

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049791.D
 Acq On : 02 Apr 2025 15:25
 Operator : RC/JU
 Sample : Q1680-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

Quant Time: Apr 02 16:01:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	285247	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	987432	20.000	ng	-0.02
39) Acenaphthene-d10	14.428	164	622090	20.000	ng	-0.02
64) Phenanthrene-d10	17.169	188	1219611	20.000	ng	-0.02
76) Chrysene-d12	21.404	240	1454052	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1330003	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1810102	107.073	ng	-0.02
7) Phenol-d6	6.963	99	2285347	107.722	ng	-0.02
23) Nitrobenzene-d5	8.946	82	1346832	70.029	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	930832	128.141	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3265871	65.748	ng	-0.02
79) Terphenyl-d14	19.792	244	5591659	64.803	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	317717	43.414	ng	99
3) Pyridine	3.669	79	883578	47.276	ng	98
4) n-Nitrosodimethylamine	3.575	42	391872	47.387	ng	99
6) Aniline	7.110	93	548638	30.868	ng	99
8) 2-Chlorophenol	7.352	128	859321	51.331	ng	98
9) Benzaldehyde	6.922	77	559235	53.322	ng	99
10) Phenol	6.987	94	1102541	53.596	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	836332	50.205	ng	99
12) 1,3-Dichlorobenzene	7.675	146	996523	48.982	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1008639	49.143	ng	98
14) 1,2-Dichlorobenzene	8.140	146	961349	49.285	ng	99
15) Benzyl Alcohol	8.028	79	733906	55.125	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1052681m	53.766	ng	
17) 2-Methylphenol	8.234	107	680490	55.718	ng	98
18) Hexachloroethane	8.869	117	364611	50.305	ng	93
19) n-Nitroso-di-n-propyla...	8.593	70	663048	53.898	ng	99
20) 3+4-Methylphenols	8.563	107	920657	56.251	ng	99
22) Acetophenone	8.610	105	1260866	49.523	ng	99
24) Nitrobenzene	8.987	77	916861	50.558	ng	99
25) Isophorone	9.516	82	1688068	57.167	ng	99
26) 2-Nitrophenol	9.698	139	411650	53.332	ng	98
27) 2,4-Dimethylphenol	9.763	122	734120	74.721	ng	98
28) bis(2-Chloroethoxy)met...	9.993	93	1073861	51.634	ng	100
29) 2,4-Dichlorophenol	10.234	162	846017	52.845	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	963738	48.115	ng	100
31) Naphthalene	10.634	128	2433757	47.933	ng	100
32) Benzoic acid	9.898	122	498848m	59.702	ng	
33) 4-Chloroaniline	10.740	127	215280	12.424	ng	98
34) Hexachlorobutadiene	10.928	225	603739	48.826	ng	97
35) Caprolactam	11.522	113	217232m	58.445	ng	
36) 4-Chloro-3-methylphenol	11.875	107	765125	55.691	ng	98
37) 2-Methylnaphthalene	12.245	142	1606088	45.237	ng	100
38) 1-Methylnaphthalene	12.469	142	1685394	49.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	1144521	50.087	ng	98
41) Hexachlorocyclopentadiene	12.604	237	1590576	187.891	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	706586	55.211	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	765076	54.782	ng	98
46) 1,1'-Biphenyl	13.263	154	2355527	49.130	ng	100
47) 2-Chloronaphthalene	13.304	162	1854688	49.698	ng	99
48) 2-Nitroaniline	13.504	65	481562	57.482	ng	98
49) Acenaphthylene	14.151	152	2879860	55.208	ng	99
50) Dimethylphthalate	13.886	163	2229742	52.060	ng	100
51) 2,6-Dinitrotoluene	13.998	165	467608	54.487	ng	99
52) Acenaphthene	14.492	154	1693441	49.492	ng	100
53) 3-Nitroaniline	14.328	138	140849	17.247	ng	100
54) 2,4-Dinitrophenol	14.533	184	564920	95.757	ng	98
55) Dibenzofuran	14.828	168	2751509	48.259	ng	100
56) 4-Nitrophenol	14.645	139	885776	124.605	ng	99
57) 2,4-Dinitrotoluene	14.786	165	657095	59.503	ng	95
58) Fluorene	15.475	166	2428898	52.324	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	635036	54.322	ng	98
60) Diethylphthalate	15.257	149	2131529	52.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	1305078	51.485	ng	98
62) 4-Nitroaniline	15.492	138	452177	46.651	ng	99
63) Azobenzene	15.763	77	2098190	54.455	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	344840	51.120	ng	93
66) n-Nitrosodiphenylamine	15.686	169	1927904	52.174	ng	98
67) 4-Bromophenyl-phenylether	16.363	248	715665	50.824	ng	99
68) Hexachlorobenzene	16.480	284	811164	51.227	ng	98
69) Atrazine	16.639	200	687408	84.411	ng	99
70) Pentachlorophenol	16.822	266	1207350	121.331	ng	99
71) Phenanthrene	17.210	178	3541932	52.301	ng	100
72) Anthracene	17.304	178	3623871	55.254	ng	100
73) Carbazole	17.569	167	3261915	54.917	ng	100
74) Di-n-butylphthalate	18.139	149	3778400	58.039	ng	99
75) Fluoranthene	19.227	202	4394849	56.367	ng	100
77) Benzidine	19.410	184	1988888	113.853	ng	100
78) Pyrene	19.586	202	4571851	45.004	ng	99
80) Butylbenzylphthalate	20.492	149	1660124	52.658	ng	98
81) Benzo(a)anthracene	21.386	228	4767016	49.083	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	574038	18.154	ng	99
83) Chrysene	21.451	228	4389580	47.679	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2571056	52.328	ng	99
85) Di-n-octyl phthalate	22.451	149	4145890	54.290	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	5031153	52.557	ng	100
88) Benzo(b)fluoranthene	23.456	252	4369536	48.778	ng	99
89) Benzo(k)fluoranthene	23.521	252	4494201	50.986	ng	99
90) Benzo(a)pyrene	24.262	252	4115840	54.700	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	4117900	51.631	ng	100
92) Benzo(g,h,i)perylene	28.838	276	3931300	48.935	ng	99

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

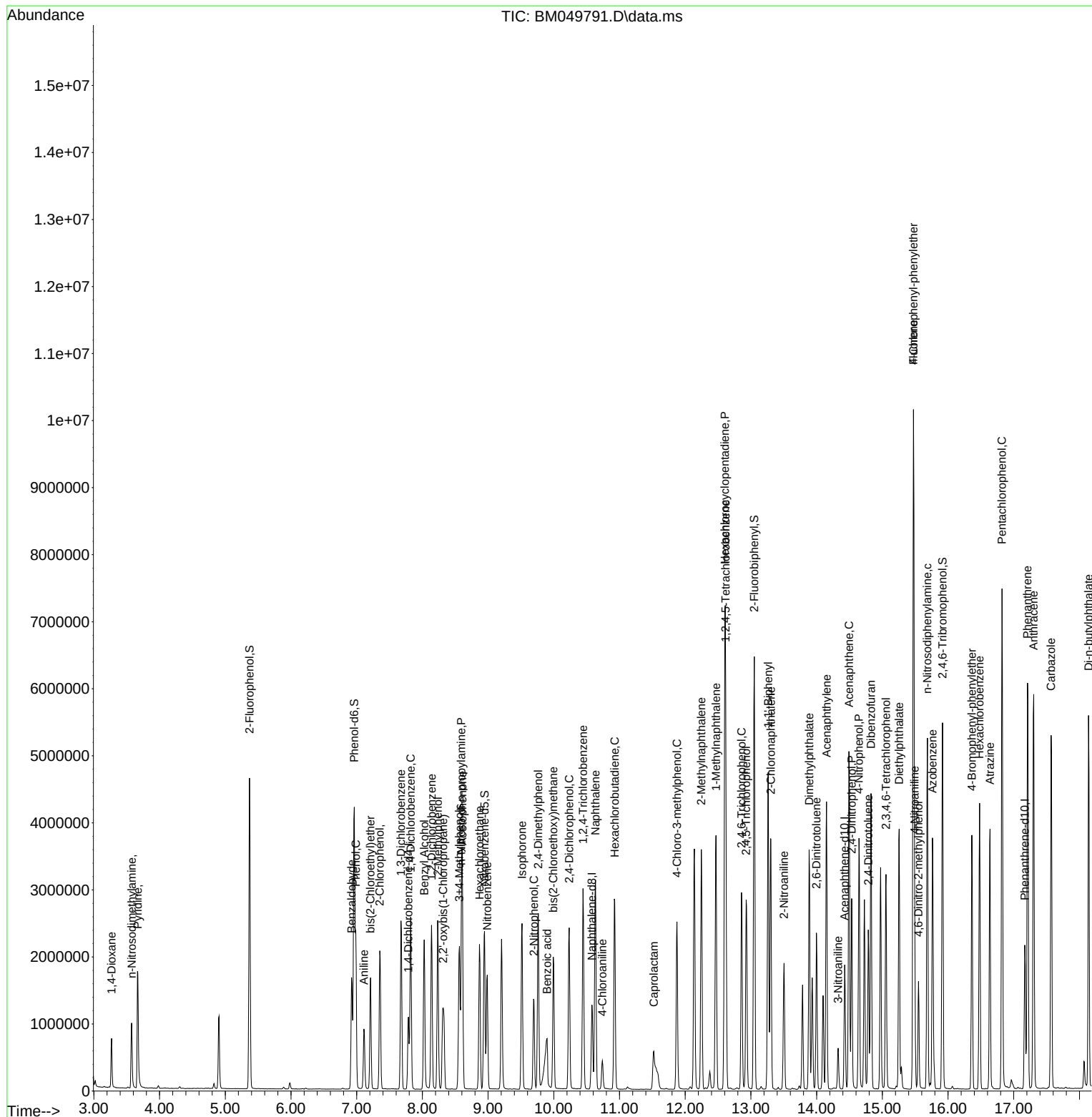
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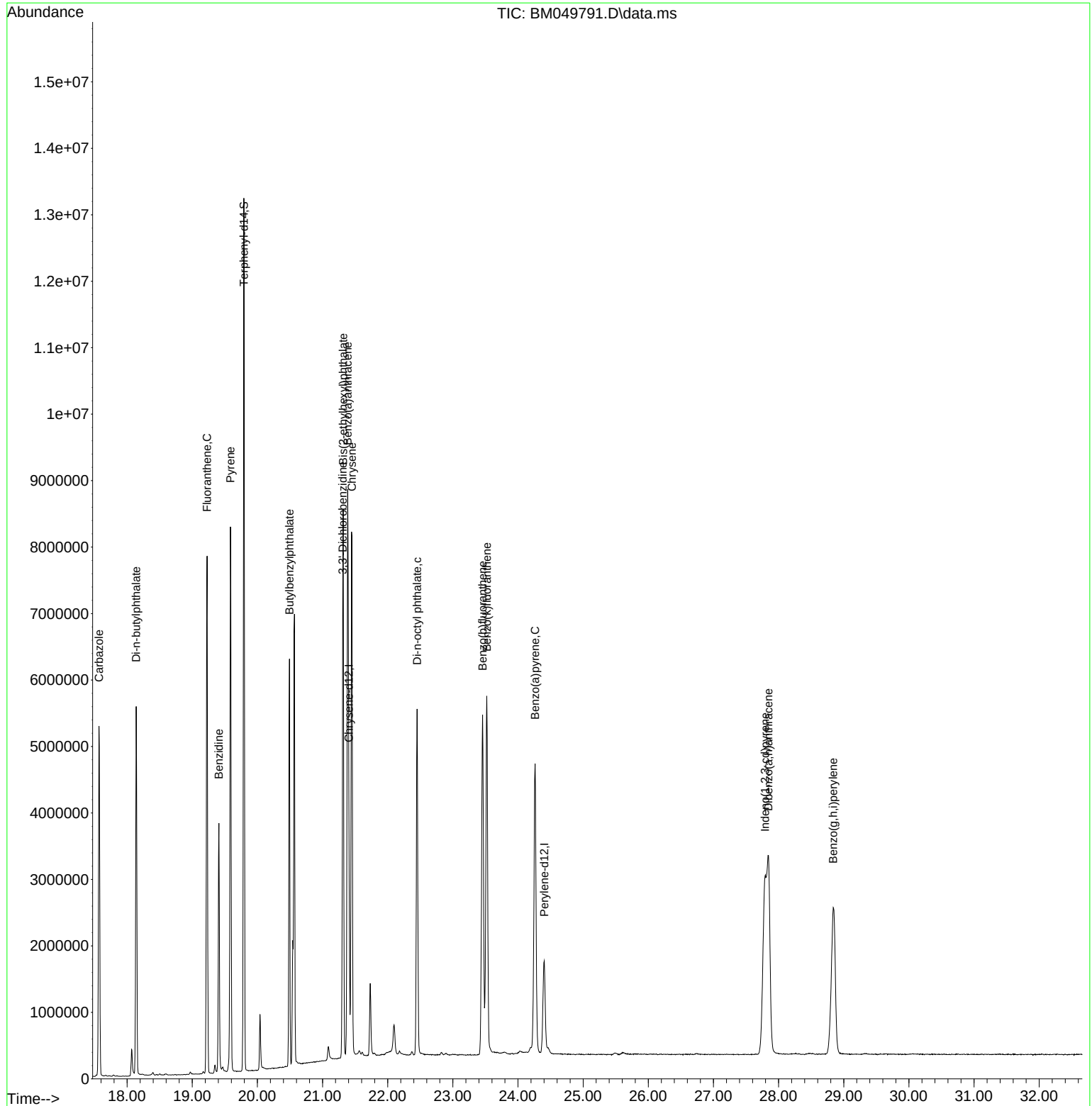
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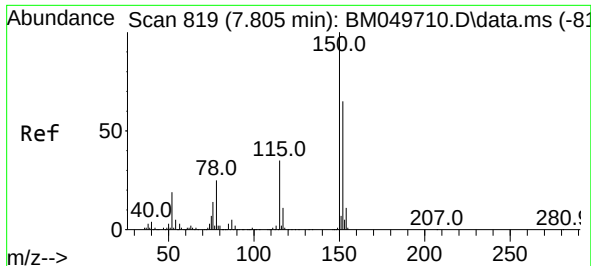
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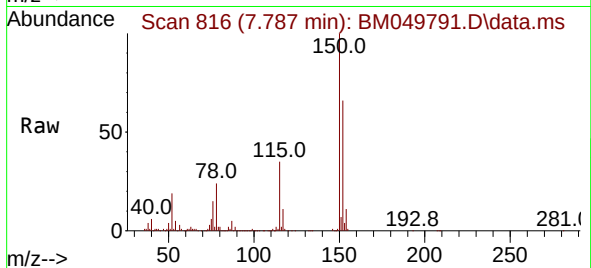
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

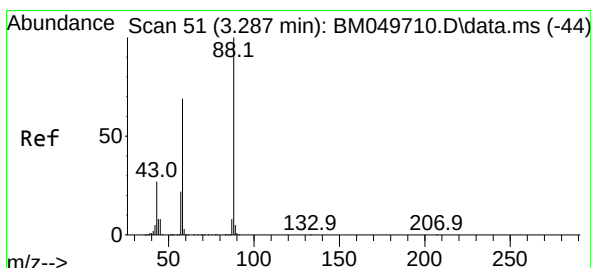
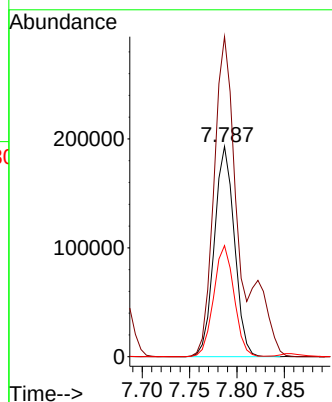
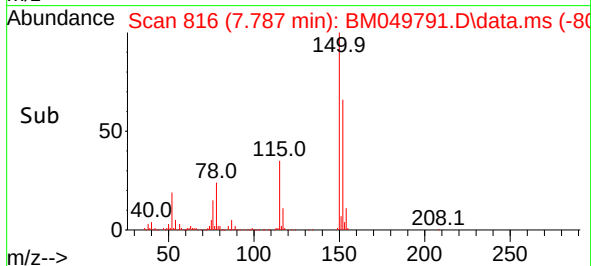
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:152 Resp: 28524
Ion Ratio Lower Upper
152 100
150 152.2 123.8 185.8
115 52.8 43.0 64.6

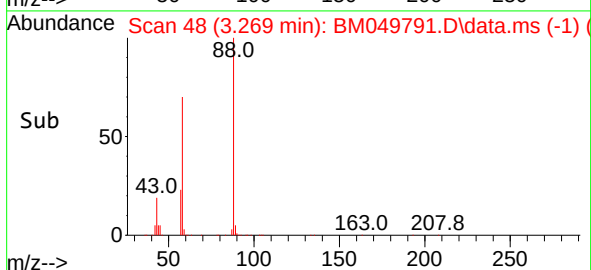
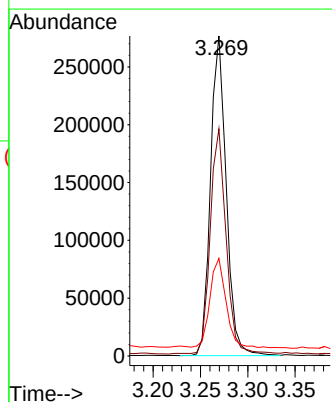
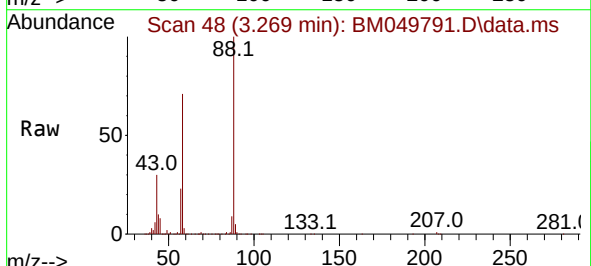
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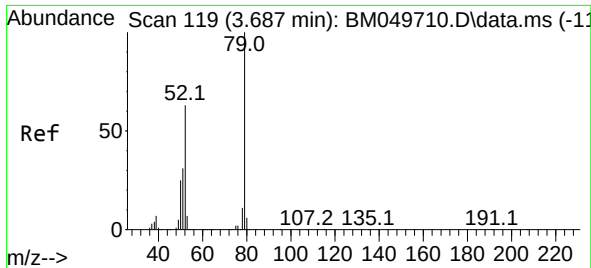
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#2
1,4-Dioxane
Concen: 43.414 ng
RT: 3.269 min Scan# 48
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

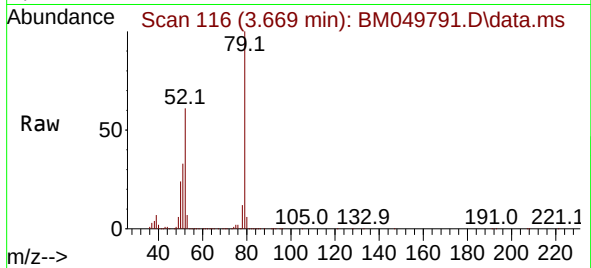
Tgt Ion: 88 Resp: 317717
Ion Ratio Lower Upper
88 100
58 71.1 56.7 85.1
43 29.7 22.6 34.0





#3
Pyridine
Concen: 47.276 ng
RT: 3.669 min Scan# 119
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

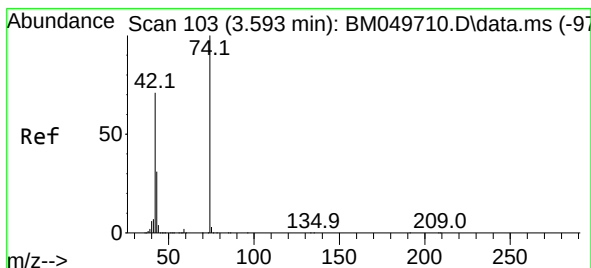
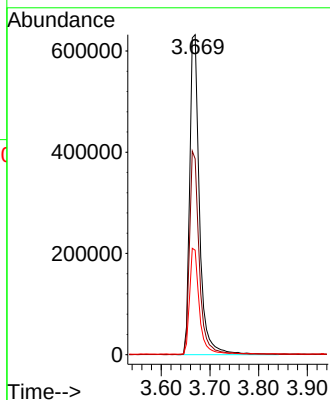
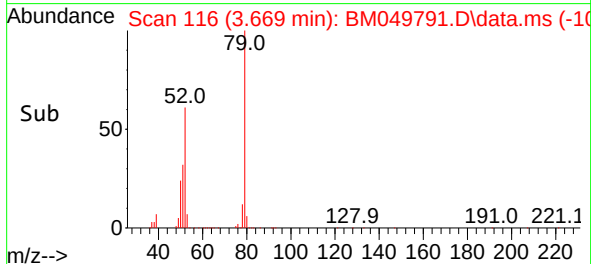
Instrument :
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ClientSampleId :
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Tgt Ion: 79 Resp: 883578
Ion Ratio Lower Upper
79 100
52 61.2 50.1 75.1
51 32.7 25.2 37.8

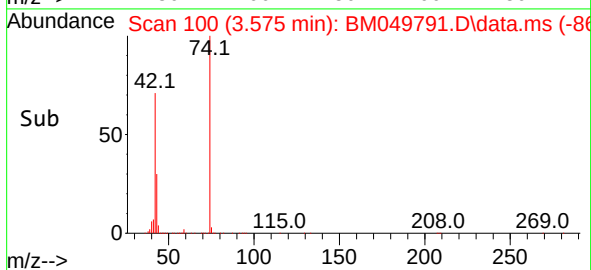
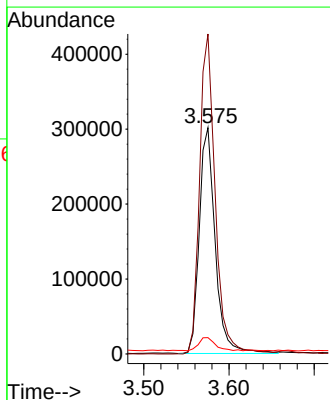
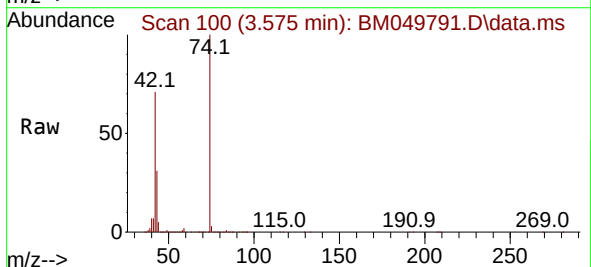
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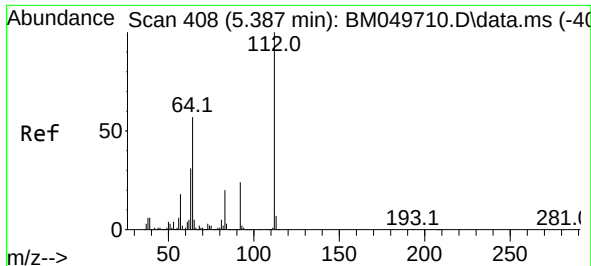
Reviewed By :Anahy Claudio 04/03/2025
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#4
n-Nitrosodimethylamine
Concen: 47.387 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

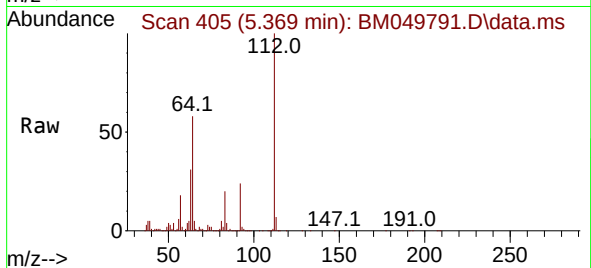
Tgt Ion: 42 Resp: 391872
Ion Ratio Lower Upper
42 100
74 141.5 112.6 168.8
44 7.2 5.0 7.6





#5
2-Fluorophenol
Concen: 107.073 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

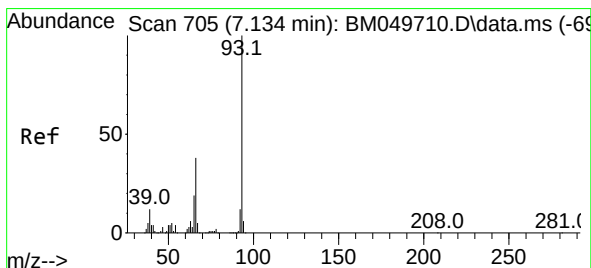
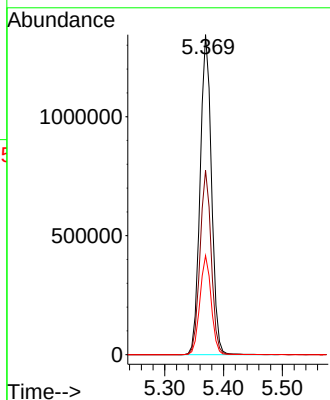
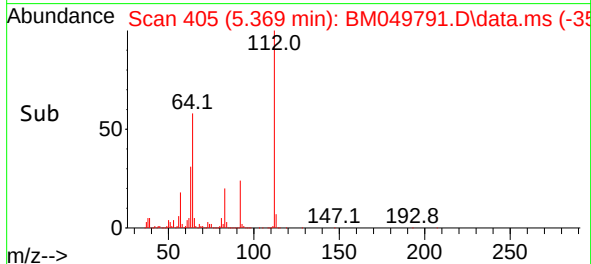
Instrument :
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Tgt Ion: 112 Resp: 181010
Ion Ratio Lower Upper
112 100
64 57.6 45.3 67.9
63 30.9 24.4 36.6

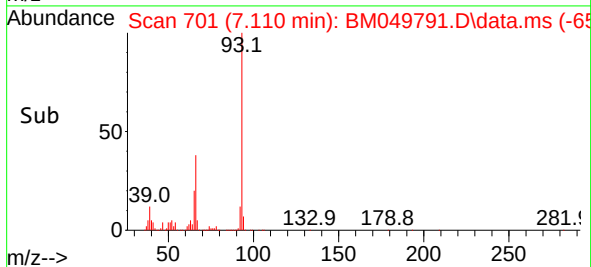
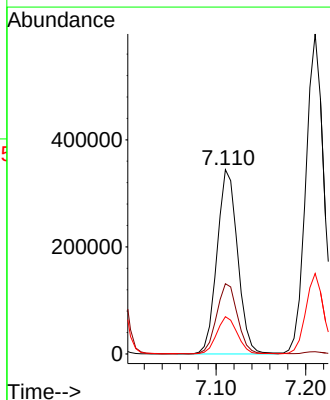
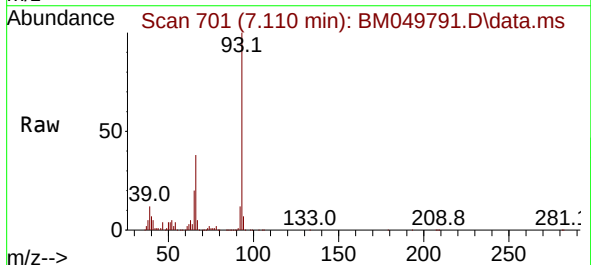
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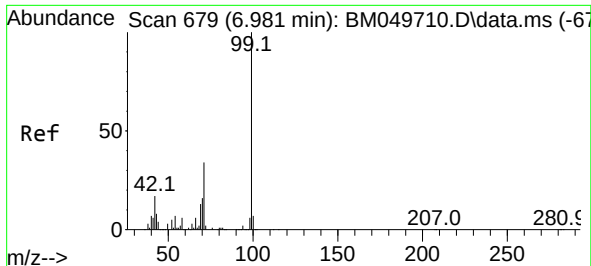
Reviewed By :Anahy Claudio 04/03/2025
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#6
Aniline
Concen: 30.868 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049791.D
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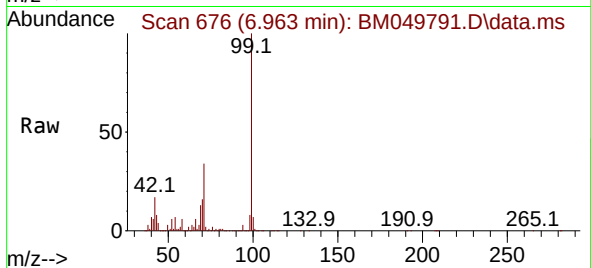
Tgt Ion: 93 Resp: 548638
Ion Ratio Lower Upper
93 100
66 38.1 30.6 46.0
65 20.3 15.4 23.2





