

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049915.D
 Acq On : 14 Apr 2025 15:50
 Operator : RC/JU
 Sample : Q1756-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9MSD

Quant Time: Apr 14 16:36:32 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

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli

04/15/2025

Supervised By :Jagrut

Upadhyay

04/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	386906	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1374460	20.000	ng	-0.01
39) Acenaphthene-d10	14.415	164	902834	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1855729	20.000	ng	0.00
76) Chrysene-d12	21.397	240	2089904	20.000	ng	0.00
86) Perylene-d12	24.391	264	2215771	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2627918	115.336	ng	0.00
7) Phenol-d6	6.951	99	3036094	107.098	ng	0.00
23) Nitrobenzene-d5	8.928	82	2029085	82.207	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1824678	138.948	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5384486	80.872	ng	-0.01
79) Terphenyl-d14	19.786	244	8565102	76.805	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	346783	36.956	ng	# 84
3) Pyridine	3.669	79	950729	38.563	ng	98
4) n-Nitrosodimethylamine	3.563	42	406929	43.371	ng	98
6) Aniline	7.110	93	722177	29.730	ng	100
8) 2-Chlorophenol	7.345	128	1102676	47.223	ng	98
9) Benzaldehyde	6.910	77	365851	25.148	ng	98
10) Phenol	6.981	94	1189850	43.010	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	1261531	58.151	ng	94
12) 1,3-Dichlorobenzene	7.663	146	1236340	44.784	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1239910	44.637	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1203965	46.017	ng	99
15) Benzyl Alcohol	8.016	79	830209	46.507	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1185574	49.031	ng	100
17) 2-Methylphenol	8.228	107	850538	49.891	ng	100
18) Hexachloroethane	8.851	117	426315	44.113	ng	97
19) n-Nitroso-di-n-propyla...	8.581	70	778959	49.612	ng	99
20) 3+4-Methylphenols	8.551	107	1144812	49.256	ng	99
22) Acetophenone	8.592	105	1538964	46.072	ng	99
24) Nitrobenzene	8.969	77	1086481	45.714	ng	99
25) Isophorone	9.498	82	2132453	51.573	ng	99
26) 2-Nitrophenol	9.680	139	596798	47.376	ng	99
27) 2,4-Dimethylphenol	9.751	122	975939	68.362	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1318189	47.619	ng	99
29) 2,4-Dichlorophenol	10.228	162	1136517	47.893	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1238531	45.115	ng	100
31) Naphthalene	10.616	128	3124028	44.234	ng	100
32) Benzoic acid	9.904	122	606506	36.716	ng	98
33) 4-Chloroaniline	10.769	127	875830	35.119	ng	98
34) Hexachlorobutadiene	10.904	225	772184	45.473	ng	97
35) Caprolactam	11.527	113	277651m	40.794	ng	
36) 4-Chloro-3-methylphenol	11.869	107	997266	47.976	ng	98
37) 2-Methylnaphthalene	12.233	142	2123237	42.670	ng	100
38) 1-Methylnaphthalene	12.451	142	2225386	45.905	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1476792	46.756	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1669521	150.846	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	989893	49.251	ng	99

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Reviewed By :Rahul
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04/15/2025

Supervised By :Jagrut

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 QLast Update : Wed Apr 09 04:00:55 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1075419	49.237	ng	99
46) 1,1'-Biphenyl	13.245	154	3114539	46.407	ng	99
47) 2-Chloronaphthalene	13.286	162	2462397	46.680	ng	98
48) 2-Nitroaniline	13.492	65	630622	51.675	ng	96
49) Acenaphthylene	14.139	152	3947560	51.374	ng	100
50) Dimethylphthalate	13.874	163	3120872	48.998	ng	99
51) 2,6-Dinitrotoluene	13.992	165	682439	51.139	ng	96
52) Acenaphthene	14.480	154	2295470	46.965	ng	99
53) 3-Nitroaniline	14.321	138	599632	46.491	ng	98
54) 2,4-Dinitrophenol	14.533	184	952990	96.932	ng	95
55) Dibenzofuran	14.815	168	3795321	46.451	ng	98
56) 4-Nitrophenol	14.651	139	1115513	97.056	ng	99
57) 2,4-Dinitrotoluene	14.780	165	978868	54.984	ng	98
58) Fluorene	15.462	166	3189740	49.113	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	942177	49.216	ng	98
60) Diethylphthalate	15.239	149	2980940	48.803	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1743805	50.080	ng	99
62) 4-Nitroaniline	15.486	138	684001	51.282	ng	99
63) Azobenzene	15.751	77	2475526	47.338	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	596367	50.998	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2729914	49.157	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	1058126	49.117	ng	96
68) Hexachlorobenzene	16.474	284	1231470	49.836	ng	98
69) Atrazine	16.627	200	985614	68.449	ng	99
70) Pentachlorophenol	16.815	266	1840393	101.164	ng	99
71) Phenanthrene	17.204	178	5083346	49.965	ng	100
72) Anthracene	17.292	178	5148994	51.356	ng	100
73) Carbazole	17.562	167	4785383	50.674	ng	99
74) Di-n-butylphthalate	18.127	149	5463252	50.228	ng	100
75) Fluoranthene	19.215	202	6478811	51.792	ng	99
77) Benzidine	19.403	184	1968161	70.987	ng	100
78) Pyrene	19.580	202	6728833	46.717	ng	99
80) Butylbenzylphthalate	20.480	149	2593100	47.913	ng	96
81) Benzo(a)anthracene	21.380	228	7075814	50.944	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	1721537	32.821	ng	99
83) Chrysene	21.439	228	6512071	49.316	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	3743319	47.473	ng	# 97
85) Di-n-octyl phthalate	22.433	149	6610027	47.918	ng	99
87) Indeno(1,2,3-cd)pyrene	27.779	276	8353163	50.574	ng	99
88) Benzo(b)fluoranthene	23.450	252	7015737	49.577	ng	99
89) Benzo(k)fluoranthene	23.515	252	7070936	51.561	ng	99
90) Benzo(a)pyrene	24.256	252	6743538	54.229	ng	98
91) Dibenzo(a,h)anthracene	27.844	278	6824298	50.162	ng	99
92) Benzo(g,h,i)perylene	28.838	276	6477053	46.591	ng	98

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

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Chavli

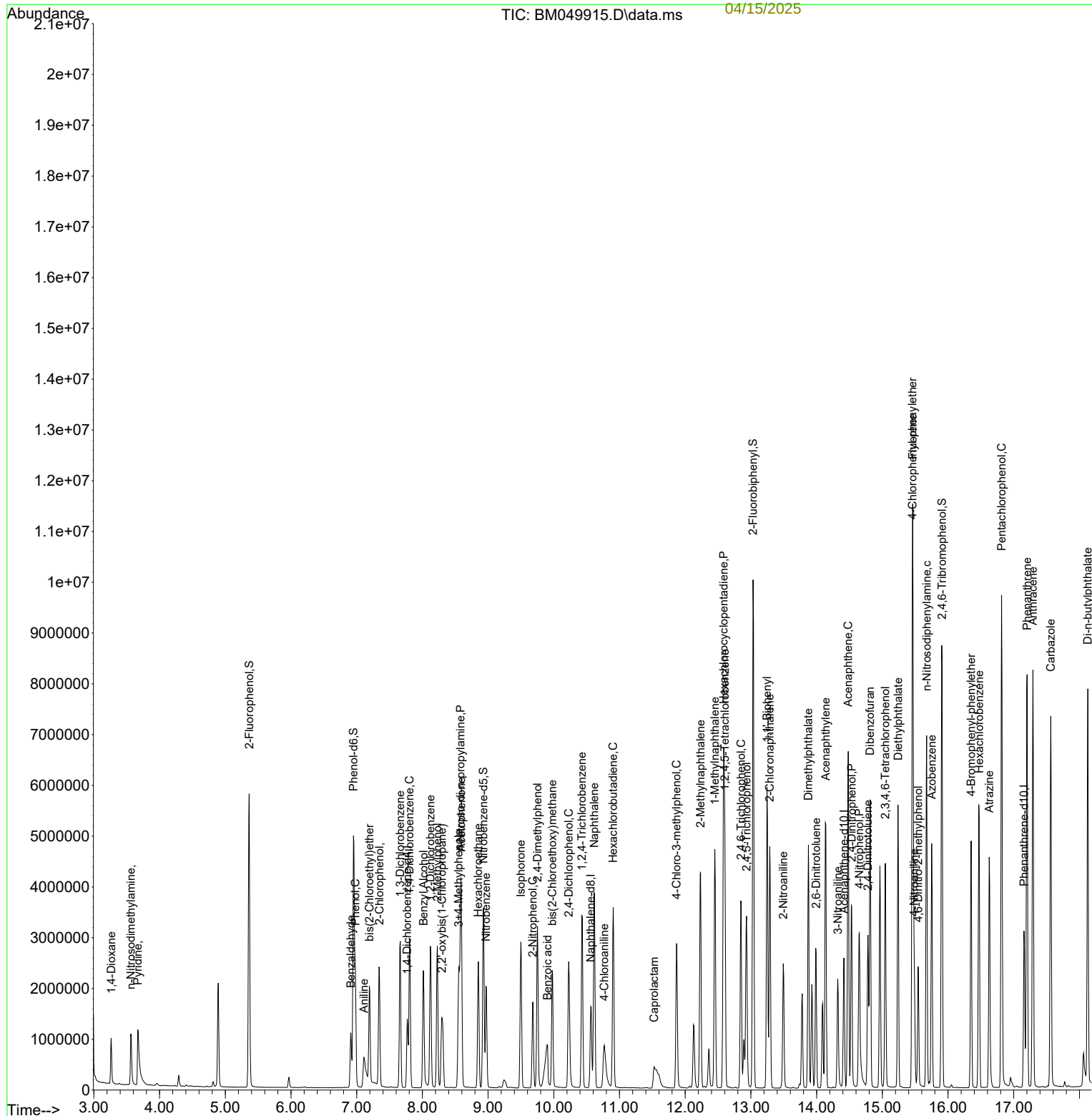
04/15/2025

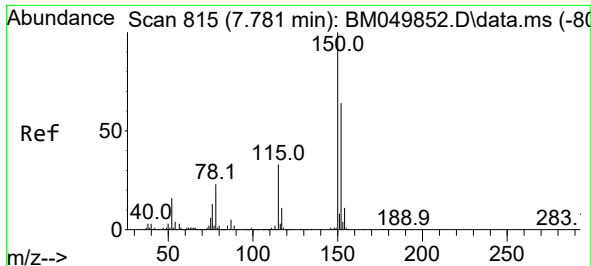
Supervised By :Jagrut

Upadhyay

04/15/2025

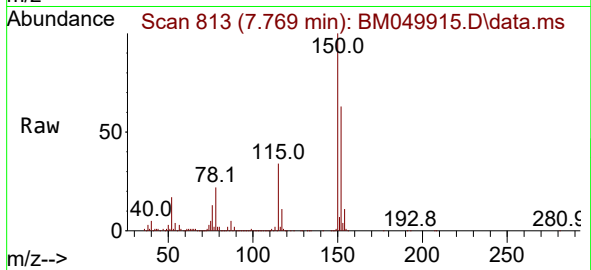
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



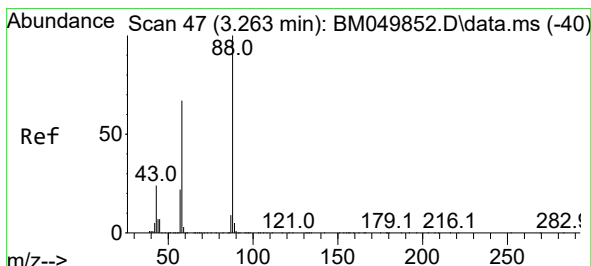
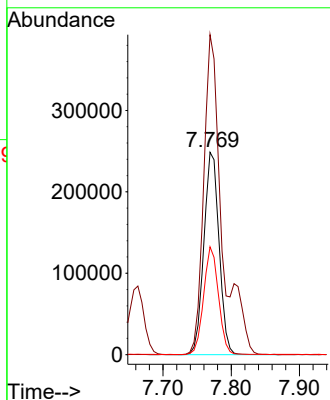
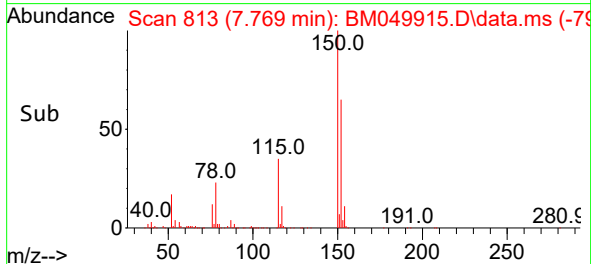
Tgt Ion:152 Resp: 386900
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 53.3 41.1 61.7

Manual Integrations
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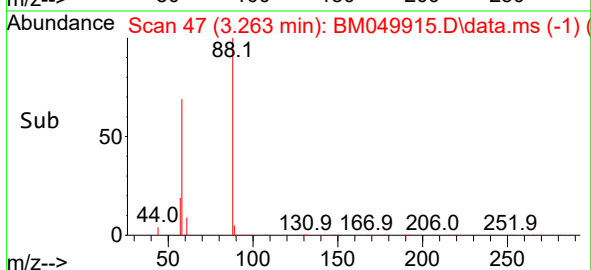
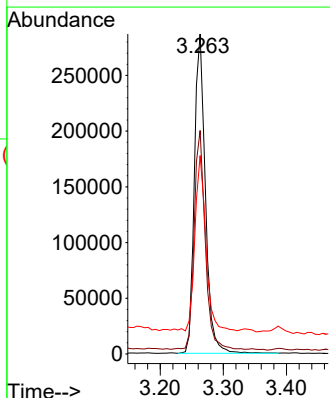
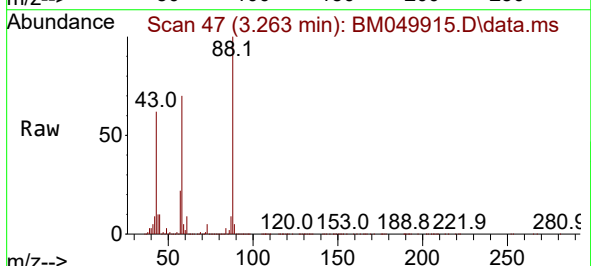
04/15/2025

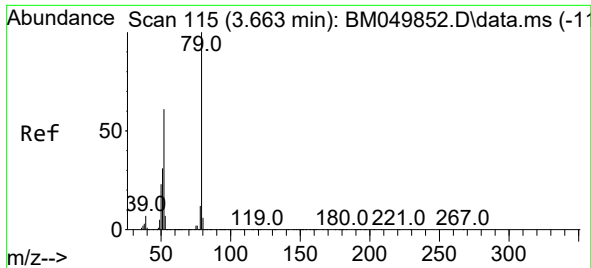
Supervised By :Jagrut
Upadhyay
04/15/2025



#2
1,4-Dioxane
Concen: 36.956 ng
RT: 3.263 min Scan# 47
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

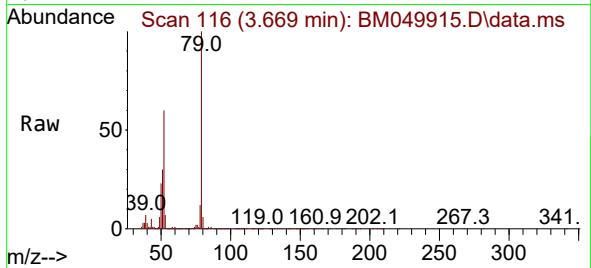
Tgt Ion: 88 Resp: 346783
Ion Ratio Lower Upper
88 100
58 68.4 54.1 81.1
43 54.2 20.2 30.4





#3
Pyridine
Concen: 38.563 ng
RT: 3.669 min Scan# 115
Delta R.T. 0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
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ClientSampleId :
TP-9MSD



Tgt Ion: 79 Resp: 950729
Ion Ratio Lower Upper
79 100
52 59.7 48.9 73.3
51 30.1 25.0 37.6

Manual Integrations
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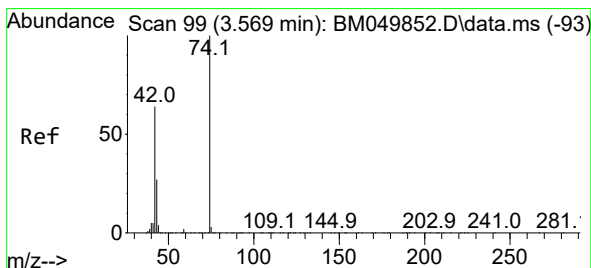
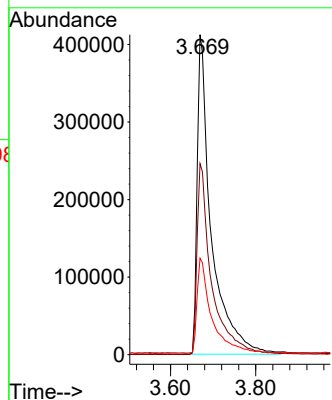
Reviewed By :Rahul
Chavli

04/15/2025

Supervised By :Jagrut

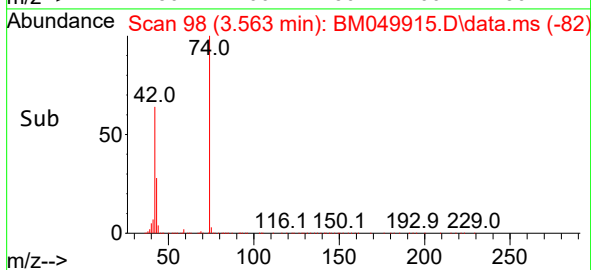
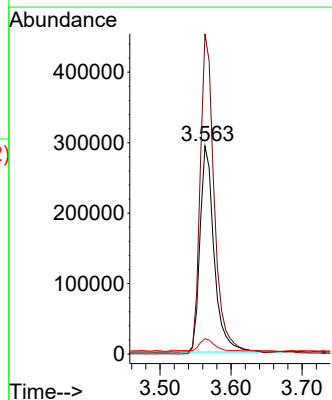
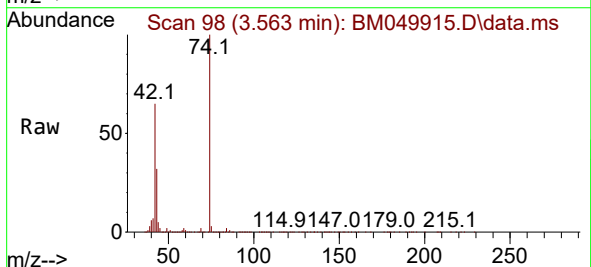
Upadhyay

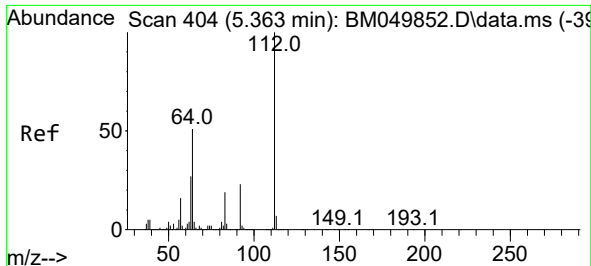
04/15/2025



#4
n-Nitrosodimethylamine
Concen: 43.371 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

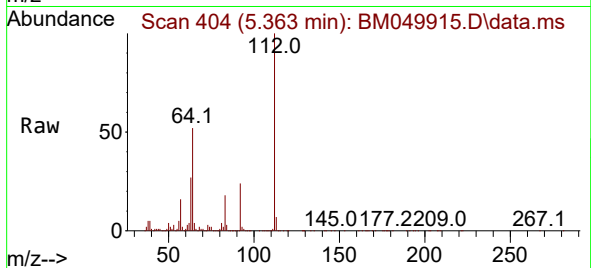
Tgt Ion: 42 Resp: 406929
Ion Ratio Lower Upper
42 100
74 153.9 125.4 188.2
44 7.4 5.9 8.9





#5
2-Fluorophenol
Concen: 115.336 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD

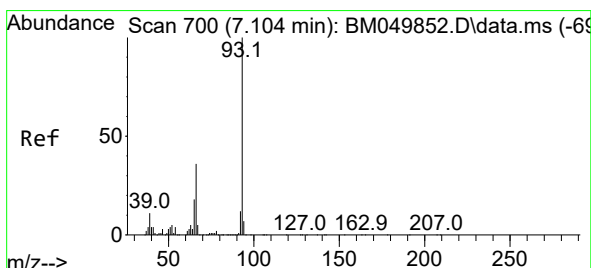
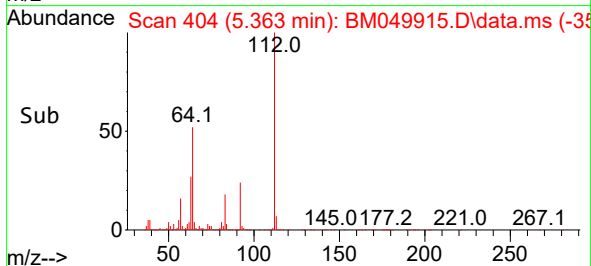
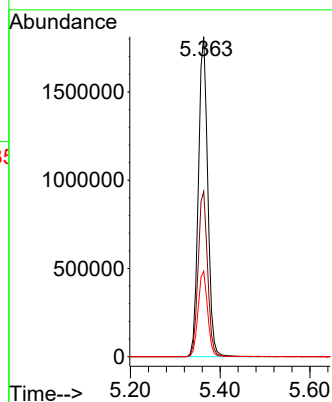


Tgt Ion: 112 Resp: 2627918
Ion Ratio Lower Upper
112 100
64 51.6 41.0 61.6
63 26.7 21.5 32.3

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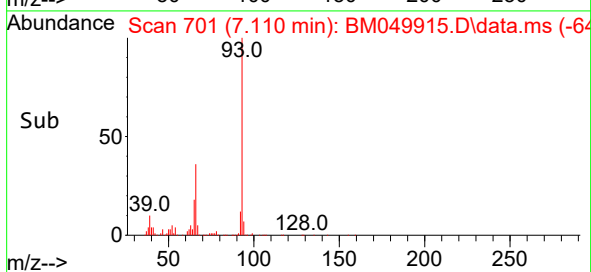
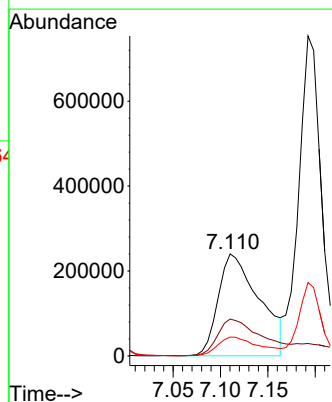
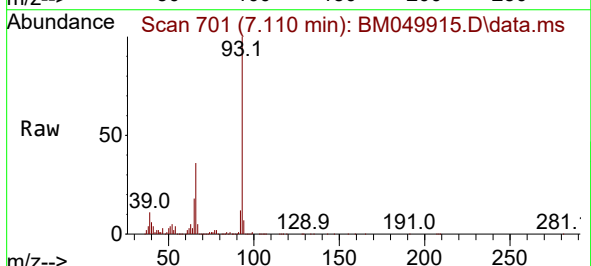
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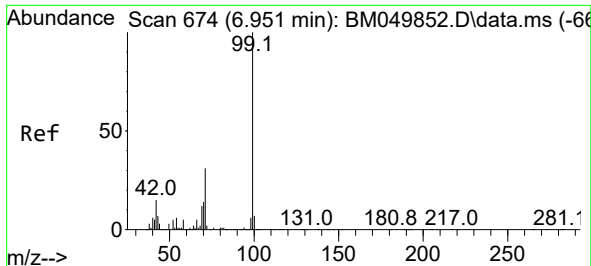
Supervised By :Jagrut
Upadhyay
04/15/2025



#6
Aniline
Concen: 29.730 ng
RT: 7.110 min Scan# 701
Delta R.T. 0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

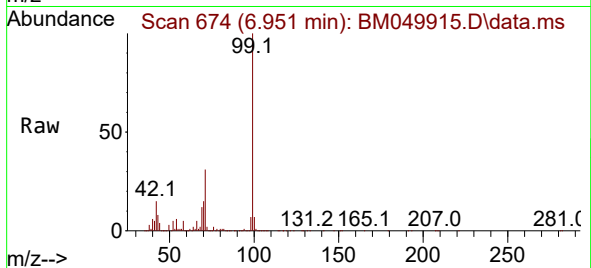
Tgt Ion: 93 Resp: 722177
Ion Ratio Lower Upper
93 100
66 36.2 29.1 43.7
65 18.5 14.9 22.3





#7
Phenol-d6
Concen: 107.098 ng
RT: 6.951 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM049915.D
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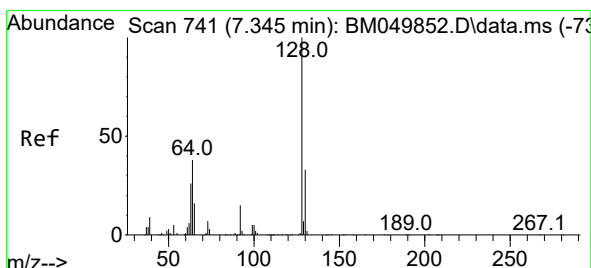
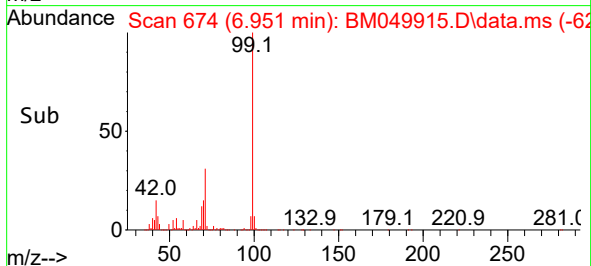
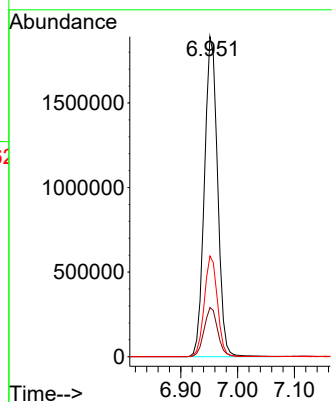
Tgt Ion: 99 Resp: 3036094
Ion Ratio Lower Upper
99 100
42 15.4 12.1 18.1
71 31.5 24.9 37.3

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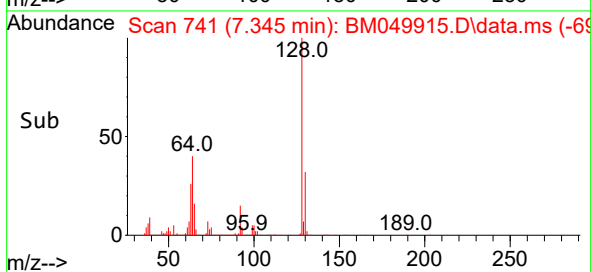
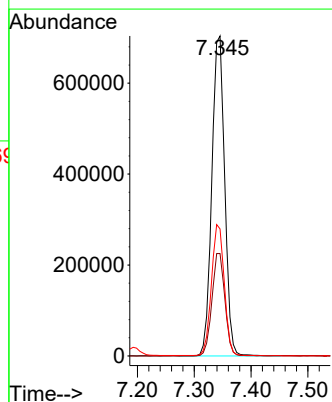
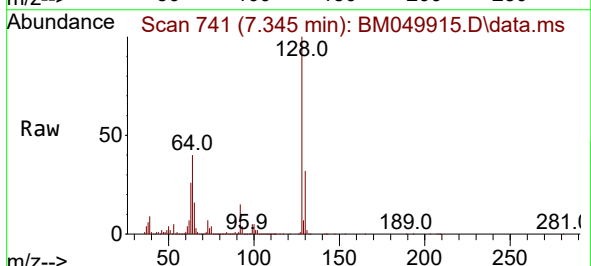
04/15/2025

