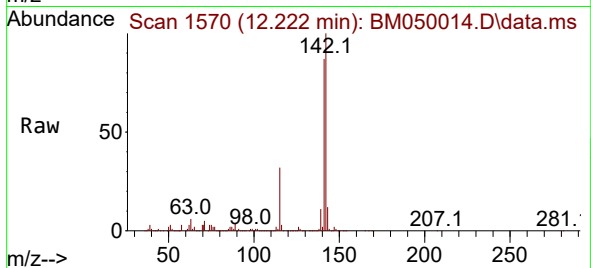
#37
2-Methylnaphthalene
Concen: 39.588 ng
RT: 12.222 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



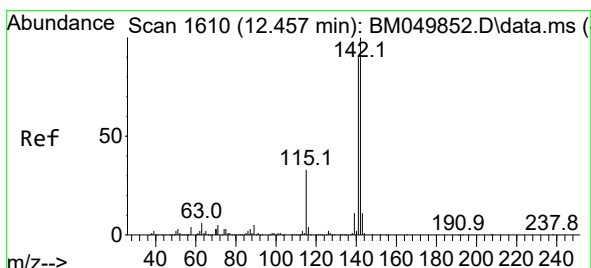
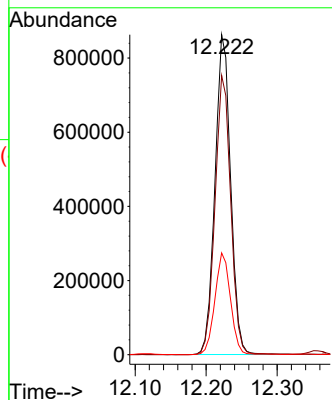
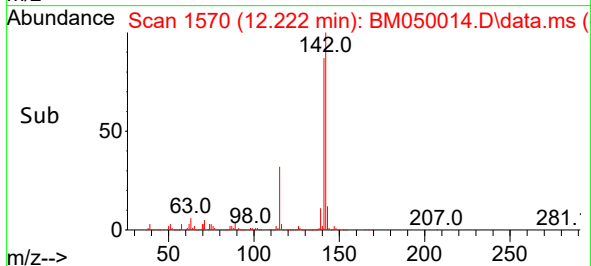
Tgt Ion:142 Resp: 1317219
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
115 31.8 25.4 38.2

Manual Integrations

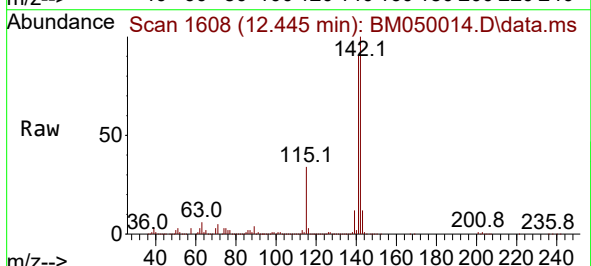
APPROVED

Reviewed By :Rahul Chavli 04/24/2025

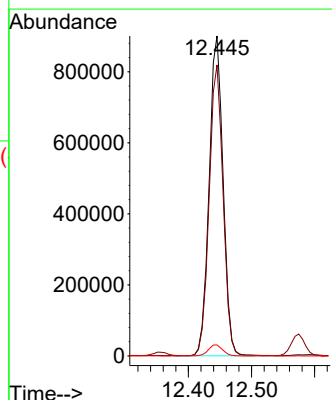
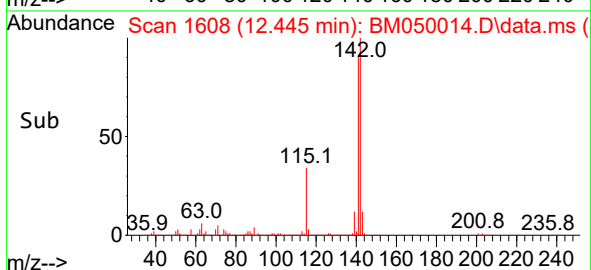
Supervised By :Jagrut Upadhyay 04/24/2025

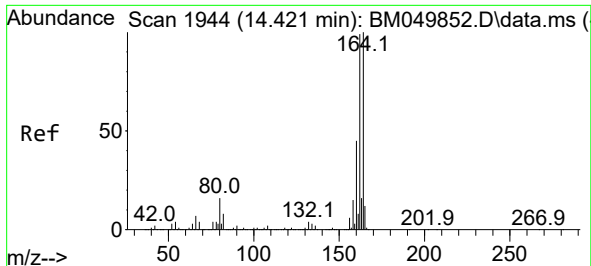


#38
1-Methylnaphthalene
Concen: 42.617 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



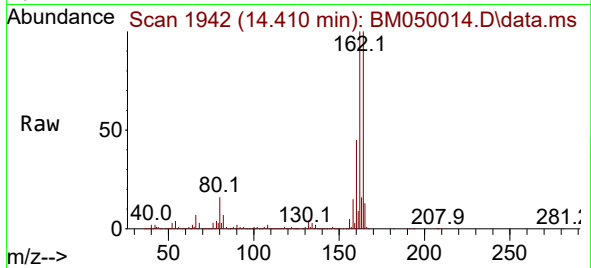
Tgt Ion:142 Resp: 1381472
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.2
116 3.5 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

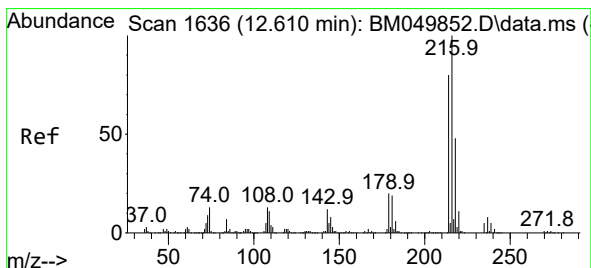
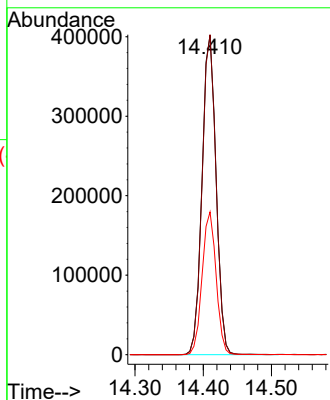
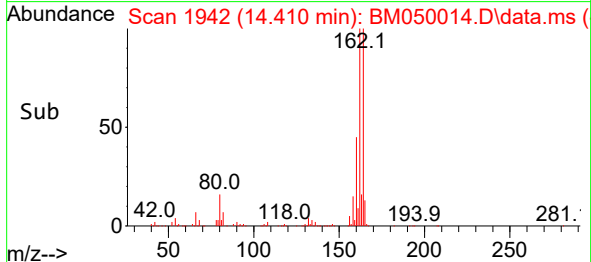
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion:164 Resp: 57623
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 44.7 36.2 54.2

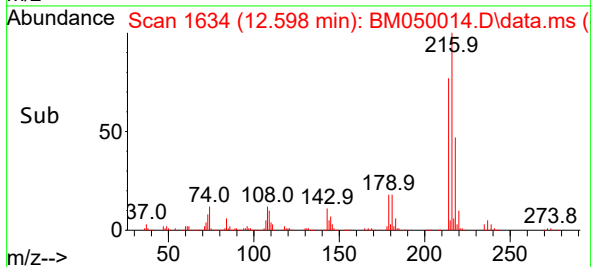
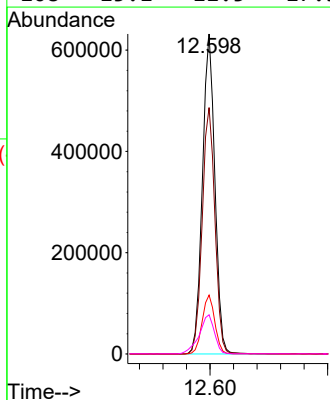
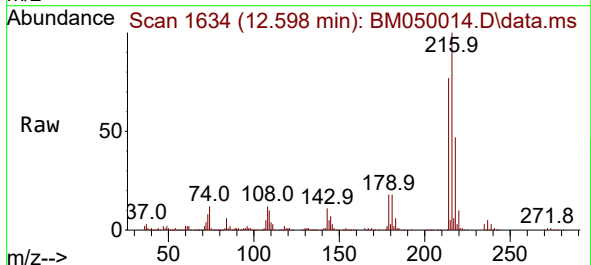
Manual Integrations
APPROVED

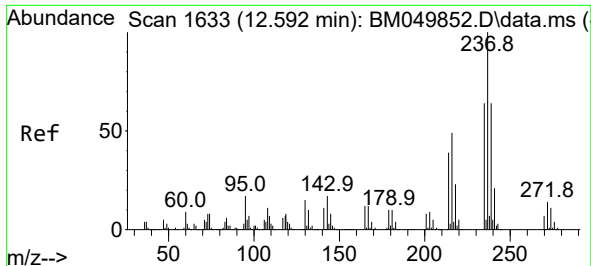
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.028 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

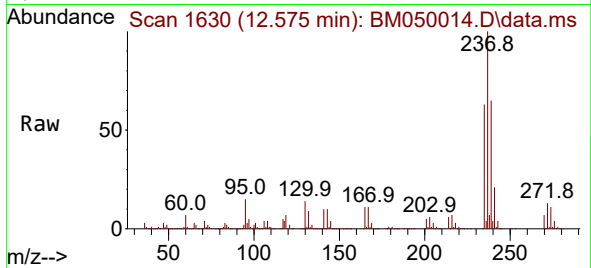
Tgt Ion:216 Resp: 927904
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 18.7 15.8 23.6
108 15.1 11.5 17.3





#41
Hexachlorocyclopentadiene
Concen: 128.149 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

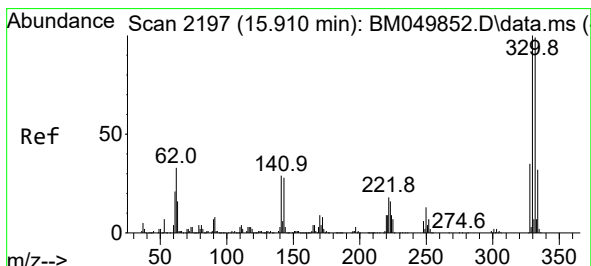
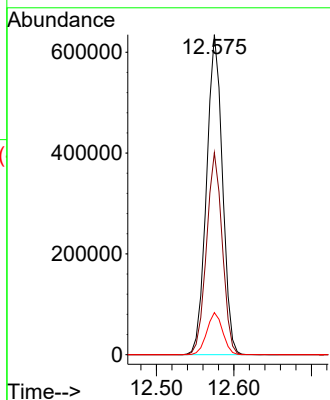
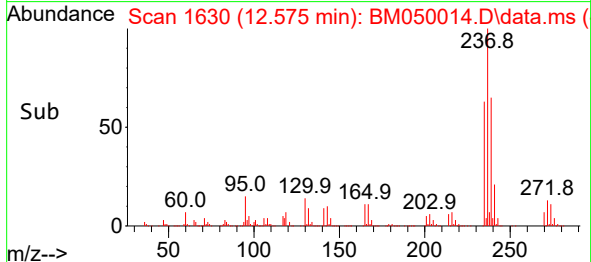
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion:237 Resp: 90523
Ion Ratio Lower Upper
237 100
235 63.1 43.7 83.7
272 13.2 0.0 33.5

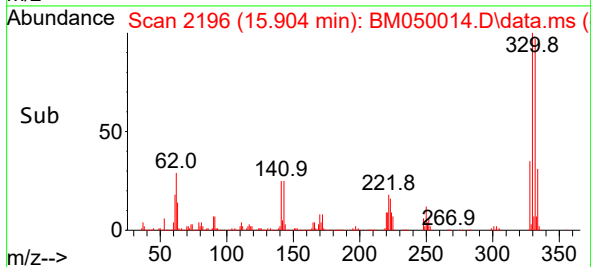
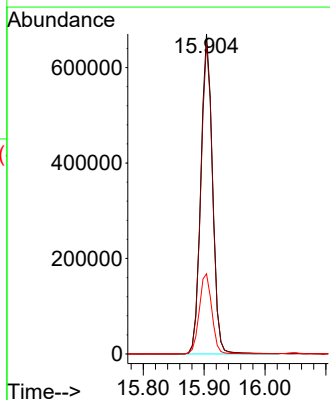
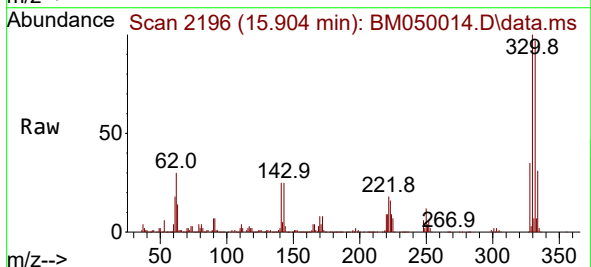
Manual Integrations
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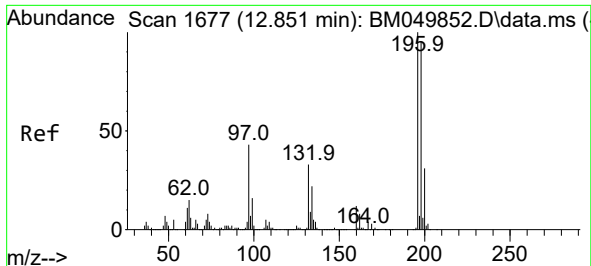
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#42
2,4,6-Tribromophenol
Concen: 106.375 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Tgt Ion:330 Resp: 891584
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 27.0 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 46.507 ng

RT: 12.845 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BM050014.D

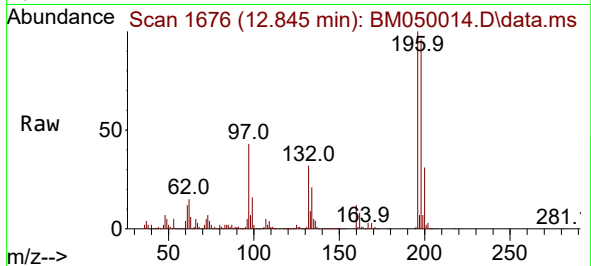
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



Tgt Ion:196 Resp: 596590

Ion Ratio Lower Upper

196 100

198 96.2 76.1 114.1

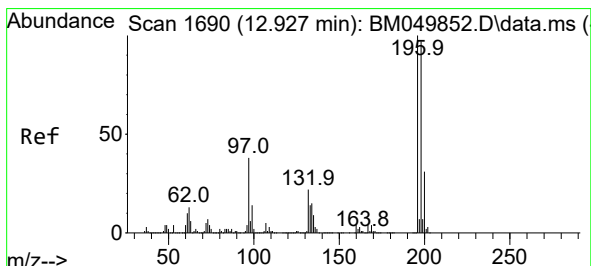
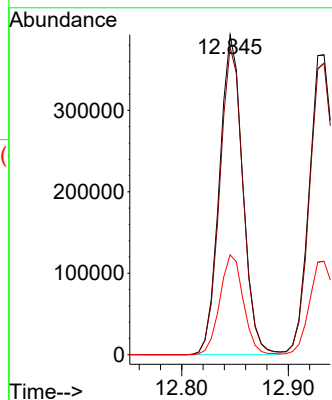
200 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#44