#7
Phenol-d6
Concen: 107.722 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

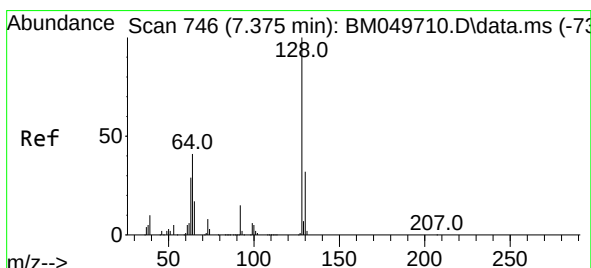
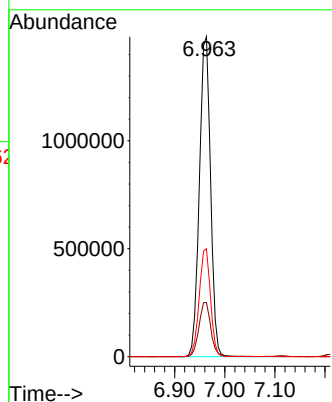
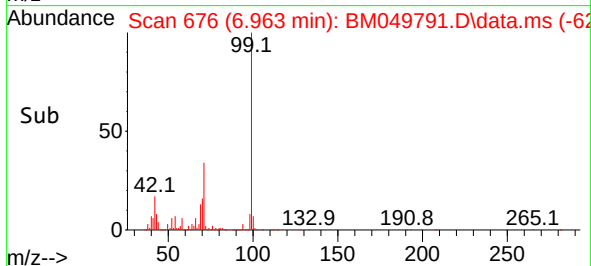
Instrument :
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Tgt Ion: 99 Resp: 228534
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 33.7 27.0 40.6

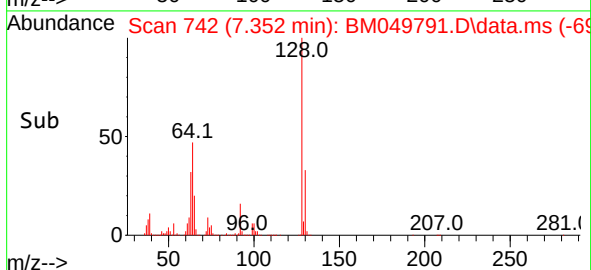
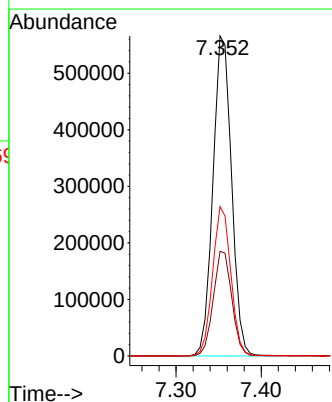
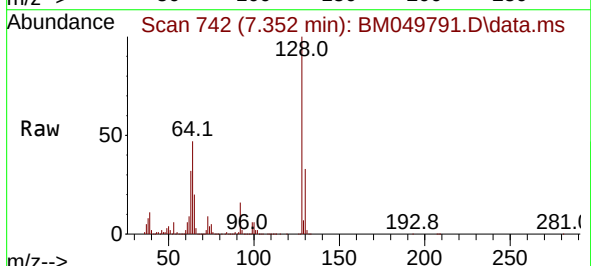
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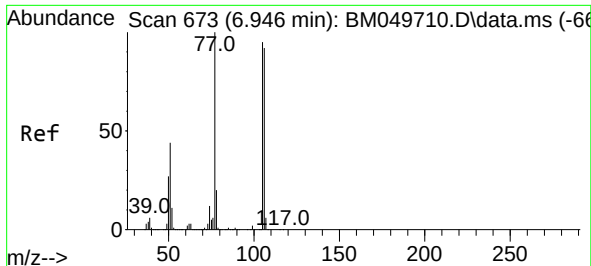
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#8
2-Chlorophenol
Concen: 51.331 ng
RT: 7.352 min Scan# 742
Delta R.T. -0.024 min
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Tgt Ion:128 Resp: 859321
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 46.6 24.9 64.9





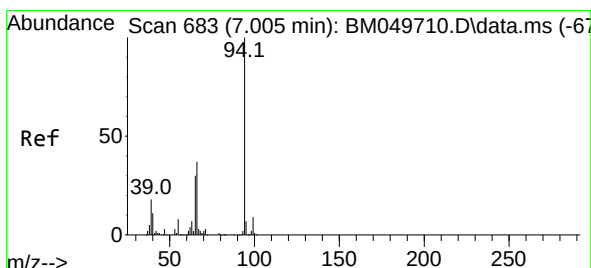
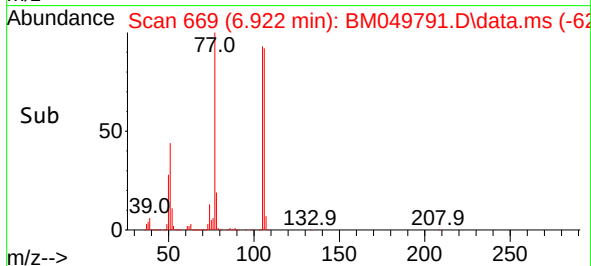
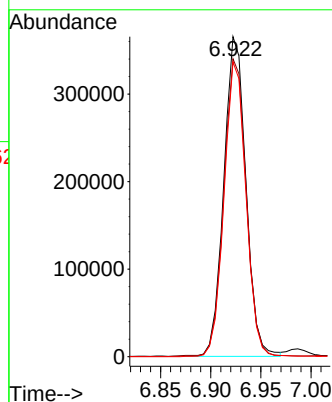
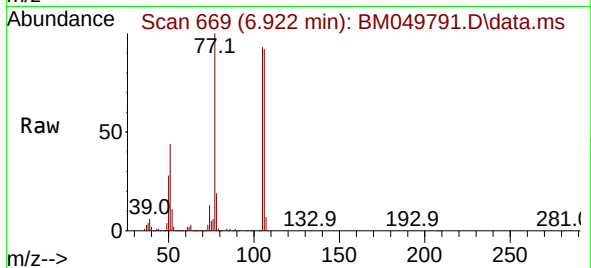
#9
Benzaldehyde
Concen: 53.322 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Instrument :
BNA_M
ClientSampleId :
TP-4MSD

Tgt Ion: 77 Resp: 559235
Ion Ratio Lower Upper
77 100
105 93.1 75.0 115.0
106 92.1 72.3 112.3

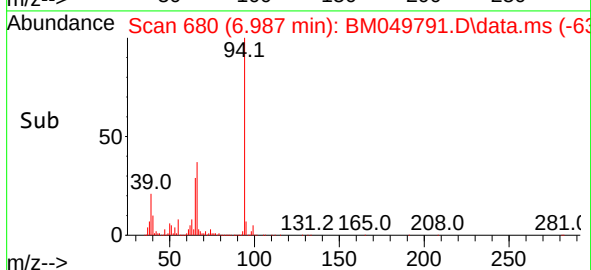
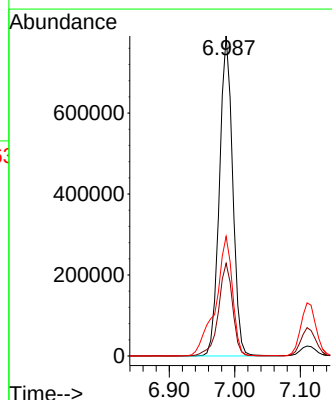
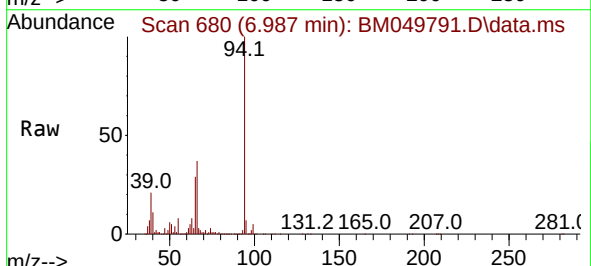
Manual Integrations
APPROVED

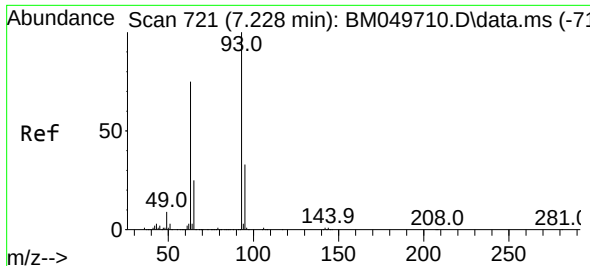
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#10
Phenol
Concen: 53.596 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

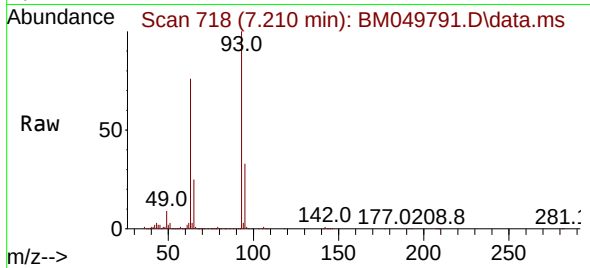
Tgt Ion: 94 Resp: 1102541
Ion Ratio Lower Upper
94 100
65 28.9 10.4 50.4
66 37.4 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 50.205 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

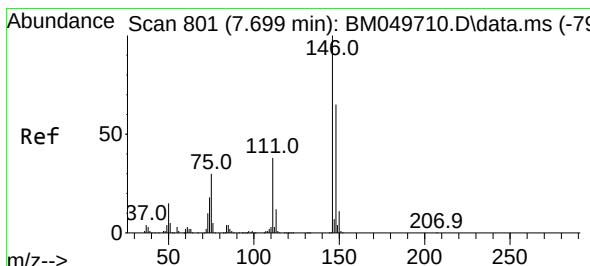
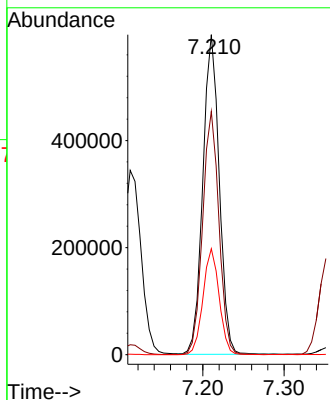
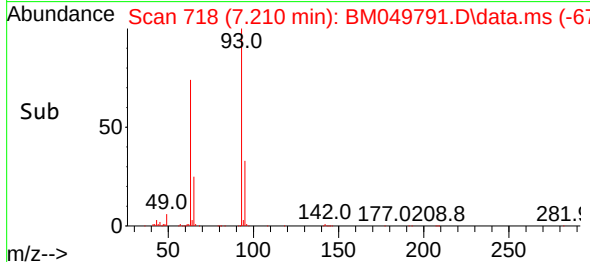
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion: 93 Resp: 836332
Ion Ratio Lower Upper
93 100
63 76.0 54.8 94.8
95 33.1 12.8 52.8

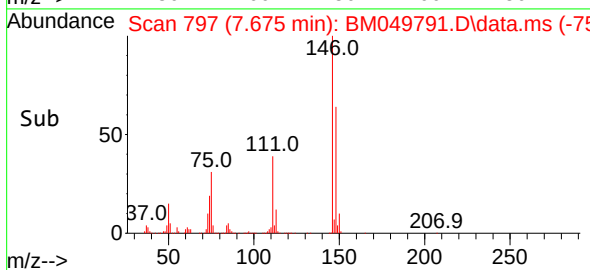
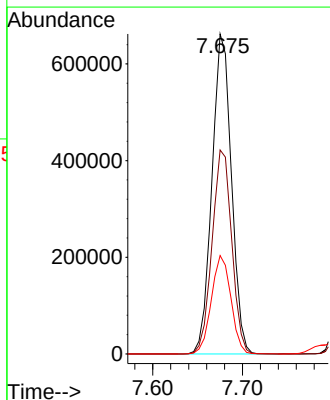
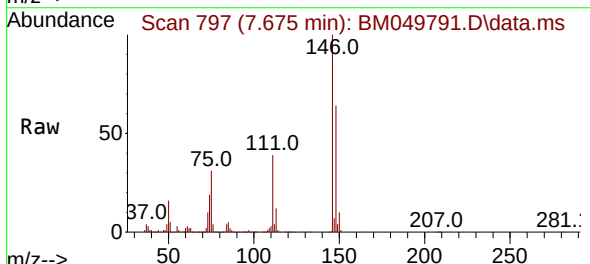
Manual Integrations
APPROVED

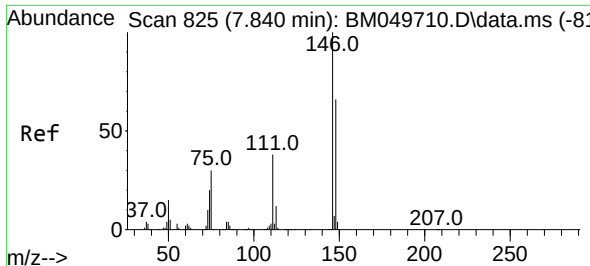
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#12
1,3-Dichlorobenzene
Concen: 48.982 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

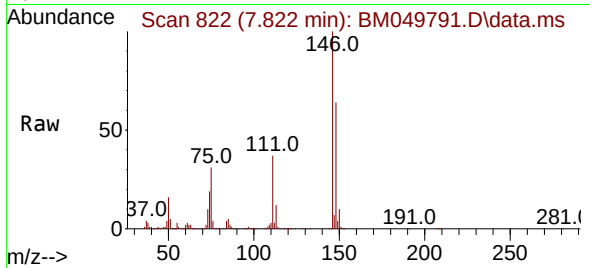
Tgt Ion:146 Resp: 996523
Ion Ratio Lower Upper
146 100
148 63.8 52.3 78.5
75 30.8 24.2 36.2





#13
1,4-Dichlorobenzene
Concen: 49.143 ng
RT: 7.822 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

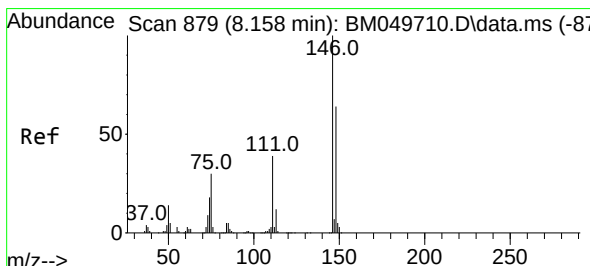
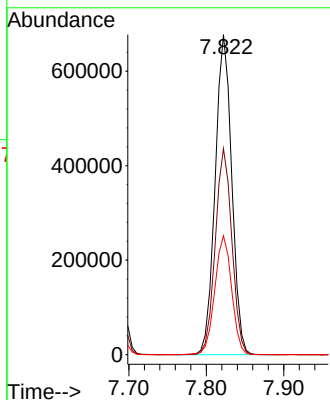
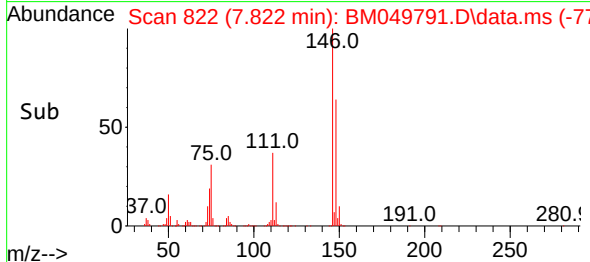
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



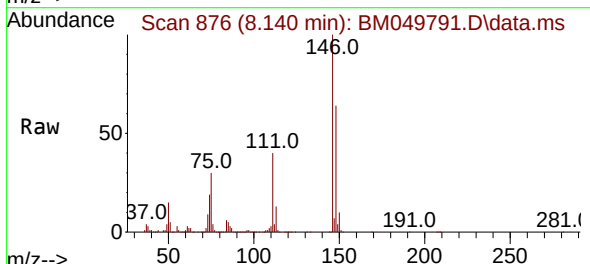
Tgt Ion:146 Resp: 1008639
Ion Ratio Lower Upper
146 100
148 64.4 52.6 79.0
111 37.2 30.8 46.2

Manual Integrations
APPROVED

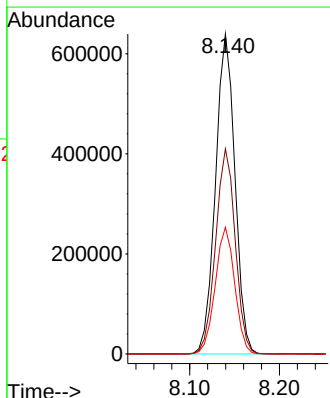
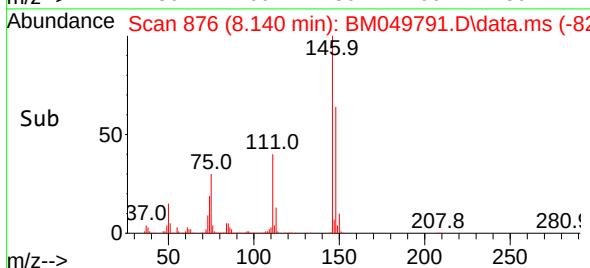
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

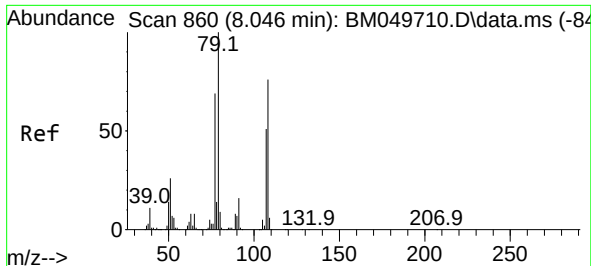


#14
1,2-Dichlorobenzene
Concen: 49.285 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



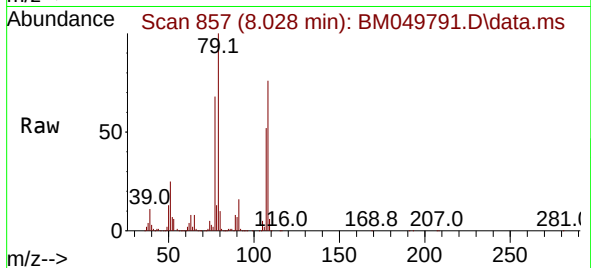
Tgt Ion:146 Resp: 961349
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 39.5 31.0 46.6





#15
Benzyl Alcohol
Concen: 55.125 ng
RT: 8.028 min Scan# 801
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

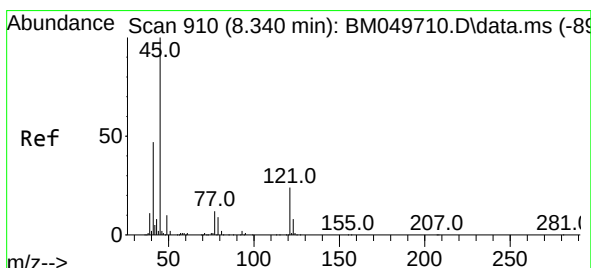
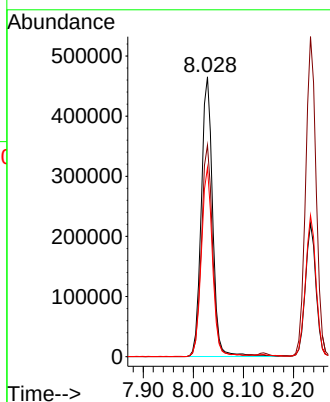
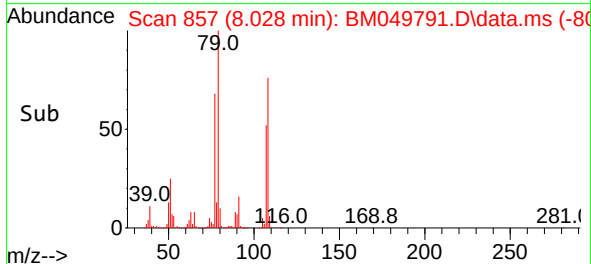
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion: 79 Resp: 733900
Ion Ratio Lower Upper
79 100
108 75.6 60.7 91.1
77 67.6 55.4 83.2

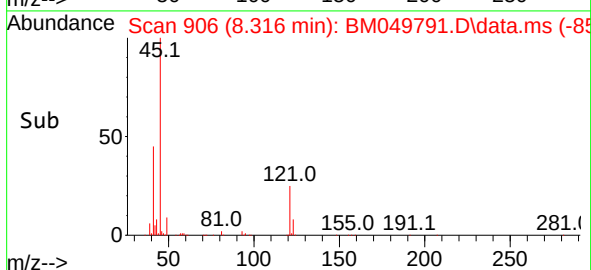
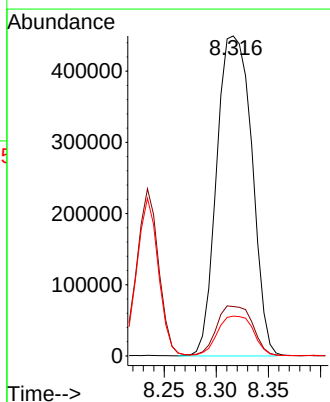
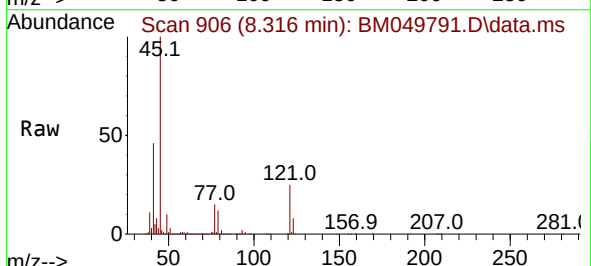
Manual Integrations
APPROVED

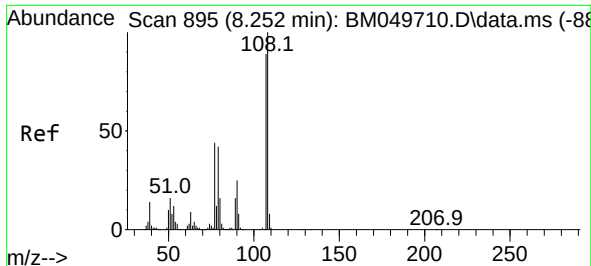
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.766 ng m
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

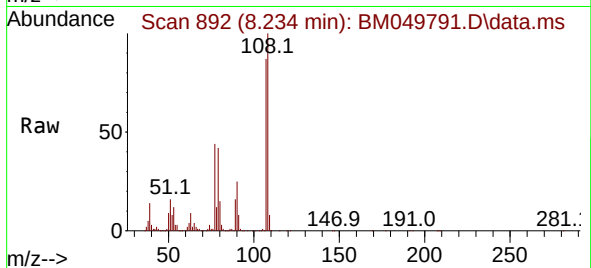
Tgt Ion: 45 Resp: 1052681
Ion Ratio Lower Upper
45 100
77 15.4 0.0 36.1
79 12.5 0.0 32.8





#17
2-Methylphenol
Concen: 55.718 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Instrument :
BNA_M
ClientSampleId :
TP-4MSD

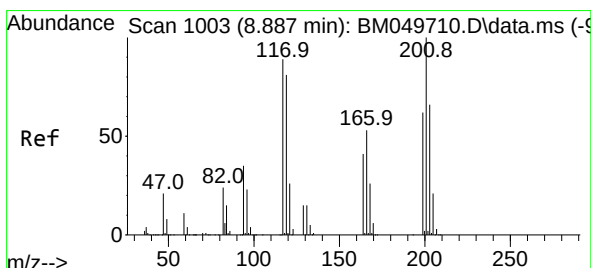
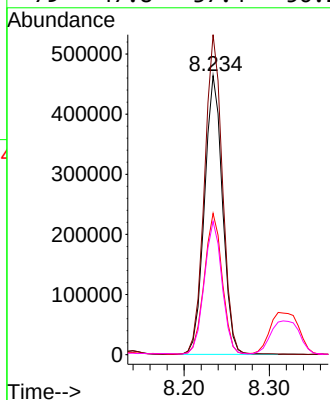
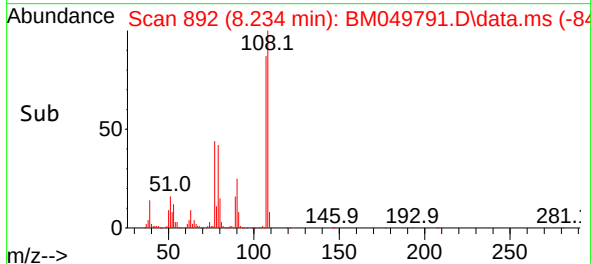


Tgt Ion:107 Resp: 680490

Ion	Ratio	Lower	Upper
107	100		
108	114.7	89.6	134.4
77	50.6	39.8	59.6
79	47.8	37.4	56.2

Manual Integrations
APPROVED

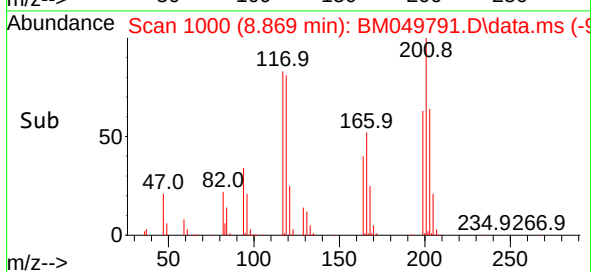
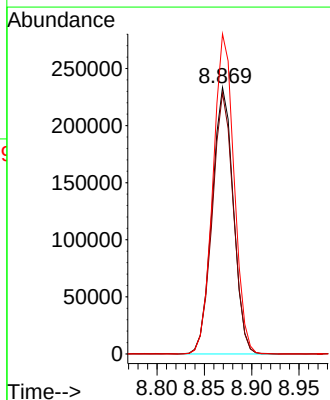
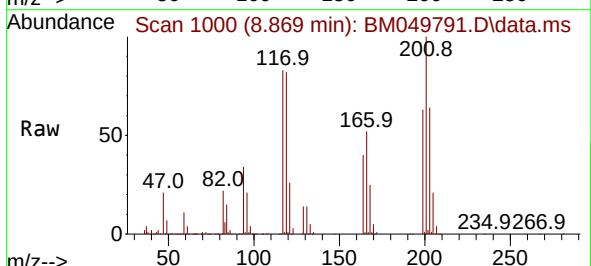
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

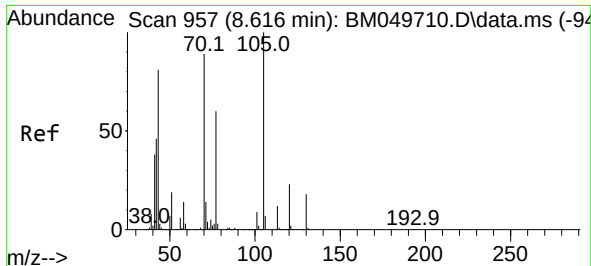


#18
Hexachloroethane
Concen: 50.305 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Tgt Ion:117 Resp: 364611

