

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049769.D
 Acq On : 01 Apr 2025 11:36
 Operator : RC/JU
 Sample : PB167400BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167400BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025

Quant Time: Apr 01 12:18:28 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	7.793	152	372571	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	1374712	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	870727	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1504264	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	1032236	20.000	ng	-0.02
86) Perylene-d12	24.409	264	806129	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3815465	172.797	ng	0.00
7) Phenol-d6	6.975	99	4710559	169.995	ng	0.00
23) Nitrobenzene-d5	8.951	82	2715728	101.425	ng	-0.01
42) 2,4,6-Tribromophenol	15.927	330	1934500	190.263	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	7310185	105.143	ng	0.00
79) Terphenyl-d14	19.798	244	8687581	141.824	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	362859	37.962	ng	99
3) Pyridine	3.675	79	1046876	42.885	ng	96
4) n-Nitrosodimethylamine	3.581	42	540014	49.996	ng	97
6) Aniline	7.122	93	879731	37.895	ng	99
8) 2-Chlorophenol	7.363	128	1222403	55.905	ng	99
9) Benzaldehyde	6.928	77	750097	54.757	ng	98
10) Phenol	6.999	94	1585190	58.998	ng	98
11) bis(2-Chloroethyl)ether	7.216	93	1176286	54.062	ng	97
12) 1,3-Dichlorobenzene	7.687	146	1385892	52.154	ng	99
13) 1,4-Dichlorobenzene	7.828	146	1414446	52.762	ng	97
14) 1,2-Dichlorobenzene	8.146	146	1347833	52.903	ng	99
15) Benzyl Alcohol	8.040	79	1002302	57.639	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1489838m	58.259	ng	
17) 2-Methylphenol	8.246	107	980694	61.478	ng	99
18) Hexachloroethane	8.875	117	499592	52.772	ng	97
19) n-Nitroso-di-n-propyla...	8.610	70	973998	60.618	ng	98
20) 3+4-Methylphenols	8.569	107	1314784	61.503	ng	97
22) Acetophenone	8.616	105	1856573	52.377	ng	# 98
24) Nitrobenzene	8.993	77	1298639	51.436	ng	99
25) Isophorone	9.528	82	2357881	57.355	ng	100
26) 2-Nitrophenol	9.704	139	573126	53.334	ng	98
27) 2,4-Dimethylphenol	9.775	122	1088502	79.579	ng	98
28) bis(2-Chloroethoxy)met...	10.004	93	1557545	53.792	ng	99
29) 2,4-Dichlorophenol	10.240	162	1233528	55.344	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	1436871	51.527	ng	99
31) Naphthalene	10.640	128	3598857	50.912	ng	99
32) Benzoic acid	9.934	122	590976	50.802	ng	98
33) 4-Chloroaniline	10.745	127	192940	7.998	ng	97
34) Hexachlorobutadiene	10.934	225	888796	51.630	ng	99
35) Caprolactam	11.539	113	267808m	51.754	ng	
36) 4-Chloro-3-methylphenol	11.881	107	1058828	55.357	ng	100
37) 2-Methylnaphthalene	12.257	142	2388605	48.324	ng	99
38) 1-Methylnaphthalene	12.475	142	2525728	52.963	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1829064	57.188	ng	98
41) Hexachlorocyclopentadiene	12.610	237	2819216	237.931	ng	98
43) 2,4,6-Trichlorophenol	12.869	196	1003851	56.041	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	1077926	55.144	ng	99
46) 1,1'-Biphenyl	13.269	154	3538836	52.734	ng	100
47) 2-Chloronaphthalene	13.310	162	2742056	52.495	ng	99
48) 2-Nitroaniline	13.510	65	638148	54.422	ng	98
49) Acenaphthylene	14.157	152	4230749	57.946	ng	99
50) Dimethylphthalate	13.898	163	3132921	52.260	ng	100
51) 2,6-Dinitrotoluene	14.010	165	647036	53.866	ng	96
52) Acenaphthene	14.498	154	2531721	52.863	ng	99
53) 3-Nitroaniline	14.333	138	175565	15.359	ng	99
54) 2,4-Dinitrophenol	14.545	184	770357	94.063	ng	93
55) Dibenzofuran	14.833	168	3999087	50.112	ng	100
56) 4-Nitrophenol	14.657	139	1074527	107.994	ng	99
57) 2,4-Dinitrotoluene	14.798	165	875134	56.618	ng	99
58) Fluorene	15.486	166	3649258	56.165	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	879370	53.742	ng	99
60) Diethylphthalate	15.263	149	2932175	51.932	ng	100
61) 4-Chlorophenyl-phenyle...	15.480	204	2006438	56.552	ng	98
62) 4-Nitroaniline	15.504	138	571895	42.516	ng	96
63) Azobenzene	15.774	77	2863223	53.091	ng	99
65) 4,6-Dinitro-2-methylph...	15.563	198	448823	53.272	ng	99
66) n-Nitrosodiphenylamine	15.692	169	2737224	60.058	ng	99
67) 4-Bromophenyl-phenylether	16.374	248	1007589	58.015	ng	97
68) Hexachlorobenzene	16.486	284	1113744	57.026	ng	99
69) Atrazine	16.645	200	856274	85.250	ng	99
70) Pentachlorophenol	16.833	266	1573838	128.232	ng	98
71) Phenanthrene	17.221	178	4710906	56.399	ng	100
72) Anthracene	17.310	178	4759595	58.838	ng	100
73) Carbazole	17.574	167	3919599	53.503	ng	99
74) Di-n-butylphthalate	18.151	149	4313405	53.719	ng	100
75) Fluoranthene	19.233	202	4771391	49.617	ng	100
77) Benzidine	19.415	184	1148880	92.642	ng	100
78) Pyrene	19.592	202	4842028	67.140	ng	99
80) Butylbenzylphthalate	20.498	149	1334372	59.621	ng	98
81) Benzo(a)anthracene	21.392	228	3841507	55.717	ng	100
82) 3,3'-Dichlorobenzidine	21.315	252	410663	18.294	ng	98
83) Chrysene	21.456	228	3521837	53.886	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1852182	53.102	ng	98
85) Di-n-octyl phthalate	22.462	149	2497893	46.076	ng	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	3110662	53.612	ng	99
88) Benzo(b)fluoranthene	23.468	252	2911235	53.618	ng	99
89) Benzo(k)fluoranthene	23.527	252	2973965	55.665	ng	99
90) Benzo(a)pyrene	24.274	252	2713110	59.490	ng	99
91) Dibenzo(a,h)anthracene	27.862	278	2568105	53.125	ng	99
92) Benzo(g,h,i)perylene	28.856	276	2475637	50.842	ng	100

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

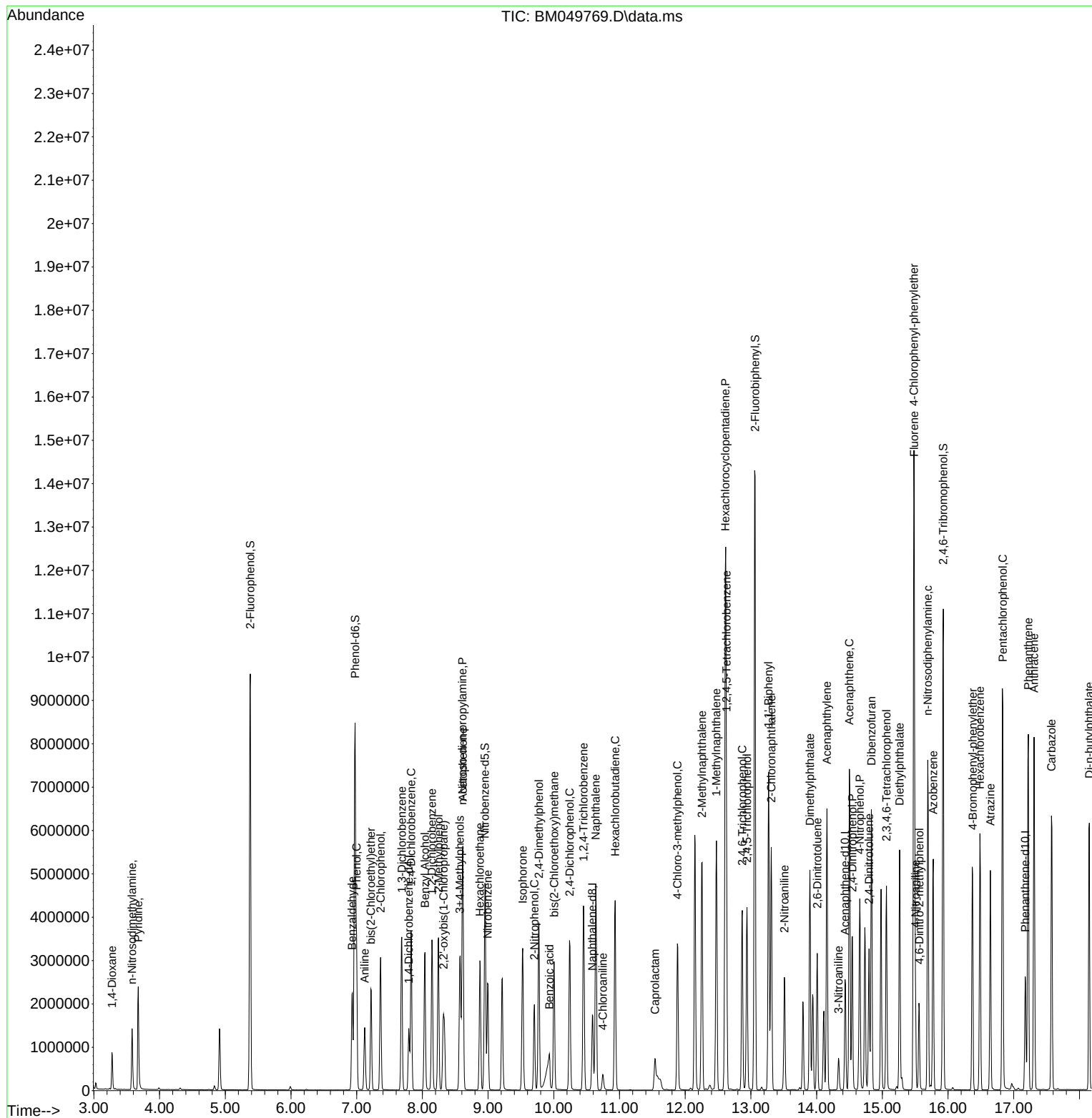
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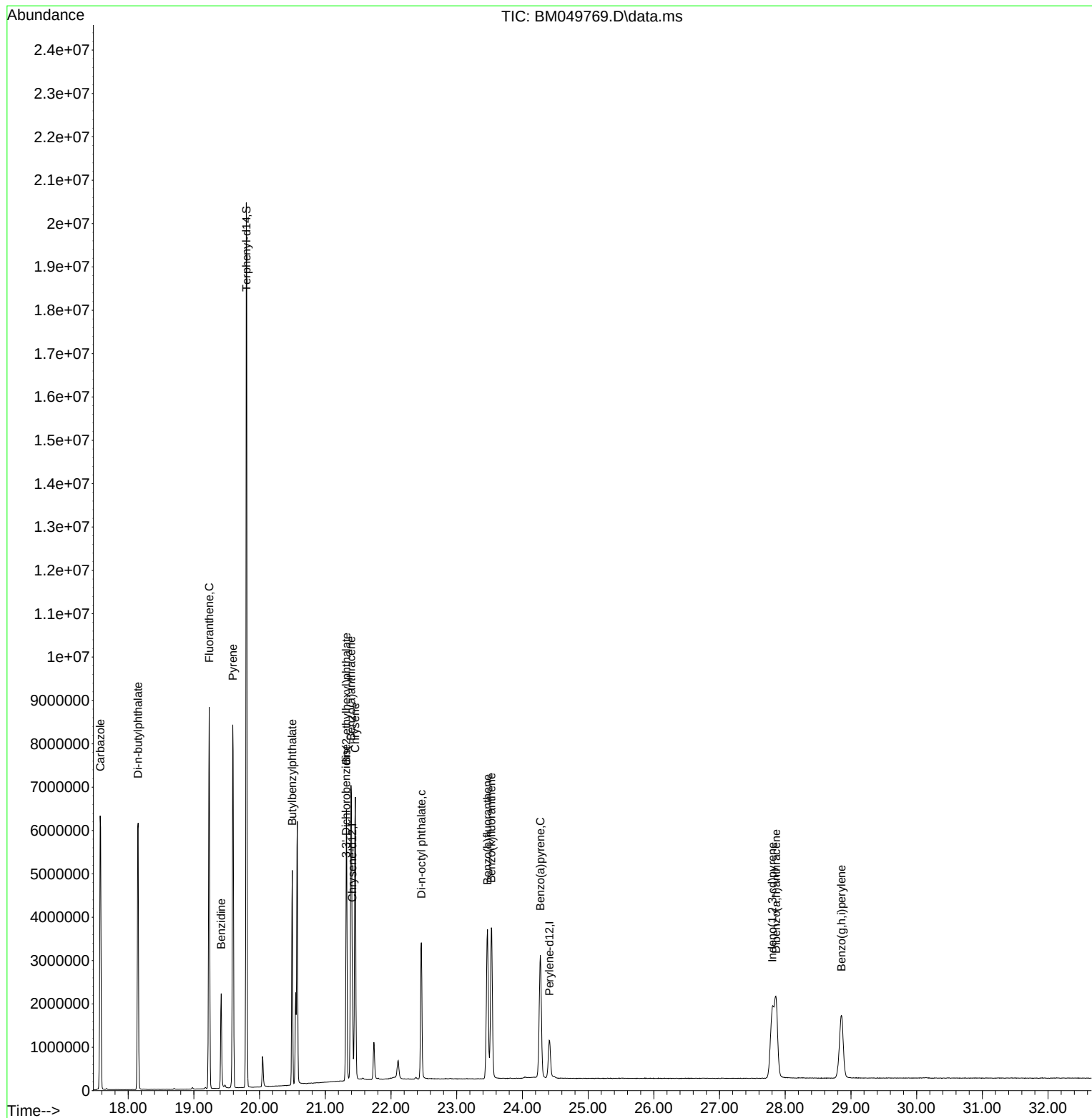
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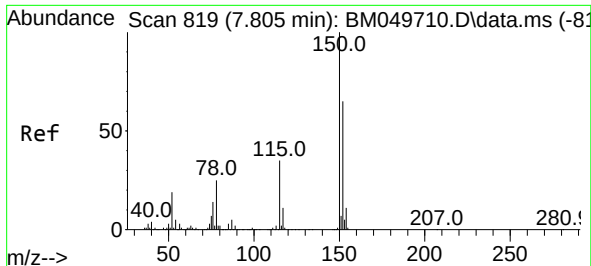
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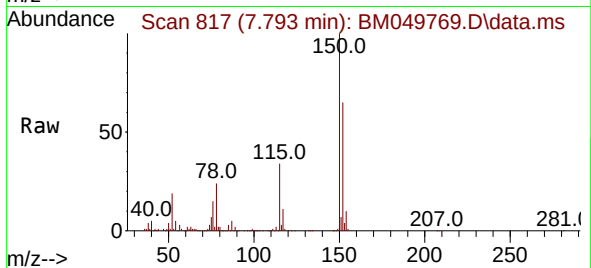
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM049769.D
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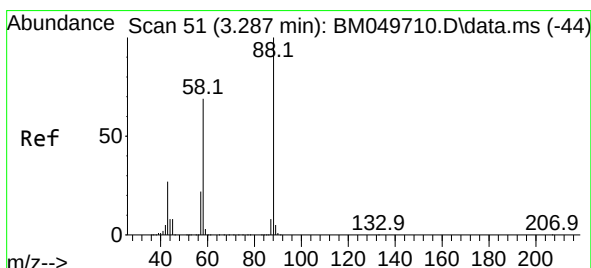
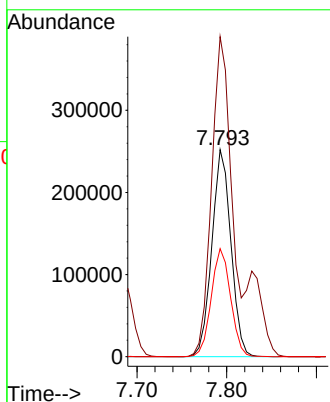
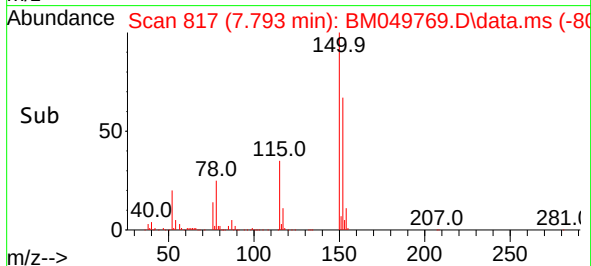
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Tgt Ion: 152 Resp: 37257
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.8
115 52.2 43.0 64.6

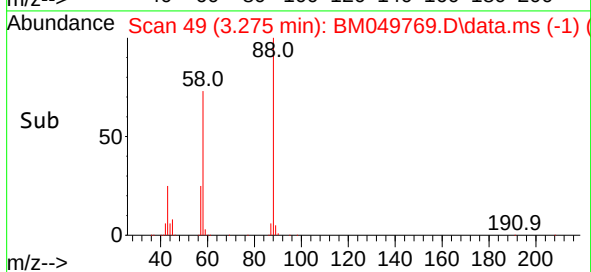
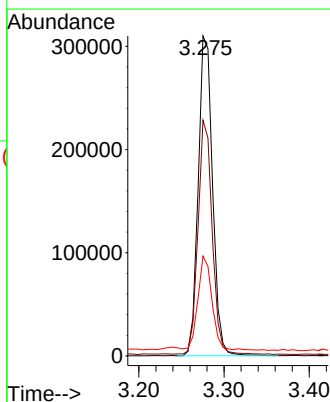
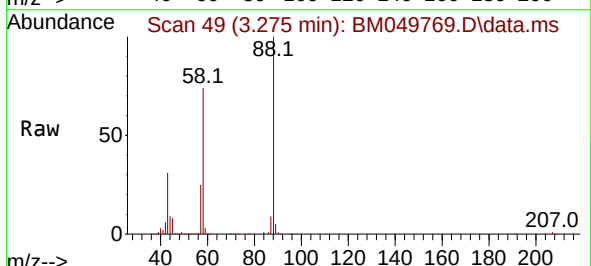
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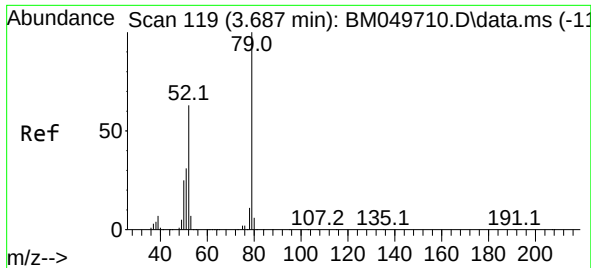
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#2
1,4-Dioxane
Concen: 37.962 ng
RT: 3.275 min Scan# 49
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

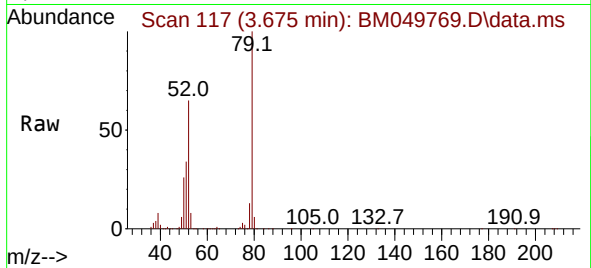
Tgt Ion: 88 Resp: 362859
Ion Ratio Lower Upper
88 100
58 72.2 56.7 85.1
43 28.2 22.6 34.0





#3
Pyridine
Concen: 42.885 ng
RT: 3.675 min Scan# 119
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

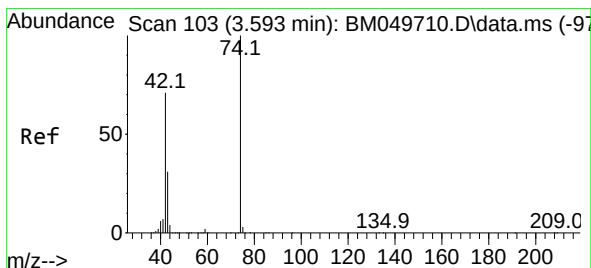
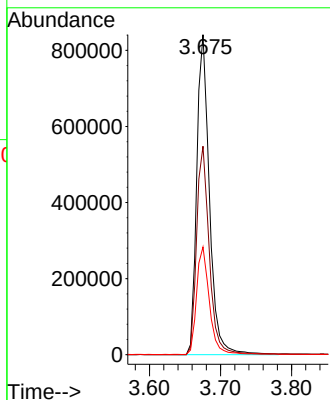
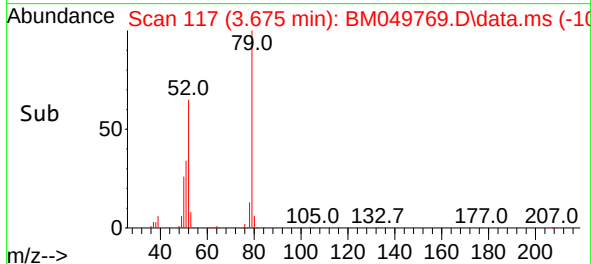
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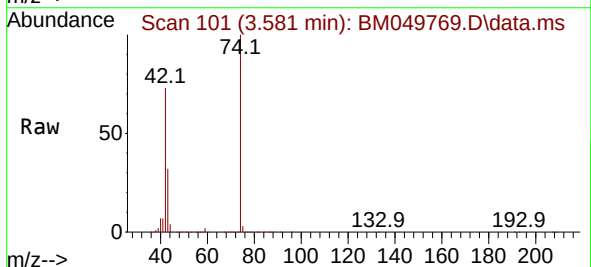
Tgt Ion: 79 Resp: 1046870
Ion Ratio Lower Upper
79 100
52 65.2 50.1 75.1
51 33.7 25.2 37.8