2,4,5-Trichlorophenol

Concen: 45.814 ng

RT: 12.934 min Scan# 1691

Delta R.T. 0.006 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

Tgt Ion:196 Resp: 638670

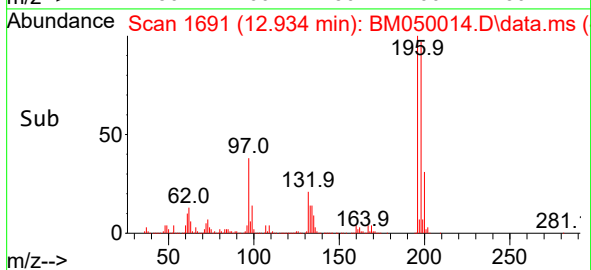
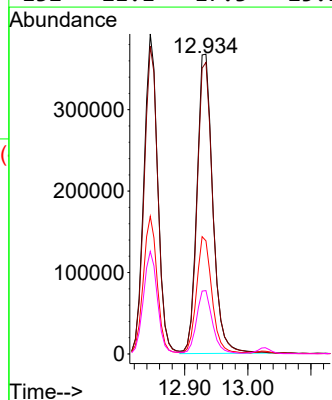
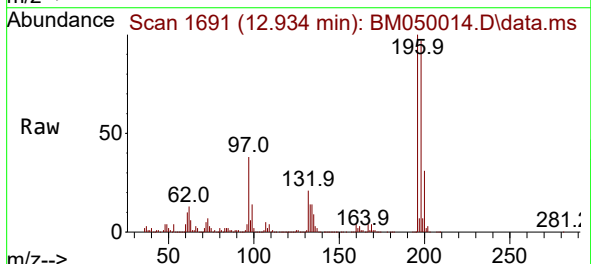
Ion Ratio Lower Upper

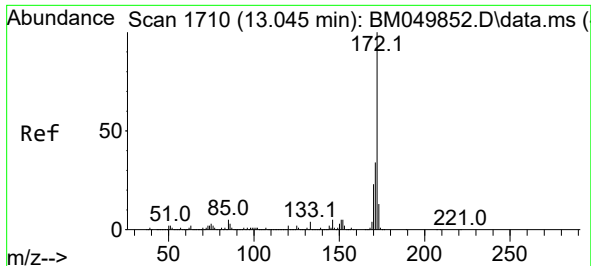
196 100

198 97.2 77.7 116.5

97 37.7 30.3 45.5

132 21.1 17.3 25.9





#45

2-Fluorobiphenyl

Concen: 63.719 ng

RT: 13.028 min Scan# 1707

Delta R.T. -0.017 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD

Tgt Ion:172 Resp: 270770

Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.2

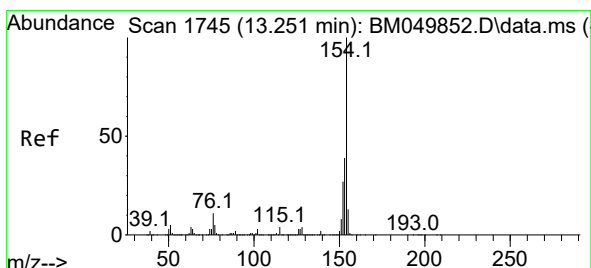
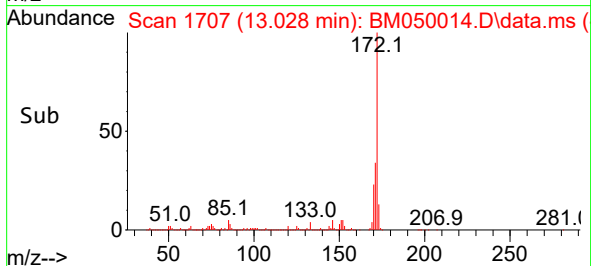
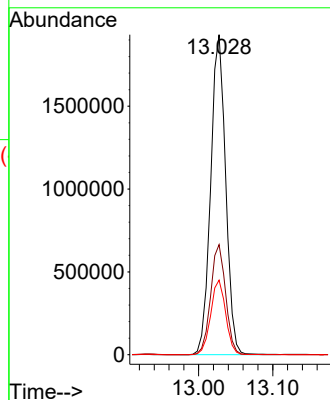
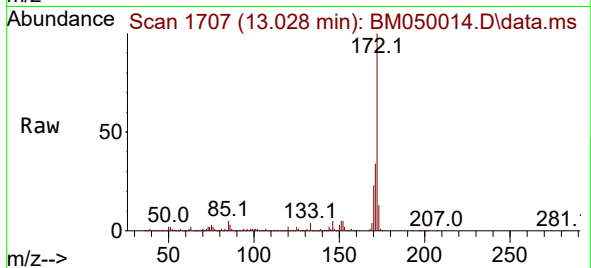
170 23.3 18.6 28.0

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Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#46

1,1'-Biphenyl

Concen: 44.640 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.011 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

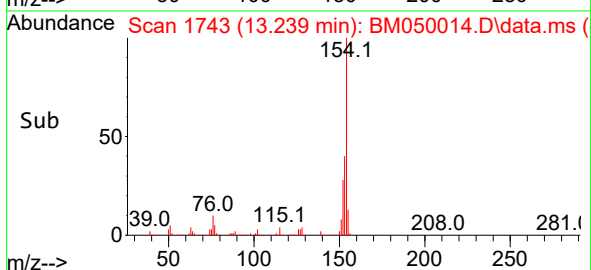
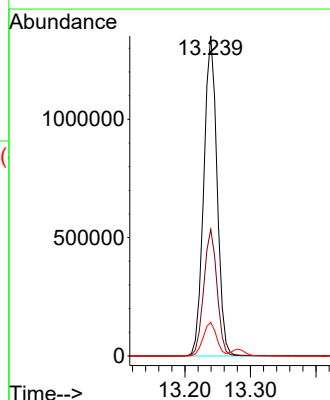
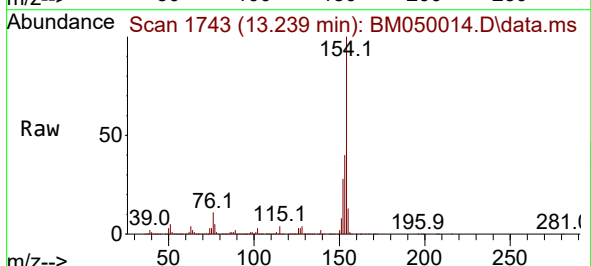
Tgt Ion:154 Resp: 1912166

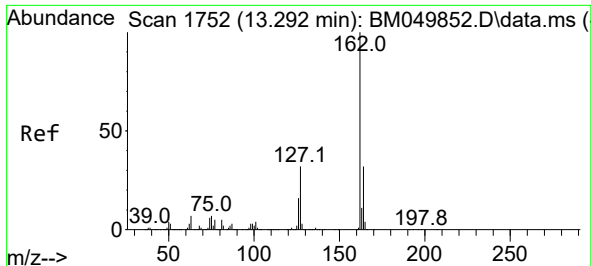
Ion Ratio Lower Upper

154 100

153 39.6 19.3 59.3

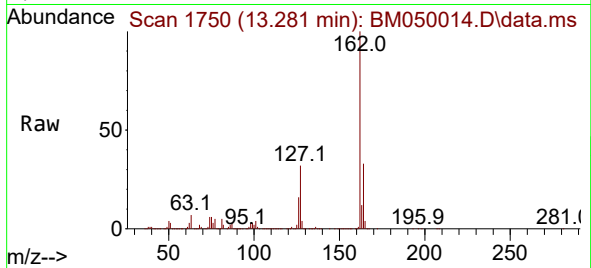
76 10.5 0.0 30.7





#47
2-Chloronaphthalene
Concen: 45.163 ng
RT: 13.281 min Scan# 1750
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

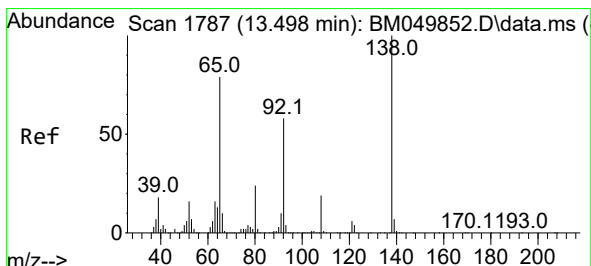
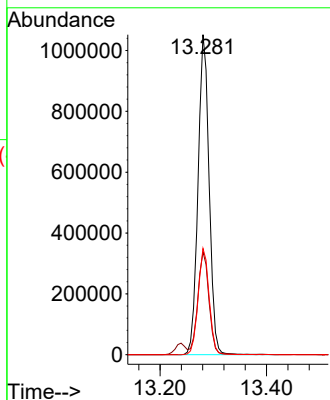
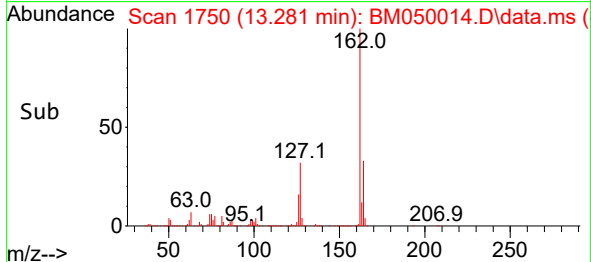
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



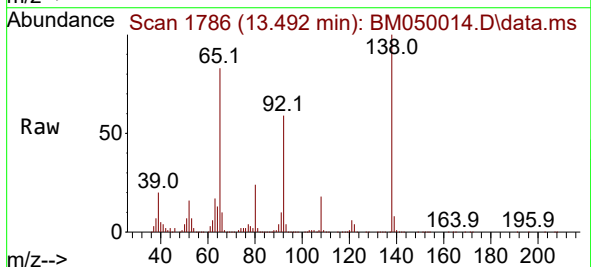
Tgt Ion:162 Resp: 152053
Ion Ratio Lower Upper
162 100
127 32.1 26.0 39.0
164 33.2 25.9 38.9

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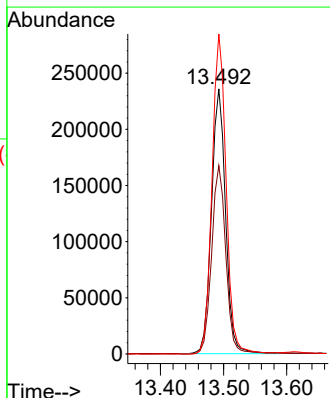
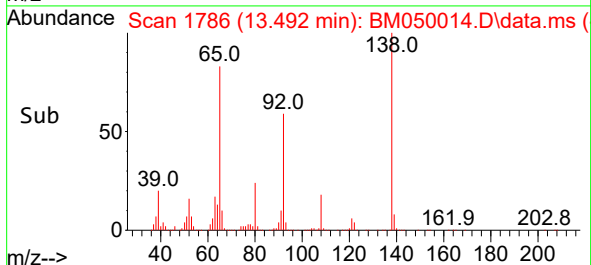
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

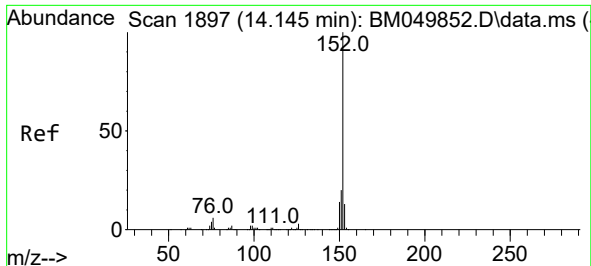


#48
2-Nitroaniline
Concen: 47.072 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



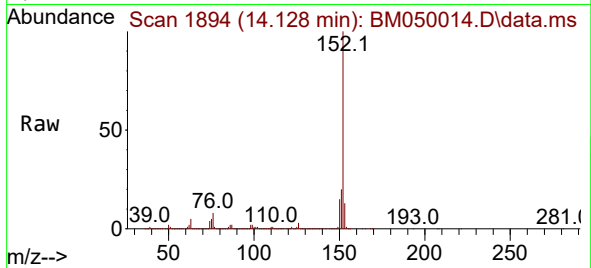
Tgt Ion: 65 Resp: 366638
Ion Ratio Lower Upper
65 100
92 71.0 58.4 87.6
138 120.7 100.8 151.2





#49
Acenaphthylene
Concen: 48.178 ng
RT: 14.128 min Scan# 1897
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

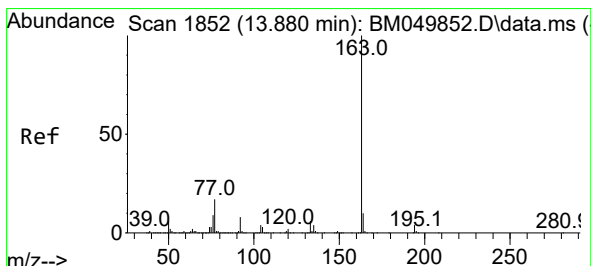
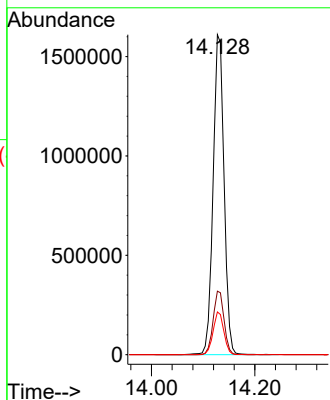
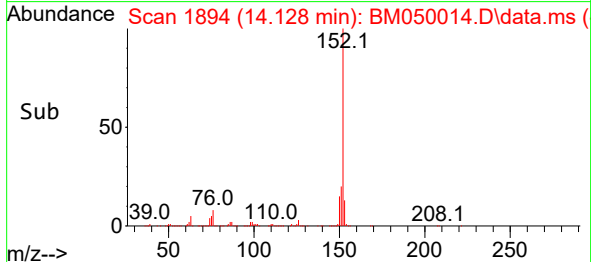
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



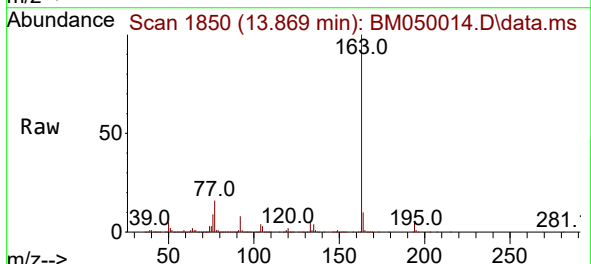
Tgt Ion:152 Resp: 236275
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.4 10.4 15.6

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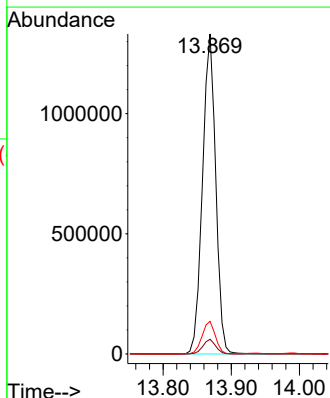
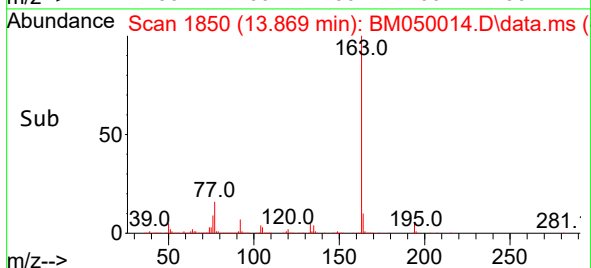
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

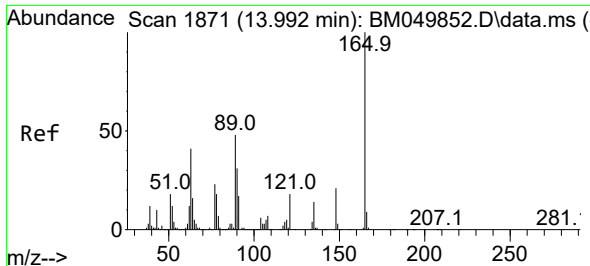


#50
Dimethylphthalate
Concen: 44.139 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



