

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
 Data File : BM049790.D
 Acq On : 02 Apr 2025 14:46
 Operator : RC/JU
 Sample : Q1680-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 15:42:11 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	288430	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1028189	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	666035	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1326774	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1504663	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1365704	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1872654	109.551	ng	-0.02
7) Phenol-d6	6.963	99	2380044	110.948	ng	-0.02
23) Nitrobenzene-d5	8.945	82	1385182	69.168	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	997695	128.283	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3466144	65.176	ng	-0.02
79) Terphenyl-d14	19.792	244	5835594	65.355	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	319167	43.131	ng	100
3) Pyridine	3.669	79	885235	46.842	ng	98
4) n-Nitrosodimethylamine	3.575	42	398297	47.632	ng	98
6) Aniline	7.110	93	548576	30.524	ng	98
8) 2-Chlorophenol	7.351	128	891169	52.645	ng	98
9) Benzaldehyde	6.922	77	572759	54.008	ng	99
10) Phenol	6.987	94	1136237	54.625	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	852265	50.597	ng	99
12) 1,3-Dichlorobenzene	7.675	146	1015722	49.374	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1022483	49.268	ng	99
14) 1,2-Dichlorobenzene	8.140	146	981883	49.782	ng	99
15) Benzyl Alcohol	8.028	79	754851	56.072	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1089174m	55.016	ng	
17) 2-Methylphenol	8.234	107	708517	57.373	ng	98
18) Hexachloroethane	8.869	117	367209	50.104	ng	93
19) n-Nitroso-di-n-propyla...	8.598	70	688211	55.326	ng	99
20) 3+4-Methylphenols	8.563	107	955691	57.747	ng	100
22) Acetophenone	8.610	105	1304291	49.198	ng	100
24) Nitrobenzene	8.987	77	954851	50.566	ng	99
25) Isophorone	9.516	82	1765566	57.421	ng	99
26) 2-Nitrophenol	9.692	139	429607	53.452	ng	97
27) 2,4-Dimethylphenol	9.763	122	764784	74.756	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1121010	51.764	ng	98
29) 2,4-Dichlorophenol	10.234	162	889779	53.376	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	996603	47.783	ng	99
31) Naphthalene	10.633	128	2529046	47.835	ng	100
32) Benzoic acid	9.898	122	520936m	59.874	ng	
33) 4-Chloroaniline	10.739	127	232890	12.907	ng	98
34) Hexachlorobutadiene	10.928	225	619997	48.153	ng	99
35) Caprolactam	11.522	113	230576m	59.576	ng	
36) 4-Chloro-3-methylphenol	11.875	107	812416	56.789	ng	99
37) 2-Methylnaphthalene	12.245	142	1681703	45.489	ng	99
38) 1-Methylnaphthalene	12.469	142	1764234	49.463	ng	100
40) 1,2,4,5-Tetrachloroben...	12.616	216	1207860	49.371	ng	98
41) Hexachlorocyclopentadiene	12.604	237	1679836	185.343	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	738316	53.884	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	809938	54.168	ng	99
46) 1,1'-Biphenyl	13.263	154	2487540	48.460	ng	100
47) 2-Chloronaphthalene	13.304	162	1946566	48.719	ng	99
48) 2-Nitroaniline	13.504	65	513127	57.209	ng	99
49) Acenaphthylene	14.151	152	3056405	54.727	ng	100
50) Dimethylphthalate	13.892	163	2388887	52.095	ng	100
51) 2,6-Dinitrotoluene	13.998	165	493122	53.669	ng	97
52) Acenaphthene	14.492	154	1806556	49.315	ng	99
53) 3-Nitroaniline	14.327	138	139590	15.965	ng	98
54) 2,4-Dinitrophenol	14.533	184	596782	94.884	ng	98
55) Dibenzofuran	14.827	168	2919212	47.823	ng	100
56) 4-Nitrophenol	14.645	139	925835	121.647	ng	99
57) 2,4-Dinitrotoluene	14.786	165	699485	59.162	ng	97
58) Fluorene	15.480	166	2581609	51.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	679910	54.323	ng	99
60) Diethylphthalate	15.257	149	2272395	52.616	ng	100
61) 4-Chlorophenyl-phenyle...	15.474	204	1397542	51.495	ng	97
62) 4-Nitroaniline	15.492	138	485176	46.744	ng	100
63) Azobenzene	15.763	77	2245128	54.424	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	372846	50.880	ng	92
66) n-Nitrosodiphenylamine	15.686	169	2043931	50.846	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	773859	50.518	ng	98
68) Hexachlorobenzene	16.480	284	867459	50.358	ng	99
69) Atrazine	16.639	200	732011	82.628	ng	99
70) Pentachlorophenol	16.821	266	1291634	119.317	ng	99
71) Phenanthrene	17.210	178	3808506	51.695	ng	100
72) Anthracene	17.304	178	3889796	54.518	ng	100
73) Carbazole	17.568	167	3449972	53.392	ng	100
74) Di-n-butylphthalate	18.139	149	4063357	57.375	ng	99
75) Fluoranthene	19.227	202	4653393	54.863	ng	100
77) Benzidine	19.409	184	2044623	113.106	ng	99
78) Pyrene	19.586	202	4837699	46.019	ng	100
80) Butylbenzylphthalate	20.492	149	1725264	52.883	ng	97
81) Benzo(a)anthracene	21.386	228	4863148	48.389	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	592681	18.113	ng	99
83) Chrysene	21.450	228	4537084	47.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	2660108	52.320	ng	100
85) Di-n-octyl phthalate	22.450	149	4180859	52.906	ng	100
87) Indeno(1,2,3-cd)pyrene	27.785	276	5162214	52.516	ng	100
88) Benzo(b)fluoranthene	23.456	252	4390404	47.730	ng	99
89) Benzo(k)fluoranthene	23.521	252	4499534	49.712	ng	99
90) Benzo(a)pyrene	24.262	252	4154634	53.772	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	4228197	51.628	ng	99
92) Benzo(g,h,i)perylene	28.838	276	4076988	49.422	ng	99

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

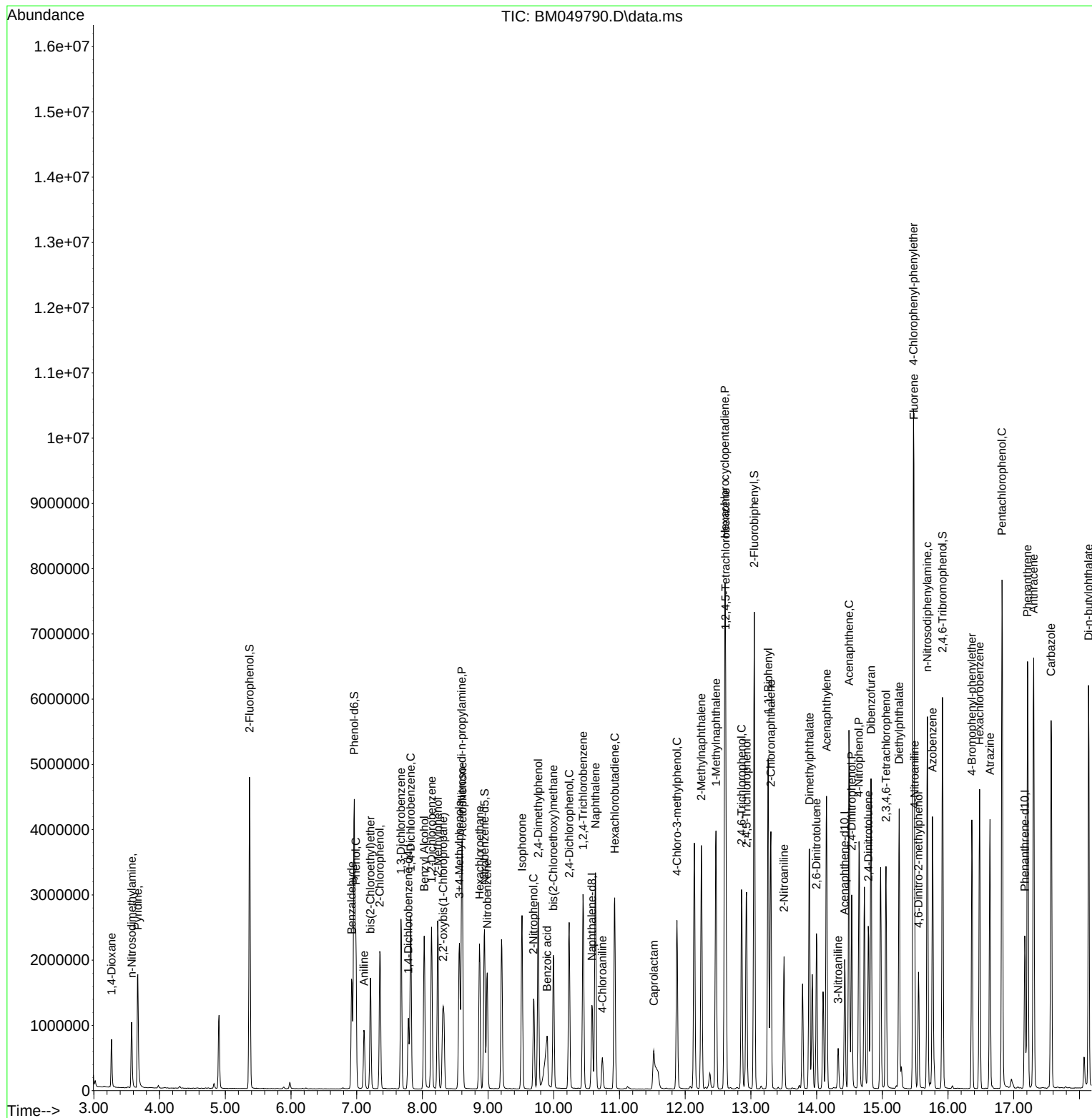
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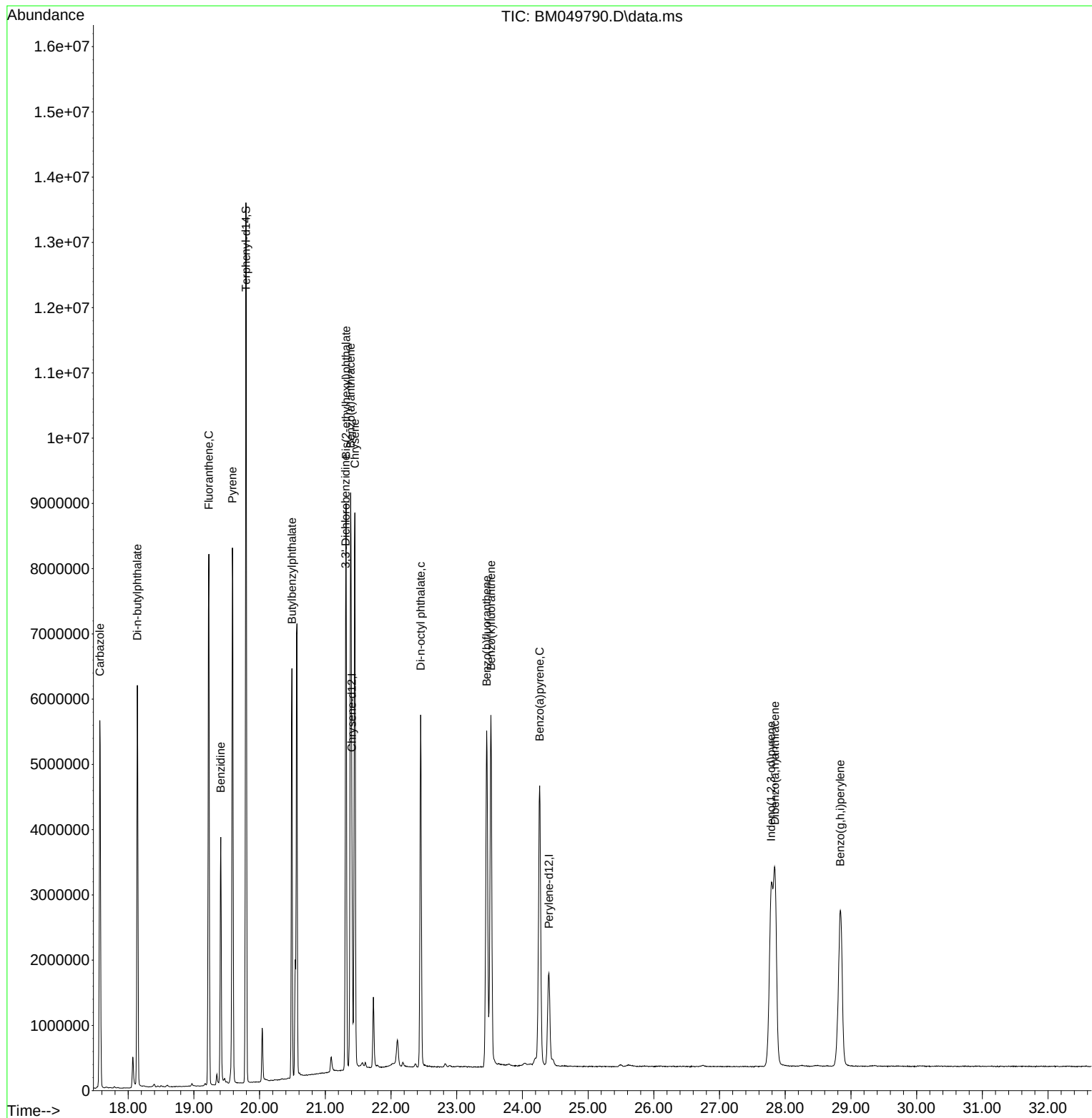
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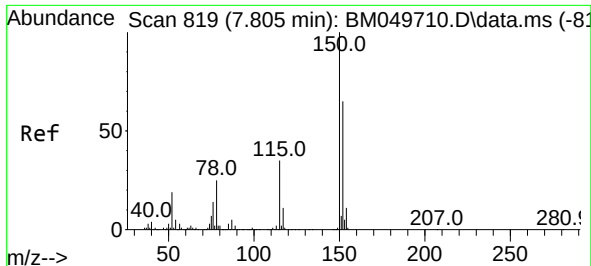
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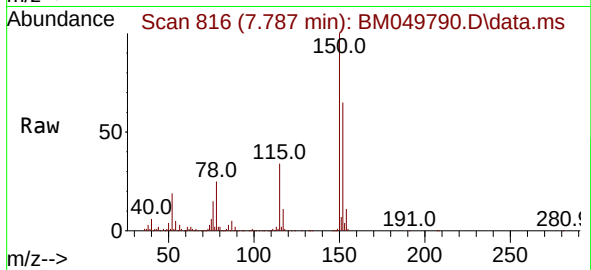
Reviewed By :Anahy Claudio 04/03/2025
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049790.D
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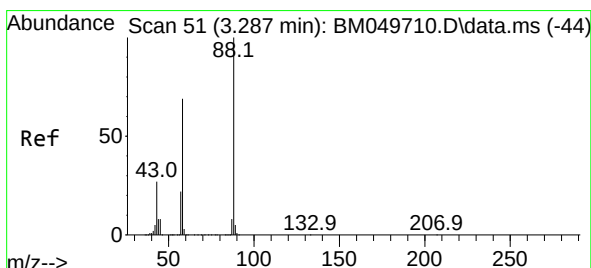
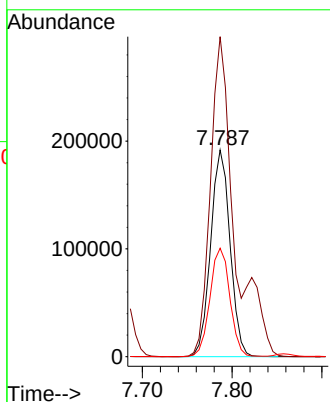
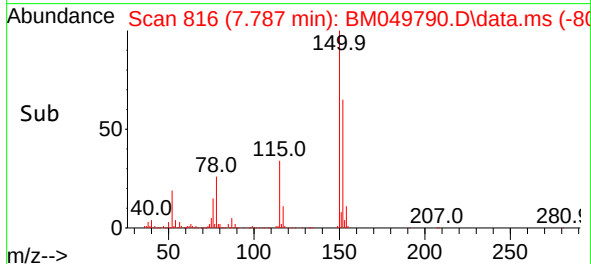
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion: 152 Resp: 288430
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.8
115 52.5 43.0 64.6

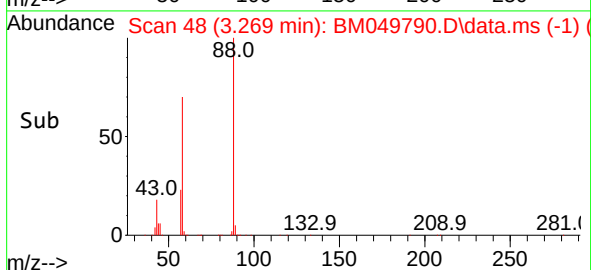
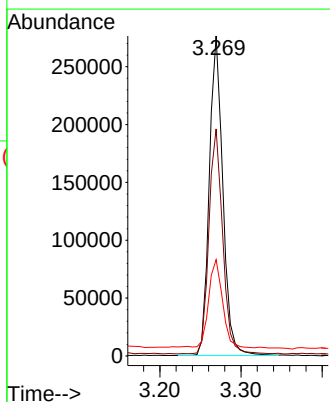
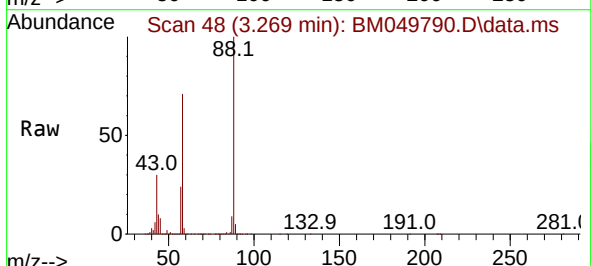
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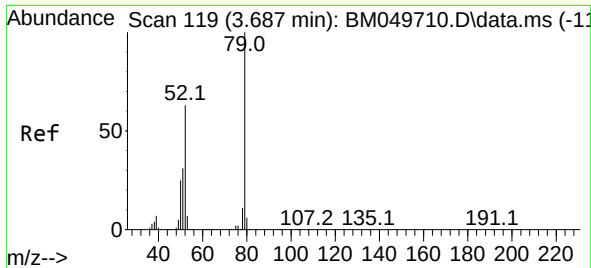
Reviewed By :Anahy Claudio 04/03/2025
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#2
1,4-Dioxane
Concen: 43.131 ng
RT: 3.269 min Scan# 48
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

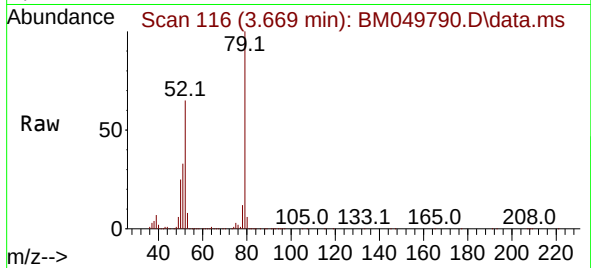
Tgt Ion: 88 Resp: 319167
Ion Ratio Lower Upper
88 100
58 71.4 56.7 85.1
43 28.2 22.6 34.0





#3
Pyridine
Concen: 46.842 ng
RT: 3.669 min Scan# 119
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

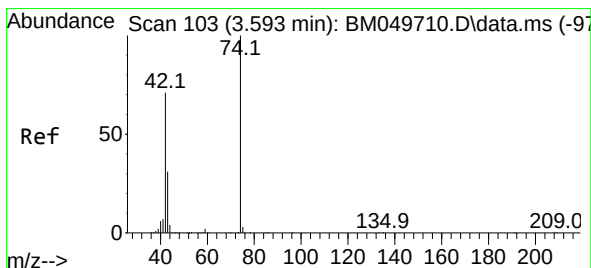
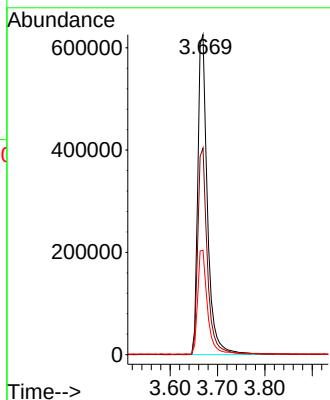
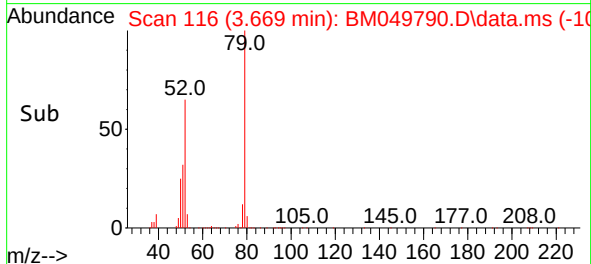
Instrument :
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Tgt Ion: 79 Resp: 885235
Ion Ratio Lower Upper
79 100
52 64.6 50.1 75.1
51 32.6 25.2 37.8

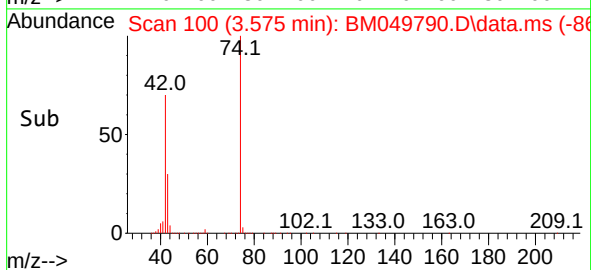
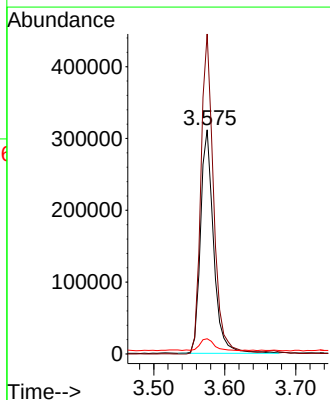
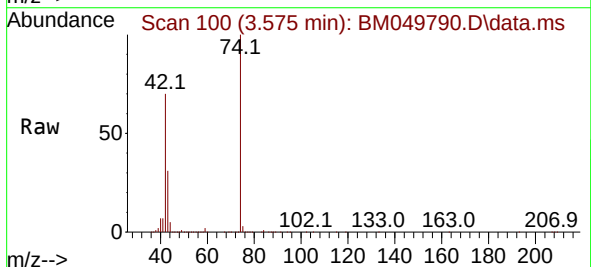
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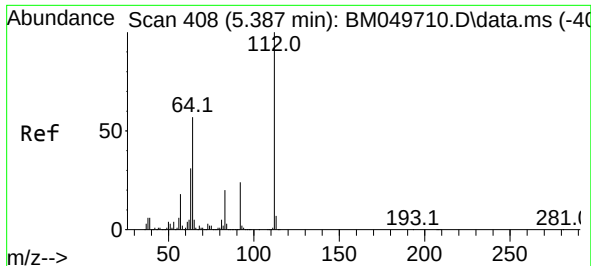
Reviewed By :Anahy Claudio 04/03/2025
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#4
n-Nitrosodimethylamine
Concen: 47.632 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

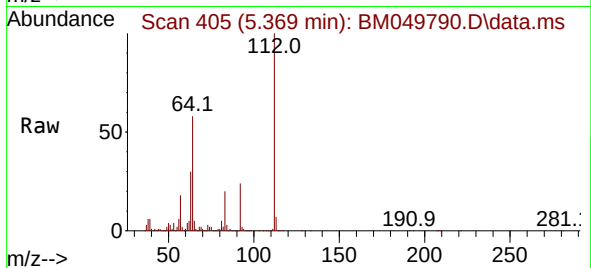
Tgt Ion: 42 Resp: 398297
Ion Ratio Lower Upper
42 100
74 142.8 112.6 168.8
44 6.8 5.0 7.6





#5
2-Fluorophenol
Concen: 109.551 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

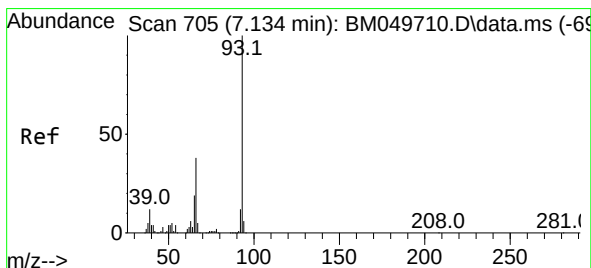
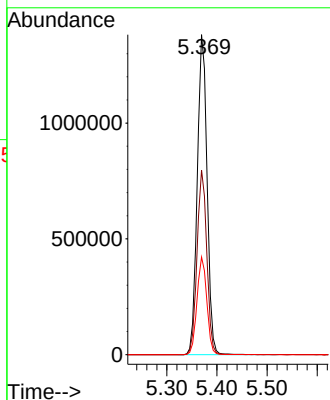
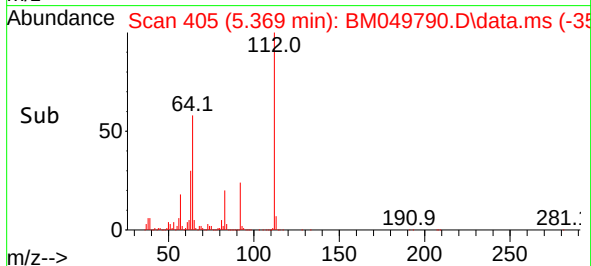
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion: 112 Resp: 1872654
Ion Ratio Lower Upper
112 100
64 57.7 45.3 67.9
63 30.5 24.4 36.6

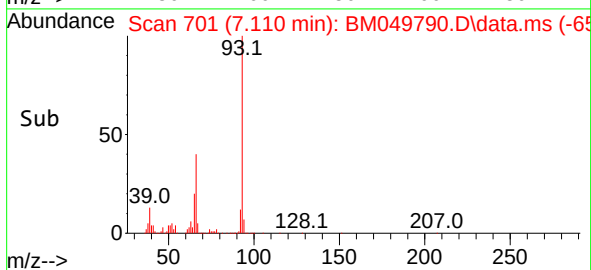
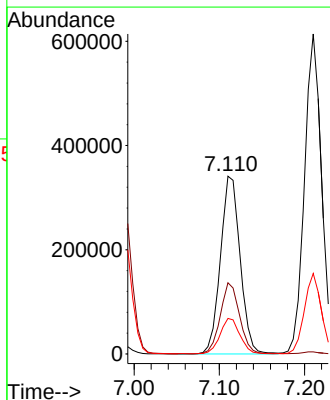
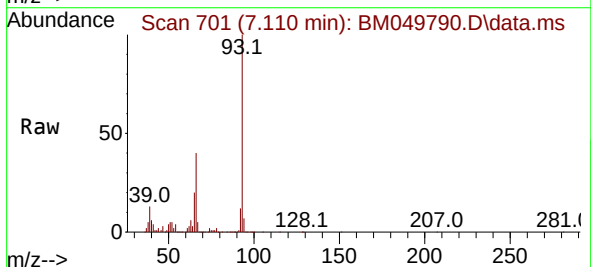
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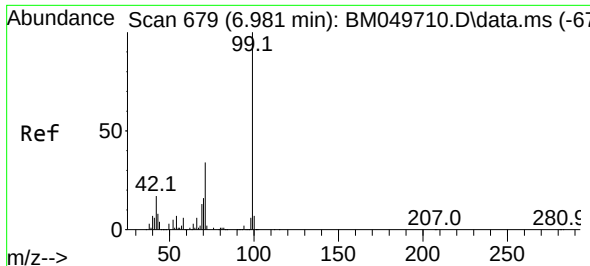
Reviewed By :Anahy Claudio 04/03/2025
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#6
Aniline
Concen: 30.524 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
Lab File: BM049790.D
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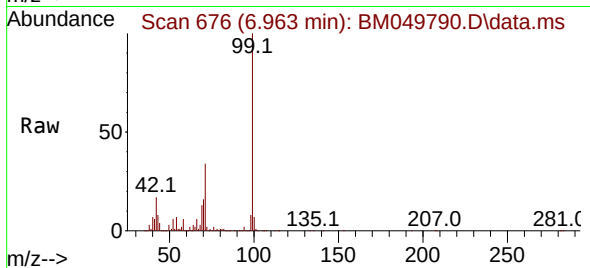
Tgt Ion: 93 Resp: 548576
Ion Ratio Lower Upper
93 100
66 40.1 30.6 46.0
65 19.9 15.4 23.2