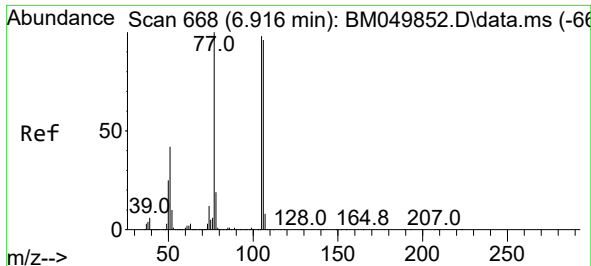
Supervised By :Jagrut
Upadhyay
04/15/2025



#8
2-Chlorophenol
Concen: 47.223 ng
RT: 7.345 min Scan# 741
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

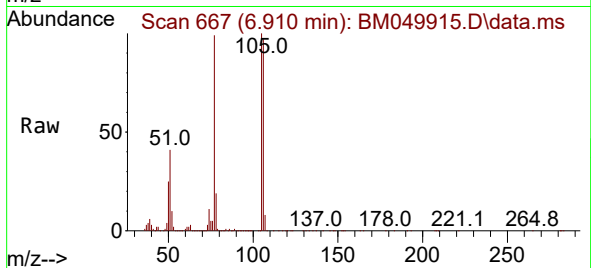
Tgt Ion:128 Resp: 1102676
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 39.7 21.1 61.1





#9
Benzaldehyde
Concen: 25.148 ng
RT: 6.910 min Scan# 668
Delta R.T. -0.006 min
Lab File: BM049915.D
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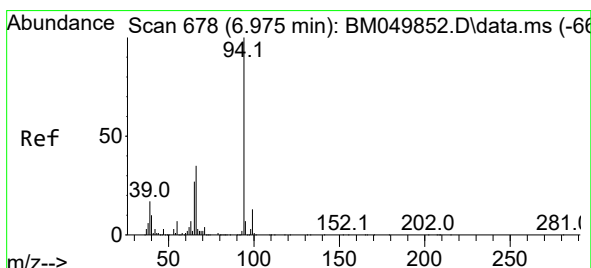
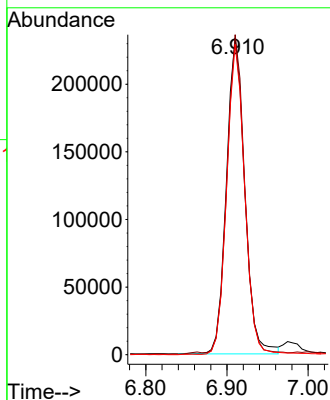
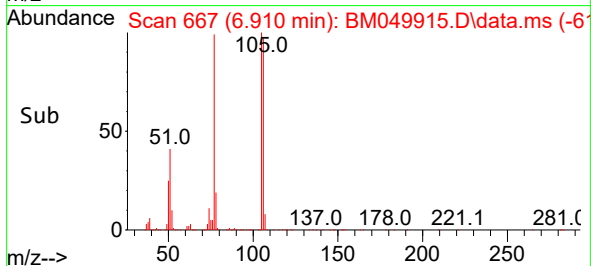
Tgt Ion: 77 Resp: 36585
Ion Ratio Lower Upper
77 100
105 101.0 78.3 118.3
106 97.9 76.0 116.0

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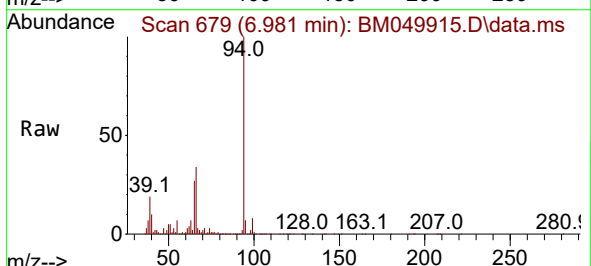
Reviewed By :Rahul
Chavli

04/15/2025

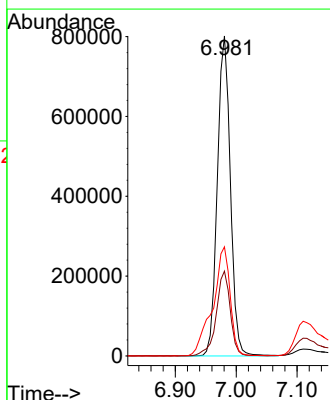
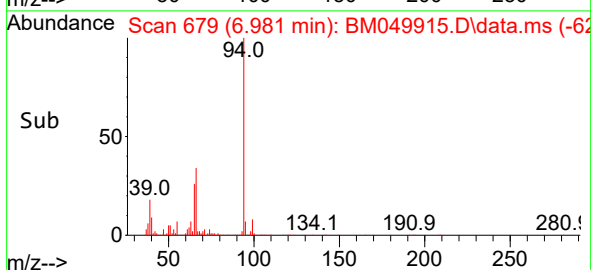
Supervised By :Jagrut
Upadhyay
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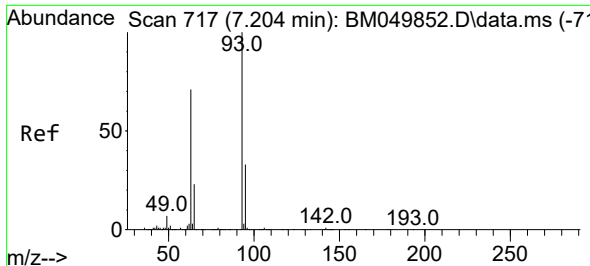


#10
Phenol
Concen: 43.010 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



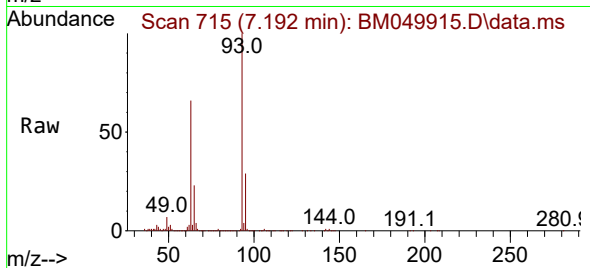
Tgt Ion: 94 Resp: 1189850
Ion Ratio Lower Upper
94 100
65 26.5 7.3 47.3
66 34.1 14.8 54.8





#11
bis(2-Chloroethyl)ether
Concen: 58.151 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



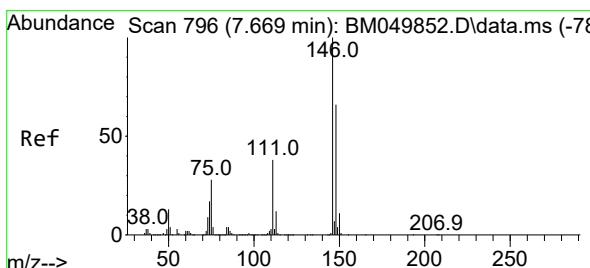
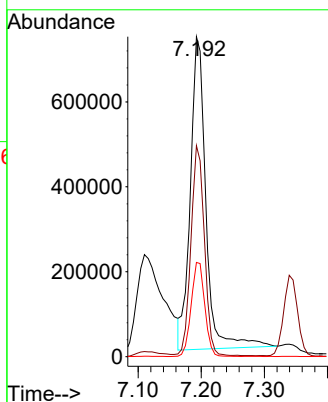
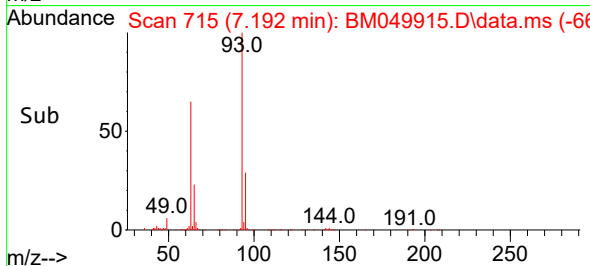
Tgt Ion: 93 Resp: 126153
Ion Ratio Lower Upper
93 100
63 65.9 50.9 90.9
95 29.5 12.6 52.6

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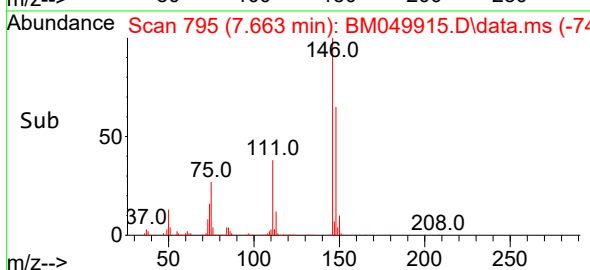
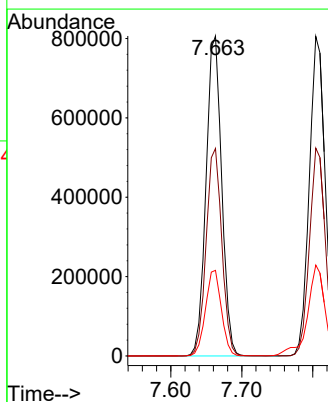
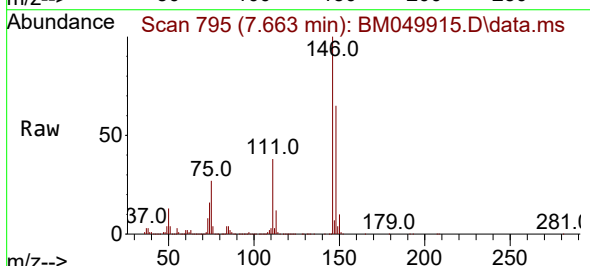
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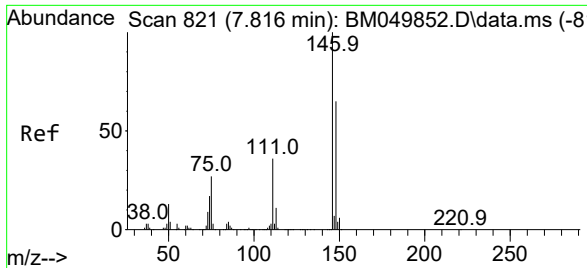
Supervised By :Jagrut
Upadhyay
04/15/2025



#12
1,3-Dichlorobenzene
Concen: 44.784 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

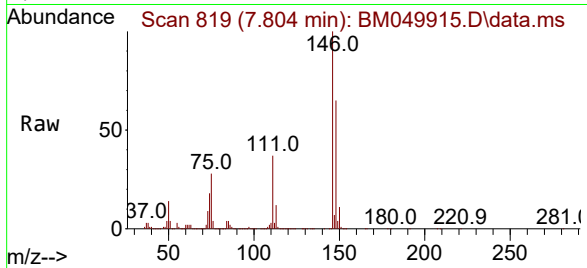
Tgt Ion:146 Resp: 1236340
Ion Ratio Lower Upper
146 100
148 64.8 52.5 78.7
75 26.7 22.5 33.7





#13
1,4-Dichlorobenzene
Concen: 44.637 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



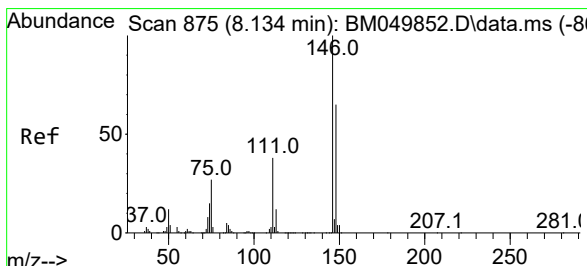
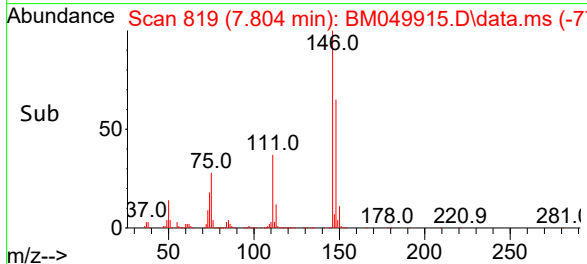
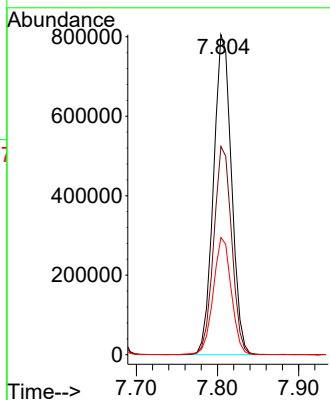
Tgt Ion:146 Resp: 1239910
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 36.6 28.5 42.7

Manual Integrations
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Reviewed By :Rahul
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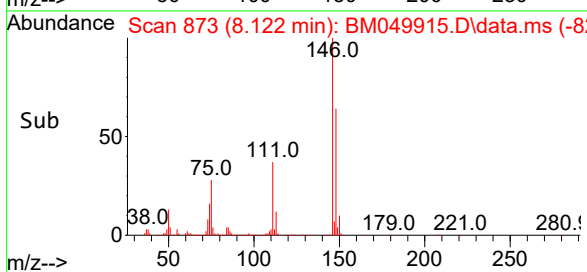
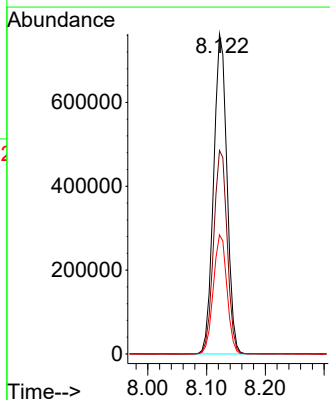
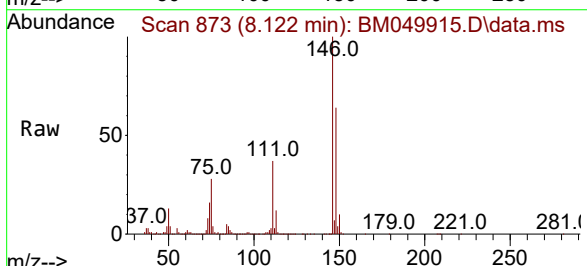
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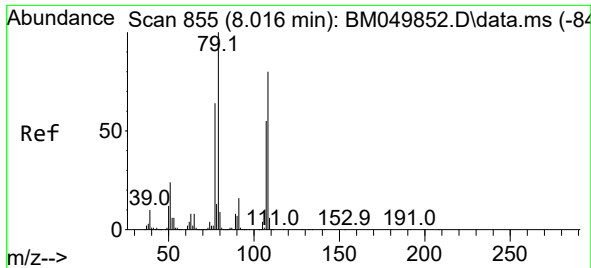
Supervised By :Jagrut
Upadhyay
04/15/2025



#14
1,2-Dichlorobenzene
Concen: 46.017 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

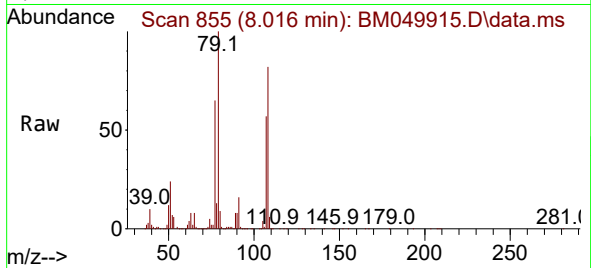
Tgt Ion:146 Resp: 1203965
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 37.2 30.2 45.4





#15
Benzyl Alcohol
Concen: 46.507 ng
RT: 8.016 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



Tgt Ion: 79 Resp: 830209
Ion Ratio Lower Upper
79 100
108 82.1 63.6 95.4
77 65.2 51.3 76.9

Manual Integrations
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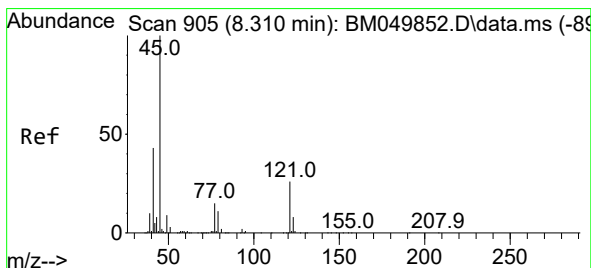
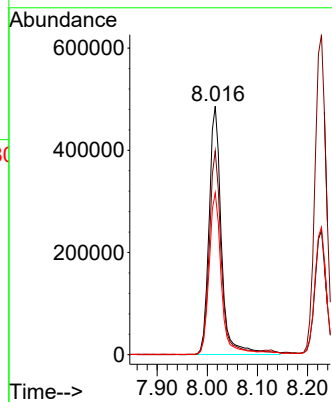
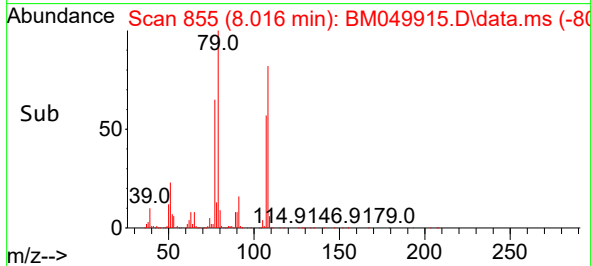
Reviewed By :Rahul
Chavli

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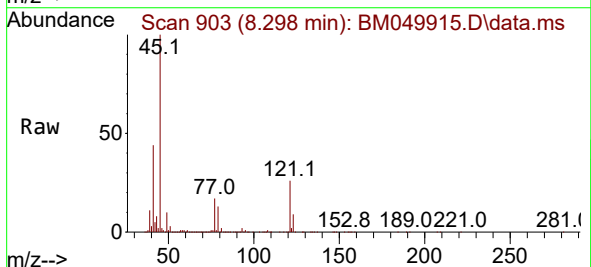
Supervised By :Jagrut

Upadhyay

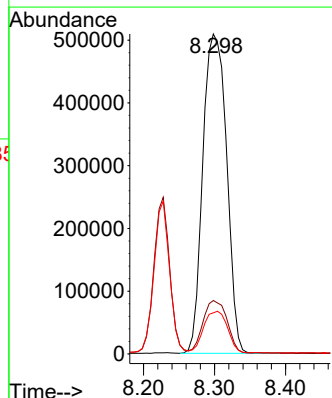
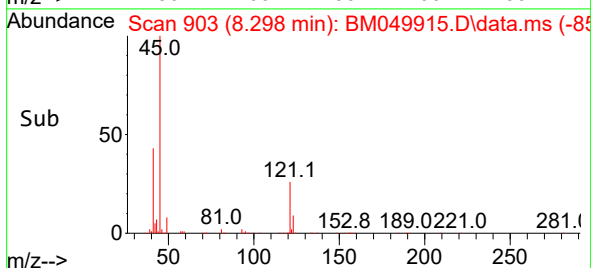
04/15/2025

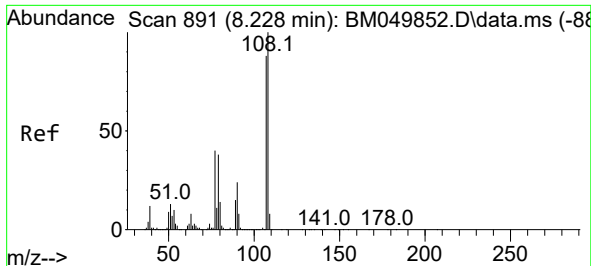


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.031 ng
RT: 8.298 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



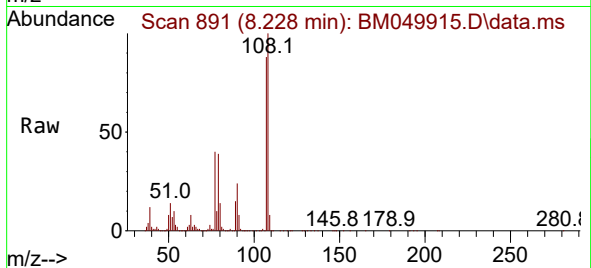
Tgt Ion: 45 Resp: 1185574
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.9
79 12.9 0.0 32.9





#17
2-Methylphenol
Concen: 49.891 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



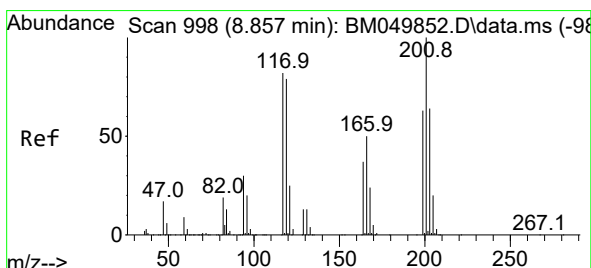
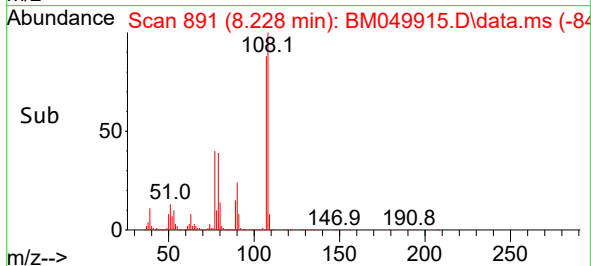
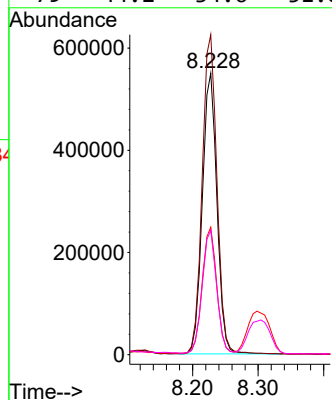
Tgt Ion:107 Resp: 850538
Ion Ratio Lower Upper
107 100
108 113.7 91.0 136.6
77 45.3 36.5 54.7
79 44.2 34.6 51.8

Manual Integrations
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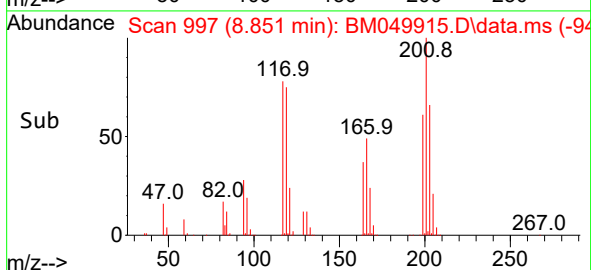
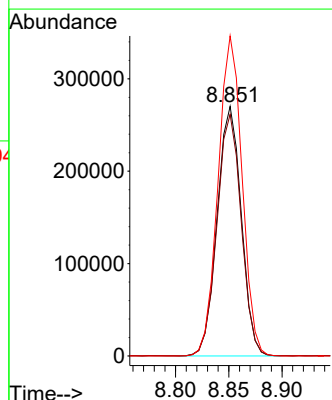
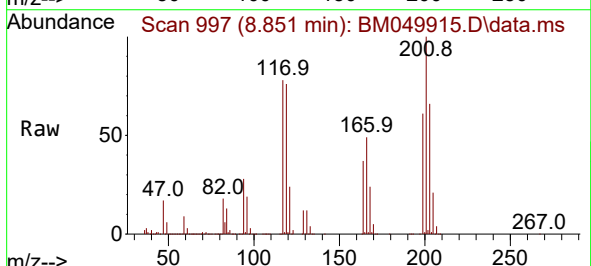
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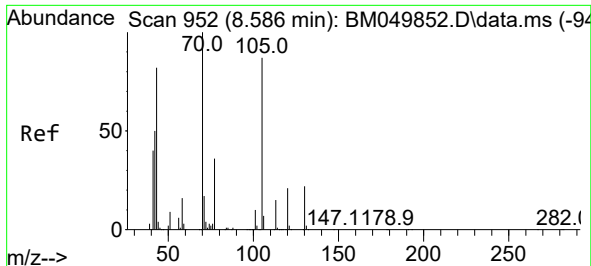
Supervised By :Jagrut
Upadhyay
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#18
Hexachloroethane
Concen: 44.113 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

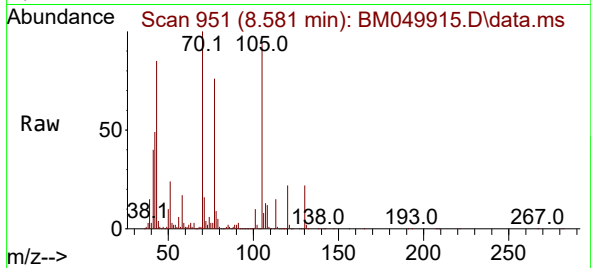
Tgt Ion:117 Resp: 426315
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3
201 128.2 97.7 146.5





#19
n-Nitroso-di-n-propylamine
Concen: 49.612 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



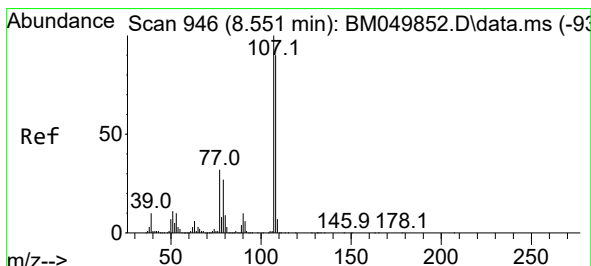
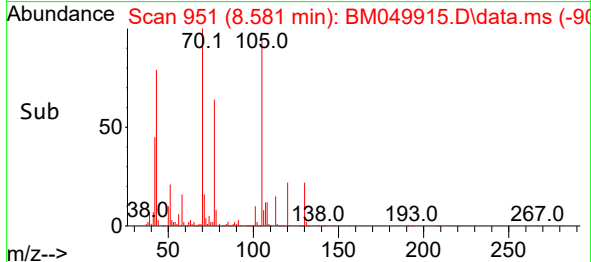
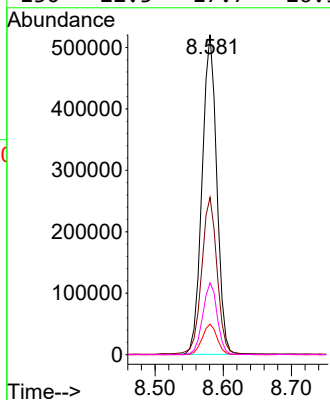
Tgt Ion: 70 Resp: 778955
Ion Ratio Lower Upper
70 100
42 49.1 40.2 60.2
101 9.6 7.9 11.9
130 22.5 17.7 26.5