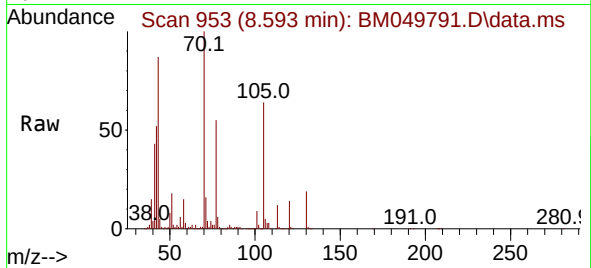
Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.1	109.7
201	120.1	90.0	135.0





#19
n-Nitroso-di-n-propylamine
Concen: 53.898 ng
RT: 8.593 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

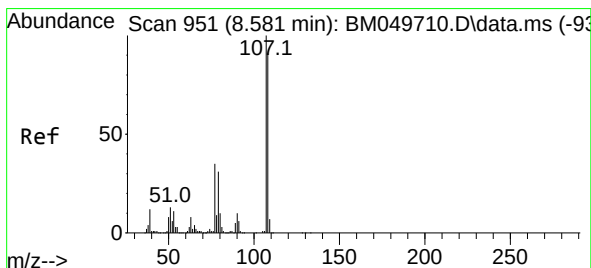
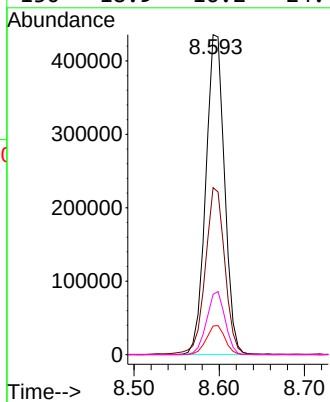
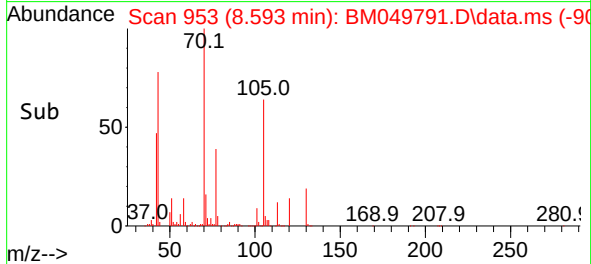
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion: 70 Resp: 663048
Ion Ratio Lower Upper
70 100
42 52.2 41.8 62.6
101 9.0 7.7 11.5
130 18.9 16.2 24.4

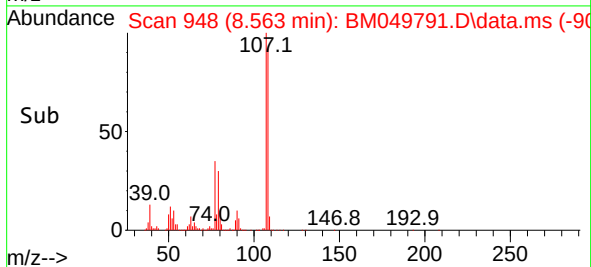
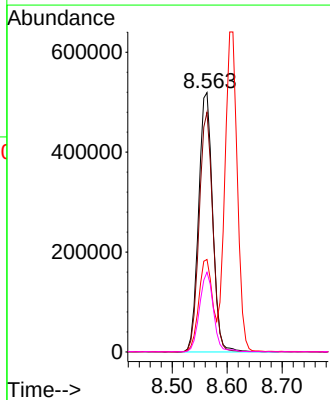
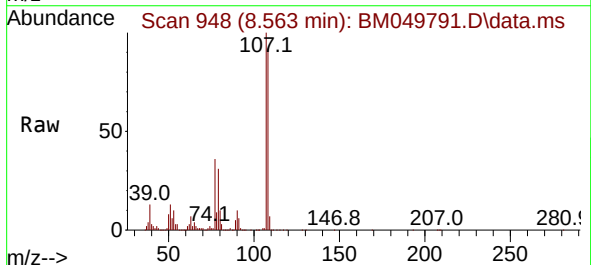
Manual Integrations
APPROVED

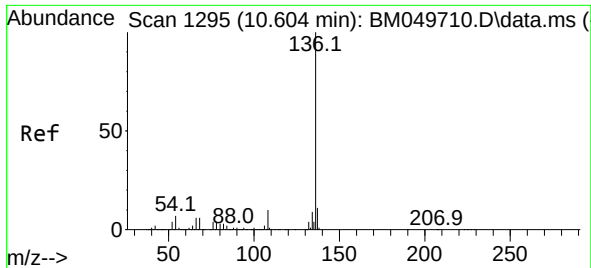
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#20
3+4-Methylphenols
Concen: 56.251 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

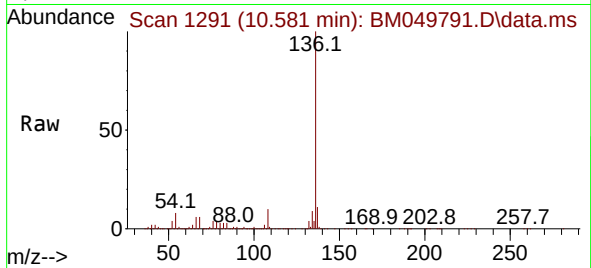
Tgt Ion:107 Resp: 920657
Ion Ratio Lower Upper
107 100
108 92.5 71.0 111.0
77 35.7 15.1 55.1
79 30.8 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

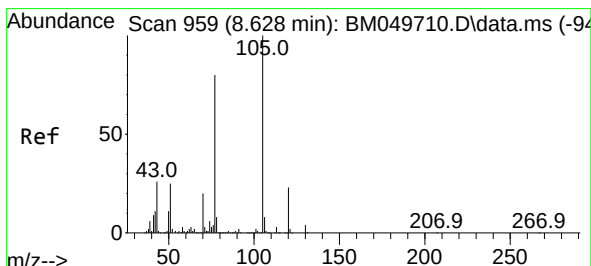
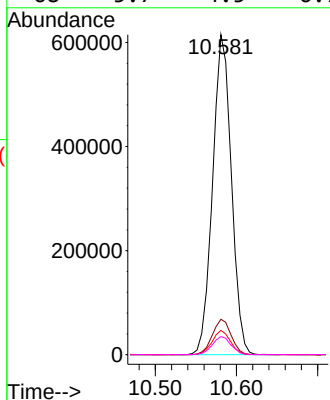
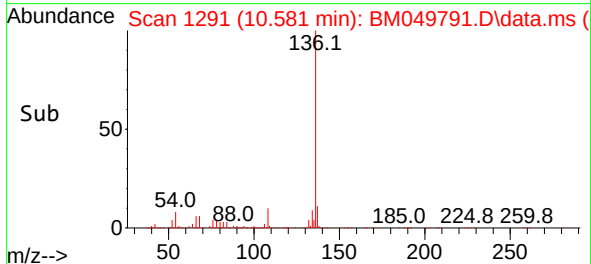
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:136 Resp: 987432
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.6 5.8 8.8
68 5.7 4.5 6.7

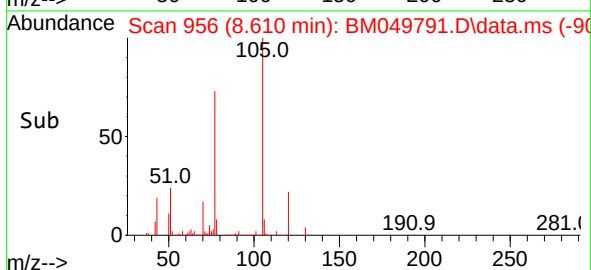
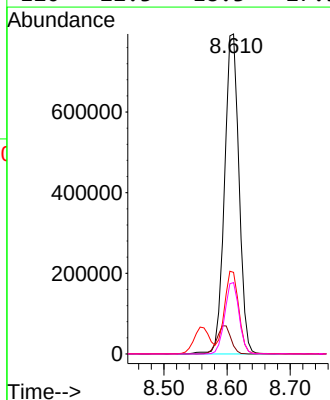
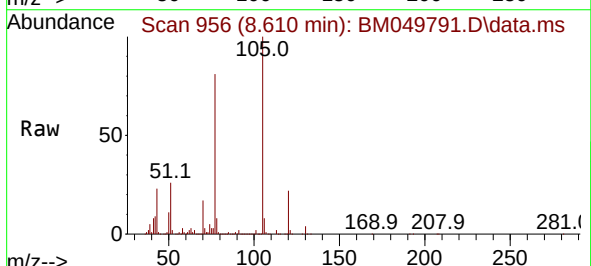
Manual Integrations
APPROVED

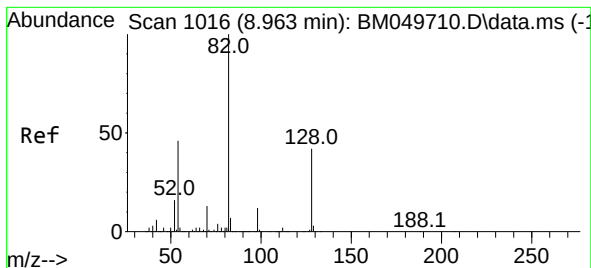
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#22
Acetophenone
Concen: 49.523 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Tgt Ion:105 Resp: 1260866
Ion Ratio Lower Upper
105 100
71 2.6 2.5 3.7
51 25.5 19.9 29.9
120 22.3 18.3 27.5





#23

Nitrobenzene-d5

Concen: 70.029 ng

RT: 8.946 min Scan# 1016

Delta R.T. -0.018 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

TP-4MSD

Tgt Ion: 82 Resp: 134683

Ion Ratio Lower Upper

82 100

128 41.2 33.4 50.0

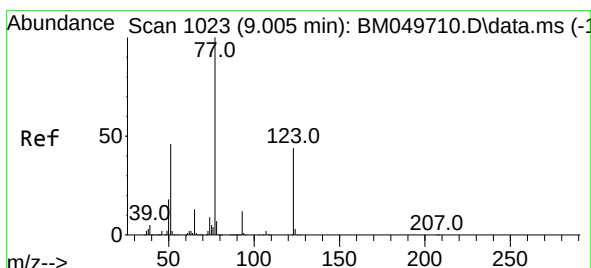
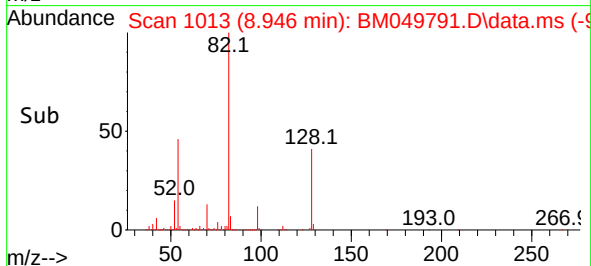
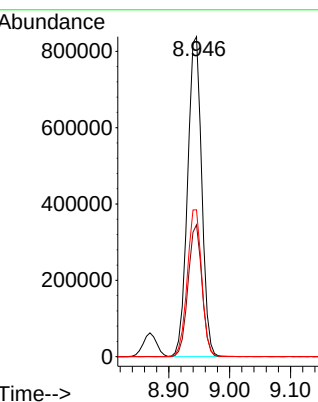
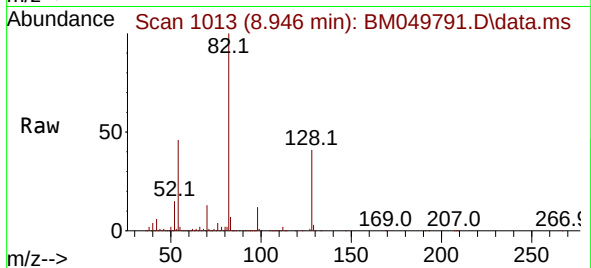
54 45.9 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#24

Nitrobenzene

Concen: 50.558 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.018 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

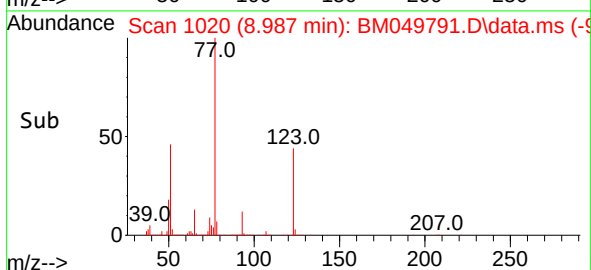
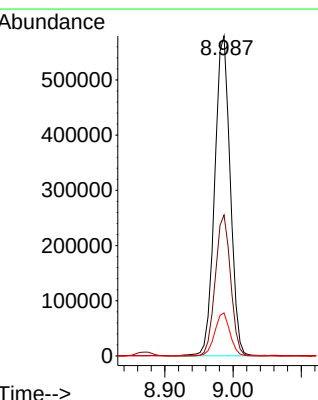
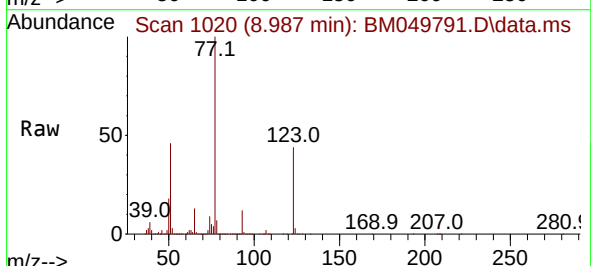
Tgt Ion: 77 Resp: 916861

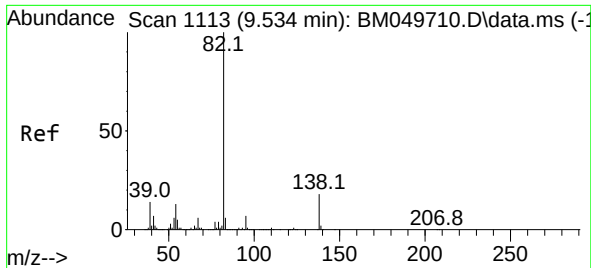
Ion Ratio Lower Upper

77 100

123 44.1 34.9 52.3

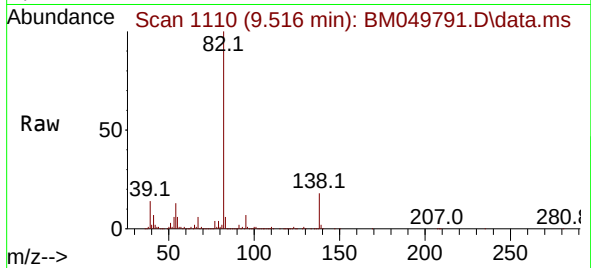
65 13.4 10.6 15.8





#25
Isophorone
Concen: 57.167 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

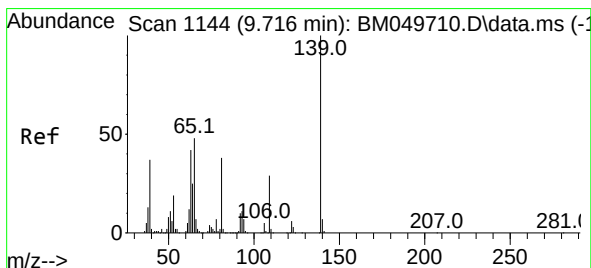
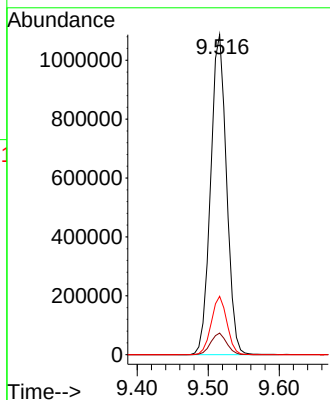
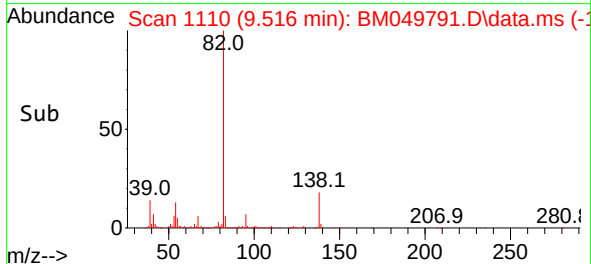
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



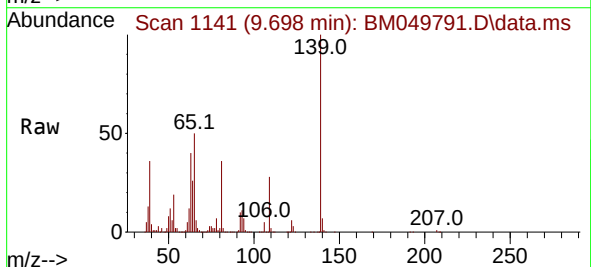
Tgt Ion: 82 Resp: 168806
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.2 14.4 21.6

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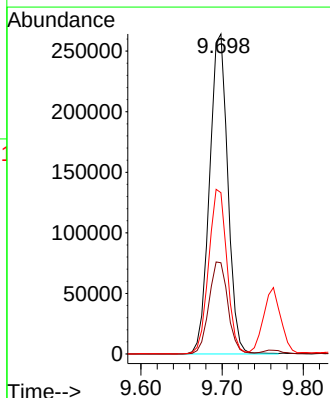
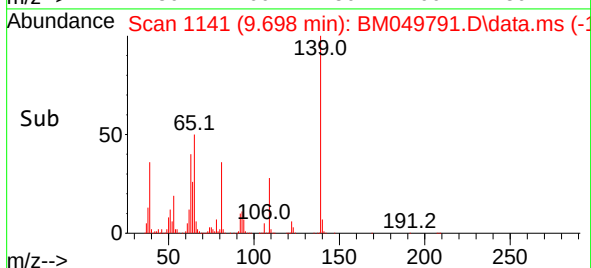
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

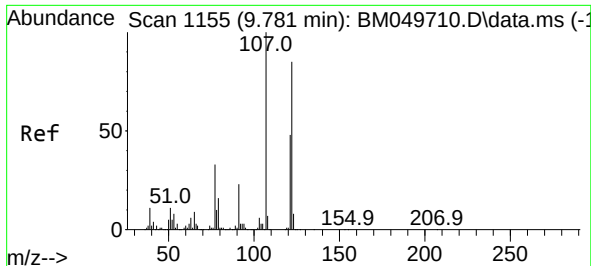


#26
2-Nitrophenol
Concen: 53.332 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



Tgt Ion:139 Resp: 411650
Ion Ratio Lower Upper
139 100
109 28.5 23.3 34.9
65 50.4 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 74.721 ng

RT: 9.763 min Scan# 1152

Delta R.T. -0.018 min

Lab File: BM049791.D

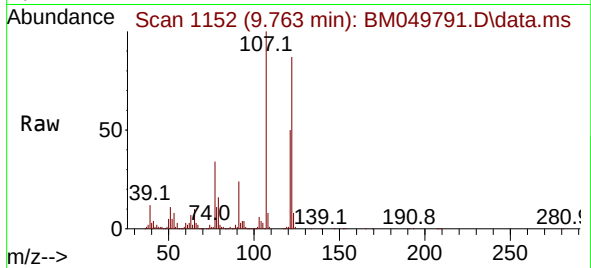
Acq: 02 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

TP-4MSD



Tgt Ion:122 Resp: 734120

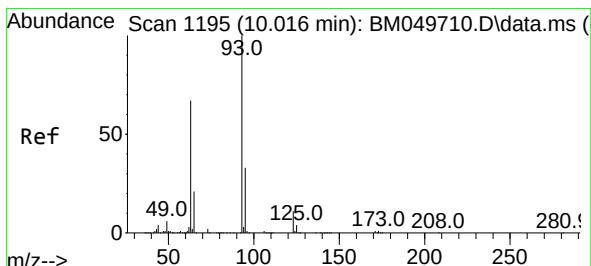
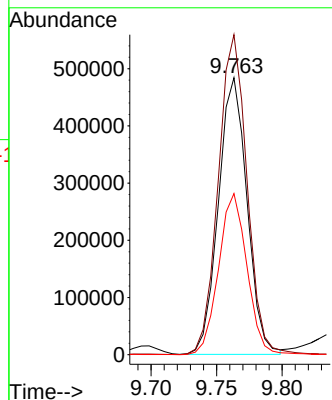
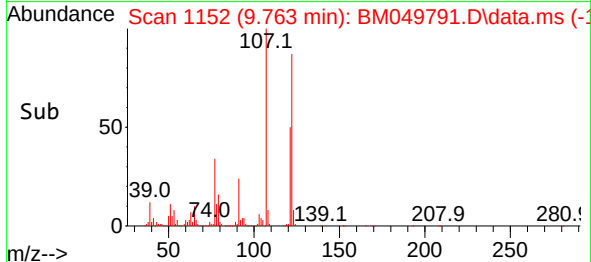
Ion	Ratio	Lower	Upper
122	100		
107	115.5	94.3	141.5
121	58.2	45.4	68.2

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Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 51.634 ng

RT: 9.993 min Scan# 1191

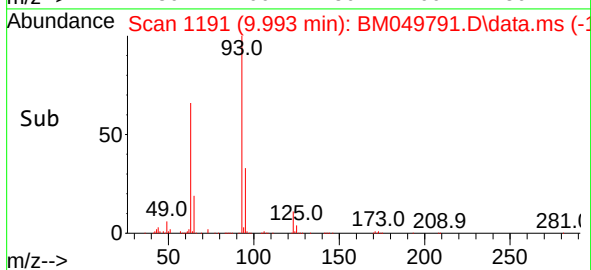
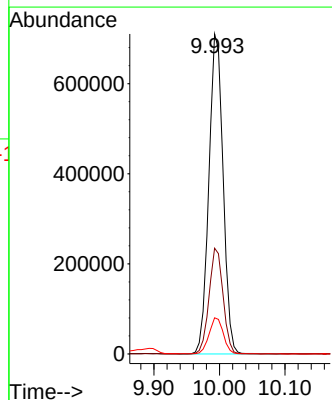
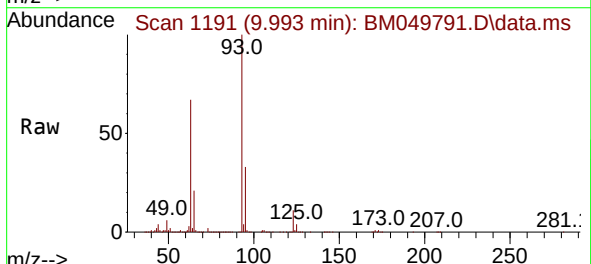
Delta R.T. -0.024 min

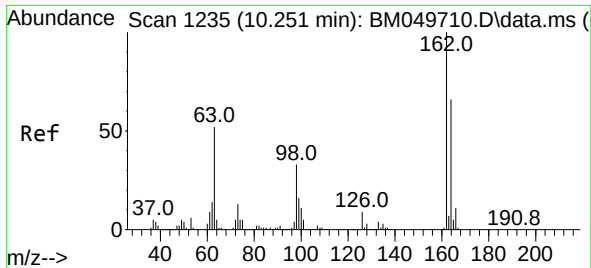
Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

Tgt Ion: 93 Resp: 1073861

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	40.0
123	11.3	9.0	13.6





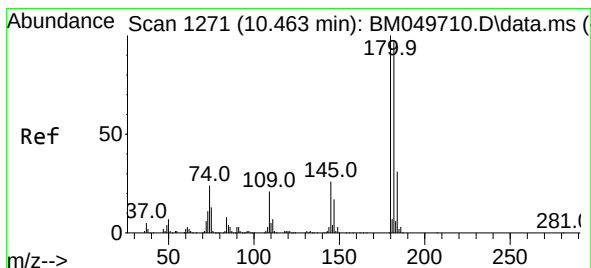
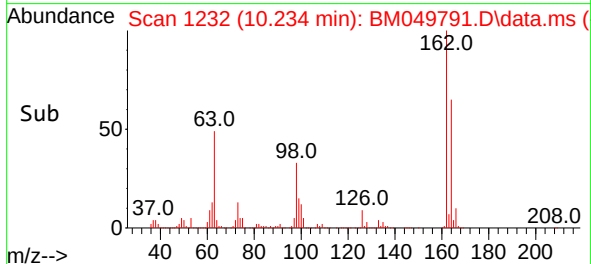
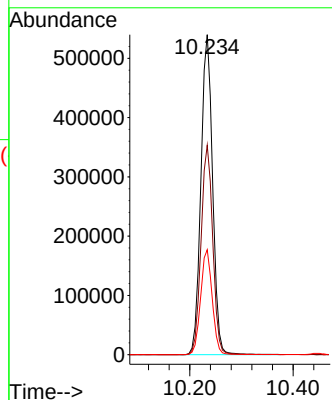
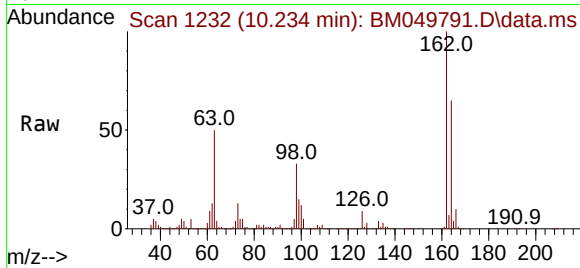
#29
2,4-Dichlorophenol
Concen: 52.845 ng
RT: 10.234 min Scan# 1235
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Instrument :
BNA_M
ClientSampleId :
TP-4MSD

Tgt Ion:162 Resp: 84601
Ion Ratio Lower Upper
162 100
164 65.4 46.3 86.3
98 32.8 12.8 52.8

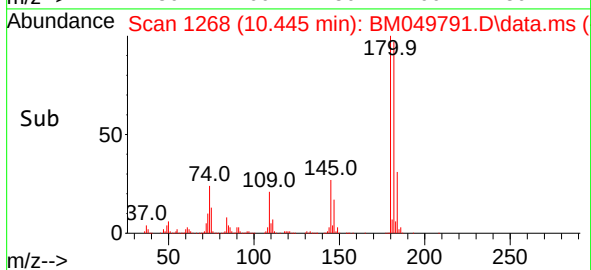
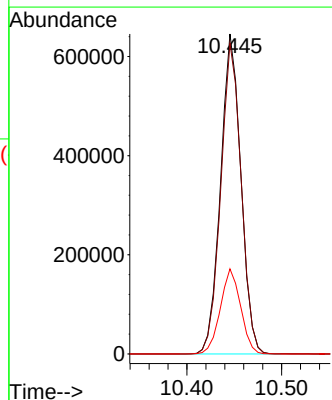
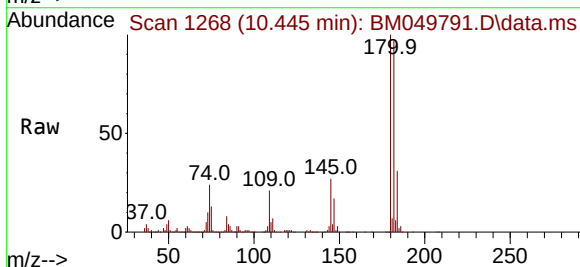
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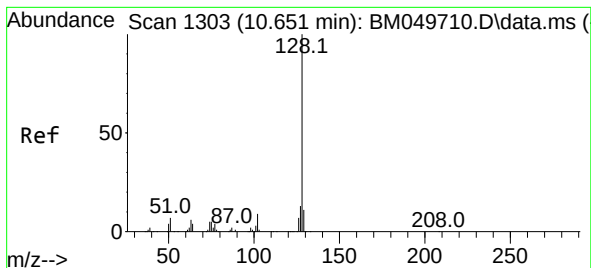
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 48.115 ng
RT: 10.445 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