#7
Phenol-d6
Concen: 110.948 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

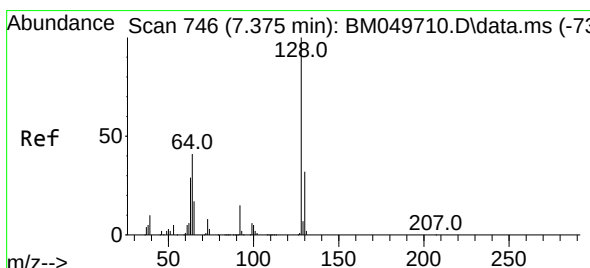
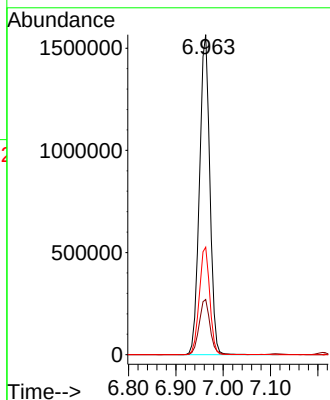
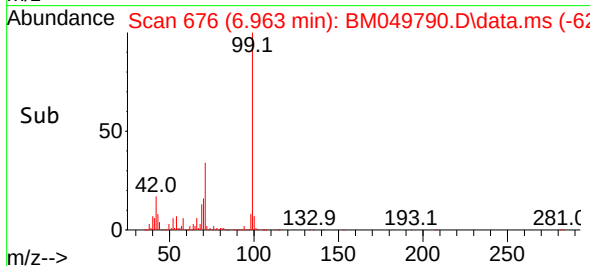
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 99 Resp: 238004
Ion Ratio Lower Upper
99 100
42 17.2 13.6 20.4
71 33.6 27.0 40.6

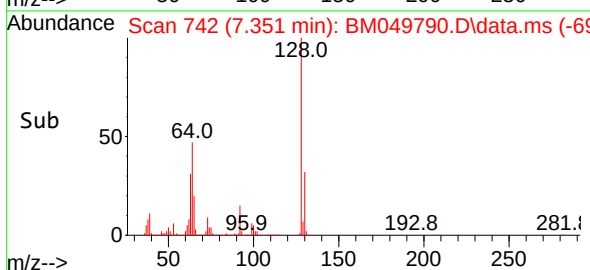
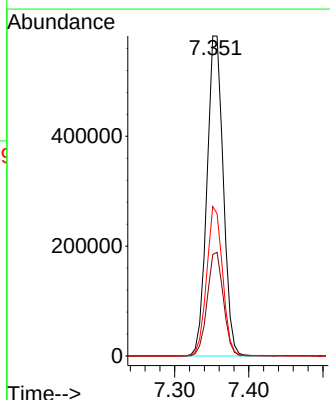
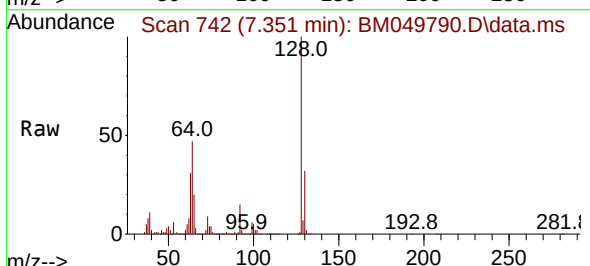
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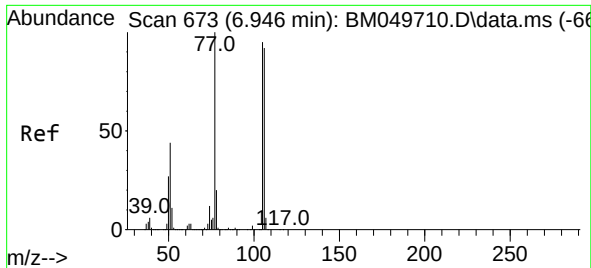
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#8
2-Chlorophenol
Concen: 52.645 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
Lab File: BM049790.D
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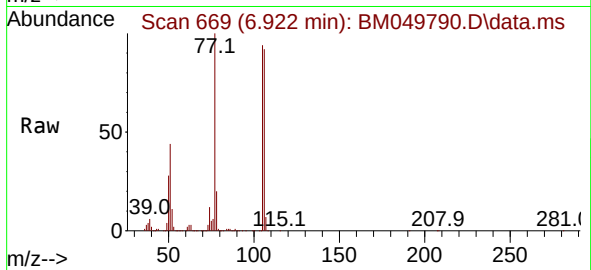
Tgt Ion:128 Resp: 891169
Ion Ratio Lower Upper
128 100
130 31.7 12.5 52.5
64 46.7 24.9 64.9





#9
Benzaldehyde
Concen: 54.008 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.024 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

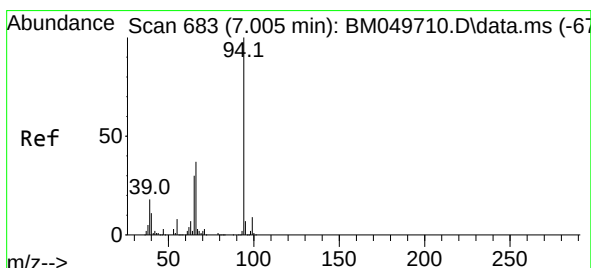
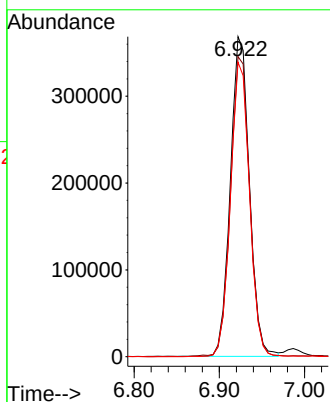
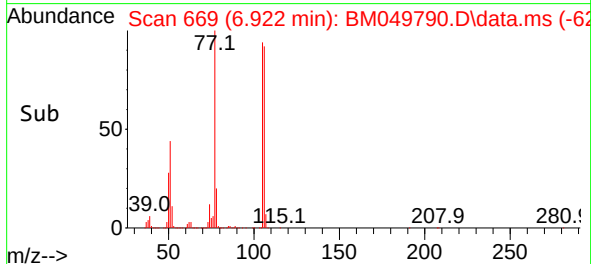
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion: 77 Resp: 572759
Ion Ratio Lower Upper
77 100
105 93.8 75.0 115.0
106 92.0 72.3 112.3

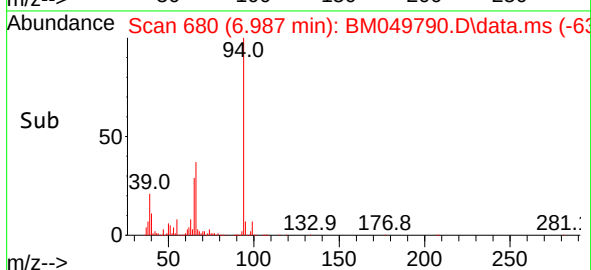
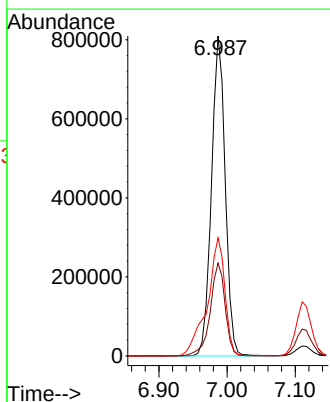
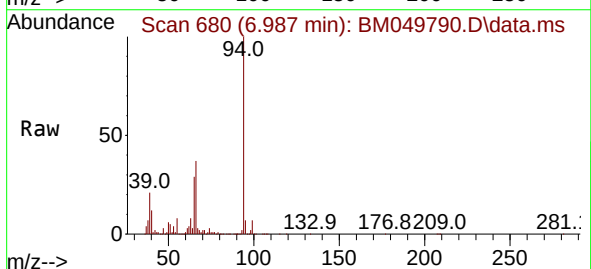
Manual Integrations
APPROVED

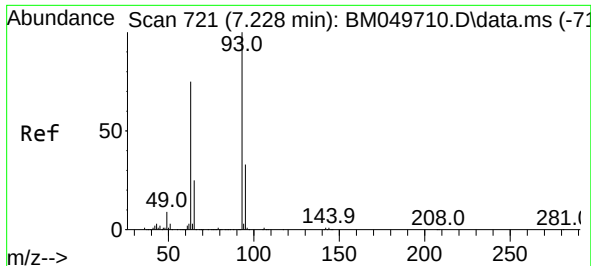
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#10
Phenol
Concen: 54.625 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

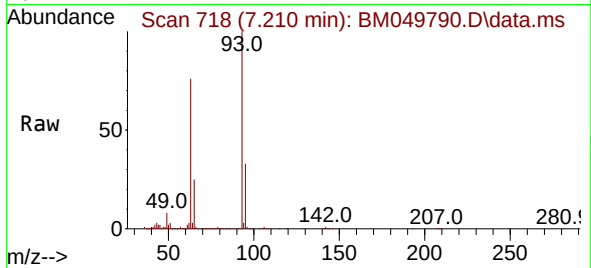
Tgt Ion: 94 Resp: 1136237
Ion Ratio Lower Upper
94 100
65 29.0 10.4 50.4
66 36.9 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 50.597 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

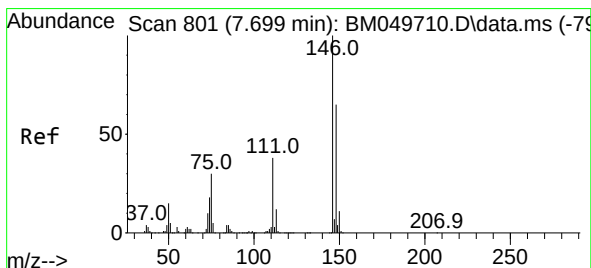
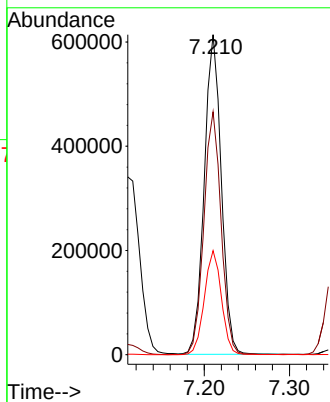
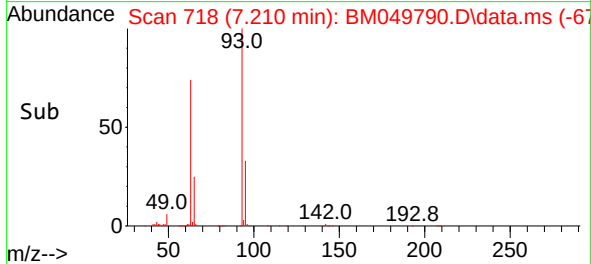
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion: 93 Resp: 85226
Ion Ratio Lower Upper
93 100
63 75.9 54.8 94.8
95 32.5 12.8 52.8

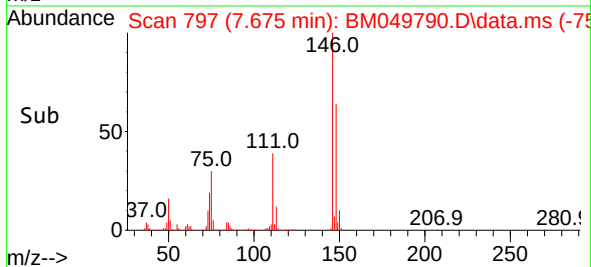
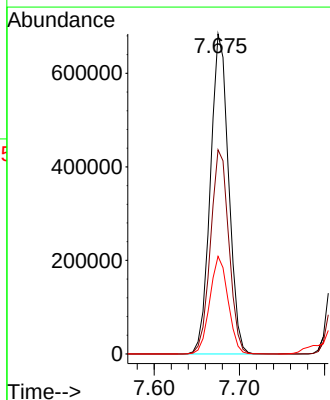
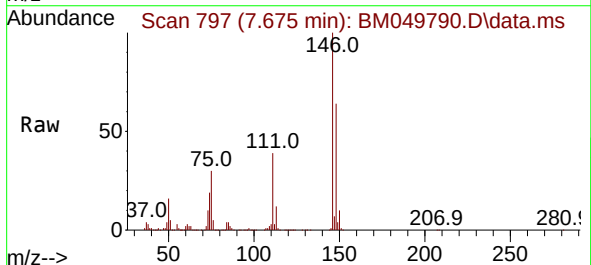
Manual Integrations
APPROVED

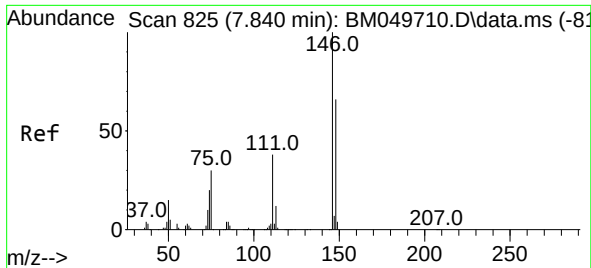
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#12
1,3-Dichlorobenzene
Concen: 49.374 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

Tgt Ion:146 Resp: 1015722
Ion Ratio Lower Upper
146 100
148 63.8 52.3 78.5
75 30.5 24.2 36.2





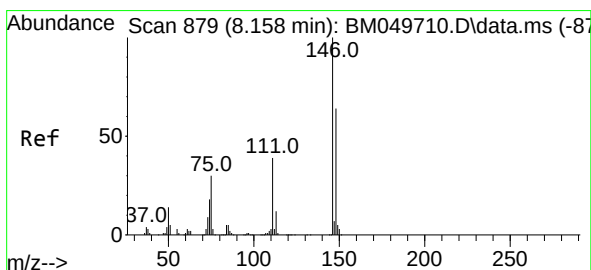
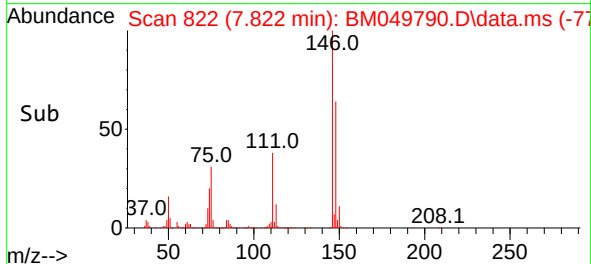
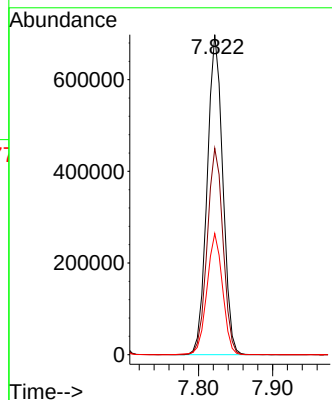
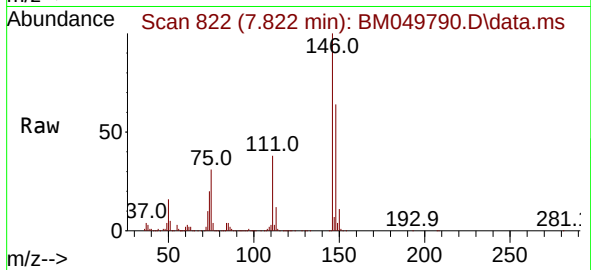
#13
1,4-Dichlorobenzene
Concen: 49.268 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

Instrument :
BNA_M
ClientSampleId :
TP-4MS

Tgt Ion:146 Resp: 102248
Ion Ratio Lower Upper
146 100
148 64.5 52.6 79.0
111 37.9 30.8 46.2

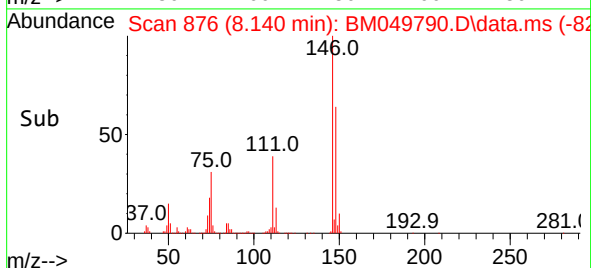
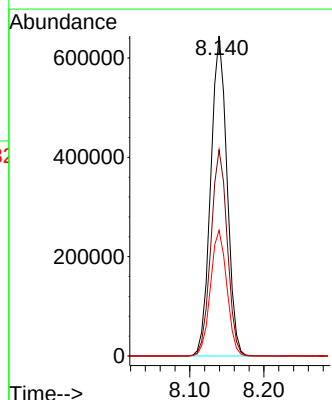
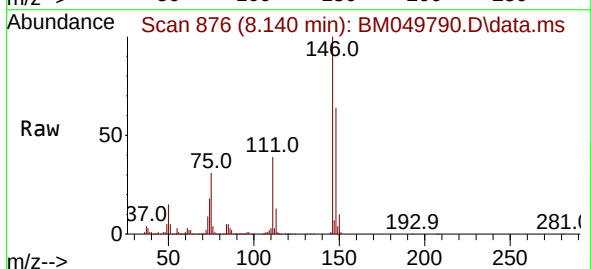
Manual Integrations
APPROVED

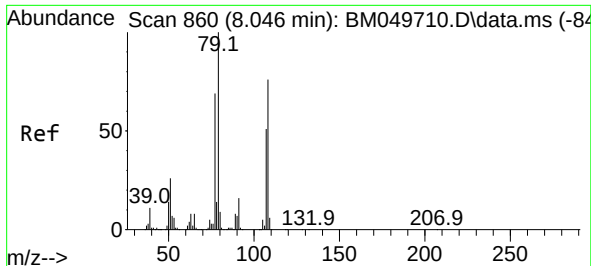
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#14
1,2-Dichlorobenzene
Concen: 49.782 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

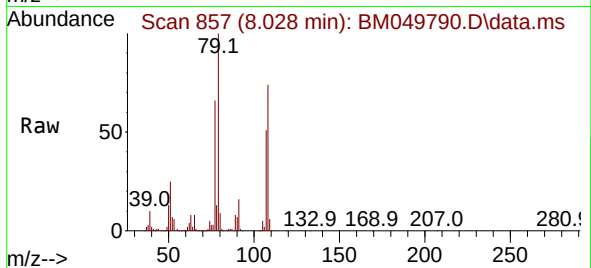
Tgt Ion:146 Resp: 981883
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 39.2 31.0 46.6





#15
Benzyl Alcohol
Concen: 56.072 ng
RT: 8.028 min Scan# 80
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

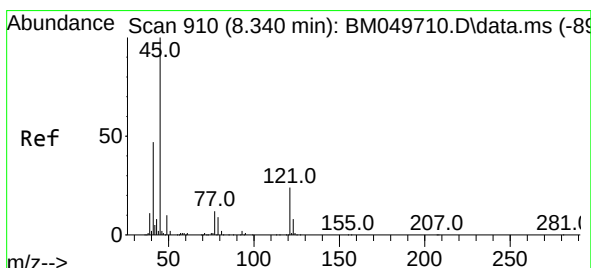
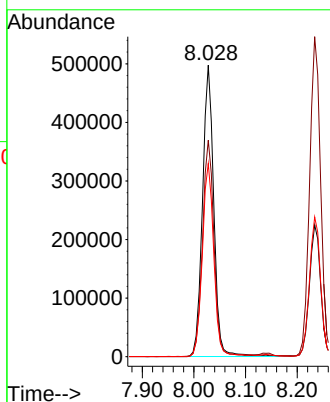
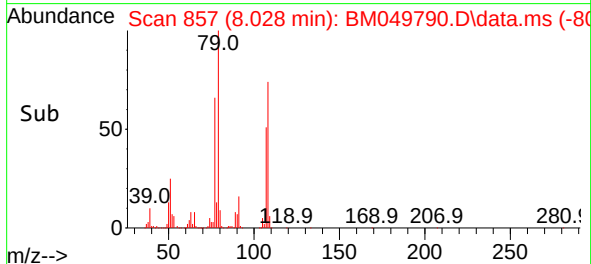
Instrument :
BNA_M
ClientSampleId :
TP-4MS



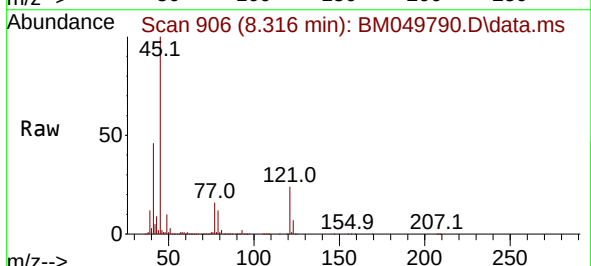
Tgt Ion: 79 Resp: 75485
Ion Ratio Lower Upper
79 100
108 74.2 60.7 91.1
77 66.2 55.4 83.2

Manual Integrations
APPROVED

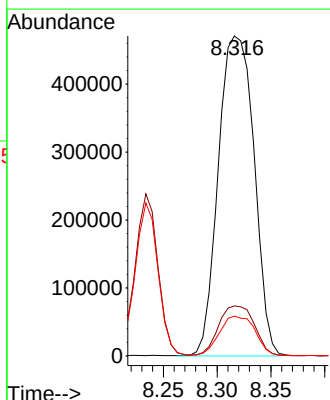
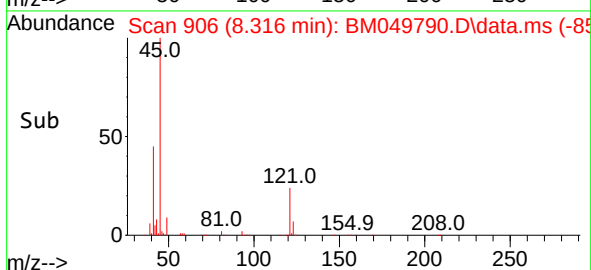
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

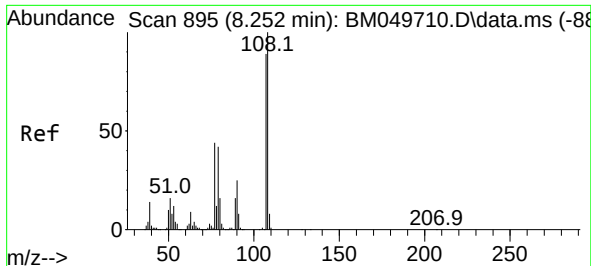


#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.016 ng m
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



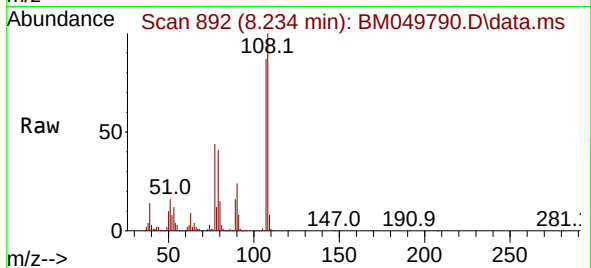
Tgt Ion: 45 Resp: 1089174
Ion Ratio Lower Upper
45 100
77 15.7 0.0 36.1
79 12.4 0.0 32.8





#17
2-Methylphenol
Concen: 57.373 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

Instrument :
BNA_M
ClientSampleId :
TP-4MS

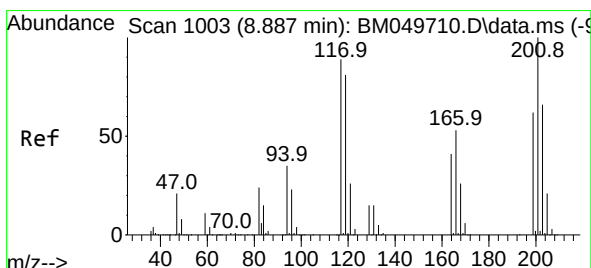
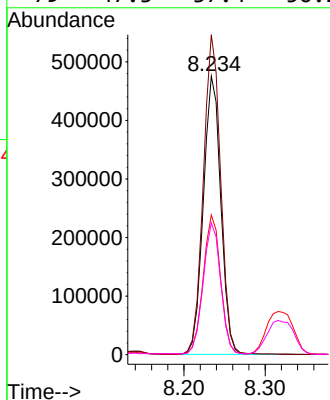
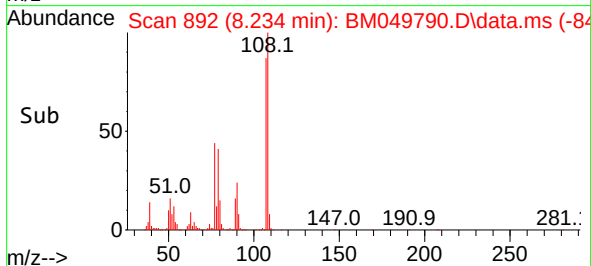


Tgt Ion:107 Resp: 70851

Ion	Ratio	Lower	Upper
107	100		
108	114.9	89.6	134.4
77	50.2	39.8	59.6
79	47.3	37.4	56.2

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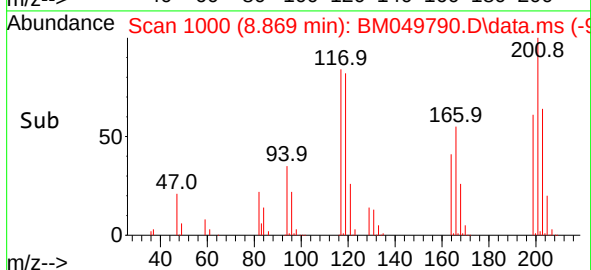
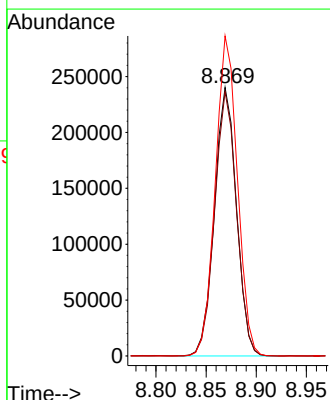
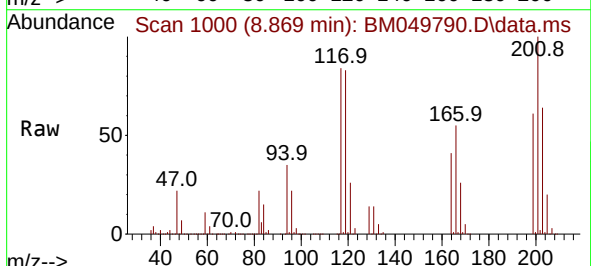
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

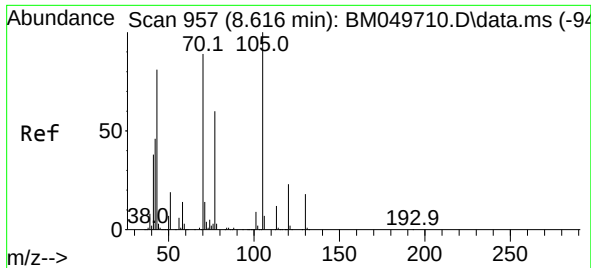


#18
Hexachloroethane
Concen: 50.104 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