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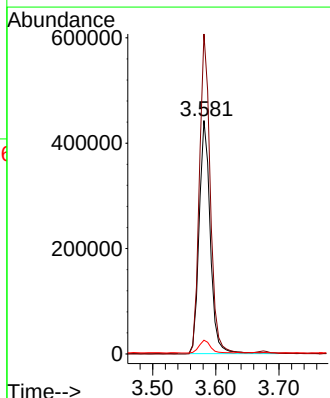
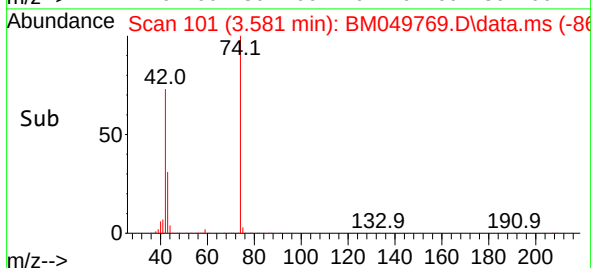
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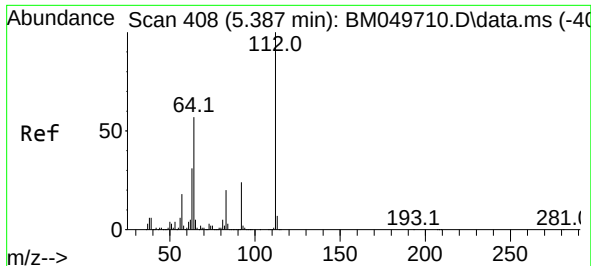


#4
n-Nitrosodimethylamine
Concen: 49.996 ng
RT: 3.581 min Scan# 101
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



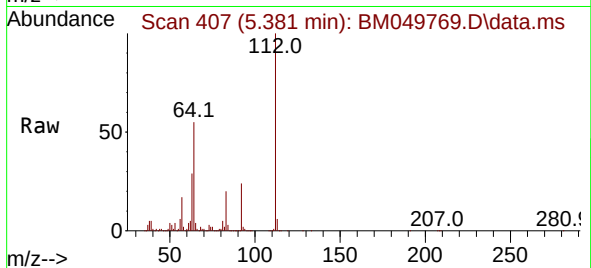
Tgt Ion: 42 Resp: 540014
Ion Ratio Lower Upper
42 100
74 137.1 112.6 168.8
44 5.9 5.0 7.6





#5
2-Fluorophenol
Concen: 172.797 ng
RT: 5.381 min Scan# 408
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

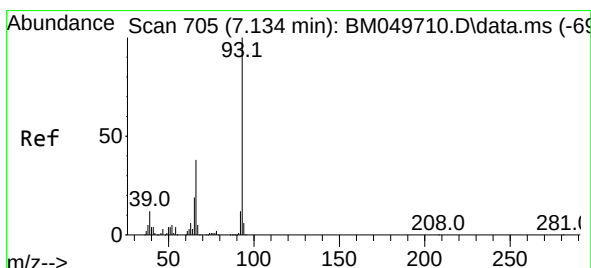
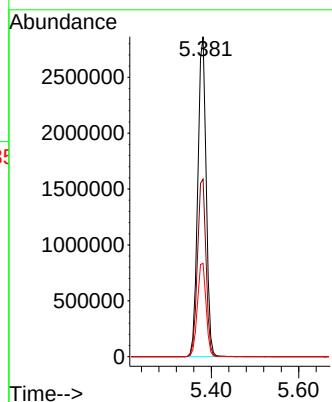
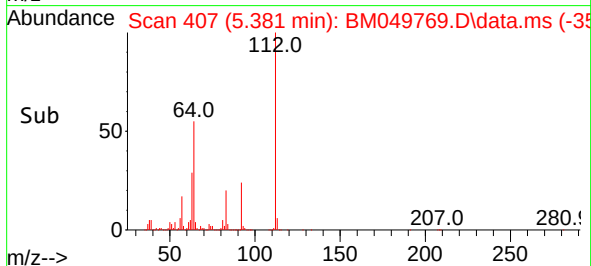
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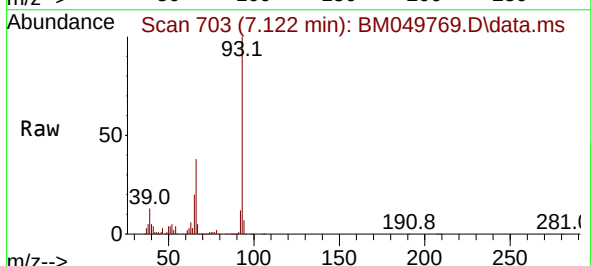
Tgt Ion: 112 Resp: 381546
Ion Ratio Lower Upper
112 100
64 55.4 45.3 67.9
63 29.1 24.4 36.6

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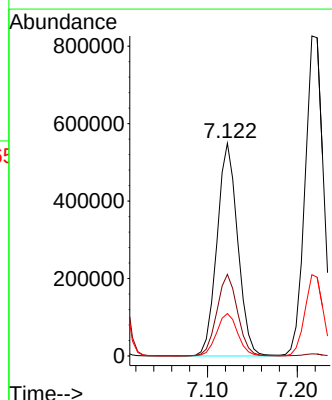
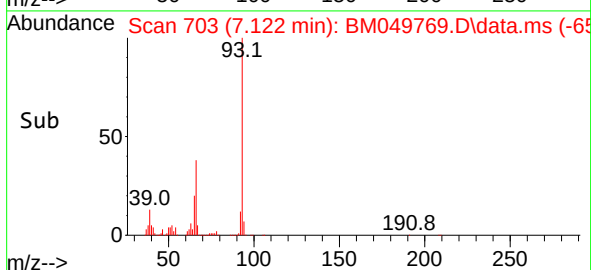
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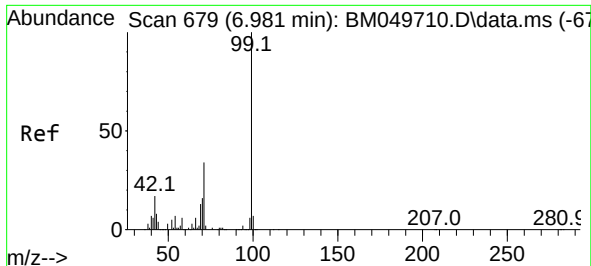


#6
Aniline
Concen: 37.895 ng
RT: 7.122 min Scan# 703
Delta R.T. -0.012 min
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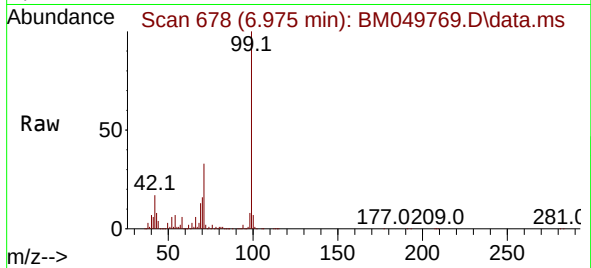
Tgt Ion: 93 Resp: 879731
Ion Ratio Lower Upper
93 100
66 38.4 30.6 46.0
65 19.9 15.4 23.2





#7
Phenol-d6
Concen: 169.995 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
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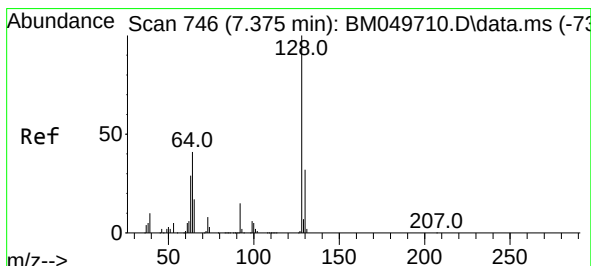
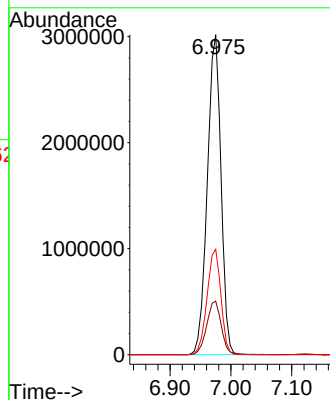
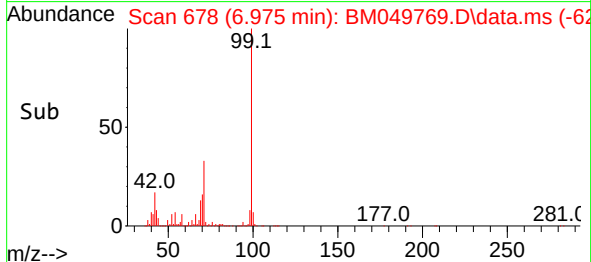
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Tgt Ion: 99 Resp: 4710559
Ion Ratio Lower Upper
99 100
42 16.8 13.6 20.4
71 33.0 27.0 40.6

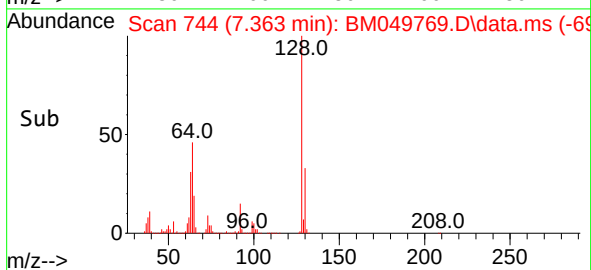
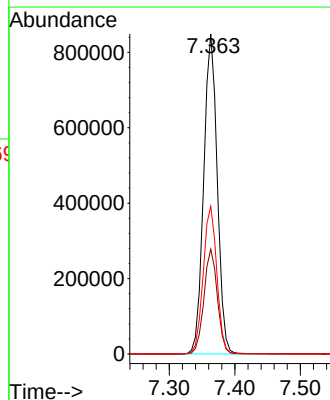
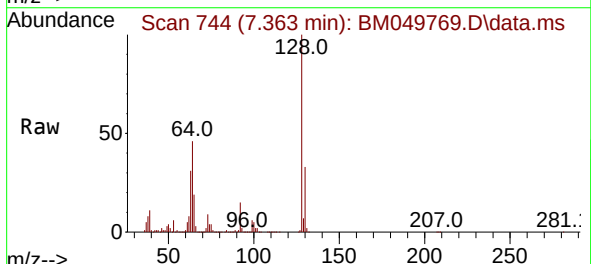
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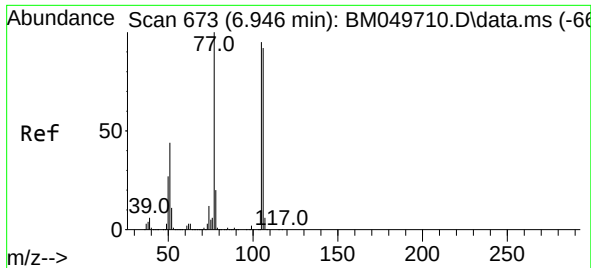
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#8
2-Chlorophenol
Concen: 55.905 ng
RT: 7.363 min Scan# 744
Delta R.T. -0.012 min
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Tgt Ion:128 Resp: 1222403
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 46.2 24.9 64.9





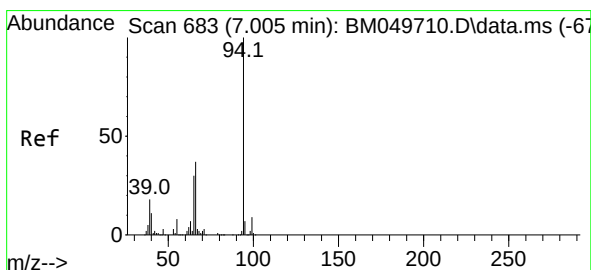
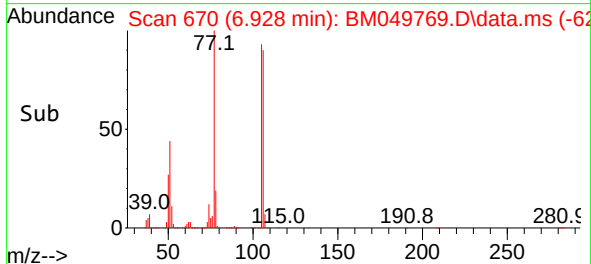
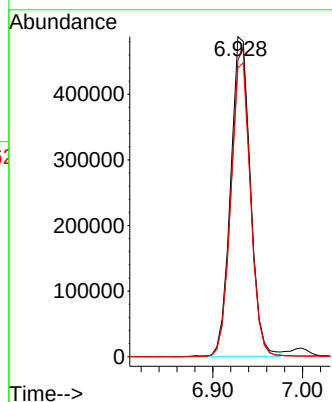
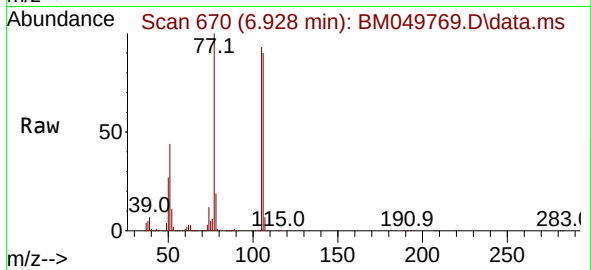
#9
Benzaldehyde
Concen: 54.757 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :
BNA_M
ClientSampleId :
PB167400BS

Tgt Ion: 77 Resp: 75009
Ion Ratio Lower Upper
77 100
105 92.7 75.0 115.0
106 90.3 72.3 112.3

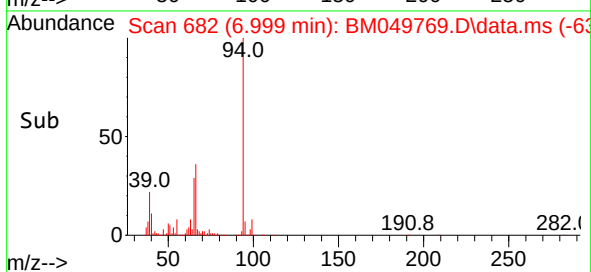
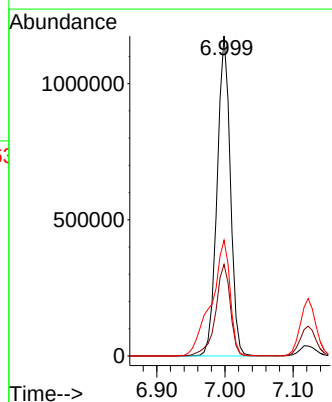
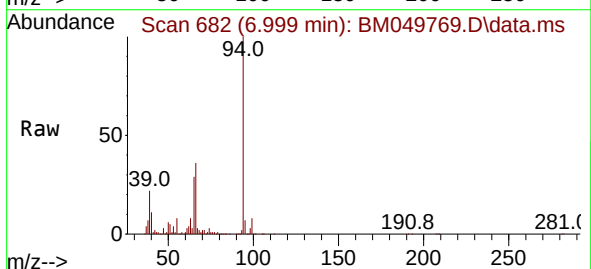
Manual Integrations
APPROVED

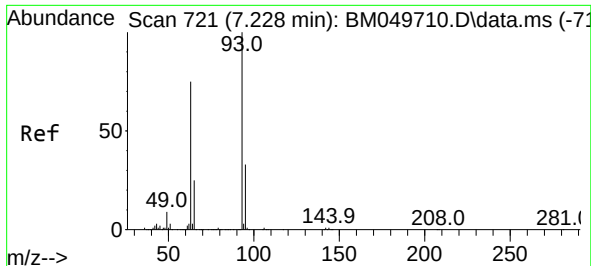
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#10
Phenol
Concen: 58.998 ng
RT: 6.999 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

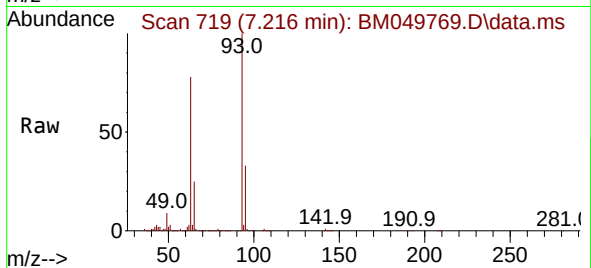
Tgt Ion: 94 Resp: 1585190
Ion Ratio Lower Upper
94 100
65 28.6 10.4 50.4
66 36.2 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 54.062 ng
RT: 7.216 min Scan# 719
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

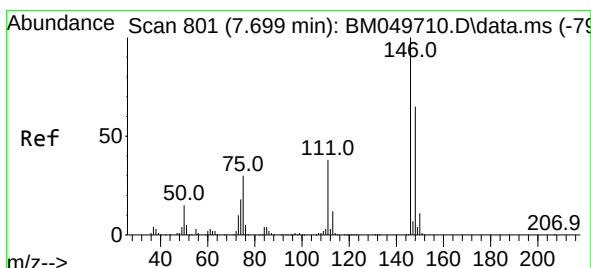
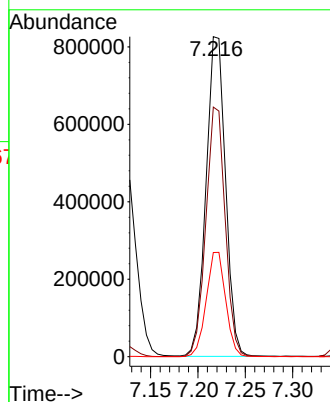
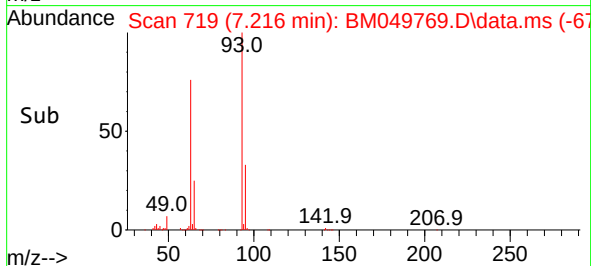
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion: 93 Resp: 1176280
Ion Ratio Lower Upper
93 100
63 78.0 54.8 94.8
95 32.6 12.8 52.8

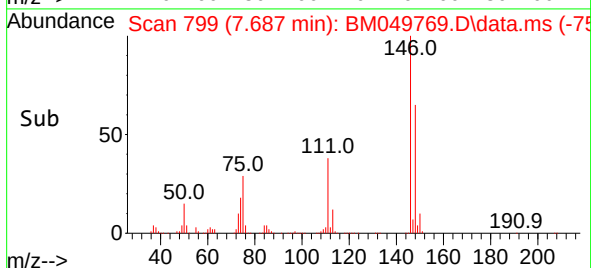
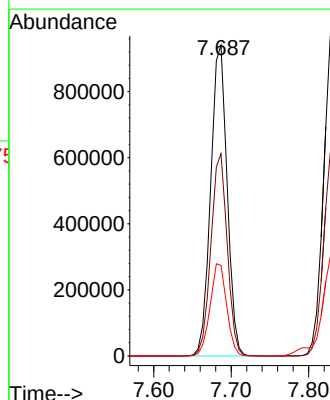
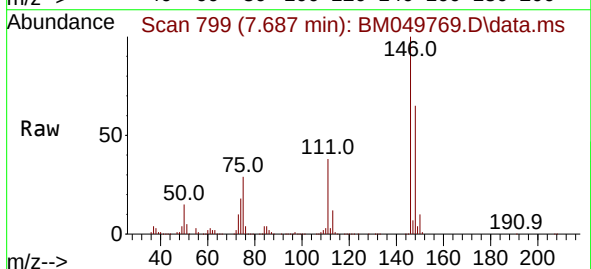
Manual Integrations
APPROVED