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Chavli

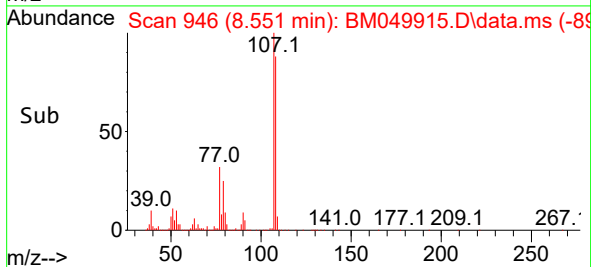
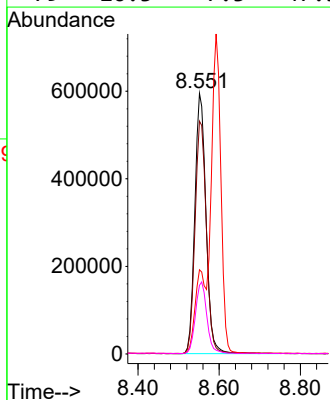
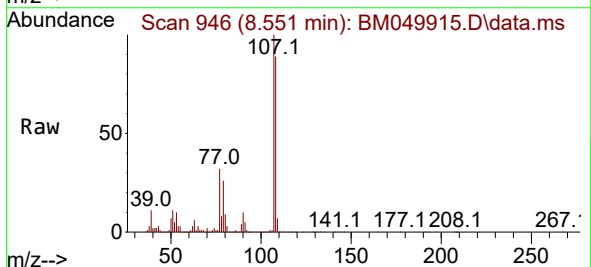
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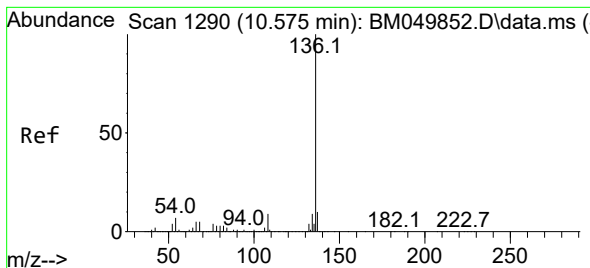
Supervised By :Jagrut
Upadhyay
04/15/2025



#20
3+4-Methylphenols
Concen: 49.256 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

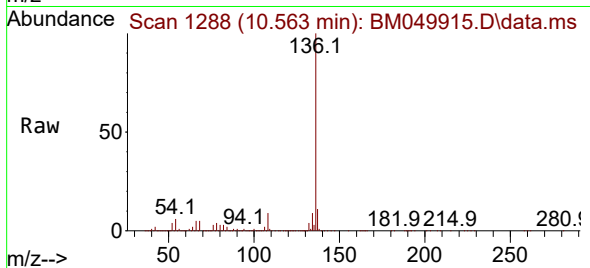
Tgt Ion:107 Resp: 1144812
Ion Ratio Lower Upper
107 100
108 89.3 69.6 109.6
77 32.3 11.7 51.7
79 26.3 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD

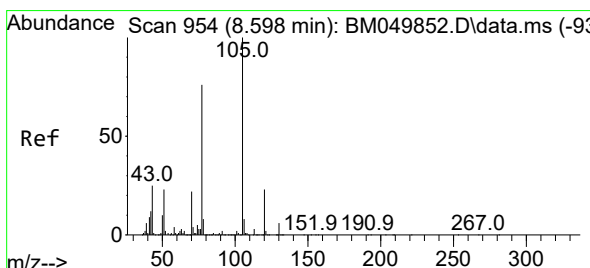
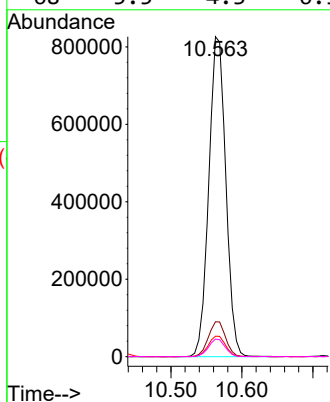
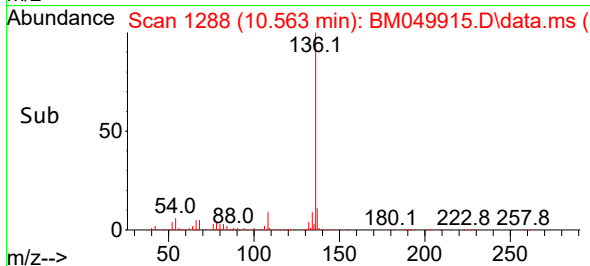


Tgt Ion:136 Resp: 1374460
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.4 5.3 7.9
68 5.5 4.3 6.5

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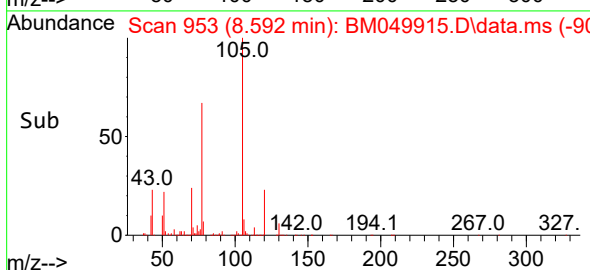
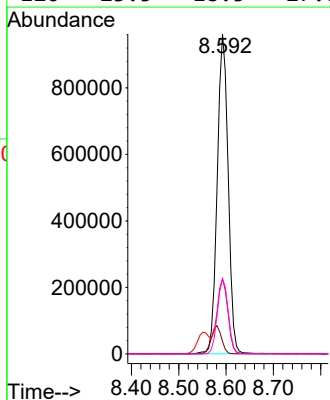
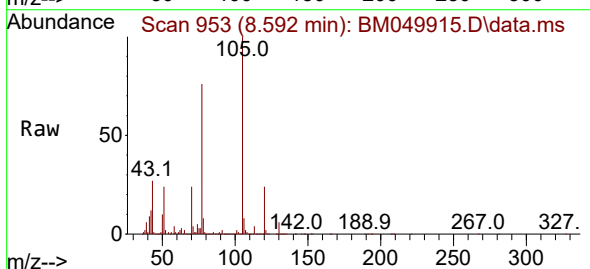
Reviewed By :Rahul
Chavli
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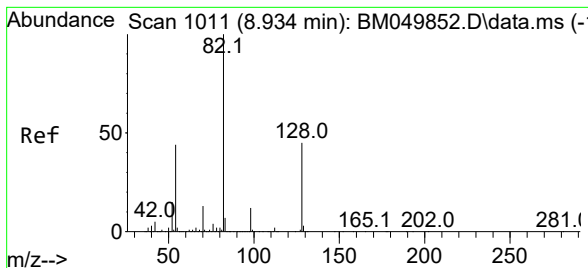
Supervised By :Jagrut
Upadhyay
04/15/2025



#22
Acetophenone
Concen: 46.072 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

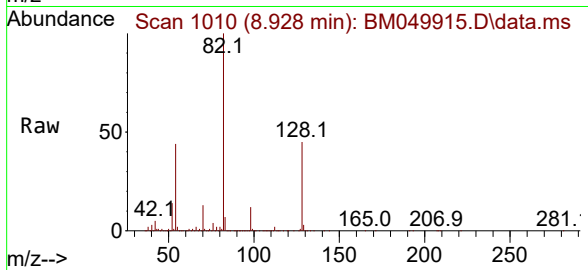
Tgt Ion:105 Resp: 1538964
Ion Ratio Lower Upper
105 100
71 3.9 3.0 4.4
51 23.5 18.6 27.8
120 23.5 18.5 27.7





#23
Nitrobenzene-d5
Concen: 82.207 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



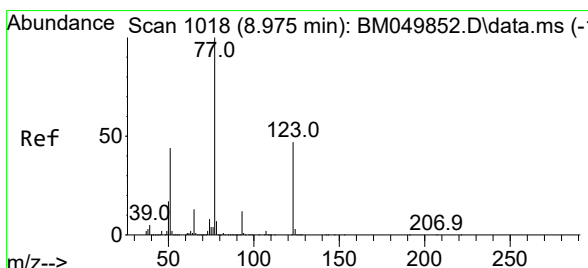
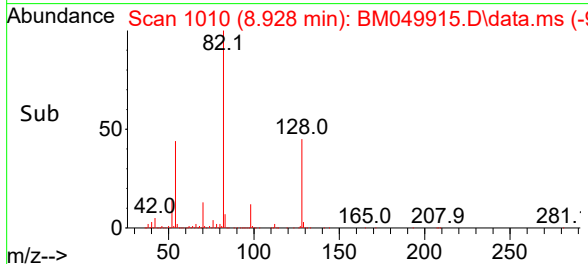
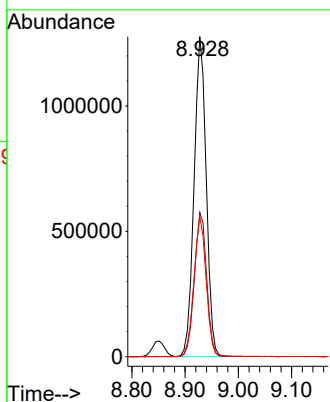
Tgt Ion: 82 Resp: 2029085
Ion Ratio Lower Upper
82 100
128 45.1 36.2 54.2
54 43.7 35.0 52.6

Manual Integrations
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Reviewed By :Rahul
Chavli

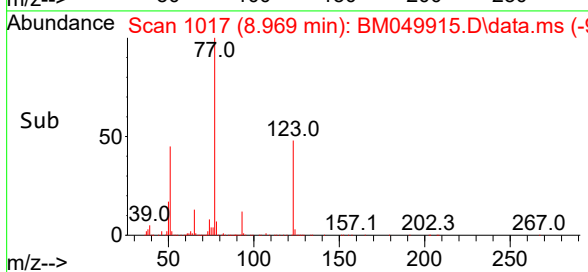
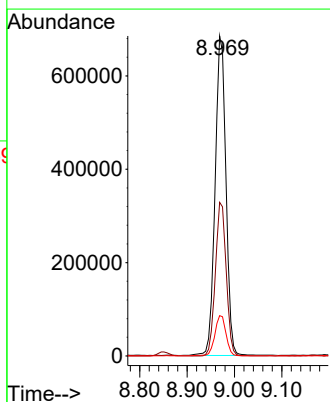
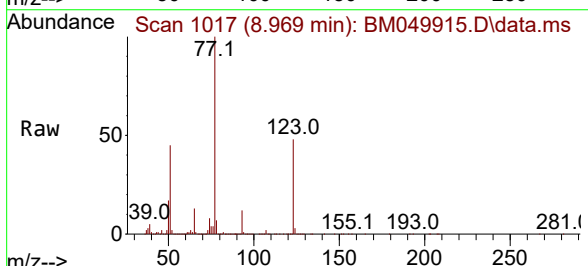
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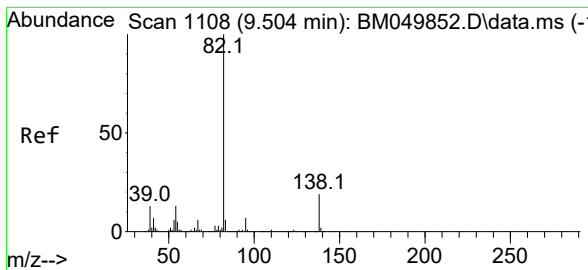
Supervised By :Jagrut
Upadhyay
04/15/2025



#24
Nitrobenzene
Concen: 45.714 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

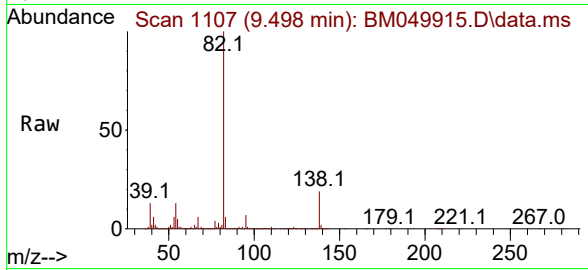
Tgt Ion: 77 Resp: 1086481
Ion Ratio Lower Upper
77 100
123 48.0 37.4 56.2
65 12.6 10.1 15.1





#25
Isophorone
Concen: 51.573 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



Tgt Ion: 82 Resp: 213245
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 19.4 15.0 22.6

Manual Integrations
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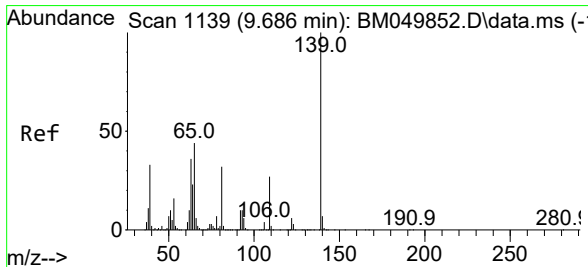
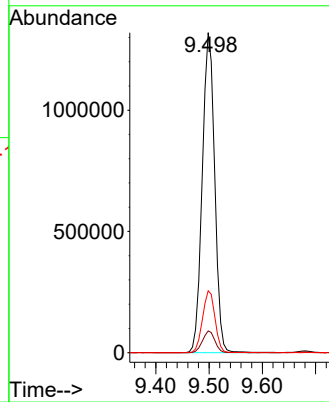
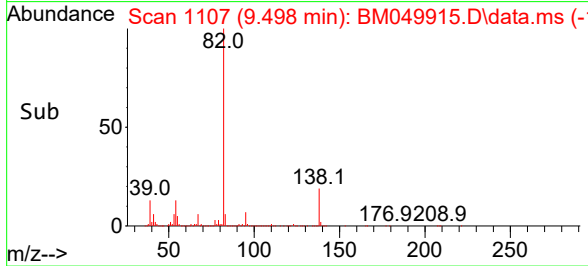
Reviewed By :Rahul
Chavli

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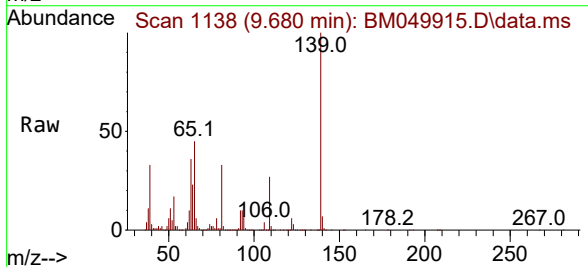
Supervised By :Jagrut

Upadhyay

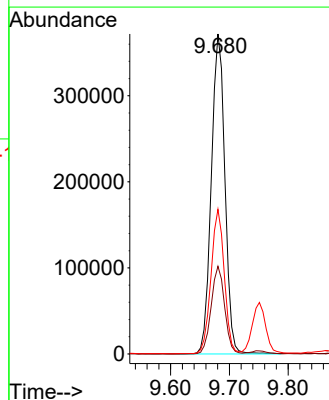
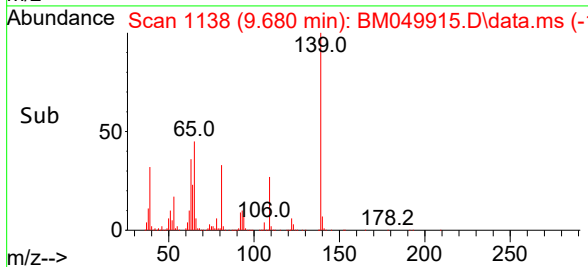
04/15/2025

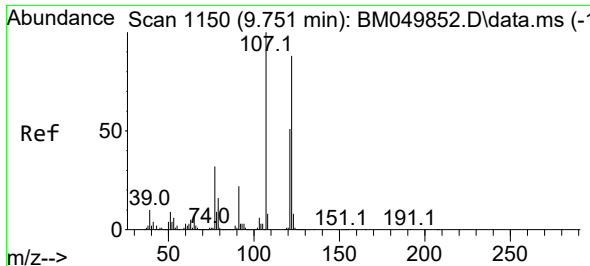


#26
2-Nitrophenol
Concen: 47.376 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



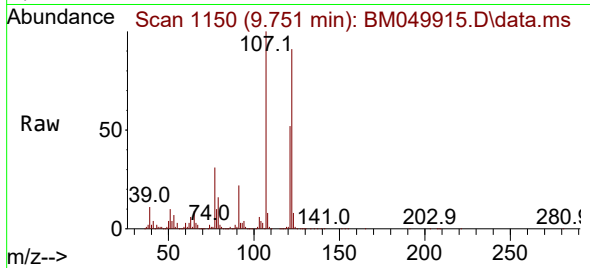
Tgt Ion:139 Resp: 596798
Ion Ratio Lower Upper
139 100
109 27.4 21.7 32.5
65 45.2 35.2 52.8





#27
2,4-Dimethylphenol
Concen: 68.362 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD

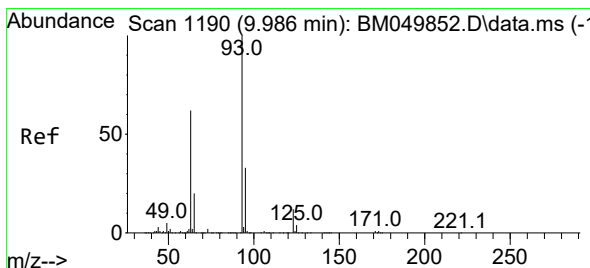
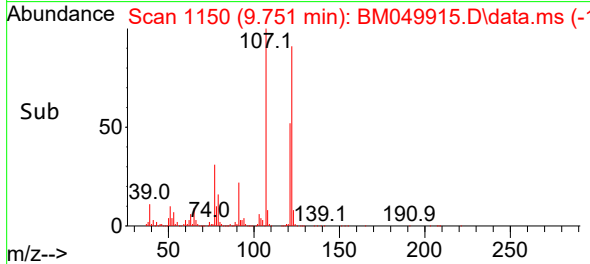
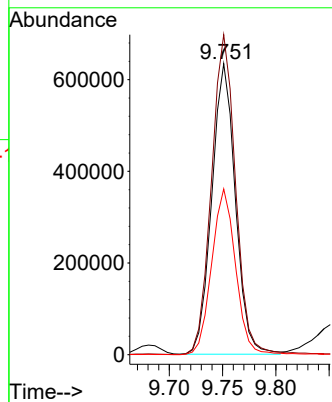


Tgt Ion:122 Resp: 975939
Ion Ratio Lower Upper
122 100
107 109.9 90.3 135.5
121 57.0 46.1 69.1

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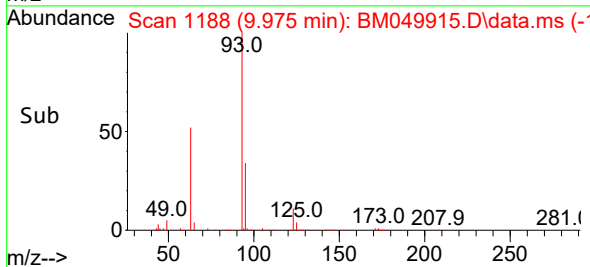
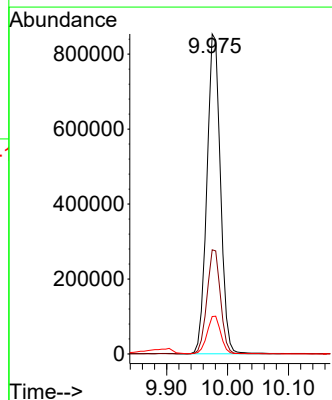
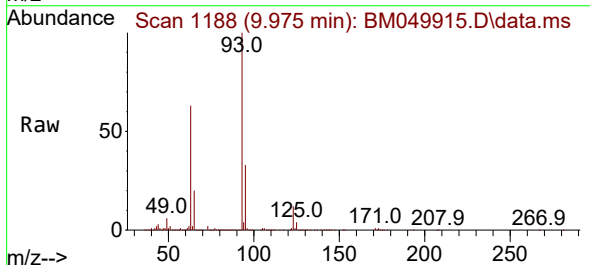
Reviewed By :Rahul
Chavli
04/15/2025

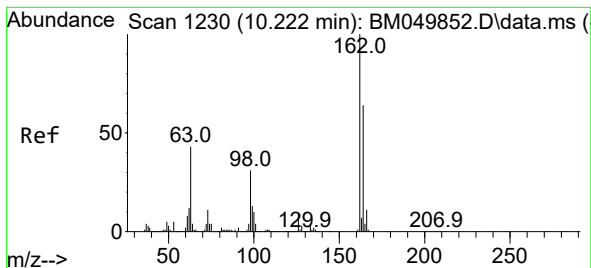
Supervised By :Jagrut
Upadhyay
04/15/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.619 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

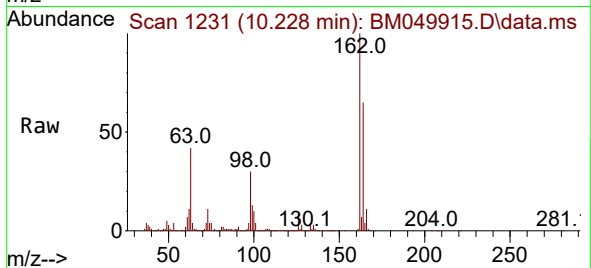
Tgt Ion: 93 Resp: 1318189
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 11.7 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 47.893 ng
RT: 10.228 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



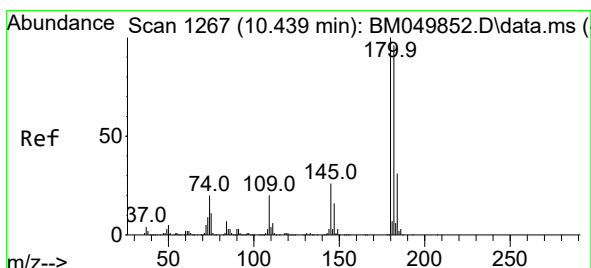
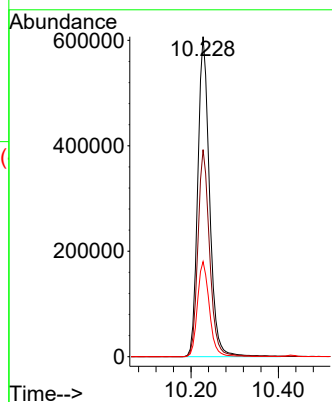
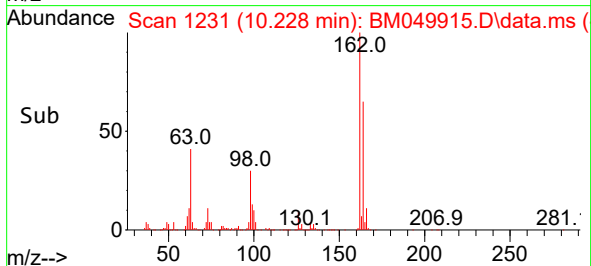
Tgt Ion:162 Resp: 113651
Ion Ratio Lower Upper
162 100
164 64.7 44.3 84.3
98 29.7 10.9 50.9

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Chavli

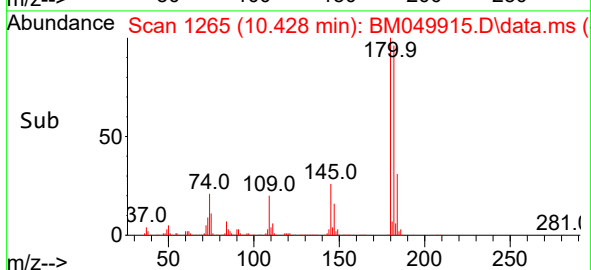
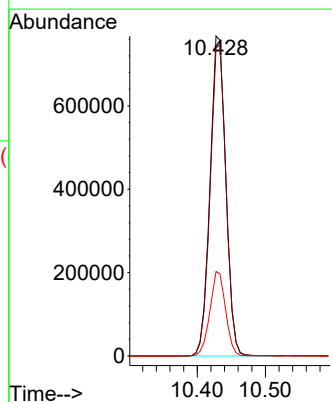
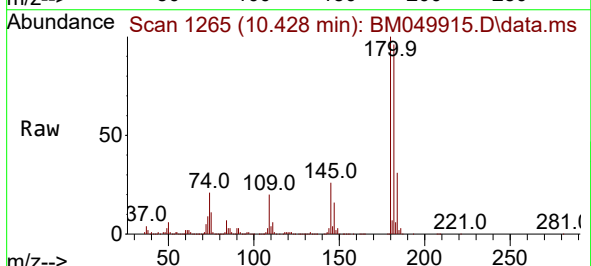
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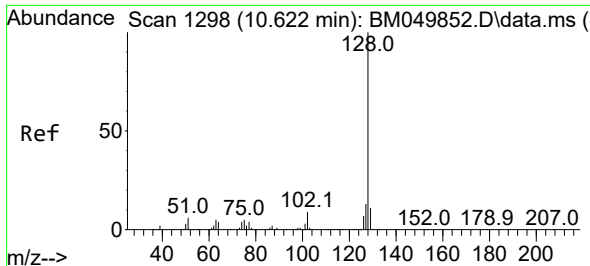
Supervised By :Jagrut
Upadhyay
04/15/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.115 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

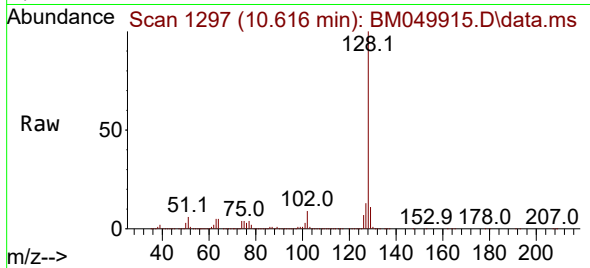
Tgt Ion:180 Resp: 1238531
Ion Ratio Lower Upper
180 100
182 96.3 76.7 115.1
145 26.4 20.8 31.2





#31
Naphthalene
Concen: 44.234 ng
RT: 10.616 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



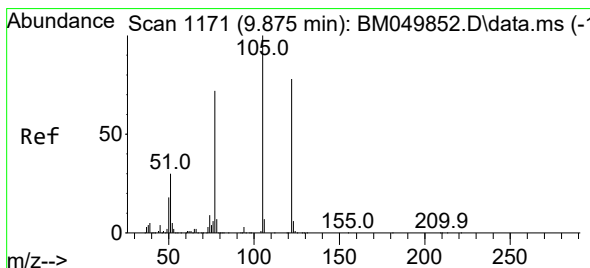
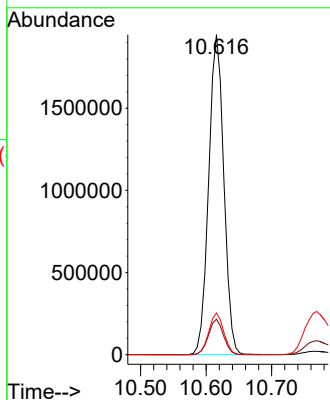
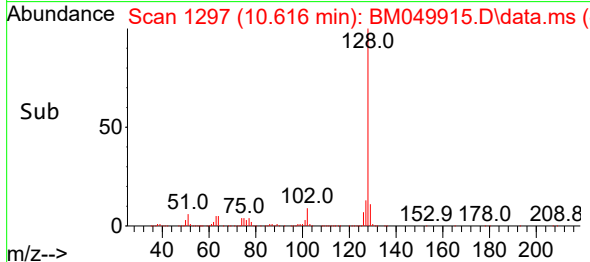
Tgt Ion:128 Resp: 3124028
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.6 15.8

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Chavli

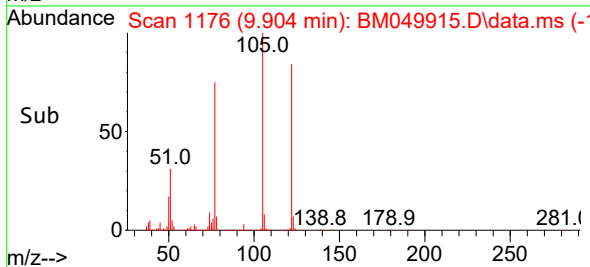
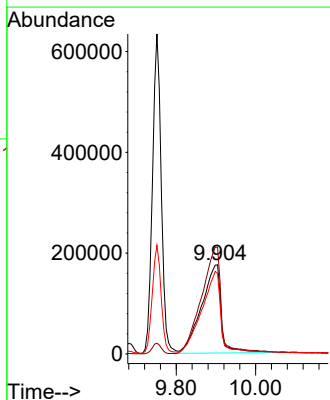
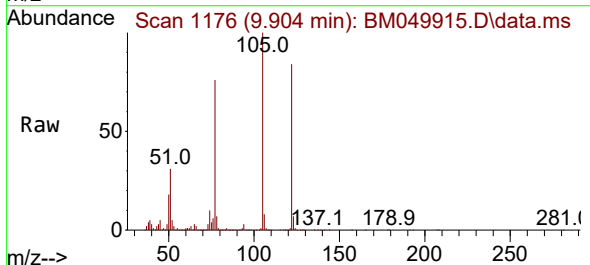
04/15/2025