Tgt Ion:117 Resp: 367209

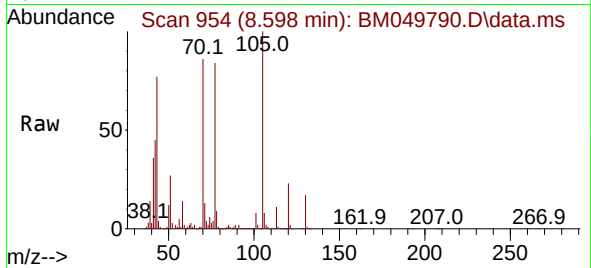
Ion	Ratio	Lower	Upper
117	100		
119	98.4	73.1	109.7
201	119.2	90.0	135.0





#19
n-Nitroso-di-n-propylamine
Concen: 55.326 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

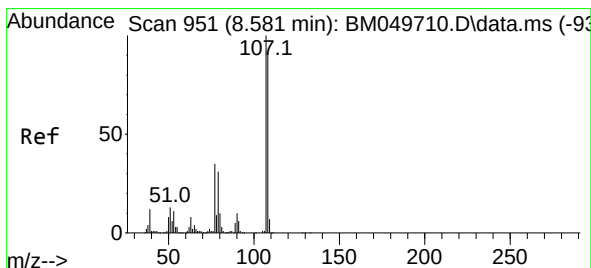
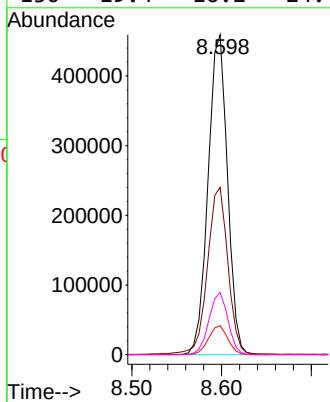
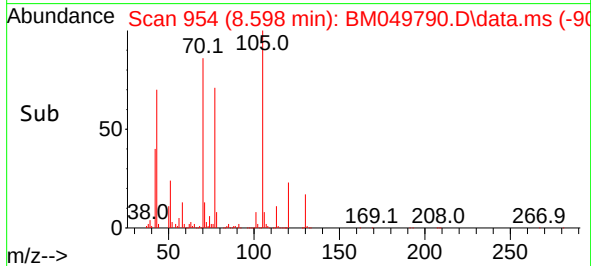
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion: 70 Resp: 68821
Ion Ratio Lower Upper
70 100
42 52.3 41.8 62.6
101 9.0 7.7 11.5
130 19.4 16.2 24.4

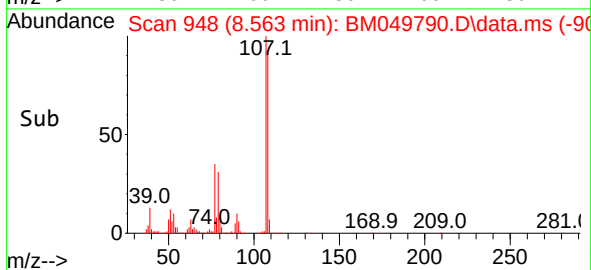
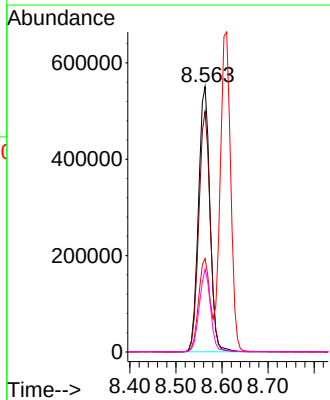
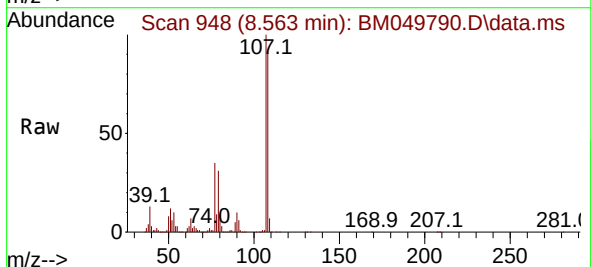
Manual Integrations
APPROVED

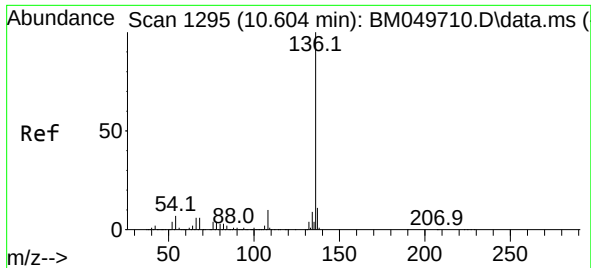
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#20
3+4-Methylphenols
Concen: 57.747 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

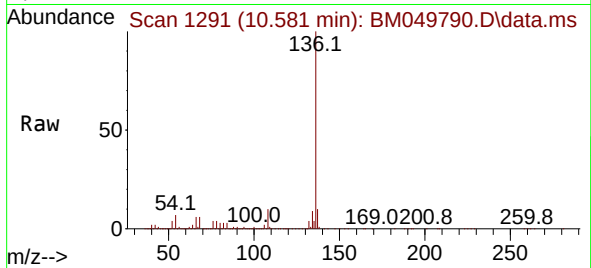
Tgt Ion:107 Resp: 955691
Ion Ratio Lower Upper
107 100
108 90.7 71.0 111.0
77 35.2 15.1 55.1
79 31.1 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

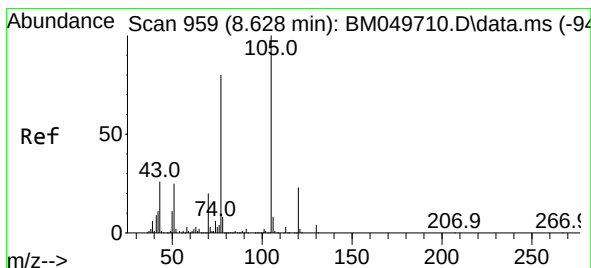
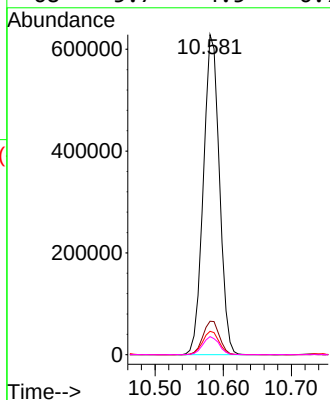
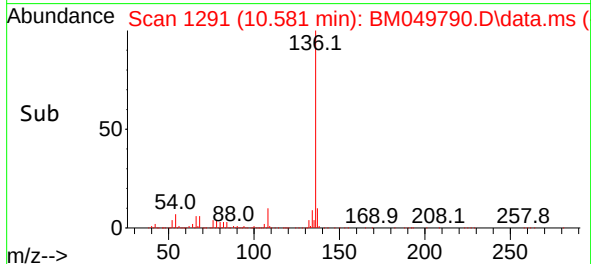
Instrument :
BNA_M
ClientSampleId :
TP-4MS



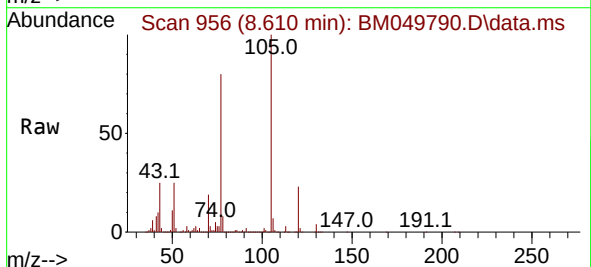
Tgt Ion:136 Resp: 1028189
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.3 5.8 8.8
68 5.7 4.5 6.7

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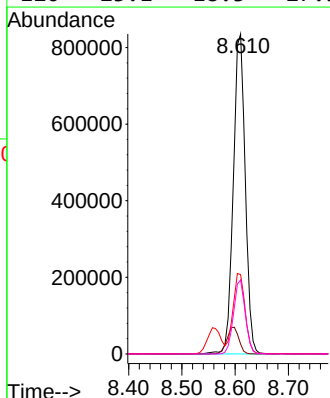
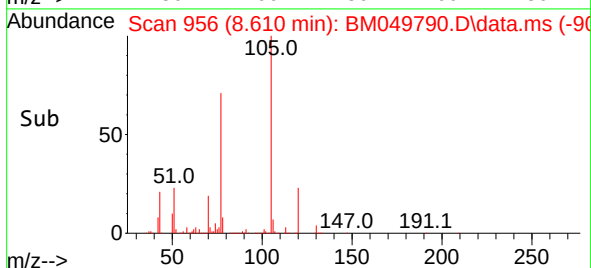
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

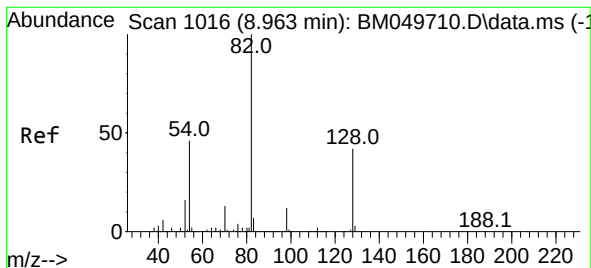


#22
Acetophenone
Concen: 49.198 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



Tgt Ion:105 Resp: 1304291
Ion Ratio Lower Upper
105 100
71 3.1 2.5 3.7
51 24.8 19.9 29.9
120 23.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 69.168 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS

Tgt Ion: 82 Resp: 138518

Ion Ratio Lower Upper

82 100

128 41.1 33.4 50.0

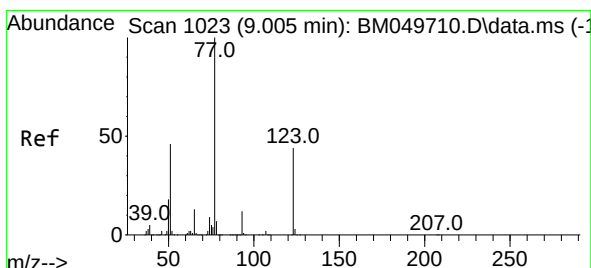
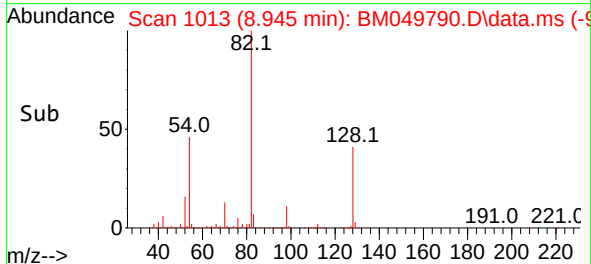
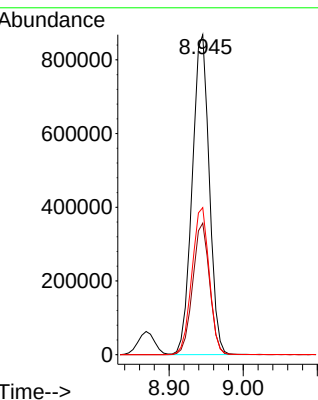
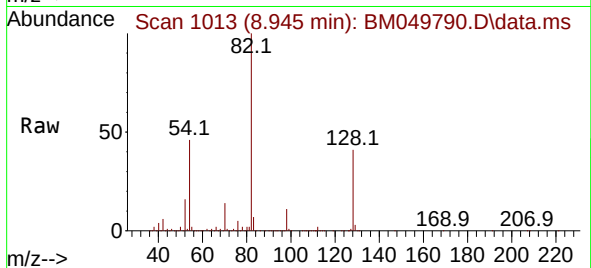
54 46.0 36.4 54.6

Manual Integrations

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Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#24

Nitrobenzene

Concen: 50.566 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.018 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

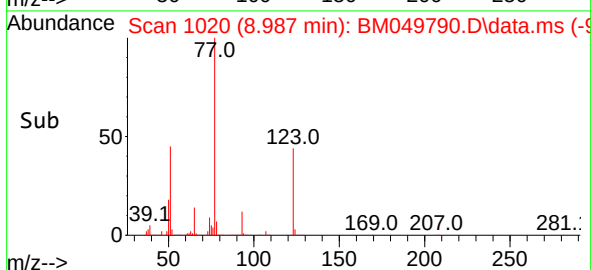
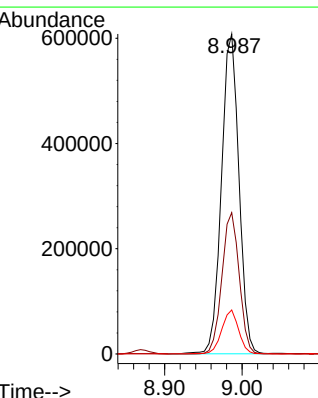
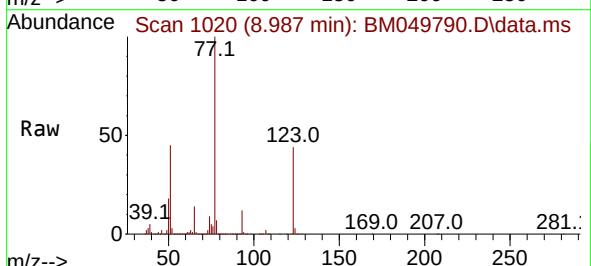
Tgt Ion: 77 Resp: 954851

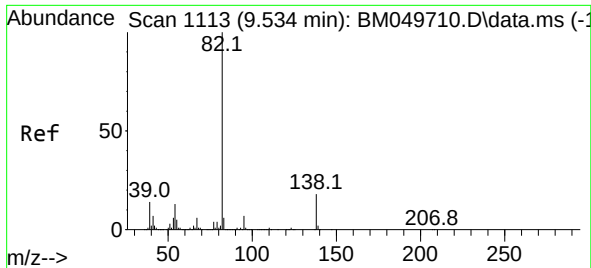
Ion Ratio Lower Upper

77 100

123 44.2 34.9 52.3

65 13.7 10.6 15.8





#25

Isophorone

Concen: 57.421 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS

Tgt Ion: 82 Resp: 176556

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

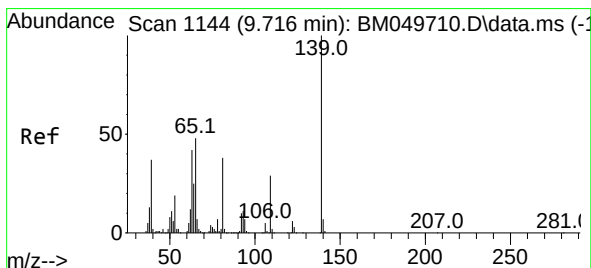
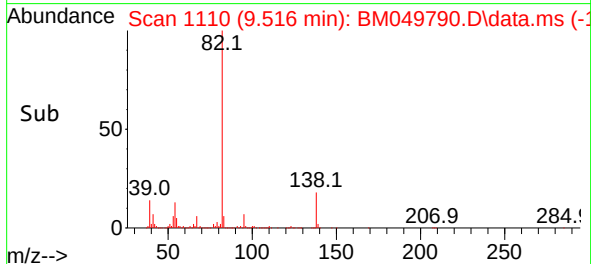
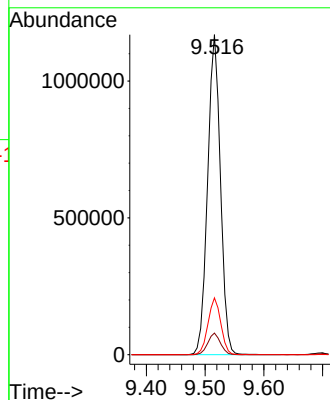
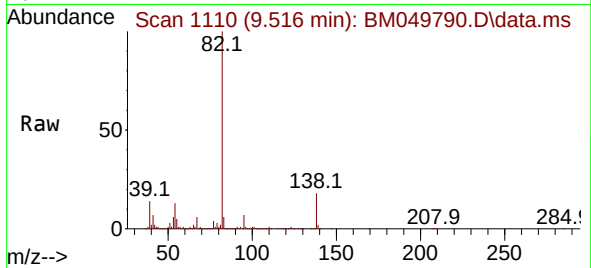
138 17.7 14.4 21.6

Manual Integrations

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Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#26

2-Nitrophenol

Concen: 53.452 ng

RT: 9.692 min Scan# 1140

Delta R.T. -0.024 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

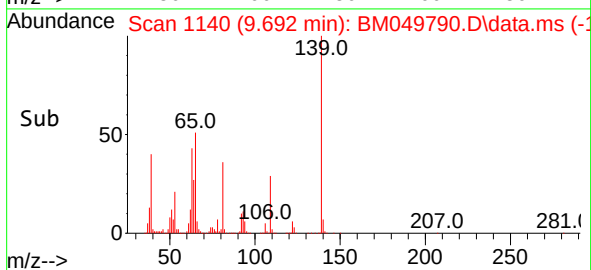
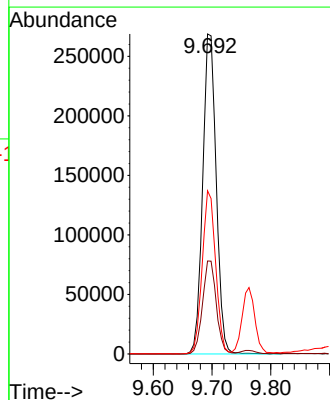
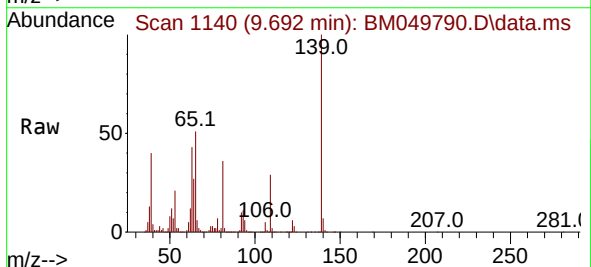
Tgt Ion:139 Resp: 429607

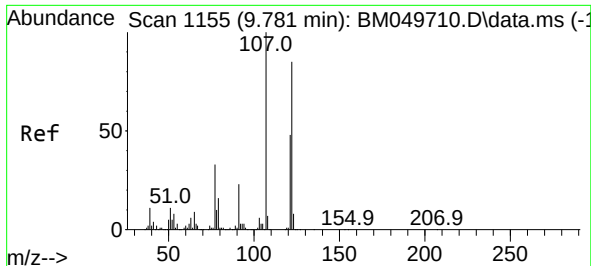
Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

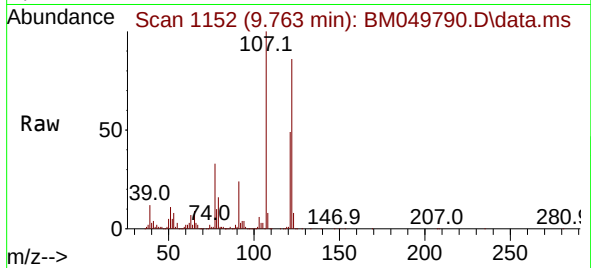
65 51.0 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 74.756 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

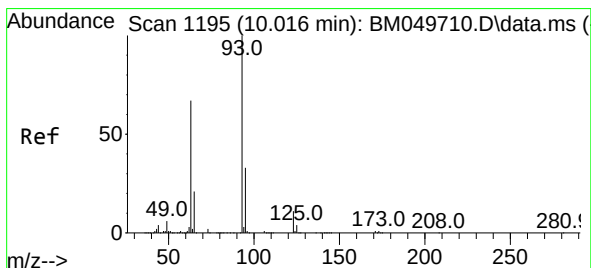
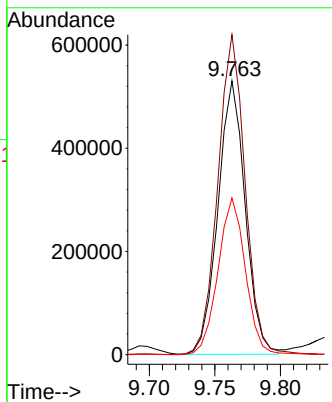
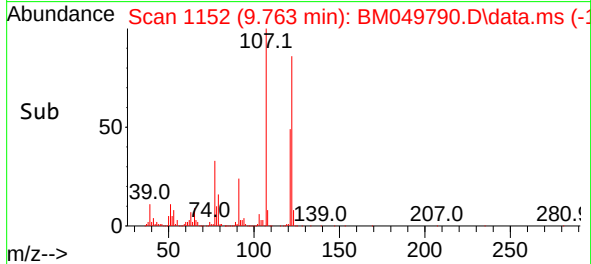
Instrument :
BNA_M
ClientSampleId :
TP-4MS



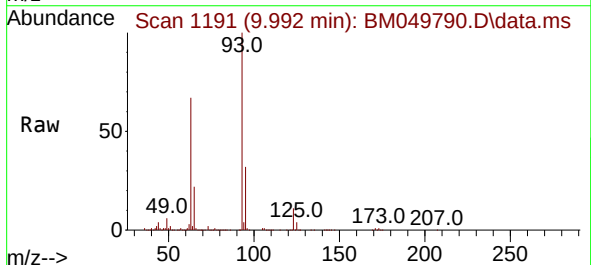
Tgt Ion:122 Resp: 764784
Ion Ratio Lower Upper
122 100
107 116.9 94.3 141.5
121 57.2 45.4 68.2

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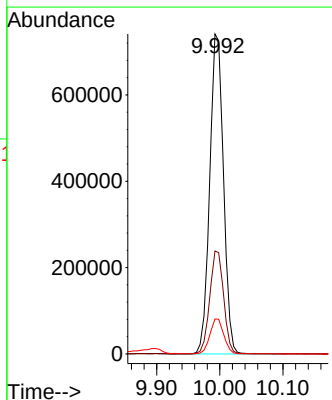
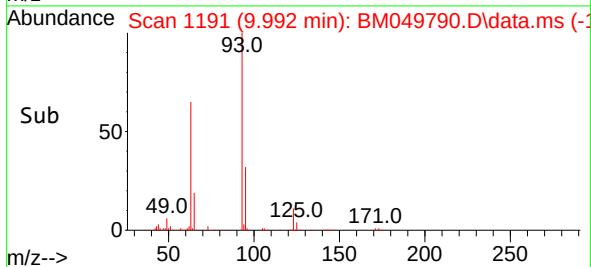
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

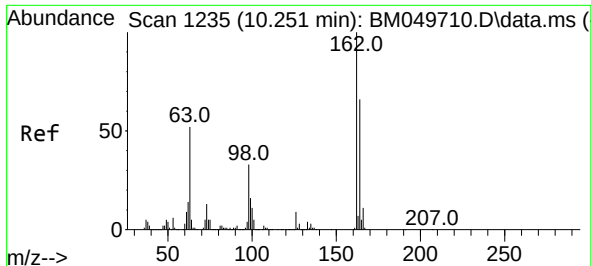


#28
bis(2-Chloroethoxy)methane
Concen: 51.764 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



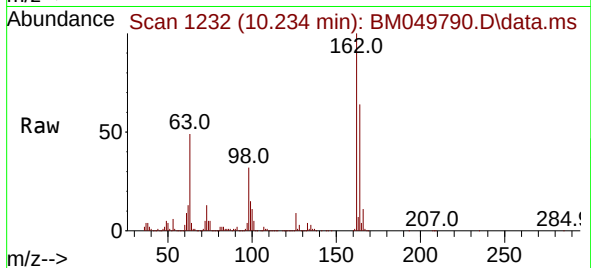
Tgt Ion: 93 Resp: 1121010
Ion Ratio Lower Upper
93 100
95 32.2 26.6 40.0
123 10.9 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 53.376 ng
RT: 10.234 min Scan# 1232
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

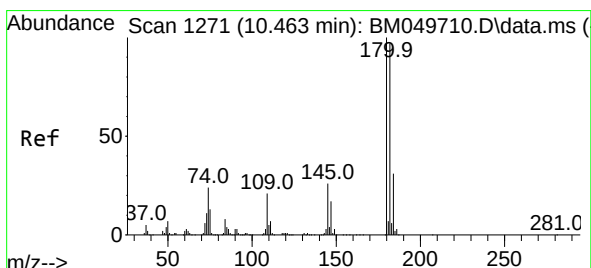
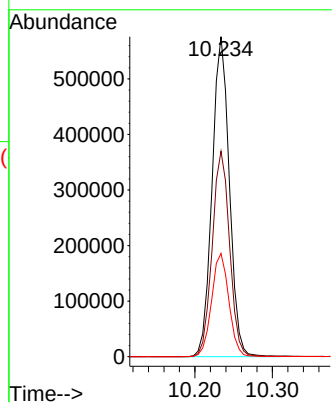
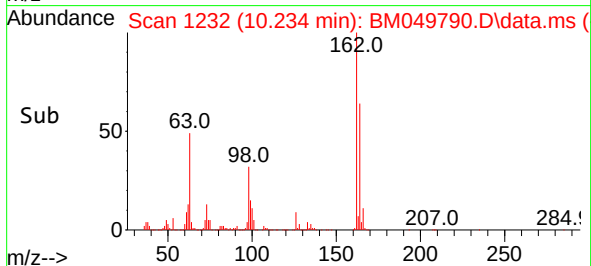
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:162 Resp: 889779
Ion Ratio Lower Upper
162 100
164 64.2 46.3 86.3
98 32.2 12.8 52.8

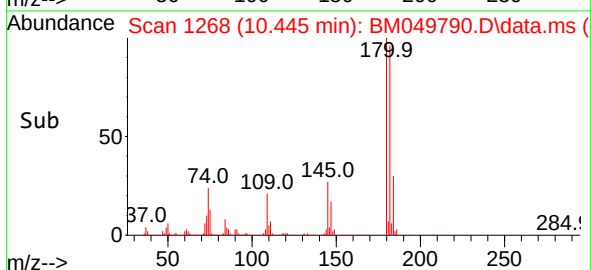
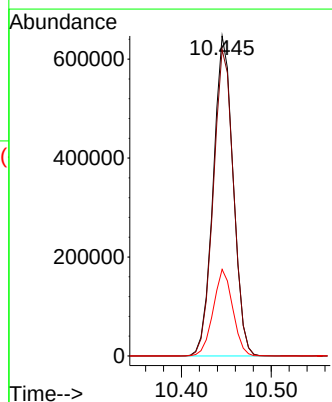
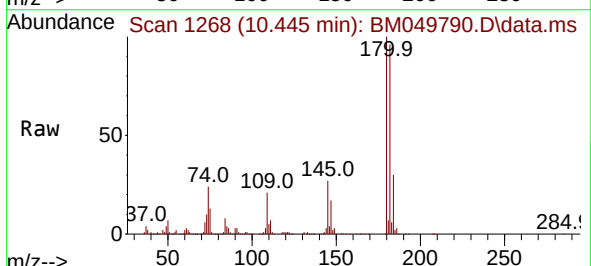
Manual Integrations
APPROVED

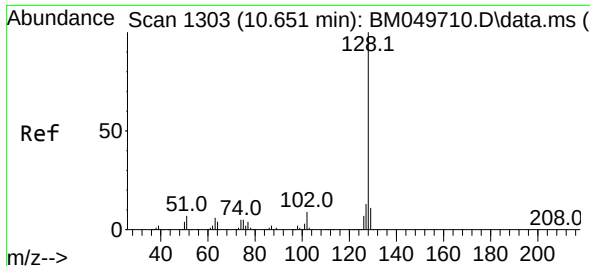
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 47.783 ng
RT: 10.445 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

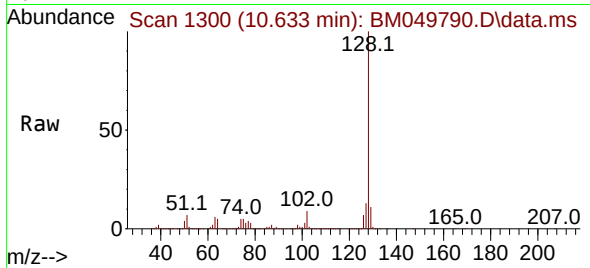
Tgt Ion:180 Resp: 996603
Ion Ratio Lower Upper
180 100
182 95.7 77.7 116.5
145 27.1 21.0 31.4





#31
Naphthalene
Concen: 47.835 ng
RT: 10.633 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