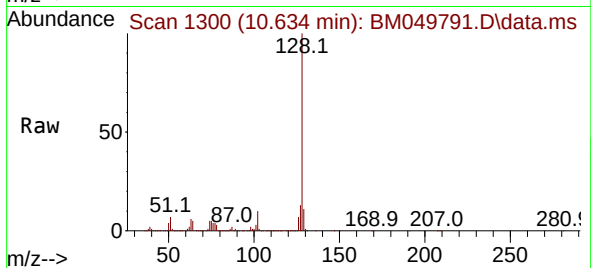
Tgt Ion:180 Resp: 963738
Ion Ratio Lower Upper
180 100
182 97.1 77.7 116.5
145 26.6 21.0 31.4





#31
Naphthalene
Concen: 47.933 ng
RT: 10.634 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

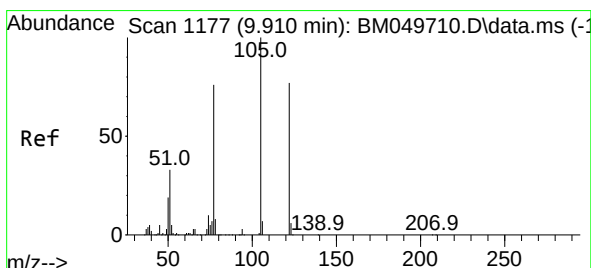
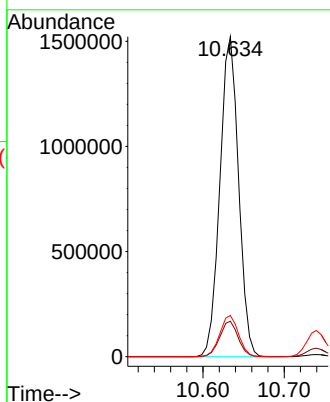
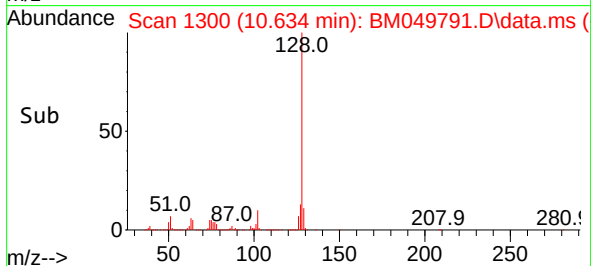
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:128 Resp: 243375
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.4 15.6

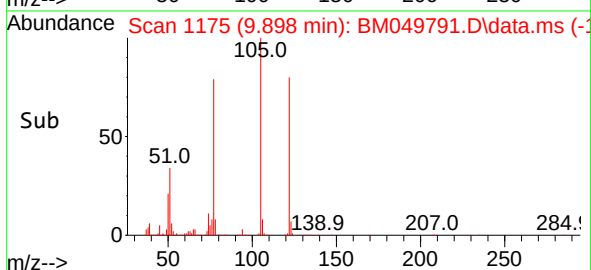
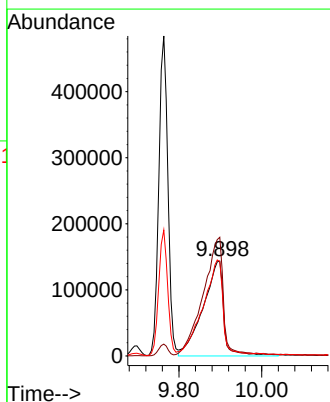
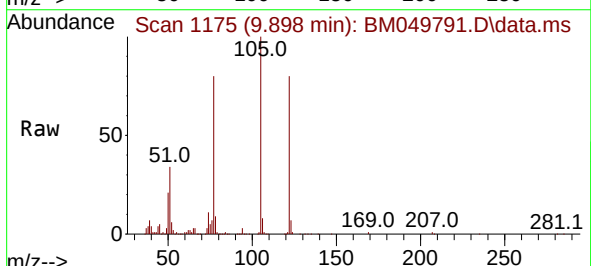
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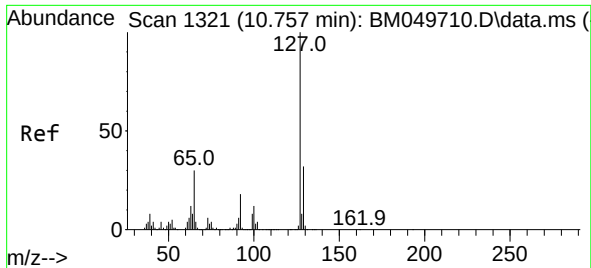
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#32
Benzoic acid
Concen: 59.702 ng m
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

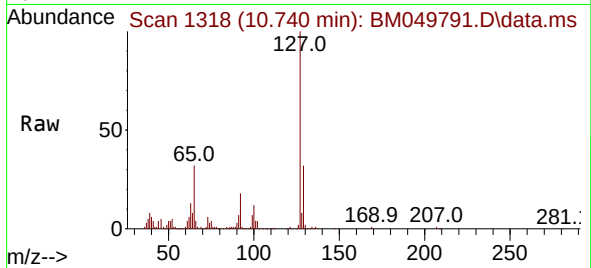
Tgt Ion:122 Resp: 498848
Ion Ratio Lower Upper
122 100
105 125.1 105.6 145.6
77 99.6 76.9 116.9





#33
4-Chloroaniline
Concen: 12.424 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

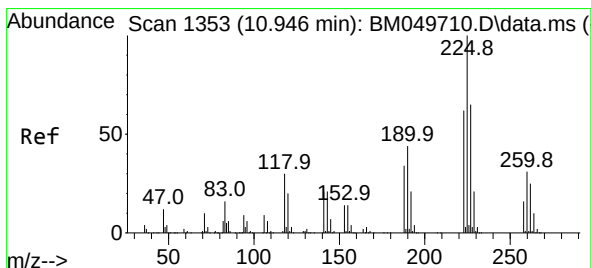
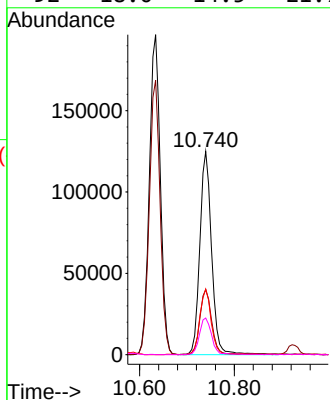
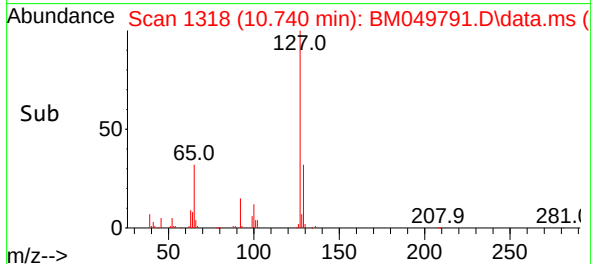
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:127 Resp: 215280
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 32.3 24.1 36.1
92 18.0 14.5 21.7

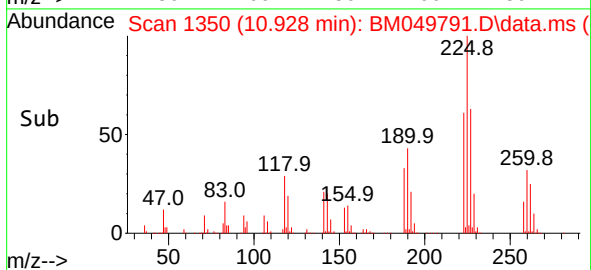
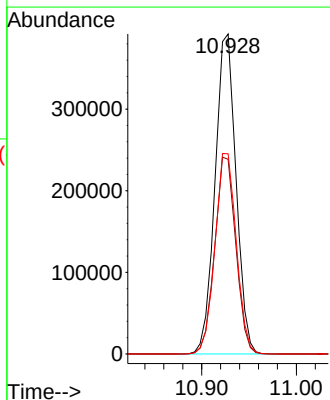
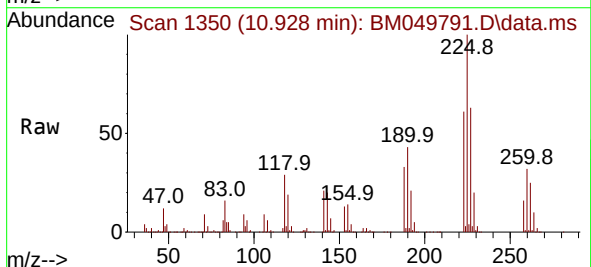
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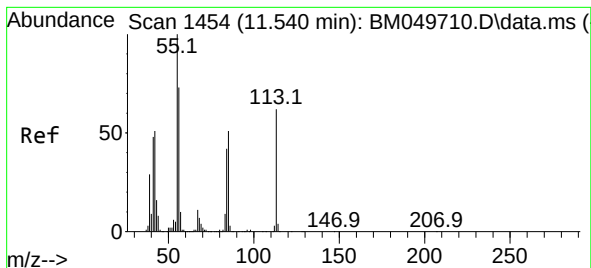
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#34
Hexachlorobutadiene
Concen: 48.826 ng
RT: 10.928 min Scan# 1350
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

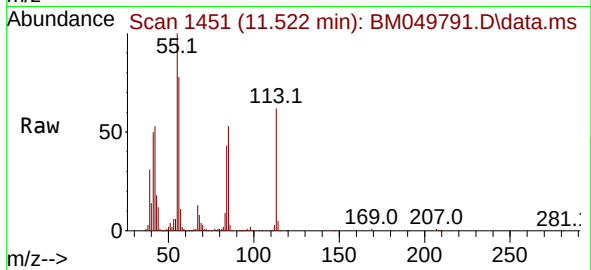
Tgt Ion:225 Resp: 603739
Ion Ratio Lower Upper
225 100
223 60.9 49.8 74.8
227 62.6 52.1 78.1





#35
Caprolactam
Concen: 58.445 ng m
RT: 11.522 min Scan# 1454
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

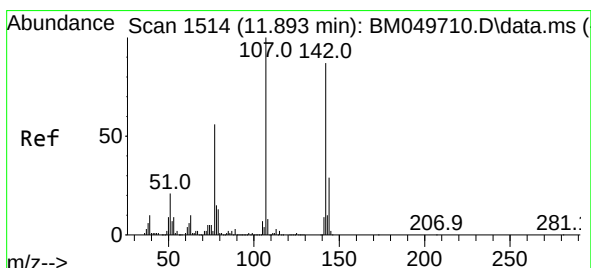
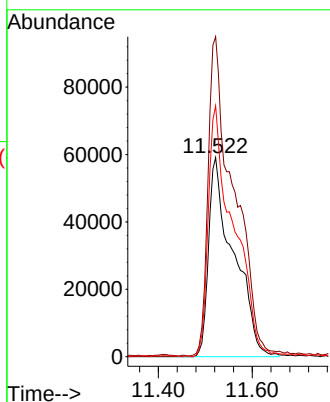
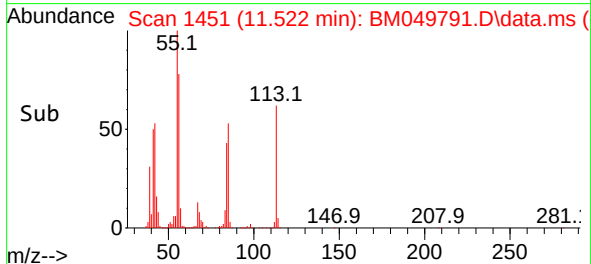
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:113 Resp: 21723
Ion Ratio Lower Upper
113 100
55 160.8 141.8 181.8
56 126.1 98.0 138.0

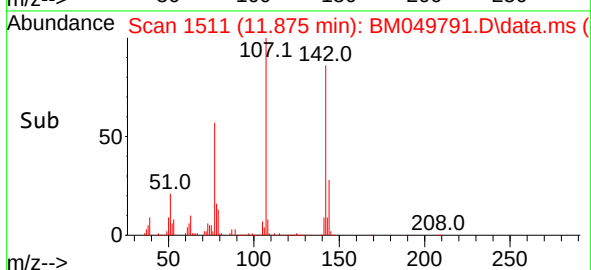
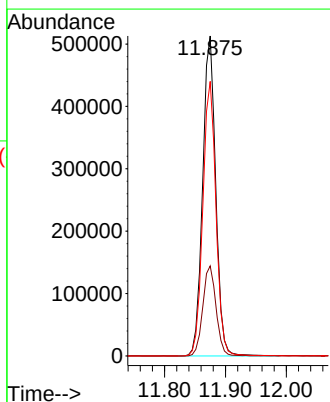
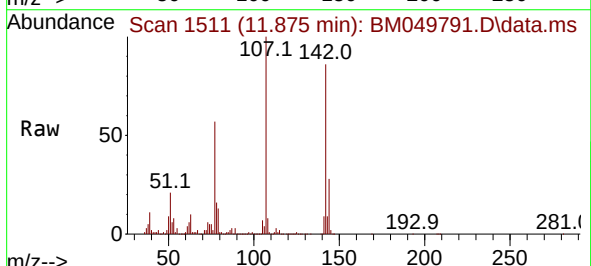
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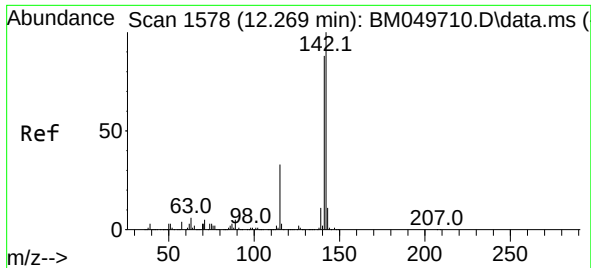
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#36
4-Chloro-3-methylphenol
Concen: 55.691 ng
RT: 11.875 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

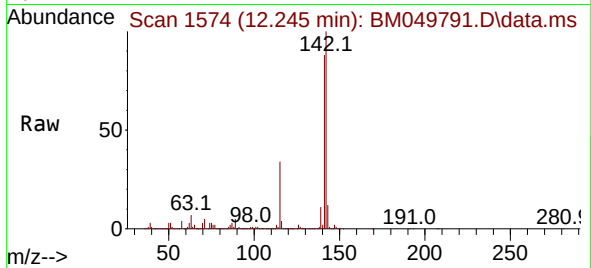
Tgt Ion:107 Resp: 765125
Ion Ratio Lower Upper
107 100
144 28.1 23.0 34.6
142 85.8 69.8 104.8





#37
2-Methylnaphthalene
Concen: 45.237 ng
RT: 12.245 min Scan# 1574
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

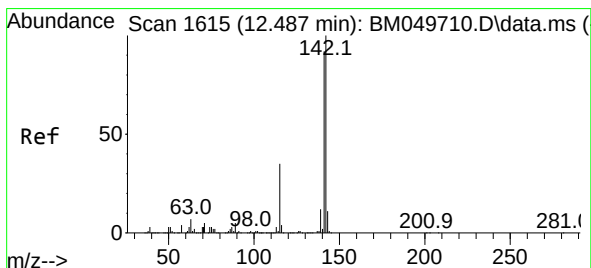
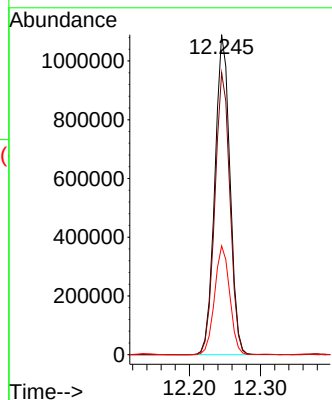
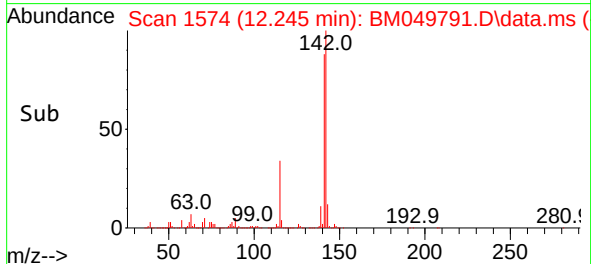
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



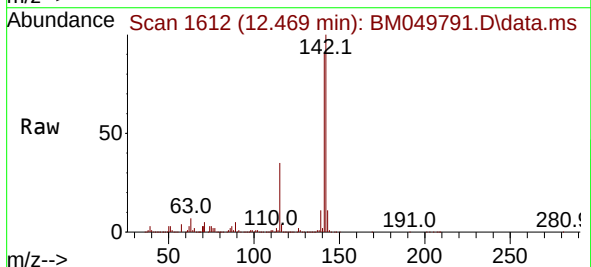
Tgt Ion:142 Resp: 160608
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
115 34.0 26.5 39.7

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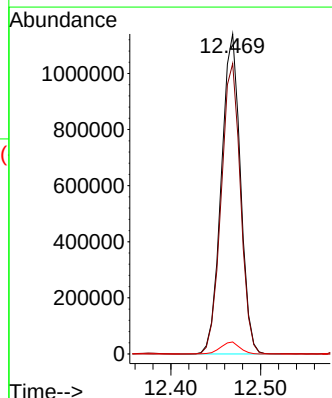
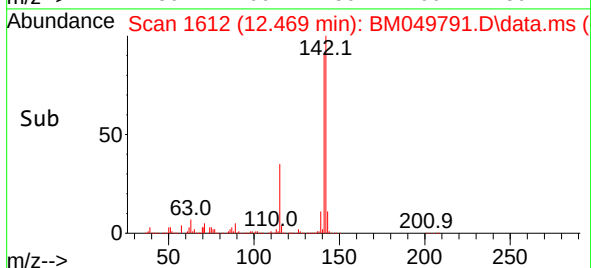
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

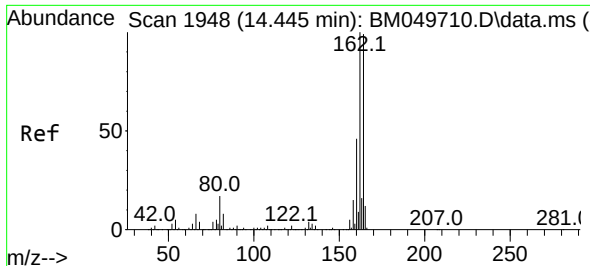


#38
1-Methylnaphthalene
Concen: 49.203 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



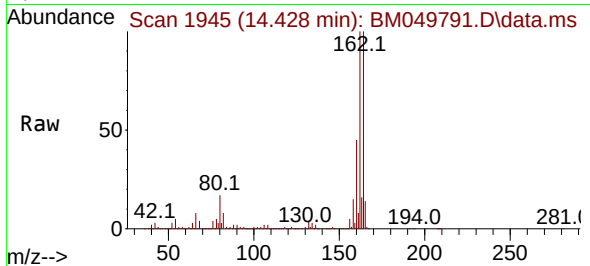
Tgt Ion:142 Resp: 1685394
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.2
116 3.8 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

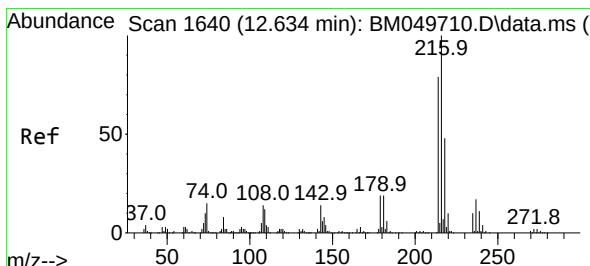
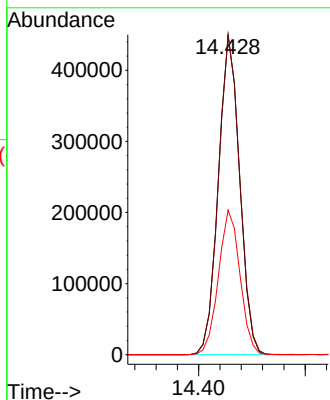
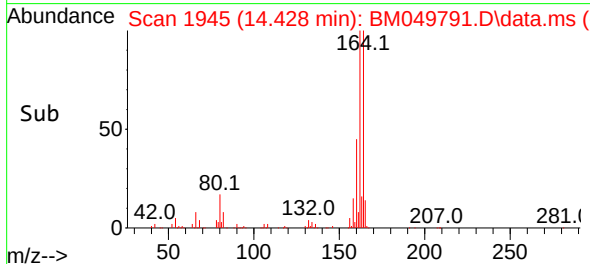
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



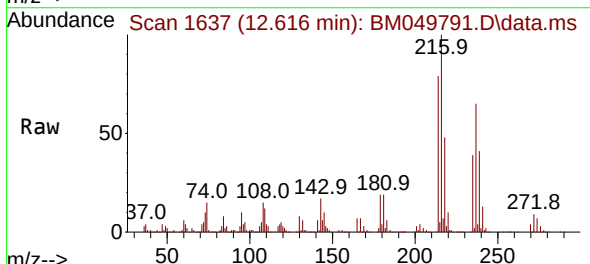
Tgt Ion:164 Resp: 622090
Ion Ratio Lower Upper
164 100
162 100.3 80.5 120.7
160 45.3 36.9 55.3

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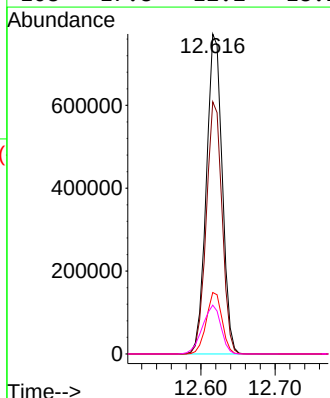
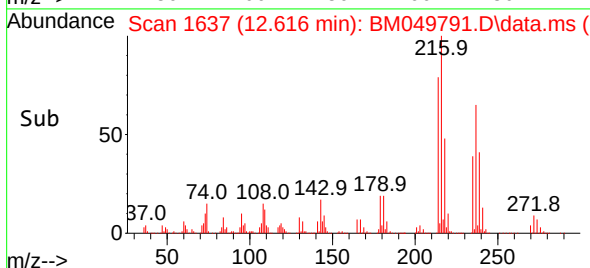
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

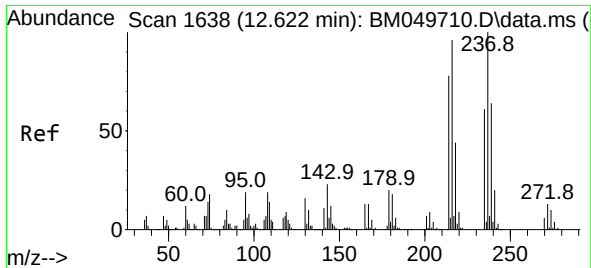


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.087 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



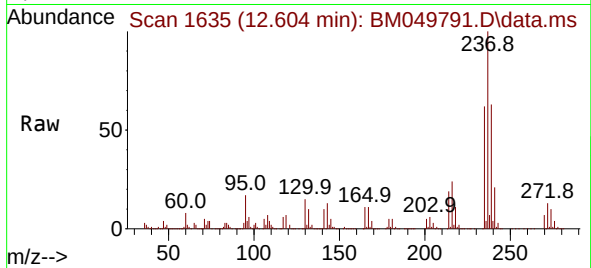
Tgt Ion:216 Resp: 1144521
Ion Ratio Lower Upper
216 100
214 78.4 63.5 95.3
179 19.2 15.7 23.5
108 17.8 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 187.891 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

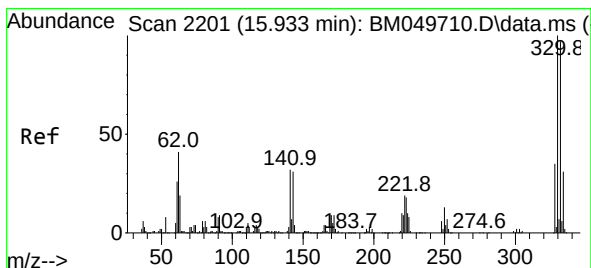
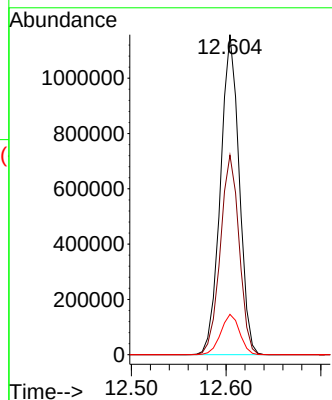
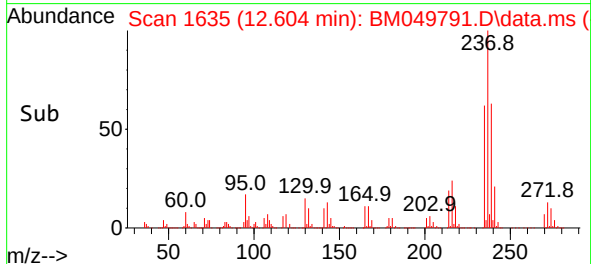
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:237 Resp: 1590570
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 12.6 0.0 32.5

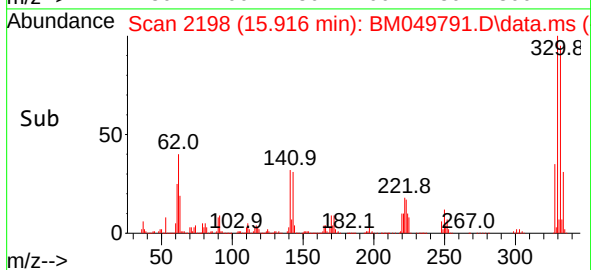
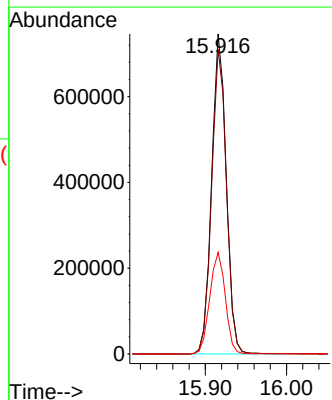
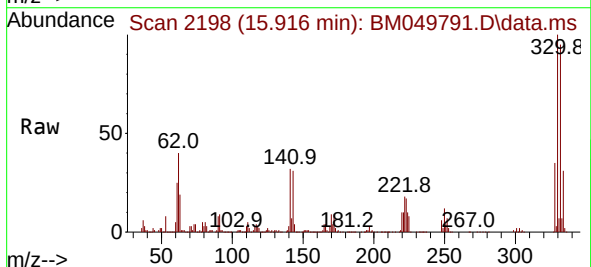
Manual Integrations
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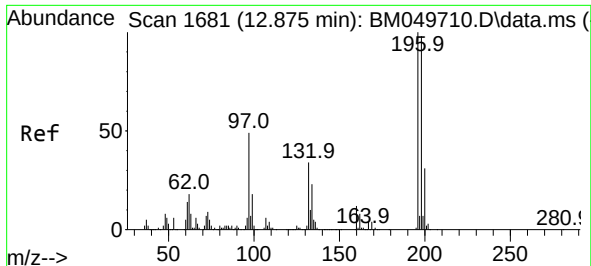
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#42
2,4,6-Tribromophenol
Concen: 128.141 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

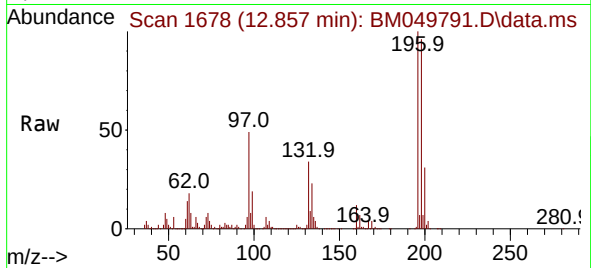
Tgt Ion:330 Resp: 930832
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 33.7 27.8 41.6





#43
2,4,6-Trichlorophenol
Concen: 55.211 ng
RT: 12.857 min Scan# 1681
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