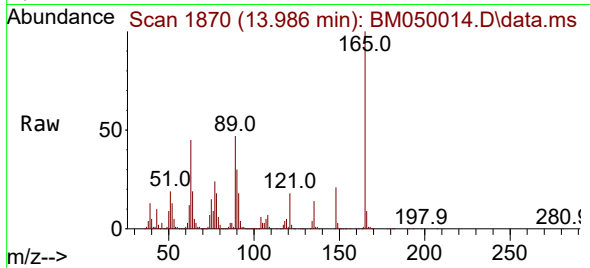
Tgt Ion:163 Resp: 1794372
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.150 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

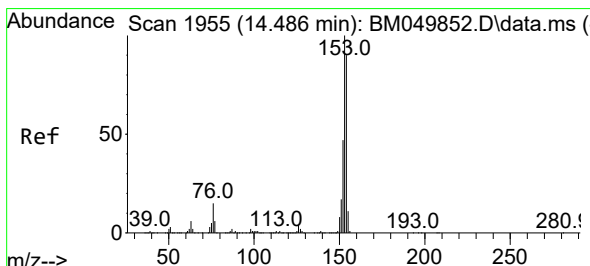
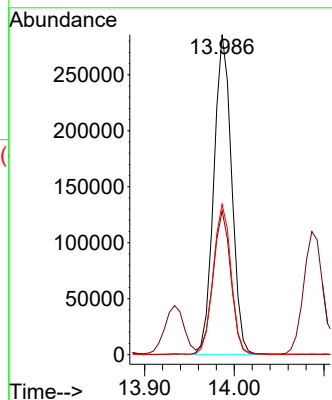
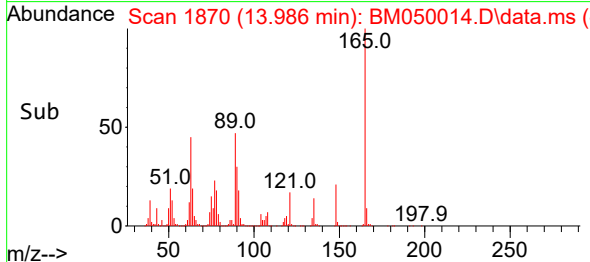
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion:165 Resp: 393074
Ion Ratio Lower Upper
165 100
63 45.0 36.1 54.1
89 47.0 38.3 57.5

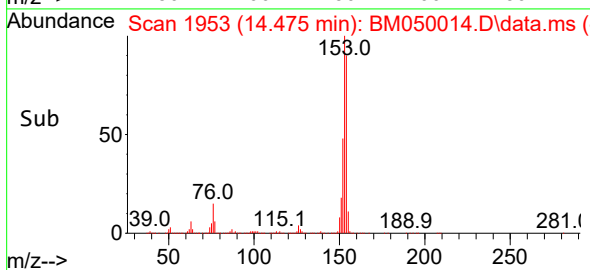
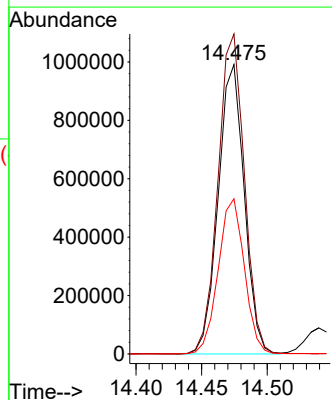
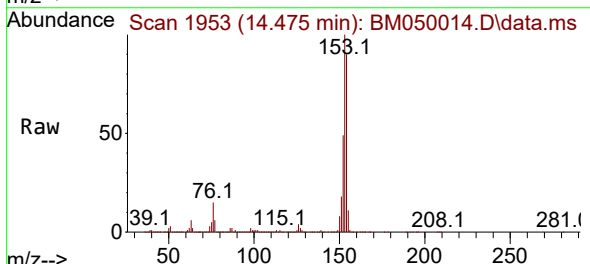
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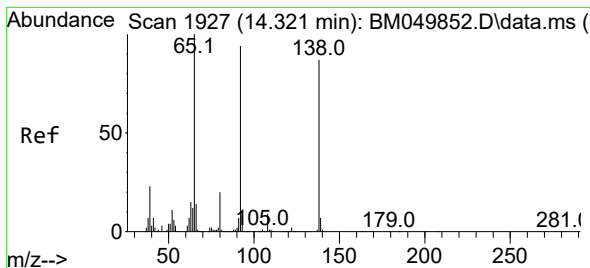
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#52
Acenaphthene
Concen: 43.862 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

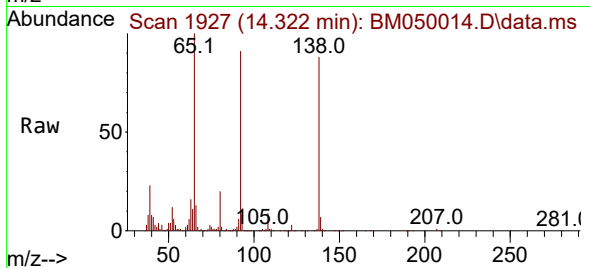
Tgt Ion:154 Resp: 1368281
Ion Ratio Lower Upper
154 100
153 110.6 89.3 133.9
152 53.6 42.2 63.2





#53
3-Nitroaniline
Concen: 21.487 ng
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

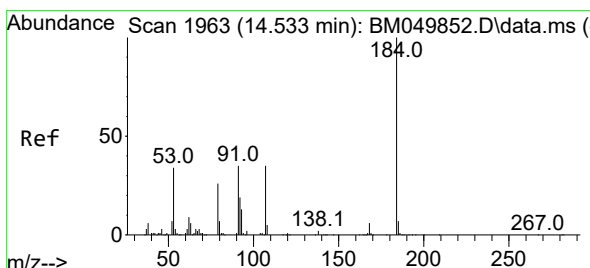
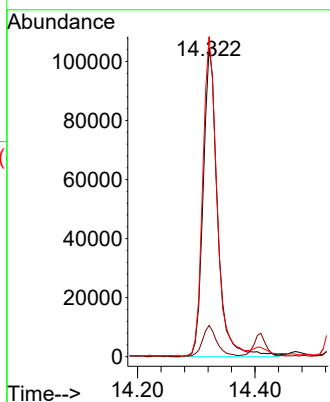
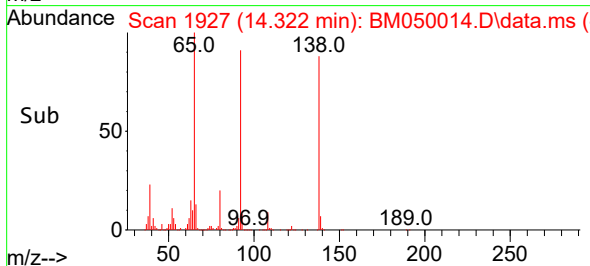
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



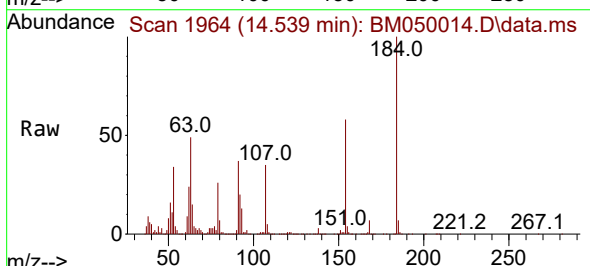
Tgt Ion:138 Resp: 176879
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 103.6 86.5 129.7

Manual Integrations
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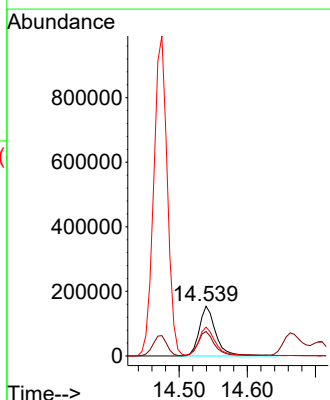
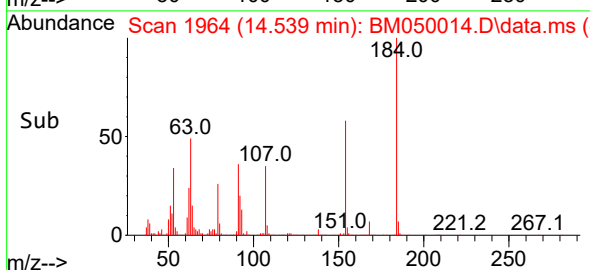
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

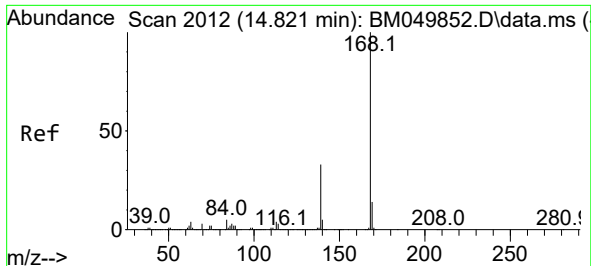


#54
2,4-Dinitrophenol
Concen: 45.484 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



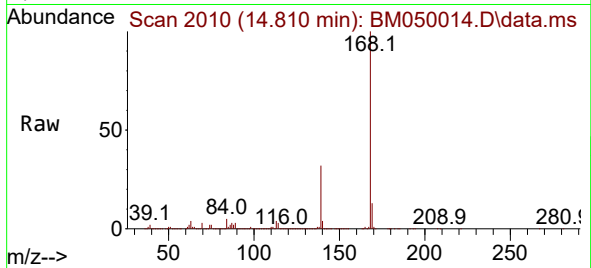
Tgt Ion:184 Resp: 259414
Ion Ratio Lower Upper
184 100
63 49.3 38.4 57.6
154 57.9 48.1 72.1





#55
Dibenzenofuran
Concen: 42.934 ng
RT: 14.810 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

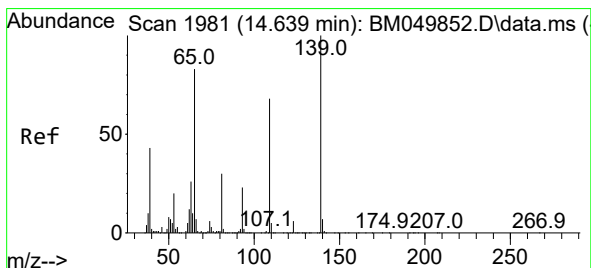
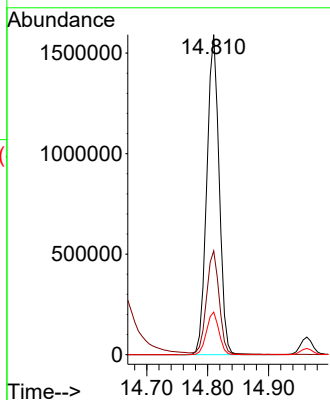
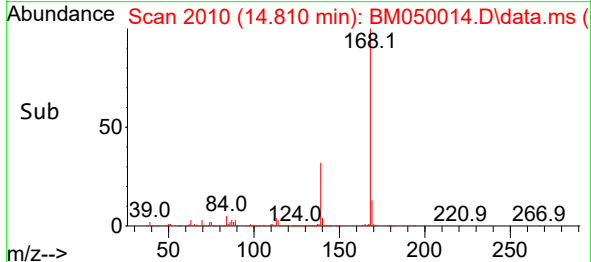
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion:168 Resp: 2238964
Ion Ratio Lower Upper
168 100
139 32.4 26.6 39.8
169 13.3 11.0 16.4

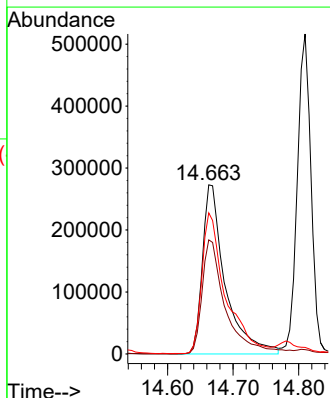
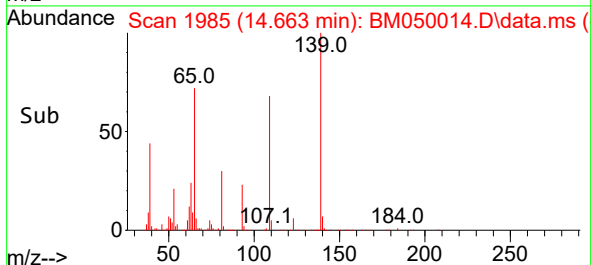
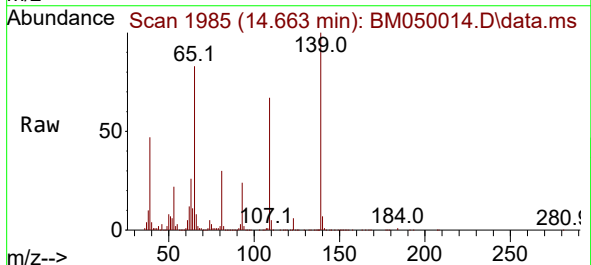
Manual Integrations
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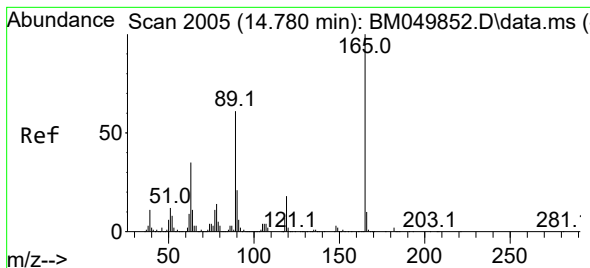
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#56
4-Nitrophenol
Concen: 90.085 ng
RT: 14.663 min Scan# 1985
Delta R.T. 0.024 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Tgt Ion:139 Resp: 660843
Ion Ratio Lower Upper
139 100
109 67.5 47.9 87.9
65 83.4 62.7 102.7





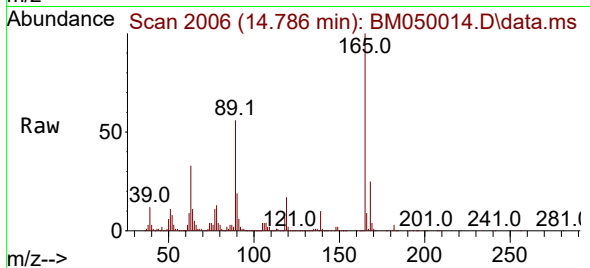
#57
2,4-Dinitrotoluene
Concen: 48.654 ng
RT: 14.786 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



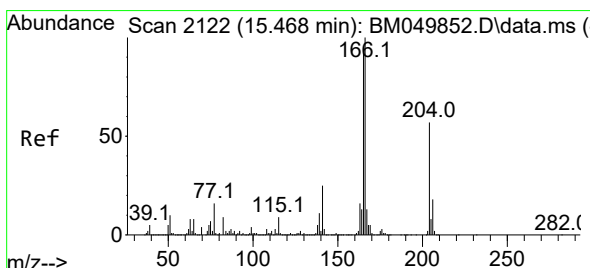
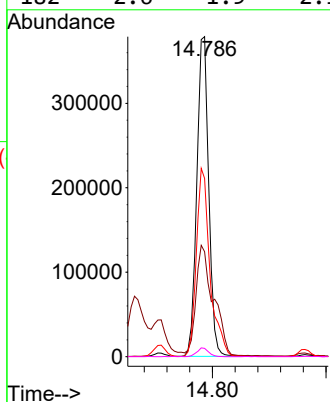
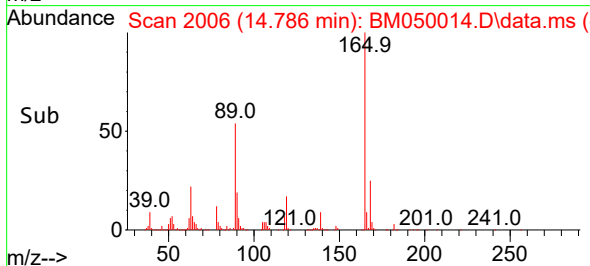
Tgt Ion:165 Resp: 552838
Ion Ratio Lower Upper
165 100
63 32.8 28.6 42.8
89 55.7 49.0 73.6
182 2.6 1.9 2.9