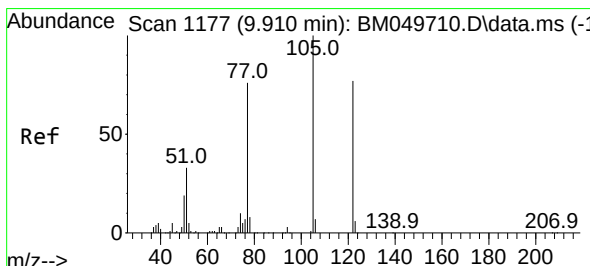
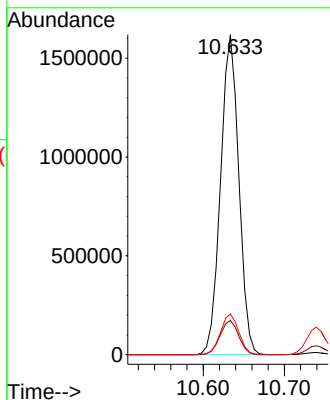
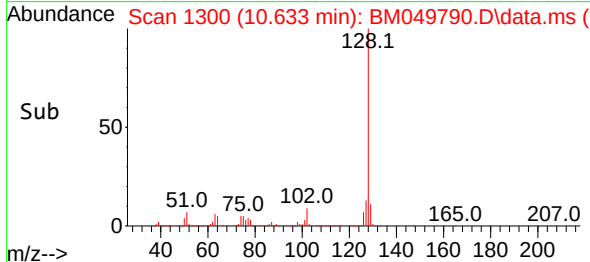
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:128 Resp: 2529040
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.8 10.4 15.6

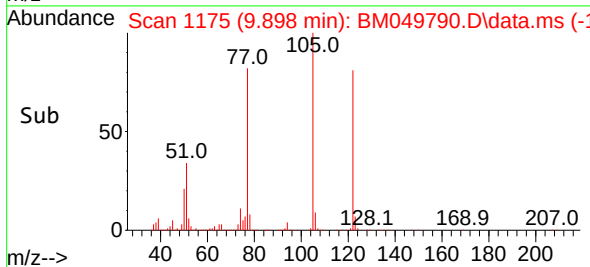
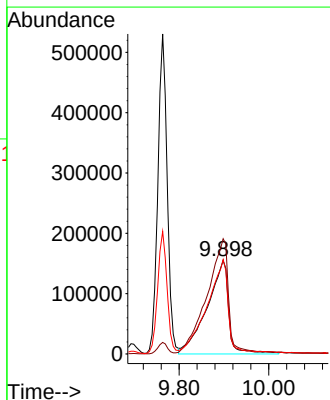
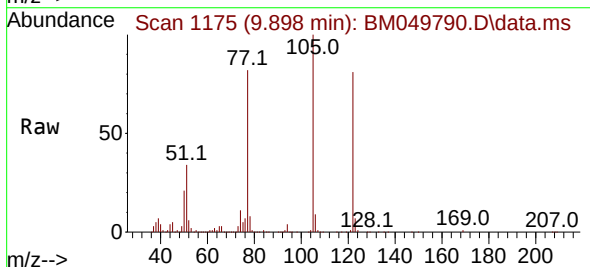
Manual Integrations
APPROVED

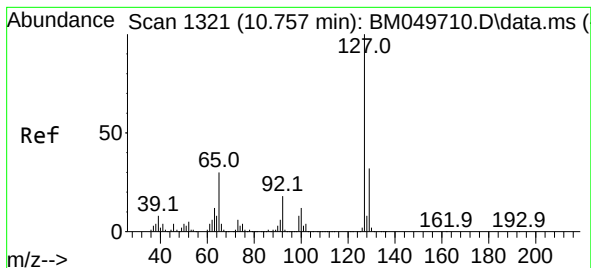
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#32
Benzoic acid
Concen: 59.874 ng m
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

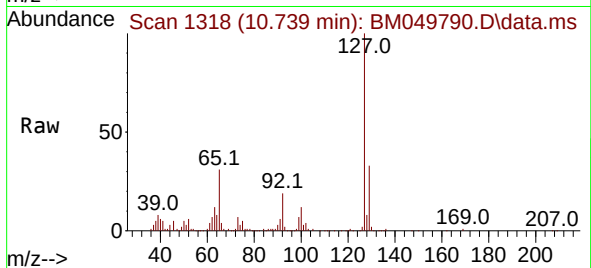
Tgt Ion:122 Resp: 520936
Ion Ratio Lower Upper
122 100
105 123.2 105.6 145.6
77 101.0 76.9 116.9





#33
4-Chloroaniline
Concen: 12.907 ng
RT: 10.739 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

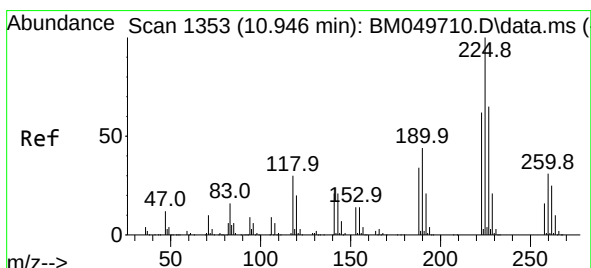
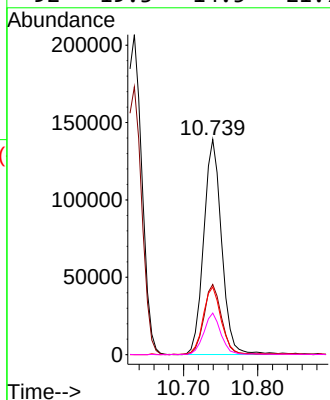
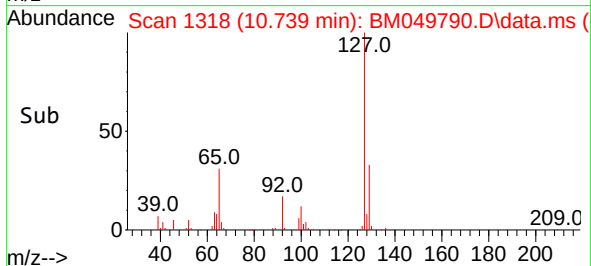
Instrument :
BNA_M
ClientSampleId :
TP-4MS



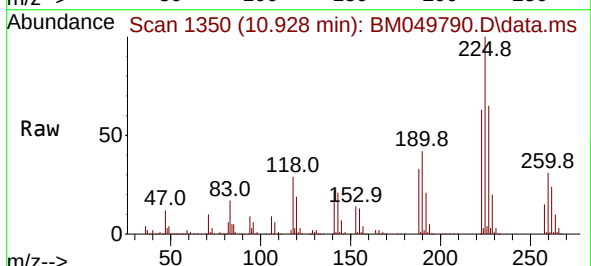
Tgt Ion:127 Resp: 232890
Ion Ratio Lower Upper
127 100
129 32.6 25.7 38.5
65 31.4 24.1 36.1
92 19.3 14.5 21.7

Manual Integrations
APPROVED

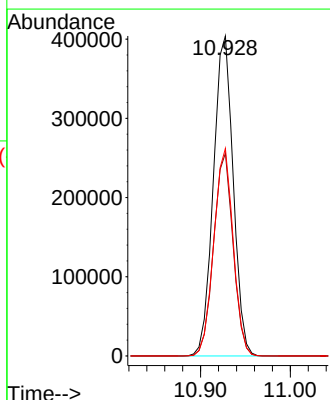
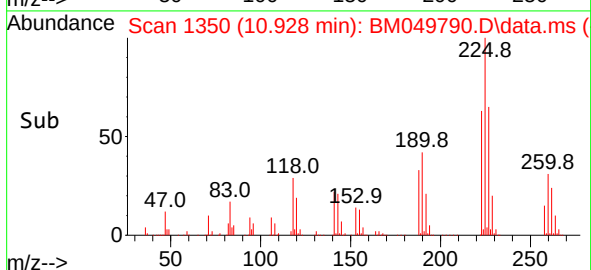
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

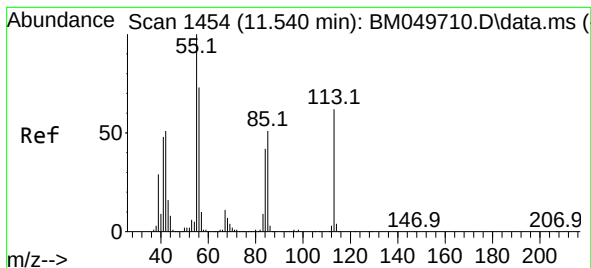


#34
Hexachlorobutadiene
Concen: 48.153 ng
RT: 10.928 min Scan# 1350
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



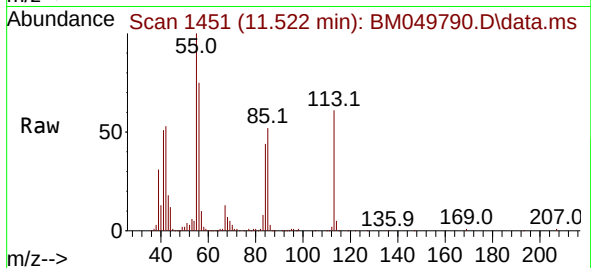
Tgt Ion:225 Resp: 619997
Ion Ratio Lower Upper
225 100
223 63.4 49.8 74.8
227 64.9 52.1 78.1





#35
 Caprolactam
 Concen: 59.576 ng m
 RT: 11.522 min Scan# 1451
 Delta R.T. -0.018 min
 Lab File: BM049790.D
 Acq: 02 Apr 2025 14:46

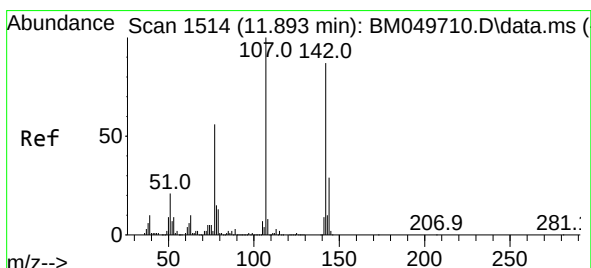
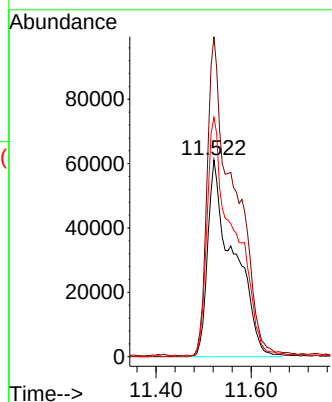
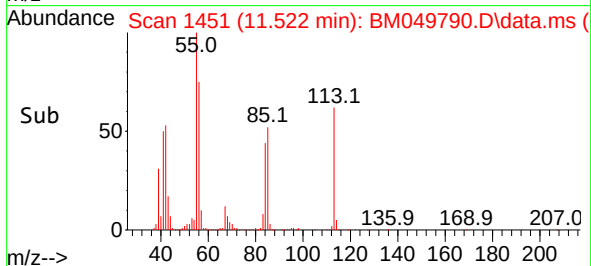
Instrument :
 BNA_M
 ClientSampleId :
 TP-4MS



Tgt Ion:113 Resp: 230570
 Ion Ratio Lower Upper
 113 100
 55 162.6 141.8 181.8
 56 121.6 98.0 138.0

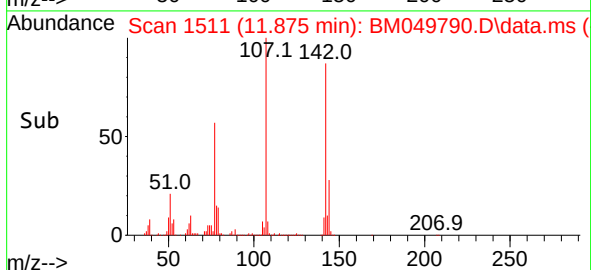
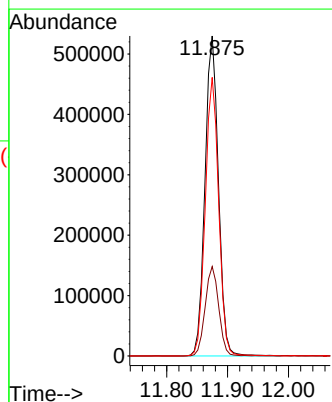
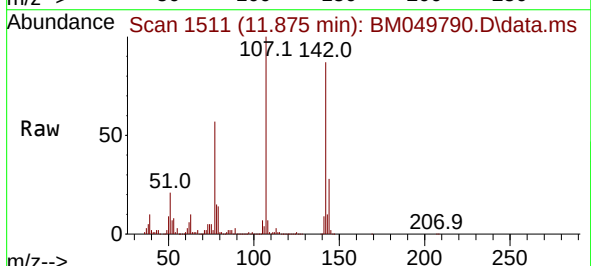
Manual Integrations
 APPROVED

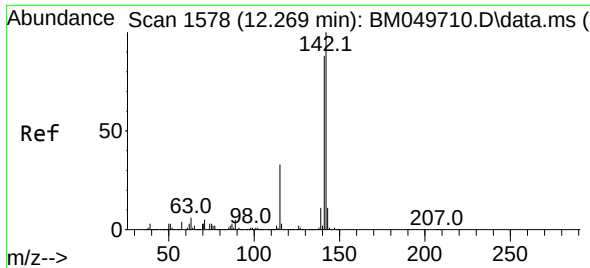
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#36
 4-Chloro-3-methylphenol
 Concen: 56.789 ng
 RT: 11.875 min Scan# 1511
 Delta R.T. -0.018 min
 Lab File: BM049790.D
 Acq: 02 Apr 2025 14:46

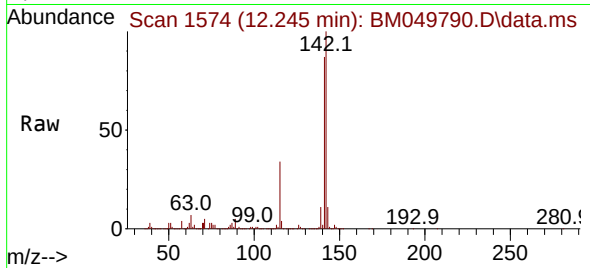
Tgt Ion:107 Resp: 812416
 Ion Ratio Lower Upper
 107 100
 144 28.0 23.0 34.6
 142 87.1 69.8 104.8





#37
2-Methylnaphthalene
Concen: 45.489 ng
RT: 12.245 min Scan# 1574
Delta R.T. -0.024 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

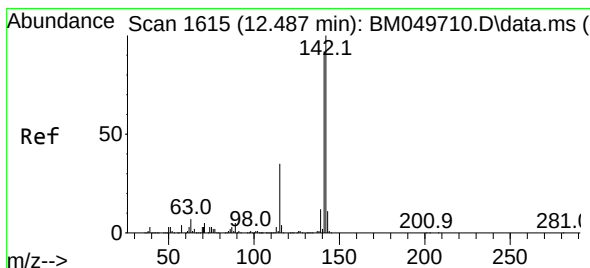
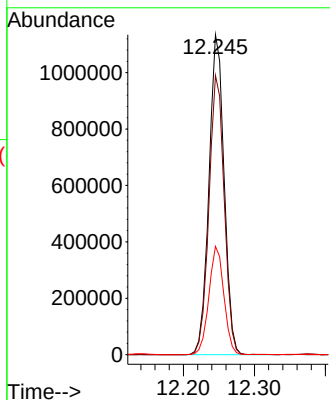
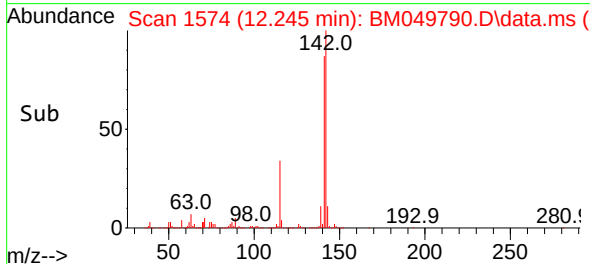
Instrument :
BNA_M
ClientSampleId :
TP-4MS



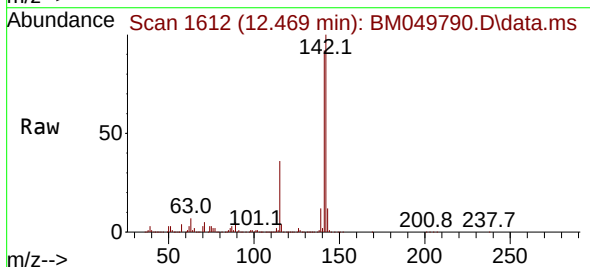
Tgt Ion:142 Resp: 168170
Ion Ratio Lower Upper
142 100
141 87.3 70.5 105.7
115 33.9 26.5 39.7

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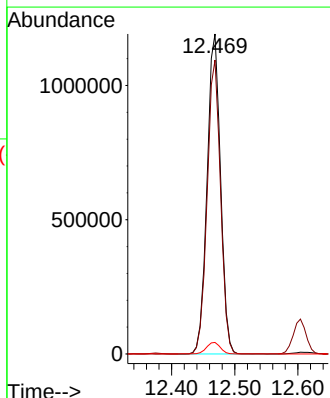
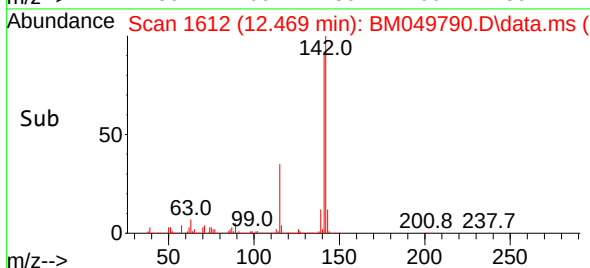
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

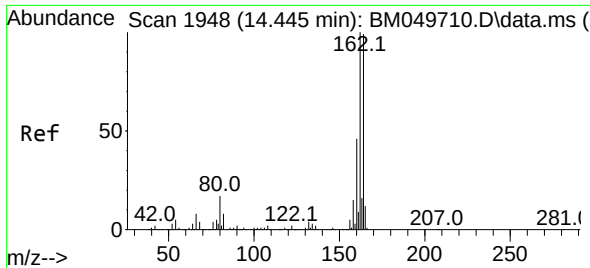


#38
1-Methylnaphthalene
Concen: 49.463 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



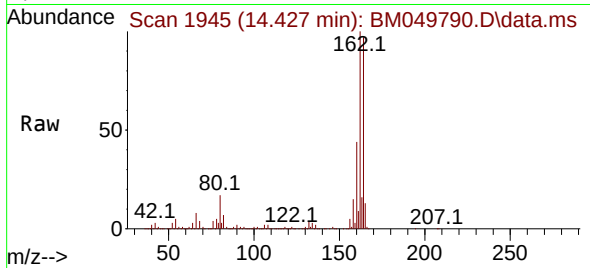
Tgt Ion:142 Resp: 1764234
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

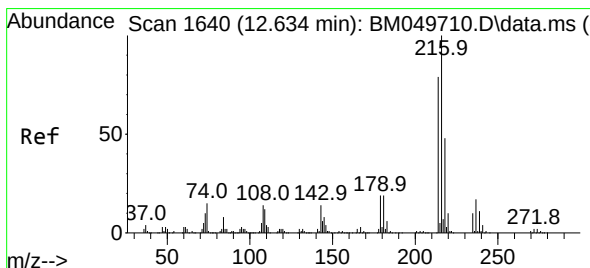
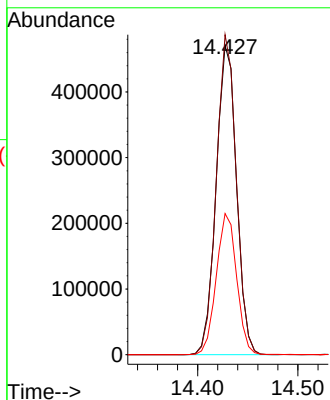
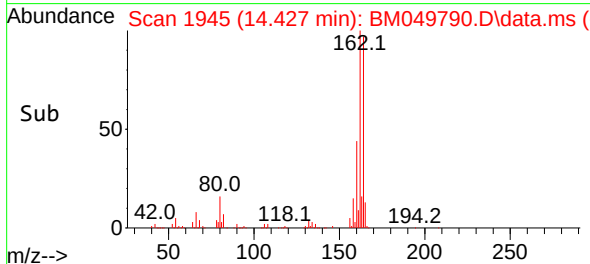
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:164 Resp: 666035
Ion Ratio Lower Upper
164 100
162 103.5 80.5 120.7
160 45.7 36.9 55.3

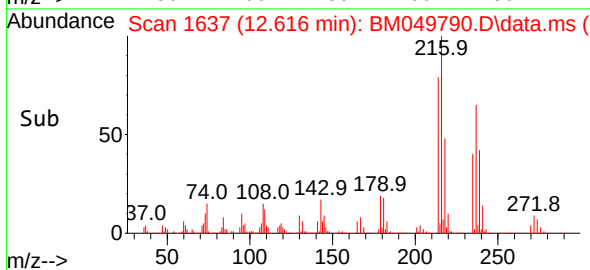
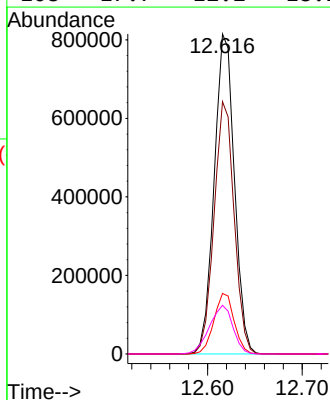
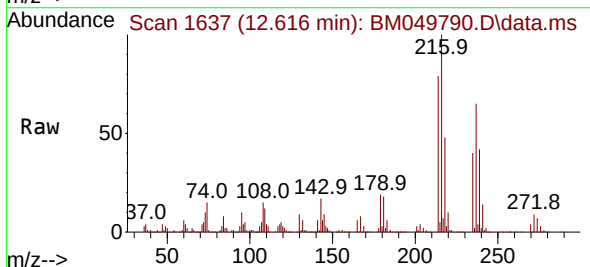
Manual Integrations
APPROVED

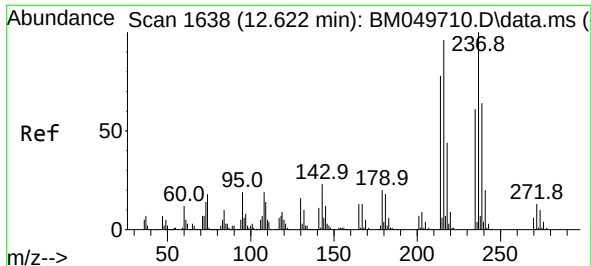
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.371 ng
RT: 12.616 min Scan# 1637
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

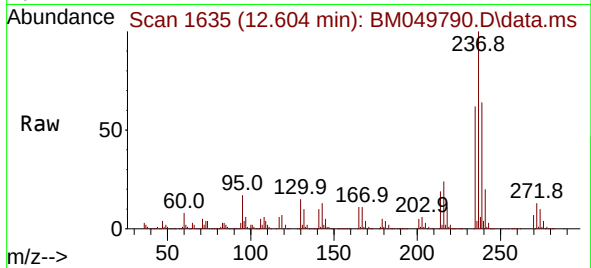
Tgt Ion:216 Resp: 1207860
Ion Ratio Lower Upper
216 100
214 78.3 63.5 95.3
179 19.0 15.7 23.5
108 17.7 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 185.343 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

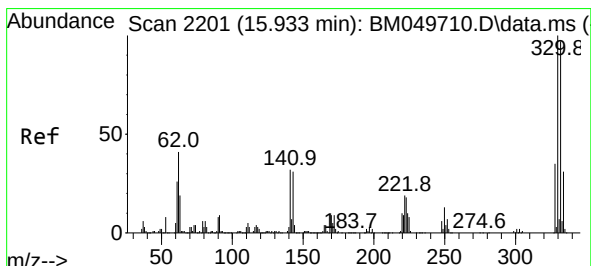
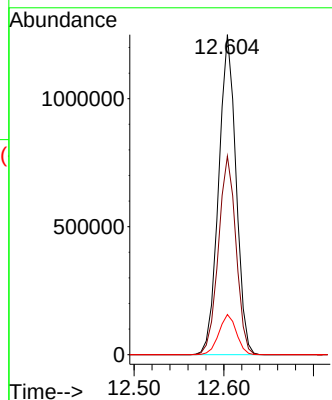
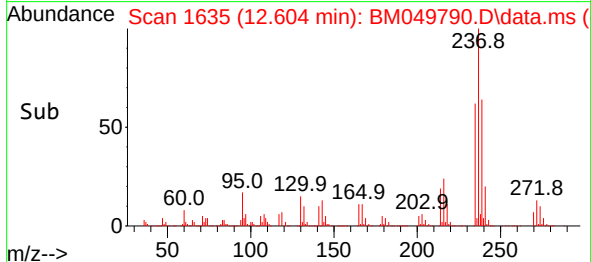
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:237 Resp: 1679830
Ion Ratio Lower Upper
237 100
235 62.1 41.1 81.1
272 12.6 0.0 32.5

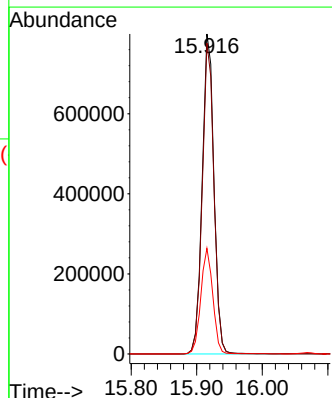
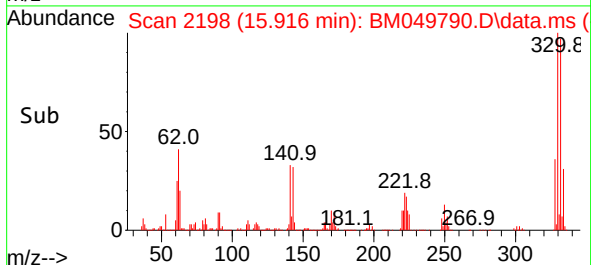
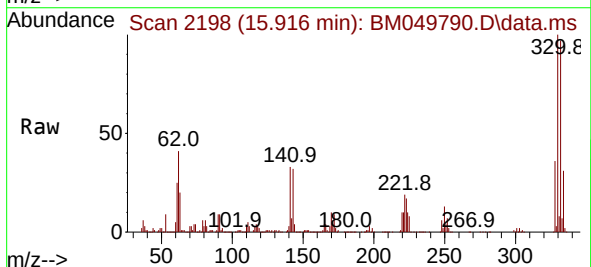
Manual Integrations
APPROVED

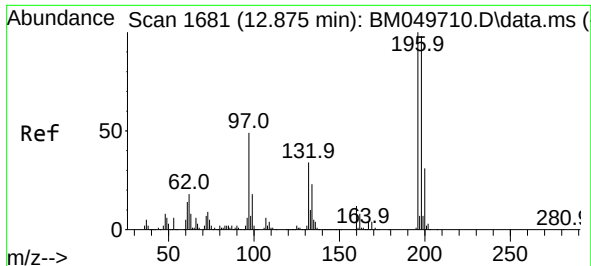
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#42
2,4,6-Tribromophenol
Concen: 128.283 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

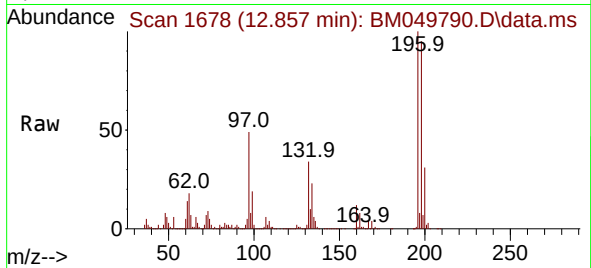
Tgt Ion:330 Resp: 997695
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 33.6 27.8 41.6





#43
2,4,6-Trichlorophenol
Concen: 53.884 ng
RT: 12.857 min Scan# 1690
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