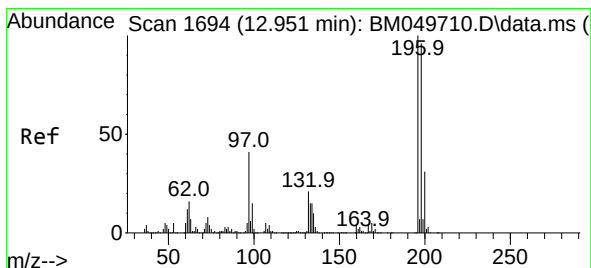
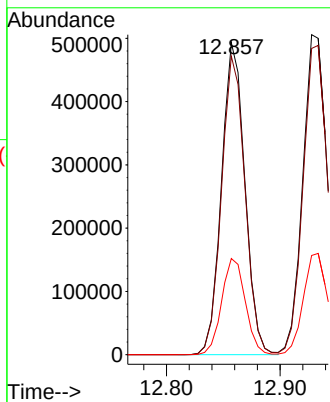
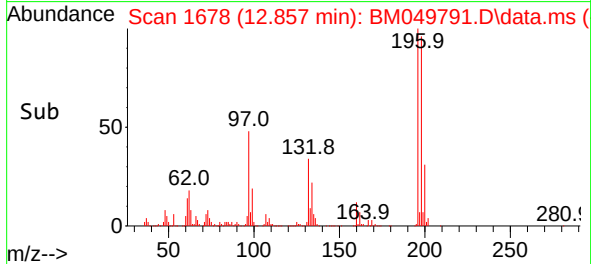
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



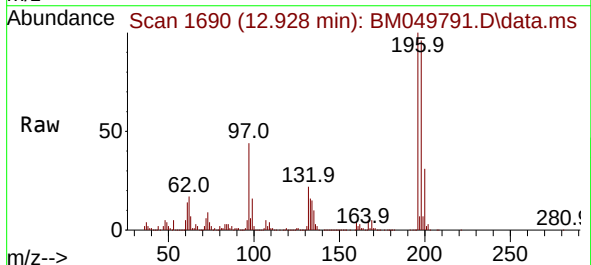
Tgt Ion:196 Resp: 706580
Ion Ratio Lower Upper
196 100
198 95.7 78.3 117.5
200 30.8 25.1 37.7

Manual Integrations
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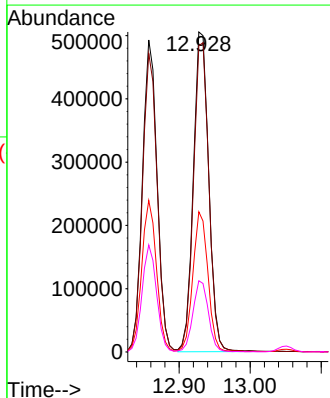
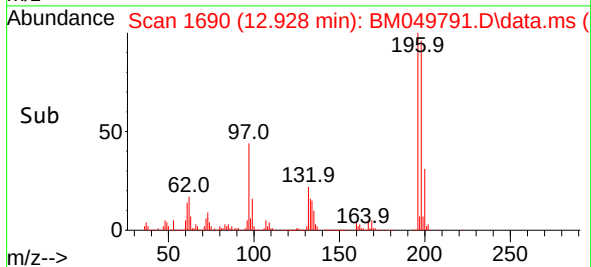
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

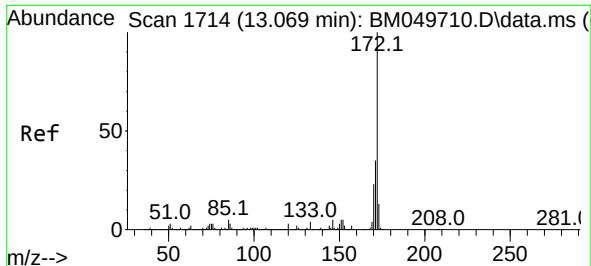


#44
2,4,5-Trichlorophenol
Concen: 54.782 ng
RT: 12.928 min Scan# 1690
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



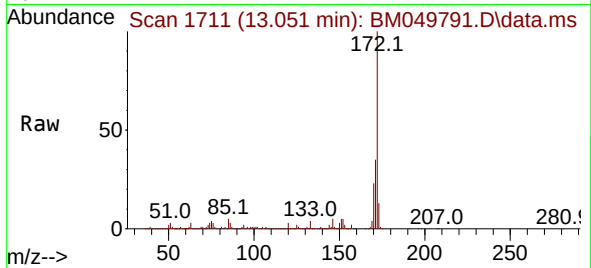
Tgt Ion:196 Resp: 765076
Ion Ratio Lower Upper
196 100
198 95.7 76.7 115.1
97 43.8 32.9 49.3
132 22.3 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 65.748 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

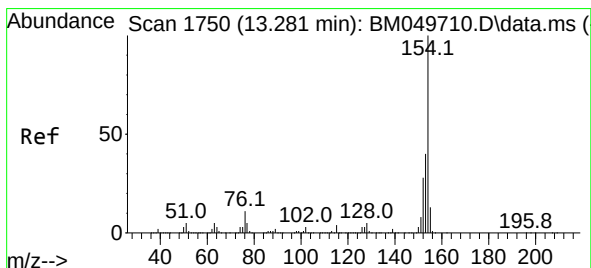
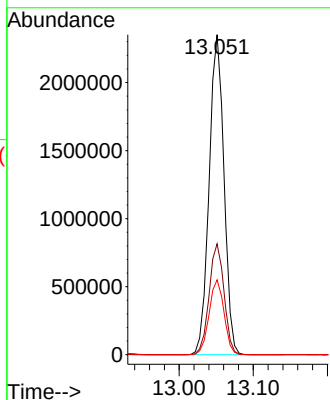
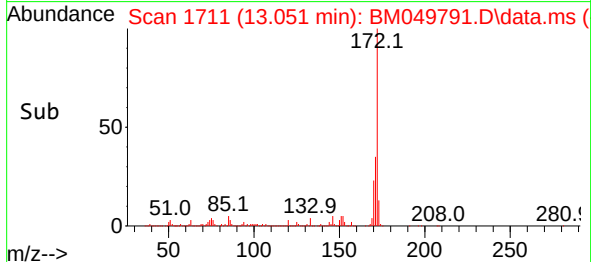
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



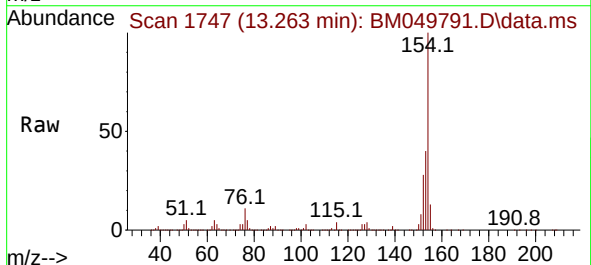
Tgt Ion:172 Resp: 326587
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.4 18.6 28.0

Manual Integrations
APPROVED

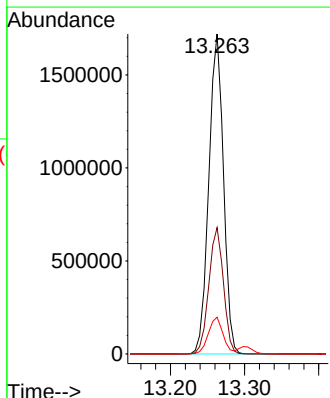
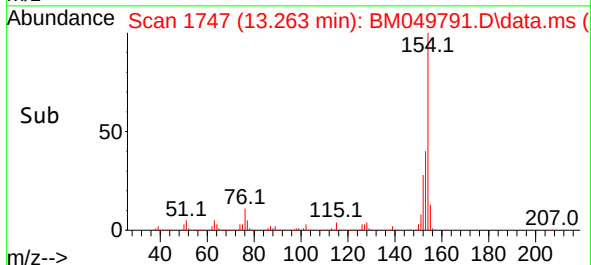
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

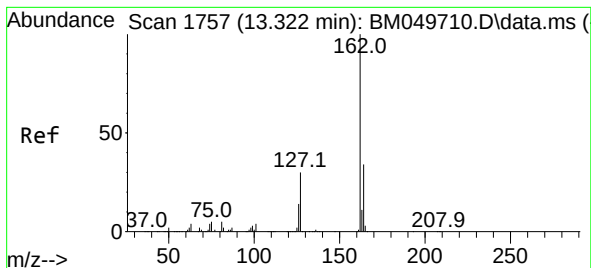


#46
1,1'-Biphenyl
Concen: 49.130 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



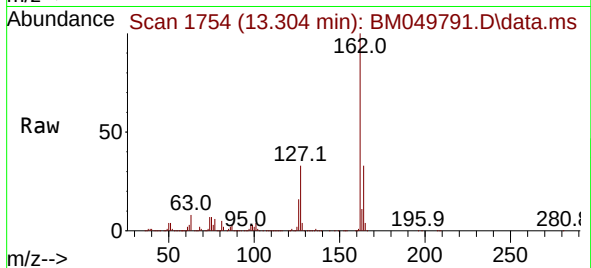
Tgt Ion:154 Resp: 2355527
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 11.5 0.0 31.2





#47
2-Chloronaphthalene
Concen: 49.698 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

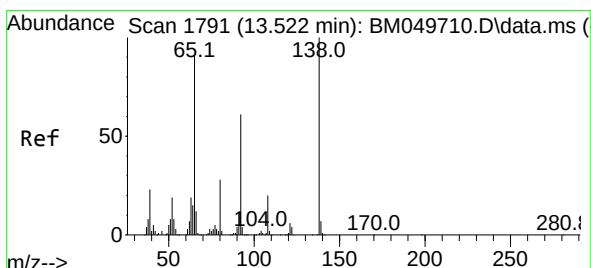
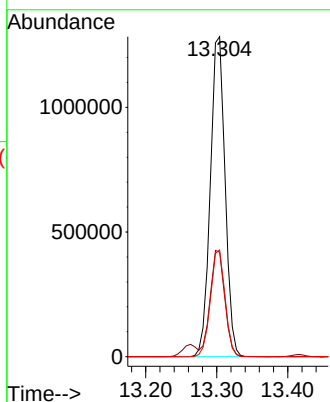
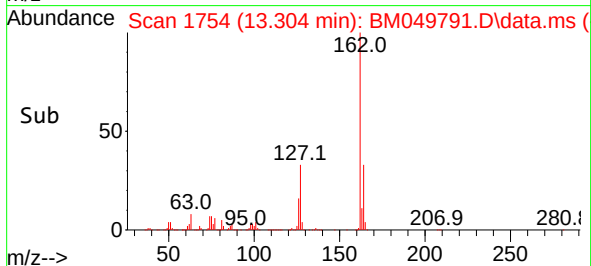
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



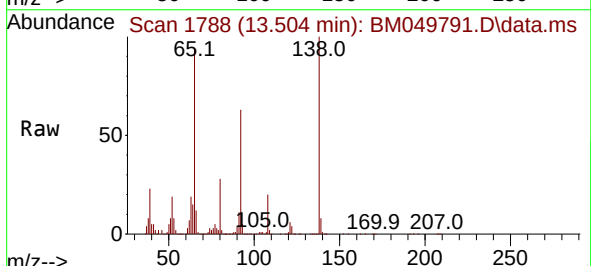
Tgt Ion:162 Resp: 185468
Ion Ratio Lower Upper
162 100
127 32.7 25.8 38.6
164 33.3 27.1 40.7

Manual Integrations
APPROVED

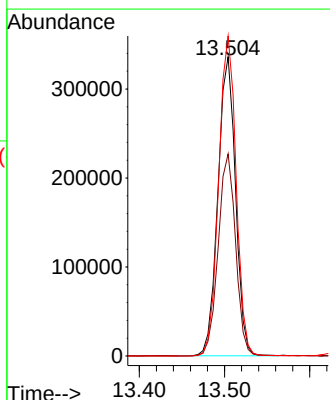
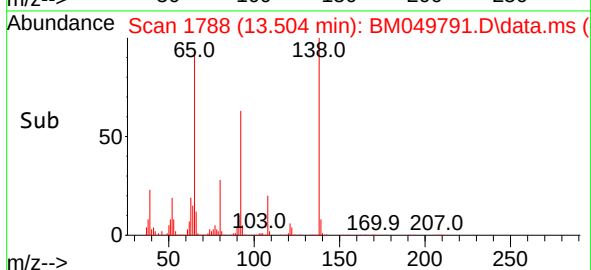
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

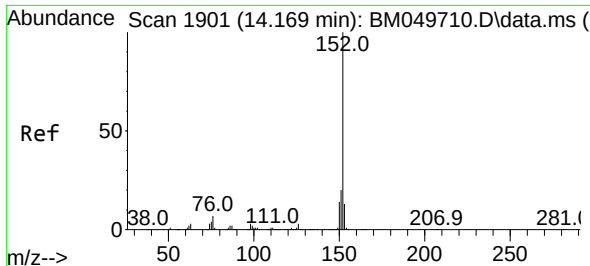


#48
2-Nitroaniline
Concen: 57.482 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



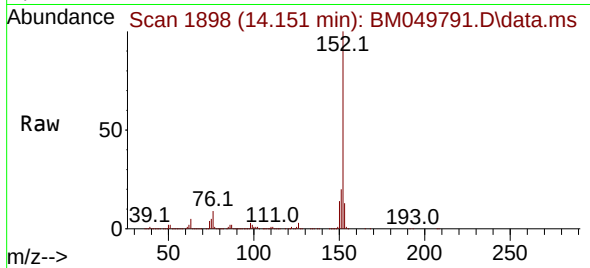
Tgt Ion: 65 Resp: 481562
Ion Ratio Lower Upper
65 100
92 67.5 53.4 80.2
138 106.9 87.6 131.4





#49
Acenaphthylene
Concen: 55.208 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

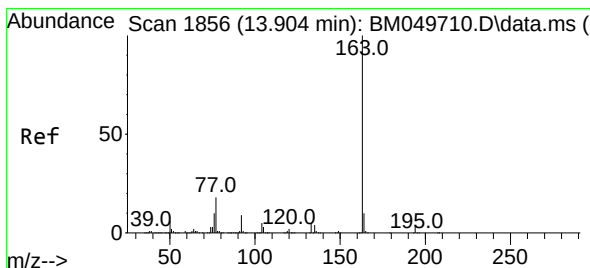
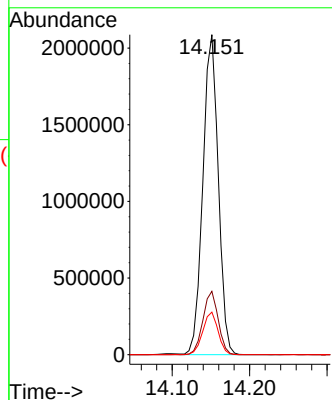
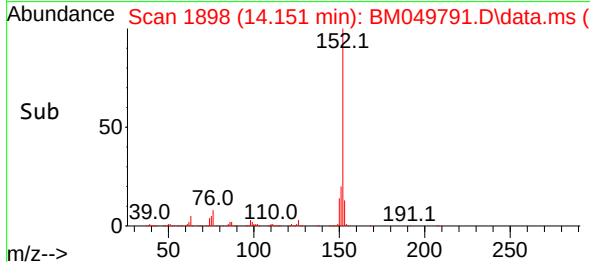
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:152 Resp: 2879860
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 10.2 15.4

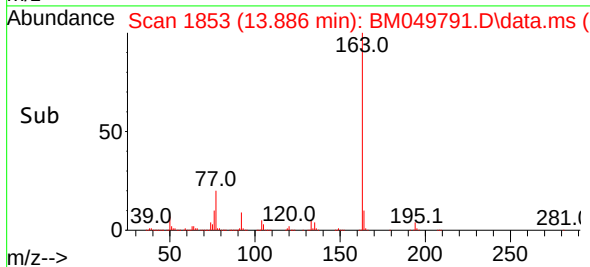
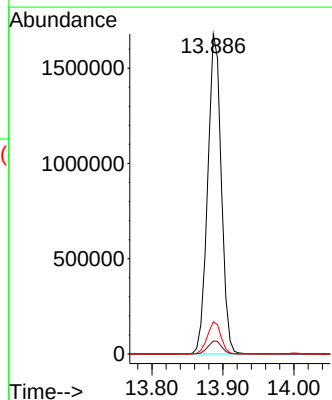
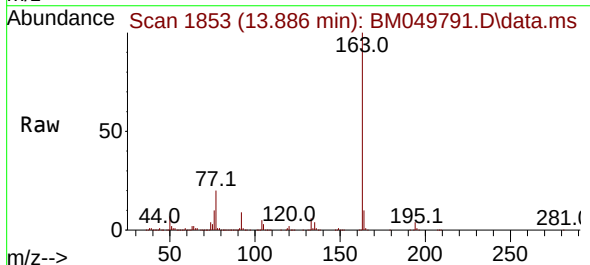
Manual Integrations
APPROVED

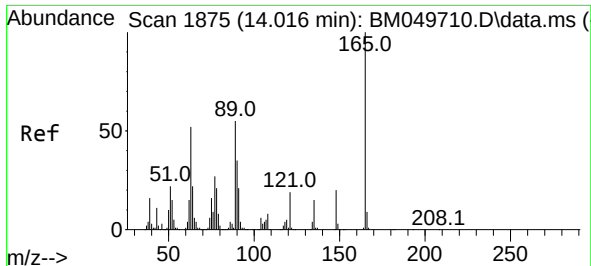
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#50
Dimethylphthalate
Concen: 52.060 ng
RT: 13.886 min Scan# 1853
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

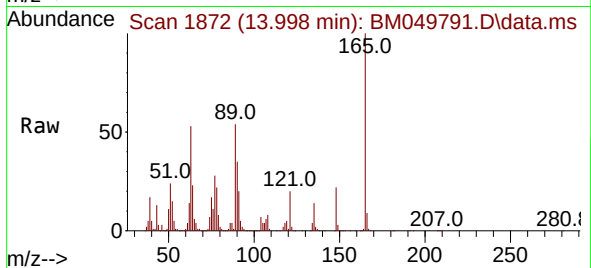
Tgt Ion:163 Resp: 2229742
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.487 ng
RT: 13.998 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

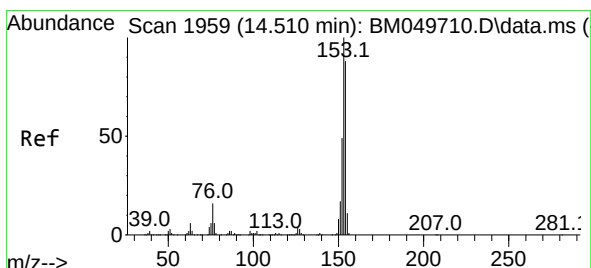
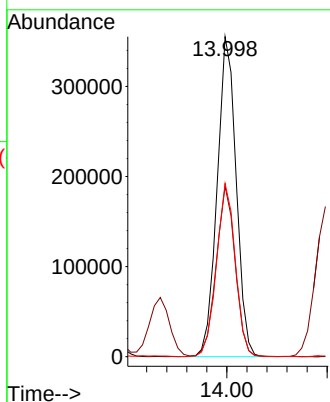
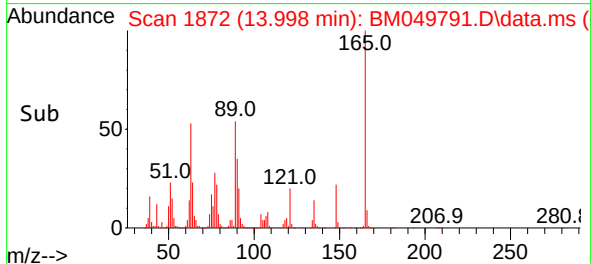
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:165 Resp: 467608
Ion Ratio Lower Upper
165 100
63 53.2 42.3 63.5
89 54.2 43.9 65.9

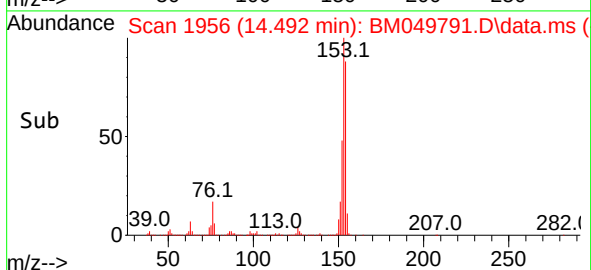
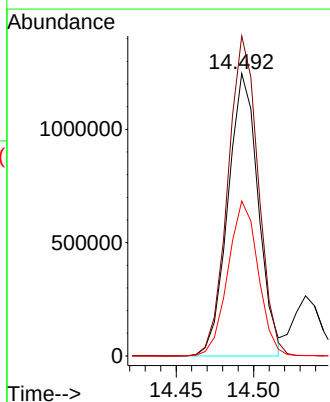
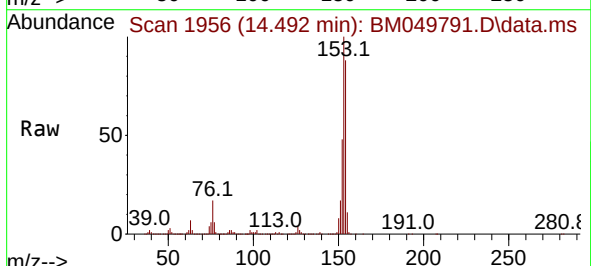
Manual Integrations
APPROVED

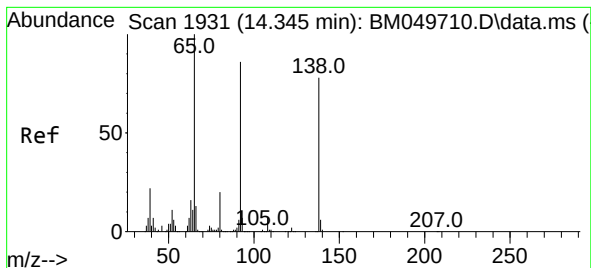
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#52
Acenaphthene
Concen: 49.492 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

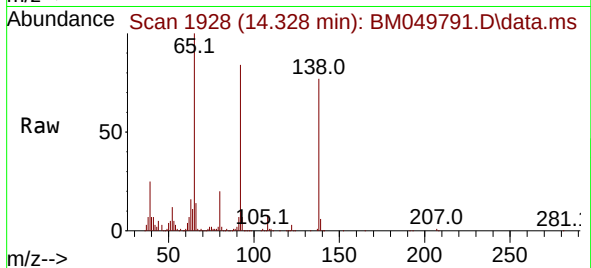
Tgt Ion:154 Resp: 1693441
Ion Ratio Lower Upper
154 100
153 113.3 90.4 135.6
152 54.8 44.2 66.2





#53
3-Nitroaniline
Concen: 17.247 ng
RT: 14.328 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

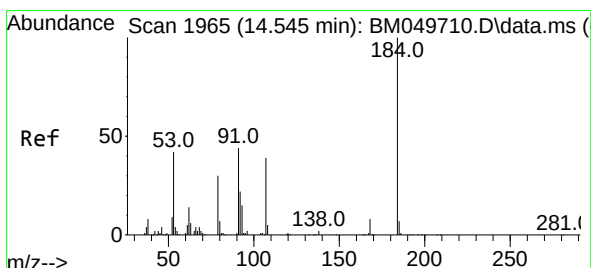
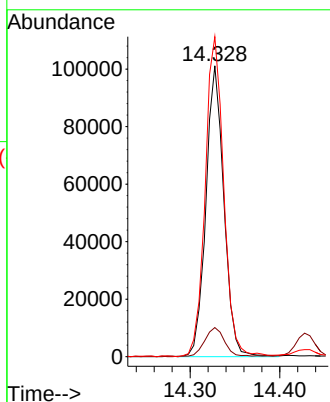
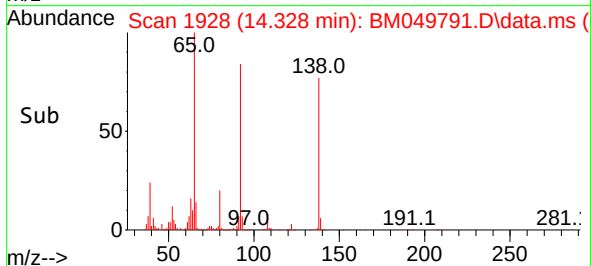
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



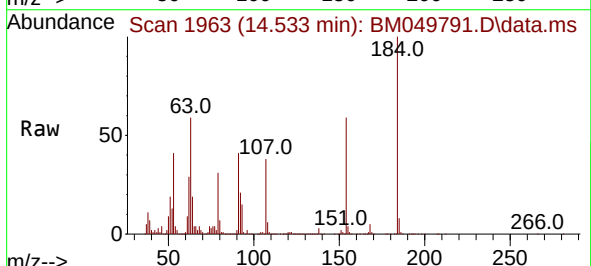
Tgt Ion:138 Resp: 140849
Ion Ratio Lower Upper
138 100
108 10.0 7.5 11.3
92 110.0 88.0 132.0

Manual Integrations
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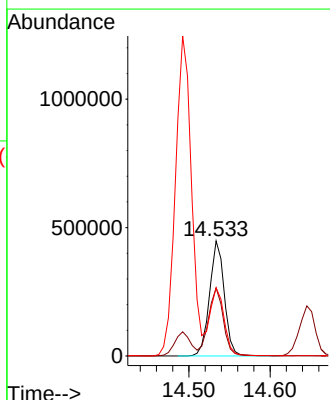
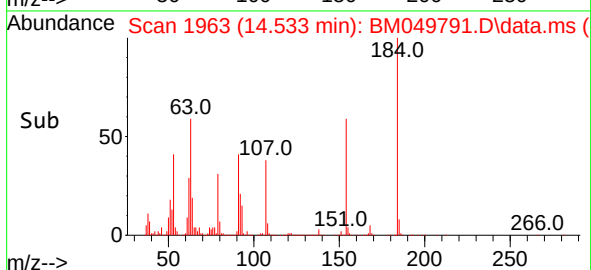
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

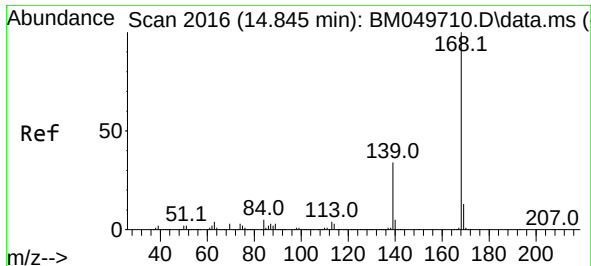


#54
2,4-Dinitrophenol
Concen: 95.757 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



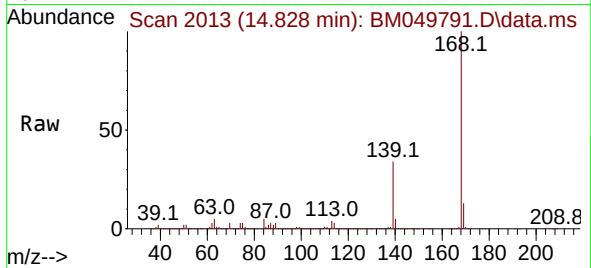
Tgt Ion:184 Resp: 564920
Ion Ratio Lower Upper
184 100
63 59.2 47.2 70.8
154 59.2 49.9 74.9





#55
Dibenzenofuran
Concen: 48.259 ng
RT: 14.828 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