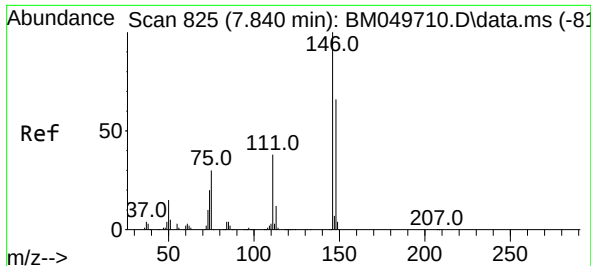
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#12
1,3-Dichlorobenzene
Concen: 52.154 ng
RT: 7.687 min Scan# 799
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:146 Resp: 1385892
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 29.1 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 52.762 ng

RT: 7.828 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

Tgt Ion:146 Resp: 141444

Ion Ratio Lower Upper

146 100

148 63.7 52.6 79.0

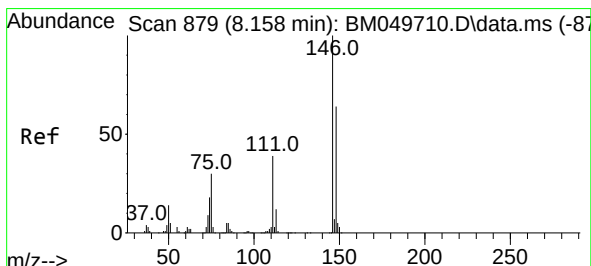
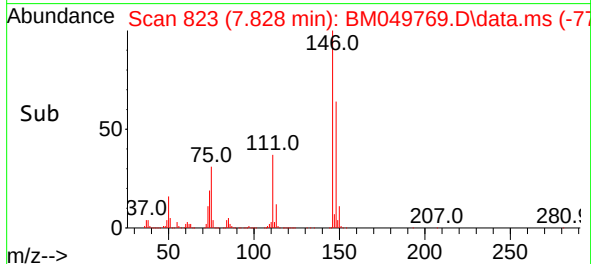
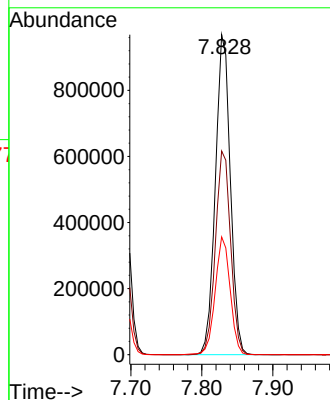
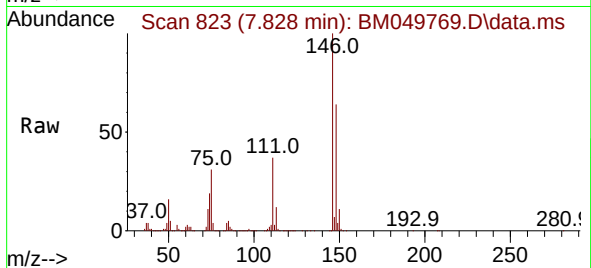
111 36.8 30.8 46.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#14

1,2-Dichlorobenzene

Concen: 52.903 ng

RT: 8.146 min Scan# 877

Delta R.T. -0.012 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

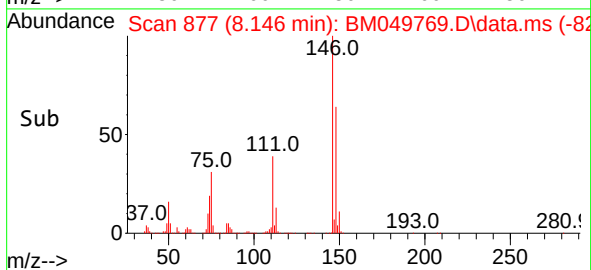
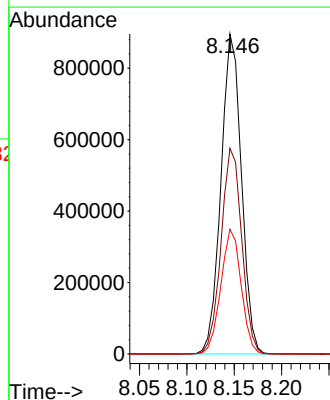
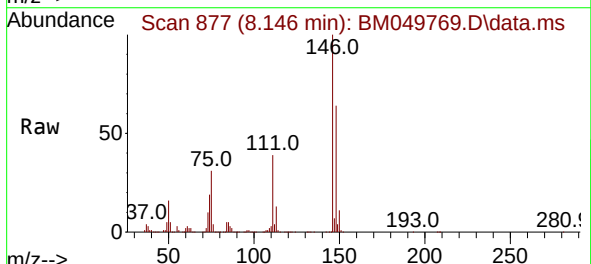
Tgt Ion:146 Resp: 1347833

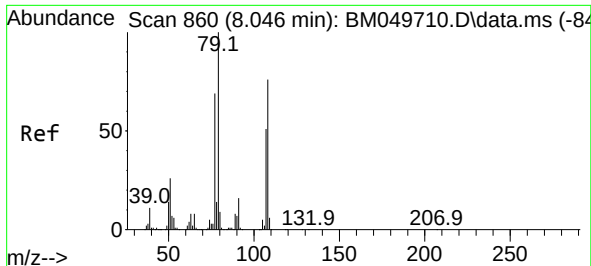
Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

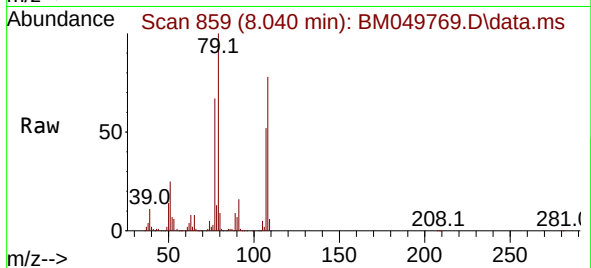
111 39.0 31.0 46.6





#15
Benzyl Alcohol
Concen: 57.639 ng
RT: 8.040 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

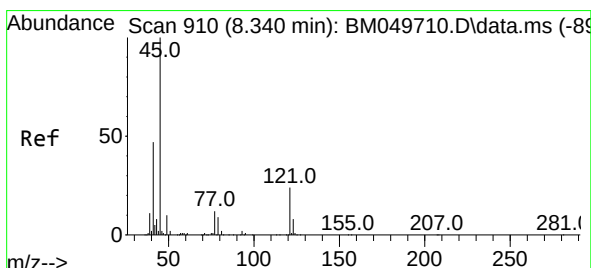
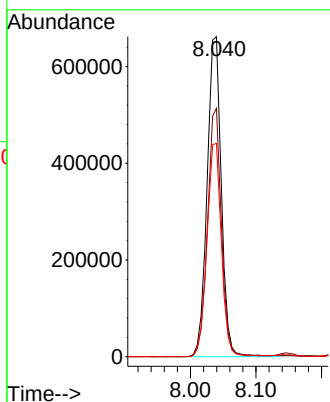
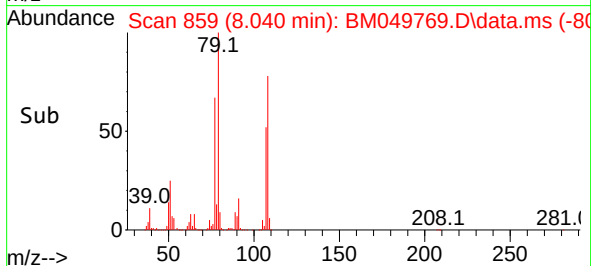
Instrument :
BNA_M
ClientSampleId :
PB167400BS



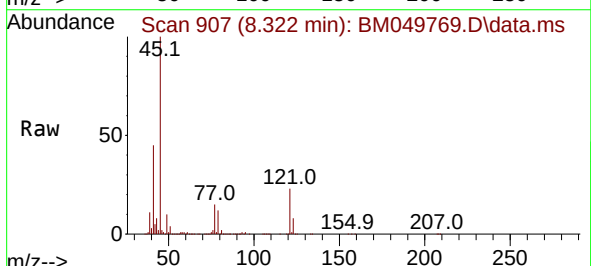
Tgt Ion: 79 Resp: 1002302
Ion Ratio Lower Upper
79 100
108 77.6 60.7 91.1
77 66.7 55.4 83.2

Manual Integrations
APPROVED

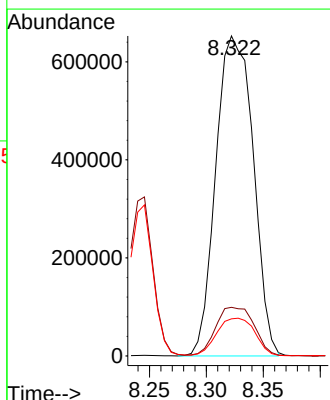
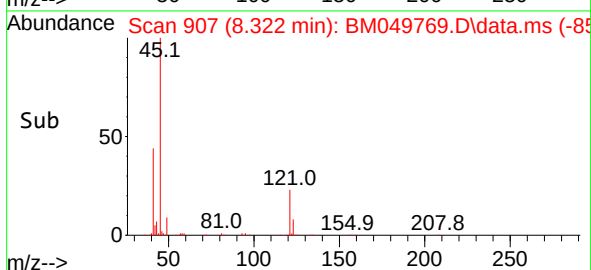
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

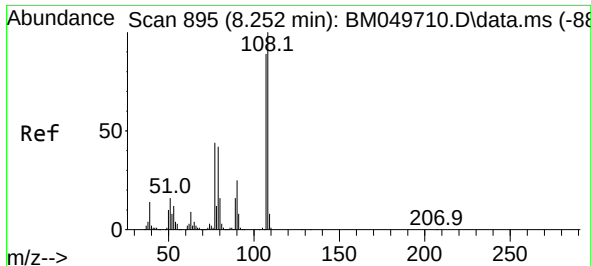


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.259 ng m
RT: 8.322 min Scan# 907
Delta R.T. -0.018 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



Tgt Ion: 45 Resp: 1489838
Ion Ratio Lower Upper
45 100
77 15.2 0.0 36.1
79 11.6 0.0 32.8





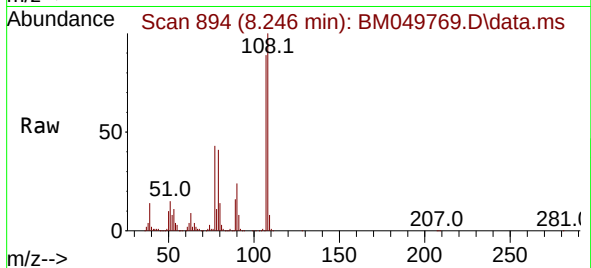
#17
2-Methylphenol
Concen: 61.478 ng
RT: 8.246 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

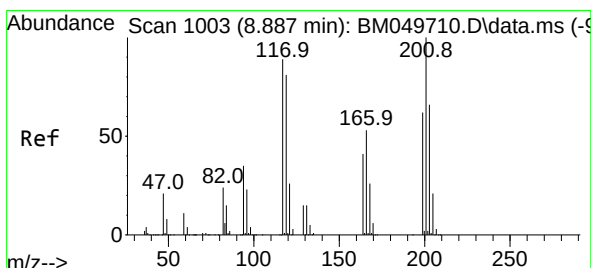
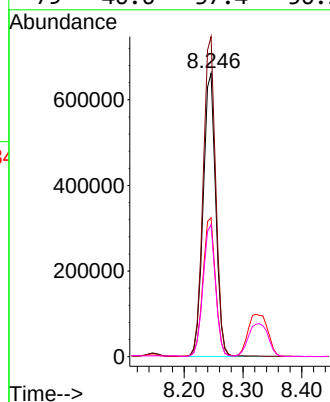


Tgt Ion:	107	Resp:	980694
Ion Ratio	Lower	Upper	
107	100		
108	112.9	89.6	134.4
77	49.0	39.8	59.6
79	46.6	37.4	56.2

Manual Integrations

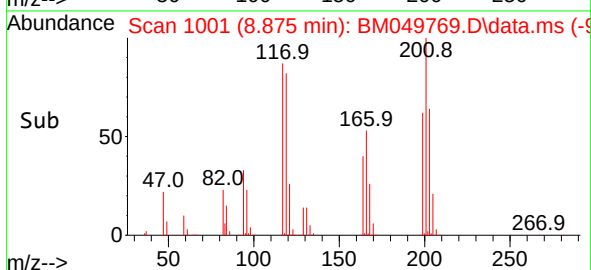
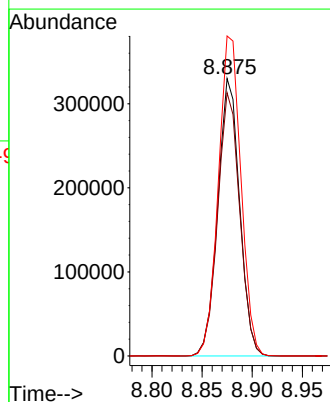
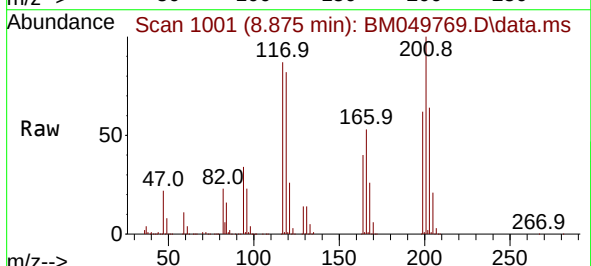
APPROVED

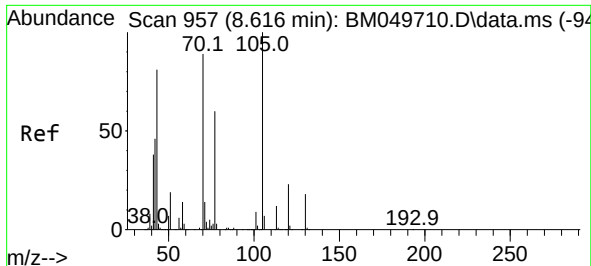
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#18
Hexachloroethane
Concen: 52.772 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:	117	Resp:	499592
Ion Ratio	Lower	Upper	
117	100		
119	94.9	73.1	109.7
201	115.3	90.0	135.0





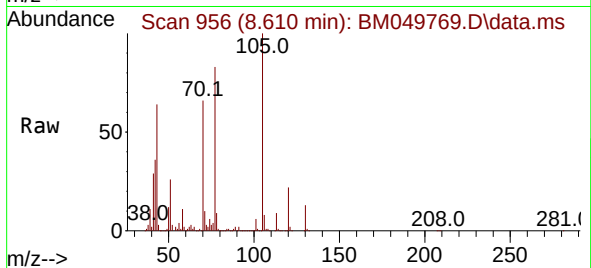
#19
n-Nitroso-di-n-propylamine
Concen: 60.618 ng
RT: 8.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

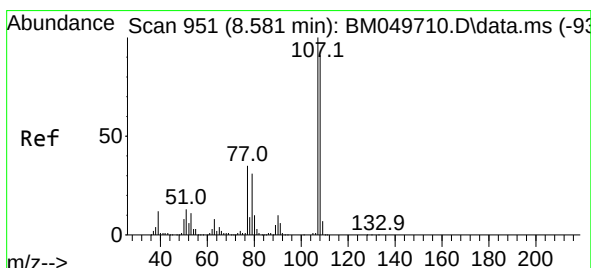
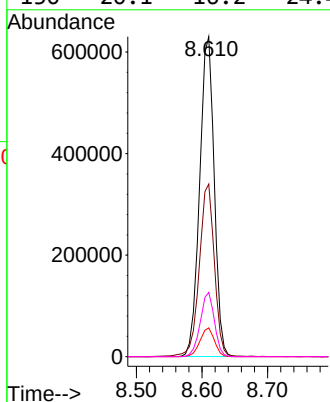
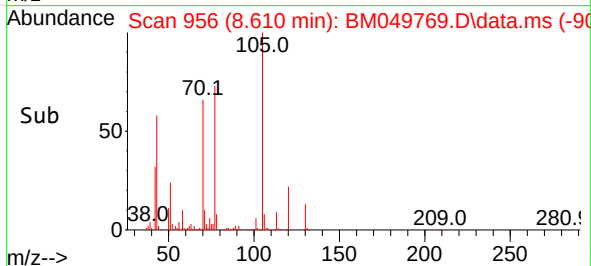


Tgt Ion: 70 Resp: 973998
Ion Ratio Lower Upper
70 100
42 54.0 41.8 62.6
101 9.0 7.7 11.5
130 20.1 16.2 24.4

Manual Integrations

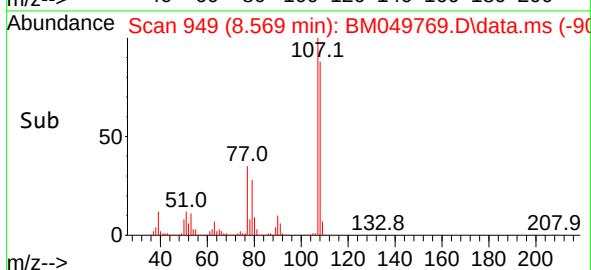
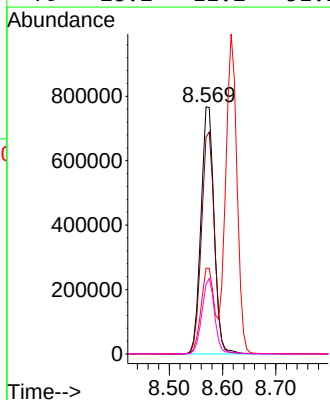
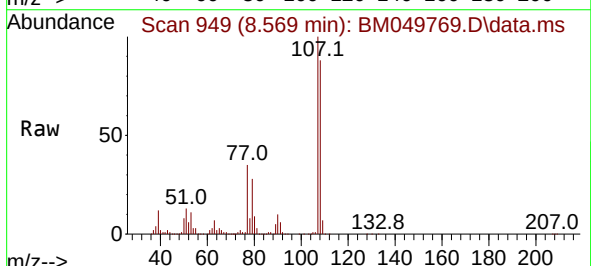
APPROVED

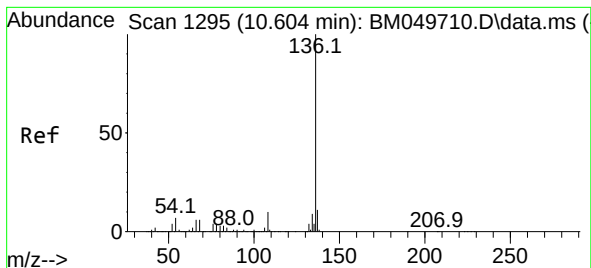
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#20
3+4-Methylphenols
Concen: 61.503 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

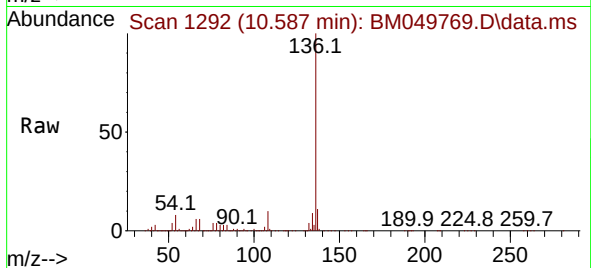
Tgt Ion:107 Resp: 1314784
Ion Ratio Lower Upper
107 100
108 87.8 71.0 111.0
77 34.7 15.1 55.1
79 28.2 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

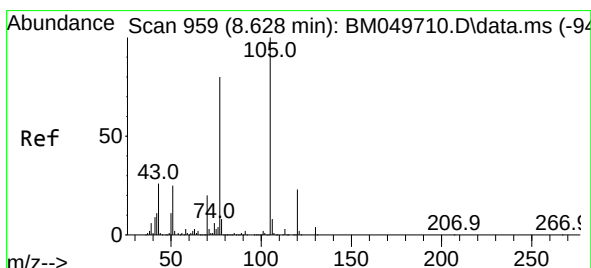
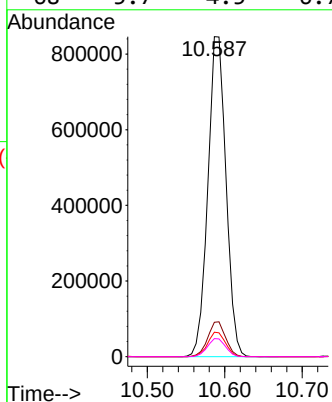
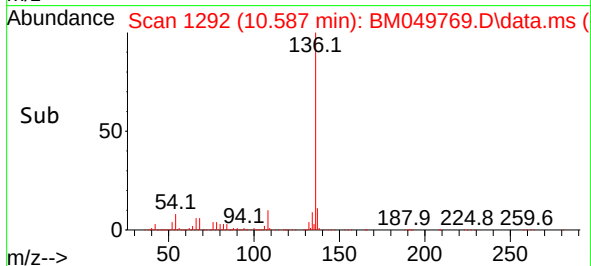
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion:136 Resp: 1374712
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.6 5.8 8.8
68 5.7 4.5 6.7