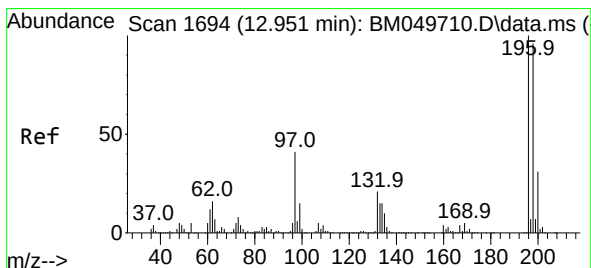
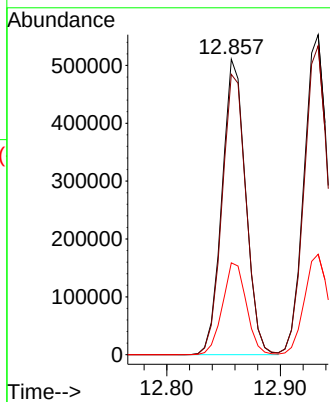
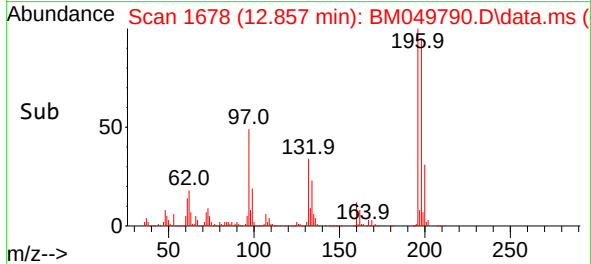
Instrument :
BNA_M
ClientSampleId :
TP-4MS



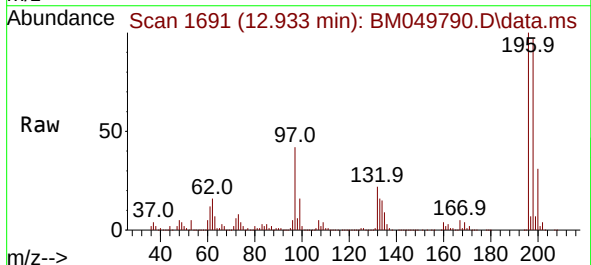
Tgt Ion:196 Resp: 738310
Ion Ratio Lower Upper
196 100
198 94.8 78.3 117.5
200 31.1 25.1 37.7

Manual Integrations
APPROVED

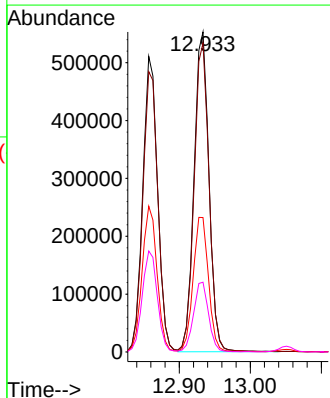
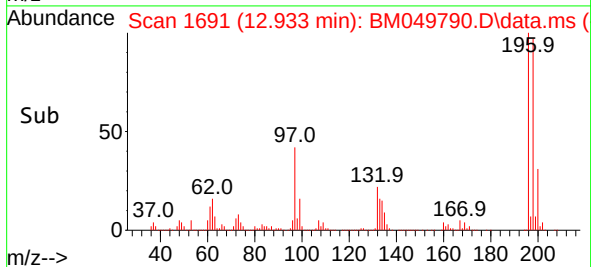
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

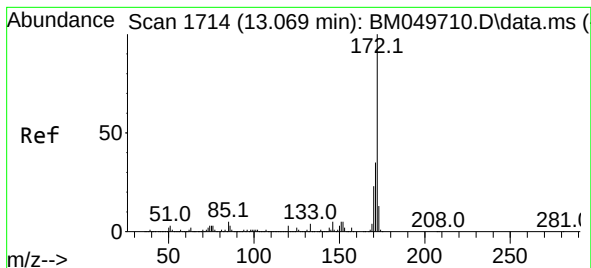


#44
2,4,5-Trichlorophenol
Concen: 54.168 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



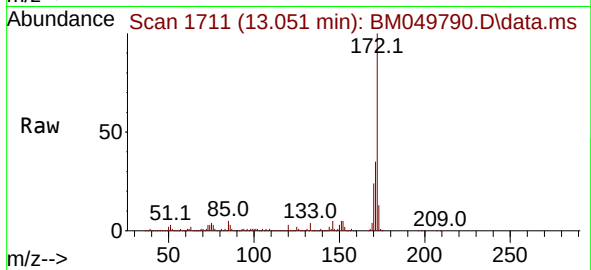
Tgt Ion:196 Resp: 809938
Ion Ratio Lower Upper
196 100
198 96.6 76.7 115.1
97 42.0 32.9 49.3
132 21.8 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 65.176 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

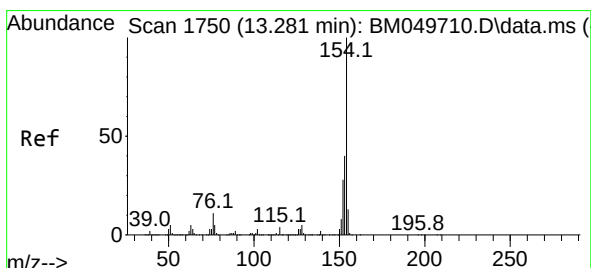
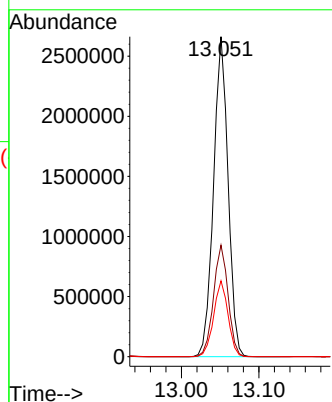
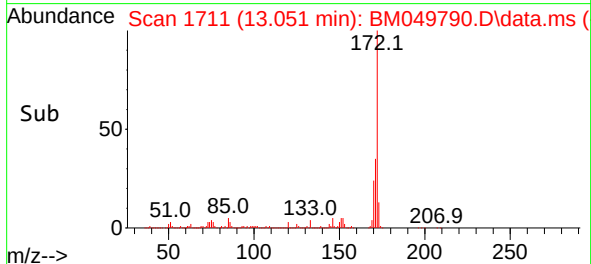
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:172 Resp: 3466144
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.7 18.6 28.0

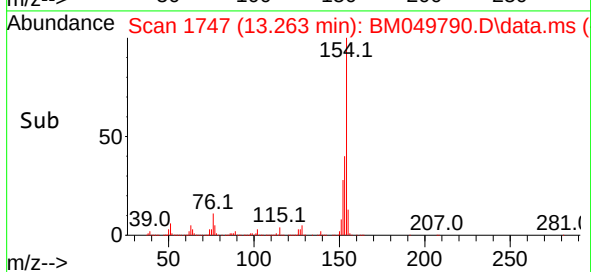
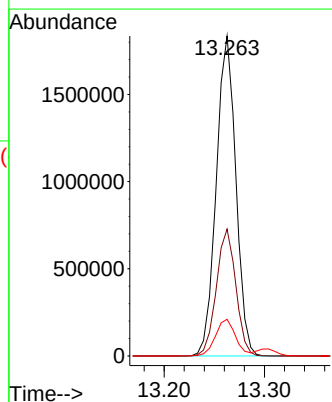
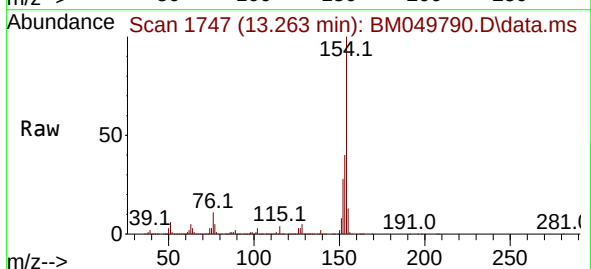
Manual Integrations
APPROVED

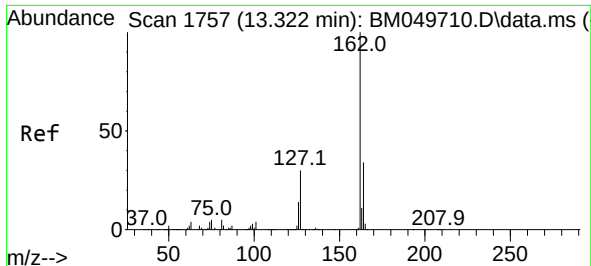
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#46
1,1'-Biphenyl
Concen: 48.460 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

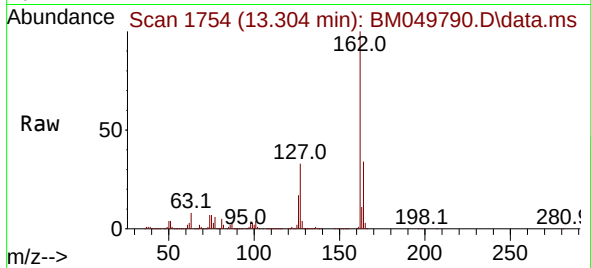
Tgt Ion:154 Resp: 2487540
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 11.5 0.0 31.2





#47
2-Chloronaphthalene
Concen: 48.719 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

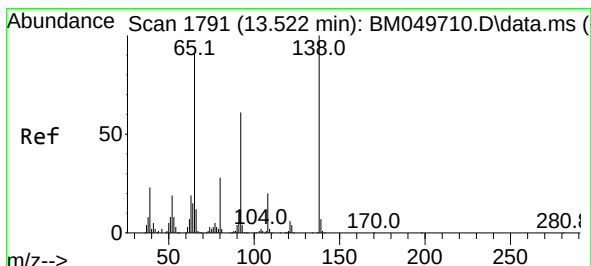
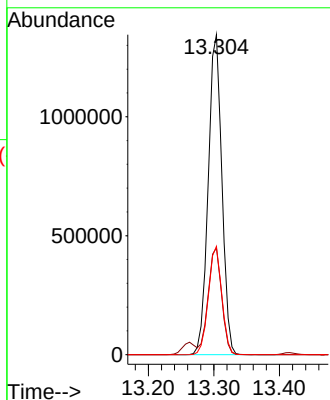
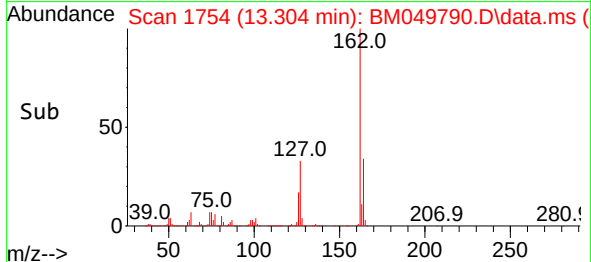
Instrument :
BNA_M
ClientSampleId :
TP-4MS



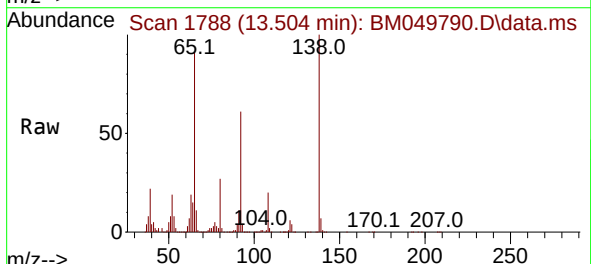
Tgt Ion:162 Resp: 1946560
Ion Ratio Lower Upper
162 100
127 33.4 25.8 38.6
164 33.8 27.1 40.7

Manual Integrations
APPROVED

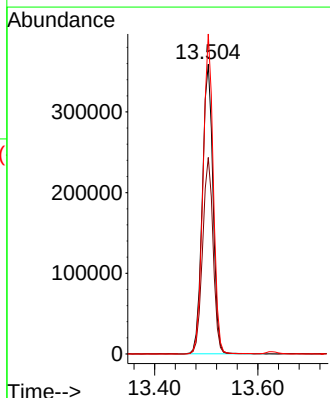
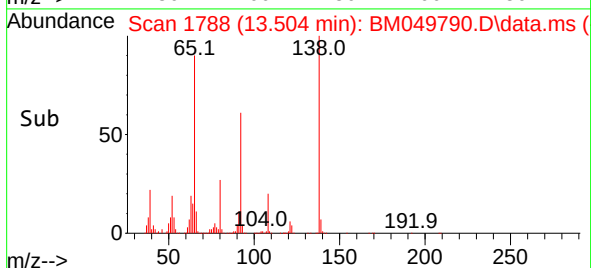
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

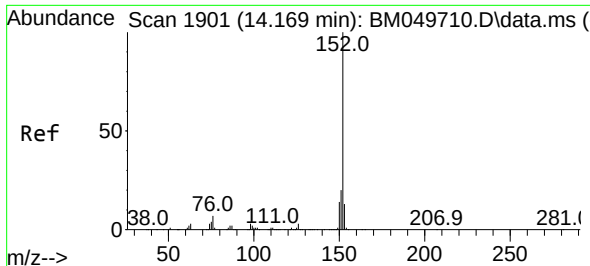


#48
2-Nitroaniline
Concen: 57.209 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



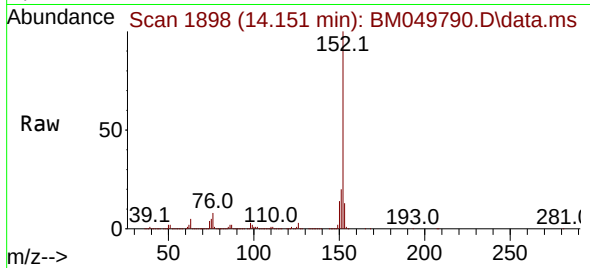
Tgt Ion: 65 Resp: 513127
Ion Ratio Lower Upper
65 100
92 67.8 53.4 80.2
138 110.5 87.6 131.4





#49
Acenaphthylene
Concen: 54.727 ng
RT: 14.151 min Scan# 1898
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

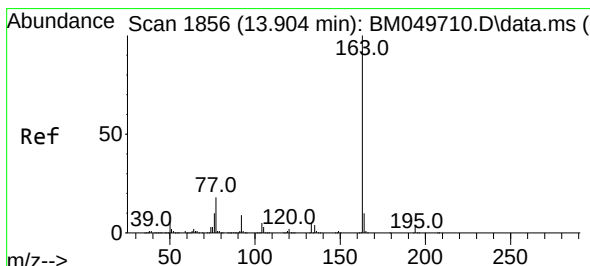
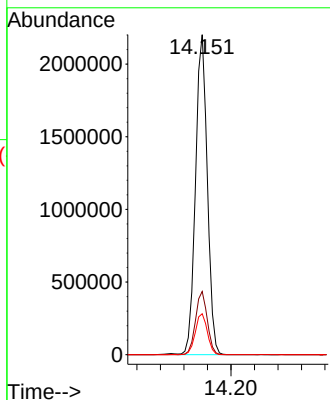
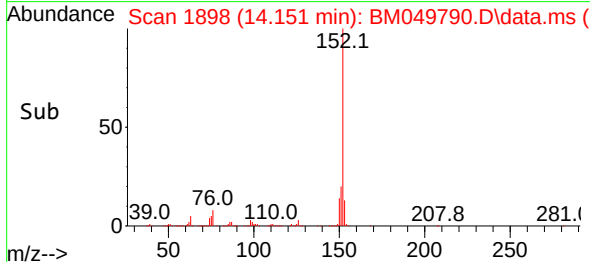
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:152 Resp: 305640
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.8 10.2 15.4

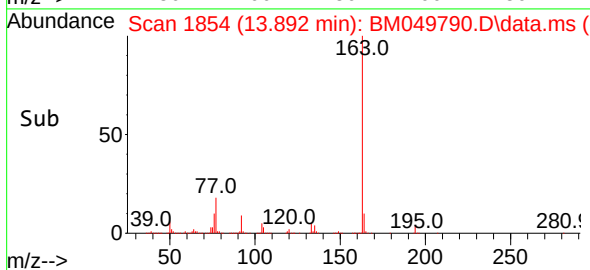
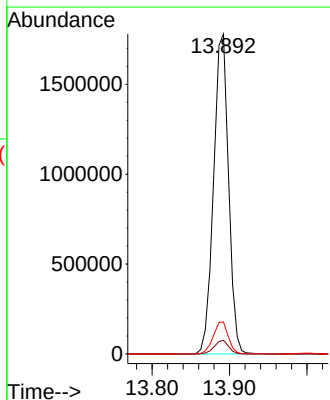
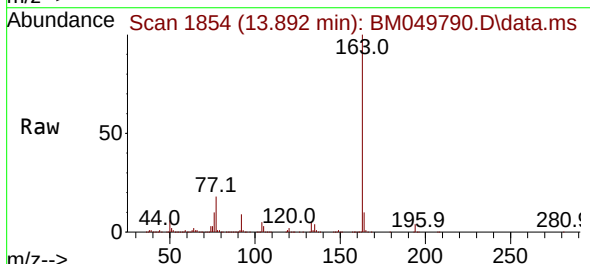
Manual Integrations
APPROVED

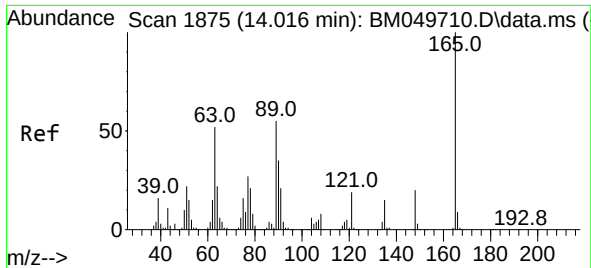
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#50
Dimethylphthalate
Concen: 52.095 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

Tgt Ion:163 Resp: 2388887
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.2 12.2





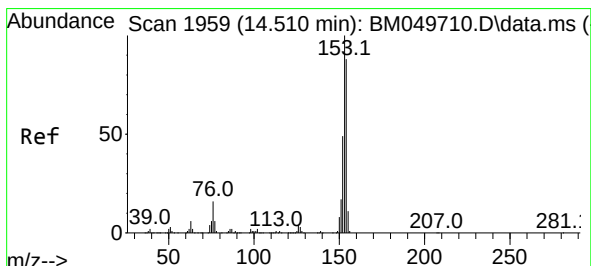
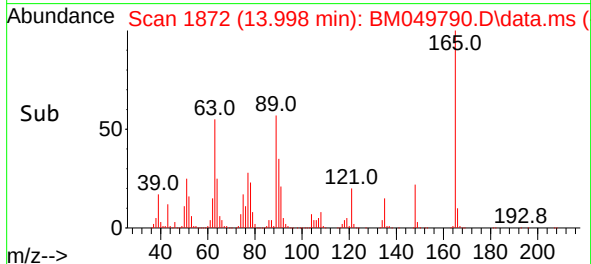
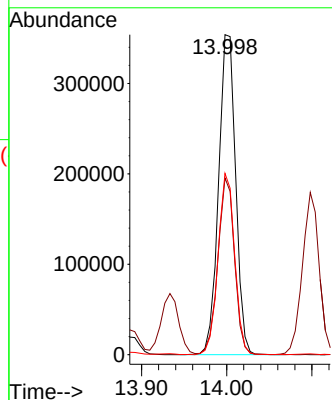
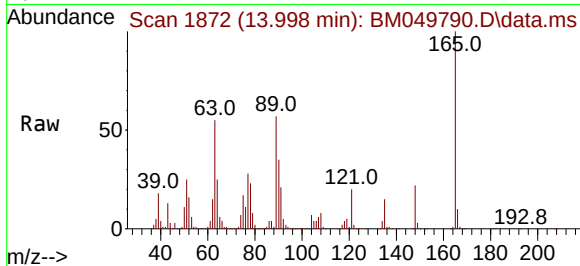
#51
2,6-Dinitrotoluene
Concen: 53.669 ng
RT: 13.998 min Scan# 1875
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

Instrument :
BNA_M
ClientSampleId :
TP-4MS

Tgt Ion:165 Resp: 49312
Ion Ratio Lower Upper
165 100
63 55.2 42.3 63.5
89 56.7 43.9 65.9

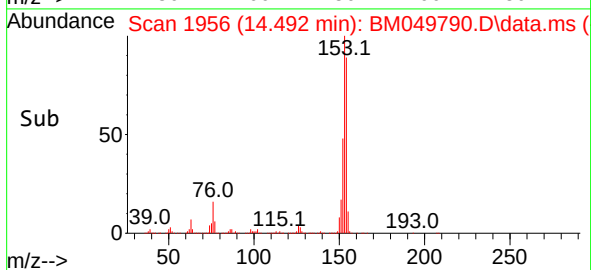
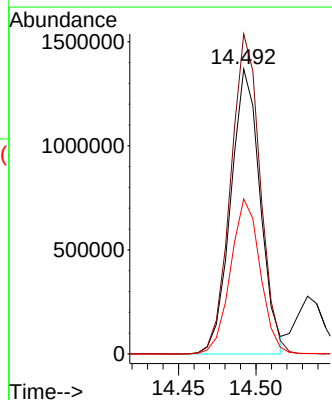
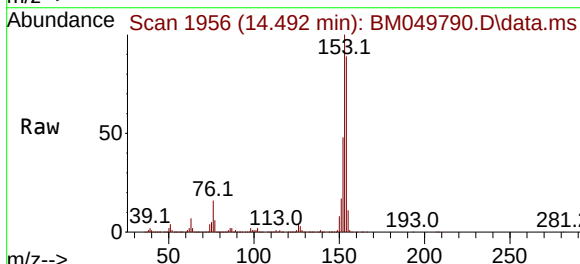
Manual Integrations
APPROVED

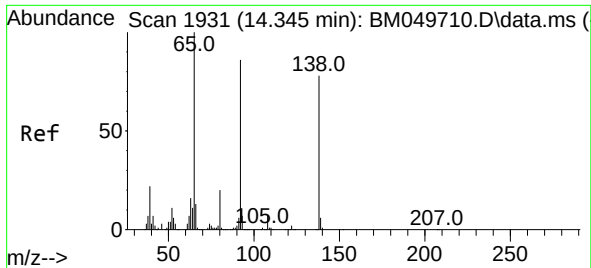
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#52
Acenaphthene
Concen: 49.315 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

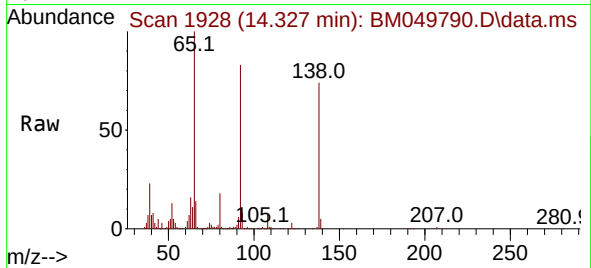
Tgt Ion:154 Resp: 1806556
Ion Ratio Lower Upper
154 100
153 112.3 90.4 135.6
152 54.4 44.2 66.2





#53
3-Nitroaniline
Concen: 15.965 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

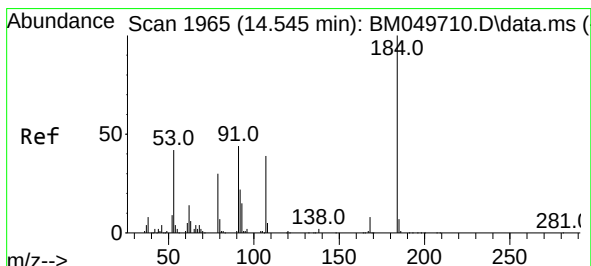
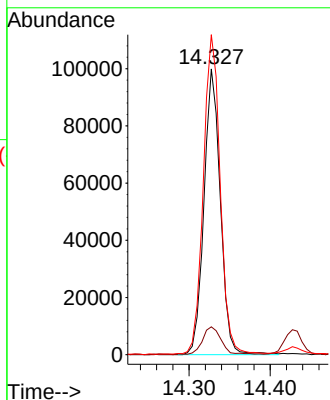
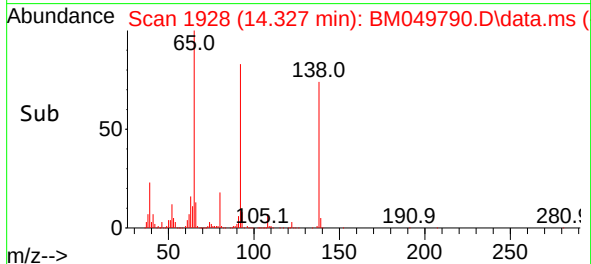
Instrument :
BNA_M
ClientSampleId :
TP-4MS



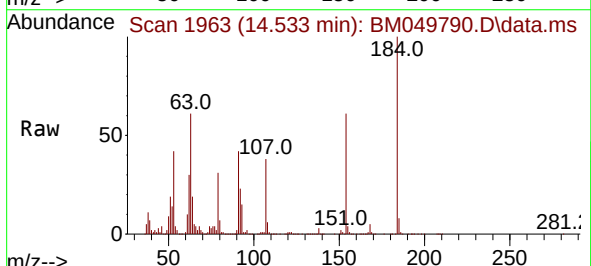
Tgt Ion:138 Resp: 139590
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 112.0 88.0 132.0

Manual Integrations
APPROVED

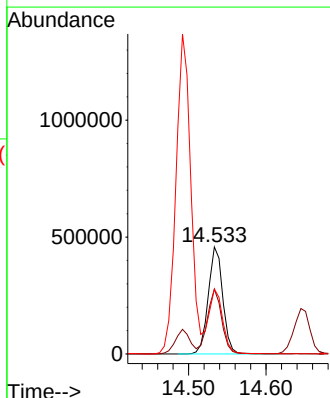
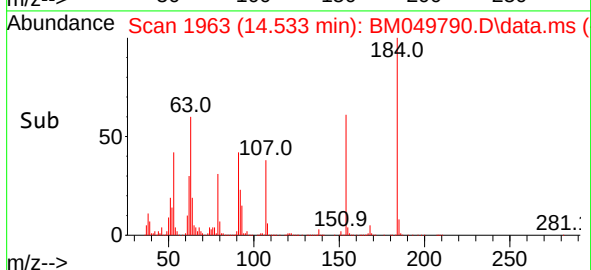
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

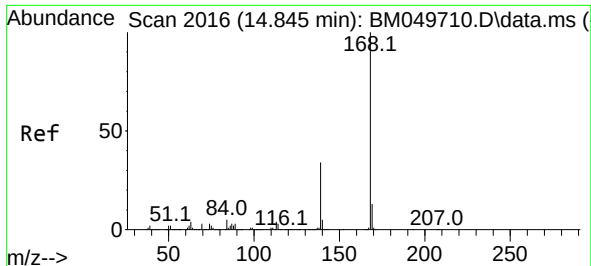


#54
2,4-Dinitrophenol
Concen: 94.884 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



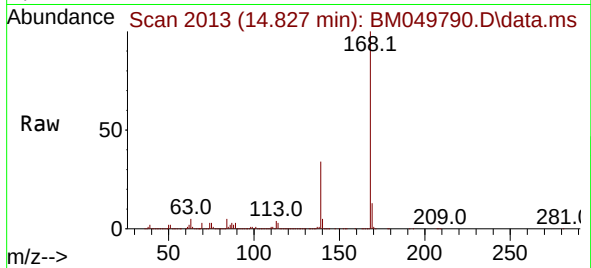
Tgt Ion:184 Resp: 596782
Ion Ratio Lower Upper
184 100
63 60.5 47.2 70.8
154 60.6 49.9 74.9





#55
Dibenzenofuran
Concen: 47.823 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