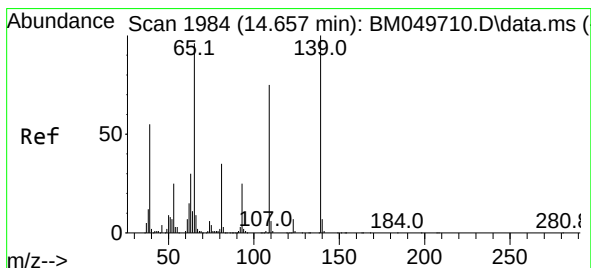
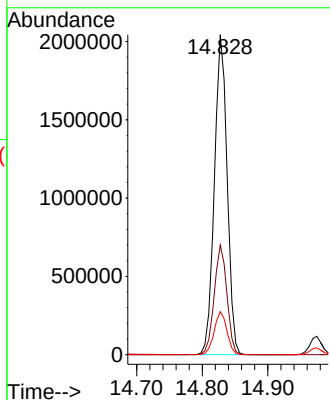
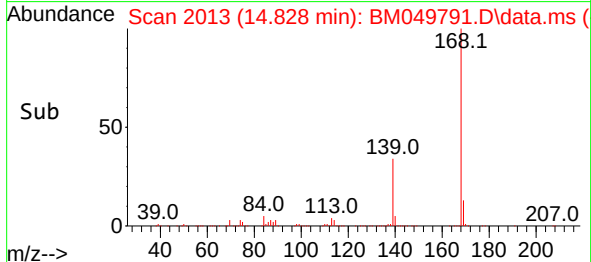
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:168 Resp: 2751509
Ion Ratio Lower Upper
168 100
139 34.3 27.4 41.0
169 13.4 10.7 16.1

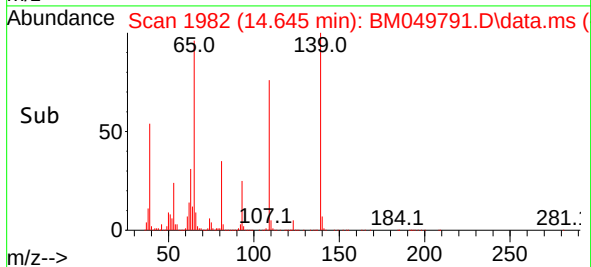
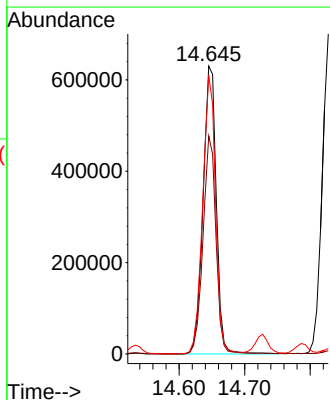
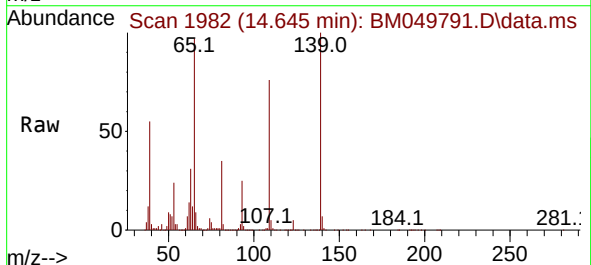
Manual Integrations
APPROVED

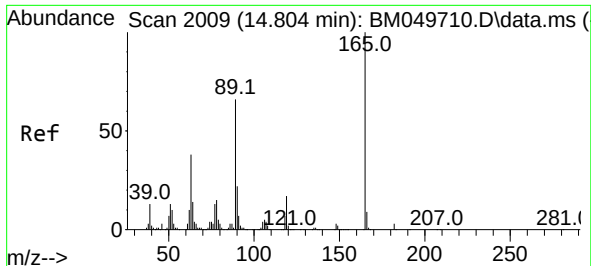
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#56
4-Nitrophenol
Concen: 124.605 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

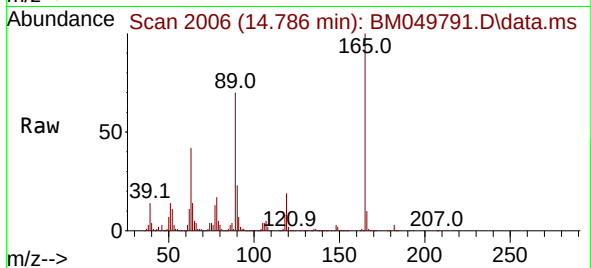
Tgt Ion:139 Resp: 885776
Ion Ratio Lower Upper
139 100
109 75.8 54.7 94.7
65 96.7 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 59.503 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

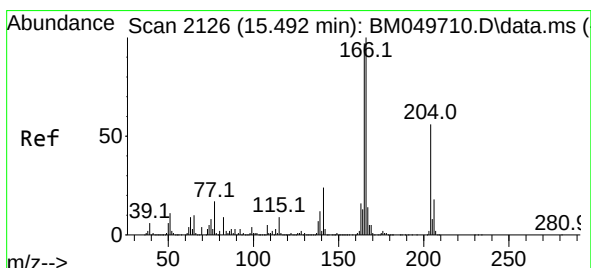
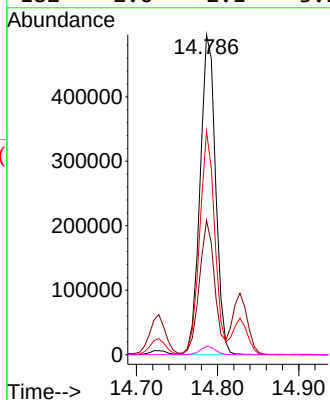
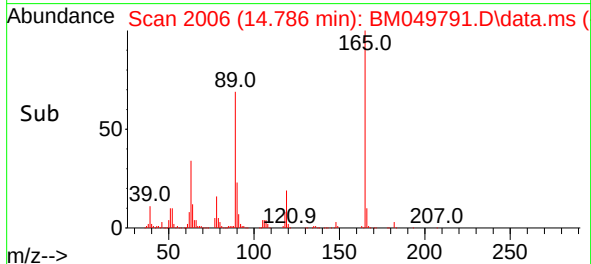
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:165 Resp: 657099
Ion Ratio Lower Upper
165 100
63 41.9 30.8 46.2
89 69.8 53.1 79.7
182 2.6 2.1 3.1

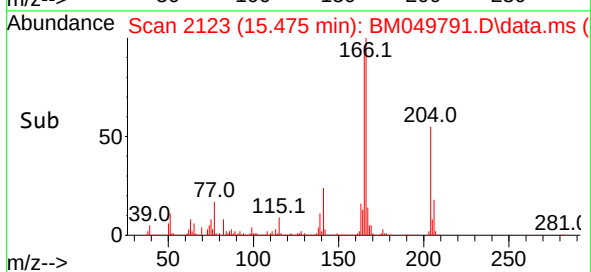
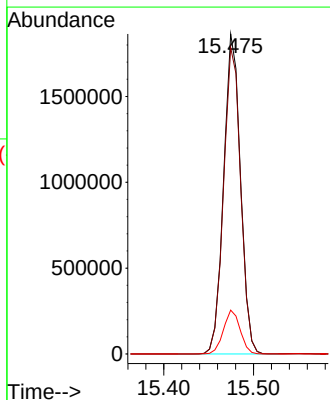
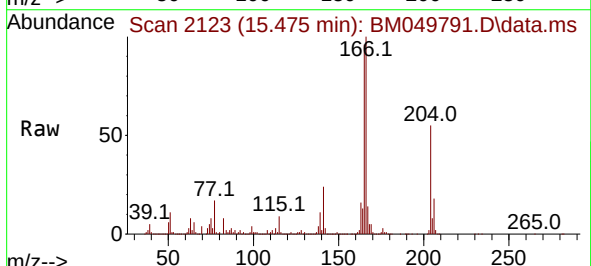
Manual Integrations
APPROVED

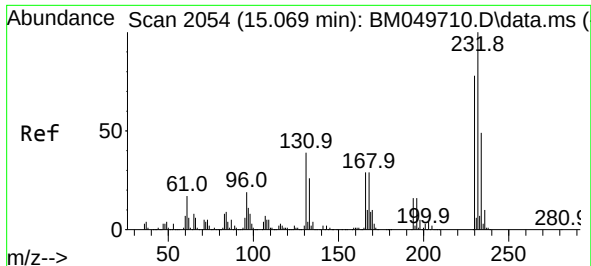
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#58
Fluorene
Concen: 52.324 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

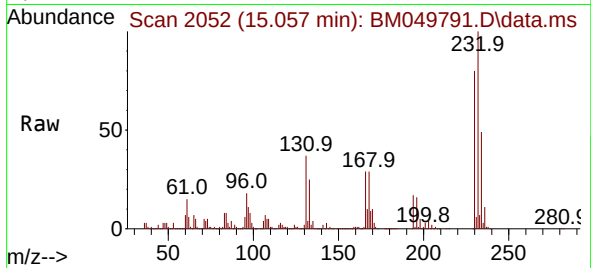
Tgt Ion:166 Resp: 2428898
Ion Ratio Lower Upper
166 100
165 95.7 77.5 116.3
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.322 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

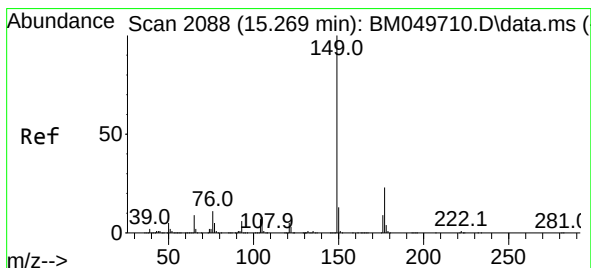
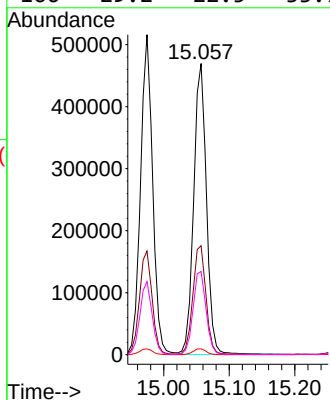
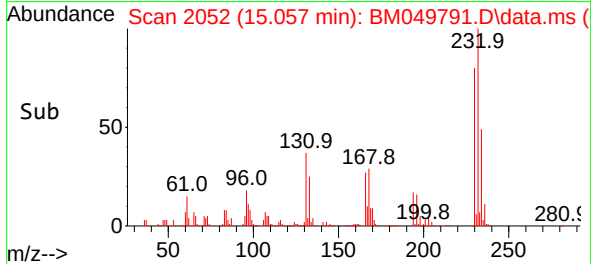
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



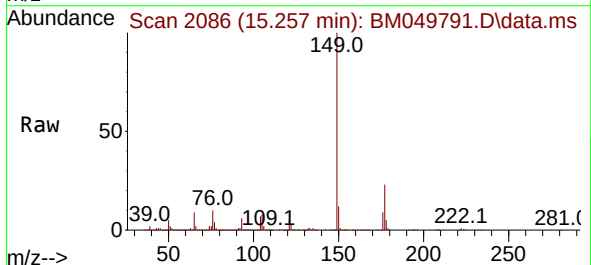
Tgt Ion:232 Resp: 635030
Ion Ratio Lower Upper
232 100
131 38.5 30.0 45.0
130 2.1 1.6 2.4
166 29.2 22.5 33.7

Manual Integrations
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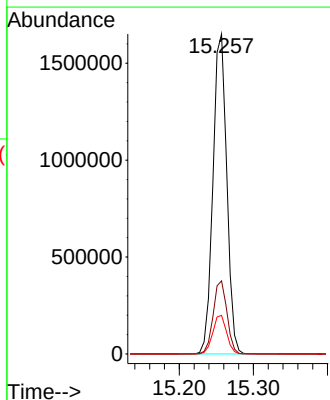
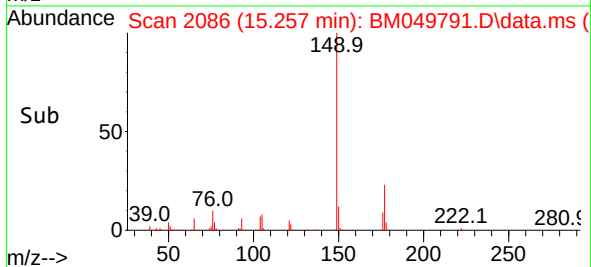
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

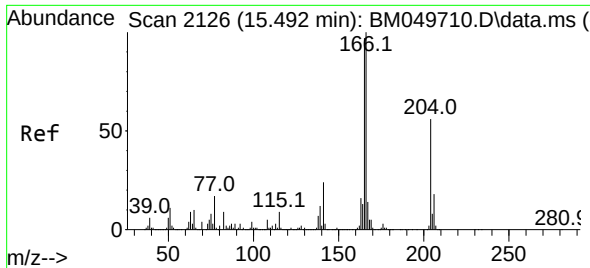


#60
Diethylphthalate
Concen: 52.840 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



Tgt Ion:149 Resp: 2131529
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.1 10.0 15.0





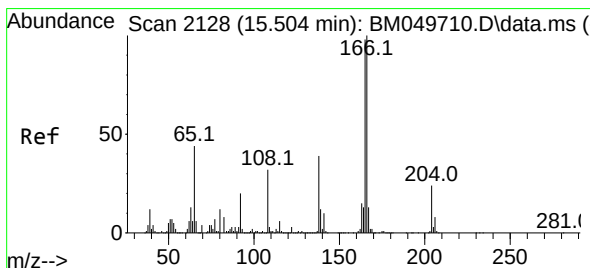
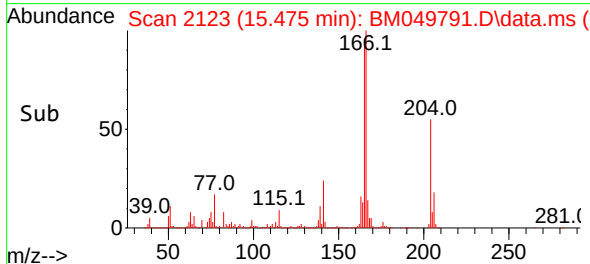
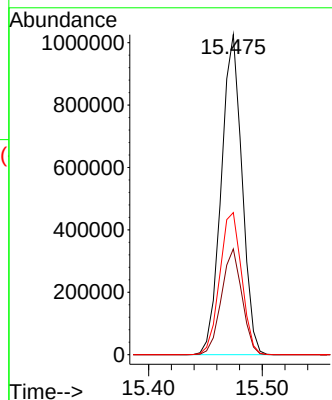
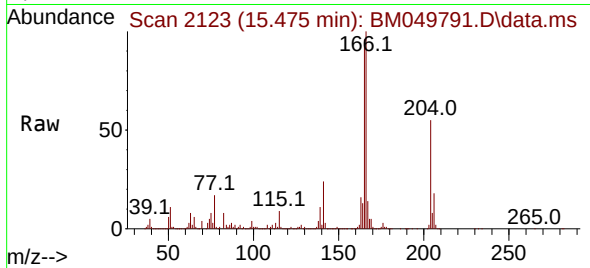
#61
4-Chlorophenyl-phenylether
Concen: 51.485 ng
RT: 15.475 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Instrument :
BNA_M
ClientSampleId :
TP-4MSD

Tgt Ion:204 Resp: 1305078
Ion Ratio Lower Upper
204 100
206 33.1 25.2 37.8
141 44.4 34.5 51.7

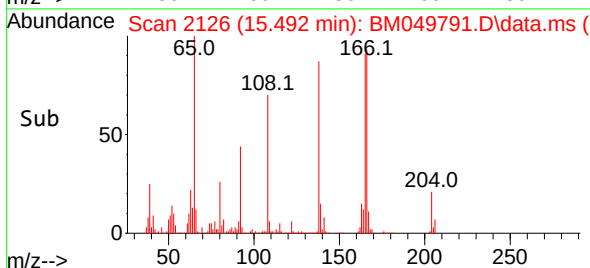
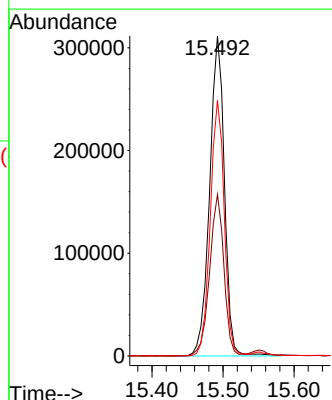
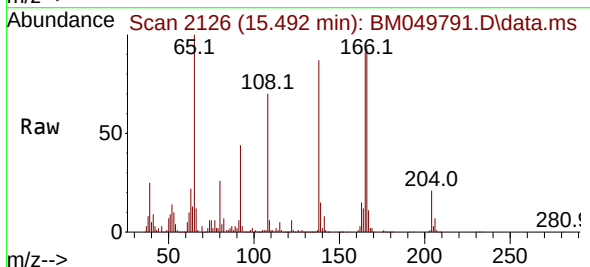
Manual Integrations
APPROVED

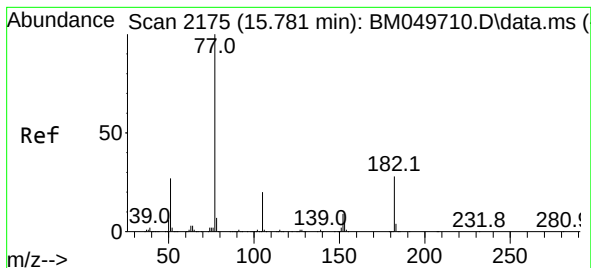
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#62
4-Nitroaniline
Concen: 46.651 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

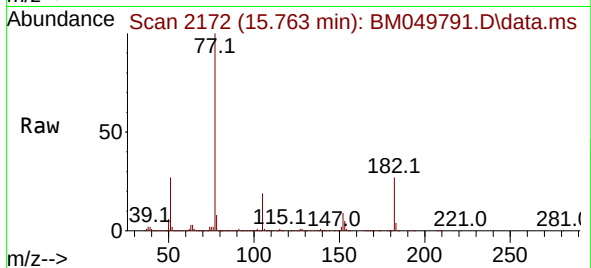
Tgt Ion:138 Resp: 452177
Ion Ratio Lower Upper
138 100
92 50.5 29.8 69.8
108 79.8 61.3 101.3





#63
Azobenzene
Concen: 54.455 ng
RT: 15.763 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

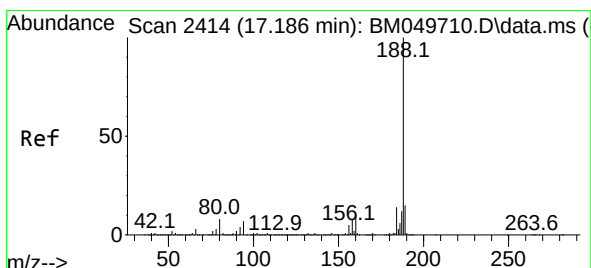
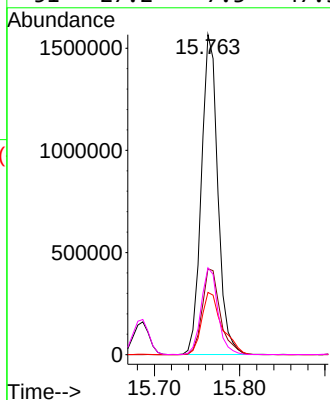
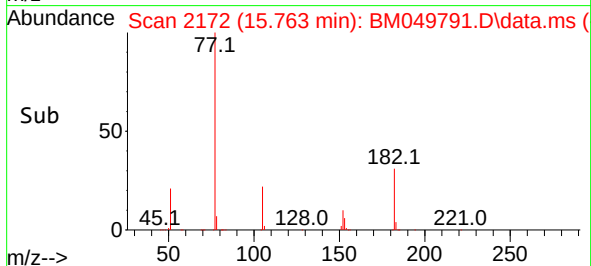
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion: 77 Resp: 2098190
Ion Ratio Lower Upper
77 100
182 26.9 8.0 48.0
105 19.5 0.0 40.0
51 27.2 7.3 47.3

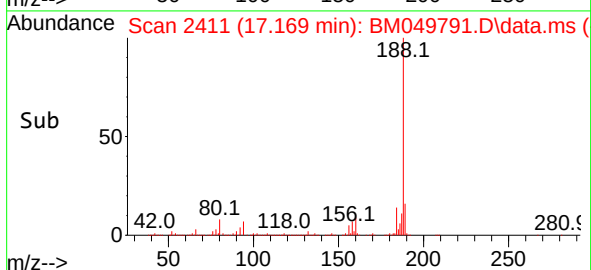
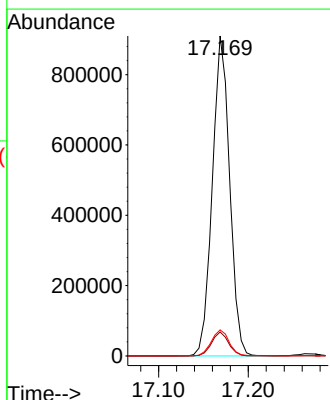
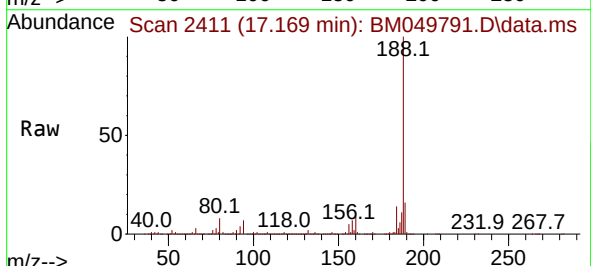
Manual Integrations
APPROVED

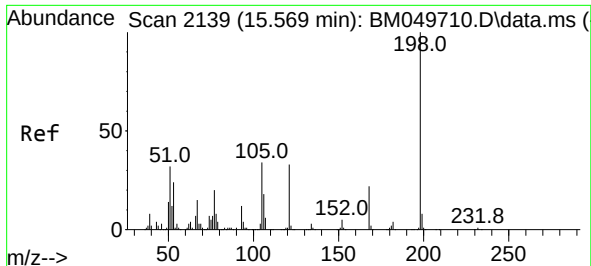
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.017 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

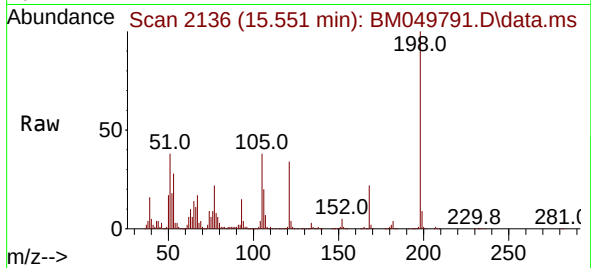
Tgt Ion:188 Resp: 1219611
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.2 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 51.120 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

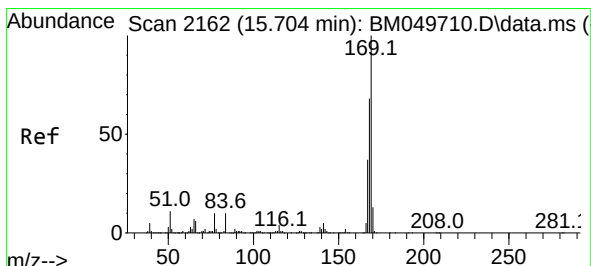
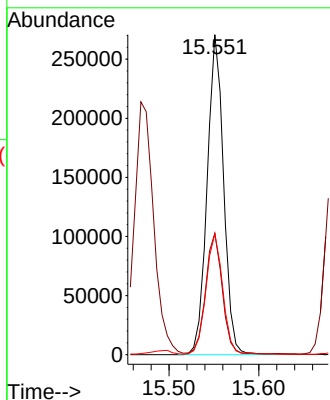
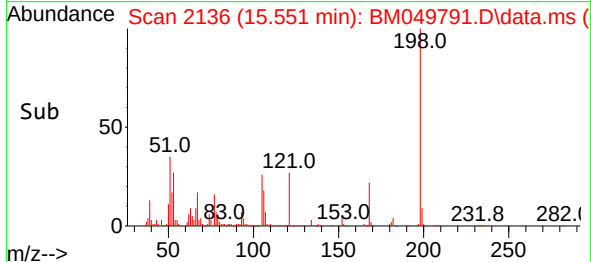
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



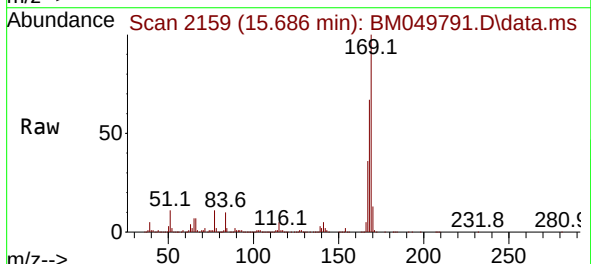
Tgt Ion:198 Resp: 344840
Ion Ratio Lower Upper
198 100
51 37.9 13.8 53.8
105 37.7 14.0 54.0

Manual Integrations
APPROVED

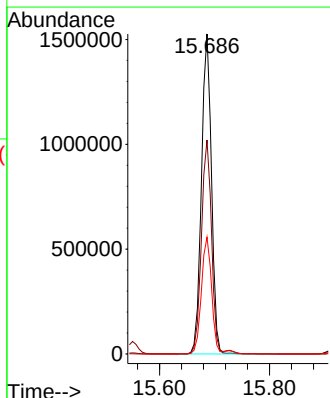
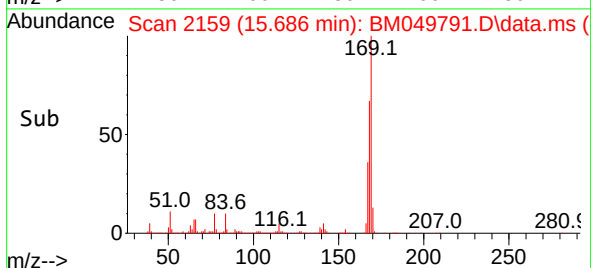
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

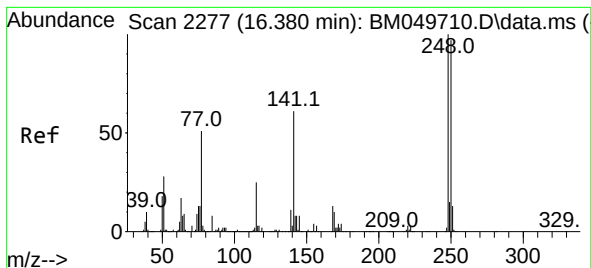


#66
n-Nitrosodiphenylamine
Concen: 52.174 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



Tgt Ion:169 Resp: 1927904
Ion Ratio Lower Upper
169 100
168 66.8 54.8 82.2
167 36.5 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 50.824 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

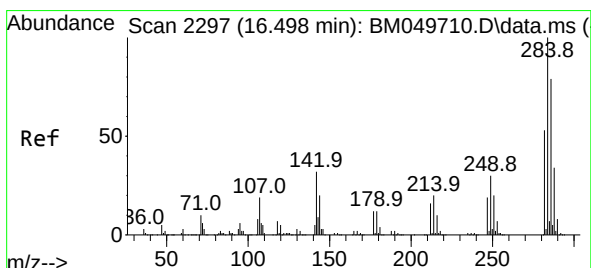
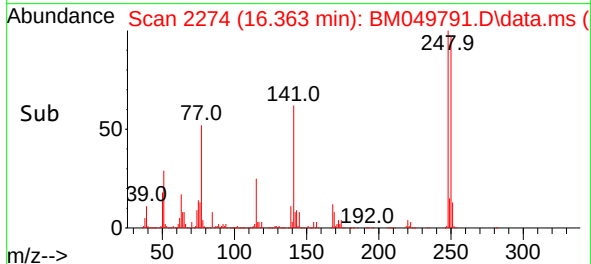
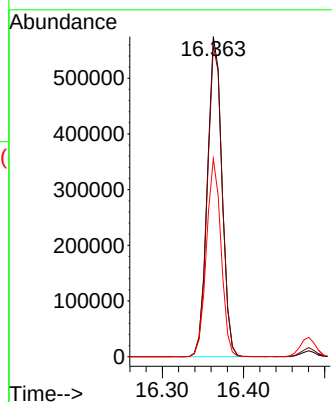
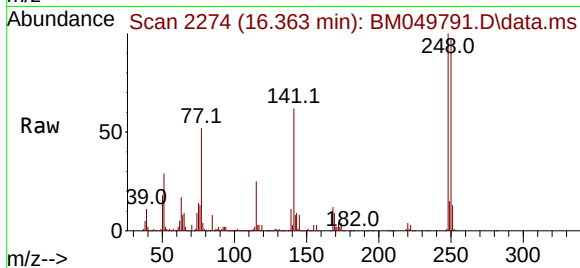
TP-4MSD