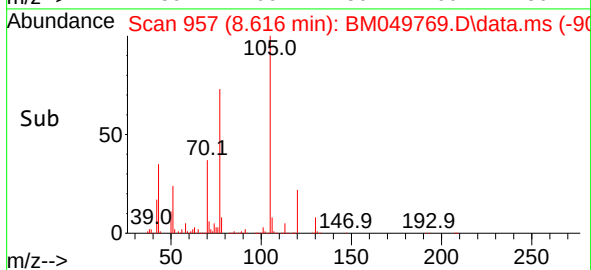
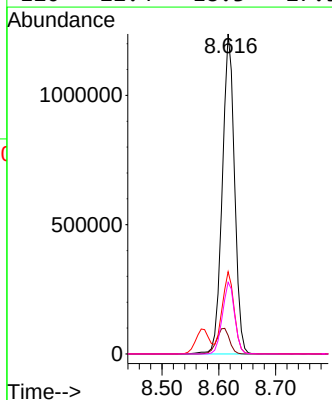
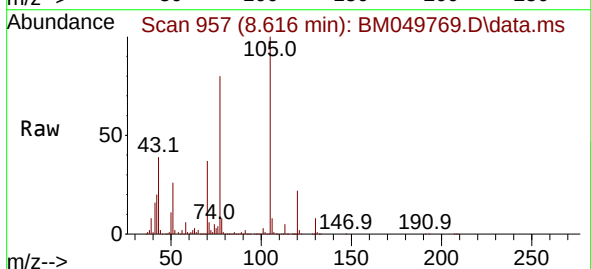
Manual Integrations
APPROVED

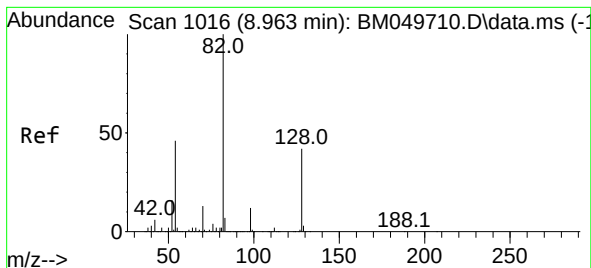
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#22
Acetophenone
Concen: 52.377 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:105 Resp: 1856573
Ion Ratio Lower Upper
105 100
71 5.8 2.5 3.7#
51 25.7 19.9 29.9
120 22.4 18.3 27.5





#23

Nitrobenzene-d5

Concen: 101.425 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

Tgt Ion: 82 Resp: 2715728

Ion Ratio Lower Upper

82 100

128 40.0 33.4 50.0

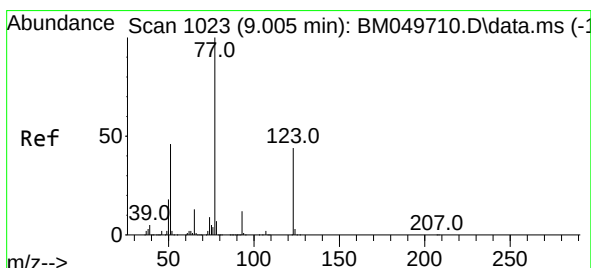
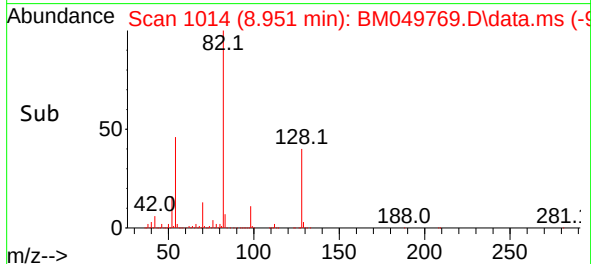
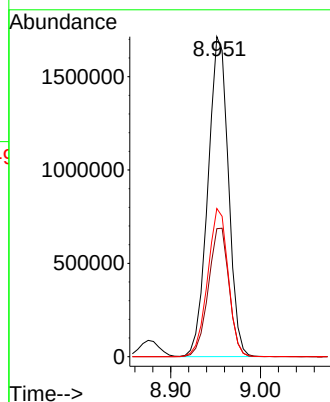
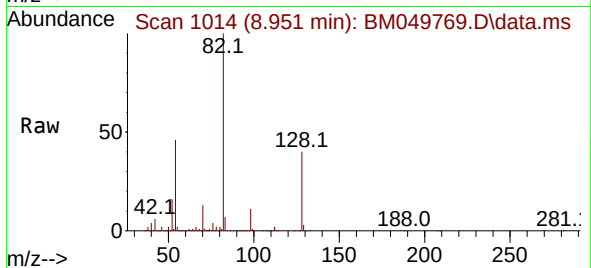
54 46.3 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#24

Nitrobenzene

Concen: 51.436 ng

RT: 8.993 min Scan# 1021

Delta R.T. -0.012 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

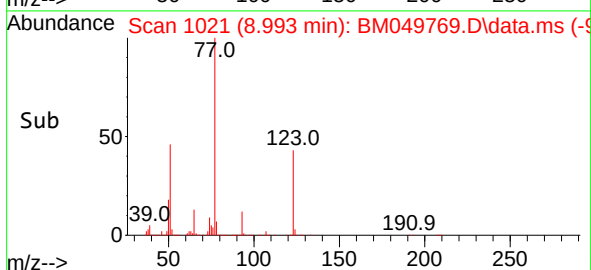
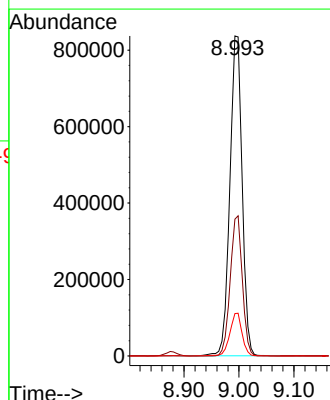
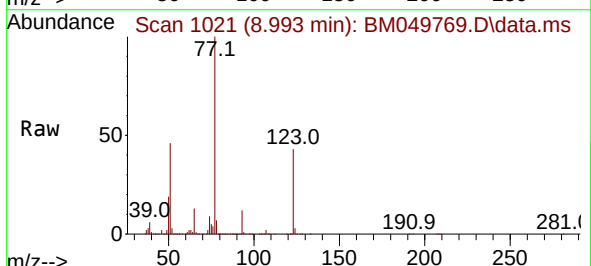
Tgt Ion: 77 Resp: 1298639

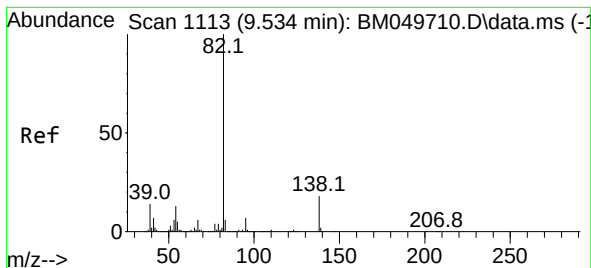
Ion Ratio Lower Upper

77 100

123 42.8 34.9 52.3

65 13.3 10.6 15.8





#25

Isophorone

Concen: 57.355 ng

RT: 9.528 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BM049769.D

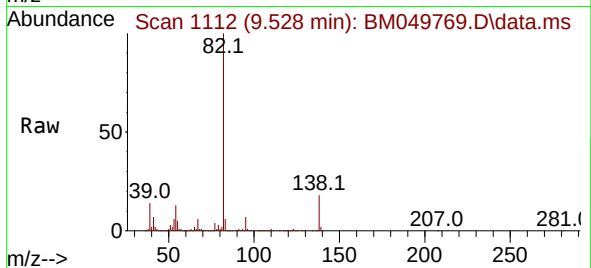
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS



Tgt Ion: 82 Resp: 235788

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

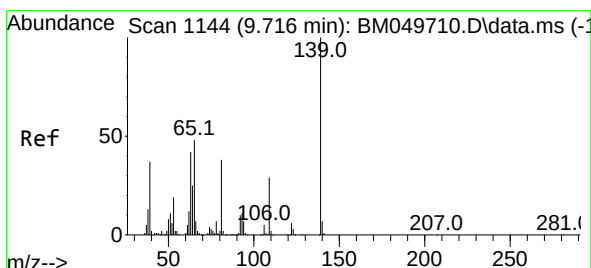
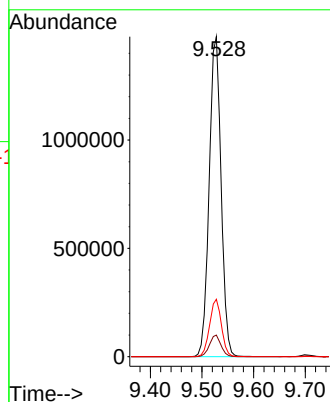
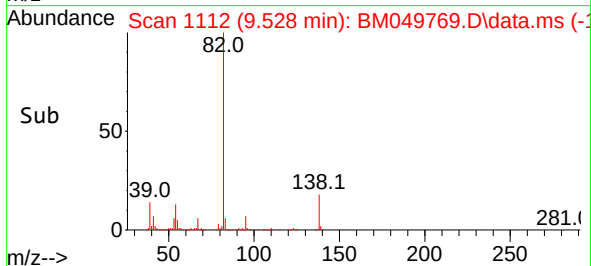
138 17.9 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#26

2-Nitrophenol

Concen: 53.334 ng

RT: 9.704 min Scan# 1142

Delta R.T. -0.012 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

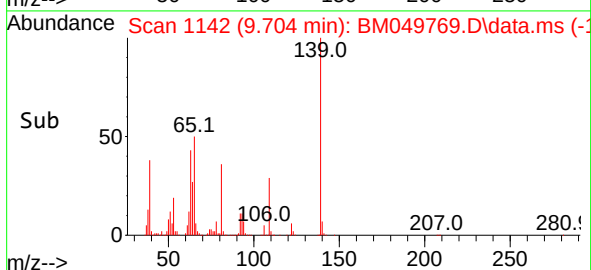
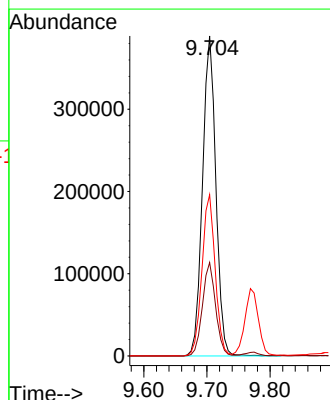
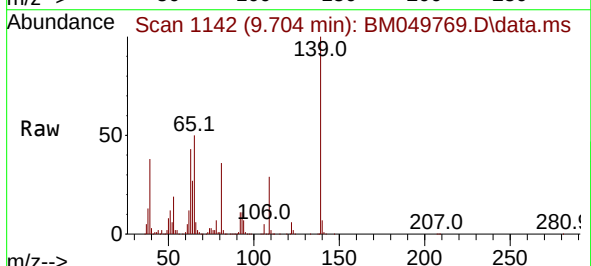
Tgt Ion:139 Resp: 573126

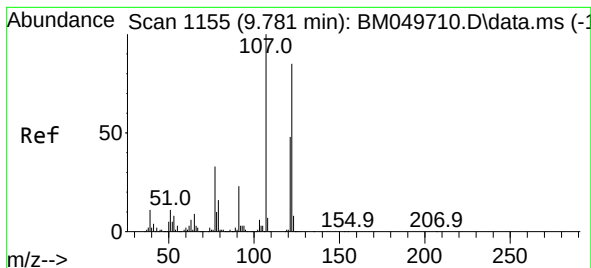
Ion Ratio Lower Upper

139 100

109 29.2 23.3 34.9

65 50.4 38.6 58.0





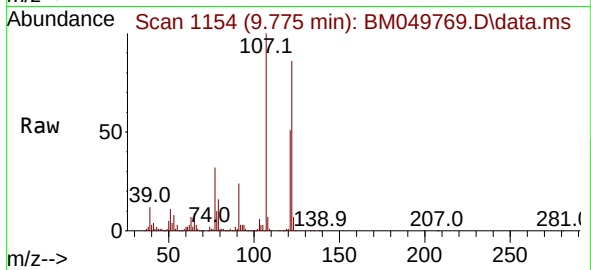
#27
2,4-Dimethylphenol
Concen: 79.579 ng
RT: 9.775 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

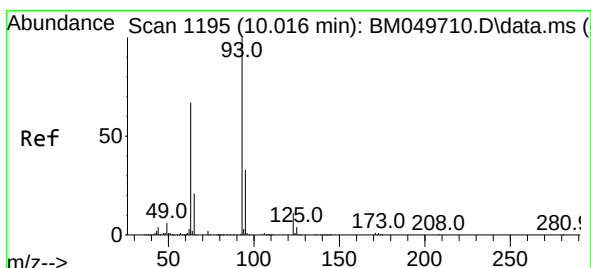
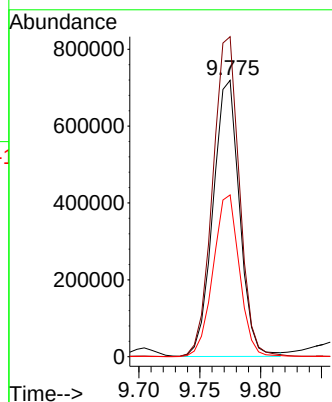
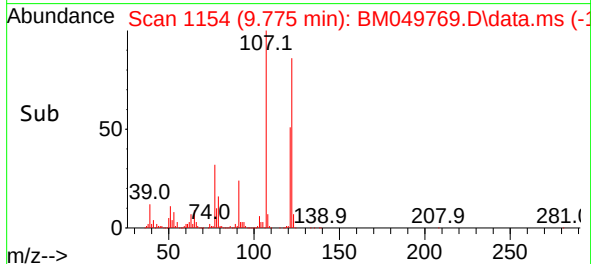


Tgt Ion:122 Resp: 108850
Ion Ratio Lower Upper
122 100
107 115.8 94.3 141.5
121 58.5 45.4 68.2

Manual Integrations

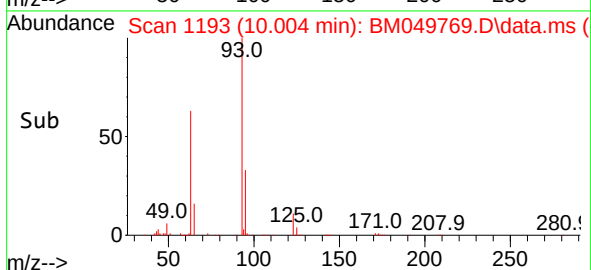
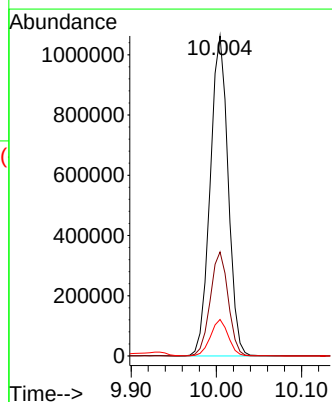
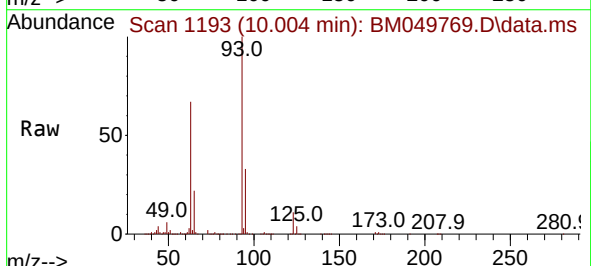
APPROVED

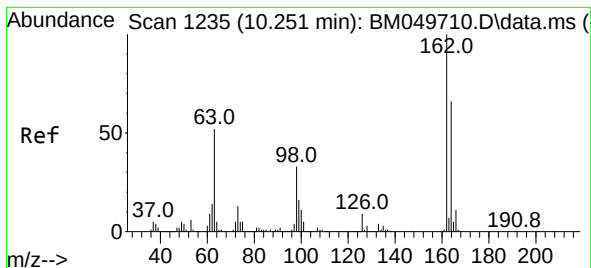
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#28
bis(2-Chloroethoxy)methane
Concen: 53.792 ng
RT: 10.004 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion: 93 Resp: 1557545
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 11.4 9.0 13.6





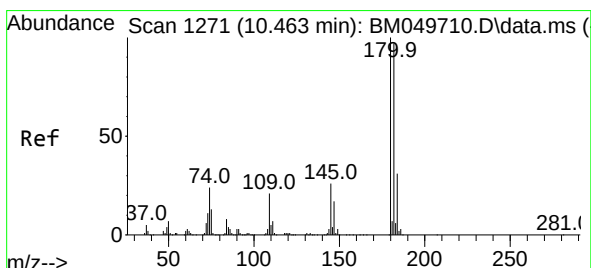
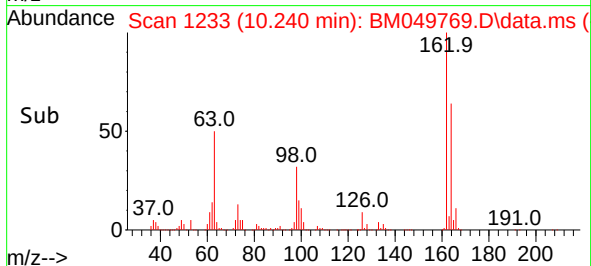
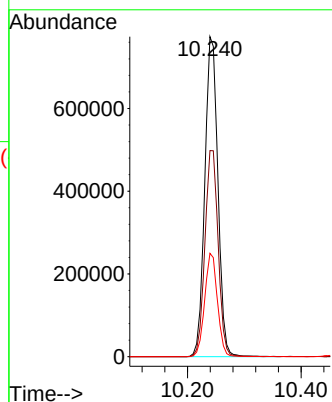
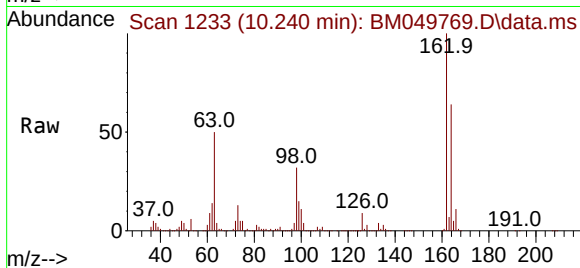
#29
2,4-Dichlorophenol
Concen: 55.344 ng
RT: 10.240 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :
BNA_M
ClientSampleId :
PB167400BS

Tgt Ion:162 Resp: 1233528
Ion Ratio Lower Upper
162 100
164 64.4 46.3 86.3
98 32.3 12.8 52.8

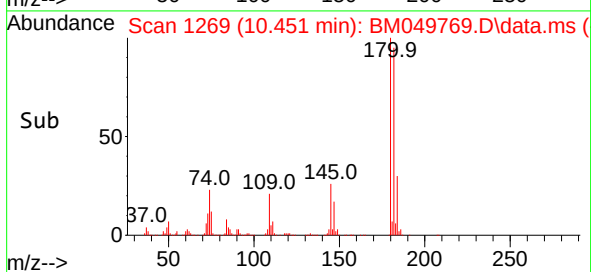
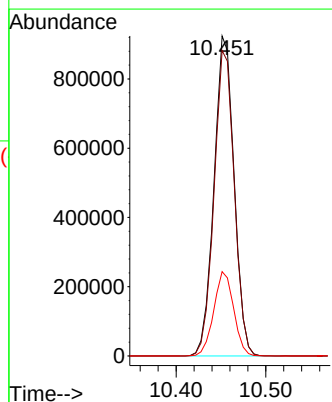
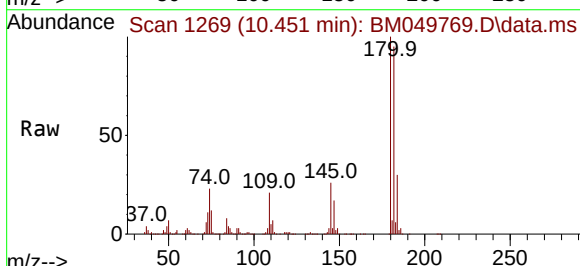
Manual Integrations
APPROVED

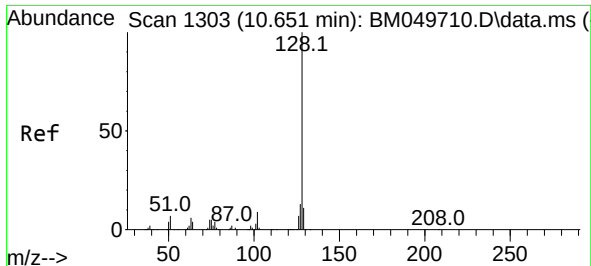
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#30
1,2,4-Trichlorobenzene
Concen: 51.527 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

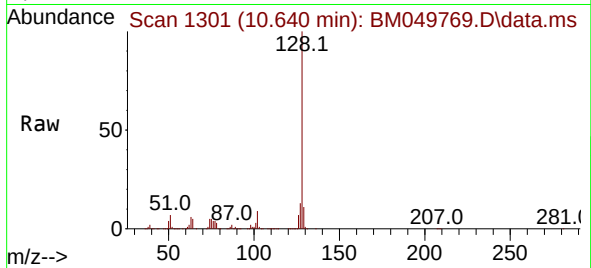
Tgt Ion:180 Resp: 1436871
Ion Ratio Lower Upper
180 100
182 95.5 77.7 116.5
145 26.3 21.0 31.4