Manual Integrations

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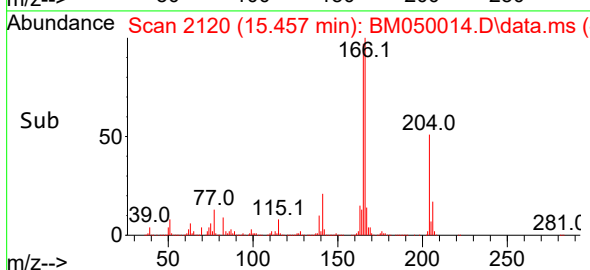
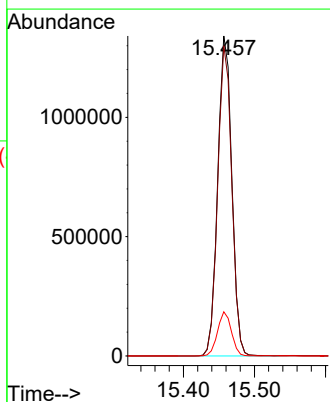
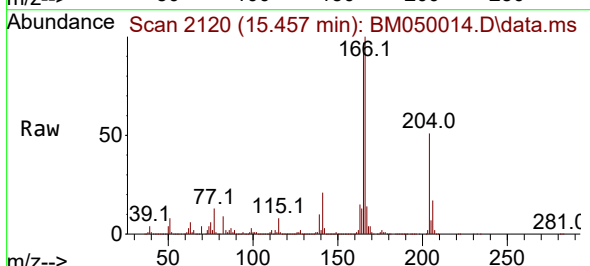
Reviewed By :Rahul Chavli 04/24/2025

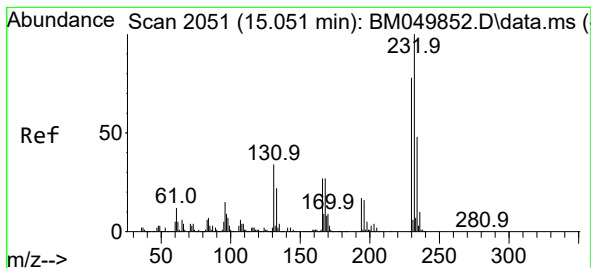
Supervised By :Jagrut Upadhyay 04/24/2025



#58
Fluorene
Concen: 44.387 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

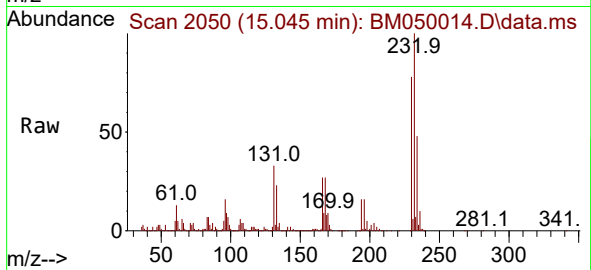
Tgt Ion:166 Resp: 1839953
Ion Ratio Lower Upper
166 100
165 96.9 76.3 114.5
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.560 ng
RT: 15.045 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

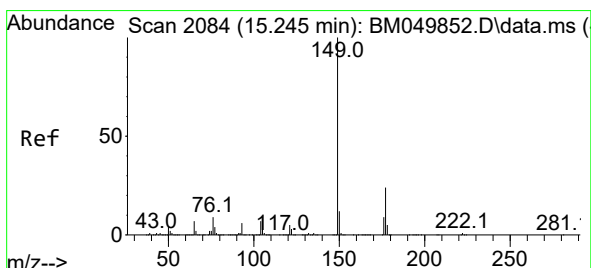
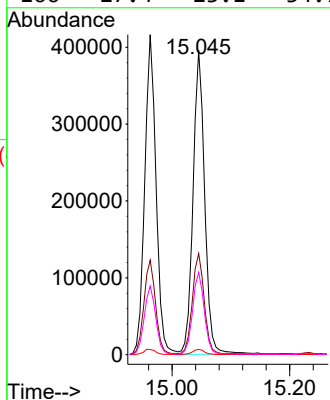
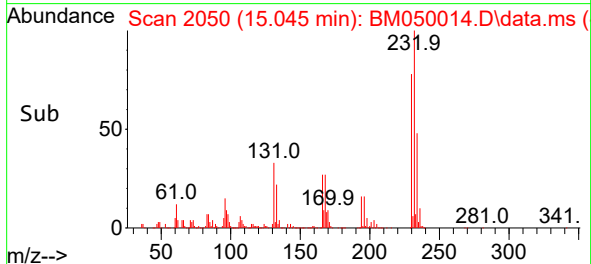
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



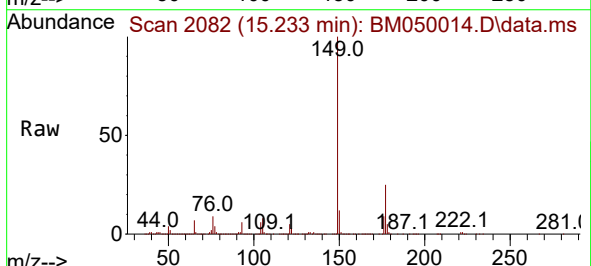
Tgt Ion:232 Resp: 544449
Ion Ratio Lower Upper
232 100
131 34.2 28.4 42.6
130 1.9 1.6 2.4
166 27.4 23.1 34.7

Manual Integrations
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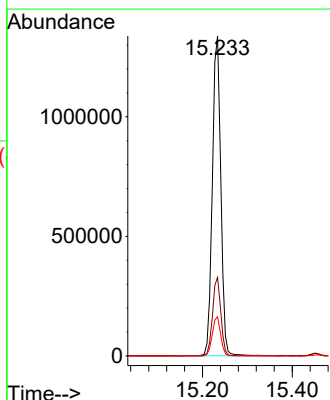
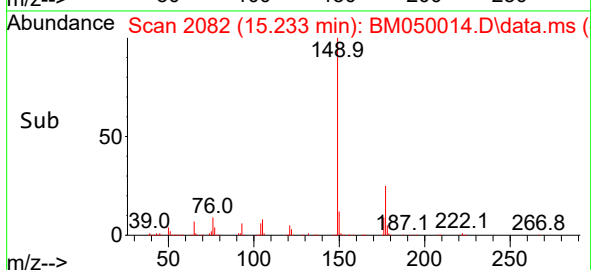
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

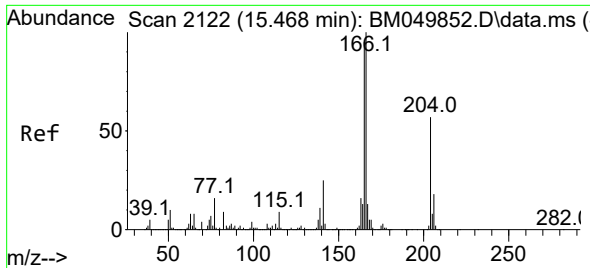


#60
Diethylphthalate
Concen: 44.850 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



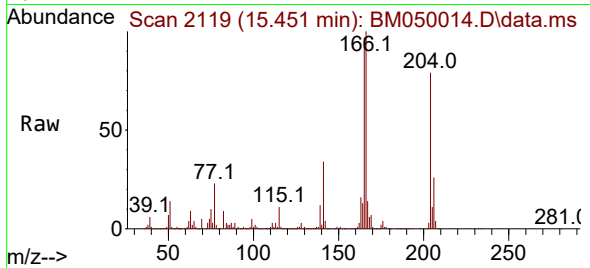
Tgt Ion:149 Resp: 1748483
Ion Ratio Lower Upper
149 100
177 24.6 19.0 28.4
150 12.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 45.194 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

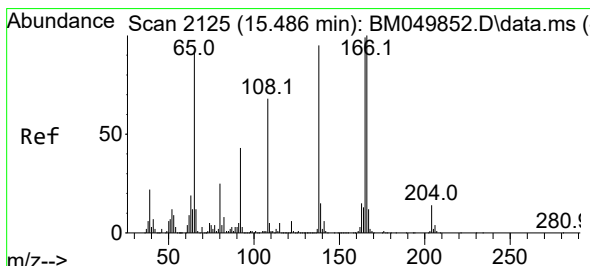
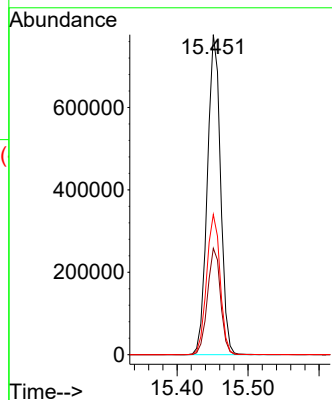
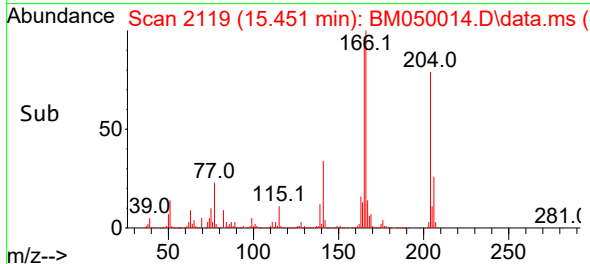
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



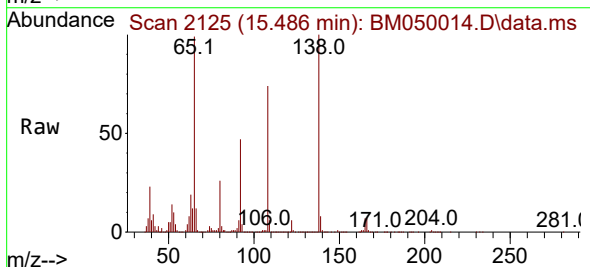
Tgt Ion:204 Resp: 100440
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 43.8 35.0 52.6

Manual Integrations
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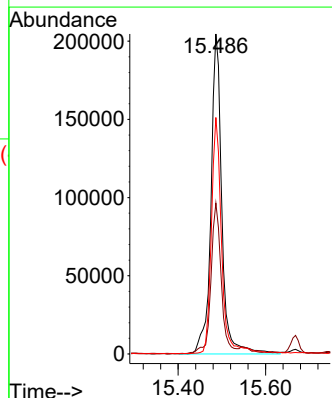
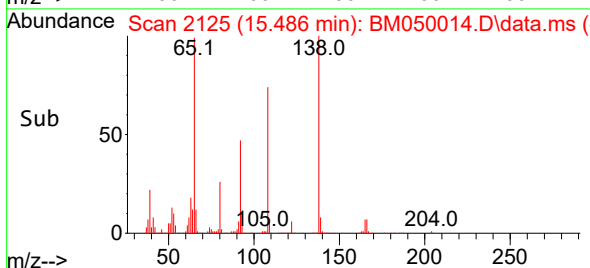
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

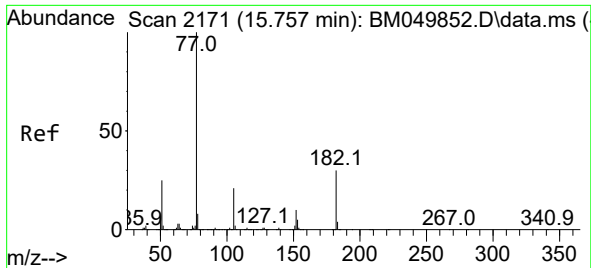


#62
4-Nitroaniline
Concen: 41.974 ng
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



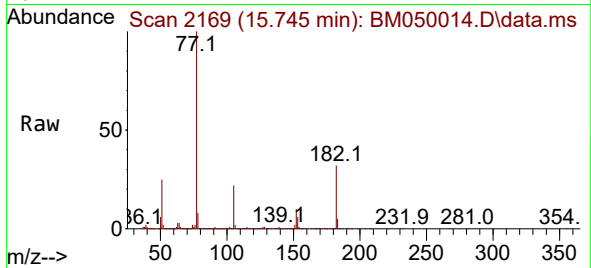
Tgt Ion:138 Resp: 357323
Ion Ratio Lower Upper
138 100
92 47.2 24.9 64.9
108 73.9 51.7 91.7





#63
Azobenzene
Concen: 49.966 ng
RT: 15.745 min Scan# 2171
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

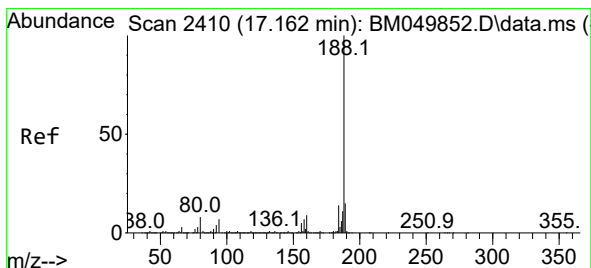
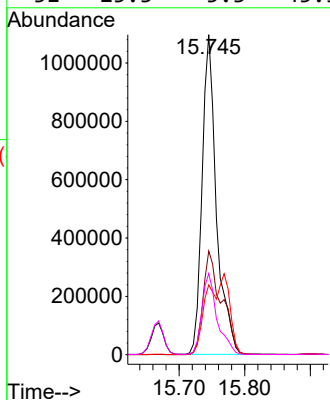
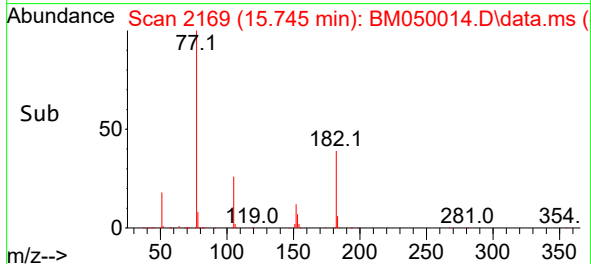
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



Tgt Ion: 77 Resp: 1667720
Ion Ratio Lower Upper
77 100
182 32.4 10.4 50.4
105 21.8 1.5 41.5
51 25.3 5.3 45.3

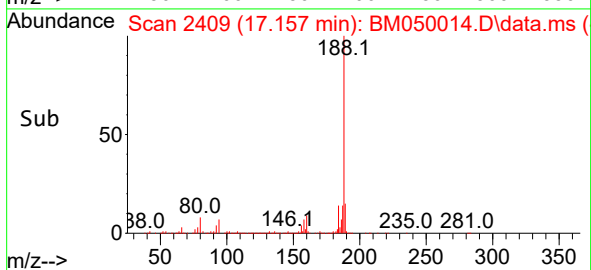
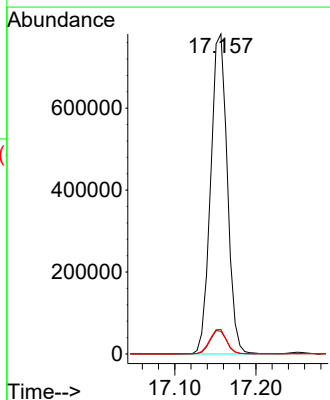
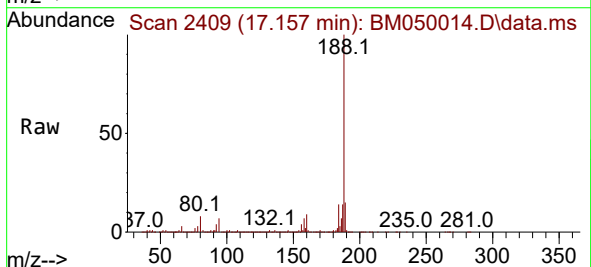
Manual Integrations
APPROVED