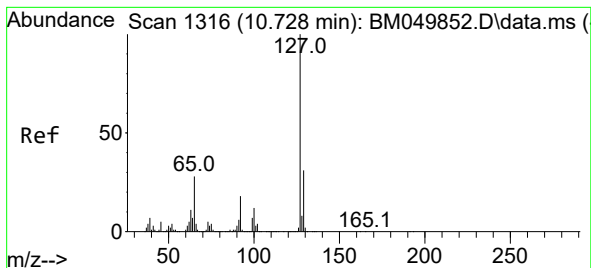
Supervised By :Jagrut
Upadhyay
04/15/2025



#32
Benzoic acid
Concen: 36.716 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

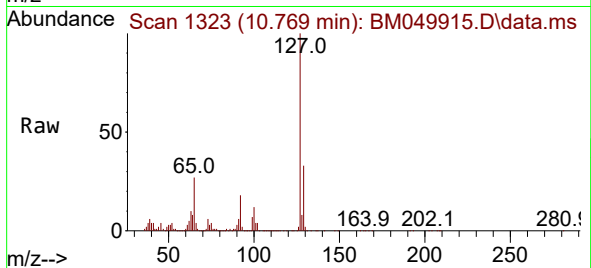
Tgt Ion:122 Resp: 606506
Ion Ratio Lower Upper
122 100
105 119.7 103.8 143.8
77 90.5 70.7 110.7





#33
4-Chloroaniline
Concen: 35.119 ng
RT: 10.769 min Scan# 1316
Delta R.T. 0.041 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



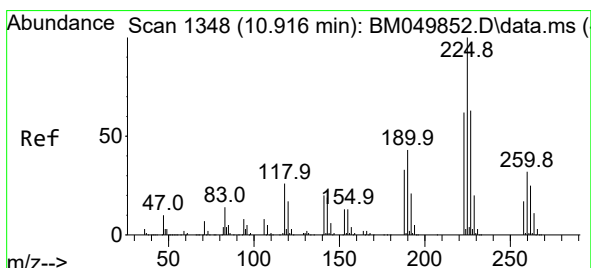
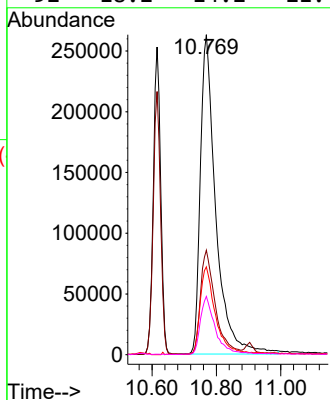
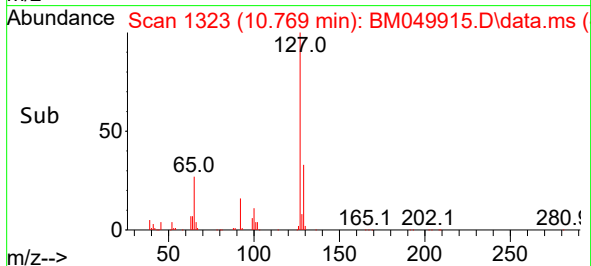
Tgt Ion:127 Resp: 875830
Ion Ratio Lower Upper
127 100
129 32.6 24.9 37.3
65 27.5 22.4 33.6
92 18.2 14.2 21.4

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Chavli

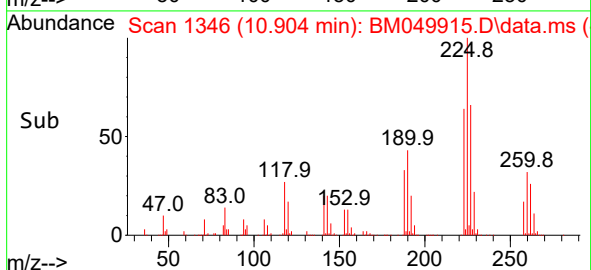
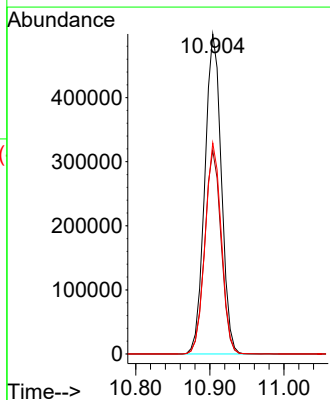
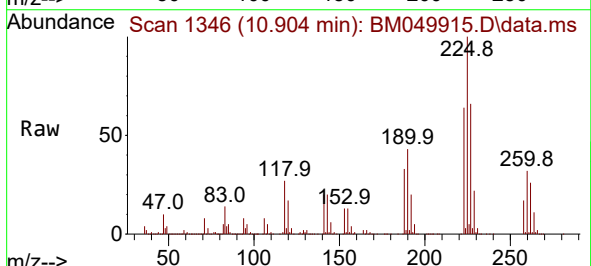
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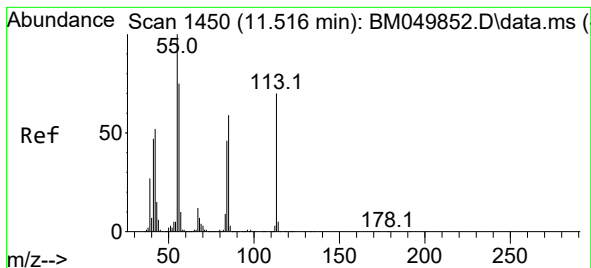
Supervised By :Jagrut
Upadhyay
04/15/2025



#34
Hexachlorobutadiene
Concen: 45.473 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

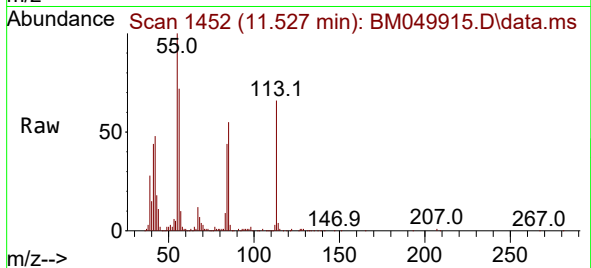
Tgt Ion:225 Resp: 772184
Ion Ratio Lower Upper
225 100
223 63.6 49.4 74.2
227 66.0 50.1 75.1





#35
Caprolactam
Concen: 40.794 ng m
RT: 11.527 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

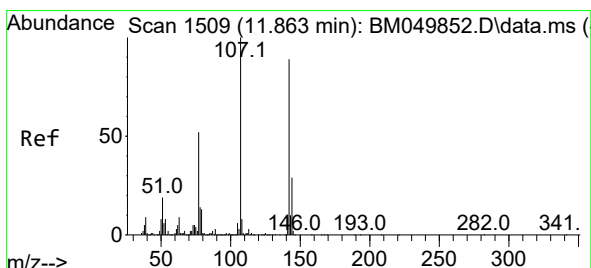
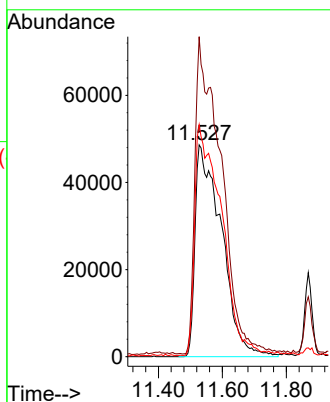
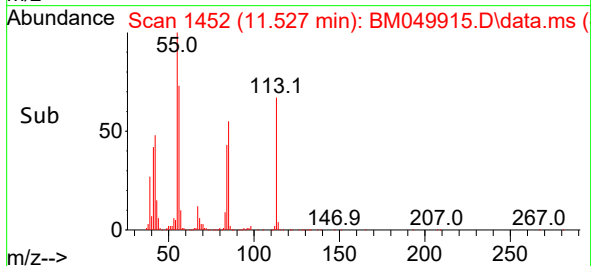
Instrument :
BNA_M
ClientSampleId :
TP-9MSD



Tgt Ion:113 Resp: 27765
Ion Ratio Lower Upper
113 100
55 151.1 124.3 164.3
56 109.5 87.5 127.5

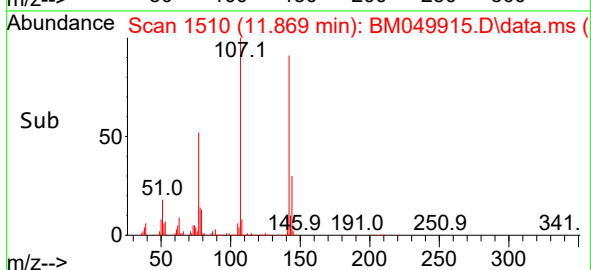
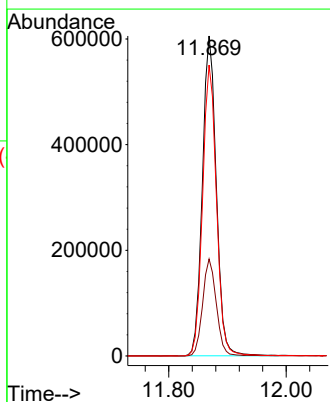
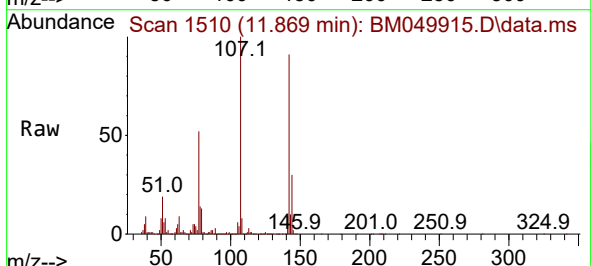
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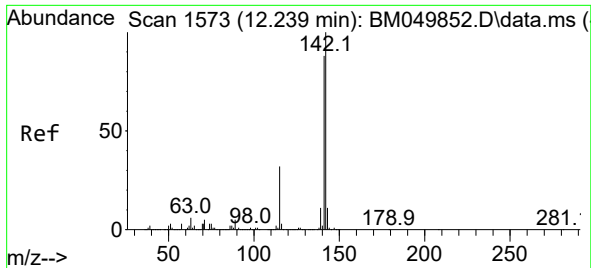
Reviewed By :Rahul
Chavli
04/15/2025
Supervised By :Jagrut
Upadhyay
04/15/2025



#36
4-Chloro-3-methylphenol
Concen: 47.976 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

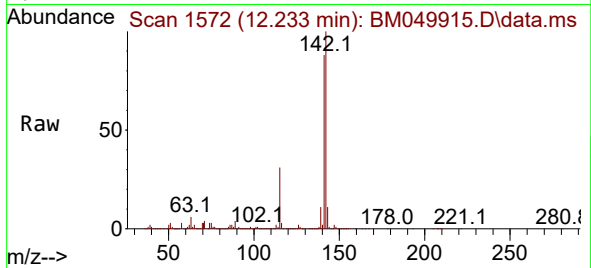
Tgt Ion:107 Resp: 997266
Ion Ratio Lower Upper
107 100
144 30.3 23.6 35.4
142 90.9 71.4 107.0





#37
2-Methylnaphthalene
Concen: 42.670 ng
RT: 12.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD

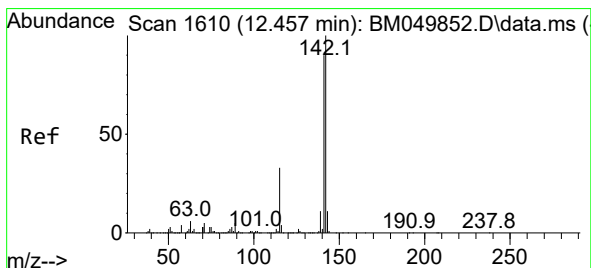
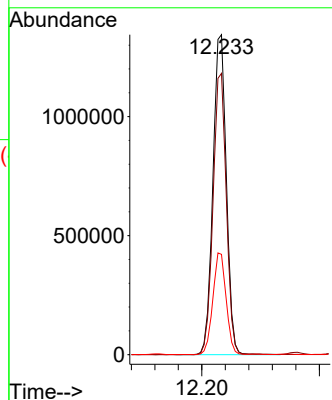
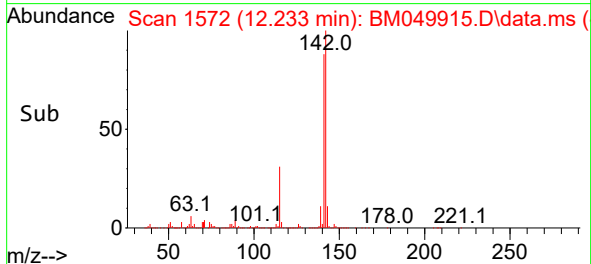


Tgt Ion:142 Resp: 212323
Ion Ratio Lower Upper
142 100
141 87.9 70.2 105.2
115 31.3 25.4 38.2

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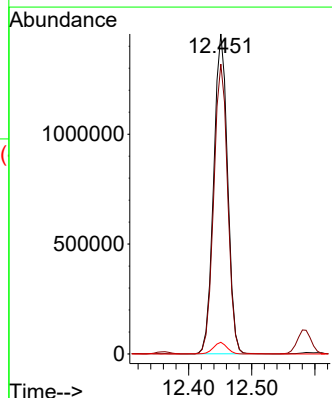
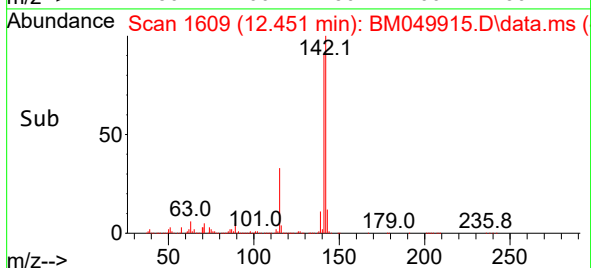
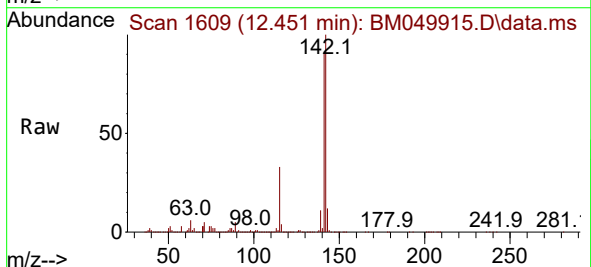
Reviewed By :Rahul
Chavli
04/15/2025

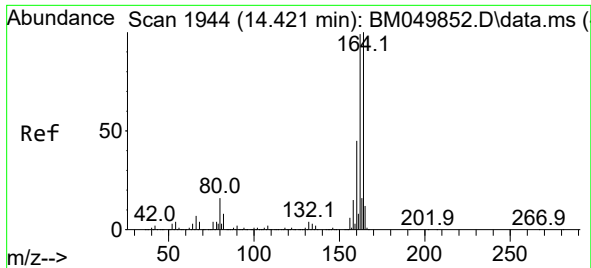
Supervised By :Jagrut
Upadhyay
04/15/2025



#38
1-Methylnaphthalene
Concen: 45.905 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

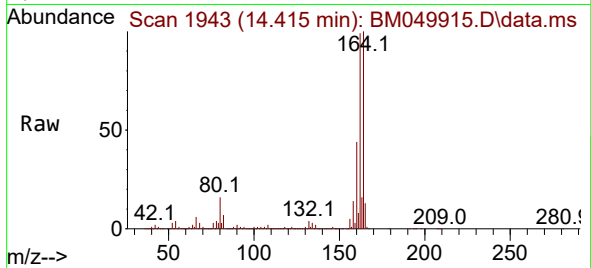
Tgt Ion:142 Resp: 2225386
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



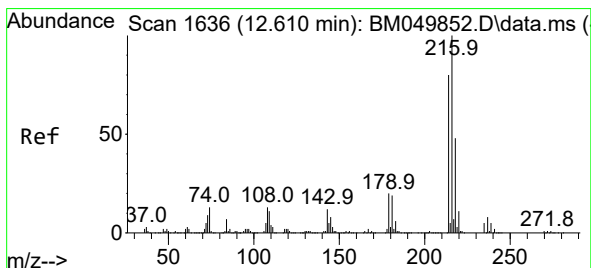
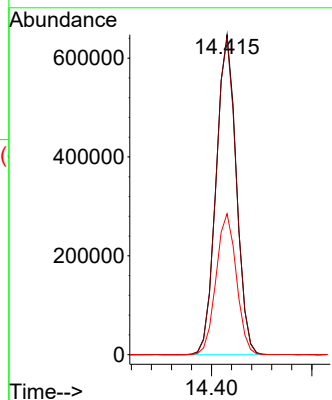
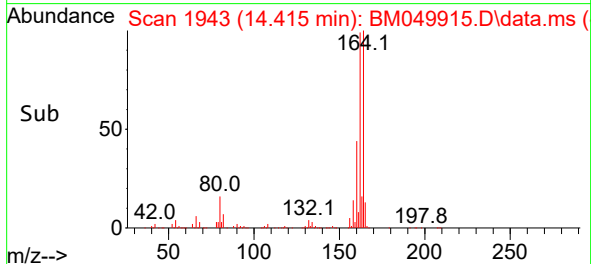
Tgt Ion:164 Resp: 902834
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 44.0 36.2 54.2

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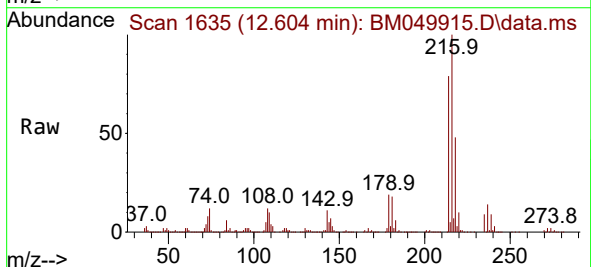
Reviewed By :Rahul
Chavli

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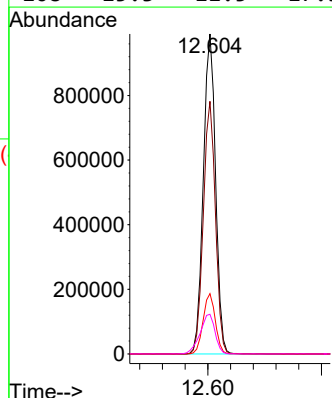
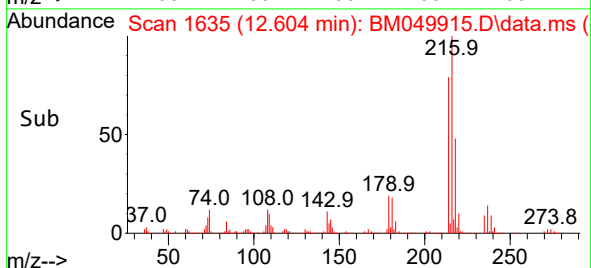
Supervised By :Jagrut
Upadhyay
04/15/2025

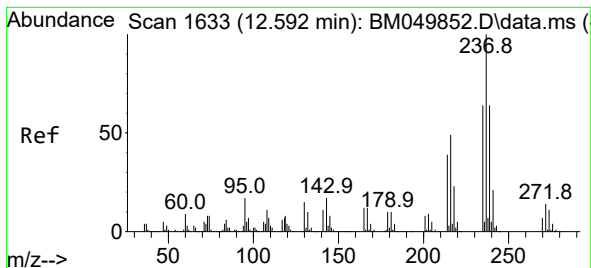


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.756 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



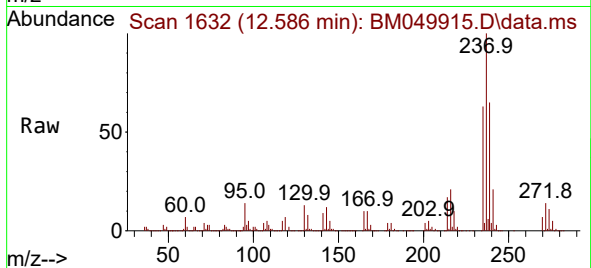
Tgt Ion:216 Resp: 1476792
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 18.9 15.8 23.6
108 15.3 11.5 17.3





#41
Hexachlorocyclopentadiene
Concen: 150.846 ng
RT: 12.586 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



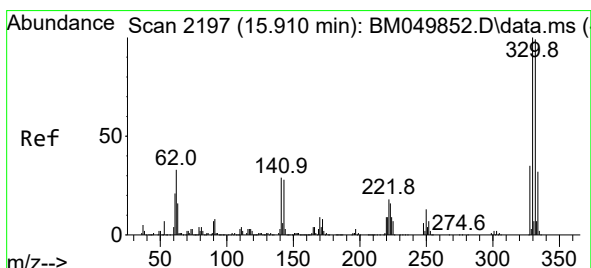
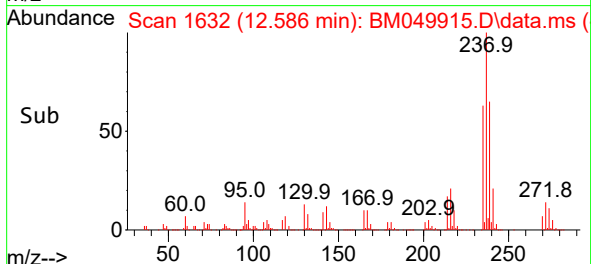
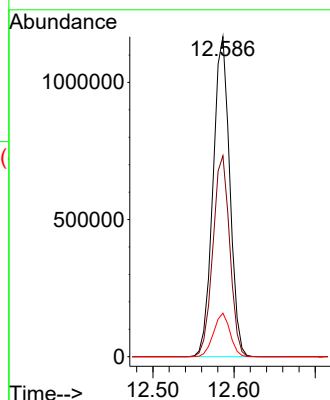
Tgt Ion:237 Resp: 166952
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 13.6 0.0 33.5

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Reviewed By :Rahul
Chavli

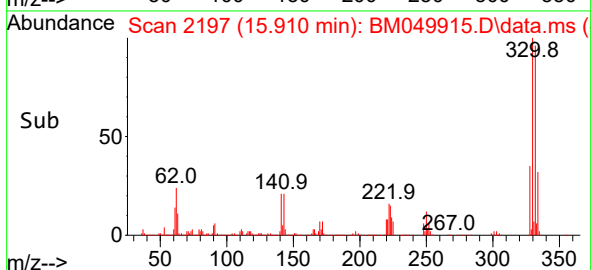
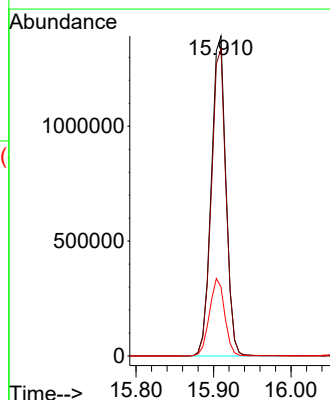
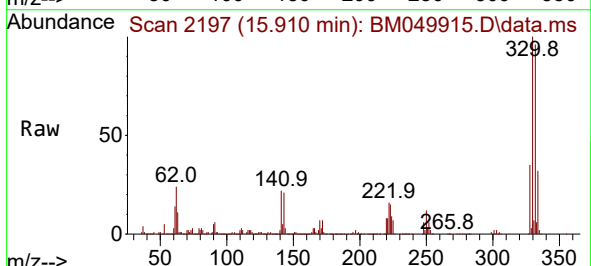
04/15/2025

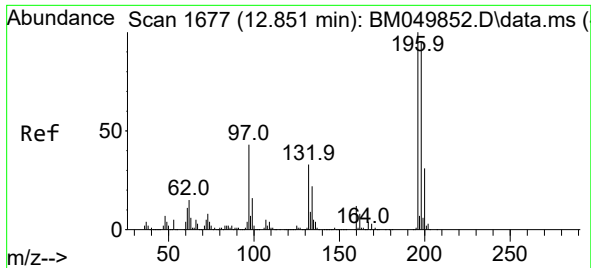
Supervised By :Jagrut
Upadhyay
04/15/2025



#42
2,4,6-Tribromophenol
Concen: 138.948 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

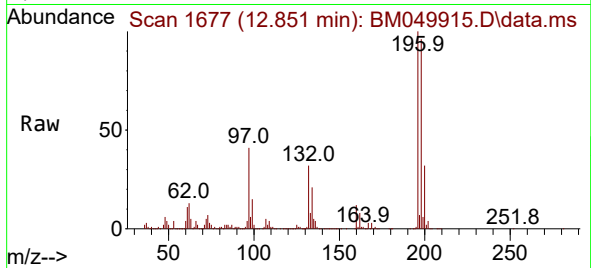
Tgt Ion:330 Resp: 1824678
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 25.2 23.5 35.3





#43
2,4,6-Trichlorophenol
Concen: 49.251 ng
RT: 12.851 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



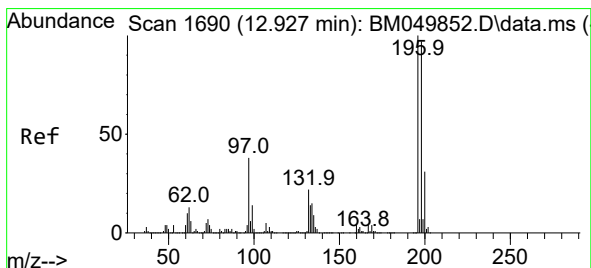
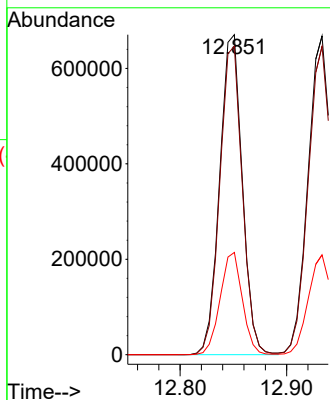
Tgt Ion:196 Resp: 98989
Ion Ratio Lower Upper
196 100
198 96.4 76.1 114.1
200 31.9 24.7 37.1

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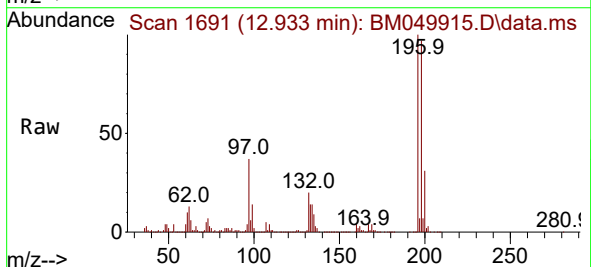
Reviewed By :Rahul
Chavli