Tgt Ion:248 Resp: 71566
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 61.9 48.6 73.0

Manual Integrations

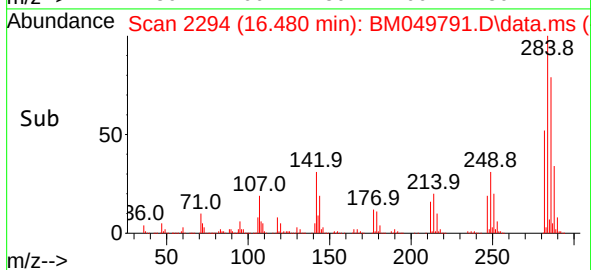
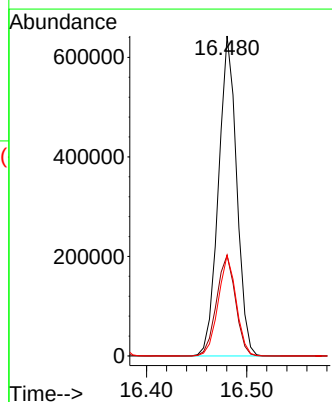
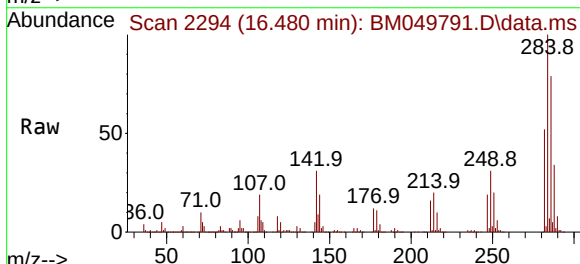
APPROVED

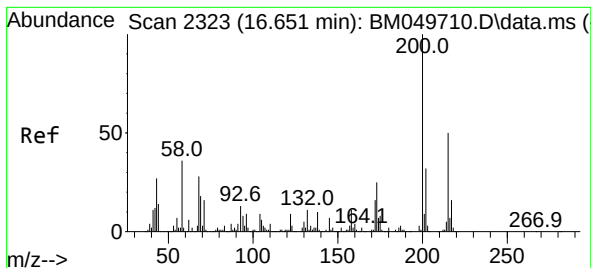
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#68
Hexachlorobenzene
Concen: 51.227 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Tgt Ion:284 Resp: 811164
Ion Ratio Lower Upper
284 100
142 31.5 25.5 38.3
249 31.5 24.2 36.2





#69

Atrazine

Concen: 84.411 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

TP-4MSD

Tgt Ion:200 Resp: 687408

Ion Ratio Lower Upper

200 100

173 24.6 5.4 45.4

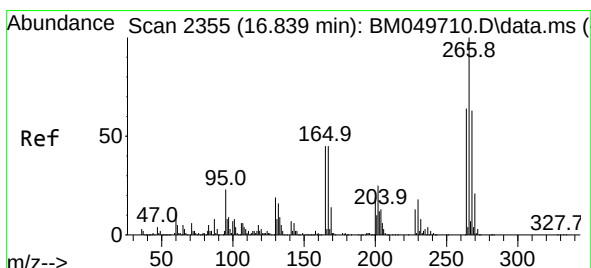
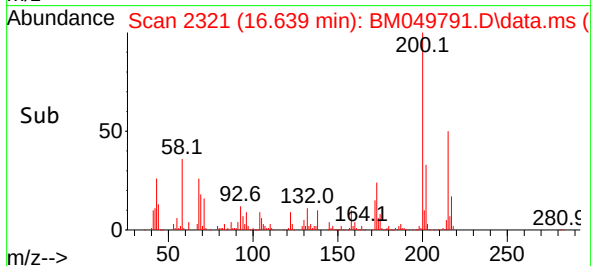
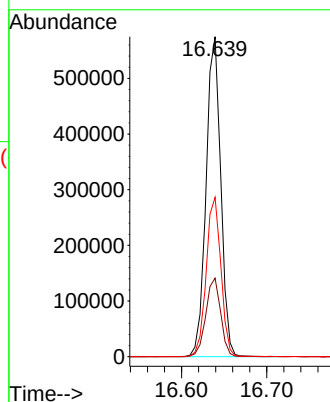
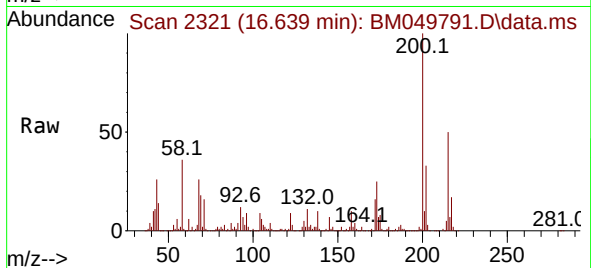
215 49.8 29.8 69.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#70

Pentachlorophenol

Concen: 121.331 ng

RT: 16.822 min Scan# 2352

Delta R.T. -0.017 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

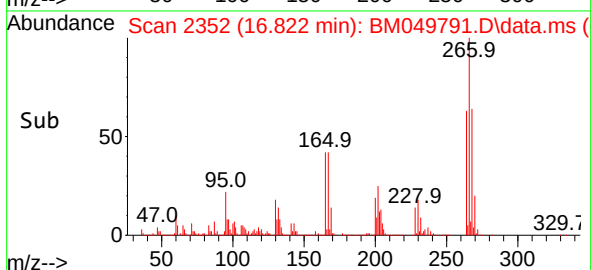
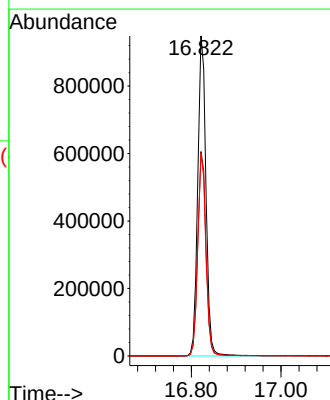
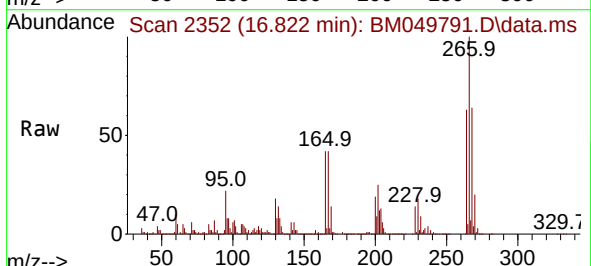
Tgt Ion:266 Resp: 1207350

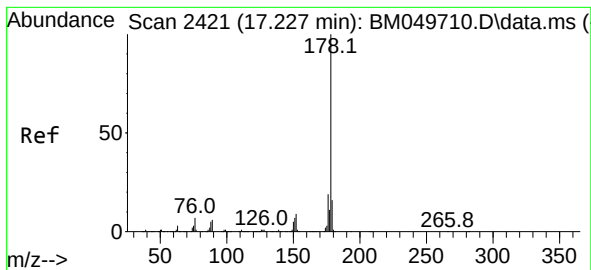
Ion Ratio Lower Upper

266 100

268 63.9 50.2 75.2

264 63.4 51.3 76.9





#71

Phenanthrene

Concen: 52.301 ng

RT: 17.210 min Scan# 2418

Delta R.T. -0.018 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

TP-4MSD

Tgt Ion:178 Resp: 354193

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

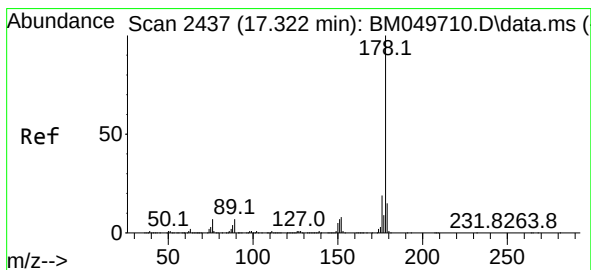
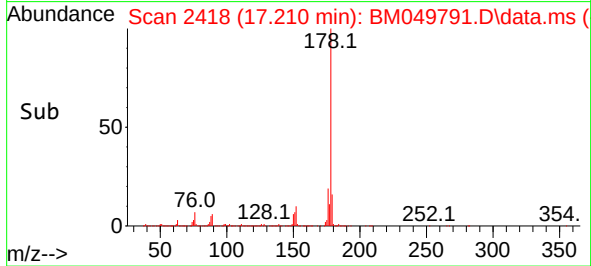
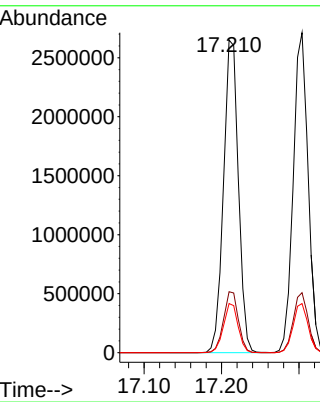
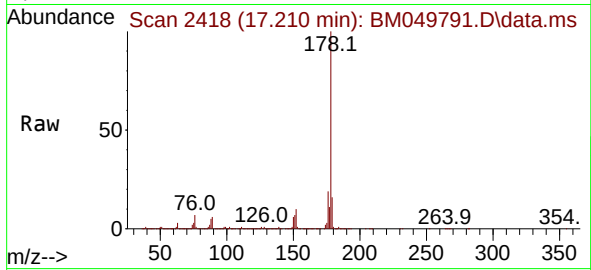
179 15.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#72

Anthracene

Concen: 55.254 ng

RT: 17.304 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

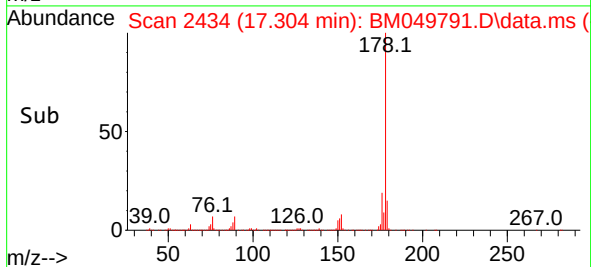
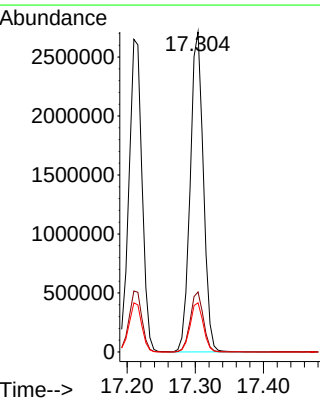
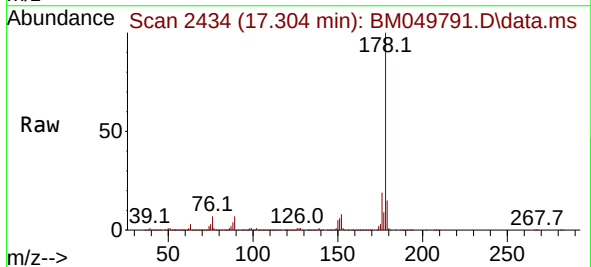
Tgt Ion:178 Resp: 3623871

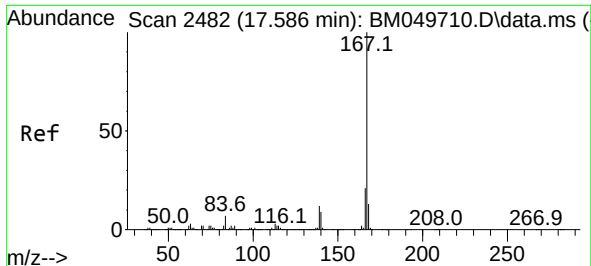
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

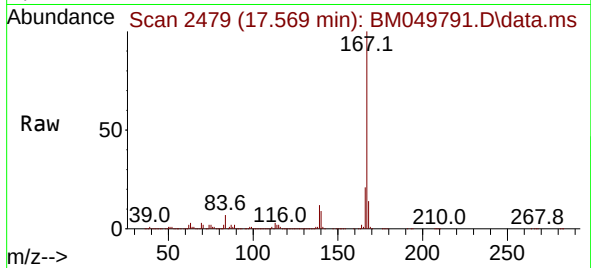
179 15.4 12.4 18.6





#73
 Carbazole
 Concen: 54.917 ng
 RT: 17.569 min Scan# 2482
 Delta R.T. -0.018 min
 Lab File: BM049791.D
 Acq: 02 Apr 2025 15:25

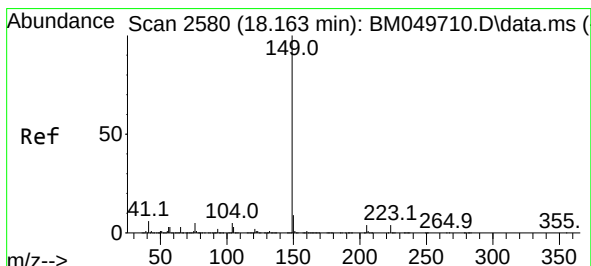
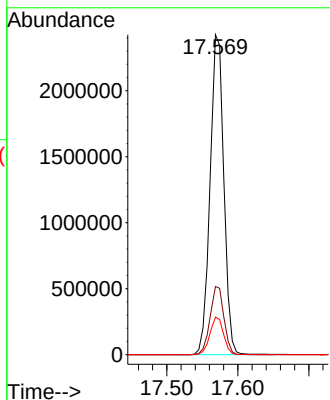
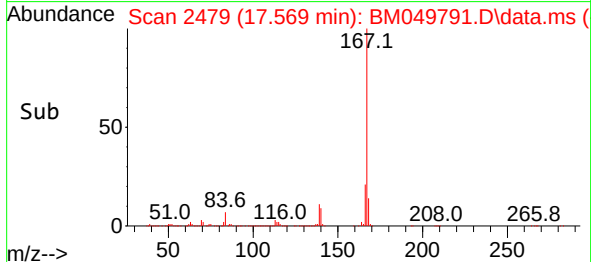
Instrument :
 BNA_M
 ClientSampleId :
 TP-4MSD



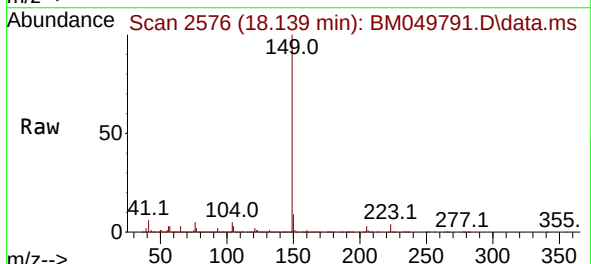
Tgt Ion:167 Resp: 3261915
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 11.7 9.4 14.2

Manual Integrations
 APPROVED

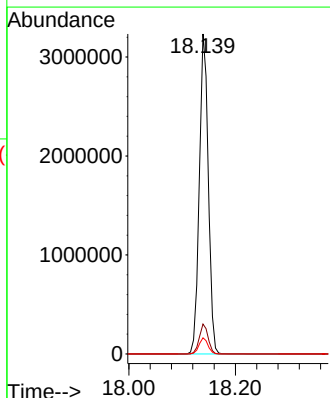
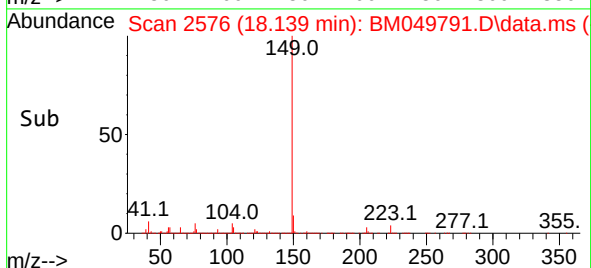
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

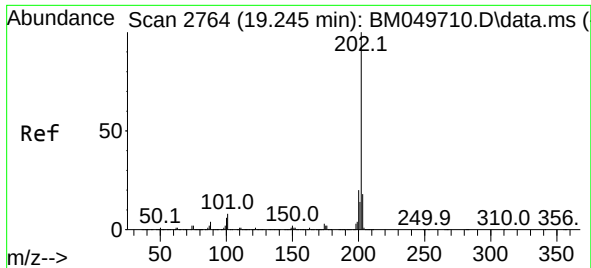


#74
 Di-n-butylphthalate
 Concen: 58.039 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.024 min
 Lab File: BM049791.D
 Acq: 02 Apr 2025 15:25



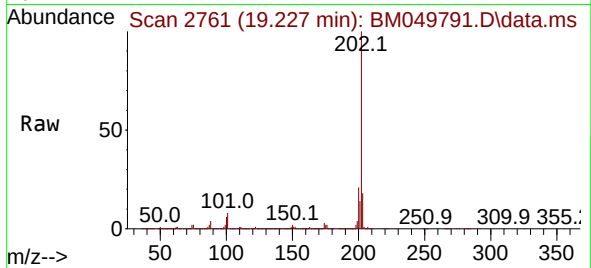
Tgt Ion:149 Resp: 3778400
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 56.367 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

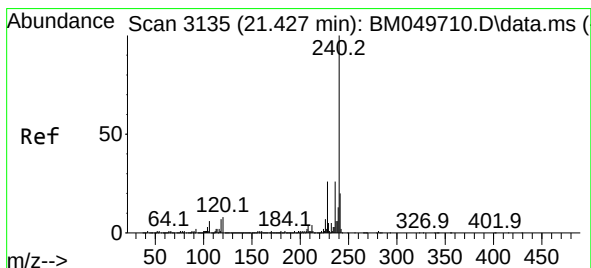
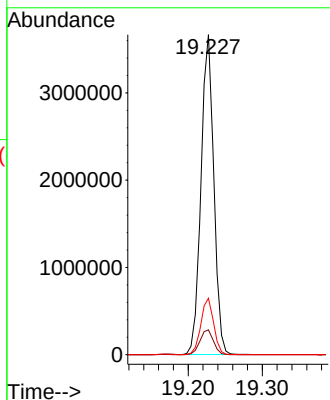
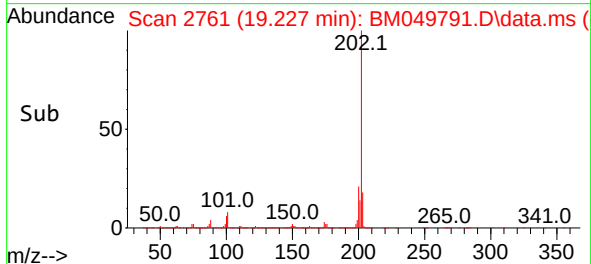
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:202 Resp: 4394849
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.8
203 17.6 0.0 37.6

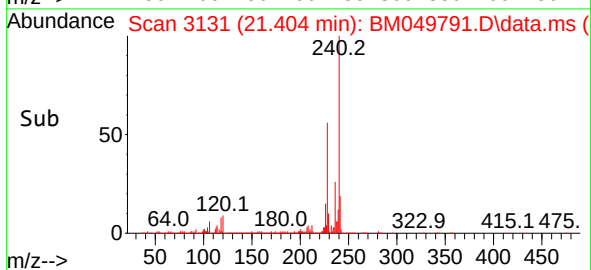
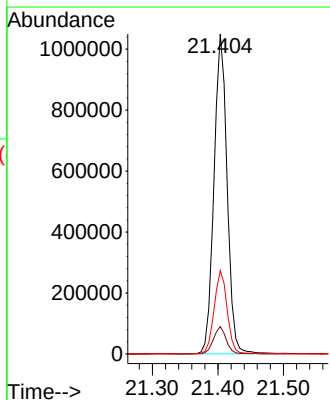
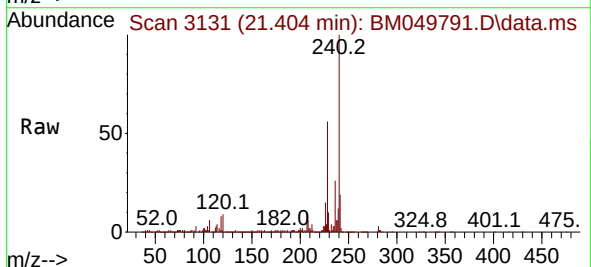
Manual Integrations
APPROVED

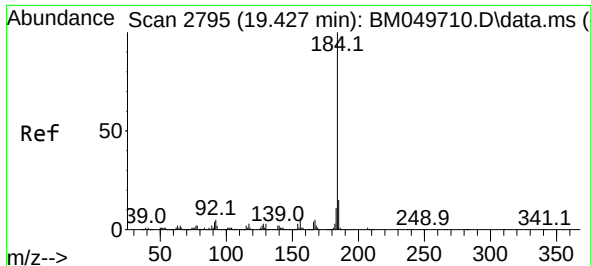
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

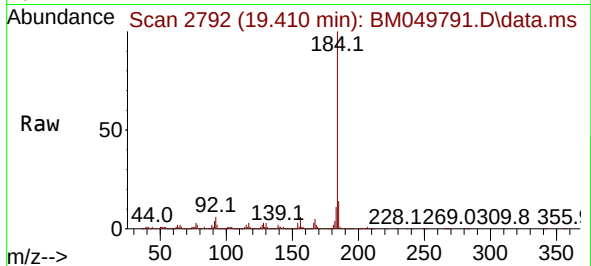
Tgt Ion:240 Resp: 1454052
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 26.1 20.7 31.1





#77
Benzidine
Concen: 113.853 ng
RT: 19.410 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

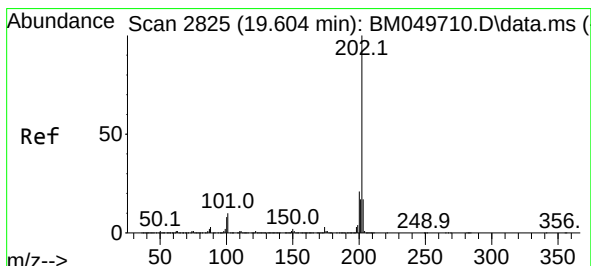
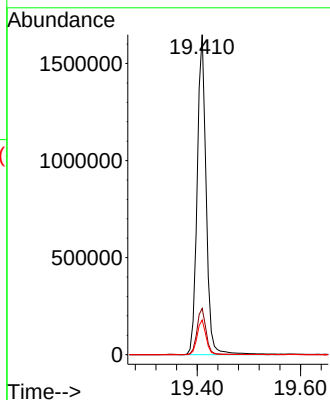
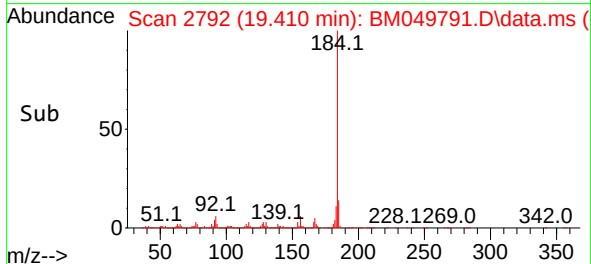
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:184 Resp: 1988888
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.9 8.8 13.2

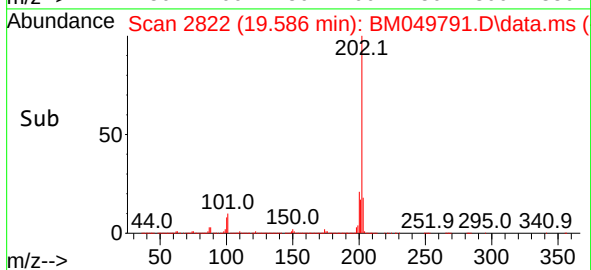
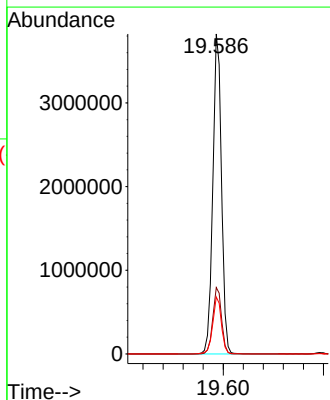
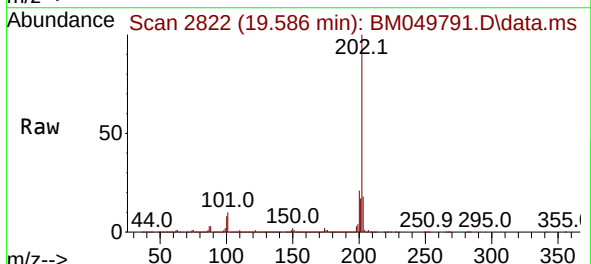
Manual Integrations
APPROVED

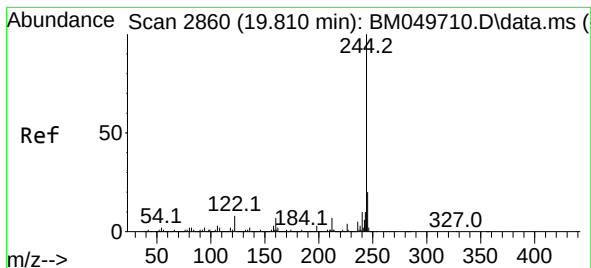
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#78
Pyrene
Concen: 45.004 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Tgt Ion:202 Resp: 4571851
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 64.803 ng

RT: 19.792 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

TP-4MSD

Tgt Ion:244 Resp: 5591659

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

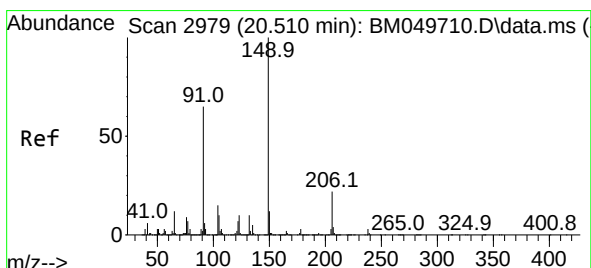
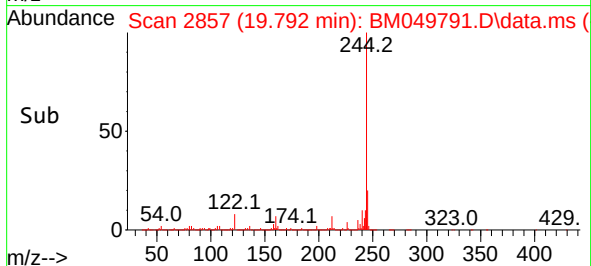
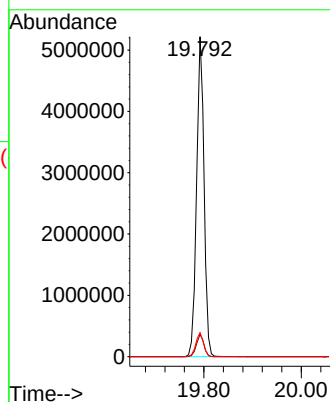
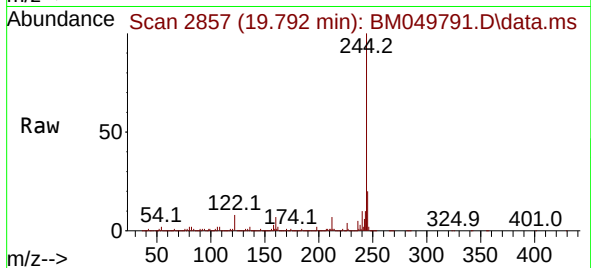
122 7.5 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#80