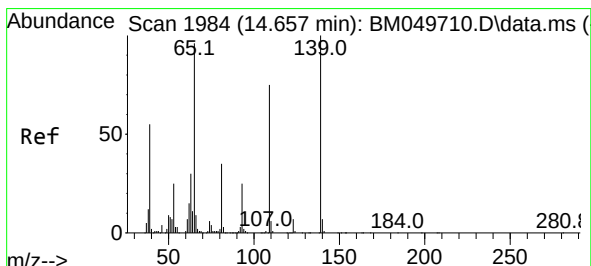
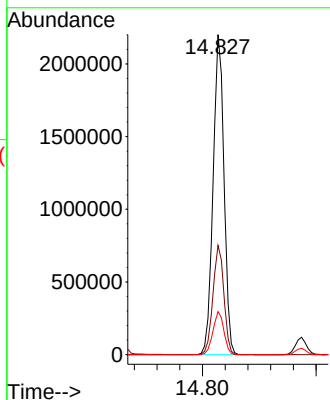
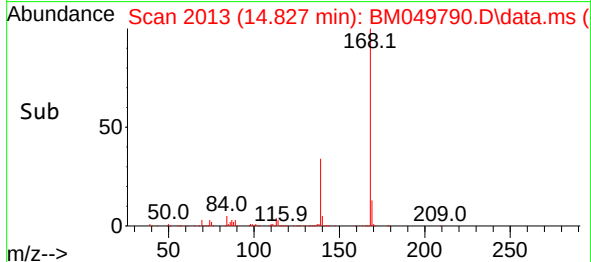
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:168 Resp: 291921
Ion Ratio Lower Upper
168 100
139 34.2 27.4 41.0
169 13.5 10.7 16.1

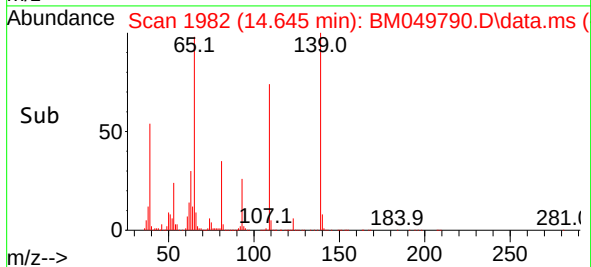
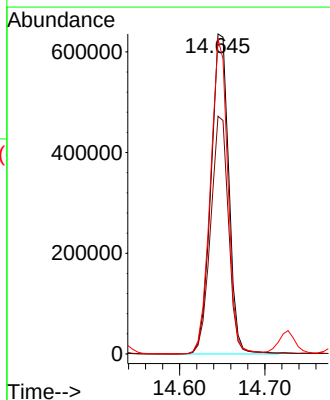
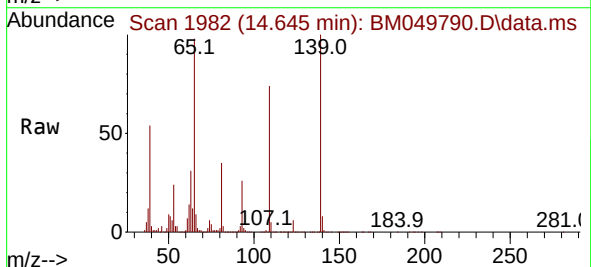
Manual Integrations
APPROVED

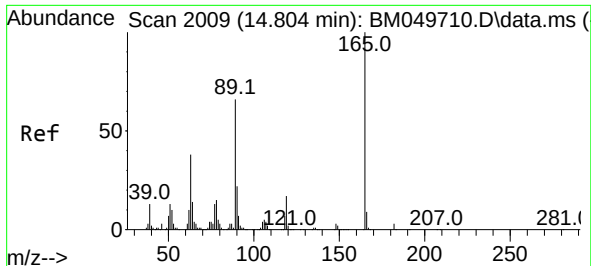
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#56
4-Nitrophenol
Concen: 121.647 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

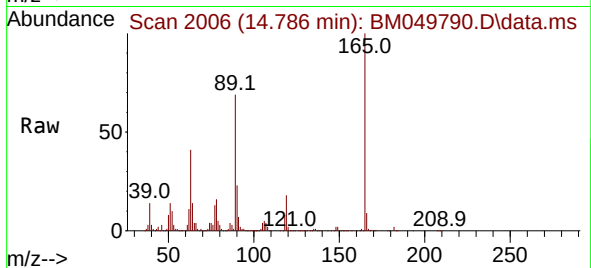
Tgt Ion:139 Resp: 925835
Ion Ratio Lower Upper
139 100
109 74.3 54.7 94.7
65 98.4 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 59.162 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

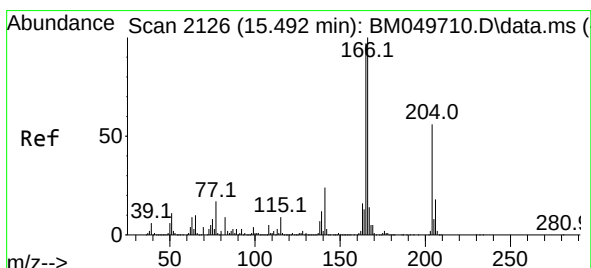
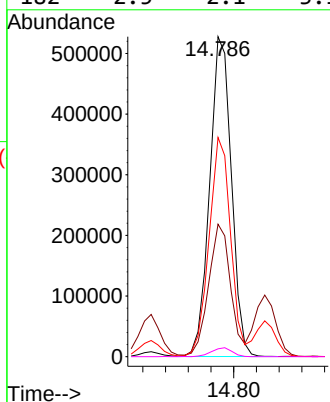
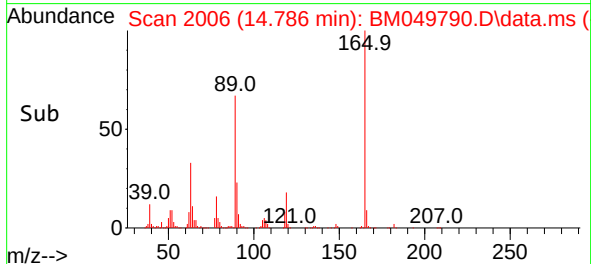
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:165 Resp: 69948
Ion Ratio Lower Upper
165 100
63 41.4 30.8 46.2
89 68.5 53.1 79.7
182 2.5 2.1 3.1

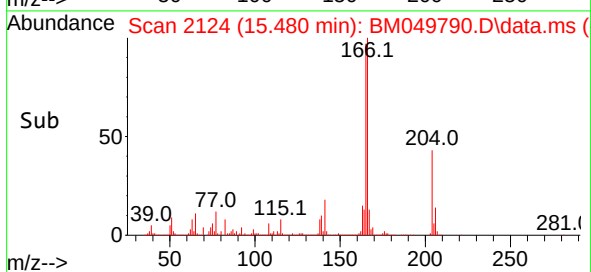
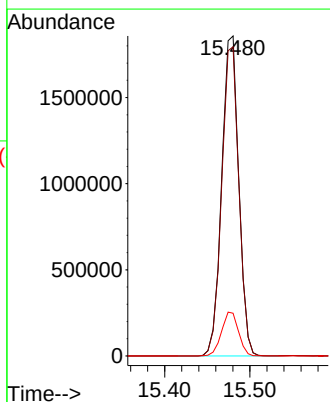
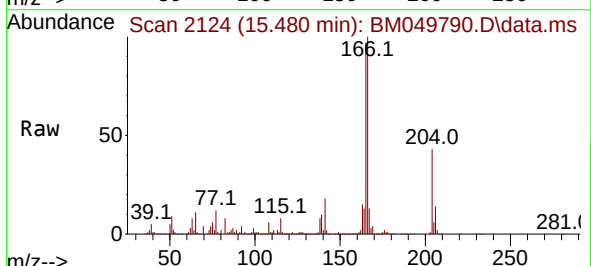
Manual Integrations
APPROVED

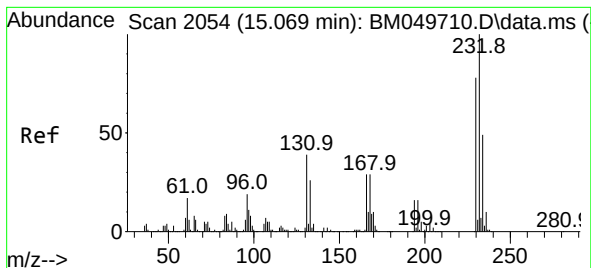
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#58
Fluorene
Concen: 51.944 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

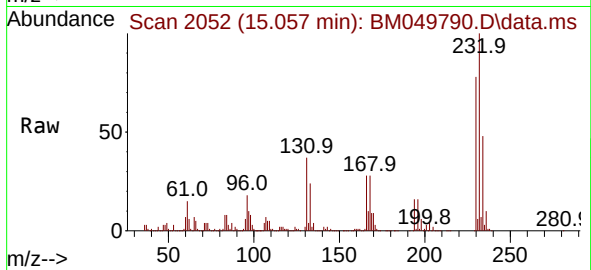
Tgt Ion:166 Resp: 2581609
Ion Ratio Lower Upper
166 100
165 96.6 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.323 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

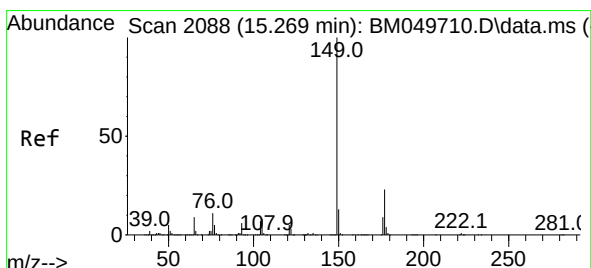
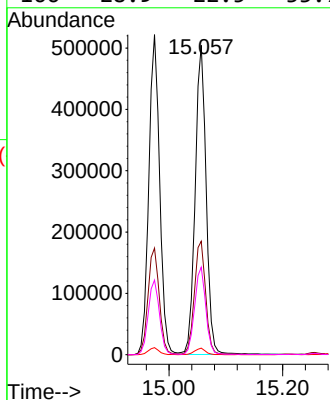
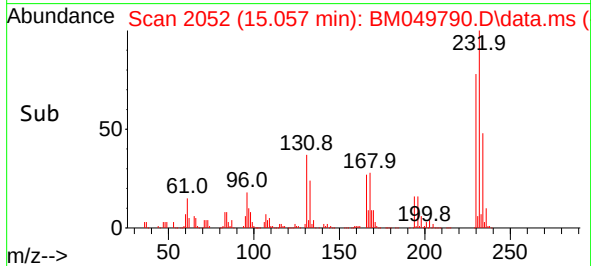
Instrument :
BNA_M
ClientSampleId :
TP-4MS



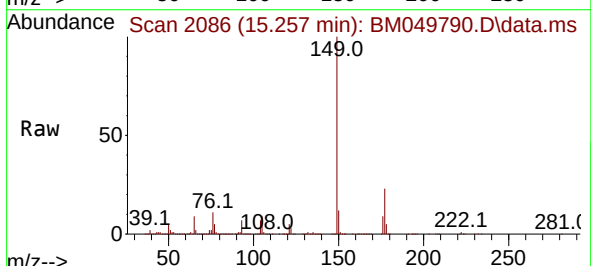
Tgt Ion:232 Resp: 679910
Ion Ratio Lower Upper
232 100
131 37.5 30.0 45.0
130 2.1 1.6 2.4
166 28.9 22.5 33.7

Manual Integrations
APPROVED

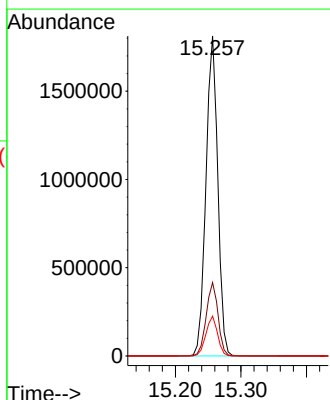
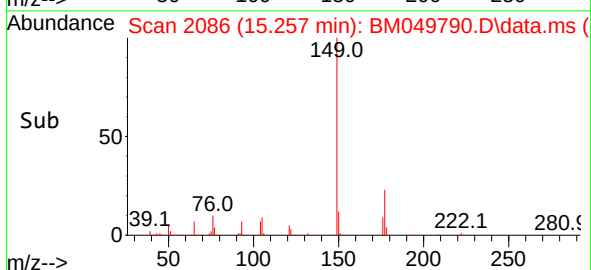
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

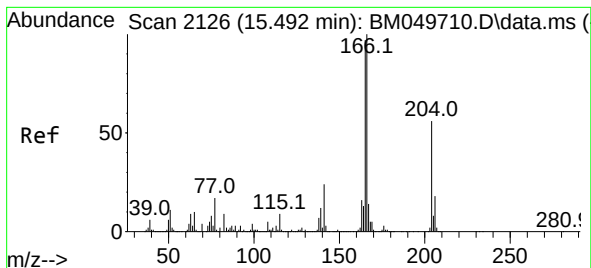


#60
Diethylphthalate
Concen: 52.616 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



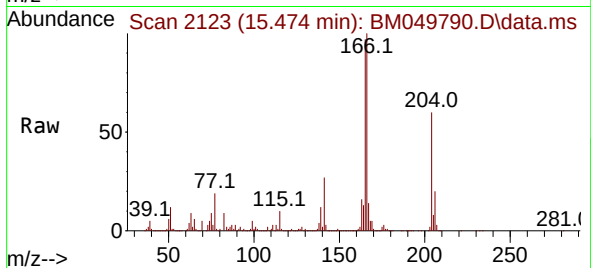
Tgt Ion:149 Resp: 2272395
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 51.495 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

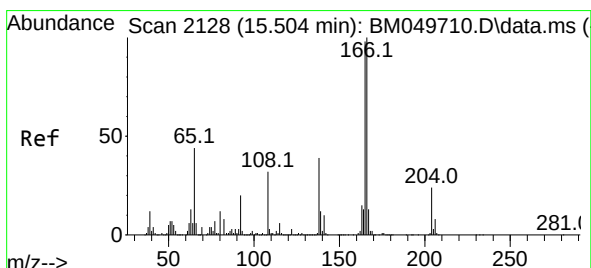
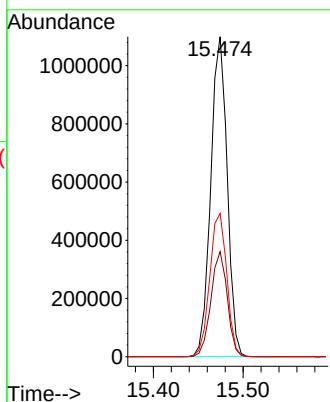
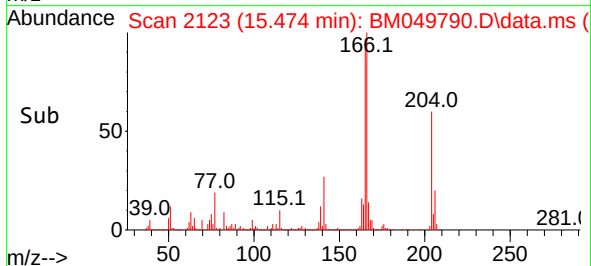
Instrument :
BNA_M
ClientSampleId :
TP-4MS



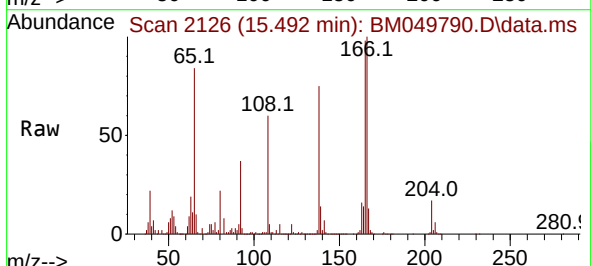
Tgt Ion:204 Resp: 139754
Ion Ratio Lower Upper
204 100
206 32.9 25.2 37.8
141 44.7 34.5 51.7

Manual Integrations
APPROVED

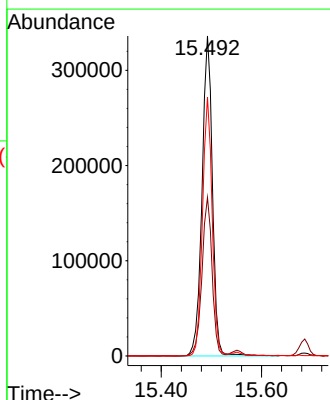
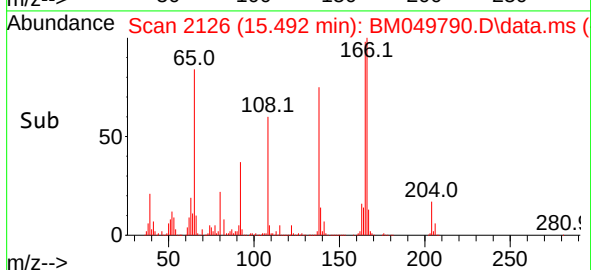
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

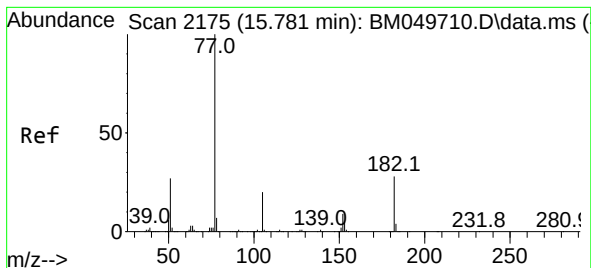


#62
4-Nitroaniline
Concen: 46.744 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



Tgt Ion:138 Resp: 485176
Ion Ratio Lower Upper
138 100
92 49.6 29.8 69.8
108 80.9 61.3 101.3





#63

Azobenzene

Concen: 54.424 ng

RT: 15.763 min Scan# 2175

Delta R.T. -0.018 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS

Tgt Ion: 77 Resp: 2245128

Ion Ratio Lower Upper

77 100

182 26.8 8.0 48.0

105 19.5 0.0 40.0

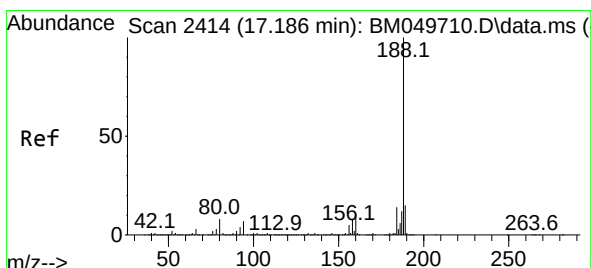
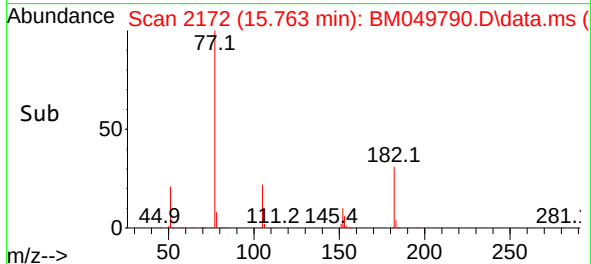
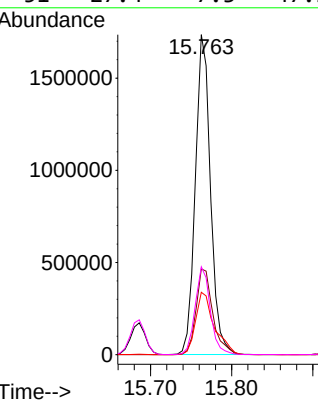
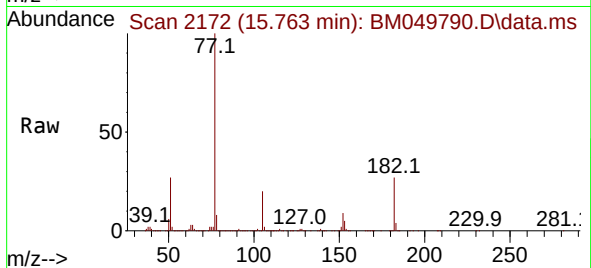
51 27.4 7.3 47.3

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: 17.168 min Scan# 2411

Delta R.T. -0.018 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

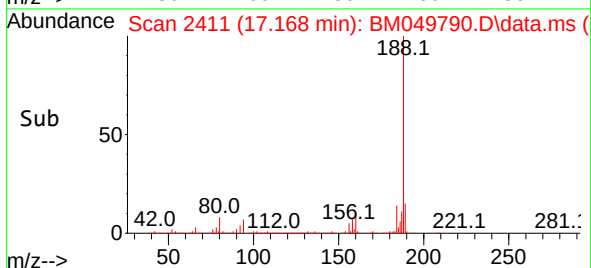
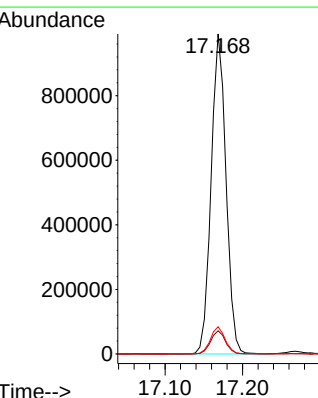
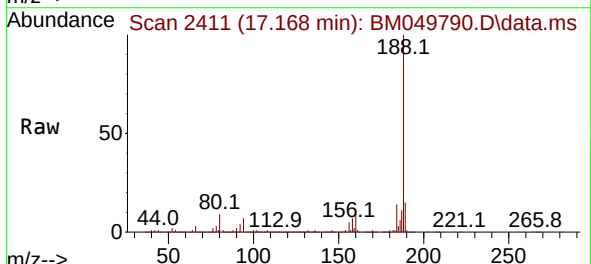
Tgt Ion:188 Resp: 1326774

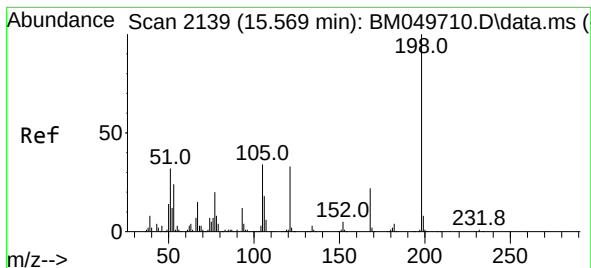
Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

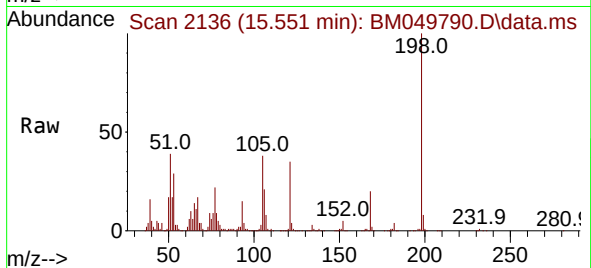
80 8.5 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 50.880 ng
RT: 15.551 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

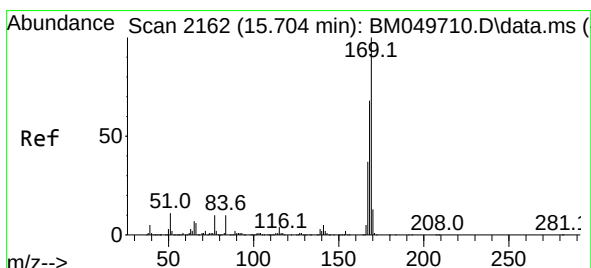
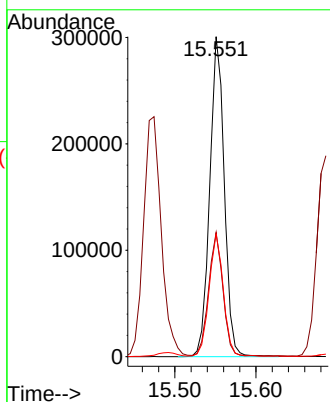
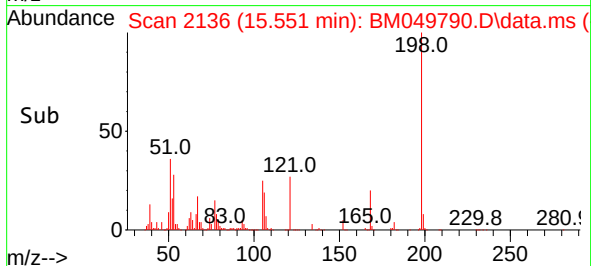
Instrument :
BNA_M
ClientSampleId :
TP-4MS



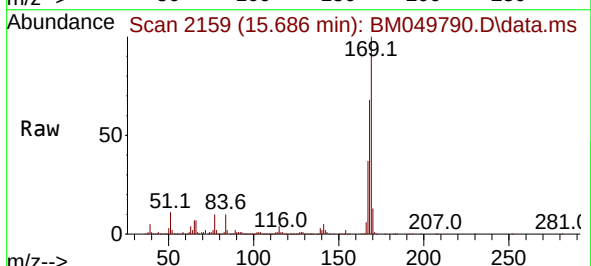
Tgt Ion:198 Resp: 372840
Ion Ratio Lower Upper
198 100
51 38.8 13.8 53.8
105 38.3 14.0 54.0

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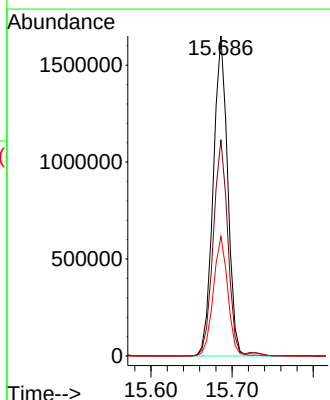
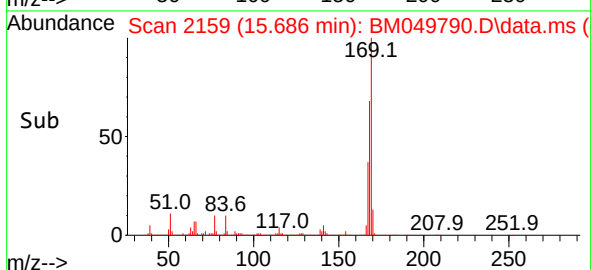
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

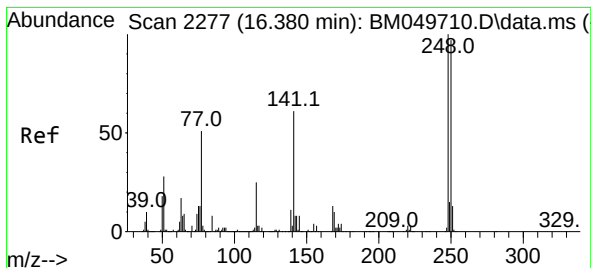


#66
n-Nitrosodiphenylamine
Concen: 50.846 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



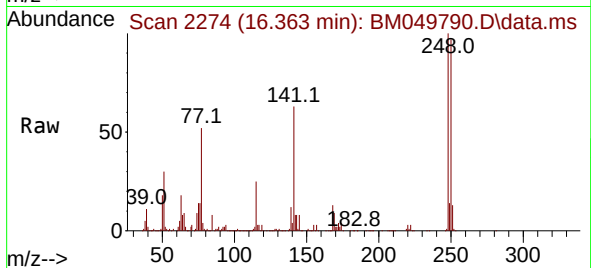
Tgt Ion:169 Resp: 2043931
Ion Ratio Lower Upper
169 100
168 67.6 54.8 82.2
167 37.3 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 50.518 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

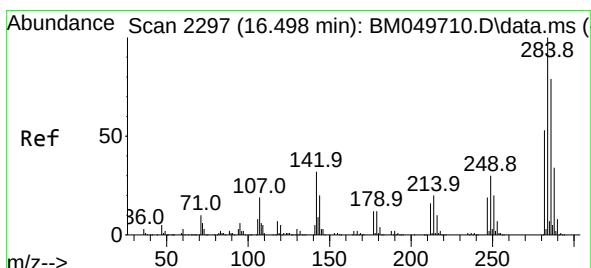
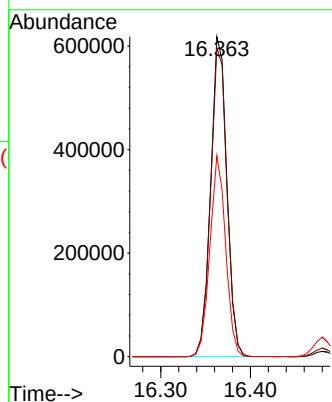
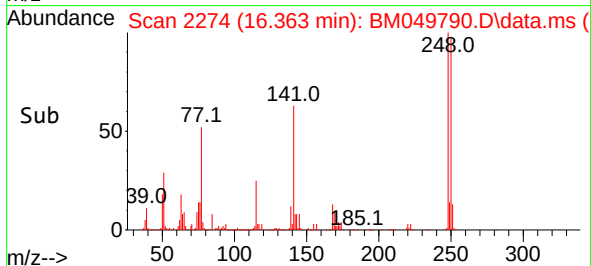
Instrument :
BNA_M
ClientSampleId :
TP-4MS