04/15/2025

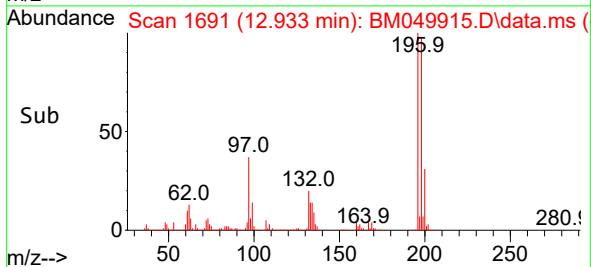
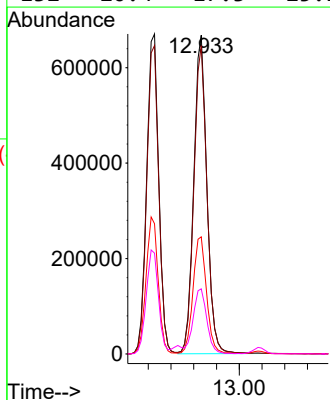
Supervised By :Jagrut
Upadhyay
04/15/2025

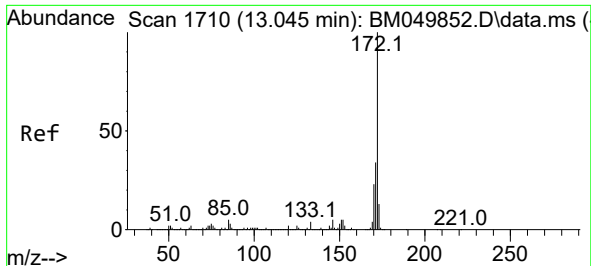


#44
2,4,5-Trichlorophenol
Concen: 49.237 ng
RT: 12.933 min Scan# 1691
Delta R.T. 0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



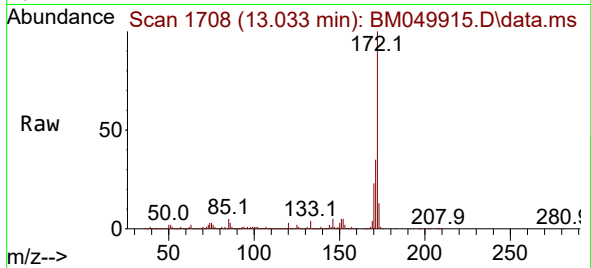
Tgt Ion:196 Resp: 1075419
Ion Ratio Lower Upper
196 100
198 96.8 77.7 116.5
97 36.8 30.3 45.5
132 20.4 17.3 25.9





#45
2-Fluorobiphenyl
Concen: 80.872 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



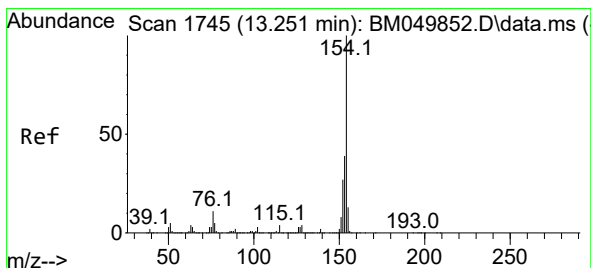
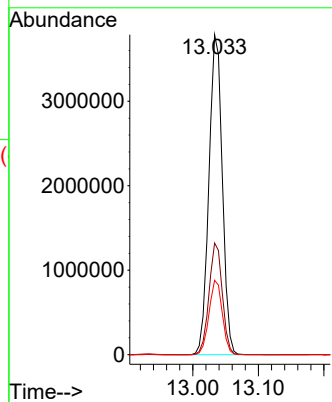
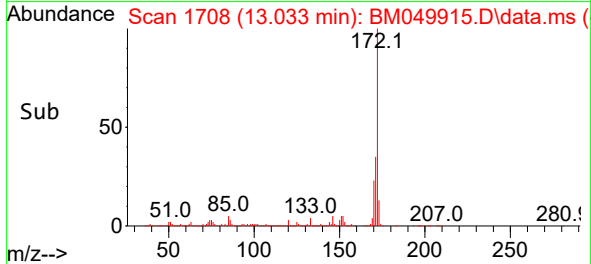
Tgt Ion:172 Resp: 538448
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.2
170 23.3 18.6 28.0

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Reviewed By :Rahul
Chavli

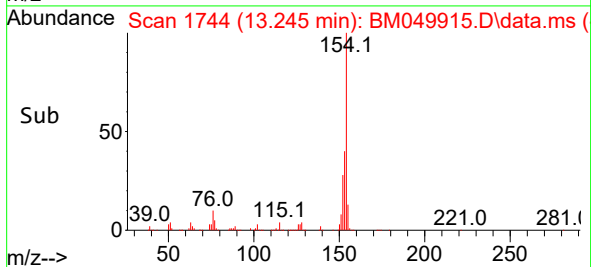
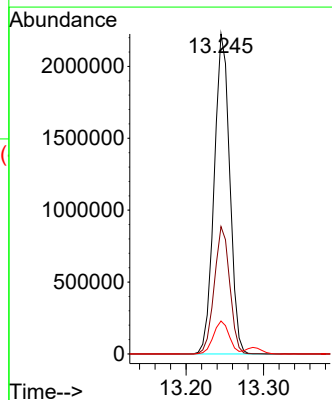
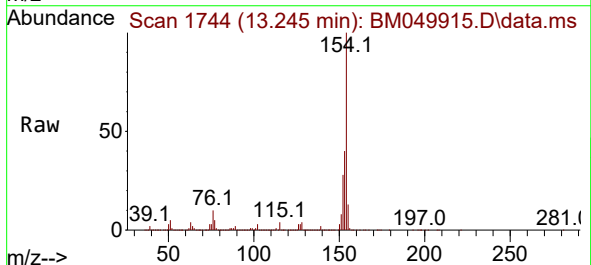
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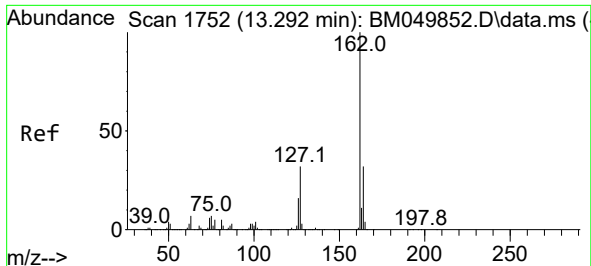
Supervised By :Jagrut
Upadhyay
04/15/2025



#46
1,1'-Biphenyl
Concen: 46.407 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

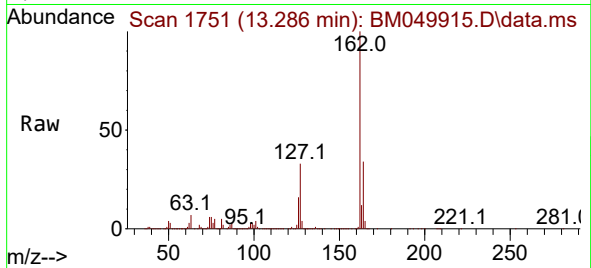
Tgt Ion:154 Resp: 3114539
Ion Ratio Lower Upper
154 100
153 39.8 19.3 59.3
76 10.3 0.0 30.7





#47
2-Chloronaphthalene
Concen: 46.680 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



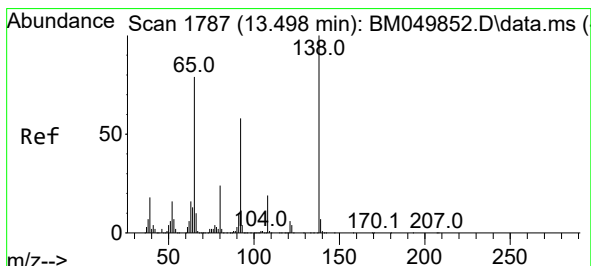
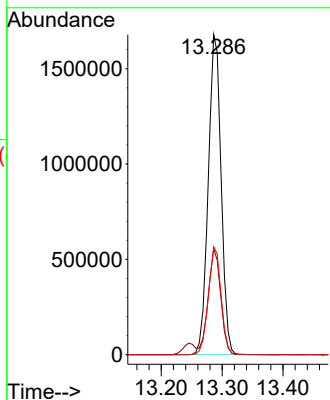
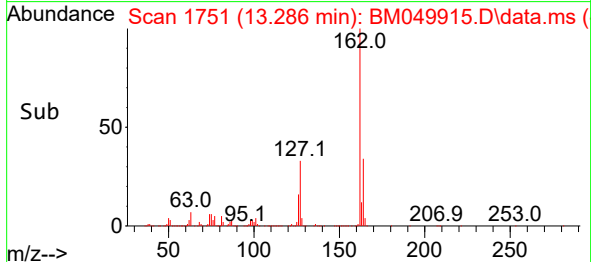
Tgt Ion:162 Resp: 246239
Ion Ratio Lower Upper
162 100
127 33.1 26.0 39.0
164 33.7 25.9 38.9

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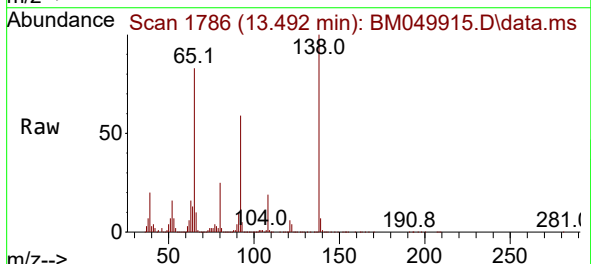
Reviewed By :Rahul
Chavli

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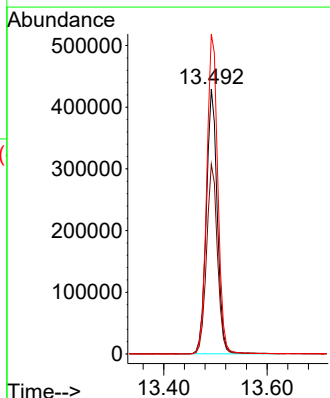
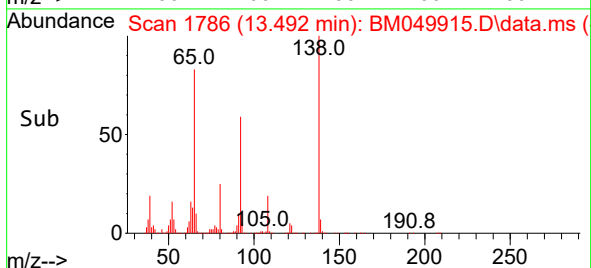
Supervised By :Jagrut
Upadhyay
04/15/2025

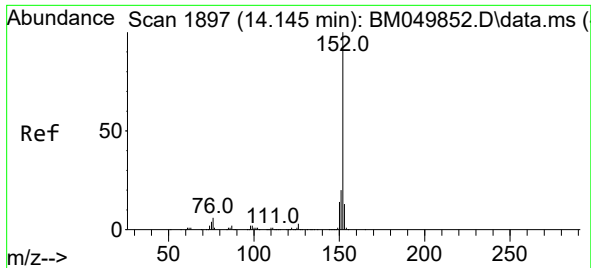


#48
2-Nitroaniline
Concen: 51.675 ng
RT: 13.492 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



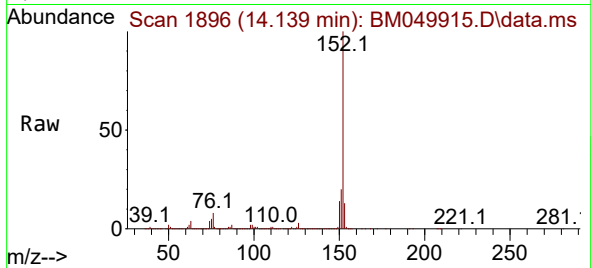
Tgt Ion: 65 Resp: 630622
Ion Ratio Lower Upper
65 100
92 71.6 58.4 87.6
138 120.8 100.8 151.2





#49
Acenaphthylene
Concen: 51.374 ng
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



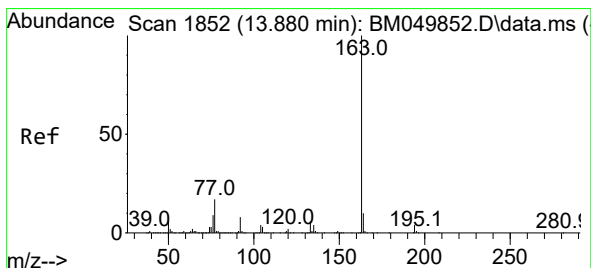
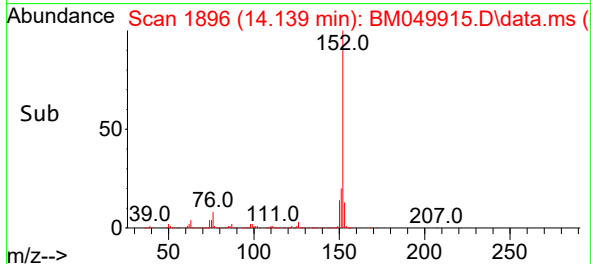
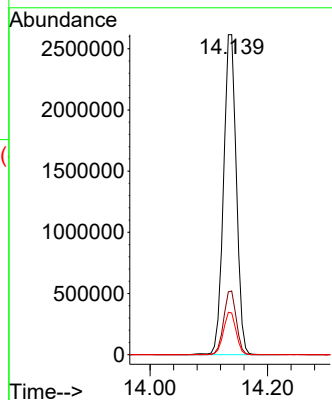
Tgt Ion:152 Resp: 3947560
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.1 10.4 15.6

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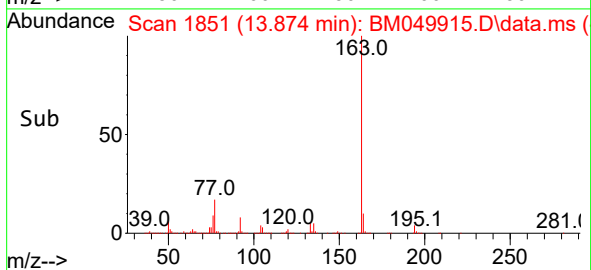
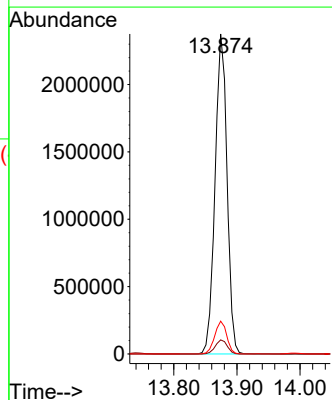
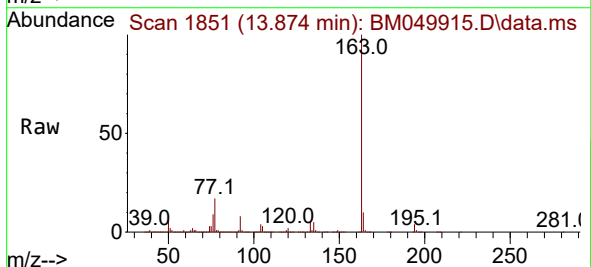
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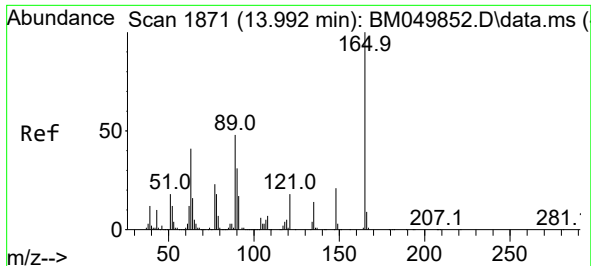
Supervised By :Jagrut
Upadhyay
04/15/2025



#50
Dimethylphthalate
Concen: 48.998 ng
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

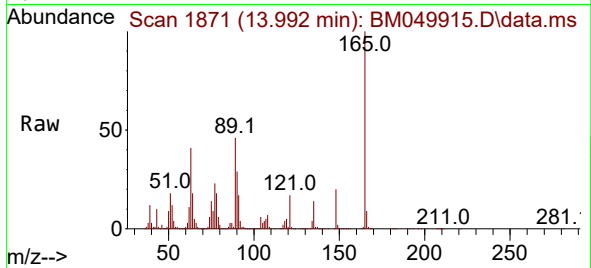
Tgt Ion:163 Resp: 3120872
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 51.139 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



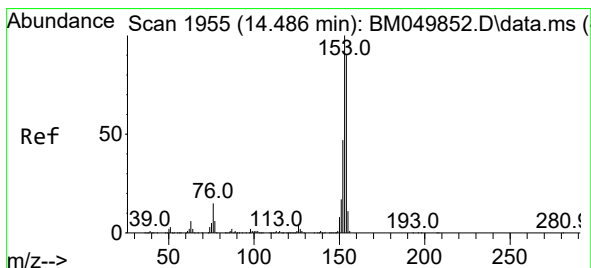
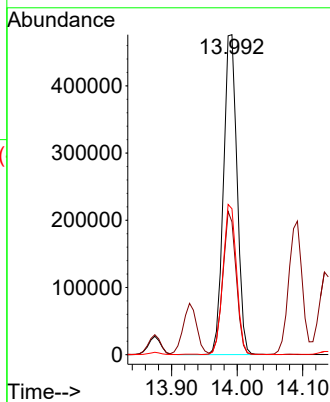
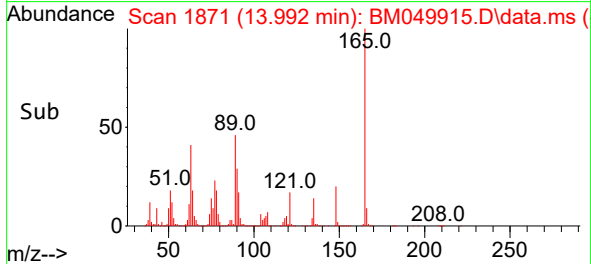
Tgt Ion:165 Resp: 682439
Ion Ratio Lower Upper
165 100
63 41.5 36.1 54.1
89 45.6 38.3 57.5

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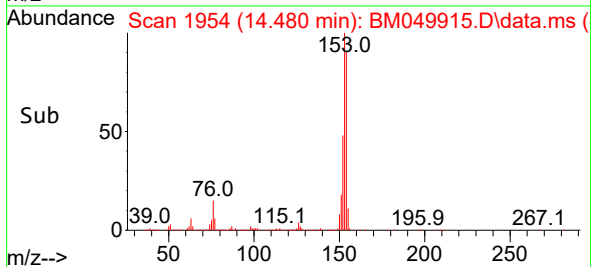
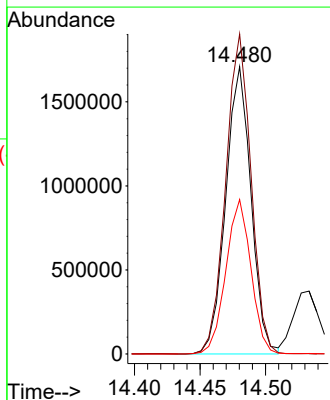
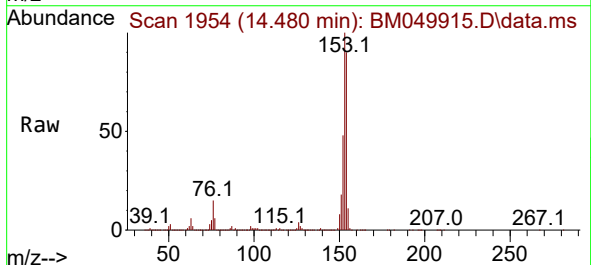
04/15/2025

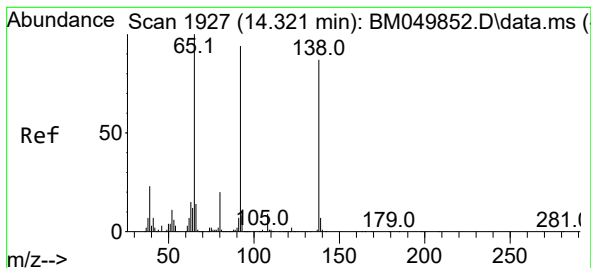
Supervised By :Jagrut
Upadhyay
04/15/2025



#52
Acenaphthene
Concen: 46.965 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

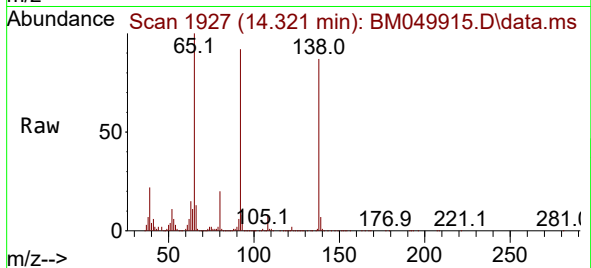
Tgt Ion:154 Resp: 2295470
Ion Ratio Lower Upper
154 100
153 111.4 89.3 133.9
152 53.8 42.2 63.2





#53
3-Nitroaniline
Concen: 46.491 ng
RT: 14.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



Tgt Ion:138 Resp: 599632
Ion Ratio Lower Upper
138 100
108 9.2 8.1 12.1
92 105.9 86.5 129.7

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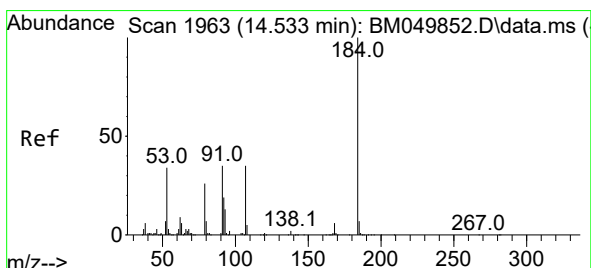
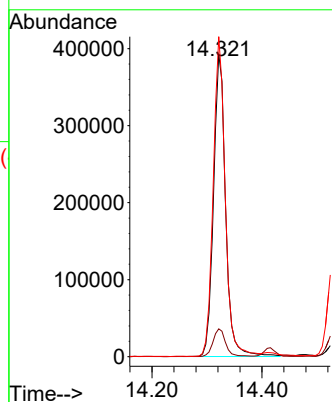
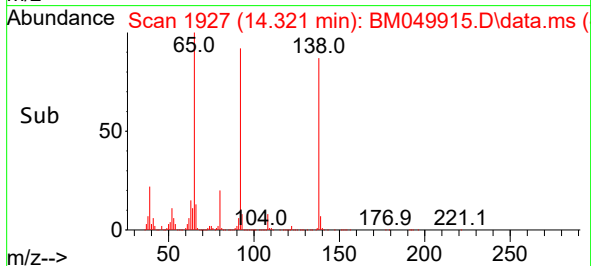
Reviewed By :Rahul
Chavli

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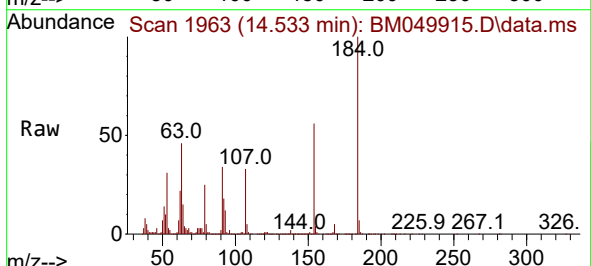
Supervised By :Jagrut

Upadhyay

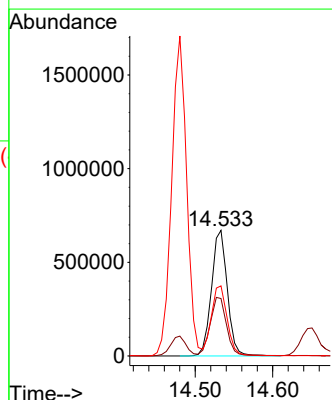
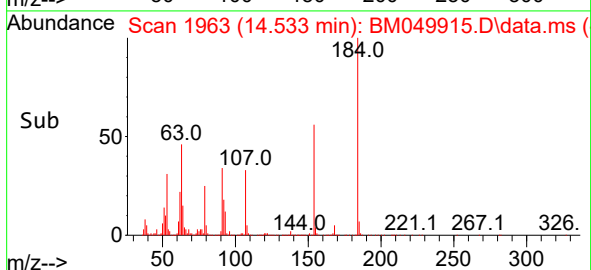
04/15/2025

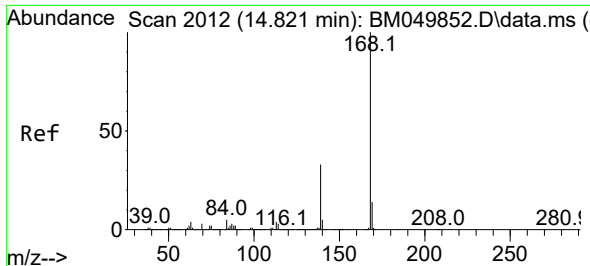


#54
2,4-Dinitrophenol
Concen: 96.932 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



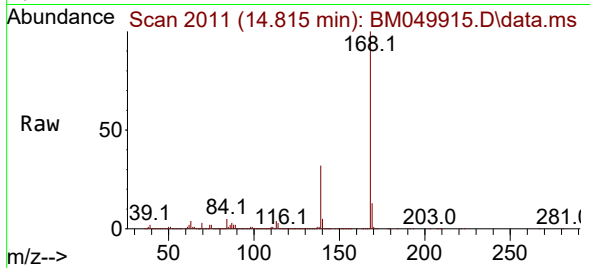
Tgt Ion:184 Resp: 952990
Ion Ratio Lower Upper
184 100
63 45.8 38.4 57.6
154 55.8 48.1 72.1





#55
Dibenzenofuran
Concen: 46.451 ng
RT: 14.815 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



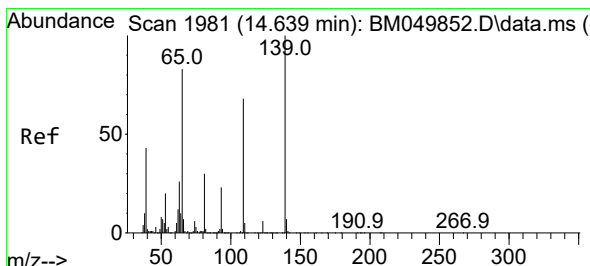
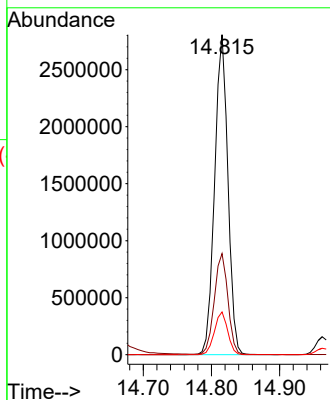
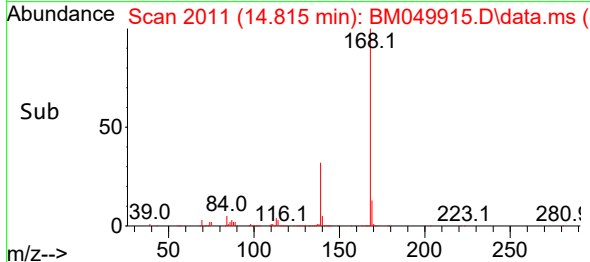
Tgt Ion:168 Resp: 379532
Ion Ratio Lower Upper
168 100
139 31.6 26.6 39.8
169 13.3 11.0 16.4