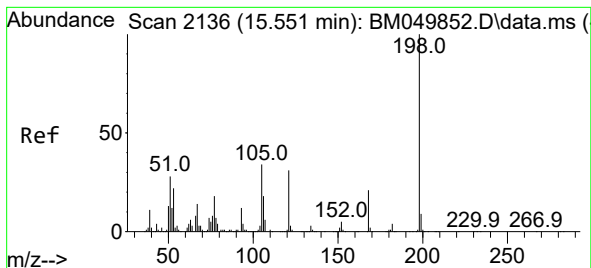
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

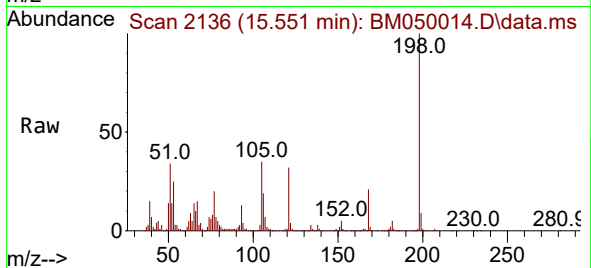
Tgt Ion:188 Resp: 1111719
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.7 6.4 9.6





#65
4,6-Dinitro-2-methylphenol
Concen: 30.320 ng
RT: 15.551 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

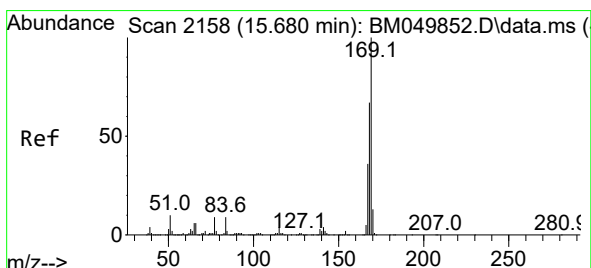
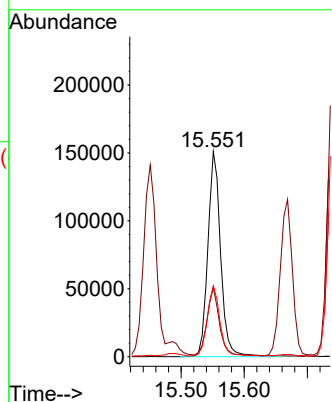
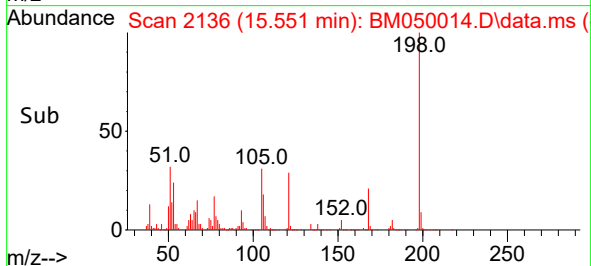
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



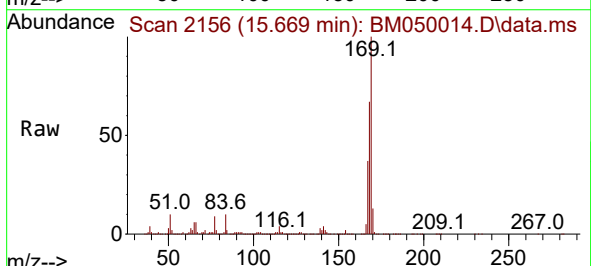
Tgt Ion:198 Resp: 212409
Ion Ratio Lower Upper
198 100
51 33.7 9.6 49.6
105 34.6 14.7 54.7

Manual Integrations
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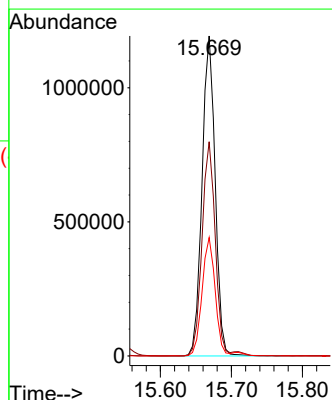
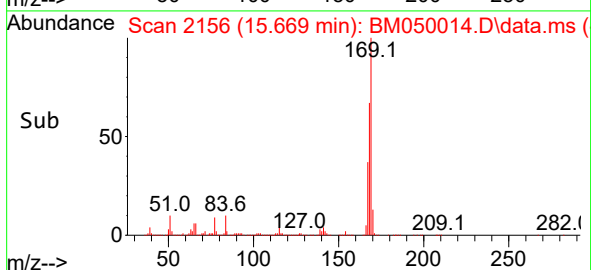
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

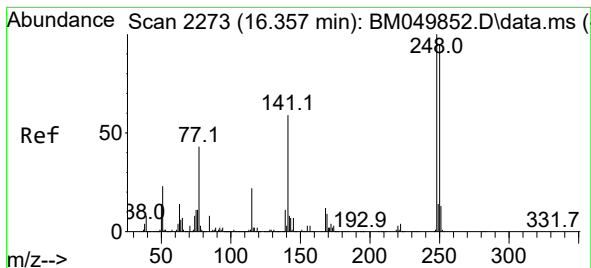


#66
n-Nitrosodiphenylamine
Concen: 46.226 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



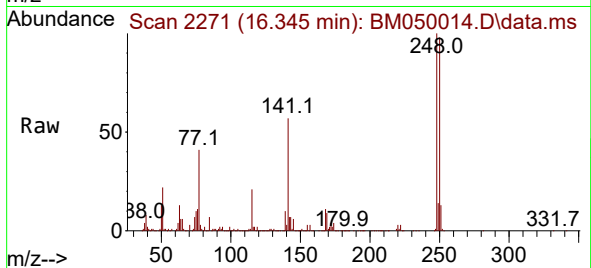
Tgt Ion:169 Resp: 1537908
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.028 ng
RT: 16.345 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

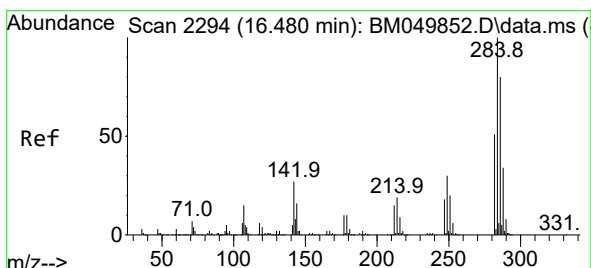
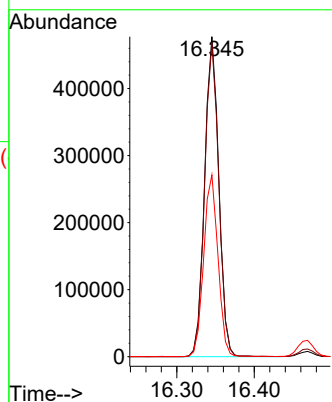
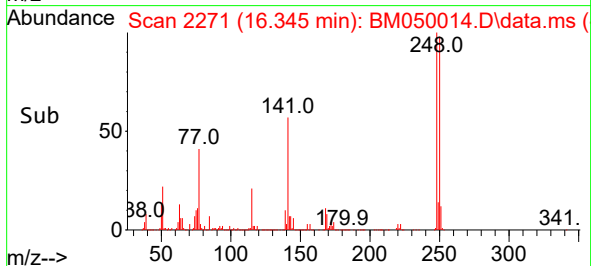
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



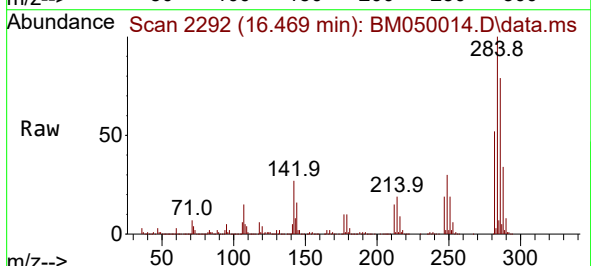
Tgt Ion:248 Resp: 60692
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.2
141 56.8 47.3 70.9

Manual Integrations
APPROVED

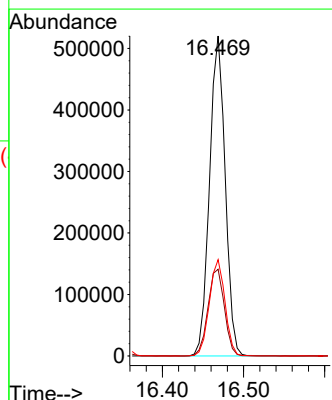
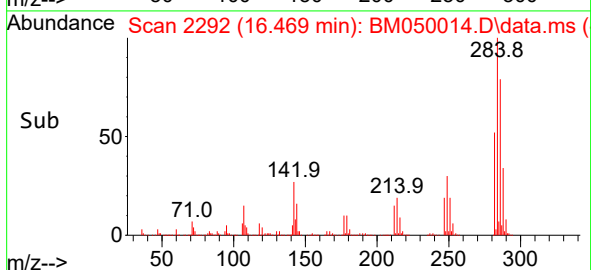
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

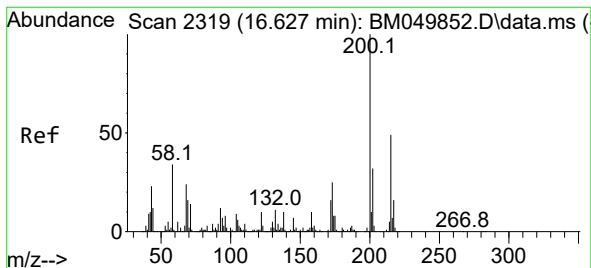


#68
Hexachlorobenzene
Concen: 47.045 ng
RT: 16.469 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



Tgt Ion:284 Resp: 696413
Ion Ratio Lower Upper
284 100
142 27.1 21.2 31.8
249 30.1 24.1 36.1





#69

Atrazine

Concen: 65.337 ng

RT: 16.622 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD

Tgt Ion:200 Resp: 56360

Ion Ratio Lower Upper

200 100

173 25.4 5.4 45.4

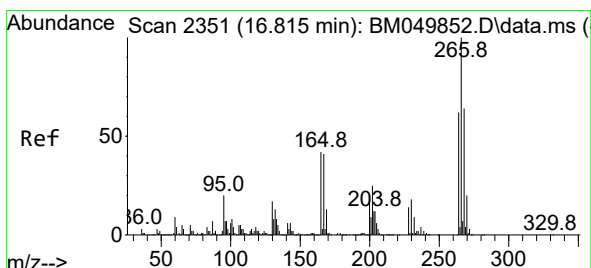
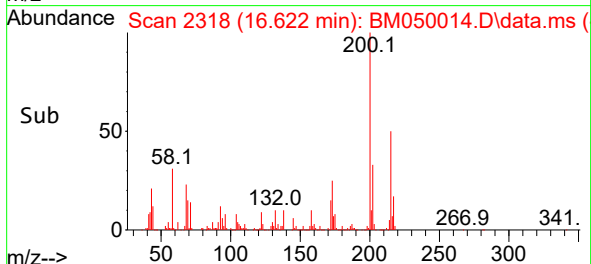
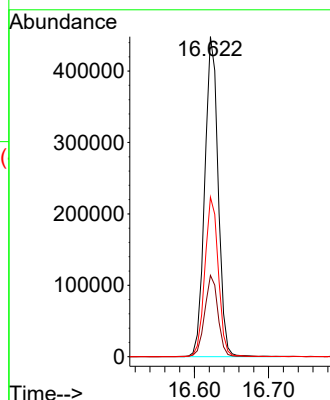
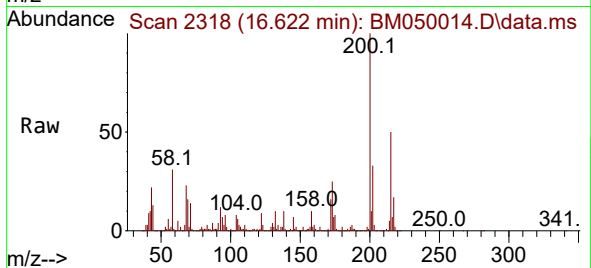
215 49.9 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#70

Pentachlorophenol

Concen: 90.624 ng

RT: 16.816 min Scan# 2351

Delta R.T. 0.000 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

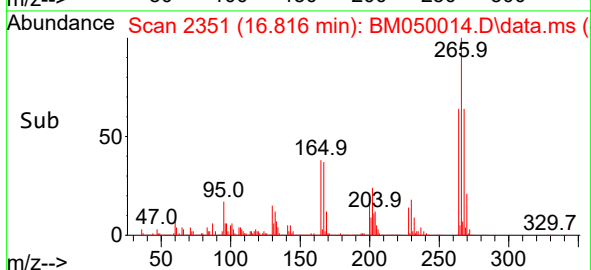
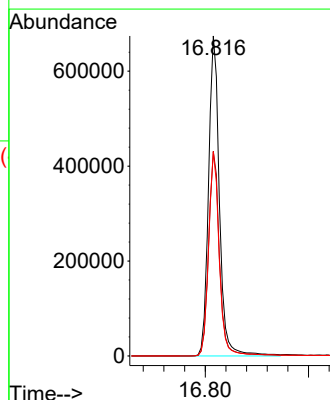
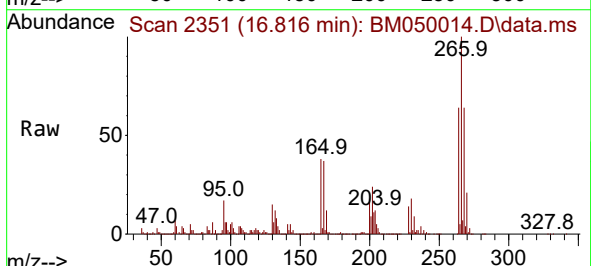
Tgt Ion:266 Resp: 987653

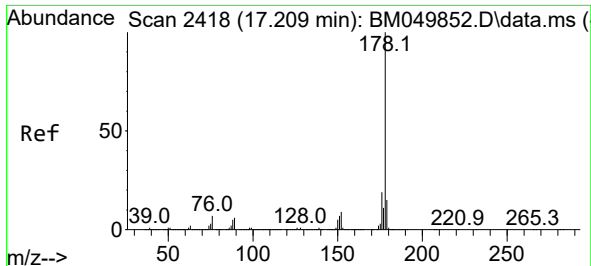
Ion Ratio Lower Upper

266 100

268 63.9 51.4 77.2

264 63.9 49.8 74.8





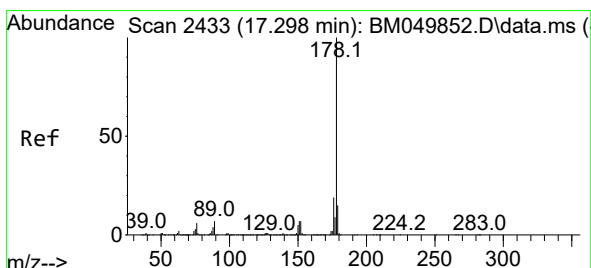
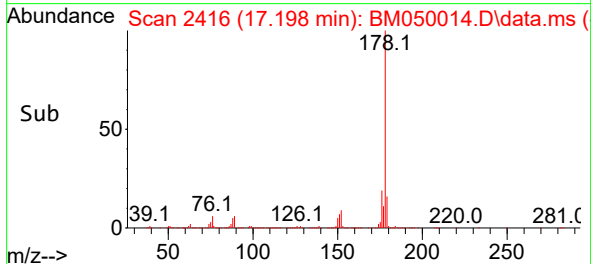
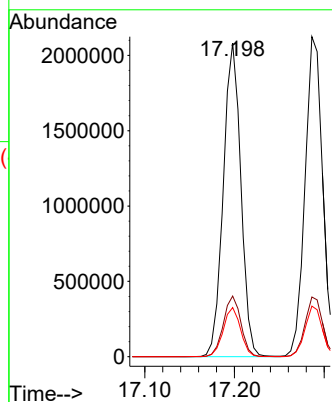
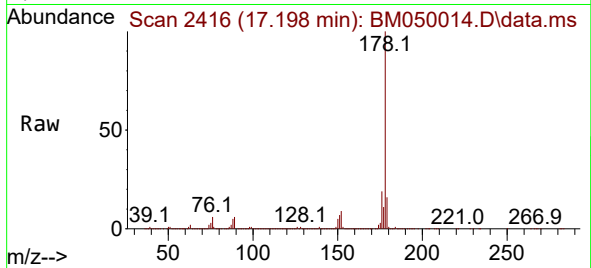
#71
Phenanthrene
Concen: 46.419 ng
RT: 17.198 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Instrument :
BNA_M
ClientSampleId :
72-12013MSD