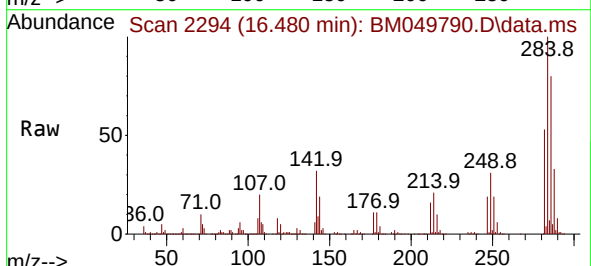
Tgt Ion:248 Resp: 773859
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 62.7 48.6 73.0

Manual Integrations
APPROVED

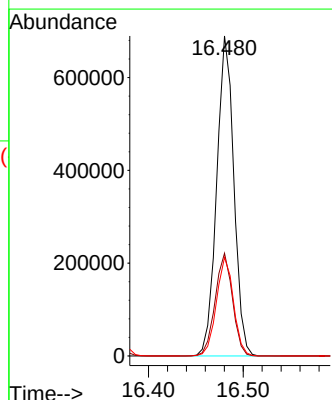
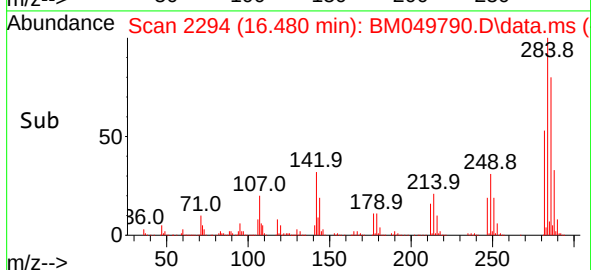
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

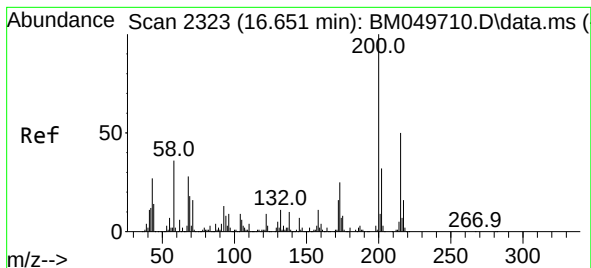


#68
Hexachlorobenzene
Concen: 50.358 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



Tgt Ion:284 Resp: 867459
Ion Ratio Lower Upper
284 100
142 32.1 25.5 38.3
249 30.8 24.2 36.2





#69

Atrazine

Concen: 82.628 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS

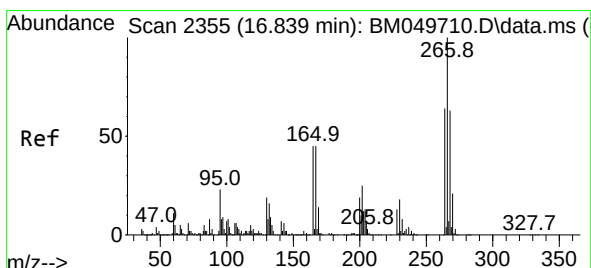
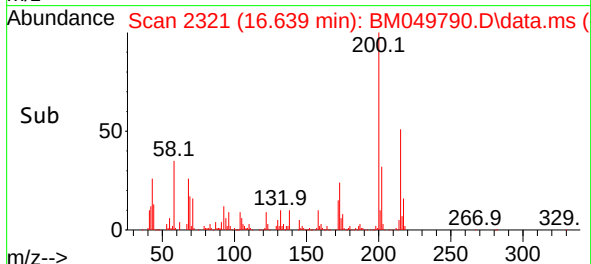
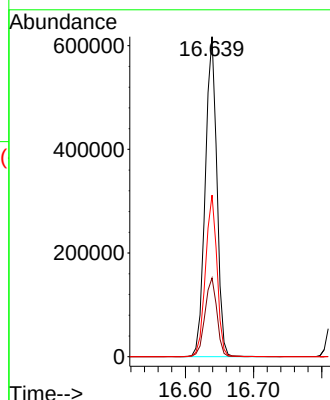
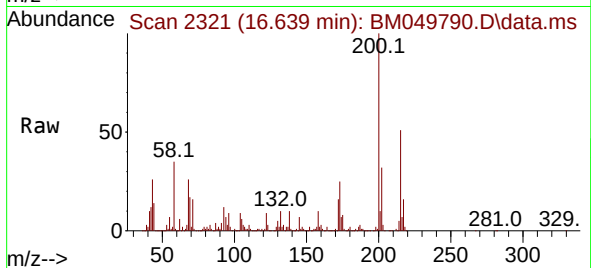
Tgt Ion:200 Resp: 73201
 Ion Ratio Lower Upper
 200 100
 173 24.6 5.4 45.4
 215 50.5 29.8 69.8

Manual Integrations

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Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#70

Pentachlorophenol

Concen: 119.317 ng

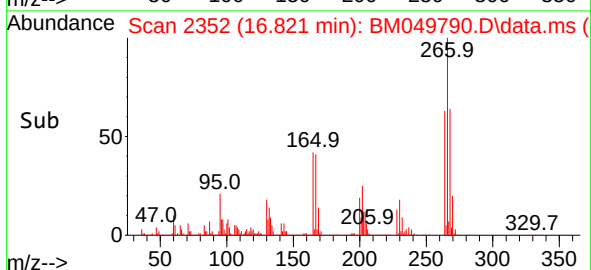
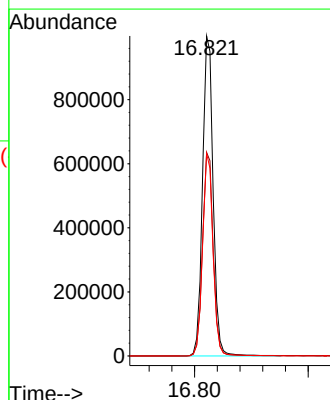
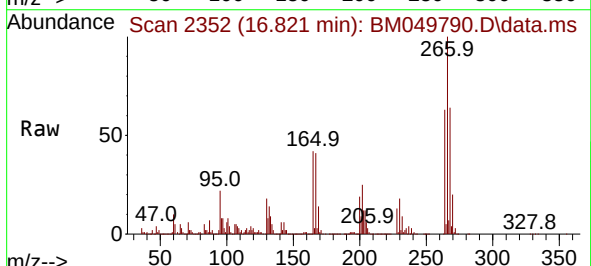
RT: 16.821 min Scan# 2352

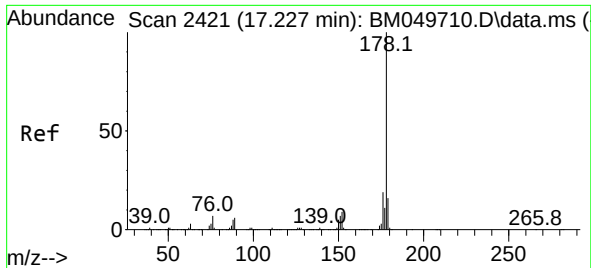
Delta R.T. -0.018 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

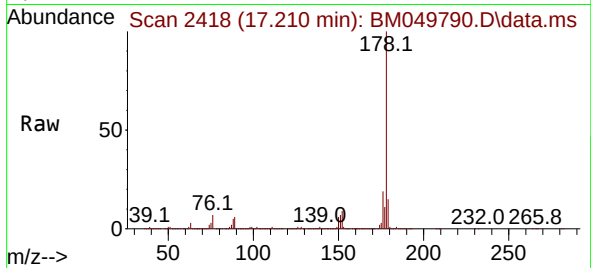
Tgt Ion:266 Resp: 1291634
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.2 75.2
 264 63.3 51.3 76.9





#71
Phenanthrene
Concen: 51.695 ng
RT: 17.210 min Scan# 2421
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

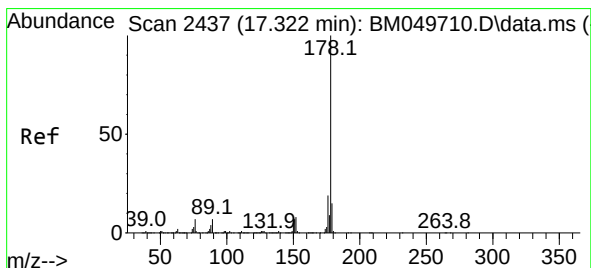
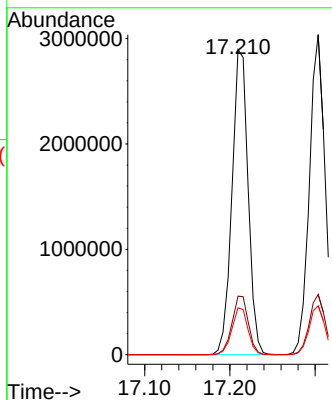
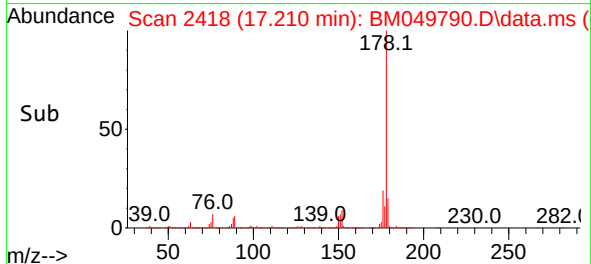
Instrument :
BNA_M
ClientSampleId :
TP-4MS



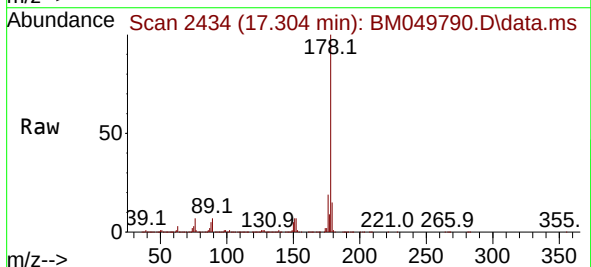
Tgt Ion:178 Resp: 3808500
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.5 18.7

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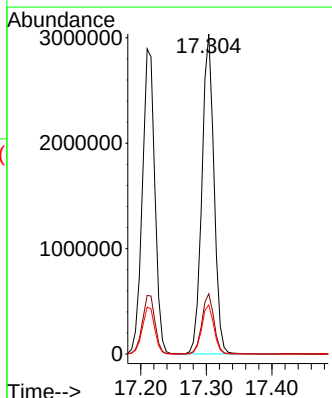
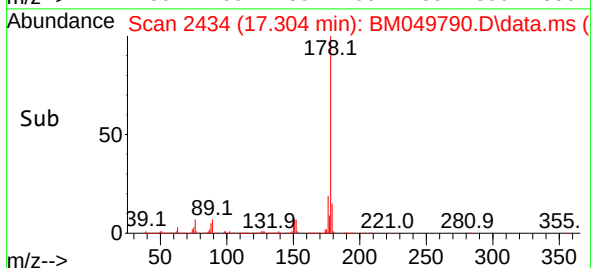
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

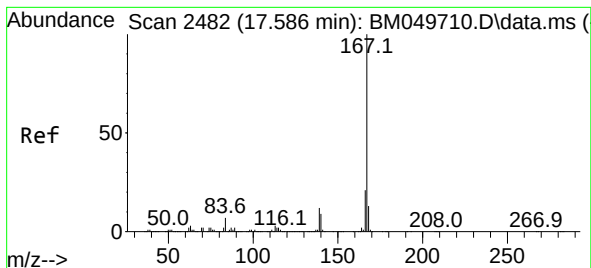


#72
Anthracene
Concen: 54.518 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



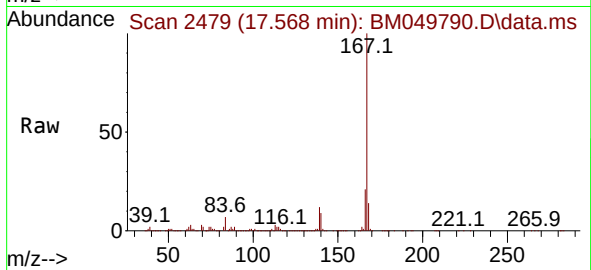
Tgt Ion:178 Resp: 3889796
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 53.392 ng
 RT: 17.568 min Scan# 2482
 Delta R.T. -0.018 min
 Lab File: BM049790.D
 Acq: 02 Apr 2025 14:46

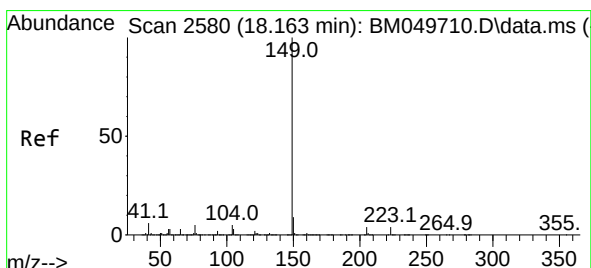
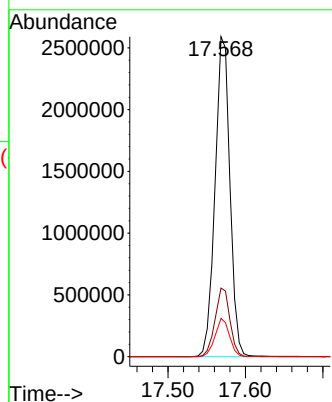
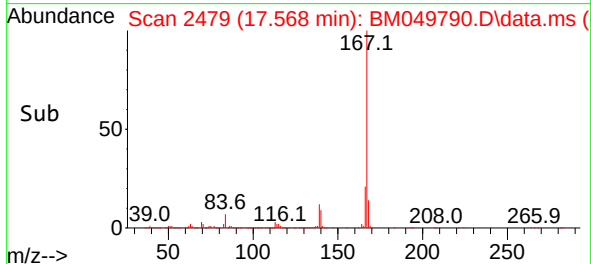
Instrument :
 BNA_M
 ClientSampleId :
 TP-4MS



Tgt Ion:167 Resp: 3449972
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 12.0 9.4 14.2

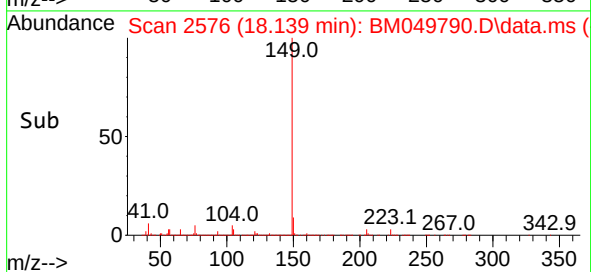
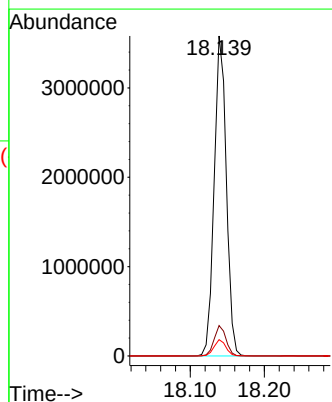
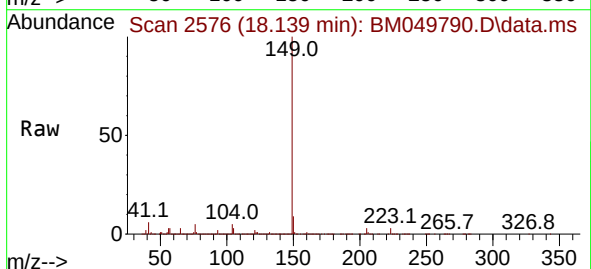
Manual Integrations
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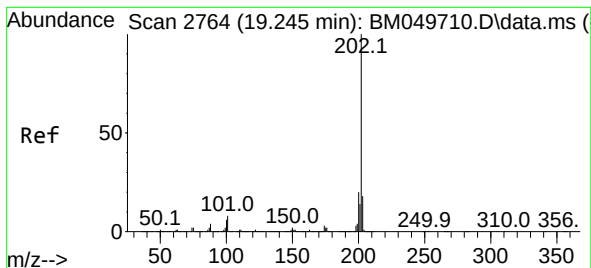
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025



#74
 Di-n-butylphthalate
 Concen: 57.375 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.024 min
 Lab File: BM049790.D
 Acq: 02 Apr 2025 14:46

Tgt Ion:149 Resp: 4063357
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 54.863 ng

RT: 19.227 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS

Tgt Ion:202 Resp: 465339

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.8

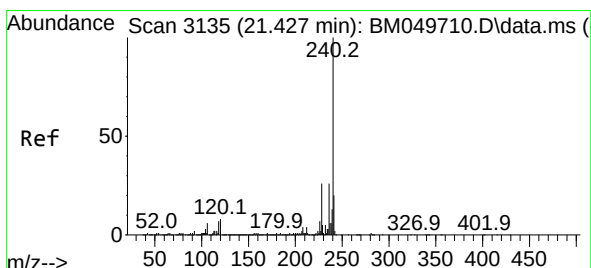
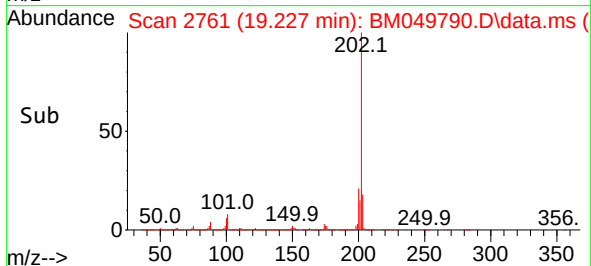
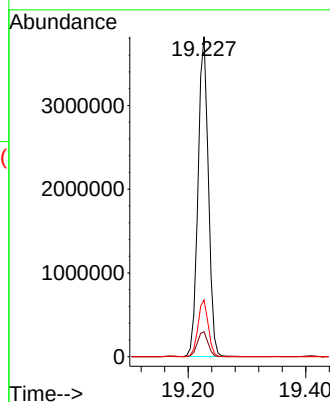
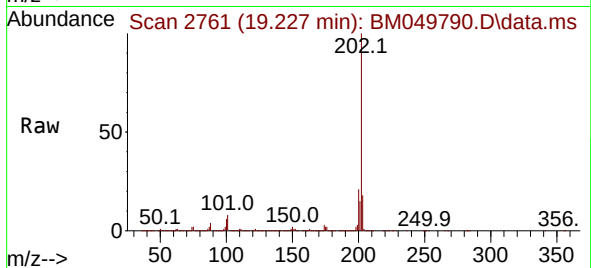
203 17.7 0.0 37.6

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: 21.403 min Scan# 3131

Delta R.T. -0.024 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

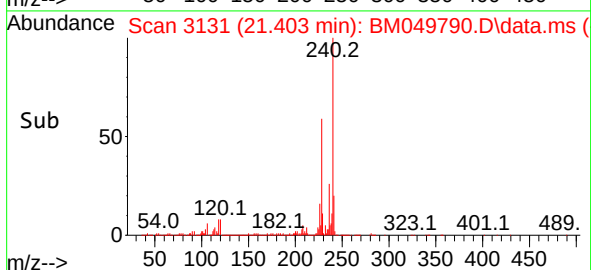
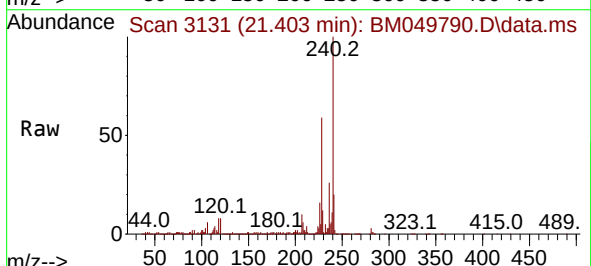
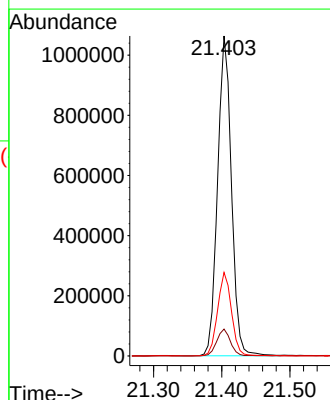
Tgt Ion:240 Resp: 1504663

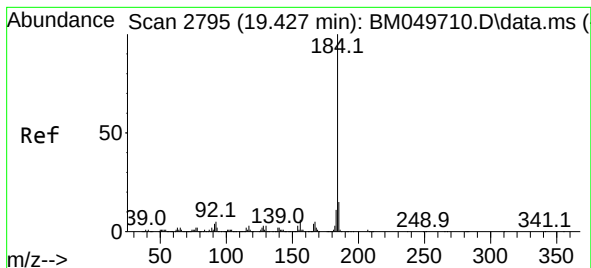
Ion Ratio Lower Upper

240 100

120 8.4 6.5 9.7

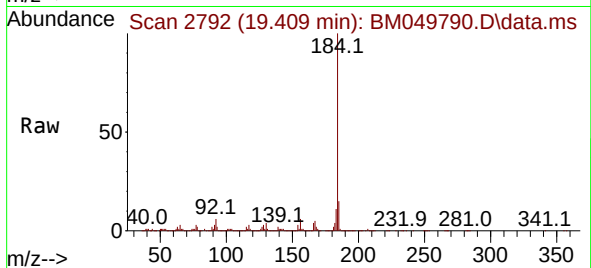
236 26.1 20.7 31.1





#77
Benzidine
Concen: 113.106 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

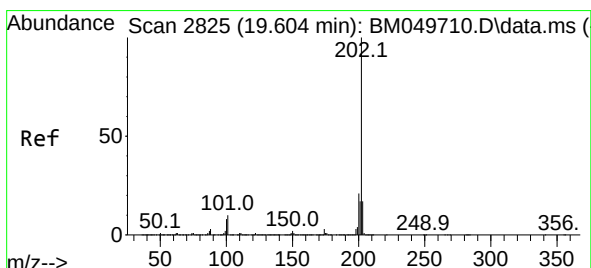
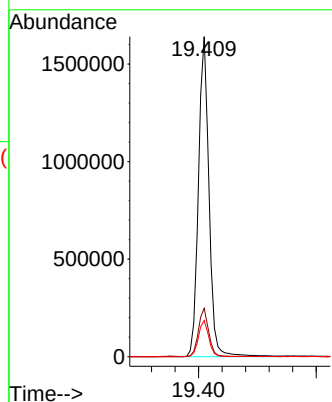
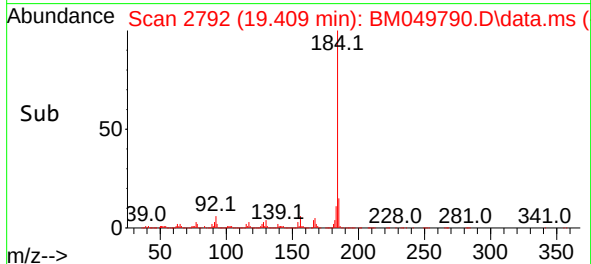
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:184 Resp: 204462
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 11.3 8.8 13.2

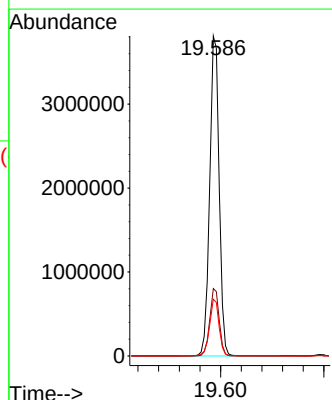
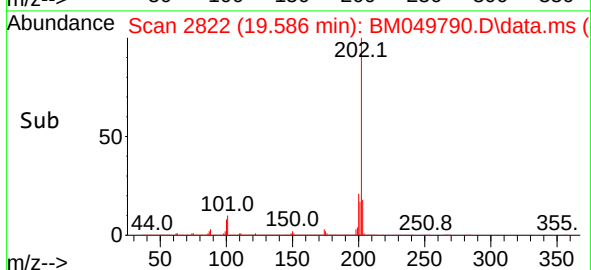
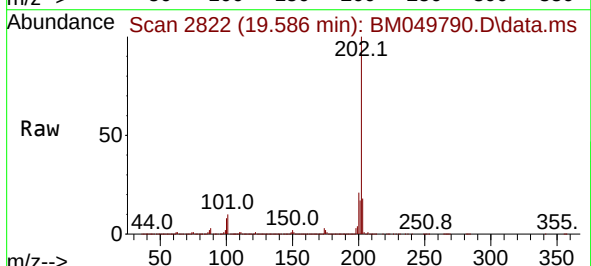
Manual Integrations
APPROVED

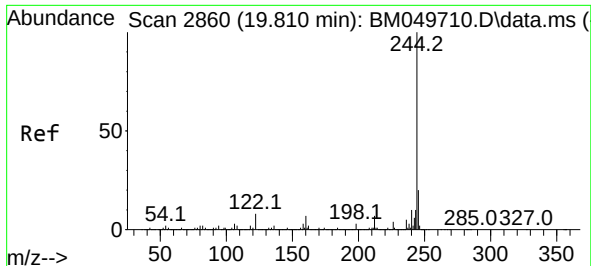
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#78
Pyrene
Concen: 46.019 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.018 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

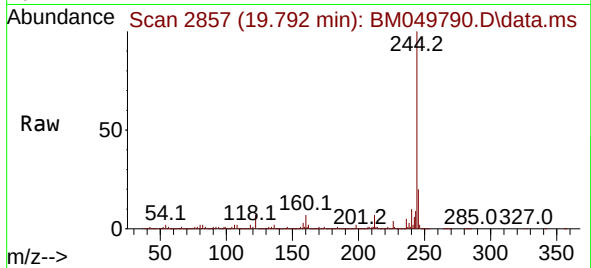
Tgt Ion:202 Resp: 4837699
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 65.355 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049790.D
 Acq: 02 Apr 2025 14:46

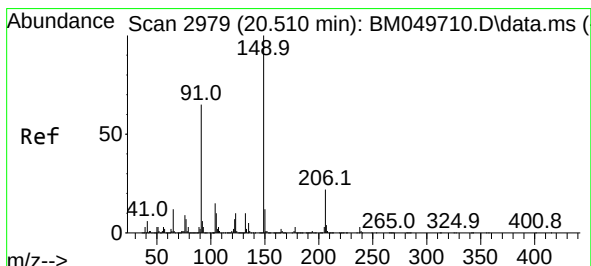
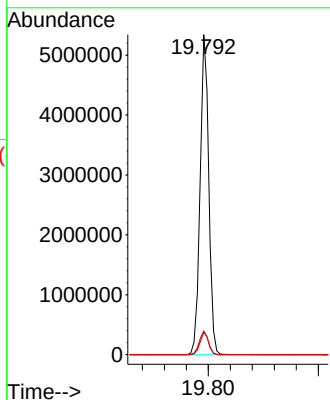
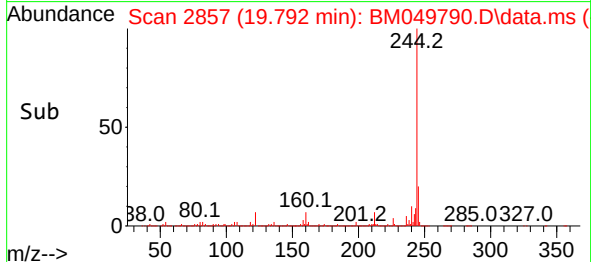
Instrument :
 BNA_M
 ClientSampleId :
 TP-4MS