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Chavli

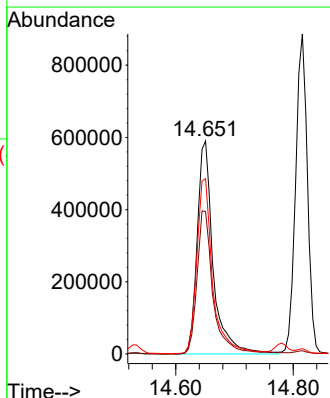
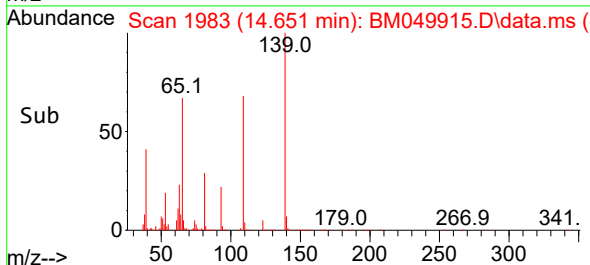
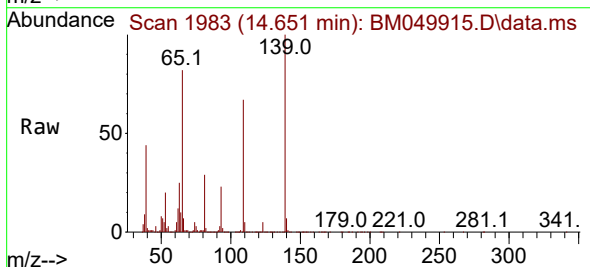
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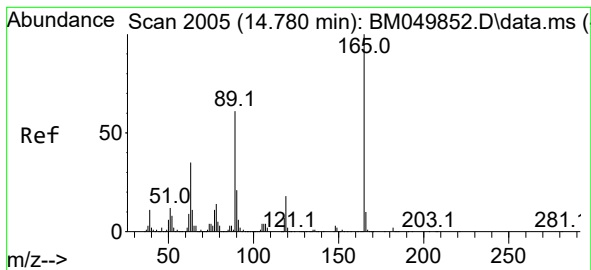
Supervised By :Jagrut
Upadhyay
04/15/2025



#56
4-Nitrophenol
Concen: 97.056 ng
RT: 14.651 min Scan# 1983
Delta R.T. 0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

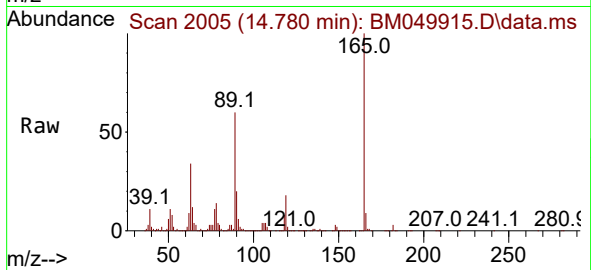
Tgt Ion:139 Resp: 1115513
Ion Ratio Lower Upper
139 100
109 67.0 47.9 87.9
65 82.3 62.7 102.7





#57
2,4-Dinitrotoluene
Concen: 54.984 ng
RT: 14.780 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD

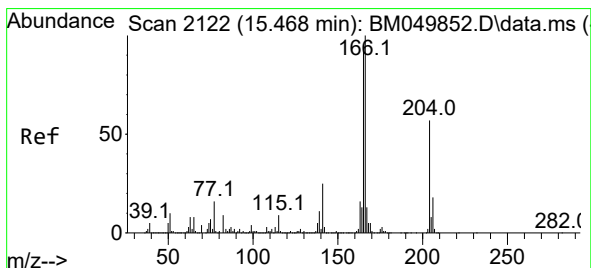
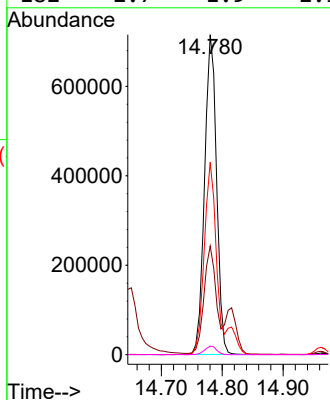
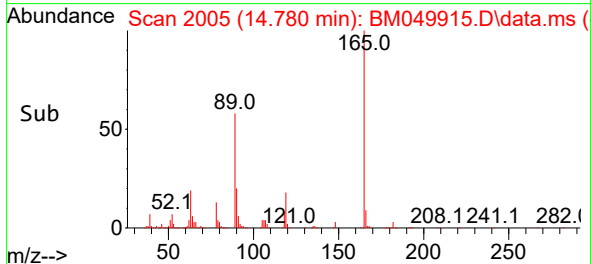


Tgt Ion:165 Resp: 97886
Ion Ratio Lower Upper
165 100
63 33.9 28.6 42.8
89 60.1 49.0 73.6
182 2.7 1.9 2.9

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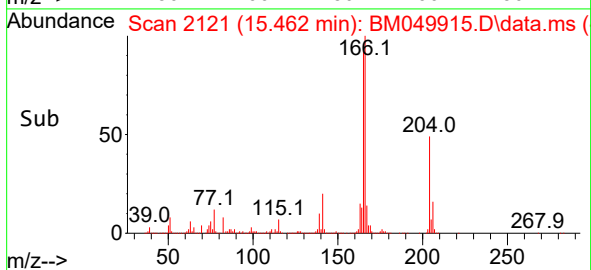
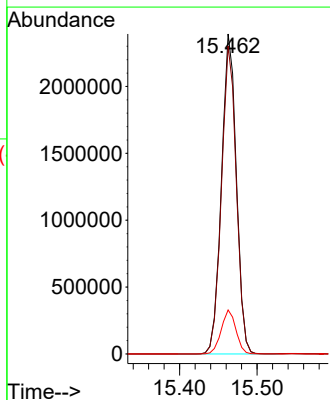
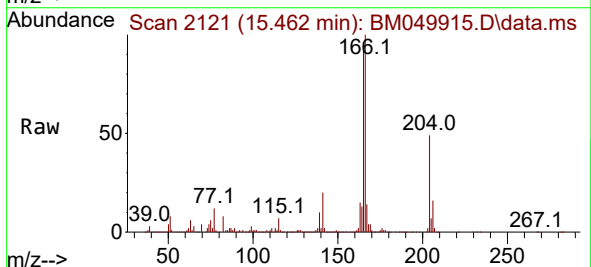
Reviewed By :Rahul
Chavli
04/15/2025

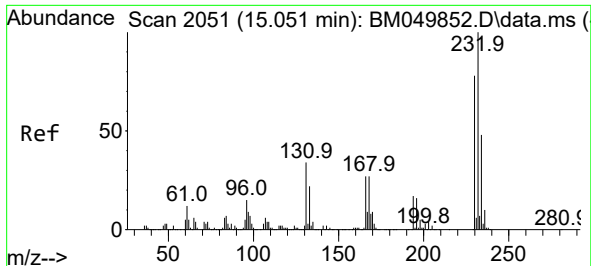
Supervised By :Jagrut
Upadhyay
04/15/2025



#58
Fluorene
Concen: 49.113 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

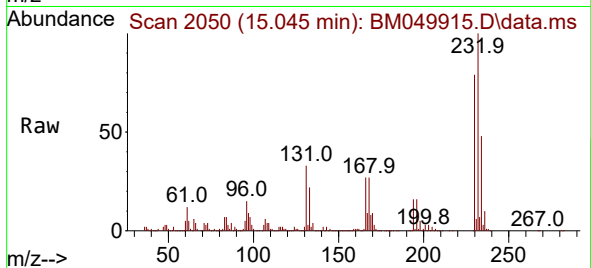
Tgt Ion:166 Resp: 3189740
Ion Ratio Lower Upper
166 100
165 96.3 76.3 114.5
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.216 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD

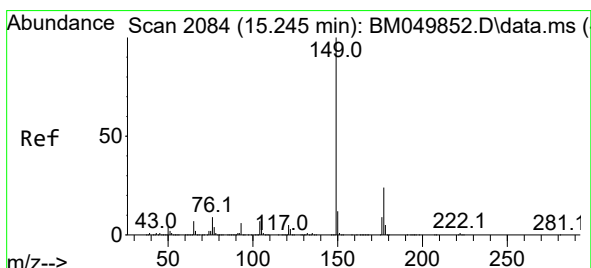
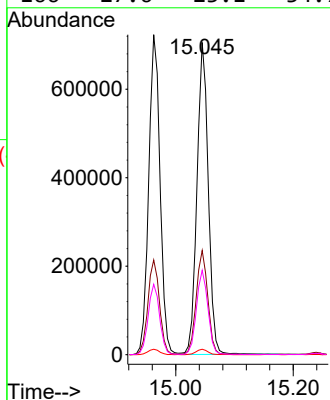
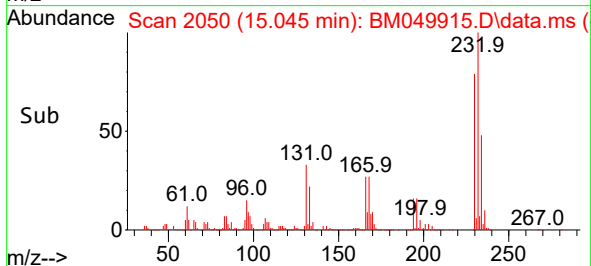


Tgt Ion:232 Resp: 94217
Ion Ratio Lower Upper
232 100
131 34.0 28.4 42.6
130 1.8 1.6 2.4
166 27.6 23.1 34.7

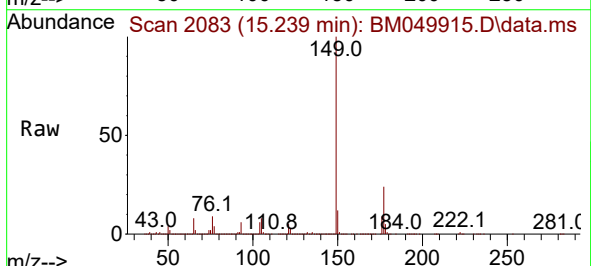
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli
04/15/2025

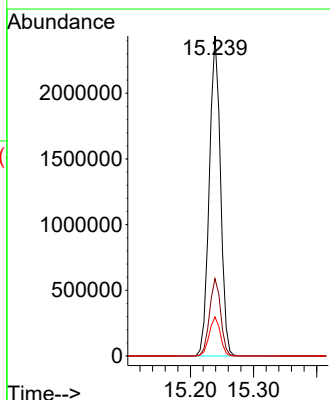
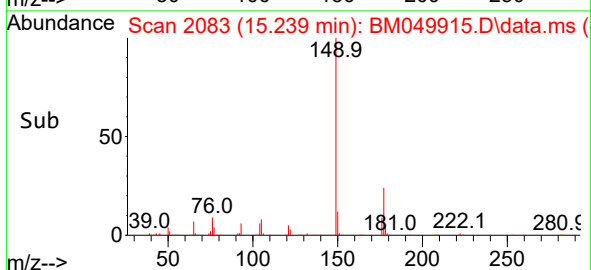
Supervised By :Jagrut
Upadhyay
04/15/2025

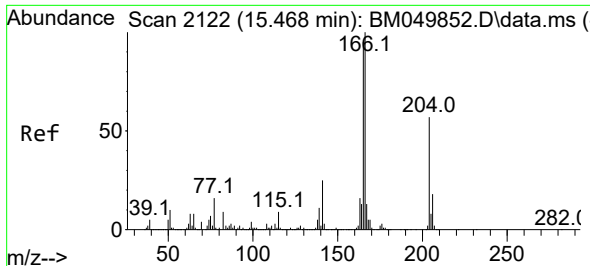


#60
Diethylphthalate
Concen: 48.803 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



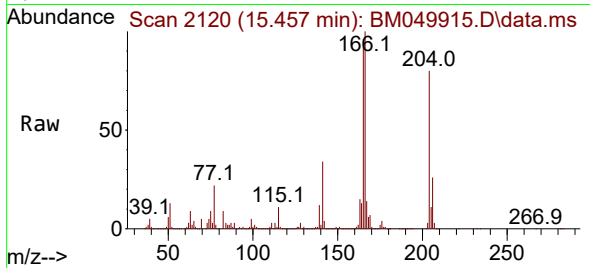
Tgt Ion:149 Resp: 2980940
Ion Ratio Lower Upper
149 100
177 24.1 19.0 28.4
150 12.2 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 50.080 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



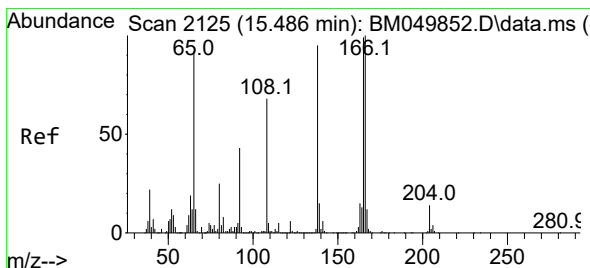
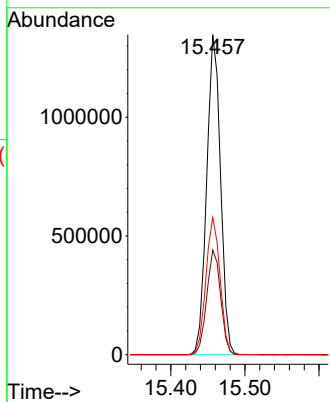
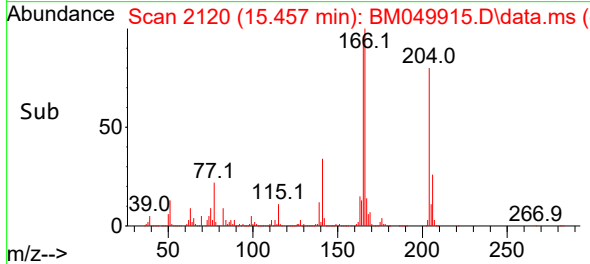
Tgt Ion:204 Resp: 174380
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 42.9 35.0 52.6

Manual Integrations
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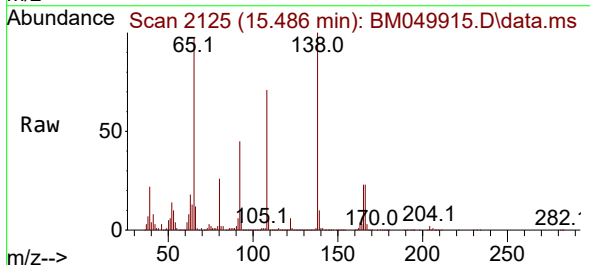
Reviewed By :Rahul
Chavli

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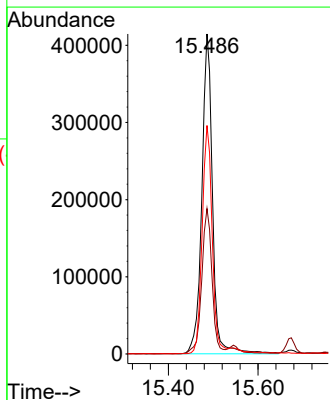
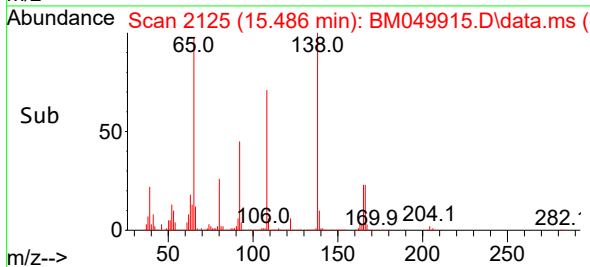
Supervised By :Jagrut
Upadhyay
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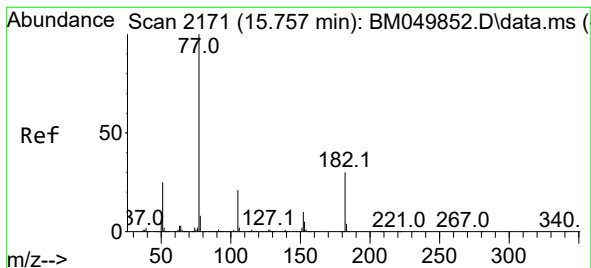


#62
4-Nitroaniline
Concen: 51.282 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50



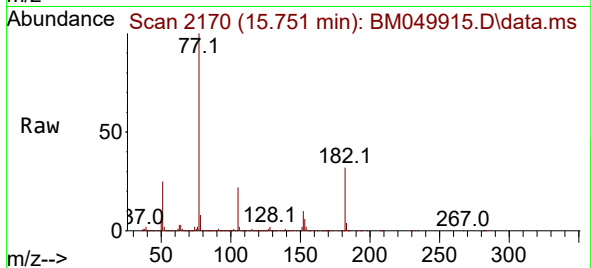
Tgt Ion:138 Resp: 684001
Ion Ratio Lower Upper
138 100
92 45.5 24.9 64.9
108 71.4 51.7 91.7





#63
Azobenzene
Concen: 47.338 ng
RT: 15.751 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD

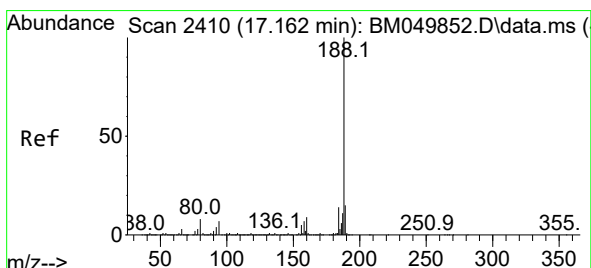
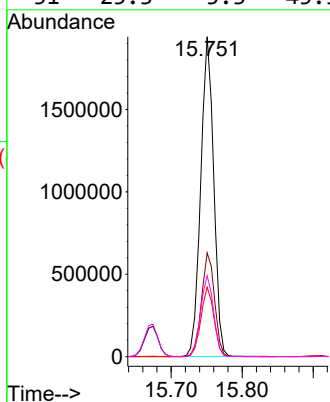
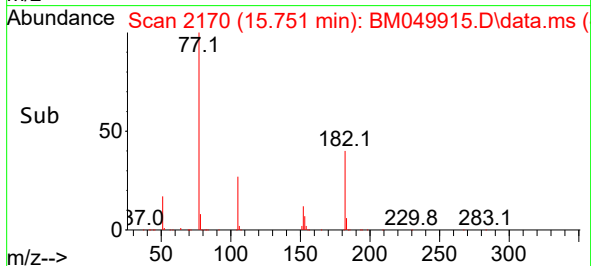


Tgt Ion: 77 Resp: 2475520
Ion Ratio Lower Upper
77 100
182 32.4 10.4 50.4
105 21.7 1.5 41.5
51 25.3 5.3 45.3

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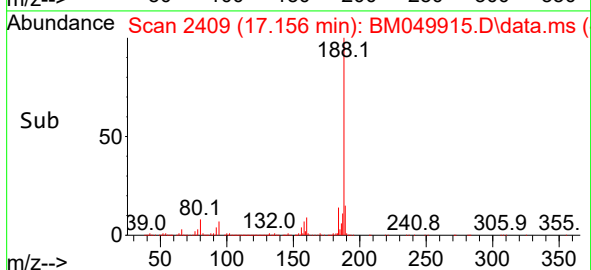
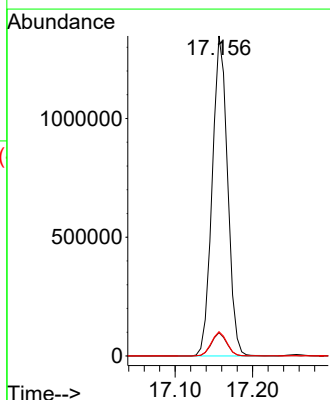
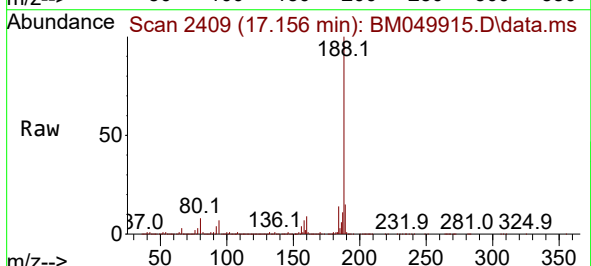
Reviewed By :Rahul
Chavli
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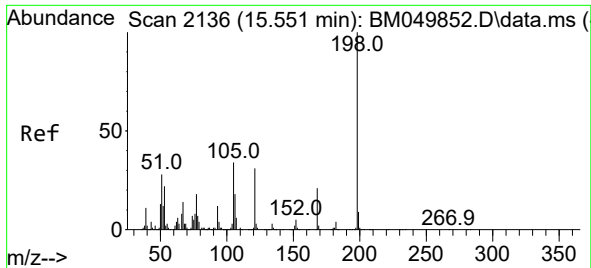
Supervised By :Jagrut
Upadhyay
04/15/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

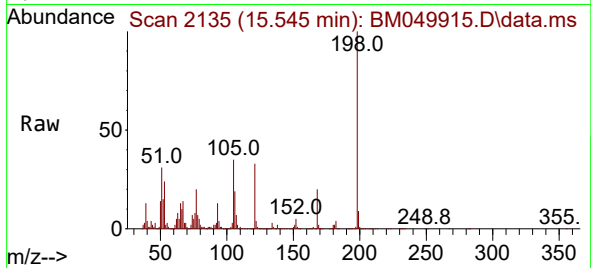
Tgt Ion:188 Resp: 1855729
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 7.6 6.4 9.6





#65
4,6-Dinitro-2-methylphenol
Concen: 50.998 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



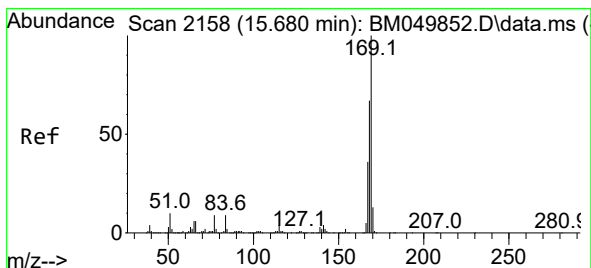
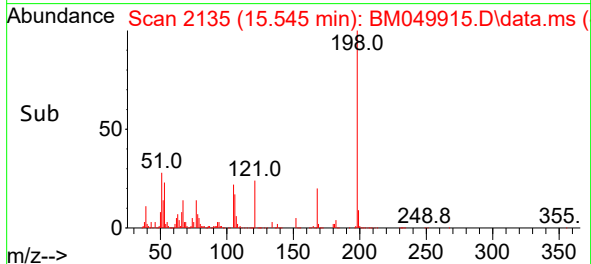
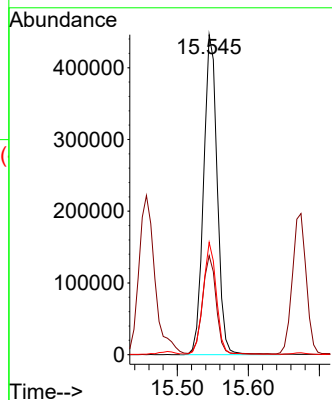
Tgt Ion:198 Resp: 59636
Ion Ratio Lower Upper
198 100
51 31.0 9.6 49.6
105 35.1 14.7 54.7

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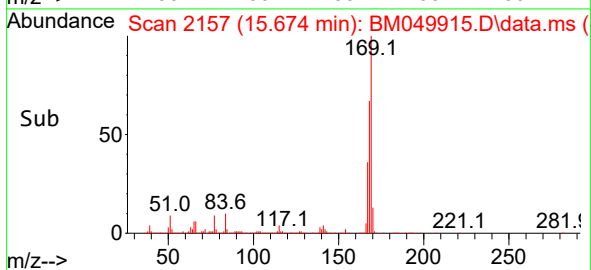
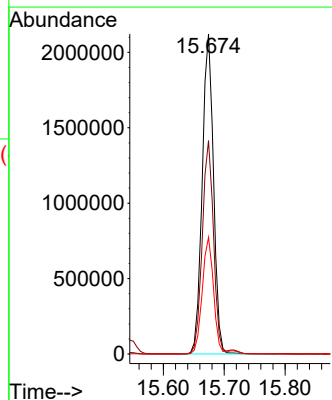
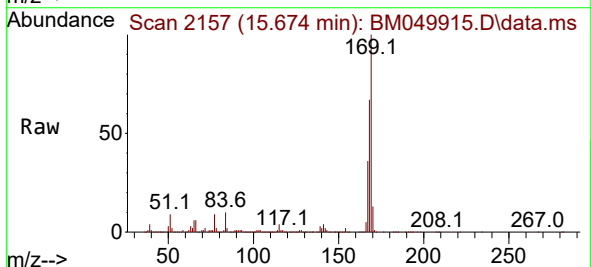
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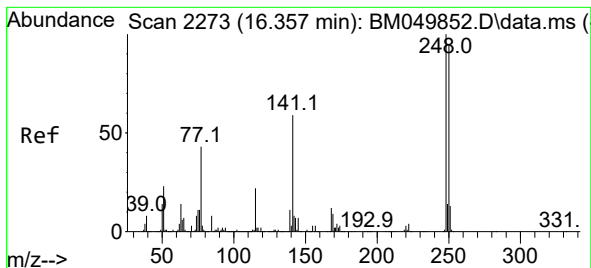
Supervised By :Jagrut
Upadhyay
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#66
n-Nitrosodiphenylamine
Concen: 49.157 ng
RT: 15.674 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

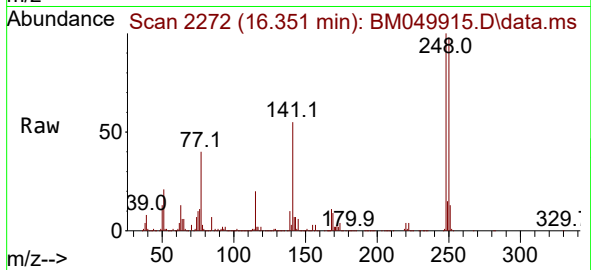
Tgt Ion:169 Resp: 2729914
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.117 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



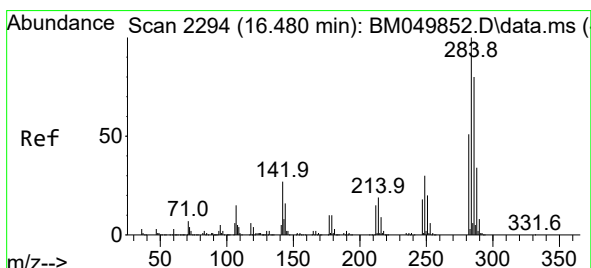
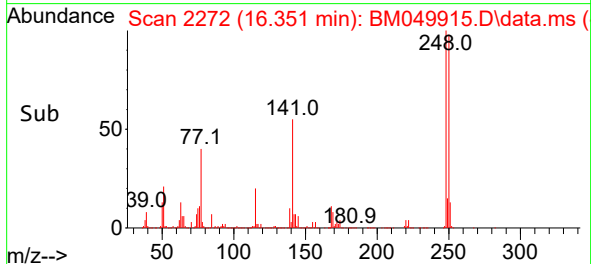
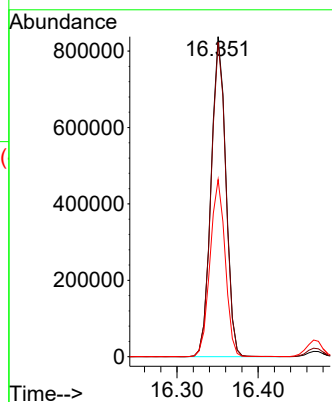
Tgt Ion:248 Resp: 1058120
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.2
141 55.3 47.3 70.9