#31
Naphthalene
Concen: 50.912 ng
RT: 10.640 min Scan# 1180
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

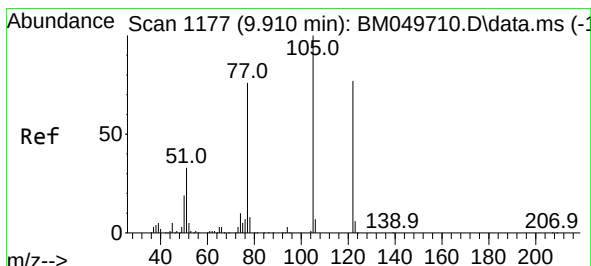
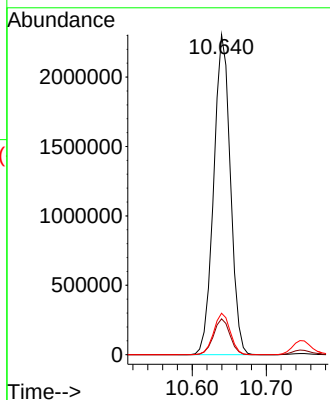
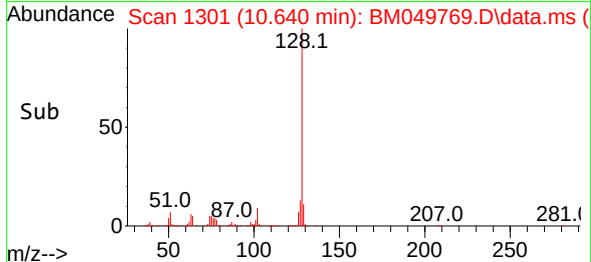
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion:128 Resp: 359885
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.9 10.4 15.6

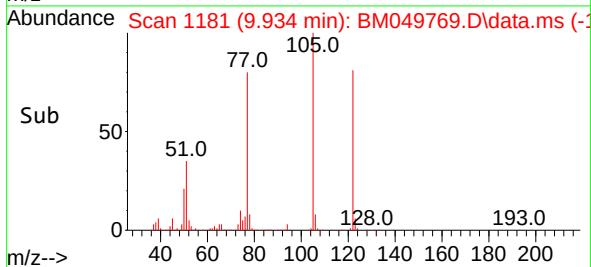
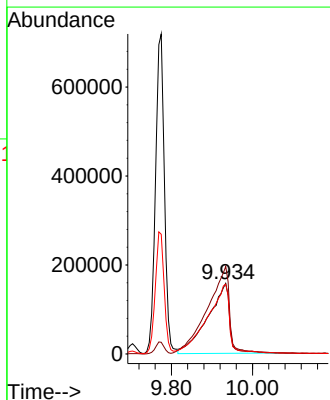
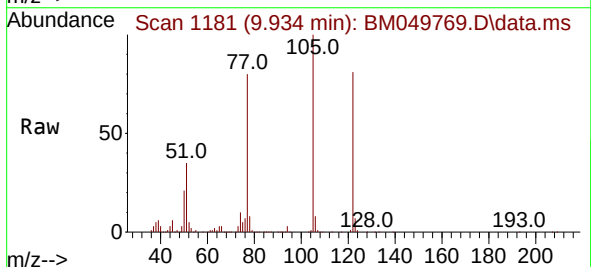
Manual Integrations
APPROVED

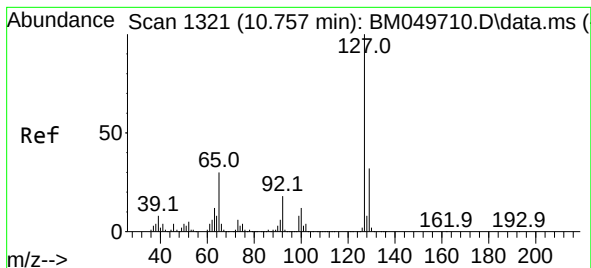
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#32
Benzoic acid
Concen: 50.802 ng
RT: 9.934 min Scan# 1181
Delta R.T. 0.024 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:122 Resp: 590976
Ion Ratio Lower Upper
122 100
105 124.2 105.6 145.6
77 99.2 76.9 116.9





#33
4-Chloroaniline
Concen: 7.998 ng
RT: 10.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

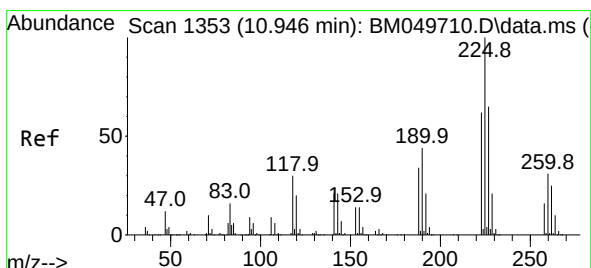
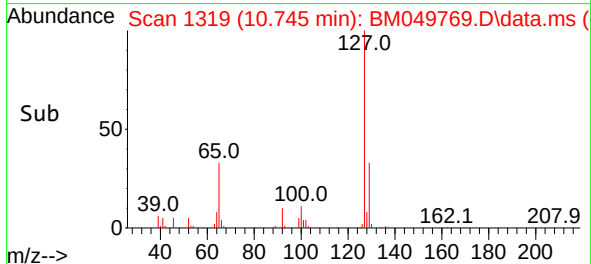
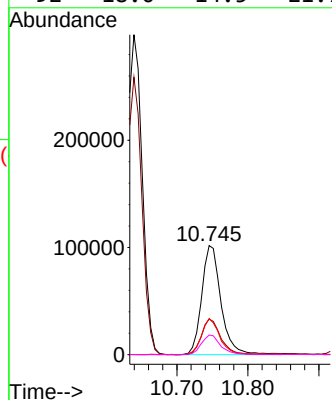
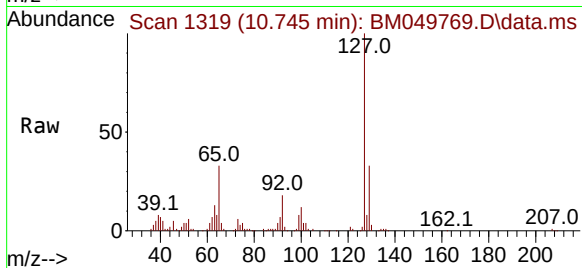
PB167400BS

Tgt Ion:127 Resp: 192940
Ion Ratio Lower Upper
127 100
129 32.6 25.7 38.5
65 33.2 24.1 36.1
92 18.0 14.5 21.7

Manual Integrations

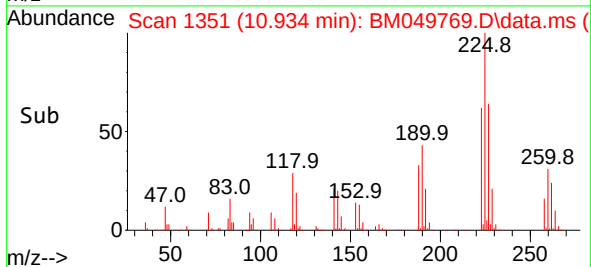
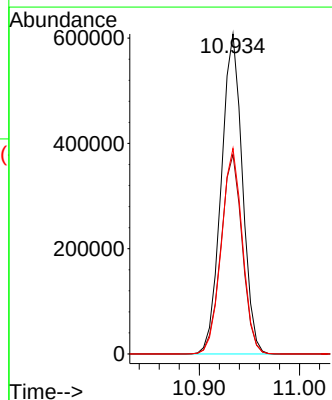
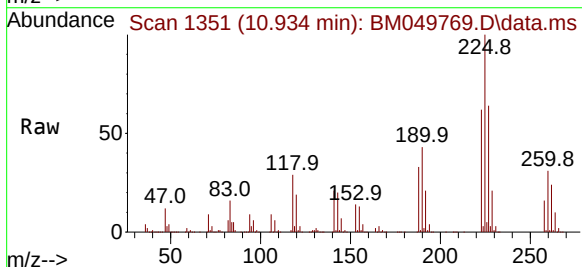
APPROVED

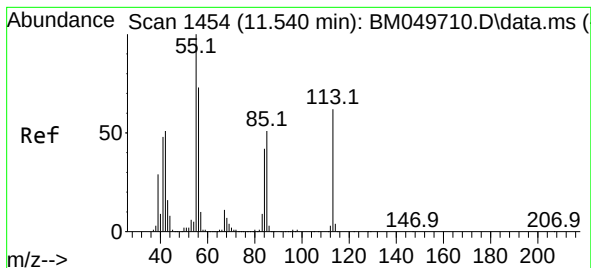
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#34
Hexachlorobutadiene
Concen: 51.630 ng
RT: 10.934 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

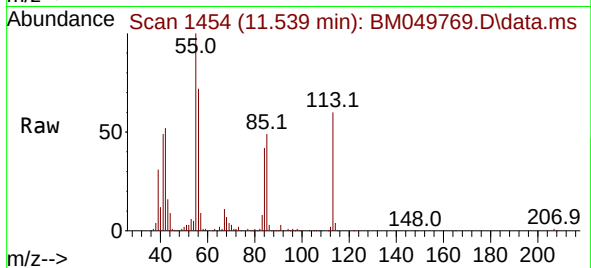
Tgt Ion:225 Resp: 888796
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 64.2 52.1 78.1





#35
Caprolactam
Concen: 51.754 ng m
RT: 11.539 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

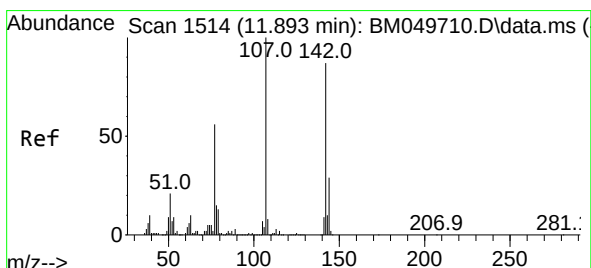
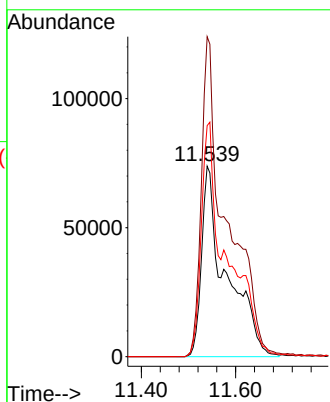
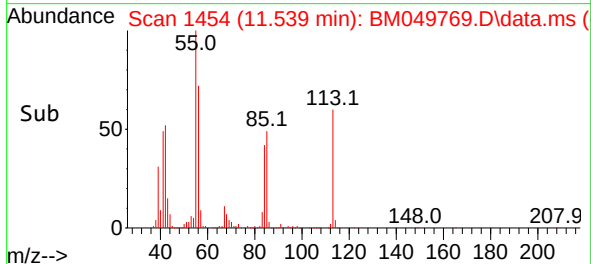
Instrument :
BNA_M
ClientSampleId :
PB167400BS



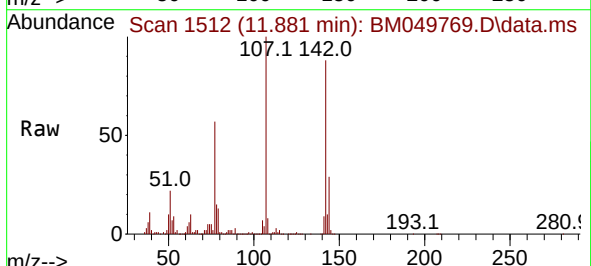
Tgt Ion:113 Resp: 267808
Ion Ratio Lower Upper
113 100
55 167.9 141.8 181.8
56 121.2 98.0 138.0

Manual Integrations
APPROVED

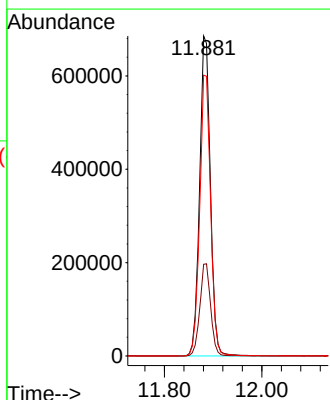
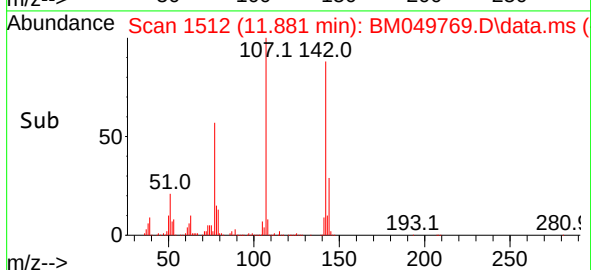
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

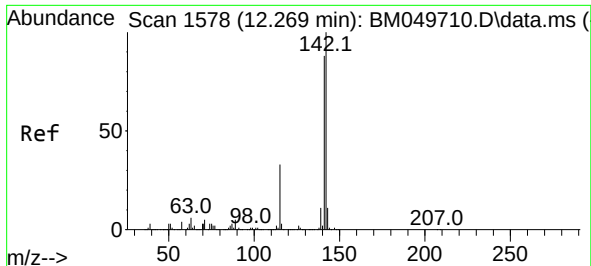


#36
4-Chloro-3-methylphenol
Concen: 55.357 ng
RT: 11.881 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



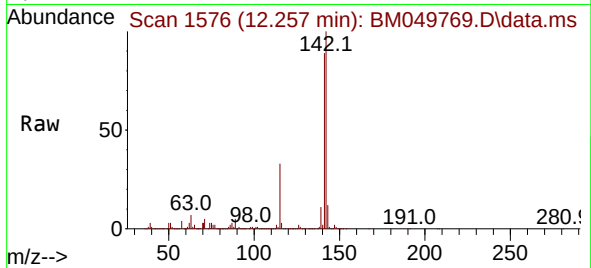
Tgt Ion:107 Resp: 1058828
Ion Ratio Lower Upper
107 100
144 28.7 23.0 34.6
142 87.7 69.8 104.8





#37
2-Methylnaphthalene
Concen: 48.324 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

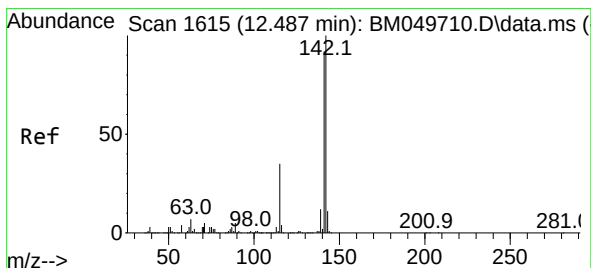
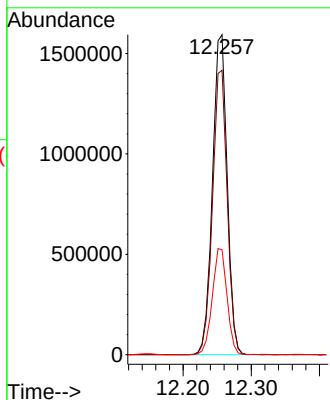
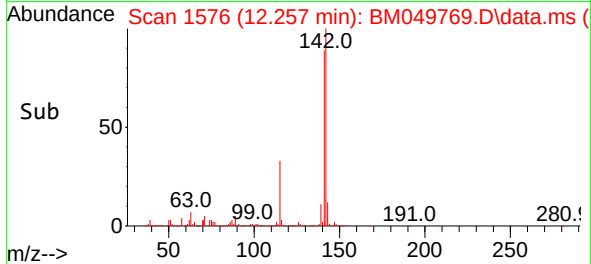
Instrument :
BNA_M
ClientSampleId :
PB167400BS



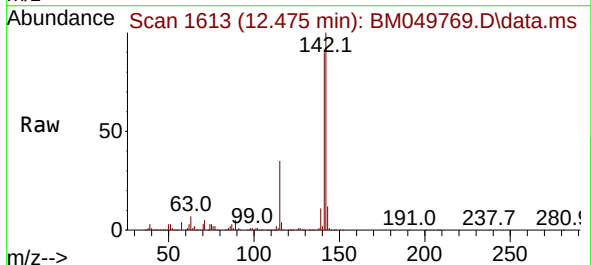
Tgt Ion:142 Resp: 238860
Ion Ratio Lower Upper
142 100
141 88.9 70.5 105.7
115 32.8 26.5 39.7

Manual Integrations
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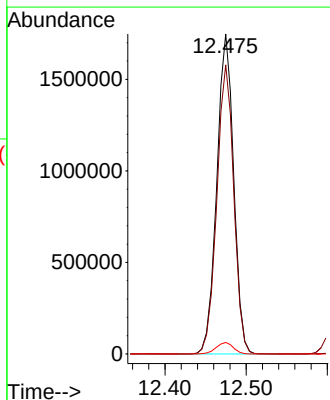
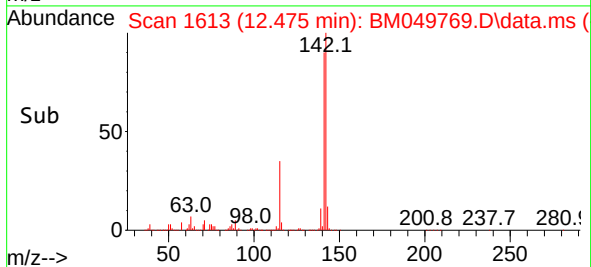
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

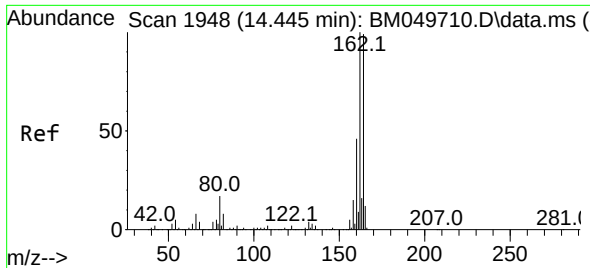


#38
1-Methylnaphthalene
Concen: 52.963 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



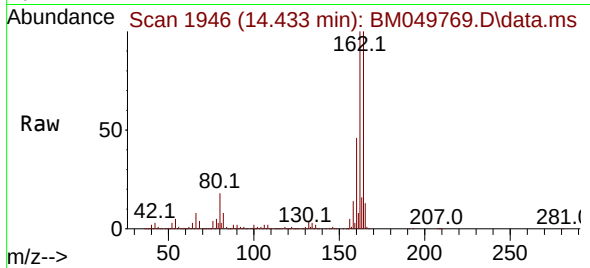
Tgt Ion:142 Resp: 2525728
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.2
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

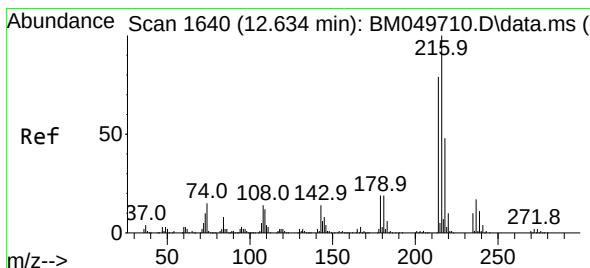
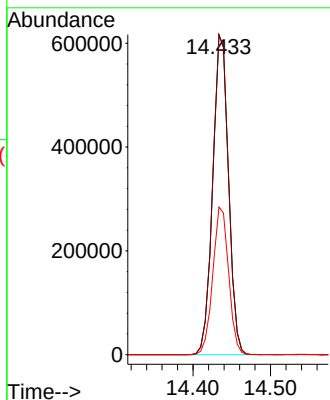
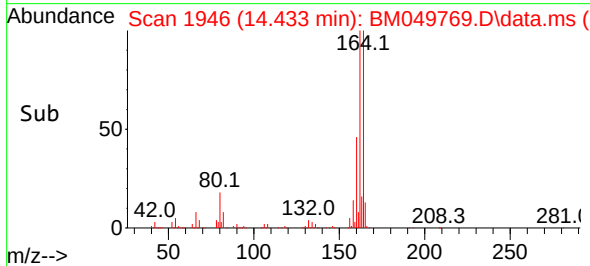
Instrument :
BNA_M
ClientSampleId :
PB167400BS



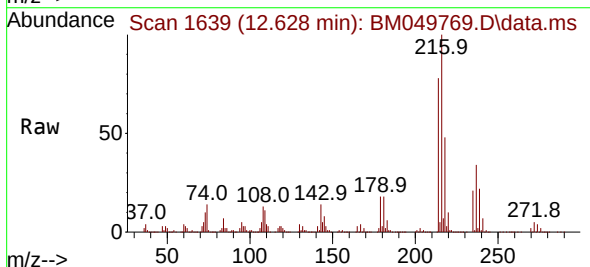
Tgt Ion:164 Resp: 87072
Ion Ratio Lower Upper
164 100
162 100.1 80.5 120.7
160 46.2 36.9 55.3