Tgt Ion:178 Resp: 282918
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.3 18.5

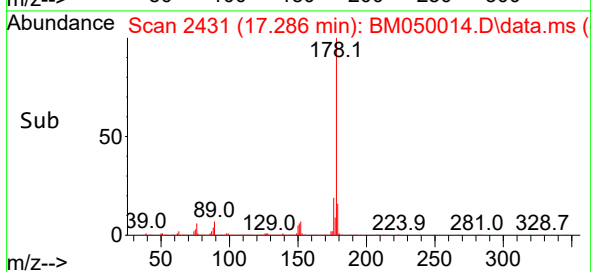
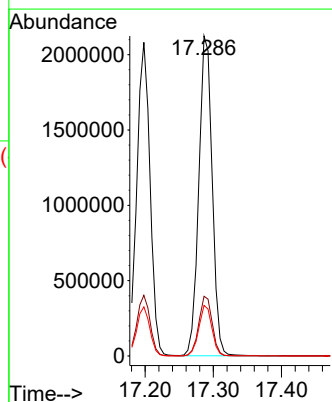
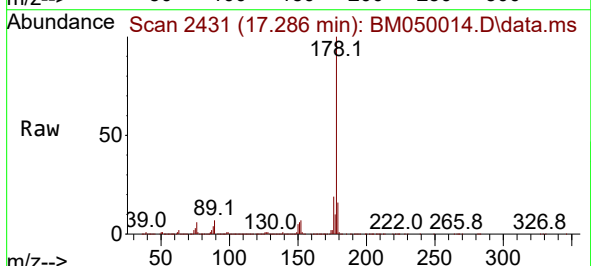
Manual Integrations
APPROVED

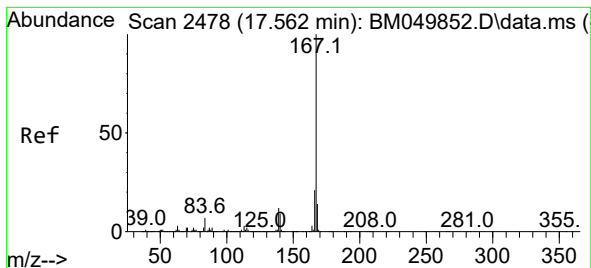
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#72
Anthracene
Concen: 48.286 ng
RT: 17.286 min Scan# 2431
Delta R.T. -0.011 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

Tgt Ion:178 Resp: 2900234
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.8 12.4 18.6





#73

Carbazole

Concen: 46.309 ng

RT: 17.563 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BM050014.D

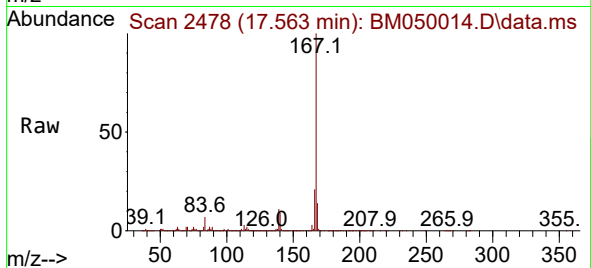
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



Tgt Ion:167 Resp: 2619834

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

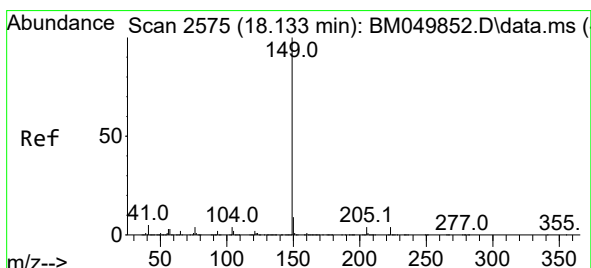
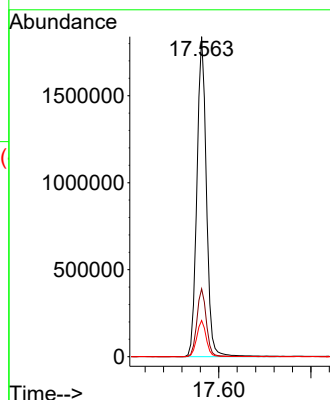
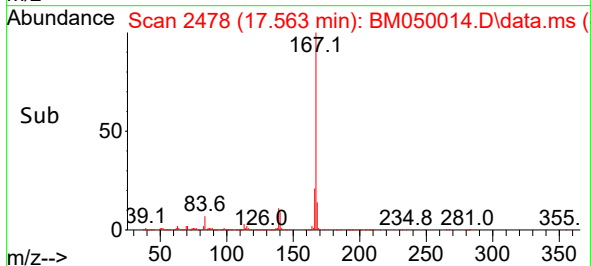
139 11.3 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#74

Di-n-butylphthalate

Concen: 46.270 ng

RT: 18.121 min Scan# 2573

Delta R.T. -0.012 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

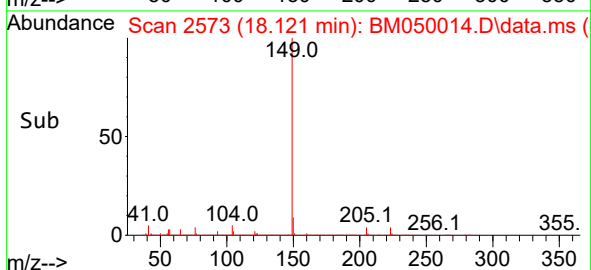
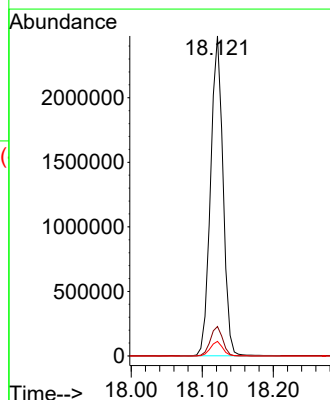
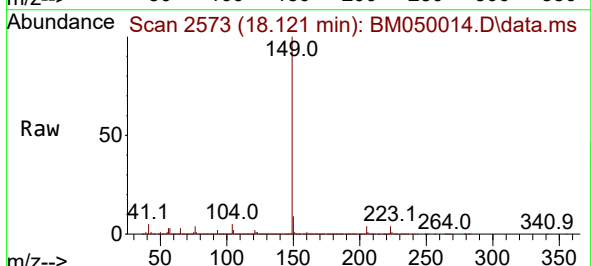
Tgt Ion:149 Resp: 3014992

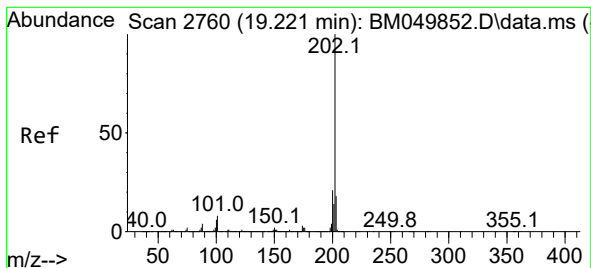
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

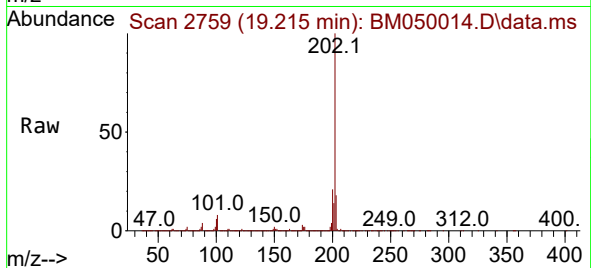
104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 47.198 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

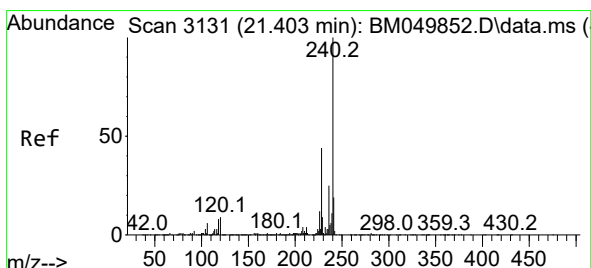
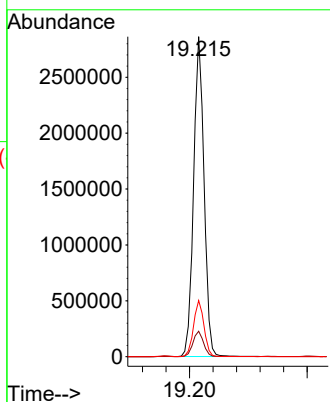
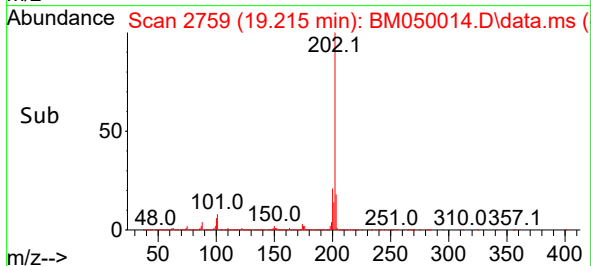
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



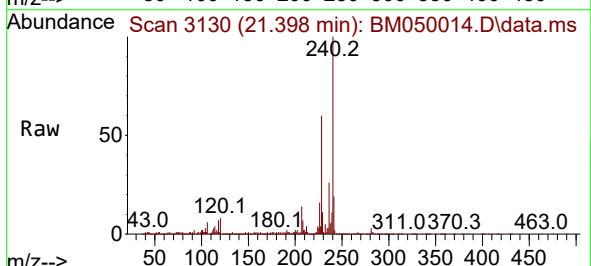
Tgt Ion:202 Resp: 3536949
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.4
203 17.5 0.0 37.8

Manual Integrations
APPROVED

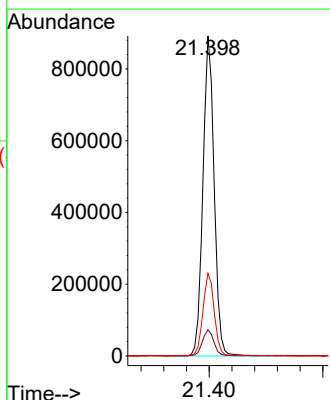
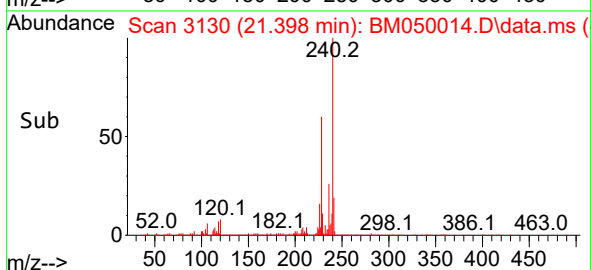
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

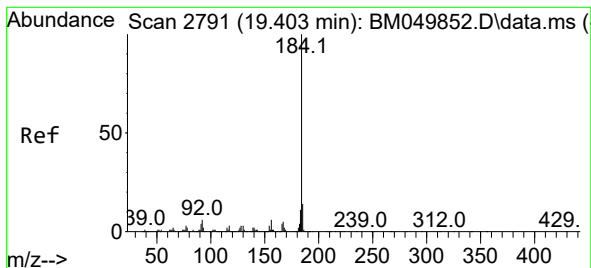


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



Tgt Ion:240 Resp: 1219355
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.8 20.4 30.6





#77

Benzidine

Concen: 86.715 ng

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050014.D

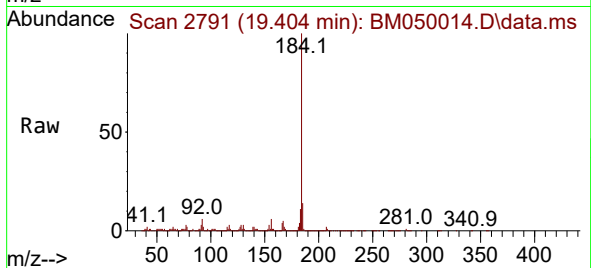
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



Tgt Ion:184 Resp: 1402740

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

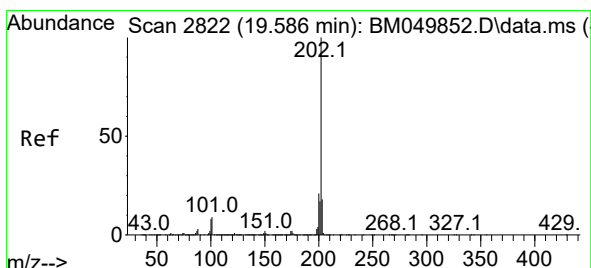
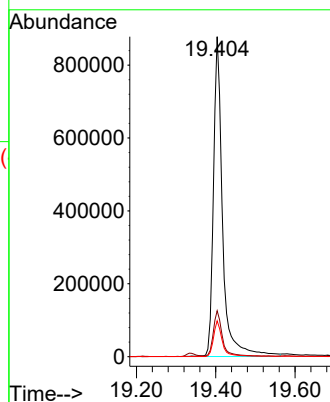
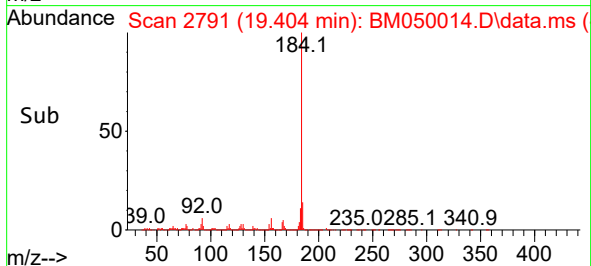
183 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#78

Pyrene

Concen: 44.210 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

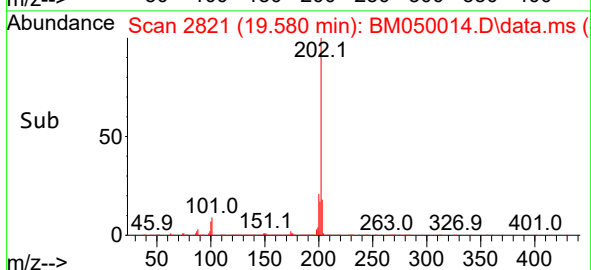
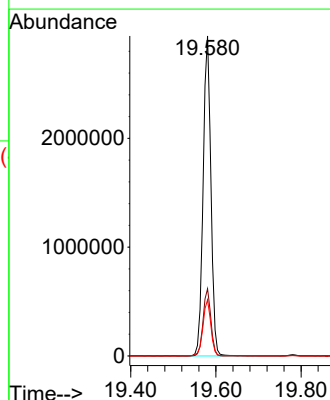
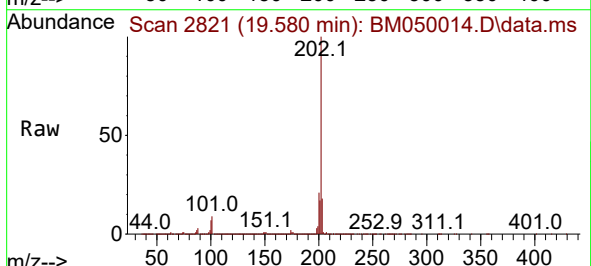
Tgt Ion:202 Resp: 3715192