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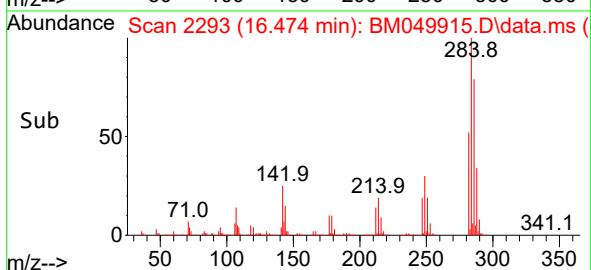
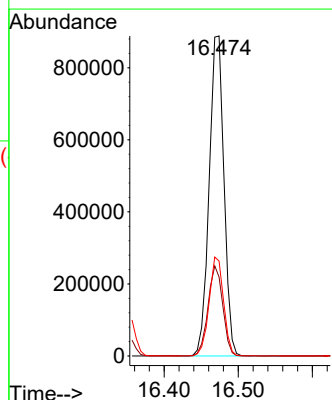
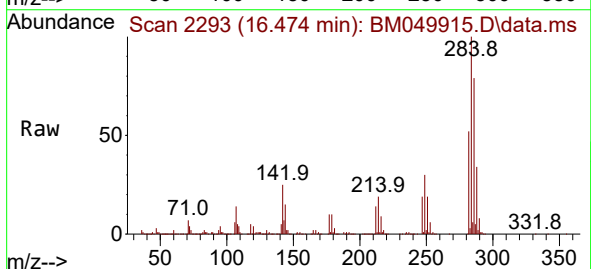
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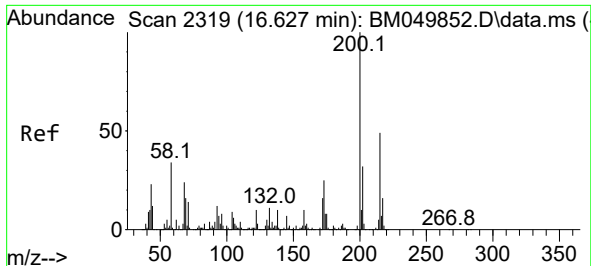
Supervised By :Jagrut
Upadhyay
04/15/2025



#68
Hexachlorobenzene
Concen: 49.836 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

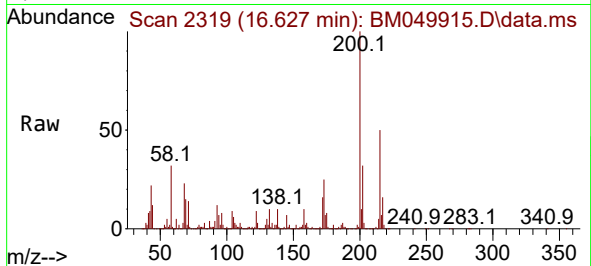
Tgt Ion:284 Resp: 1231470
Ion Ratio Lower Upper
284 100
142 24.6 21.2 31.8
249 29.7 24.1 36.1





#69
 Atrazine
 Concen: 68.449 ng
 RT: 16.627 min Scan# 2319
 Delta R.T. 0.000 min
 Lab File: BM049915.D
 Acq: 14 Apr 2025 15:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-9MSD



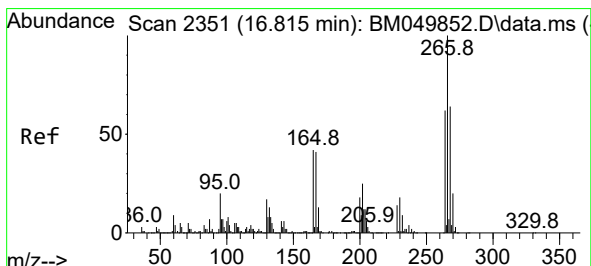
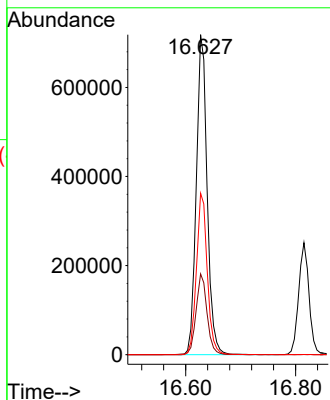
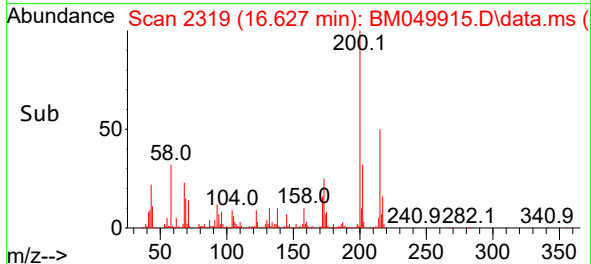
Tgt Ion:200 Resp: 985614
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.4 45.4
 215 50.5 29.0 69.0

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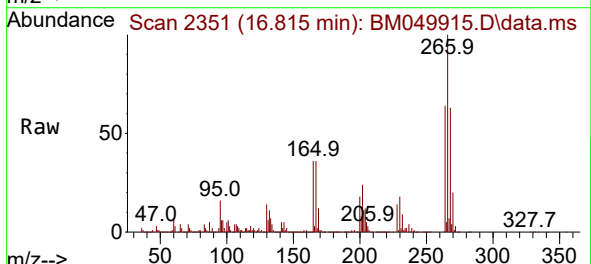
Reviewed By :Rahul
 Chavli

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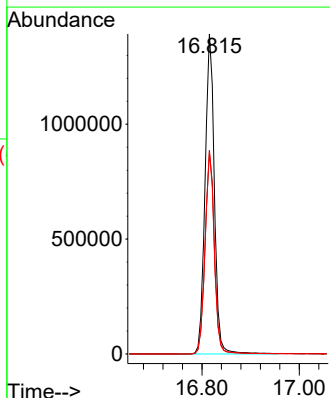
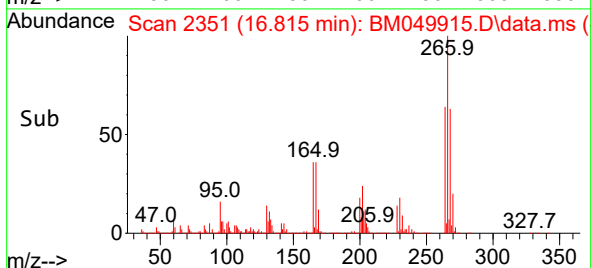
Supervised By :Jagrut
 Upadhyay
 04/15/2025

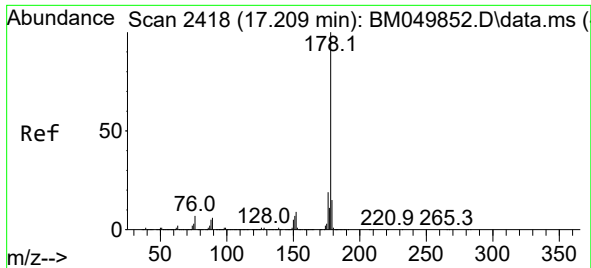


#70
 Pentachlorophenol
 Concen: 101.164 ng
 RT: 16.815 min Scan# 2351
 Delta R.T. -0.000 min
 Lab File: BM049915.D
 Acq: 14 Apr 2025 15:50



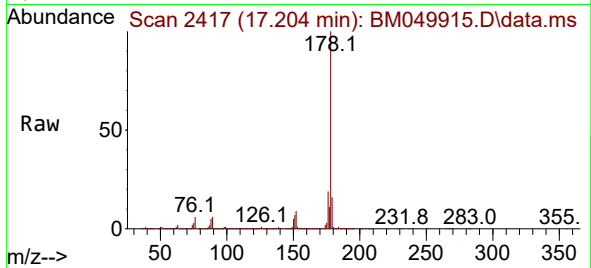
Tgt Ion:266 Resp: 1840393
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.4 77.2
 264 63.7 49.8 74.8





#71
Phenanthrene
Concen: 49.965 ng
RT: 17.204 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



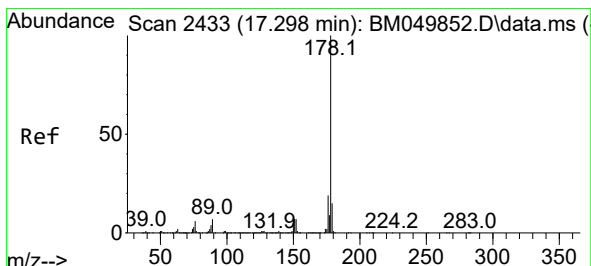
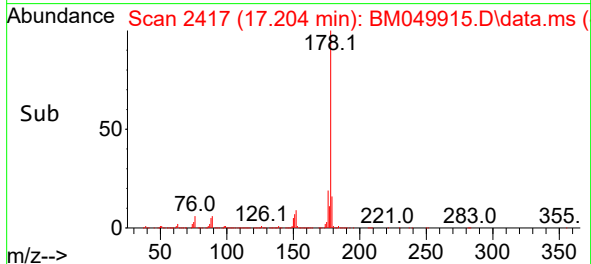
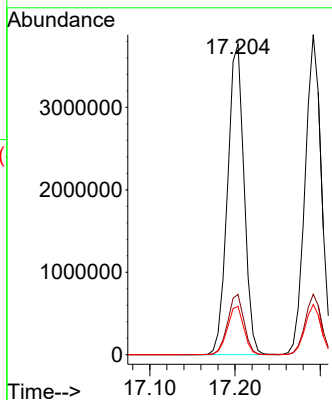
Tgt Ion:178 Resp: 5083340
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.3 18.5

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Chavli

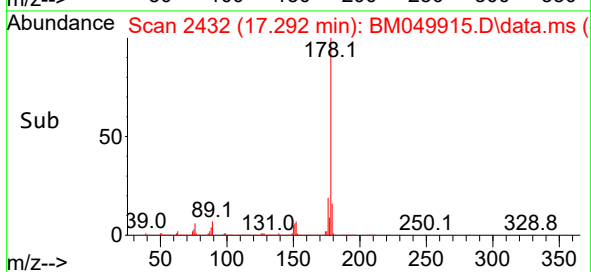
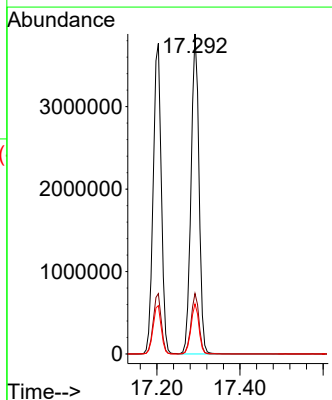
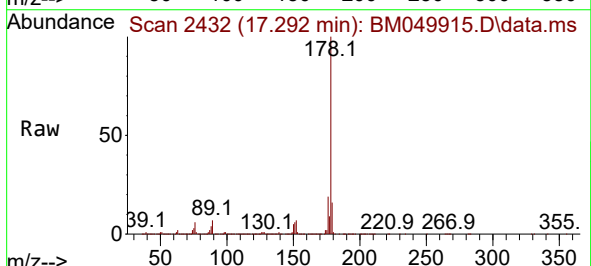
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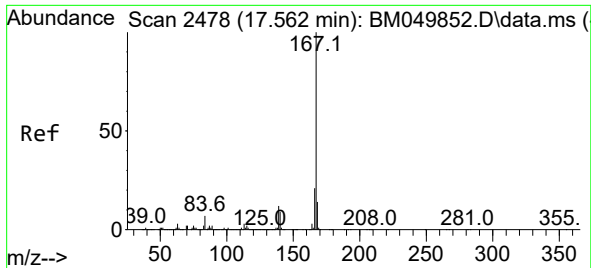
Supervised By :Jagrut
Upadhyay
04/15/2025



#72
Anthracene
Concen: 51.356 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

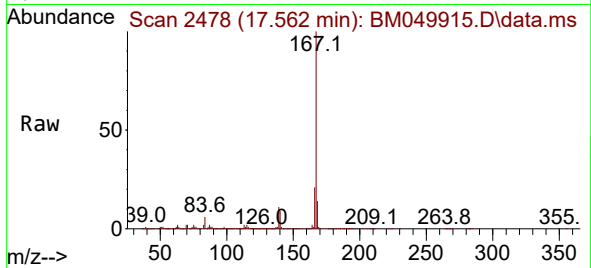
Tgt Ion:178 Resp: 5148994
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 50.674 ng
 RT: 17.562 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BM049915.D
 Acq: 14 Apr 2025 15:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-9MSD



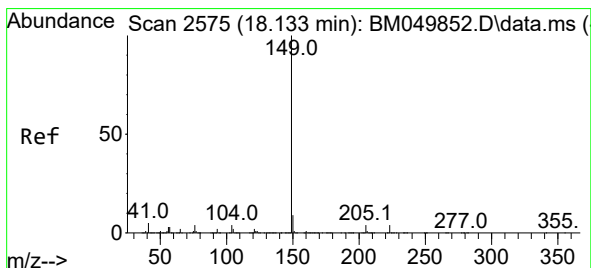
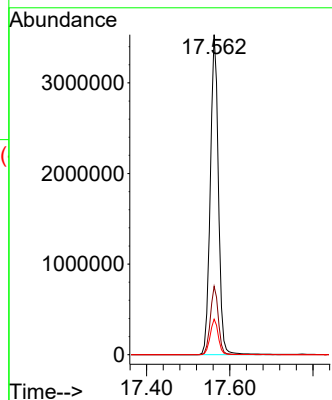
Tgt Ion:167 Resp: 478538
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 11.1 9.3 13.9

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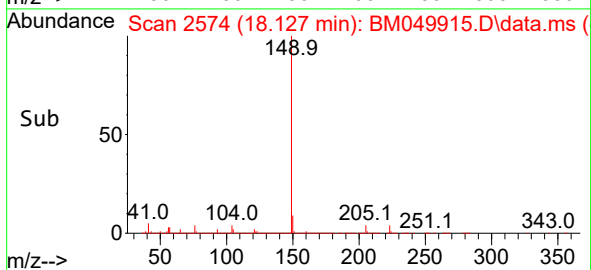
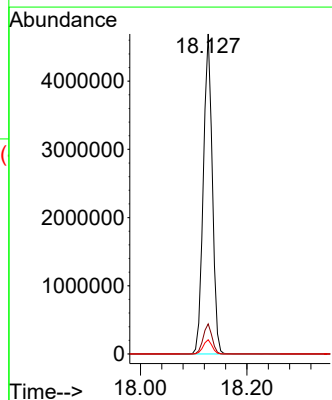
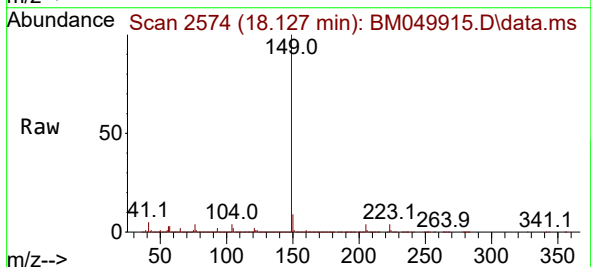
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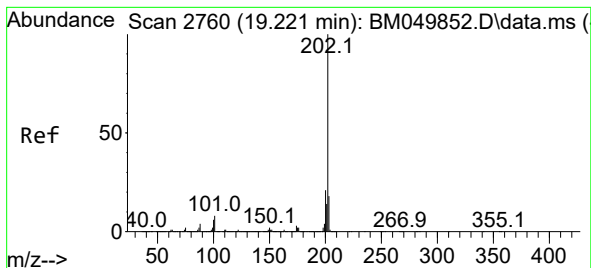
Supervised By :Jagrut
 Upadhyay
 04/15/2025



#74
 Di-n-butylphthalate
 Concen: 50.228 ng
 RT: 18.127 min Scan# 2574
 Delta R.T. -0.006 min
 Lab File: BM049915.D
 Acq: 14 Apr 2025 15:50

Tgt Ion:149 Resp: 5463252
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.4 3.5 5.3





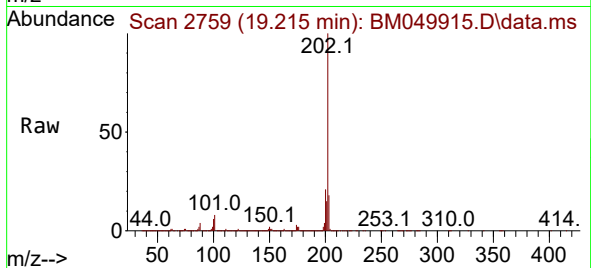
#75
Fluoranthene
Concen: 51.792 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :

BNA_M

ClientSampleId :

TP-9MSD



Tgt Ion:202 Resp: 647881
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.4
203 17.9 0.0 37.8

Manual Integrations

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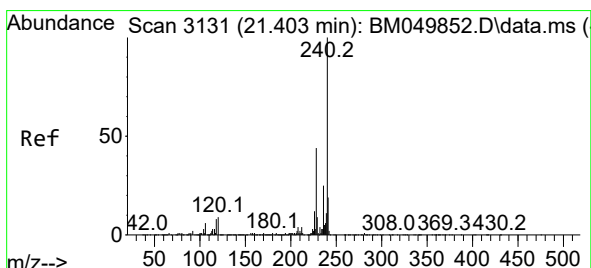
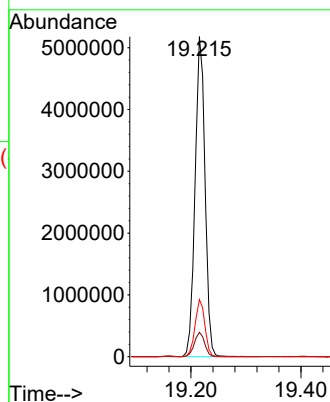
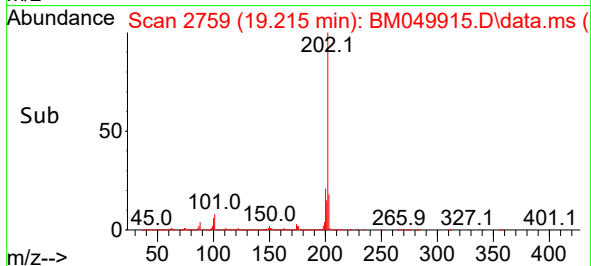
Chavli

04/15/2025

Supervised By :Jagrut

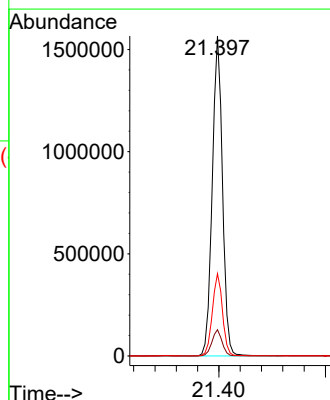
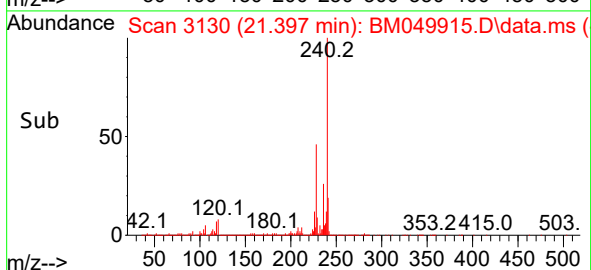
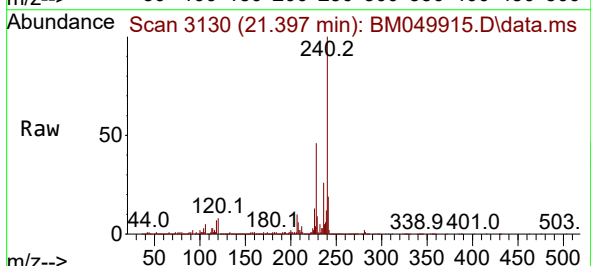
Upadhyay

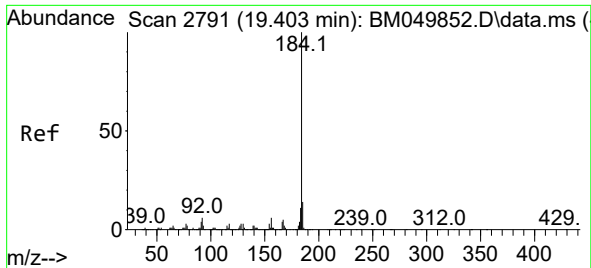
04/15/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

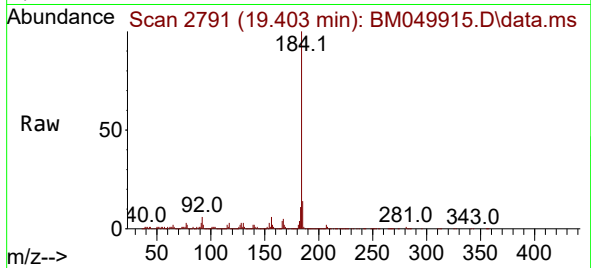
Tgt Ion:240 Resp: 2089904
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.7 20.4 30.6





#77
Benzidine
Concen: 70.987 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD

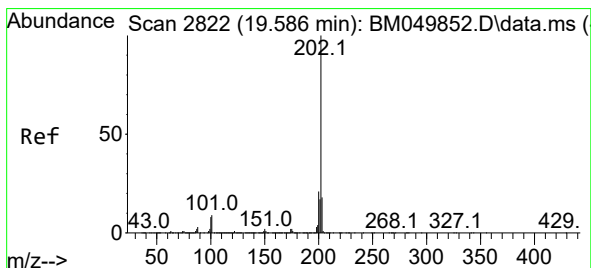
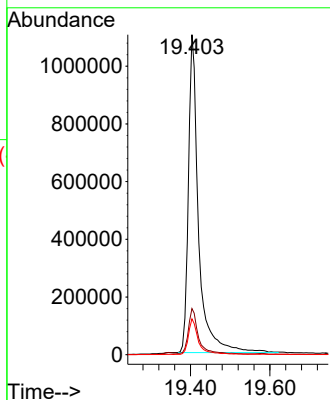
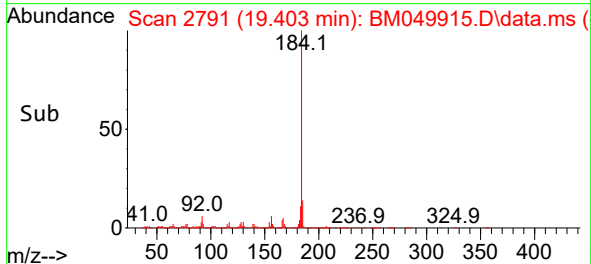


Tgt Ion:184 Resp: 196816
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 11.2 8.8 13.2

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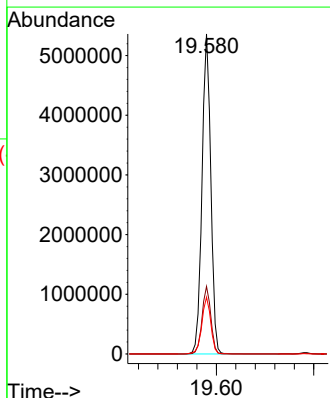
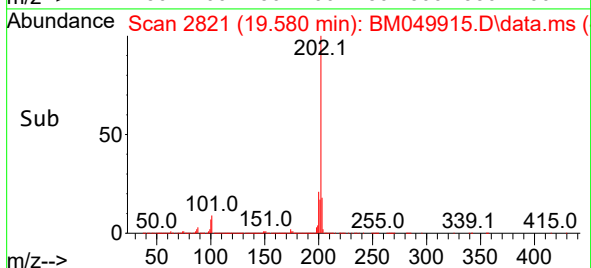
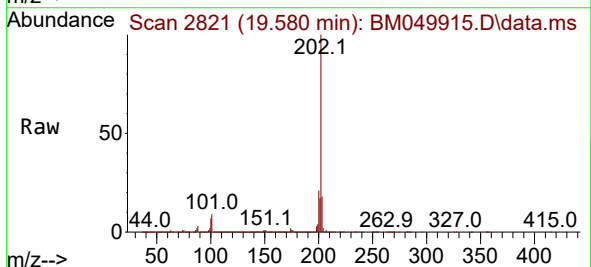
Reviewed By :Rahul
Chavli
04/15/2025

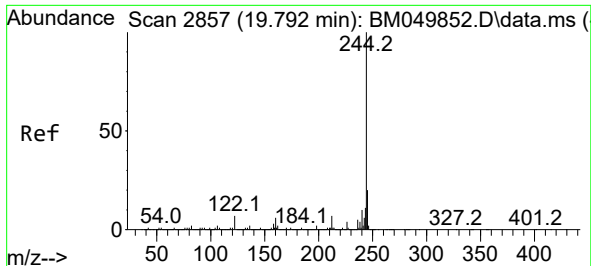
Supervised By :Jagrut
Upadhyay
04/15/2025



#78
Pyrene
Concen: 46.717 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Tgt Ion:202 Resp: 6728833
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 17.7 14.0 21.0





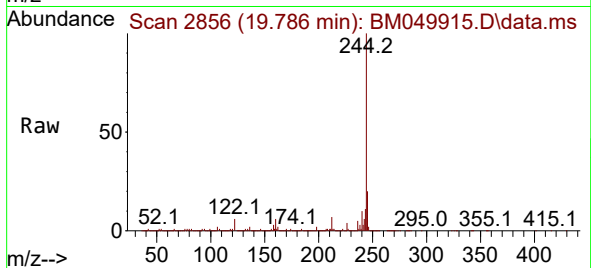
#79
 Terphenyl-d14
 Concen: 76.805 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049915.D
 Acq: 14 Apr 2025 15:50

Instrument :

BNA_M

ClientSampleId :

TP-9MSD



Tgt Ion:244 Resp: 856510
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 6.3 5.4 8.0

Manual Integrations

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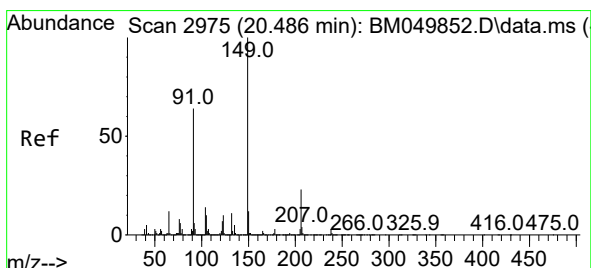
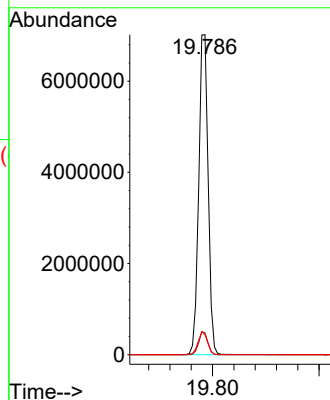
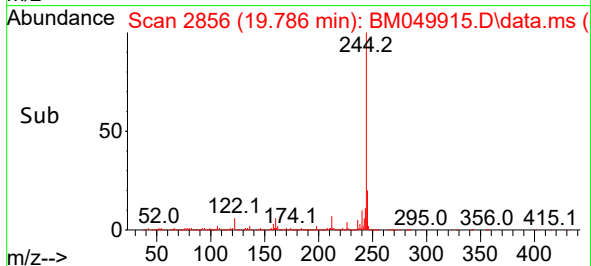
Chavli

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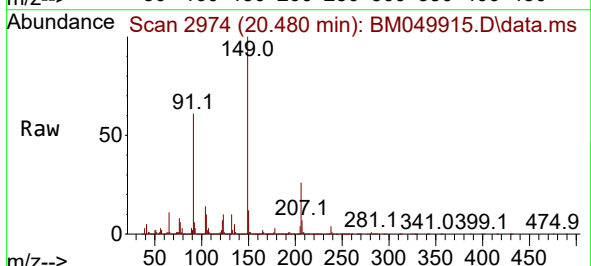
Supervised By :Jagrut