Manual Integrations
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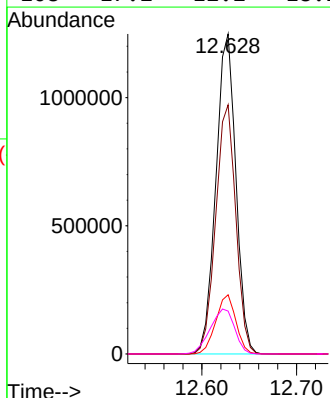
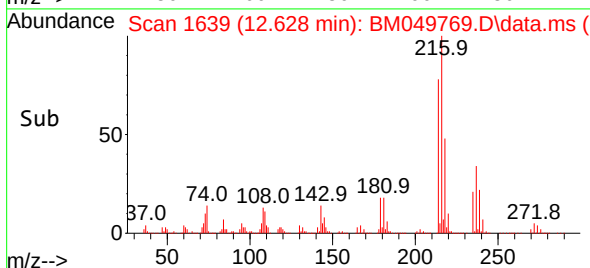
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

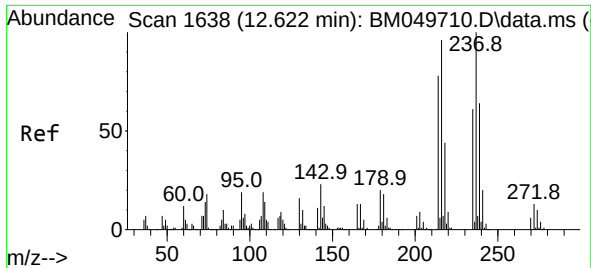


#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.188 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



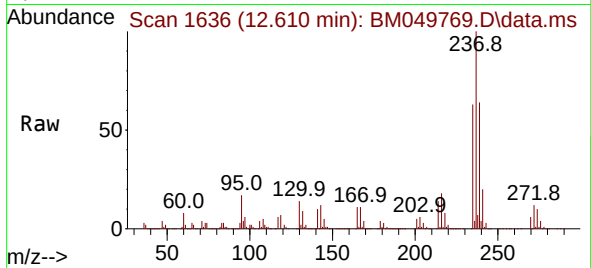
Tgt Ion:216 Resp: 1829064
Ion Ratio Lower Upper
216 100
214 78.3 63.5 95.3
179 18.7 15.7 23.5
108 17.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 237.931 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

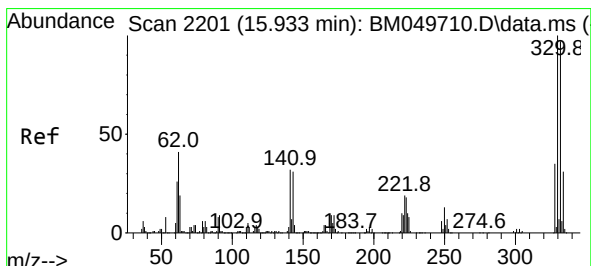
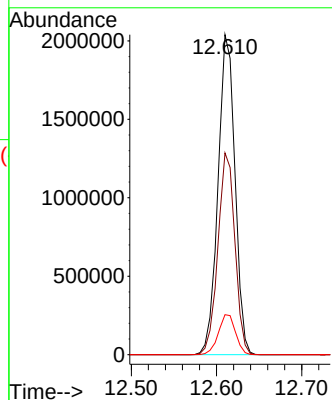
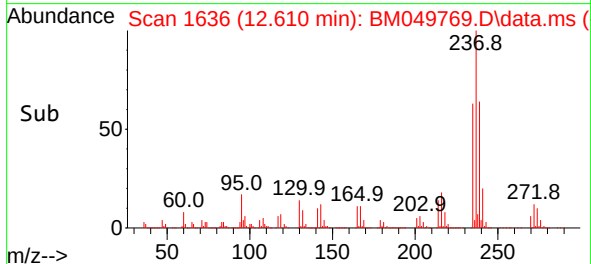
Instrument :
BNA_M
ClientSampleId :
PB167400BS



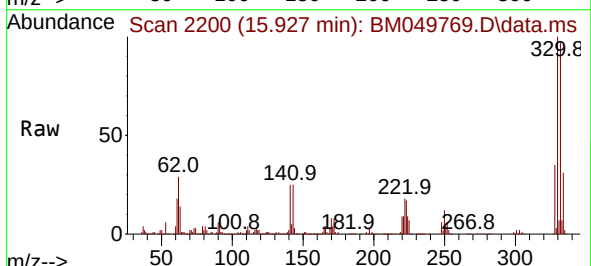
Tgt Ion:237 Resp: 2819210
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 12.5 0.0 32.5

Manual Integrations
APPROVED

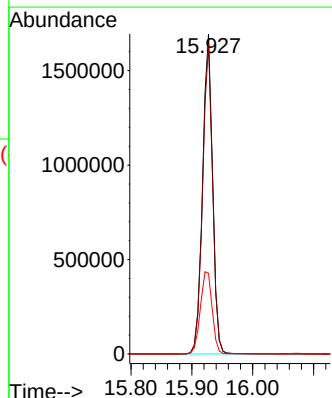
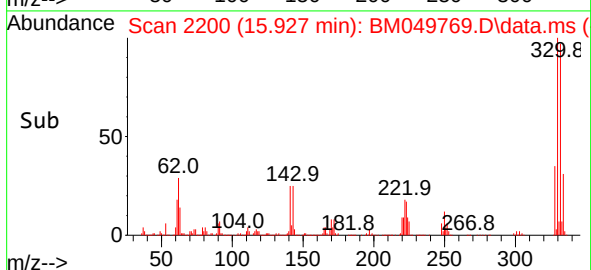
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

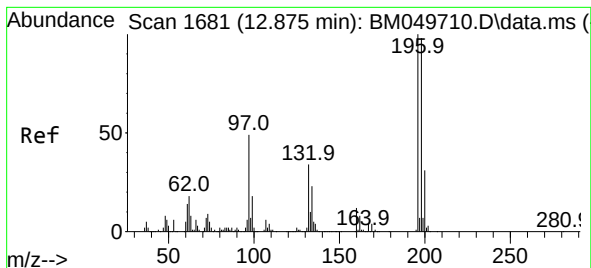


#42
2,4,6-Tribromophenol
Concen: 190.263 ng
RT: 15.927 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



Tgt Ion:330 Resp: 1934500
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 30.2 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 56.041 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM049769.D

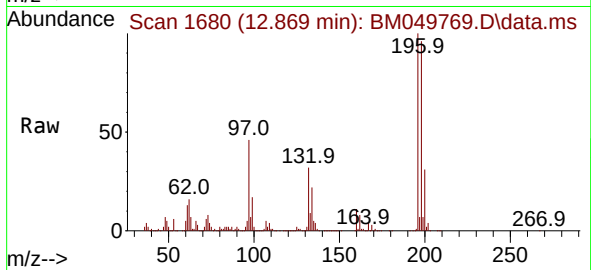
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS



Tgt Ion:196 Resp: 100385

Ion Ratio Lower Upper

196 100

198 95.8 78.3 117.5

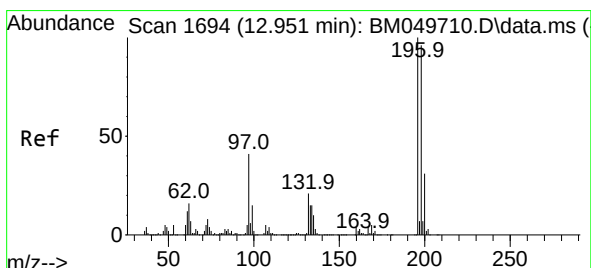
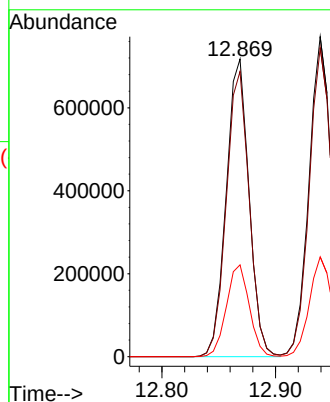
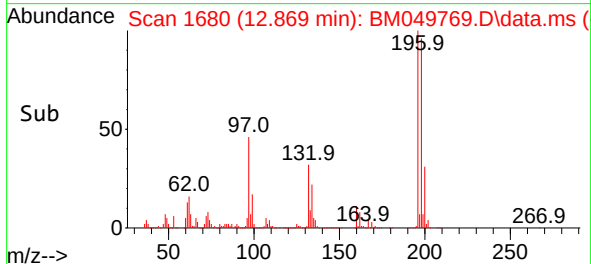
200 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#44

2,4,5-Trichlorophenol

Concen: 55.144 ng

RT: 12.939 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

Tgt Ion:196 Resp: 1077926

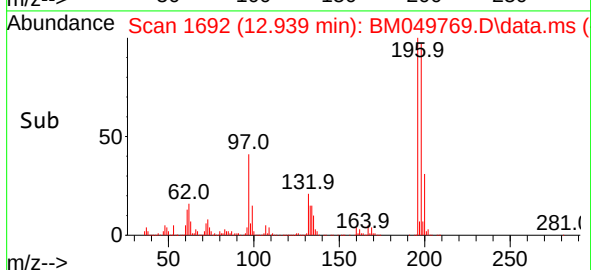
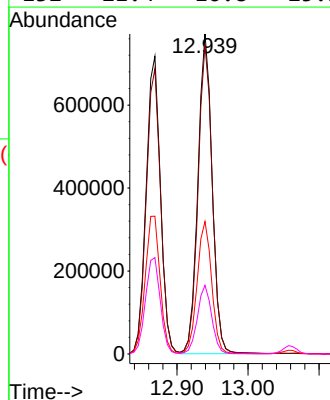
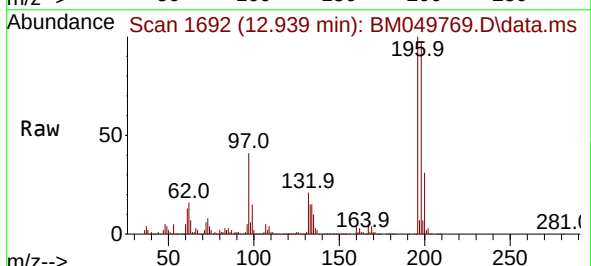
Ion Ratio Lower Upper

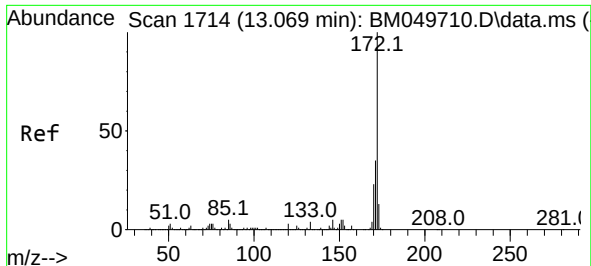
196 100

198 96.6 76.7 115.1

97 41.4 32.9 49.3

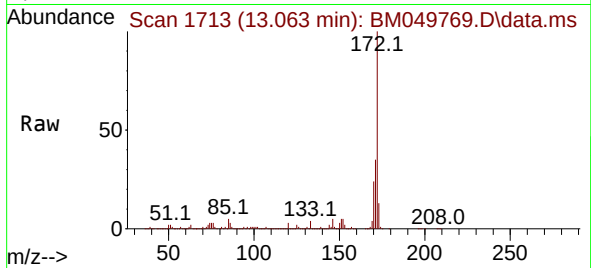
132 21.4 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 105.143 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

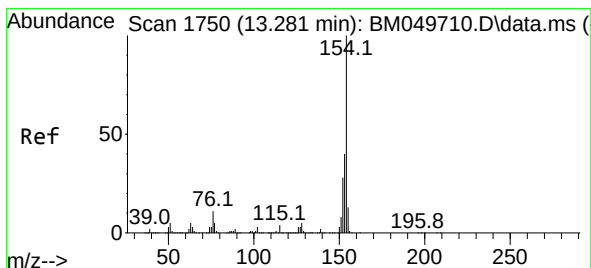
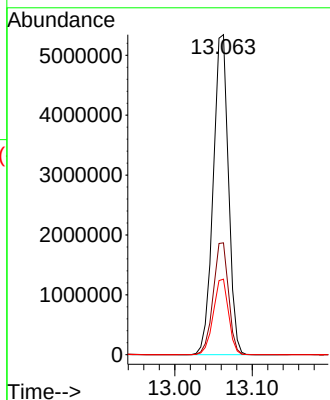
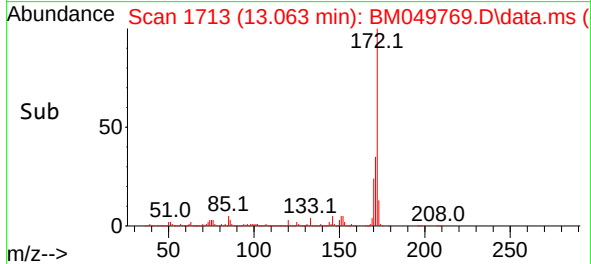
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion:172 Resp: 731018
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.6 18.6 28.0

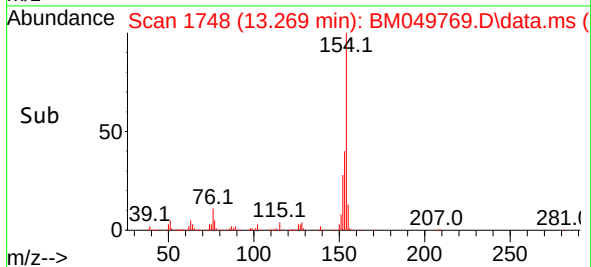
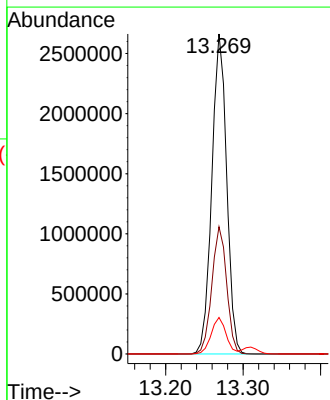
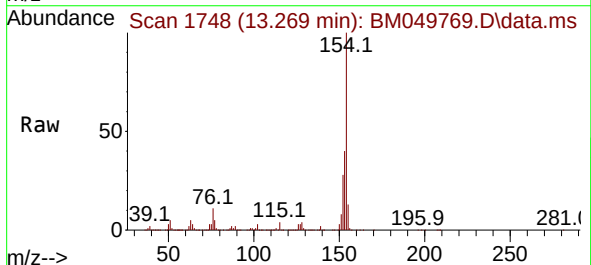
Manual Integrations
APPROVED

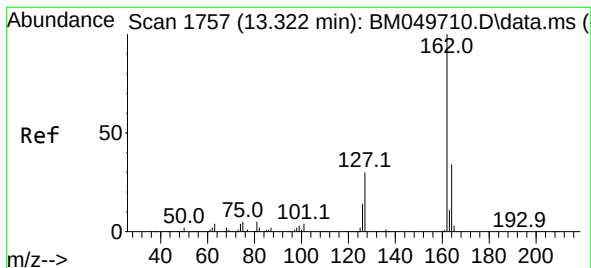
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#46
1,1'-Biphenyl
Concen: 52.734 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:154 Resp: 3538836
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 11.4 0.0 31.2





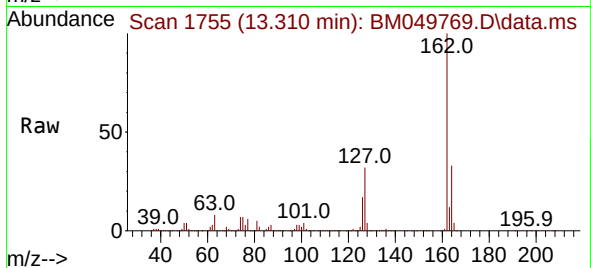
#47
2-Chloronaphthalene
Concen: 52.495 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

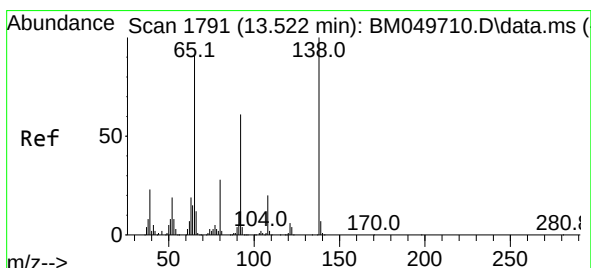
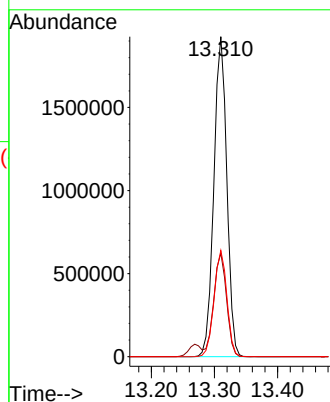
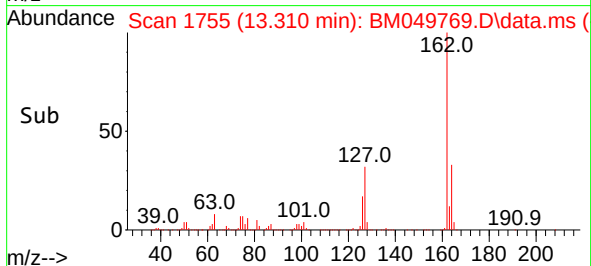


Tgt Ion:162 Resp: 2742050
Ion Ratio Lower Upper
162 100
127 32.4 25.8 38.6
164 33.2 27.1 40.7

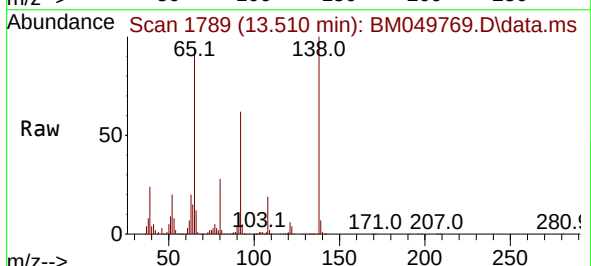
Manual Integrations

APPROVED

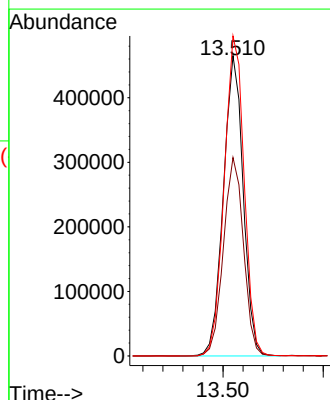
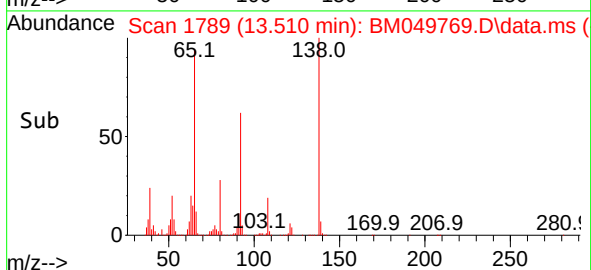
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

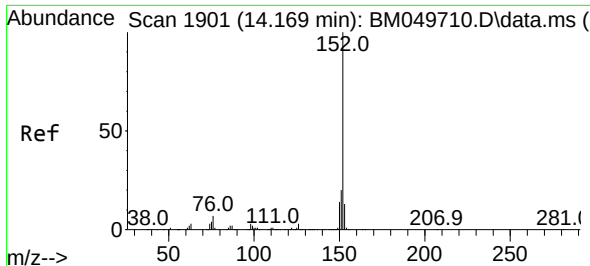


#48
2-Nitroaniline
Concen: 54.422 ng
RT: 13.510 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



Tgt Ion: 65 Resp: 638148
Ion Ratio Lower Upper
65 100
92 66.1 53.4 80.2
138 106.6 87.6 131.4





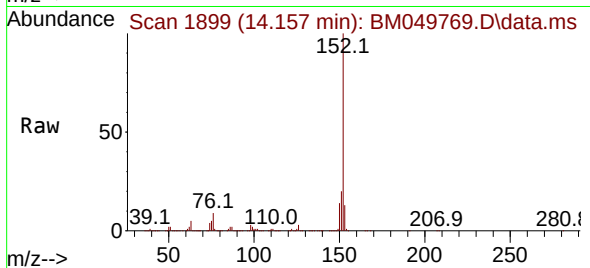
#49
Acenaphthylene
Concen: 57.946 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