Butylbenzylphthalate

Concen: 52.658 ng

RT: 20.492 min Scan# 2976

Delta R.T. -0.018 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

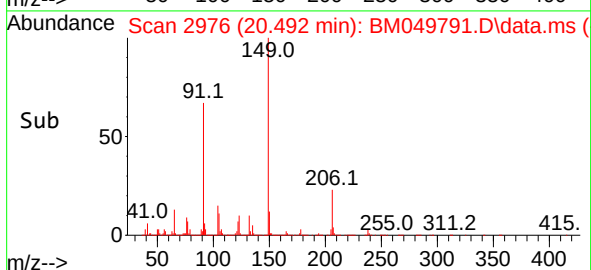
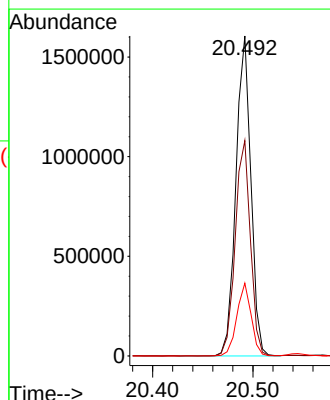
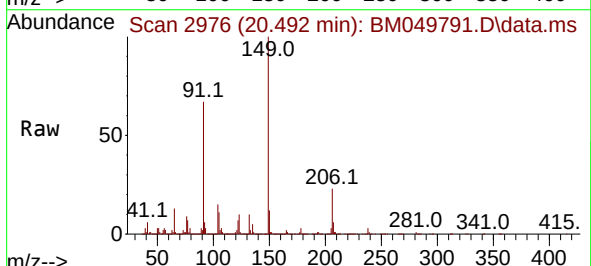
Tgt Ion:149 Resp: 1660124

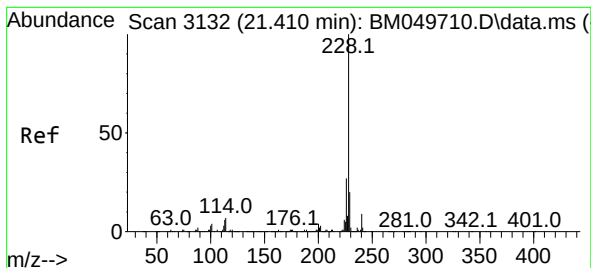
Ion Ratio Lower Upper

149 100

91 67.3 52.2 78.4

206 22.8 17.6 26.4





#81

Benzo(a)anthracene

Concen: 49.083 ng

RT: 21.386 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

TP-4MSD

Tgt Ion:228 Resp: 4767010

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

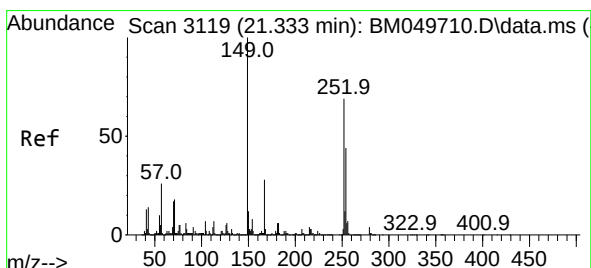
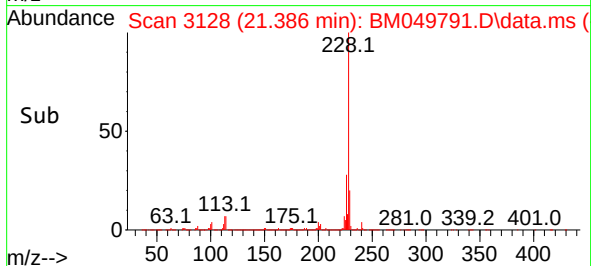
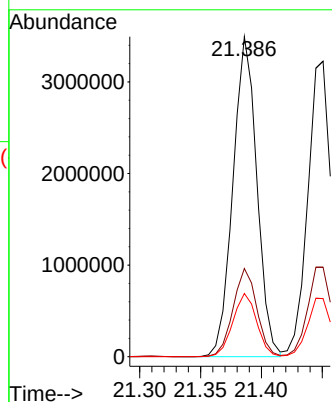
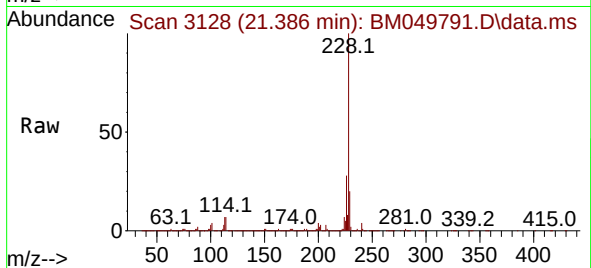
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#82

3,3'-Dichlorobenzidine

Concen: 18.154 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.024 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

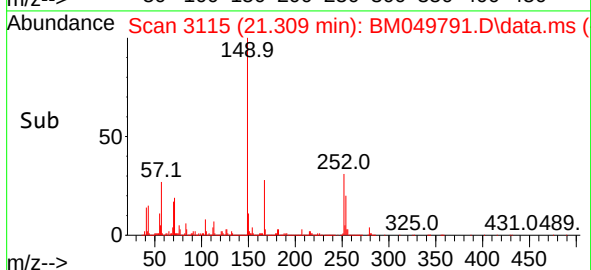
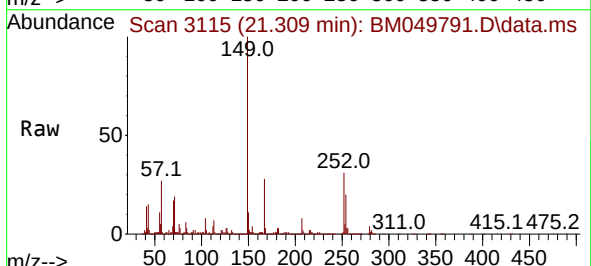
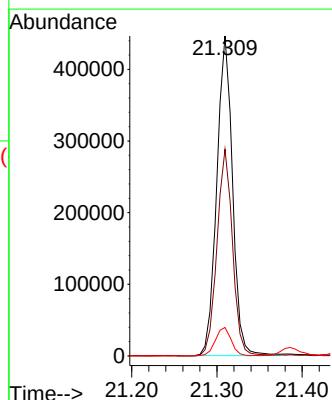
Tgt Ion:252 Resp: 574038

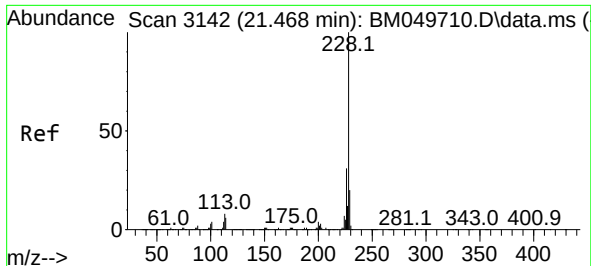
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

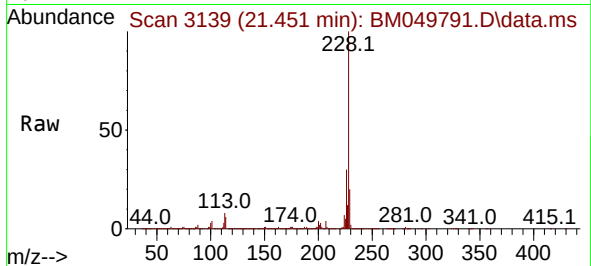
126 8.9 6.3 9.5





#83
Chrysene
Concen: 47.679 ng
RT: 21.451 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

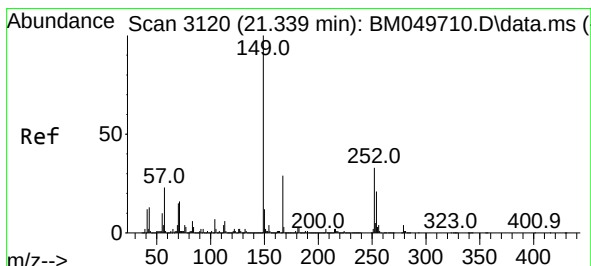
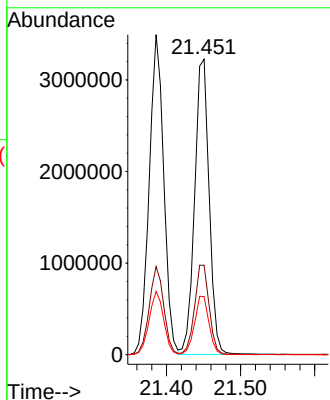
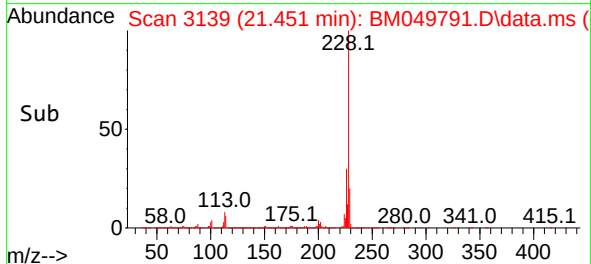
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



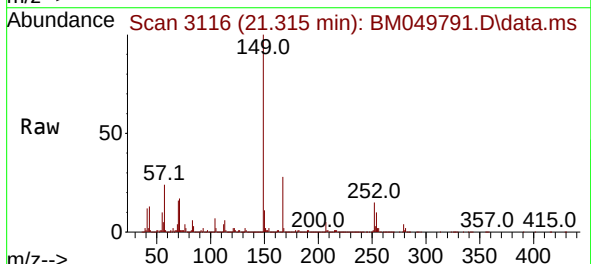
Tgt Ion:228 Resp: 4389580
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.7 15.8 23.6

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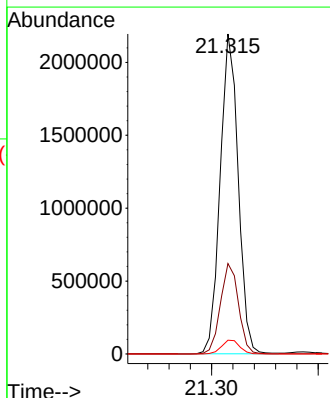
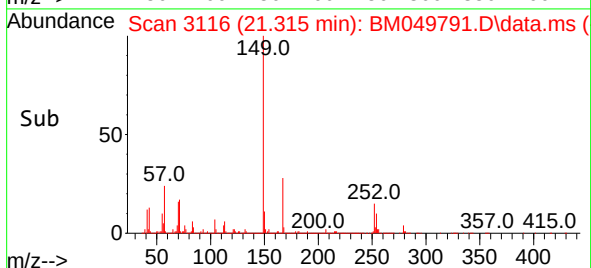
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

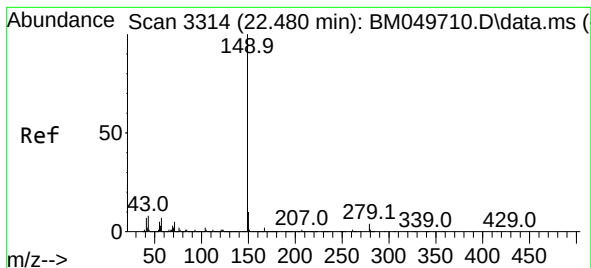


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.328 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.024 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



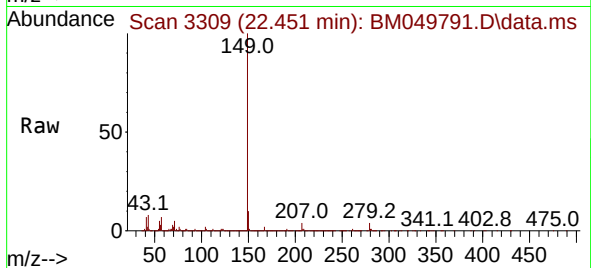
Tgt Ion:149 Resp: 2571056
Ion Ratio Lower Upper
149 100
167 28.3 22.9 34.3
279 4.3 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 54.290 ng
RT: 22.451 min Scan# 31
Delta R.T. -0.029 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

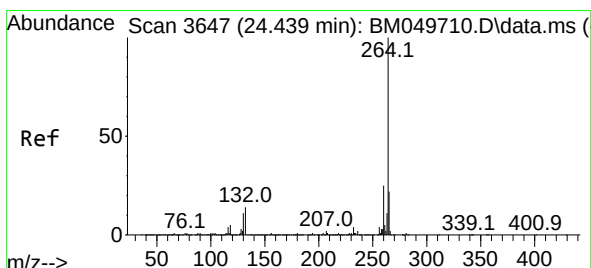
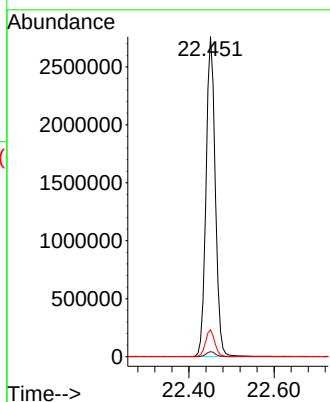
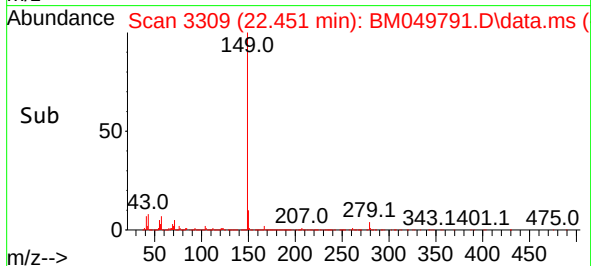
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:149 Resp: 4145890
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.8 10.2

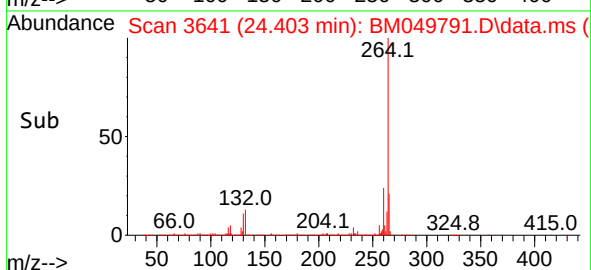
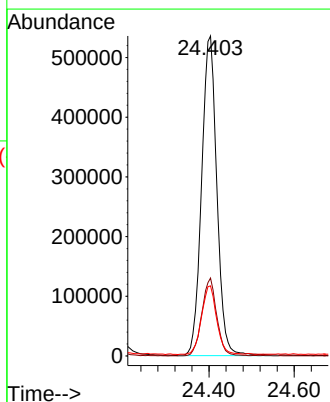
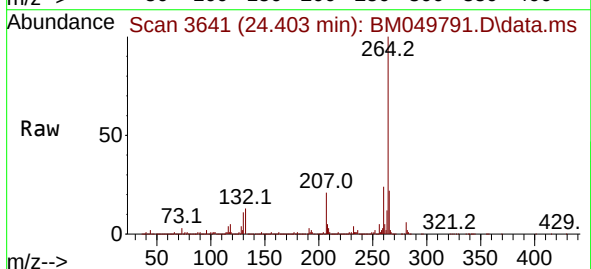
Manual Integrations
APPROVED

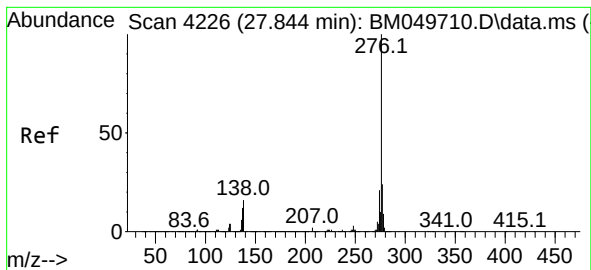
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.035 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

Tgt Ion:264 Resp: 1330003
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.9 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.557 ng

RT: 27.791 min Scan# 41

Delta R.T. -0.053 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

TP-4MSD

Tgt Ion:276 Resp: 503115

Ion Ratio Lower Upper

276 100

138 20.5 16.3 24.5

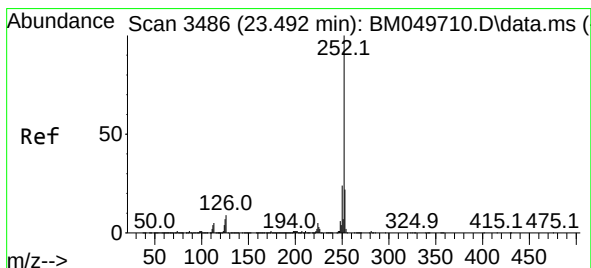
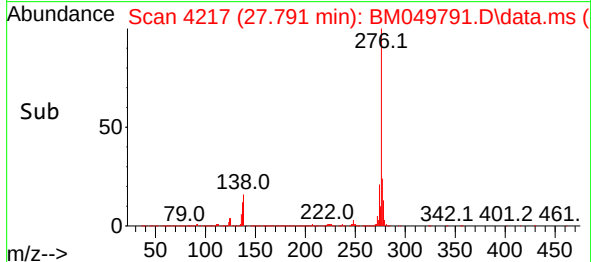
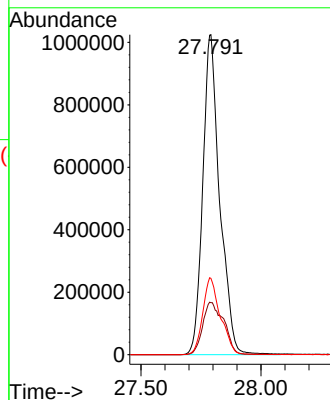
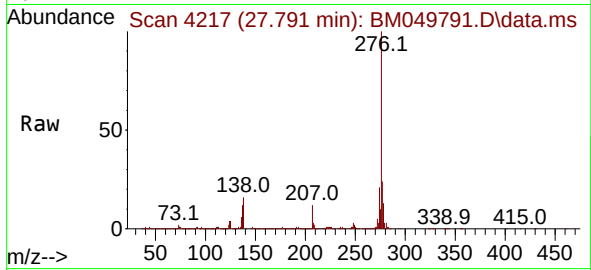
277 25.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#88

Benzo(b)fluoranthene

Concen: 48.778 ng

RT: 23.456 min Scan# 3480

Delta R.T. -0.035 min

Lab File: BM049791.D

Acq: 02 Apr 2025 15:25

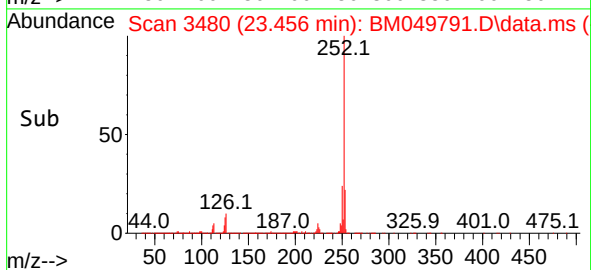
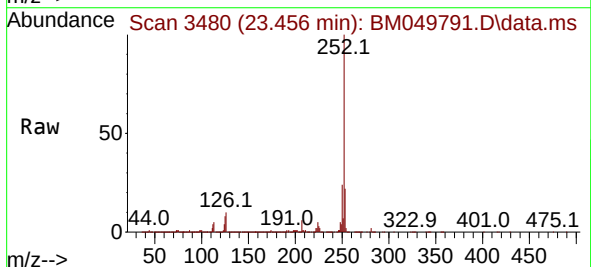
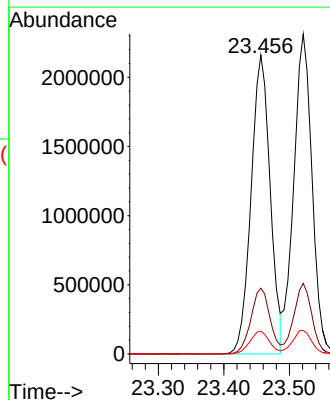
Tgt Ion:252 Resp: 4369536

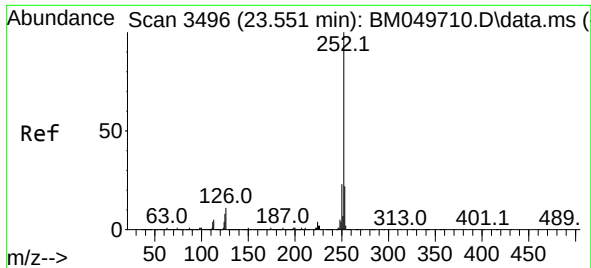
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

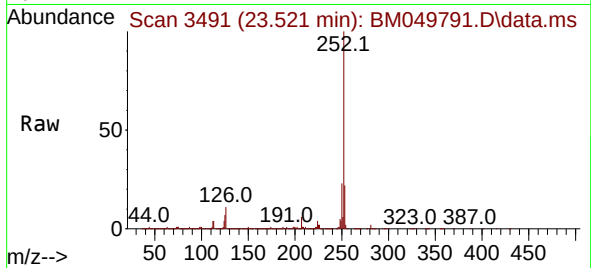
125 7.7 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 50.986 ng
RT: 23.521 min Scan# 3496
Delta R.T. -0.030 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

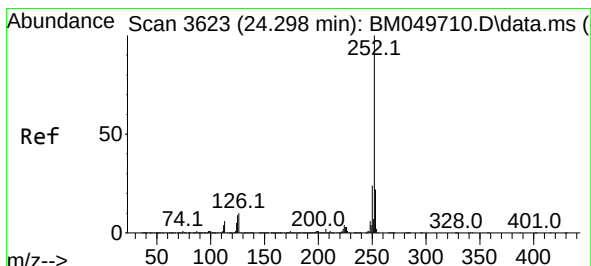
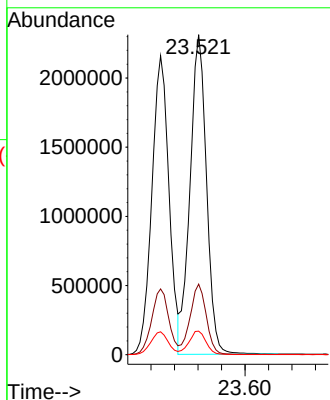
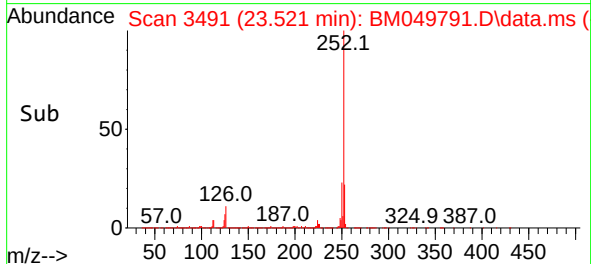
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



Tgt Ion:252 Resp: 449420
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.3 6.2 9.2

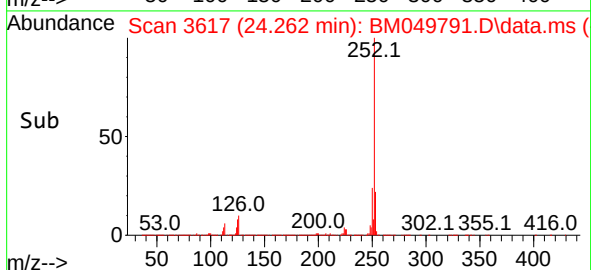
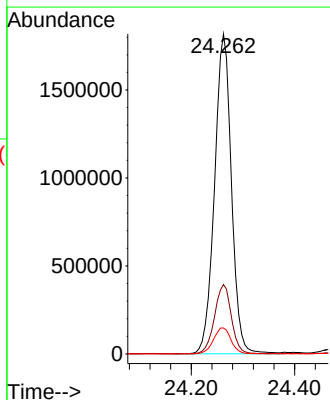
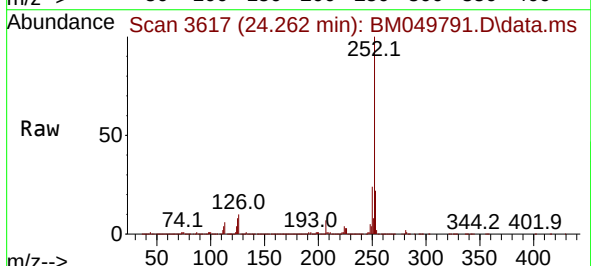
Manual Integrations
APPROVED

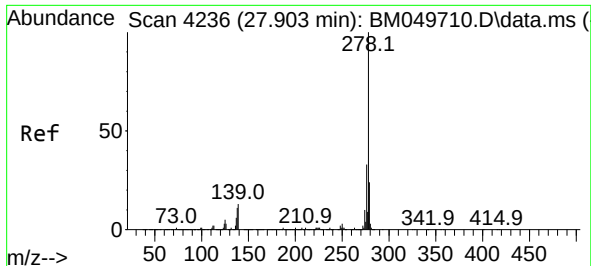
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#90
Benzo(a)pyrene
Concen: 54.700 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.035 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

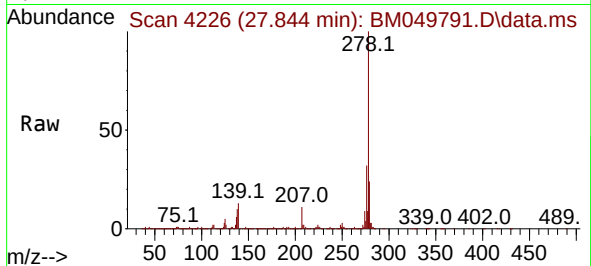
Tgt Ion:252 Resp: 4115840
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.1 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 51.631 ng
RT: 27.844 min Scan# 41
Delta R.T. -0.059 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25

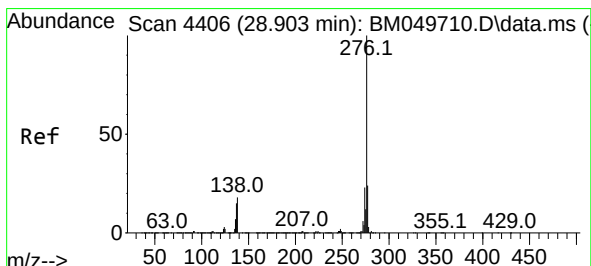
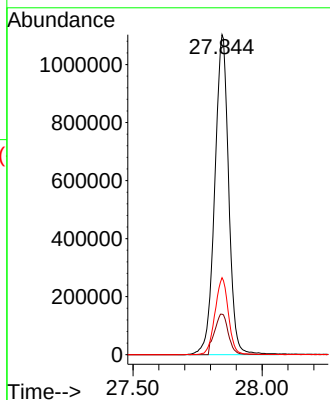
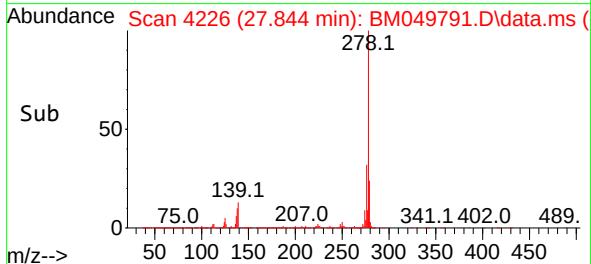
Instrument :
BNA_M
ClientSampleId :
TP-4MSD



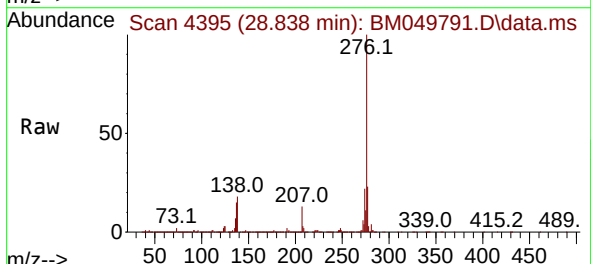
Tgt Ion:278 Resp: 4117900
Ion Ratio Lower Upper
278 100
139 12.7 10.1 15.1
279 24.0 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#92
Benzo(g,h,i)perylene
Concen: 48.935 ng
RT: 28.838 min Scan# 4395
Delta R.T. -0.065 min
Lab File: BM049791.D
Acq: 02 Apr 2025 15:25



Tgt Ion:276 Resp: 3931300
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 18.0 14.0 21.0