Upadhyay

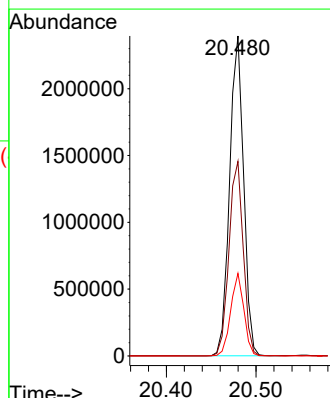
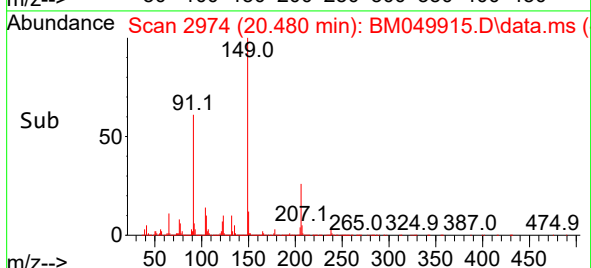
04/15/2025

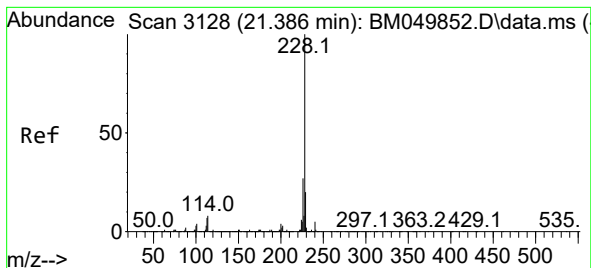


#80
 Butylbenzylphthalate
 Concen: 47.913 ng
 RT: 20.480 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM049915.D
 Acq: 14 Apr 2025 15:50



Tgt Ion:149 Resp: 2593100
 Ion Ratio Lower Upper
 149 100
 91 60.8 50.9 76.3
 206 25.8 18.4 27.6





#81

Benzo(a)anthracene

Concen: 50.944 ng

RT: 21.380 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

Instrument :

BNA_M

ClientSampleId :

TP-9MSD

Tgt Ion:228 Resp: 7075814

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

229 19.9 15.8 23.8

Manual Integrations

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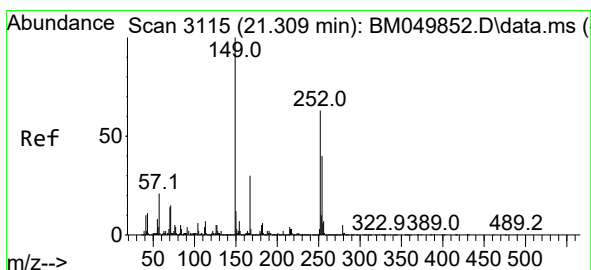
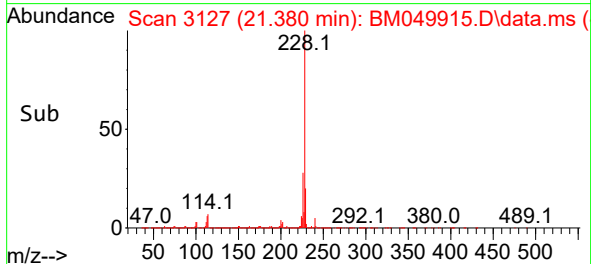
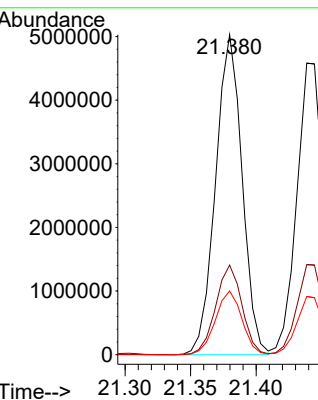
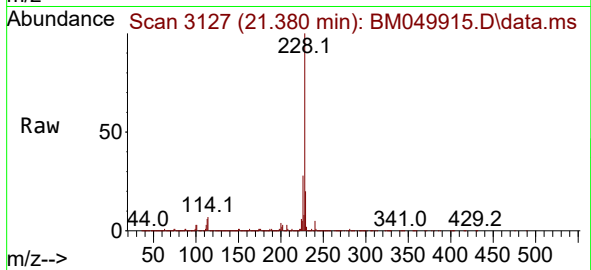
Chavli

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#82

3,3'-Dichlorobenzidine

Concen: 32.821 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

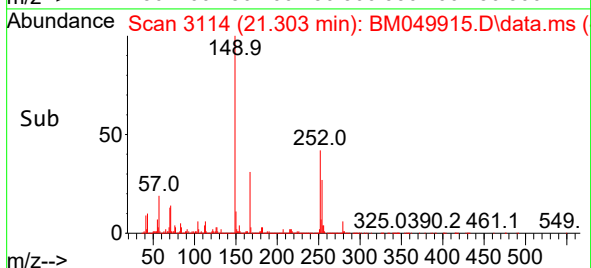
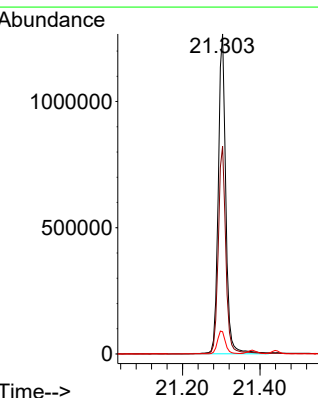
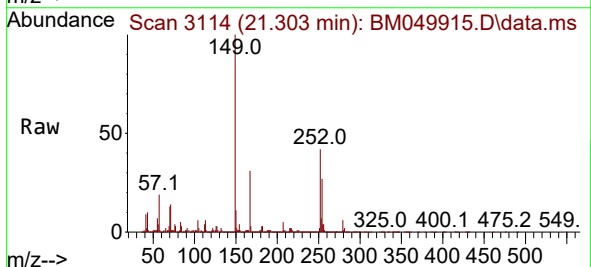
Tgt Ion:252 Resp: 1721537

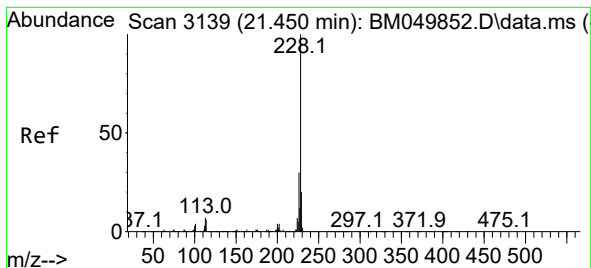
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 6.9 6.3 9.5





#83

Chrysene

Concen: 49.316 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.012 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

Instrument :

BNA_M

ClientSampleId :

TP-9MSD

Tgt Ion:228 Resp: 651207

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

229 20.0 15.8 23.6

Manual Integrations

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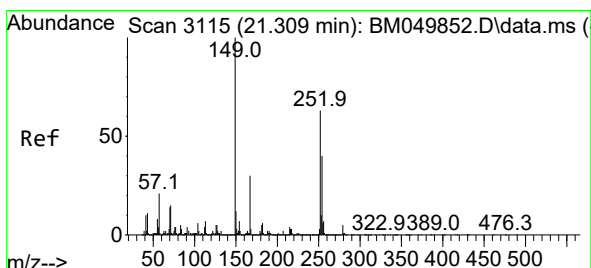
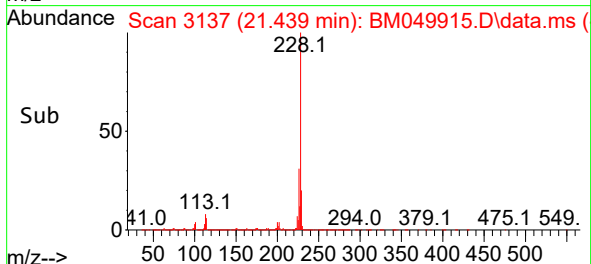
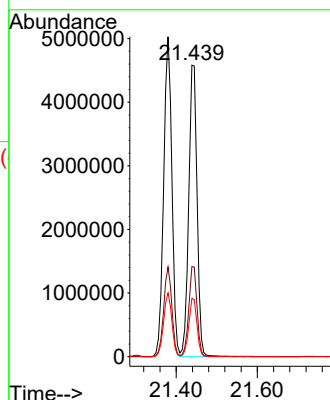
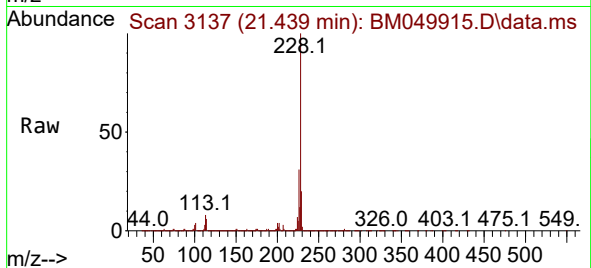
Chavli

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#84

Bis(2-ethylhexyl)phthalate

Concen: 47.473 ng

RT: 21.303 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

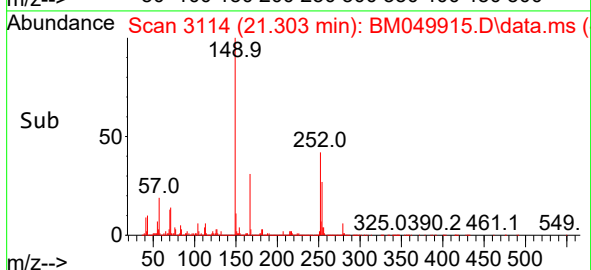
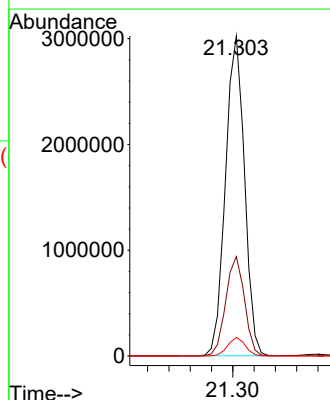
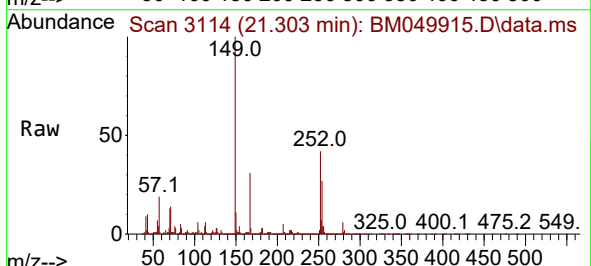
Tgt Ion:149 Resp: 3743319

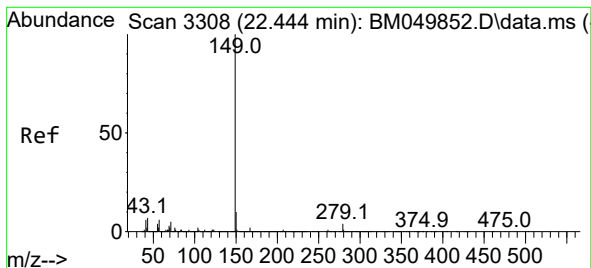
Ion Ratio Lower Upper

149 100

167 31.0 23.8 35.6

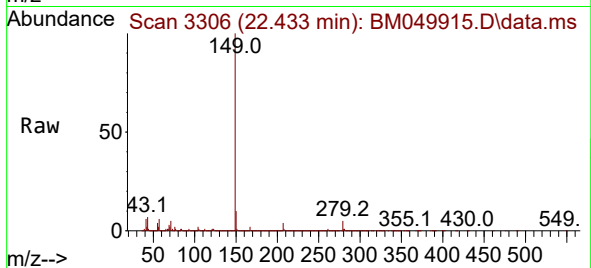
279 5.8 3.8 5.8#





#85
Di-n-octyl phthalate
Concen: 47.918 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Instrument :
BNA_M
ClientSampleId :
TP-9MSD



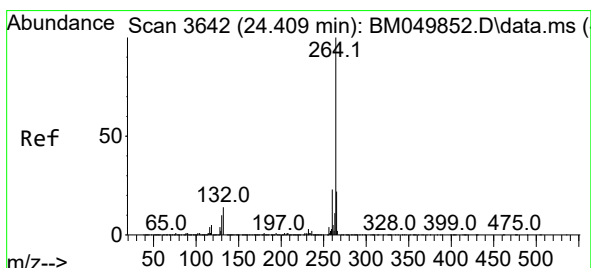
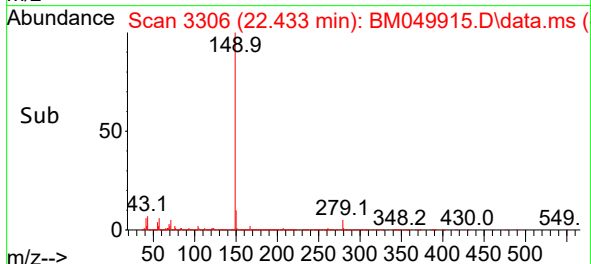
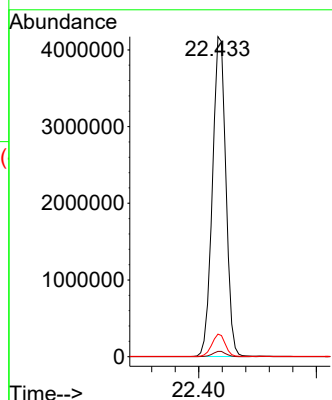
Tgt Ion:149 Resp: 661002
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.9 5.8 8.6

Manual Integrations
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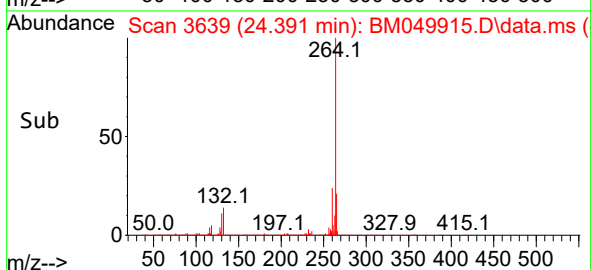
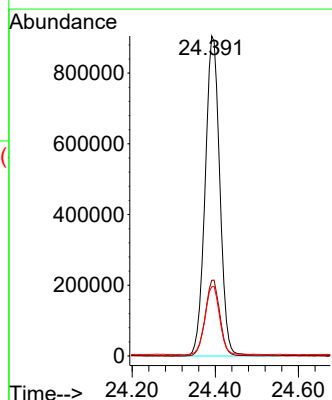
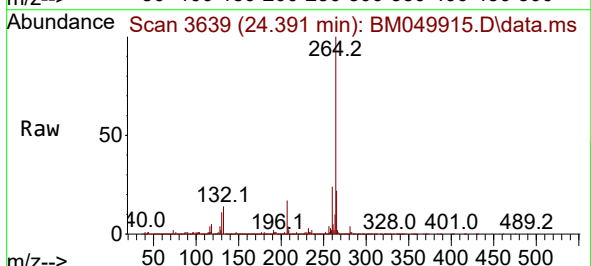
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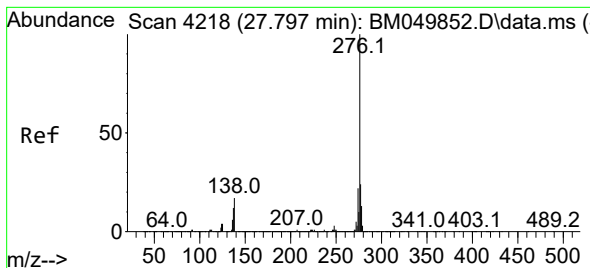
Supervised By :Jagrut
Upadhyay
04/15/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049915.D
Acq: 14 Apr 2025 15:50

Tgt Ion:264 Resp: 2215771
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.6 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.574 ng

RT: 27.779 min Scan# 41

Delta R.T. -0.018 min

Lab File: BM049915.D

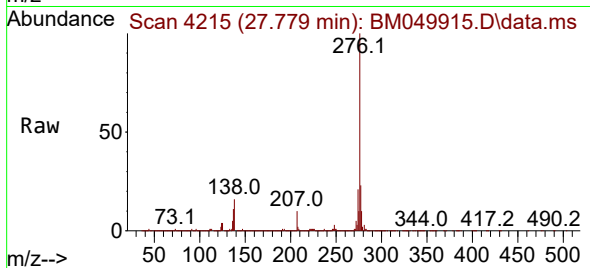
Acq: 14 Apr 2025 15:50

Instrument :

BNA_M

ClientSampleId :

TP-9MSD



Tgt Ion:276 Resp: 835316

Ion Ratio Lower Upper

276 100

138 19.7 16.8 25.2

277 25.0 20.1 30.1

Manual Integrations

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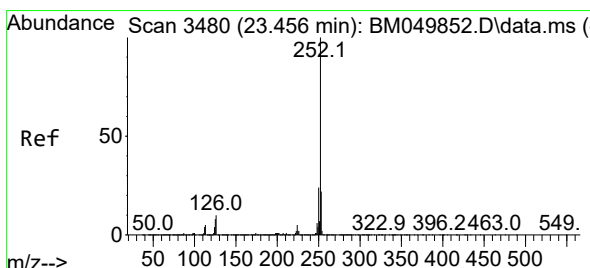
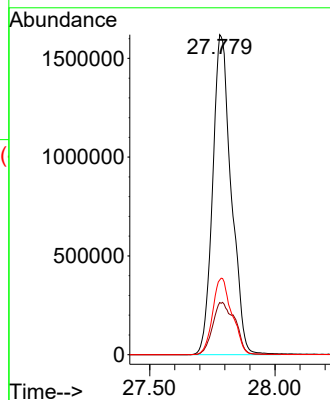
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#88

Benzo(b)fluoranthene

Concen: 49.577 ng

RT: 23.450 min Scan# 3479

Delta R.T. -0.006 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

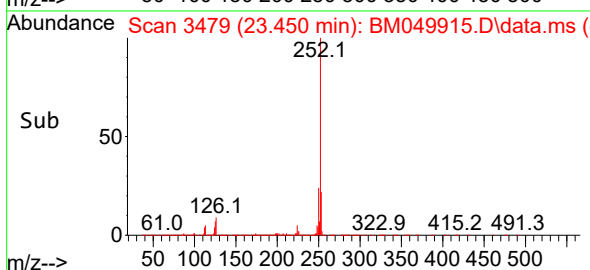
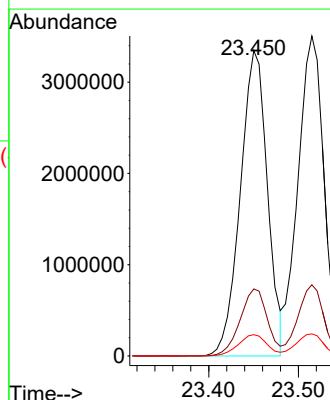
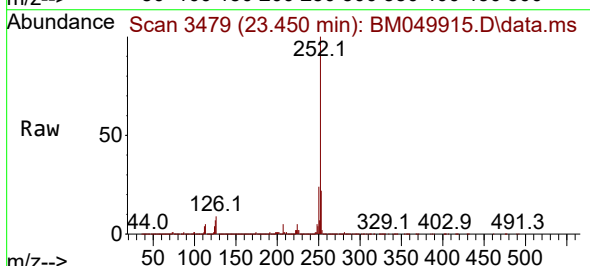
Tgt Ion:252 Resp: 7015737

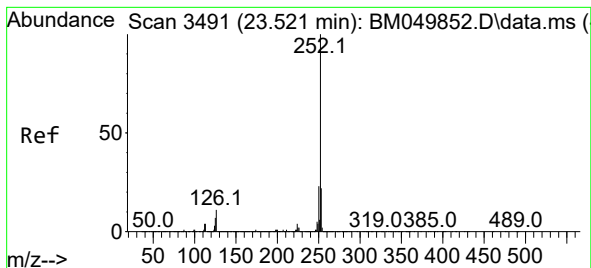
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.0 6.2 9.4





#89

Benzo(k)fluoranthene

Concen: 51.561 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

Instrument :

BNA_M

ClientSampleId :

TP-9MSD

Tgt Ion:252 Resp: 7070930

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 6.9 5.8 8.8

Manual Integrations

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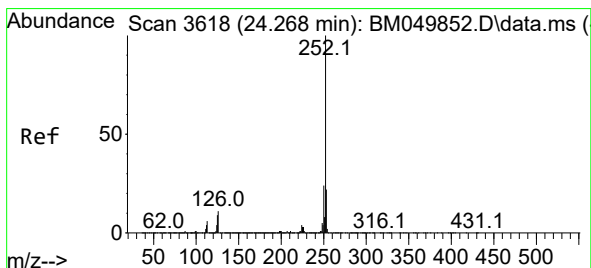
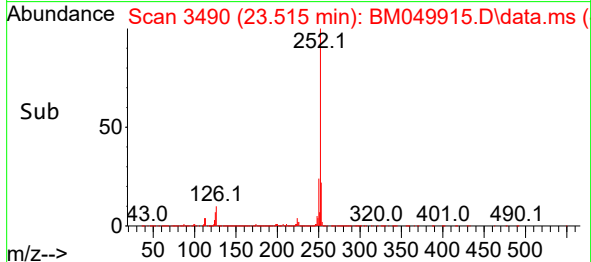
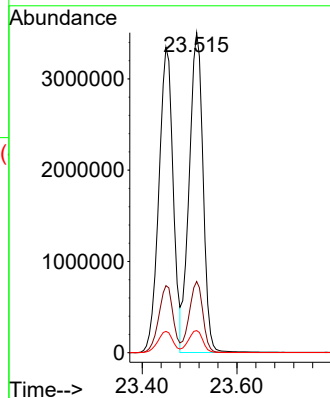
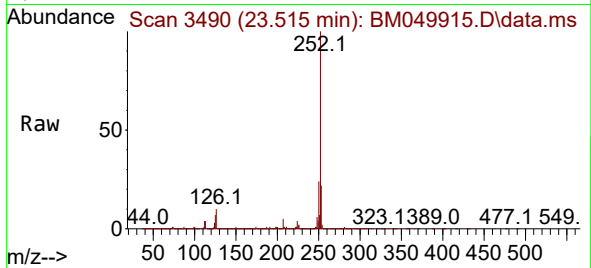
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04/15/2025



#90

Benzo(a)pyrene

Concen: 54.229 ng

RT: 24.256 min Scan# 3616

Delta R.T. -0.012 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

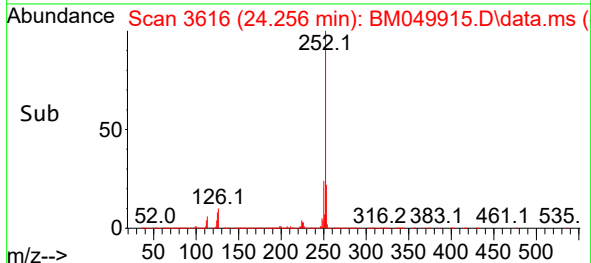
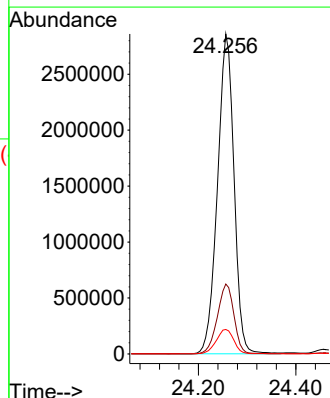
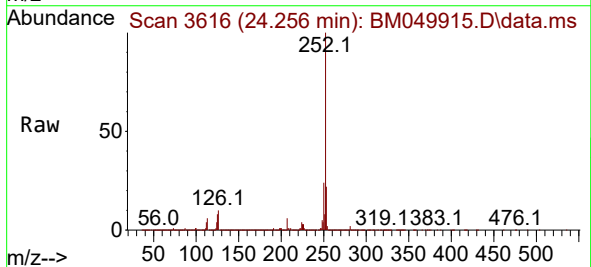
Tgt Ion:252 Resp: 6743538

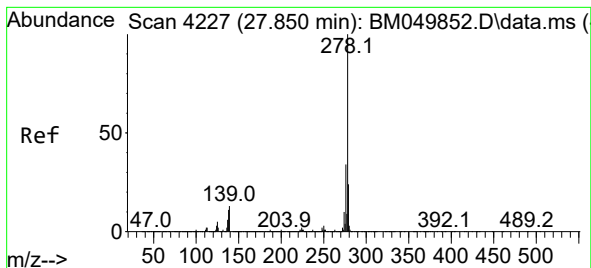
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.6 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 50.162 ng

RT: 27.844 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

Instrument :

BNA_M

ClientSampleId :

TP-9MSD

Tgt Ion:278 Resp: 6824298

Ion Ratio Lower Upper

278 100

139 12.1 10.6 15.8

279 23.9 19.1 28.7

Manual Integrations

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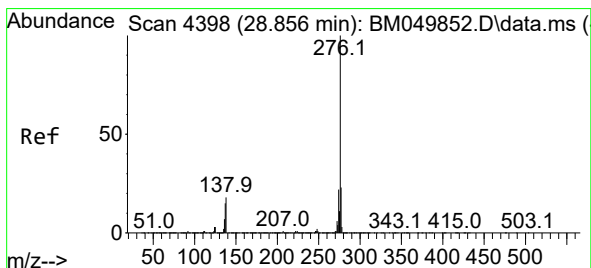
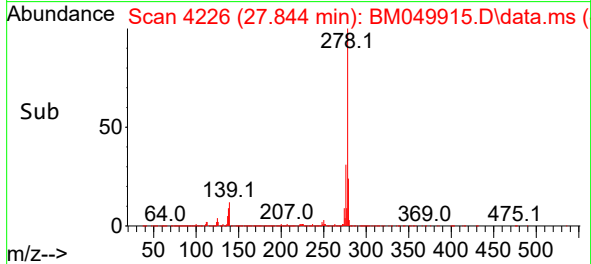
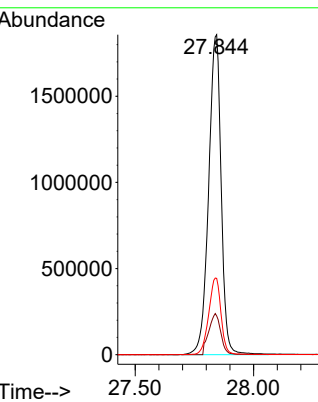
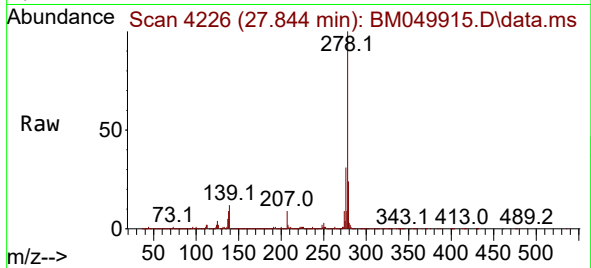
Chavli

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Supervised By :Jagrut

Upadhyay

04/15/2025



#92

Benzo(g,h,i)perylene

Concen: 46.591 ng

RT: 28.838 min Scan# 4395

Delta R.T. -0.018 min

Lab File: BM049915.D

Acq: 14 Apr 2025 15:50

Tgt Ion:276 Resp: 6477053

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 17.3 14.6 21.8