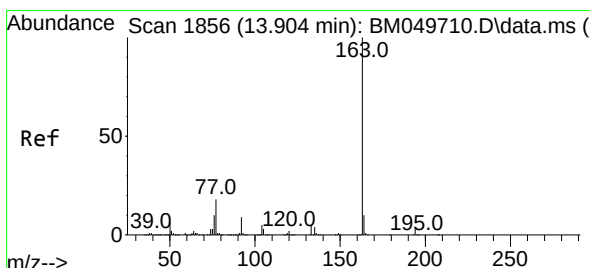
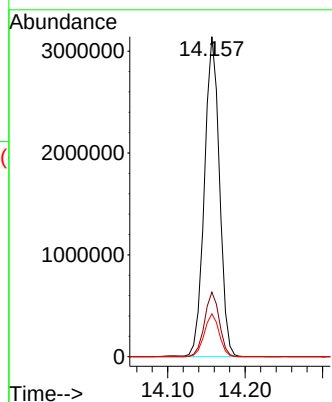
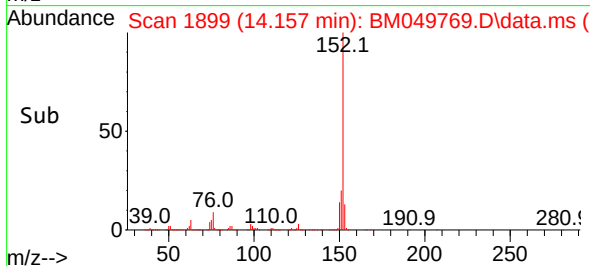


Tgt Ion:152 Resp: 4230749
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.4 10.2 15.4

Manual Integrations

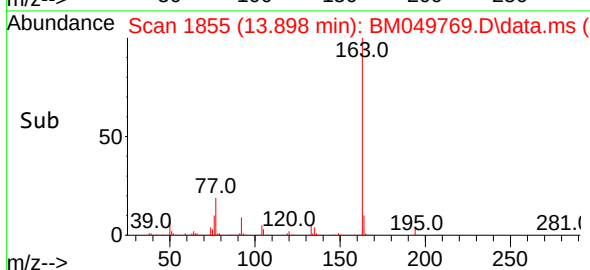
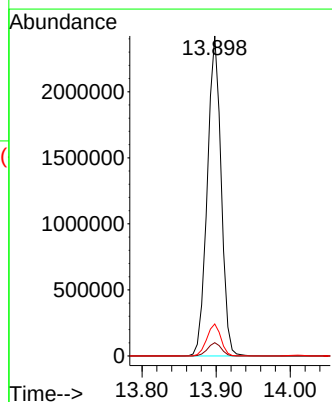
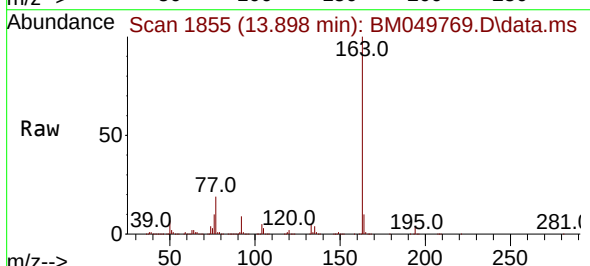
APPROVED

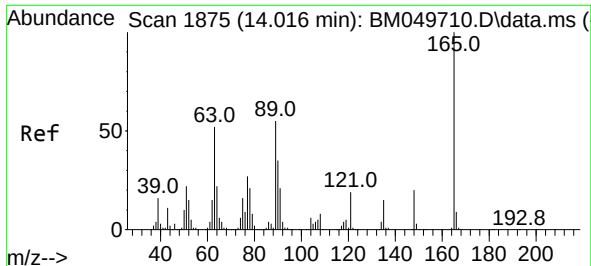
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#50
Dimethylphthalate
Concen: 52.260 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:163 Resp: 3132921
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.866 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

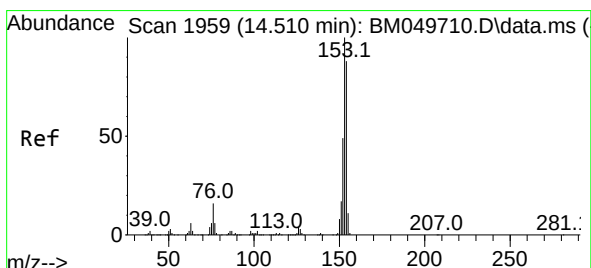
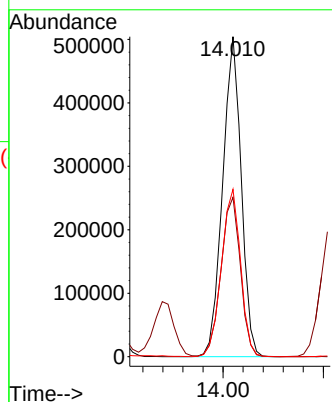
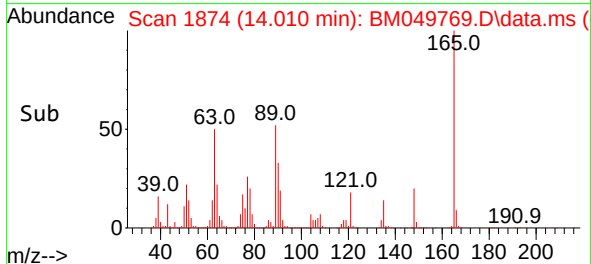
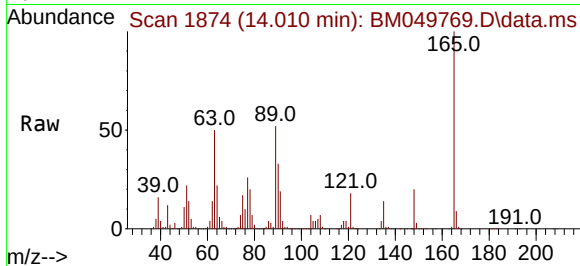
PB167400BS

Tgt Ion:165 Resp: 647030
Ion Ratio Lower Upper
165 100
63 49.8 42.3 63.5
89 52.3 43.9 65.9

Manual Integrations

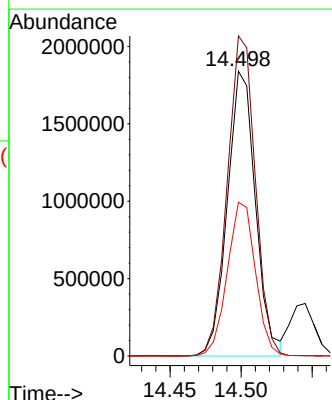
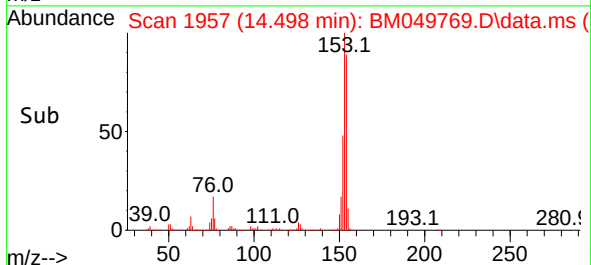
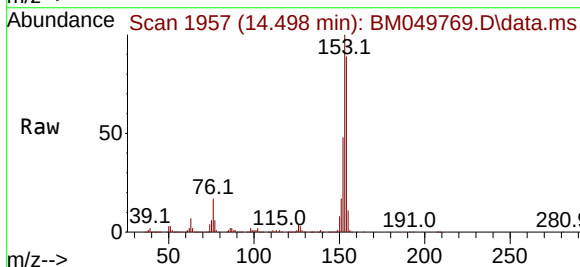
APPROVED

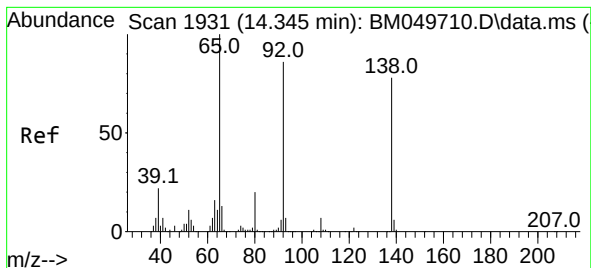
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#52
Acenaphthene
Concen: 52.863 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

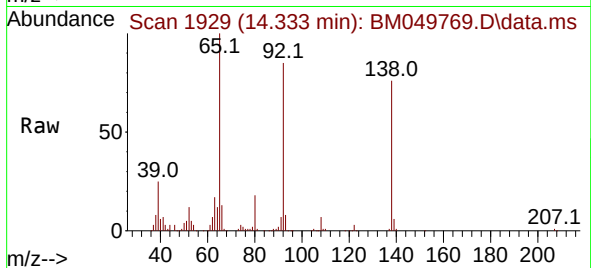
Tgt Ion:154 Resp: 2531721
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 54.0 44.2 66.2





#53
3-Nitroaniline
Concen: 15.359 ng
RT: 14.333 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

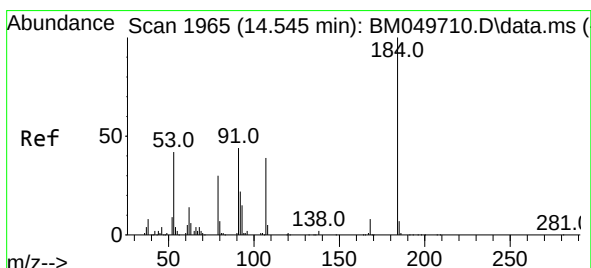
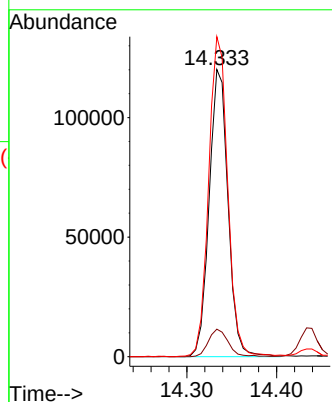
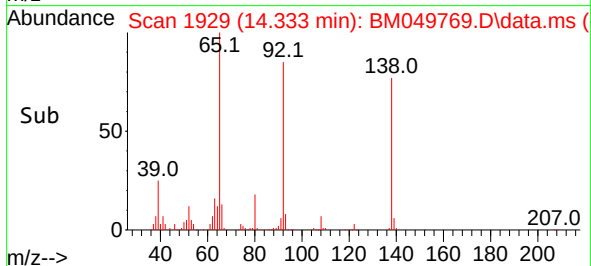
Instrument :
BNA_M
ClientSampleId :
PB167400BS



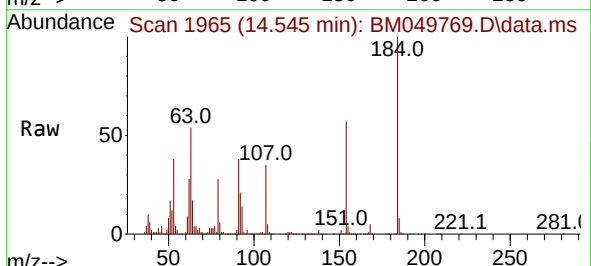
Tgt Ion:138 Resp: 17556
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 111.4 88.0 132.0

Manual Integrations
APPROVED

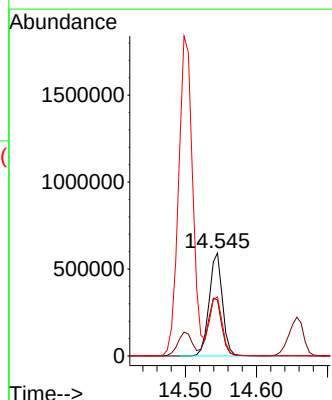
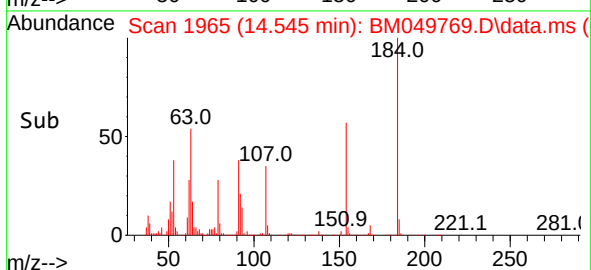
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

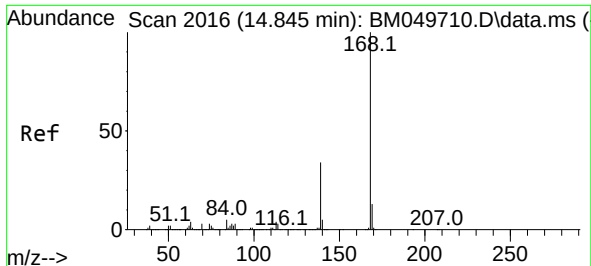


#54
2,4-Dinitrophenol
Concen: 94.063 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



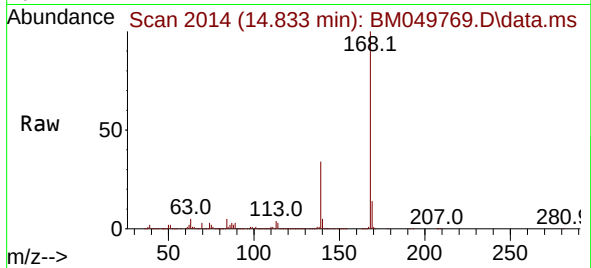
Tgt Ion:184 Resp: 770357
Ion Ratio Lower Upper
184 100
63 54.1 47.2 70.8
154 57.3 49.9 74.9





#55
Dibenzofuran
Concen: 50.112 ng
RT: 14.833 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

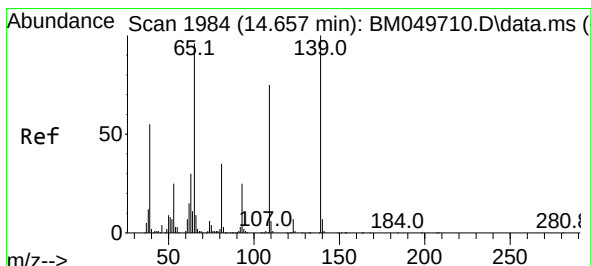
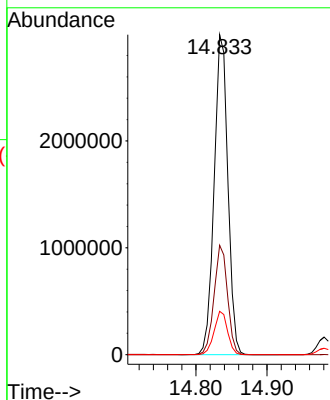
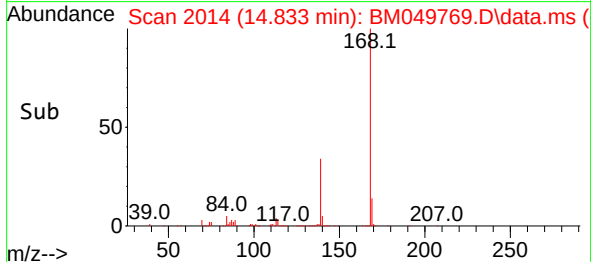
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion:168 Resp: 399908
Ion Ratio Lower Upper
168 100
139 34.2 27.4 41.0
169 13.5 10.7 16.1

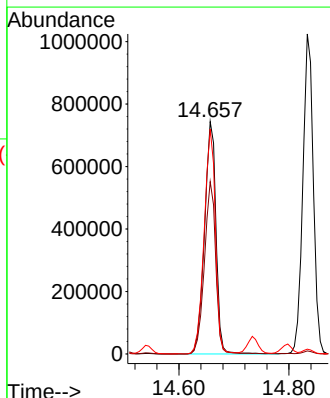
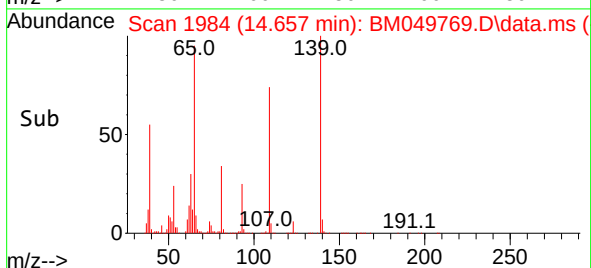
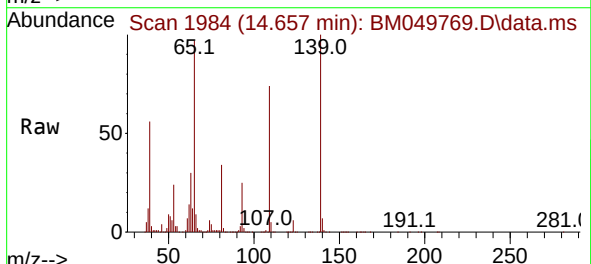
Manual Integrations
APPROVED

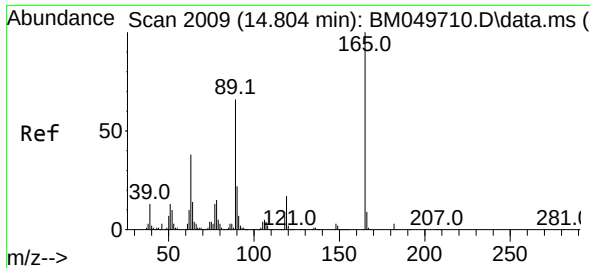
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#56
4-Nitrophenol
Concen: 107.994 ng
RT: 14.657 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:139 Resp: 1074527
Ion Ratio Lower Upper
139 100
109 74.2 54.7 94.7
65 96.9 76.2 116.2





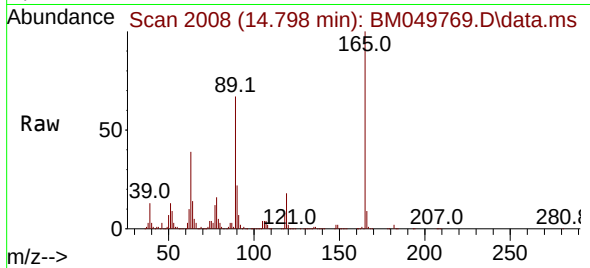
#57
2,4-Dinitrotoluene
Concen: 56.618 ng
RT: 14.798 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

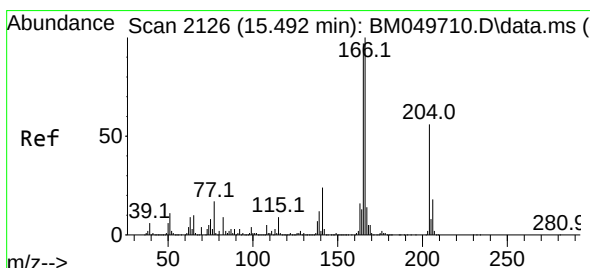
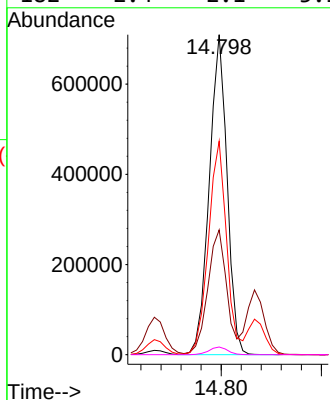
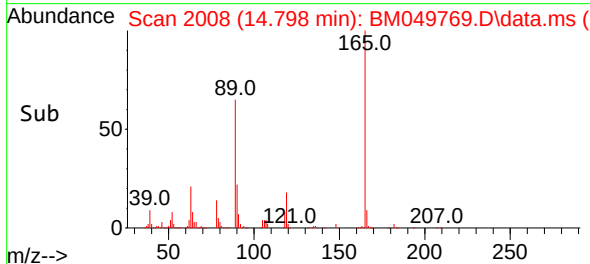


Tgt Ion:165 Resp: 875134
Ion Ratio Lower Upper
165 100
63 39.0 30.8 46.2
89 66.7 53.1 79.7
182 2.4 2.1 3.1

Manual Integrations

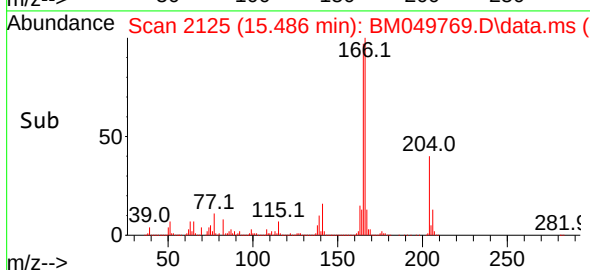
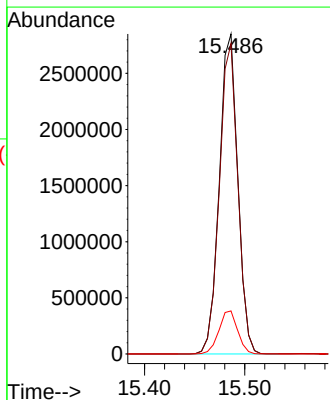
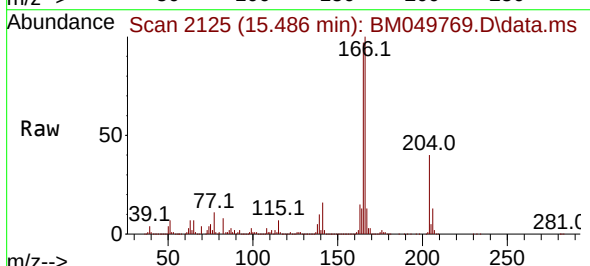
APPROVED

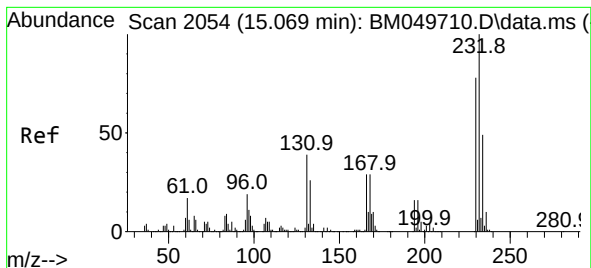
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#58
Fluorene
Concen: 56.165 ng
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