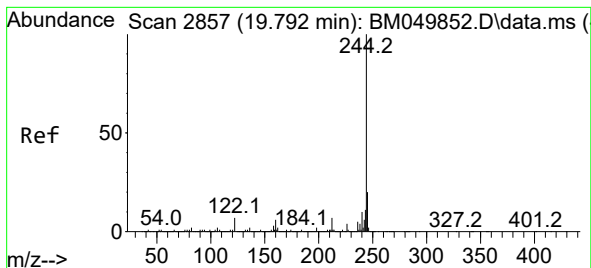
Ion Ratio Lower Upper

202 100

200 21.0 16.5 24.7

203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 63.148 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050014.D

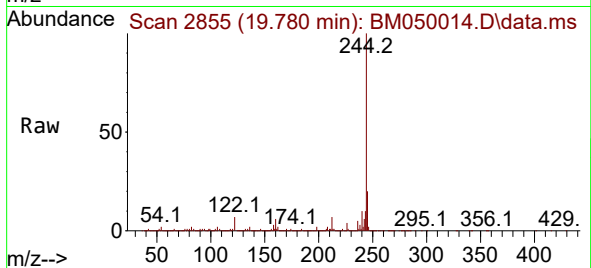
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



Tgt Ion:244 Resp: 4108760

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

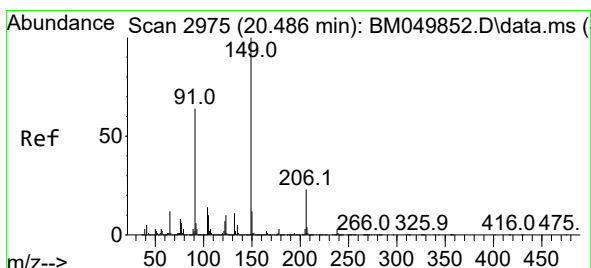
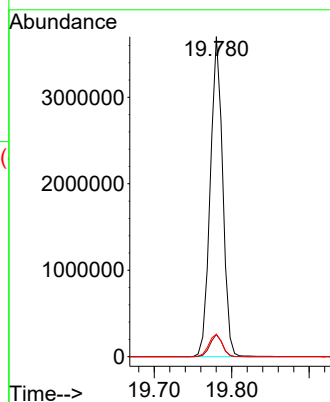
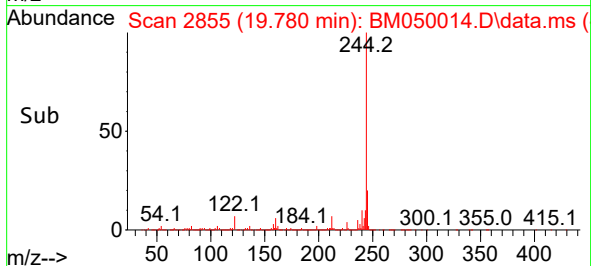
122 7.0 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#80

Butylbenzylphthalate

Concen: 43.558 ng

RT: 20.474 min Scan# 2973

Delta R.T. -0.011 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

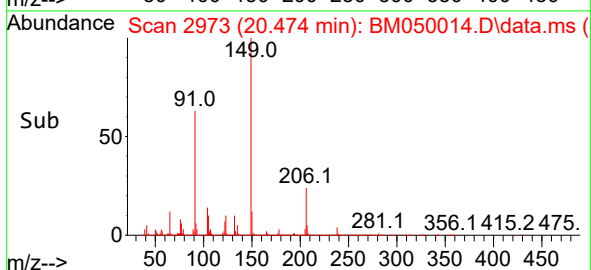
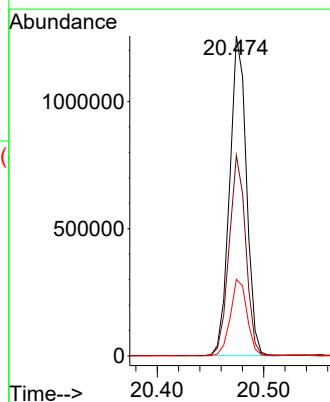
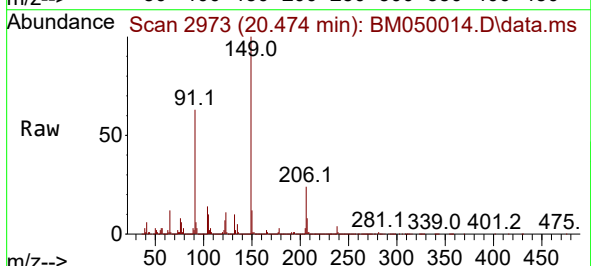
Tgt Ion:149 Resp: 1375415

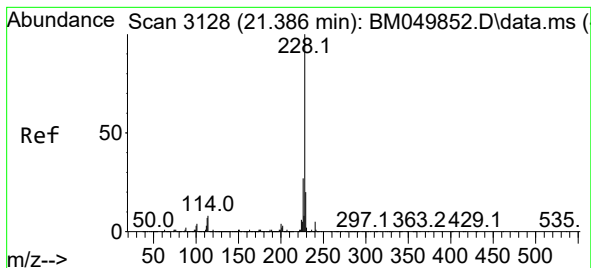
Ion Ratio Lower Upper

149 100

91 62.7 50.9 76.3

206 24.0 18.4 27.6





#81

Benzo(a)anthracene

Concen: 48.049 ng

RT: 21.380 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD

Tgt Ion:228 Resp: 389378

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

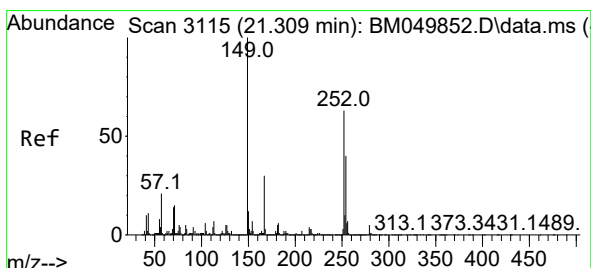
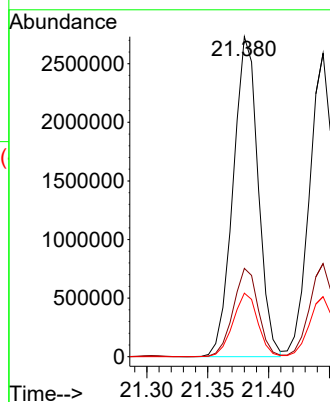
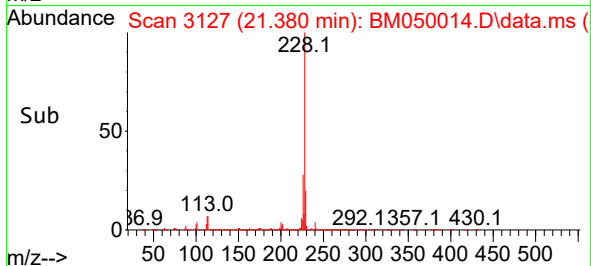
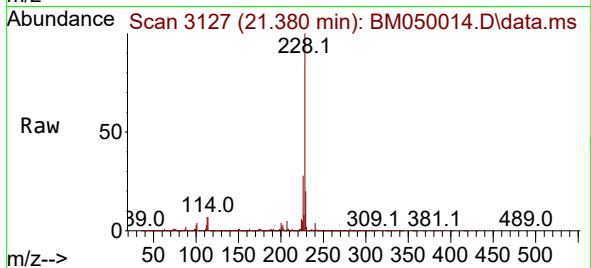
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#82

3,3'-Dichlorobenzidine

Concen: 26.619 ng

RT: 21.304 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

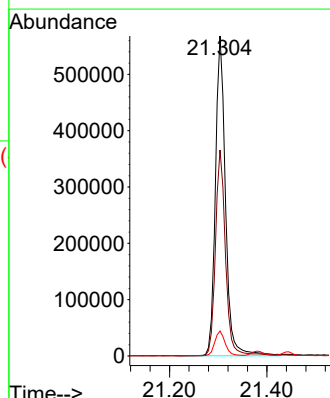
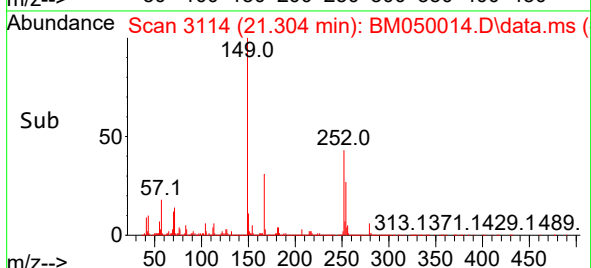
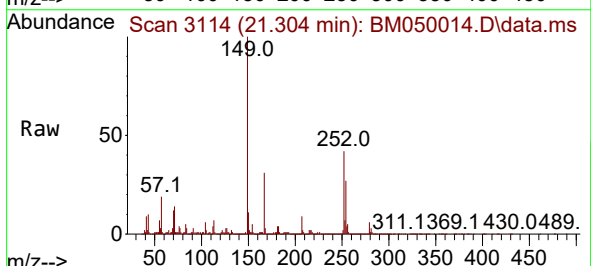
Tgt Ion:252 Resp: 814630

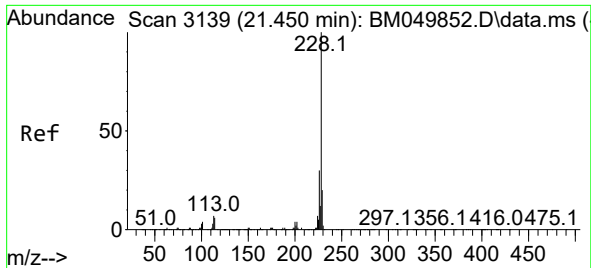
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

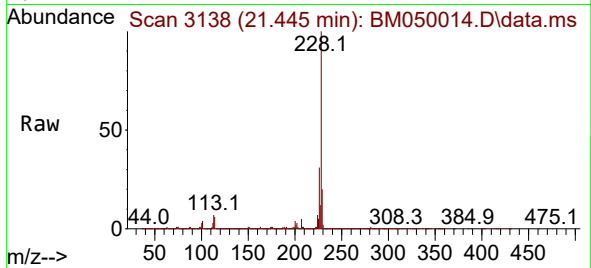
126 7.8 6.3 9.5





#83
Chrysene
Concen: 46.599 ng
RT: 21.445 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

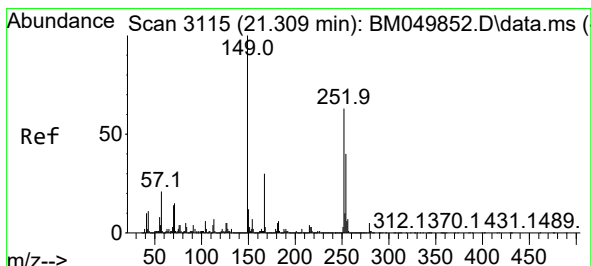
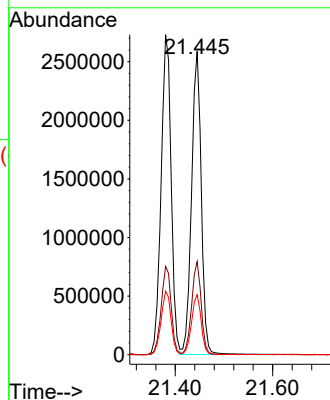
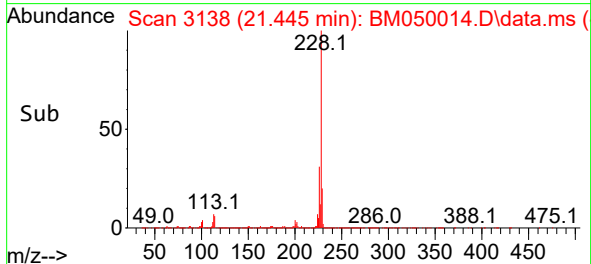
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



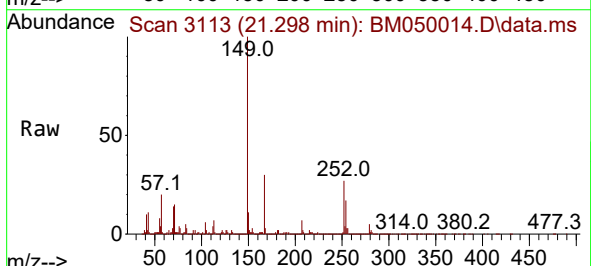
Tgt Ion:228 Resp: 359011
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 19.8 15.8 23.6

Manual Integrations
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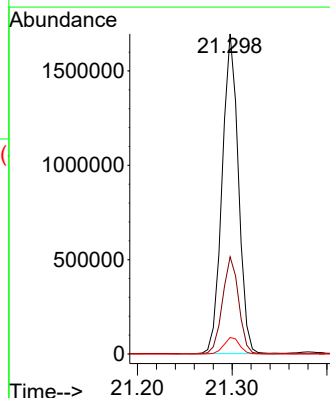
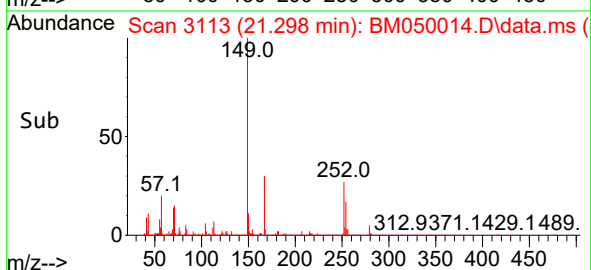
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

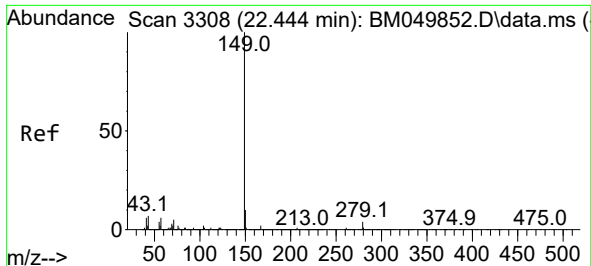


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.962 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



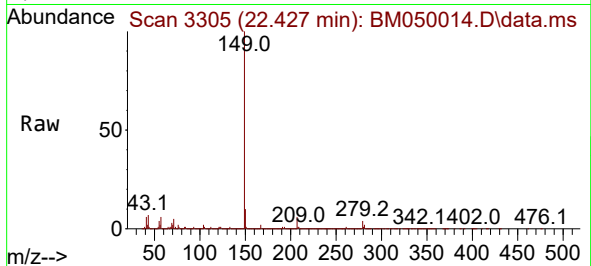
Tgt Ion:149 Resp: 2022532
Ion Ratio Lower Upper
149 100
167 30.4 23.8 35.6
279 5.1 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 42.399 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