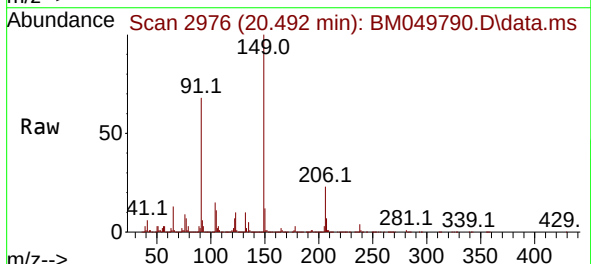
Tgt Ion:244 Resp: 5835594
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 7.4 6.0 9.0

Manual Integrations
 APPROVED

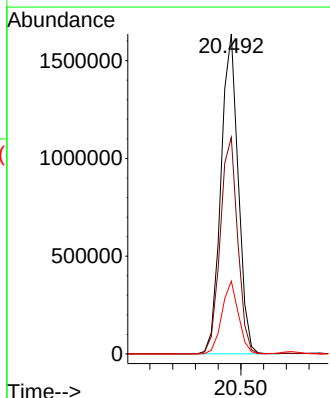
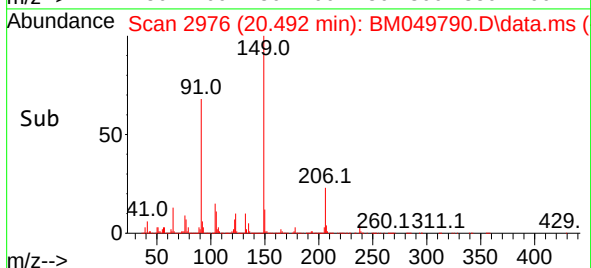
Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

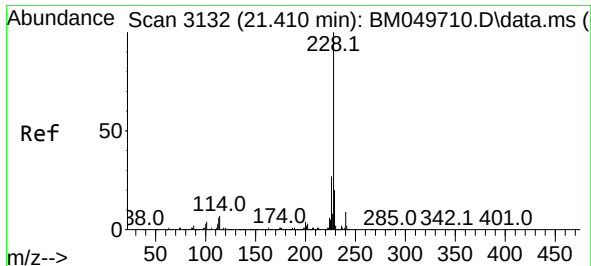


#80
 Butylbenzylphthalate
 Concen: 52.883 ng
 RT: 20.492 min Scan# 2976
 Delta R.T. -0.018 min
 Lab File: BM049790.D
 Acq: 02 Apr 2025 14:46



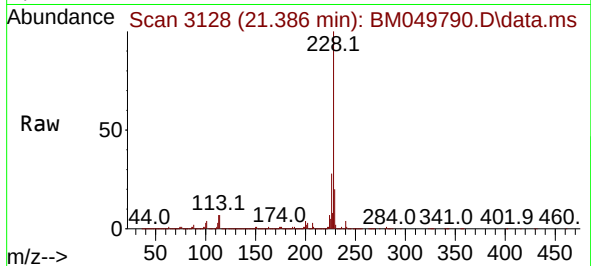
Tgt Ion:149 Resp: 1725264
 Ion Ratio Lower Upper
 149 100
 91 67.6 52.2 78.4
 206 22.7 17.6 26.4





#81
Benzo(a)anthracene
Concen: 48.389 ng
RT: 21.386 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

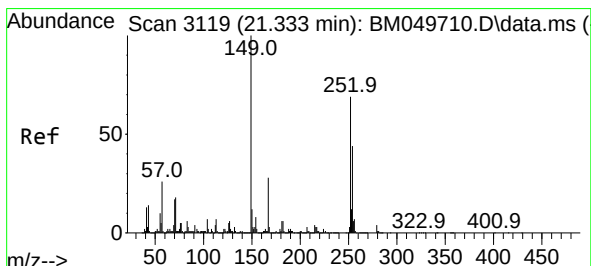
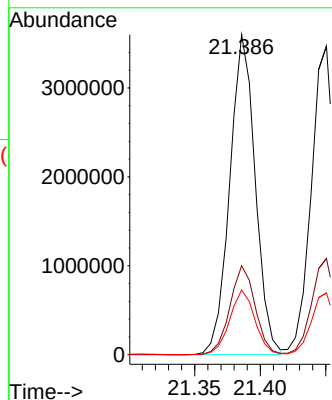
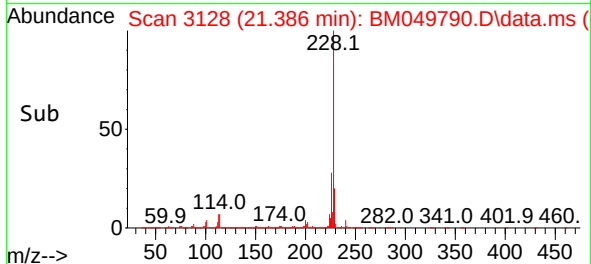
Instrument :
BNA_M
ClientSampleId :
TP-4MS



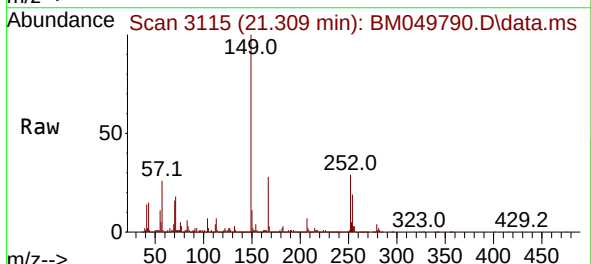
Tgt Ion:228 Resp: 486314
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.2 15.8 23.8

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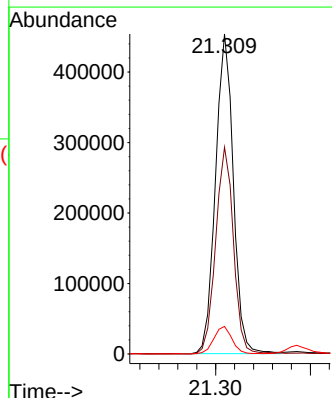
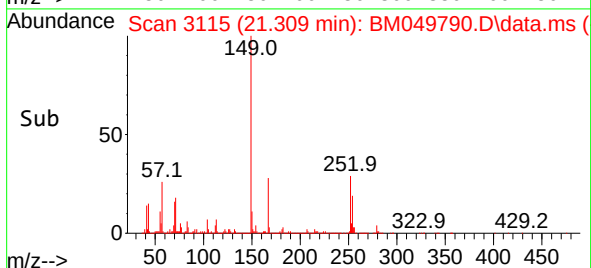
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025

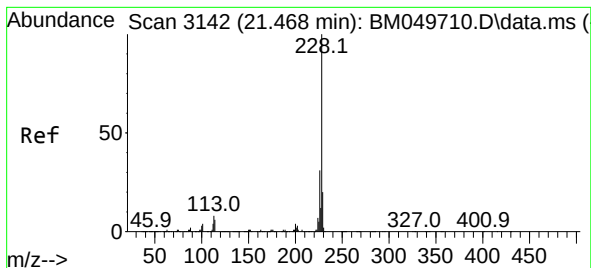


#82
3,3'-Dichlorobenzidine
Concen: 18.113 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46



Tgt Ion:252 Resp: 592681
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 8.6 6.3 9.5





#83

Chrysene

Concen: 47.624 ng

RT: 21.450 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS

Tgt Ion:228 Resp: 4537084

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

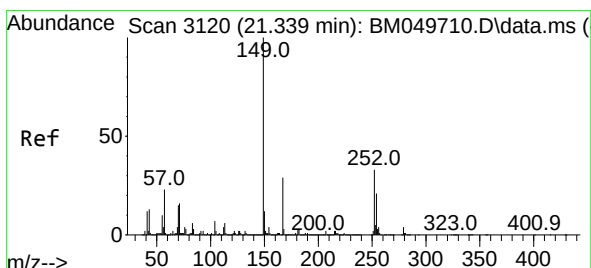
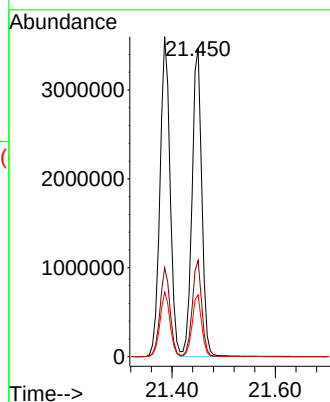
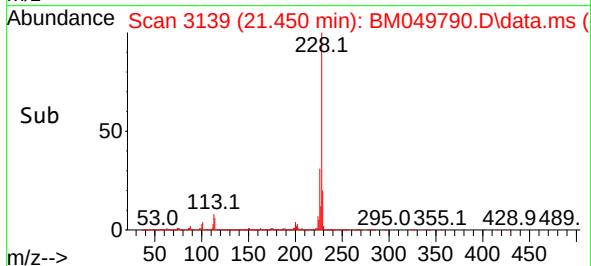
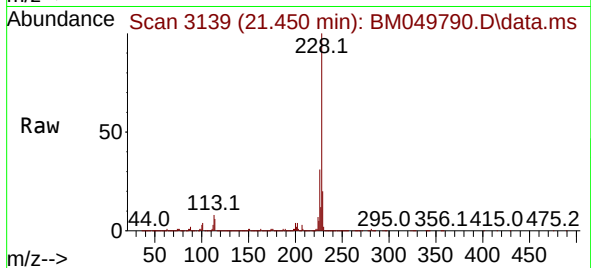
229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.320 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

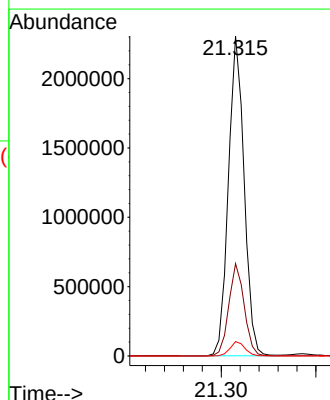
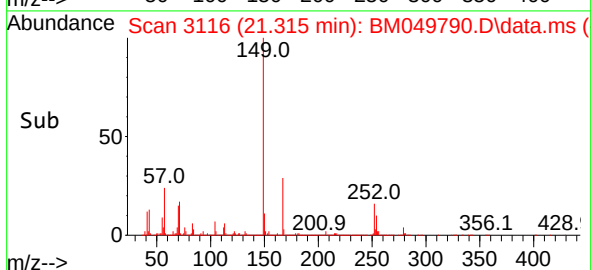
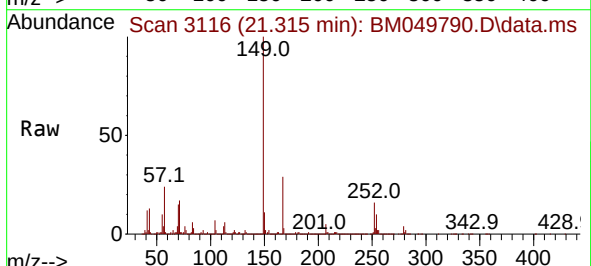
Tgt Ion:149 Resp: 2660108

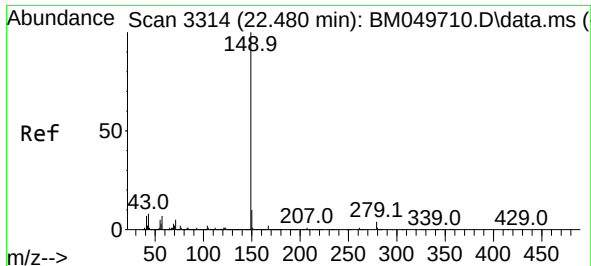
Ion Ratio Lower Upper

149 100

167 28.9 22.9 34.3

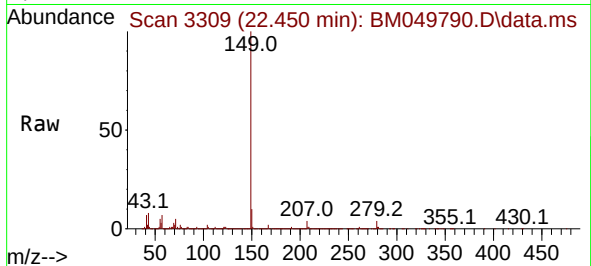
279 4.5 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 52.906 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

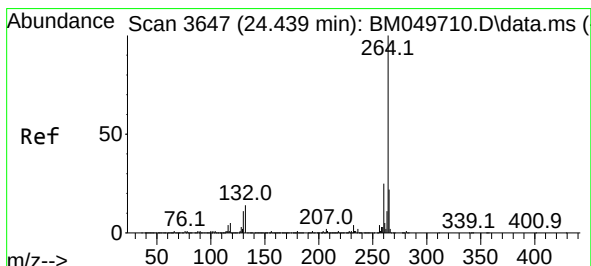
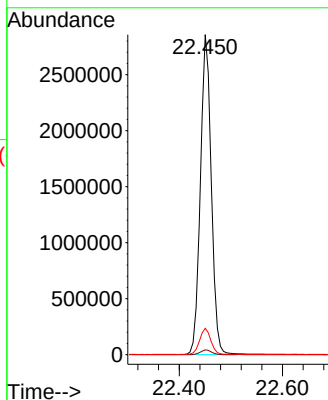
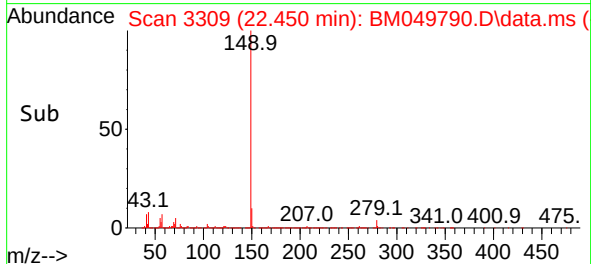
Instrument :
BNA_M
ClientSampleId :
TP-4MS



Tgt Ion:149 Resp: 418085
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 6.8 10.2

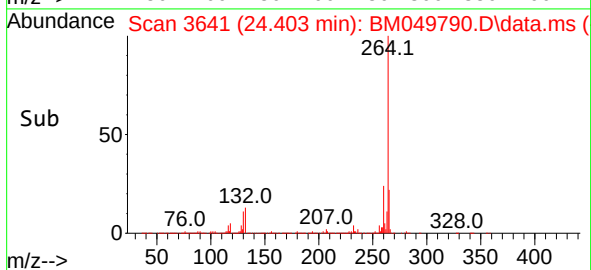
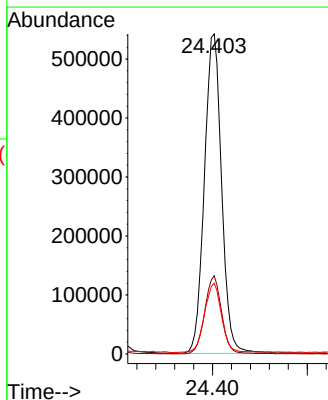
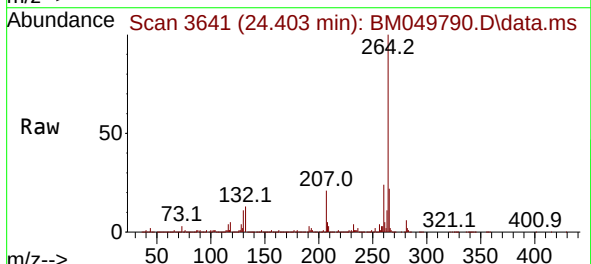
Manual Integrations
APPROVED

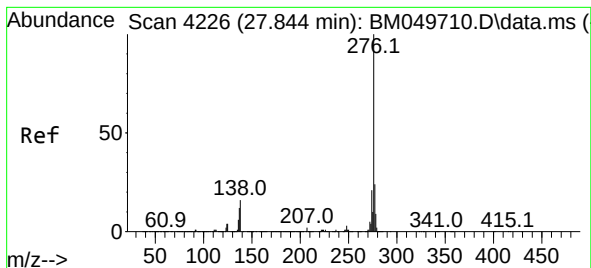
Reviewed By :Anahy Claudio 04/03/2025
Supervised By :Jagrut Upadhyay 04/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.036 min
Lab File: BM049790.D
Acq: 02 Apr 2025 14:46

Tgt Ion:264 Resp: 1365704
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.1 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.516 ng

RT: 27.785 min Scan# 41

Delta R.T. -0.059 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS

Tgt Ion:276 Resp: 5162214

Ion Ratio Lower Upper

276 100

138 20.6 16.3 24.5

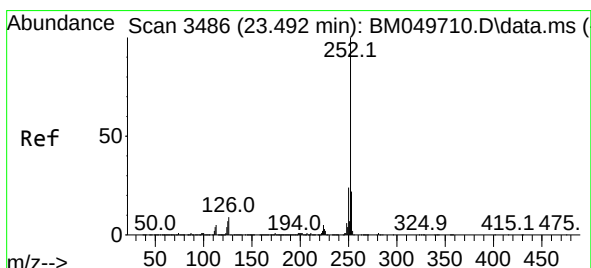
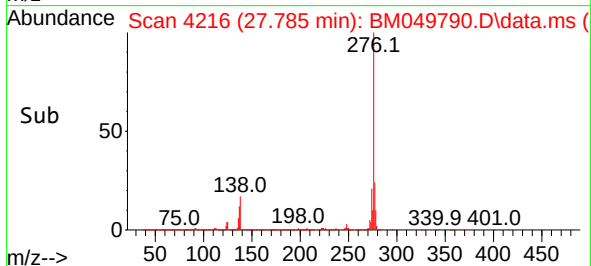
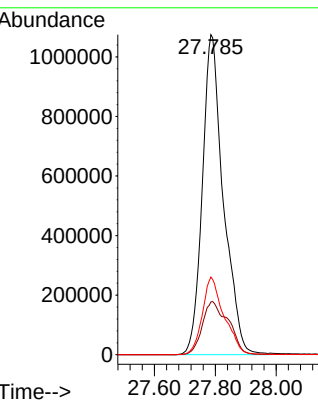
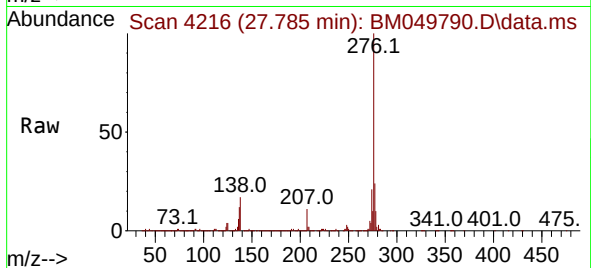
277 25.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#88

Benzo(b)fluoranthene

Concen: 47.730 ng

RT: 23.456 min Scan# 3480

Delta R.T. -0.036 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

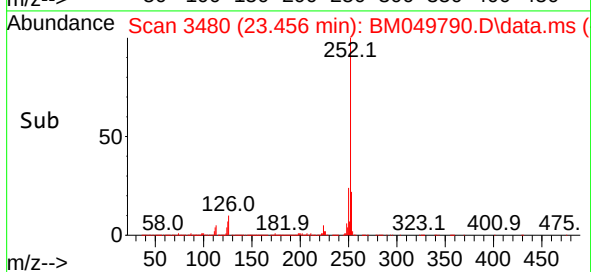
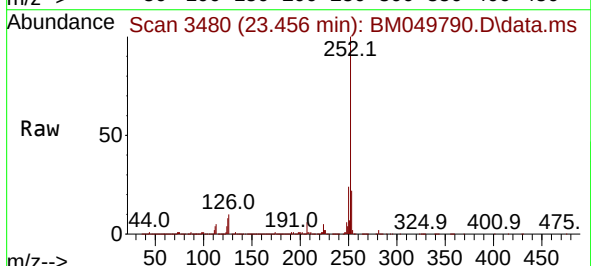
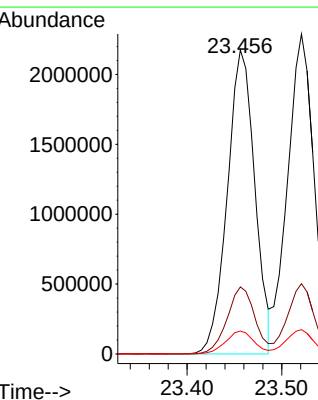
Tgt Ion:252 Resp: 4390404

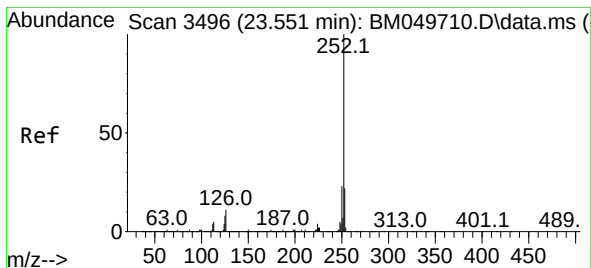
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 7.5 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 49.712 ng

RT: 23.521 min Scan# 34

Delta R.T. -0.030 min

Lab File: BM049790.D

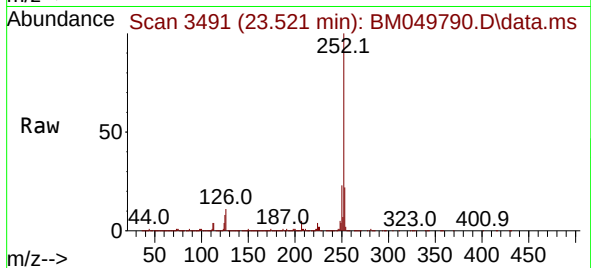
Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS



Tgt Ion:252 Resp: 4499534

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

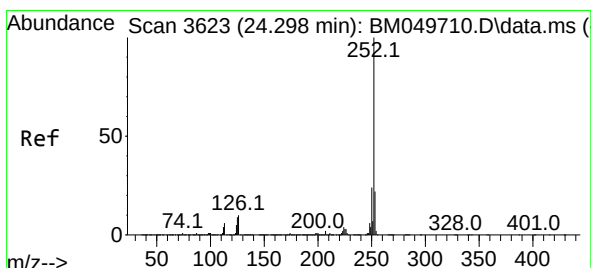
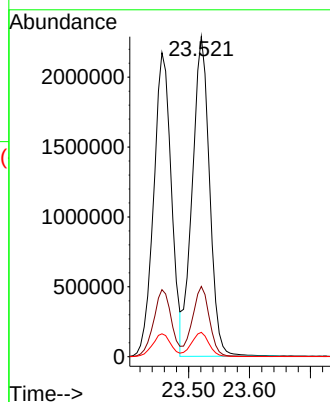
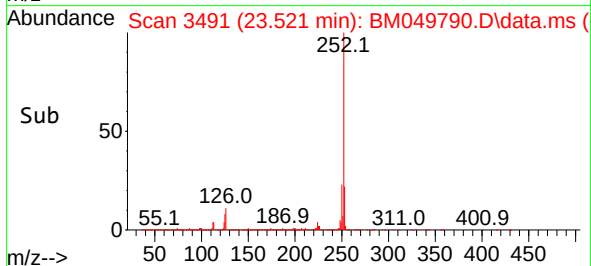
125 7.6 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#90

Benzo(a)pyrene

Concen: 53.772 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.036 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

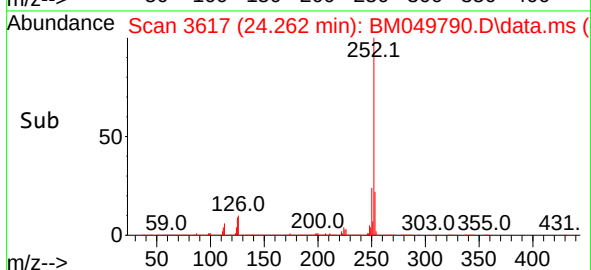
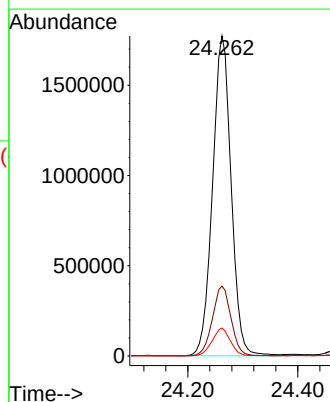
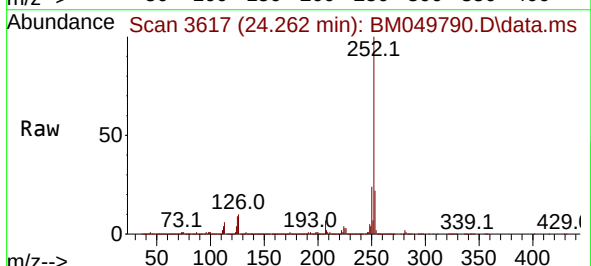
Tgt Ion:252 Resp: 4154634

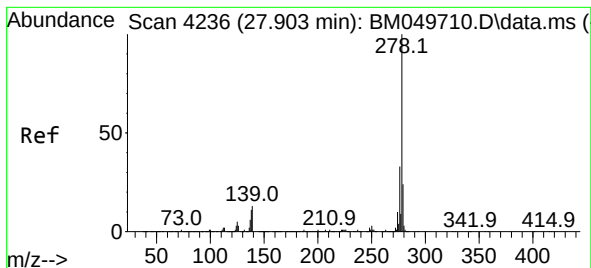
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.7 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 51.628 ng

RT: 27.844 min Scan# 41

Delta R.T. -0.059 min

Lab File: BM049790.D

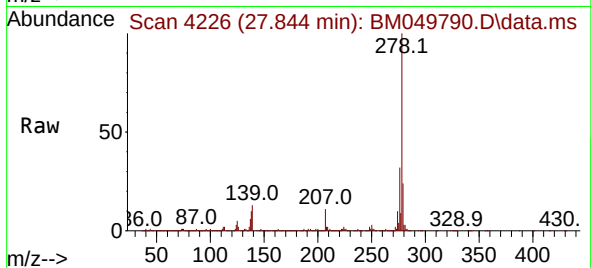
Acq: 02 Apr 2025 14:46

Instrument :

BNA_M

ClientSampleId :

TP-4MS



Tgt Ion:278 Resp: 422819

Ion Ratio Lower Upper

278 100

139 13.4 10.1 15.1

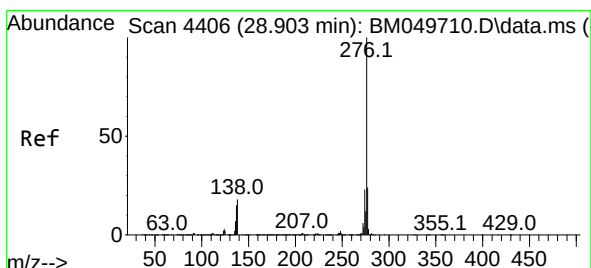
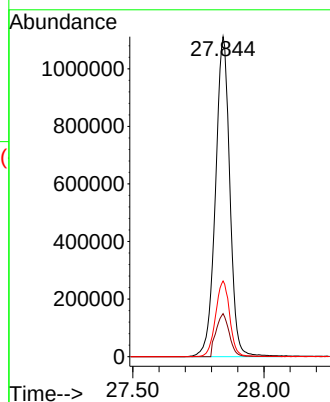
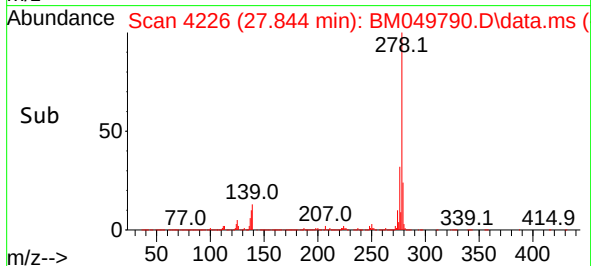
279 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/03/2025

Supervised By :Jagrut Upadhyay 04/03/2025



#92

Benzo(g,h,i)perylene

Concen: 49.422 ng

RT: 28.838 min Scan# 4395

Delta R.T. -0.065 min

Lab File: BM049790.D

Acq: 02 Apr 2025 14:46

Tgt Ion:276 Resp: 4076988

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 17.9 14.0 21.0