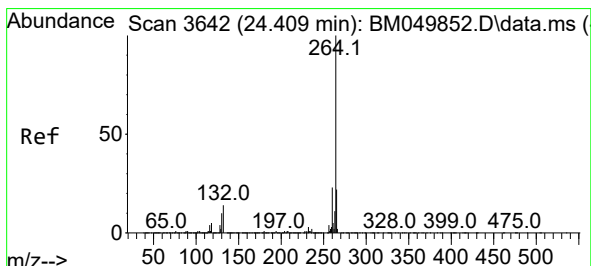
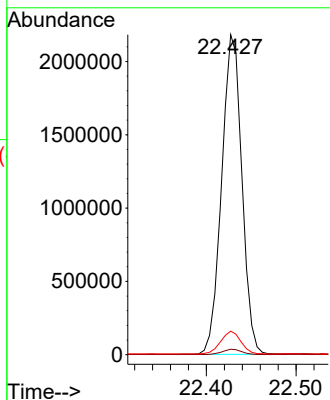
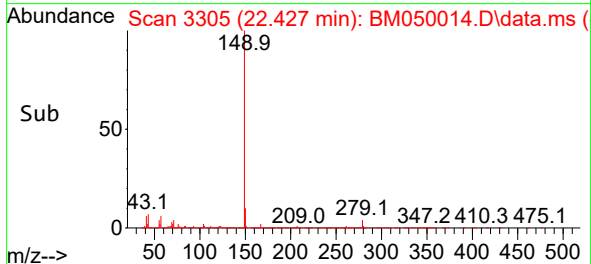
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



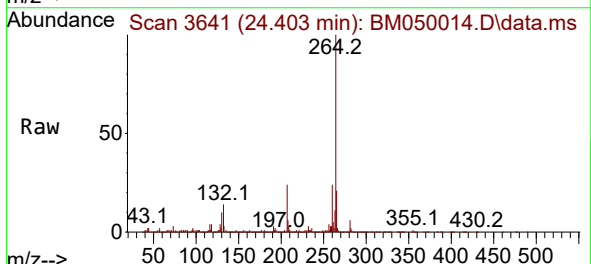
Tgt Ion:149 Resp: 3412440
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.0 5.8 8.6

Manual Integrations
APPROVED

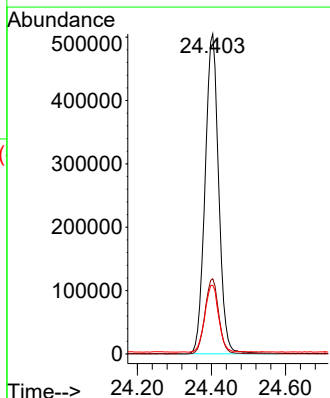
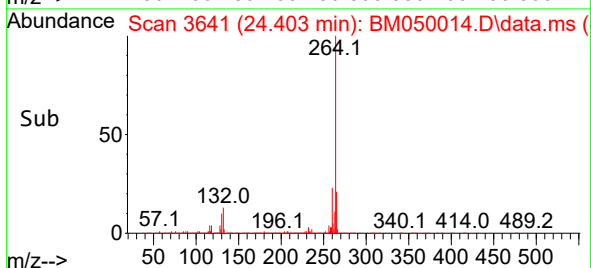
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

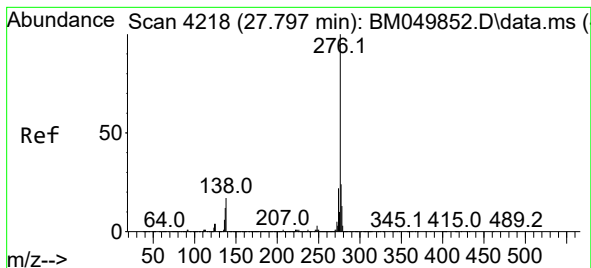


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



Tgt Ion:264 Resp: 1284687
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.370 ng

RT: 27.803 min Scan# 4218

Delta R.T. 0.006 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD

Tgt Ion:276 Resp: 4536229

Ion Ratio Lower Upper

276 100

138 20.0 16.8 25.2

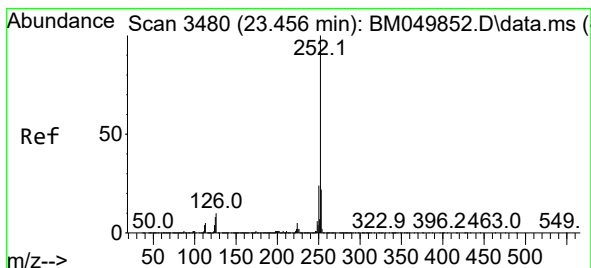
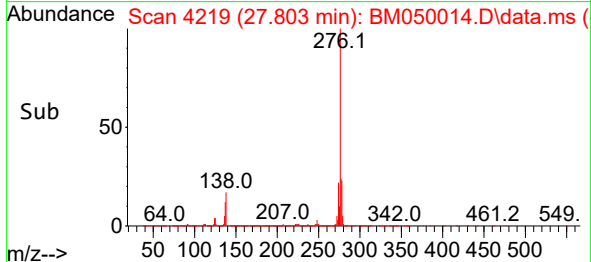
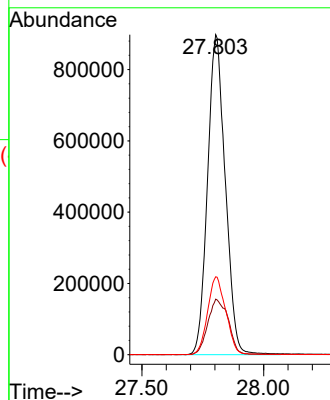
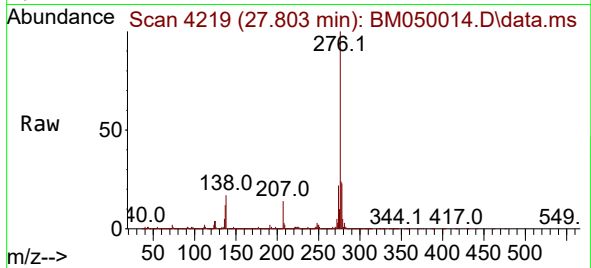
277 24.9 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#88

Benzo(b)fluoranthene

Concen: 46.802 ng

RT: 23.456 min Scan# 3480

Delta R.T. 0.000 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

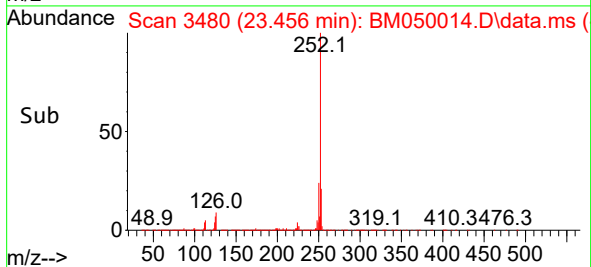
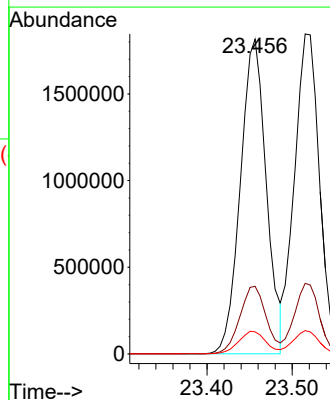
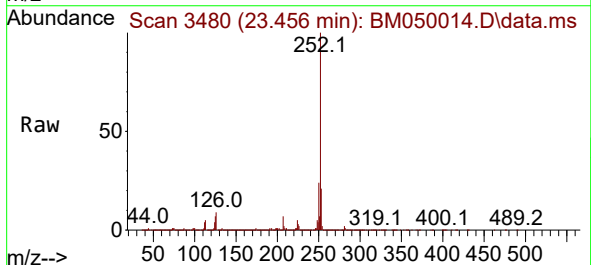
Tgt Ion:252 Resp: 3839997

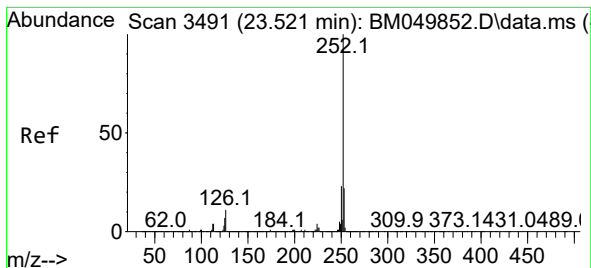
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 7.0 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 47.564 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM050014.D

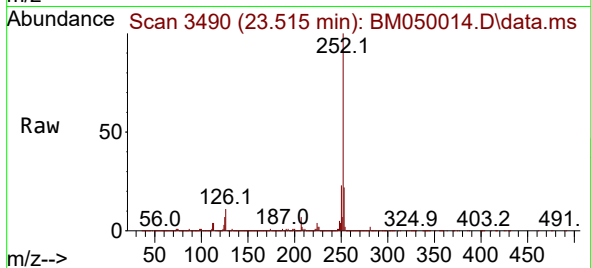
Acq: 23 Apr 2025 15:16

Instrument :

BNA_M

ClientSampleId :

72-12013MSD



Tgt Ion:252 Resp: 378183

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

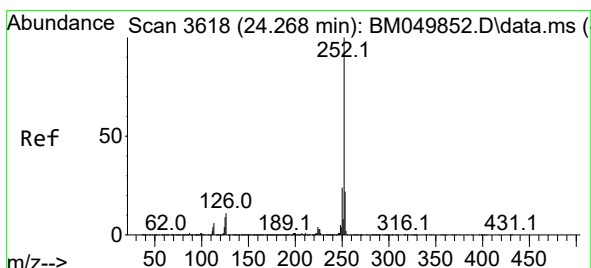
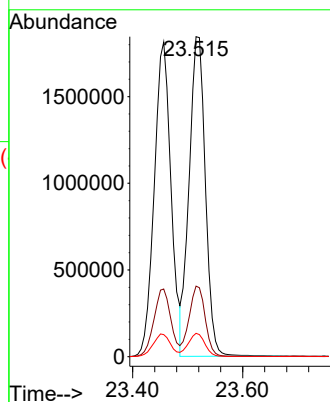
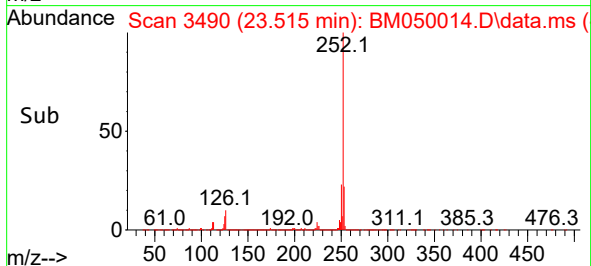
125 7.3 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/24/2025

Supervised By :Jagrut Upadhyay 04/24/2025



#90

Benzo(a)pyrene

Concen: 49.723 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.006 min

Lab File: BM050014.D

Acq: 23 Apr 2025 15:16

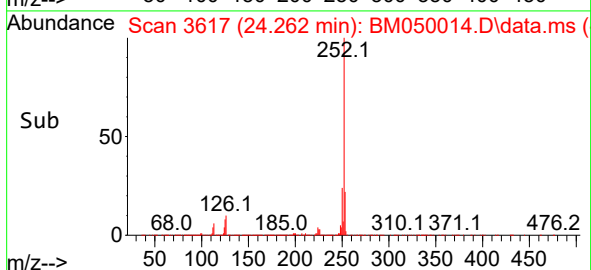
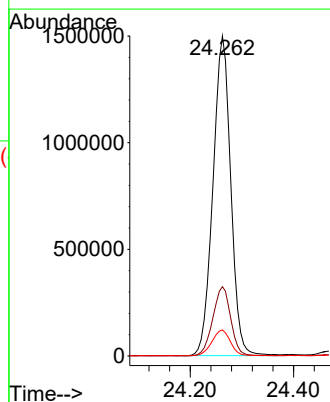
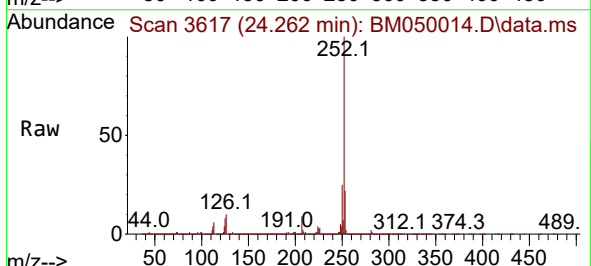
Tgt Ion:252 Resp: 3584913

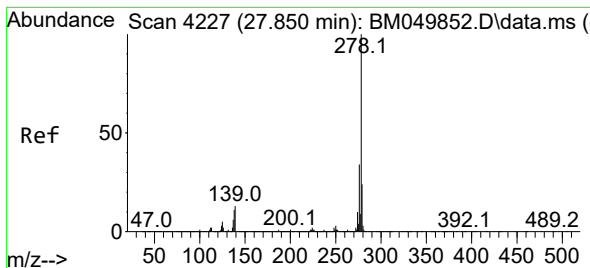
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

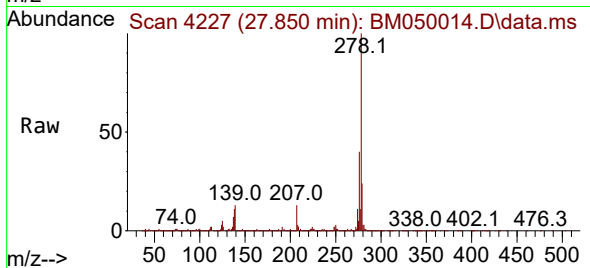
125 8.1 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 46.826 ng
RT: 27.850 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16

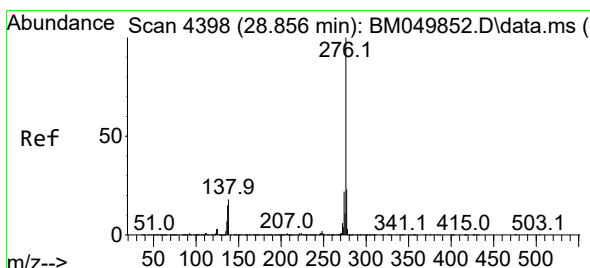
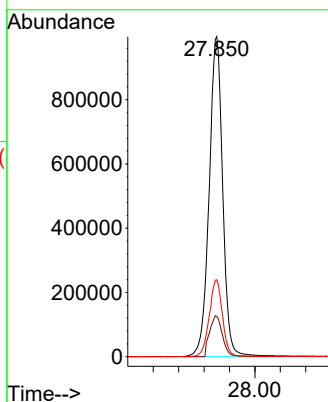
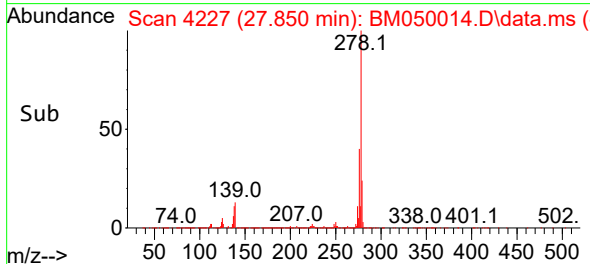
Instrument :
BNA_M
ClientSampleId :
72-12013MSD



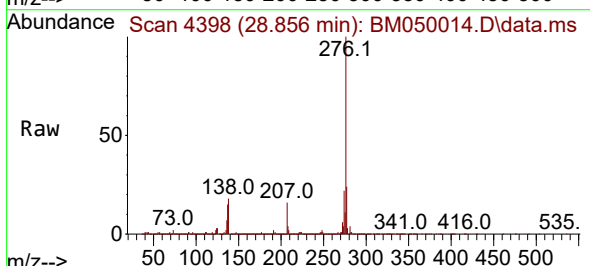
Tgt Ion:278 Resp: 3693540
Ion Ratio Lower Upper
278 100
139 12.6 10.6 15.8
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



#92
Benzo(g,h,i)perylene
Concen: 43.419 ng
RT: 28.856 min Scan# 4398
Delta R.T. 0.000 min
Lab File: BM050014.D
Acq: 23 Apr 2025 15:16



Tgt Ion:276 Resp: 3499678
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 17.5 14.6 21.8