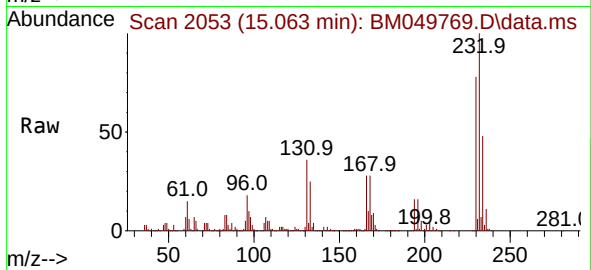
Tgt Ion:166 Resp: 3649258
Ion Ratio Lower Upper
166 100
165 97.0 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.742 ng
RT: 15.063 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

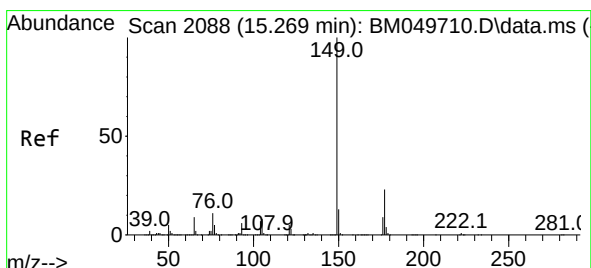
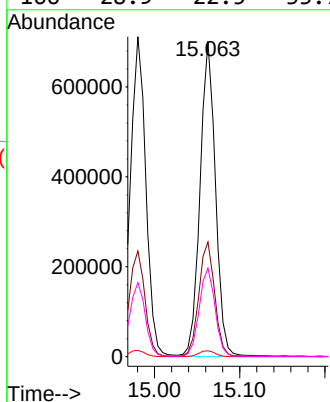
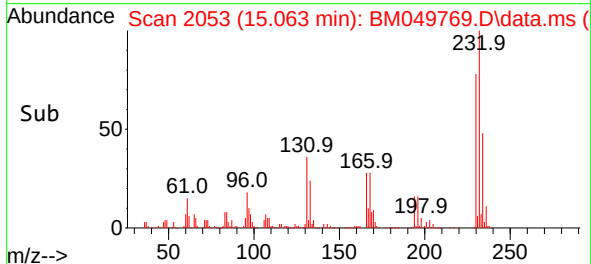
Instrument :
BNA_M
ClientSampleId :
PB167400BS



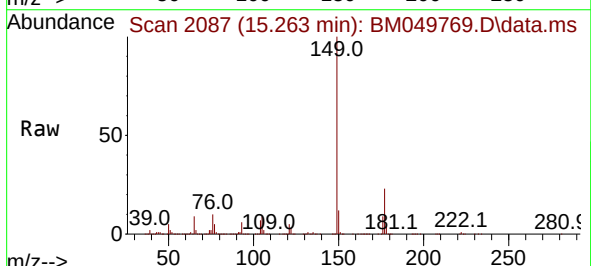
Tgt Ion:232 Resp: 879370
Ion Ratio Lower Upper
232 100
131 37.7 30.0 45.0
130 2.1 1.6 2.4
166 28.9 22.5 33.7

Manual Integrations
APPROVED

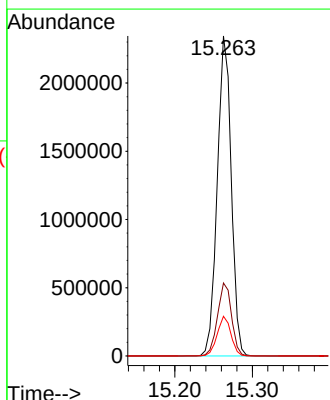
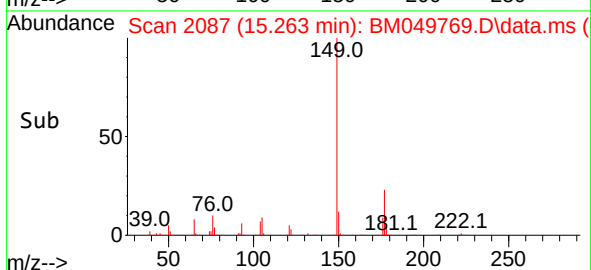
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

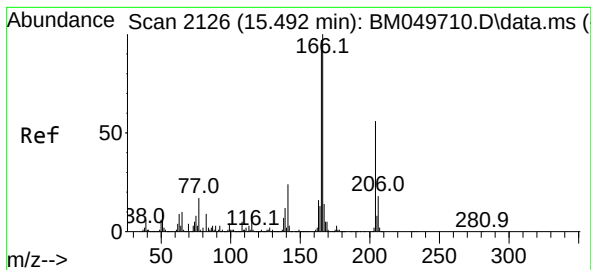


#60
Diethylphthalate
Concen: 51.932 ng
RT: 15.263 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



Tgt Ion:149 Resp: 2932175
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.4 10.0 15.0





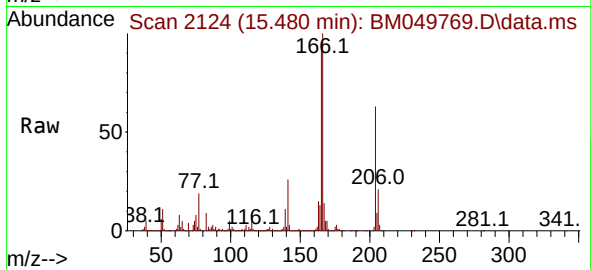
#61
4-Chlorophenyl-phenylether
Concen: 56.552 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

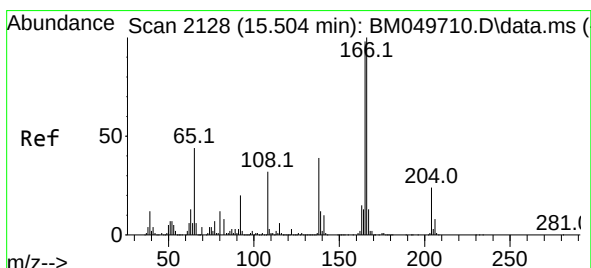
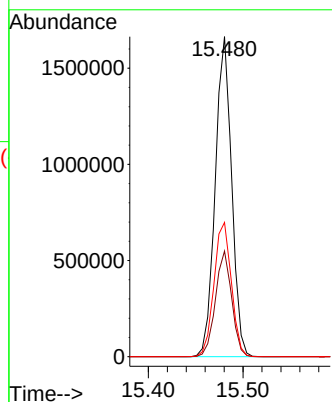
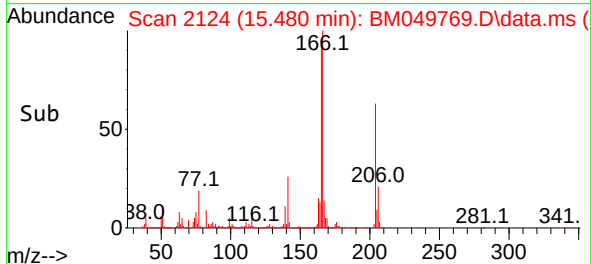


Tgt Ion:204 Resp: 2006438
Ion Ratio Lower Upper
204 100
206 33.0 25.2 37.8
141 42.0 34.5 51.7

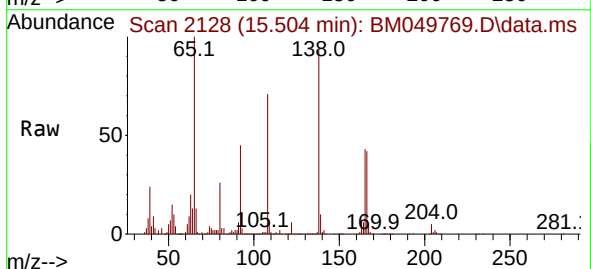
Manual Integrations

APPROVED

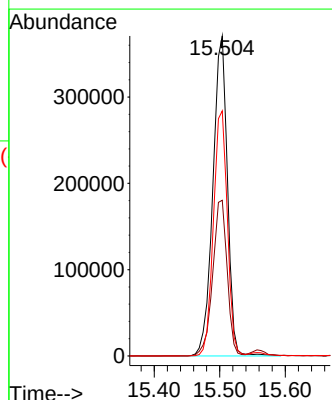
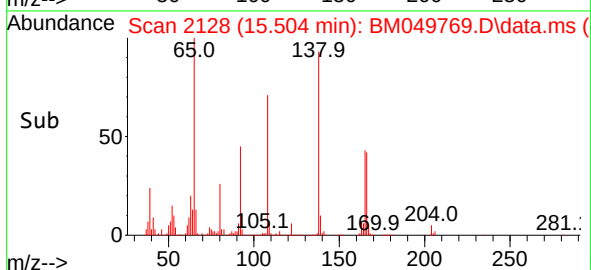
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

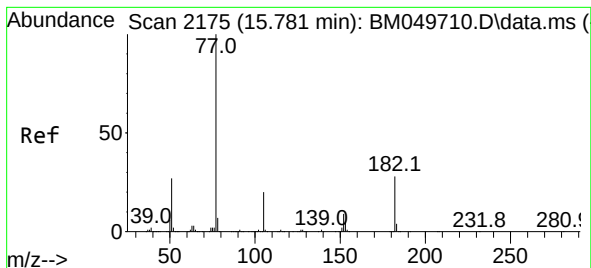


#62
4-Nitroaniline
Concen: 42.516 ng
RT: 15.504 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



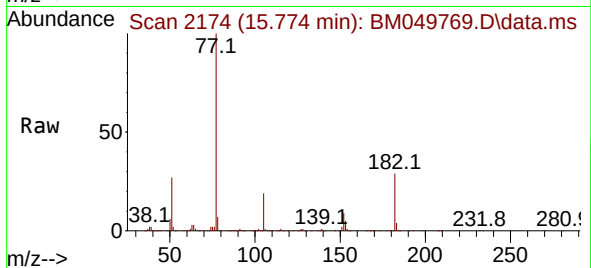
Tgt Ion:138 Resp: 571895
Ion Ratio Lower Upper
138 100
92 48.7 29.8 69.8
108 76.6 61.3 101.3





#63
Azobenzene
Concen: 53.091 ng
RT: 15.774 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

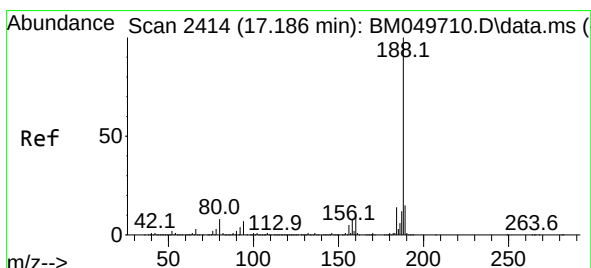
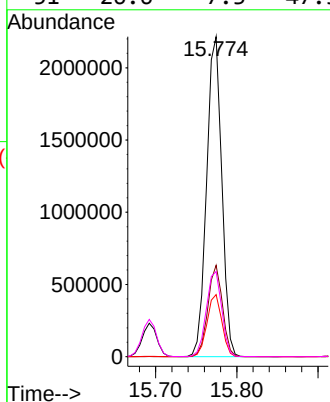
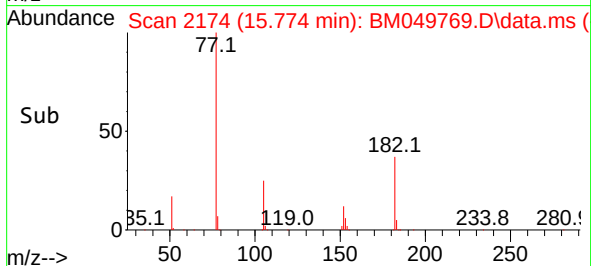
Instrument :
BNA_M
ClientSampleId :
PB167400BS



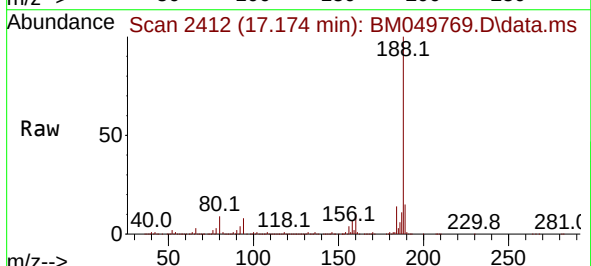
Tgt Ion: 77 Resp: 286322
Ion Ratio Lower Upper
77 100
182 28.6 8.0 48.0
105 19.4 0.0 40.0
51 26.6 7.3 47.3

Manual Integrations
APPROVED

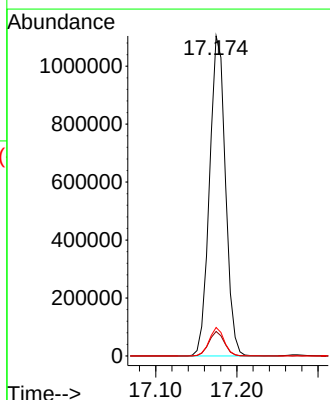
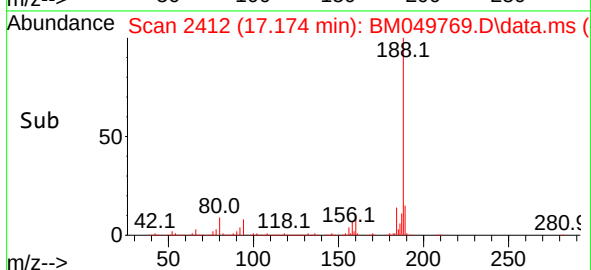
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

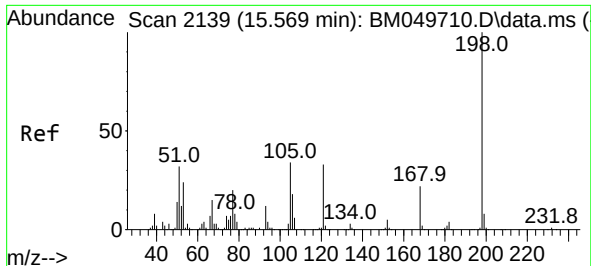


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



Tgt Ion:188 Resp: 1504264
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 8.9 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 53.272 ng
RT: 15.563 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

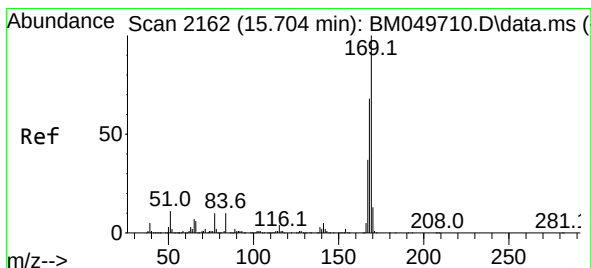
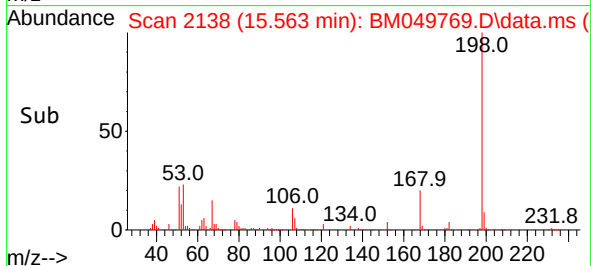
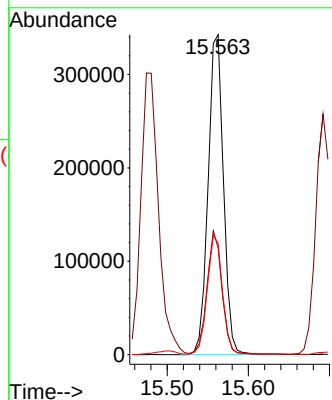
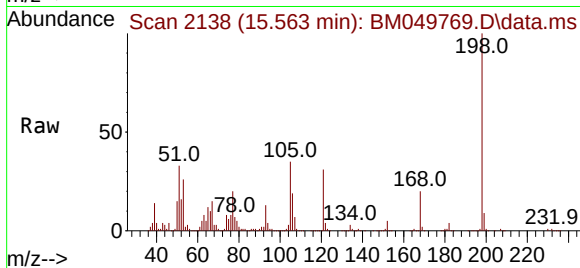
PB167400BS

Tgt Ion:198 Resp: 44882
Ion Ratio Lower Upper
198 100
51 33.3 13.8 53.8
105 34.8 14.0 54.0

Manual Integrations

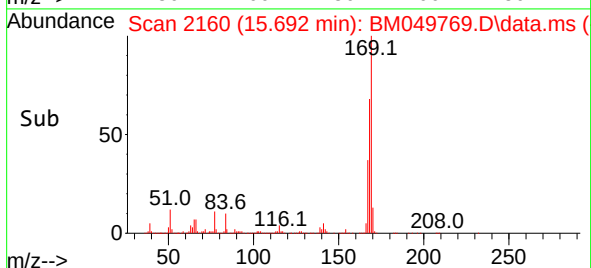
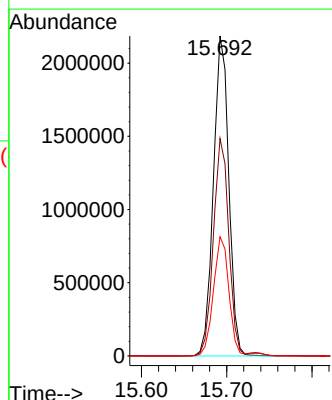
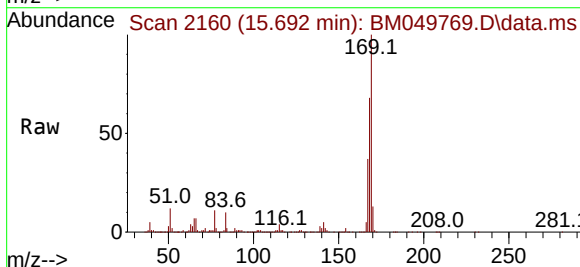
APPROVED

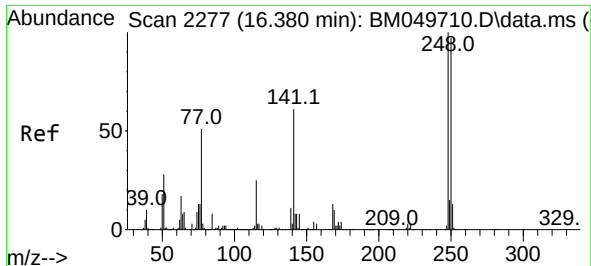
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#66
n-Nitrosodiphenylamine
Concen: 60.058 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

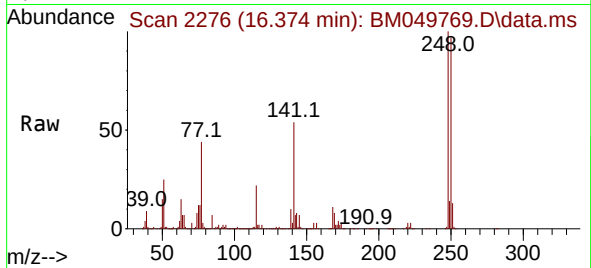
Tgt Ion:169 Resp: 2737224
Ion Ratio Lower Upper
169 100
168 67.9 54.8 82.2
167 37.2 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 58.015 ng
RT: 16.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

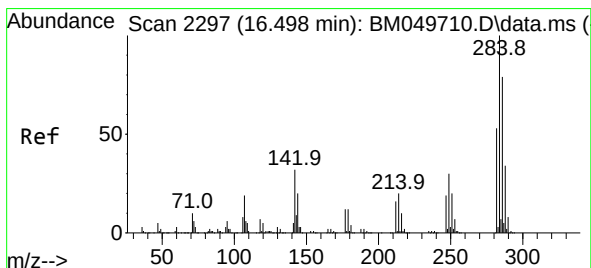
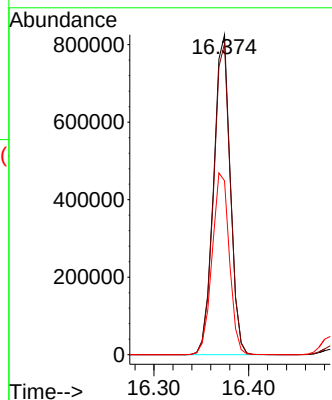
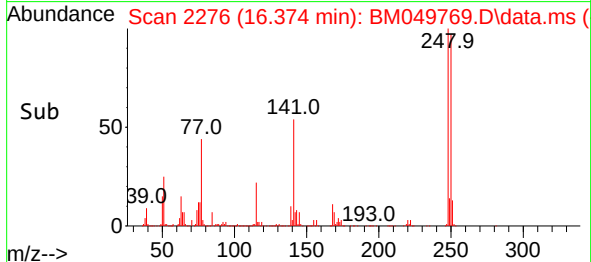
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion:248 Resp: 1007589
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 54.3 48.6 73.0

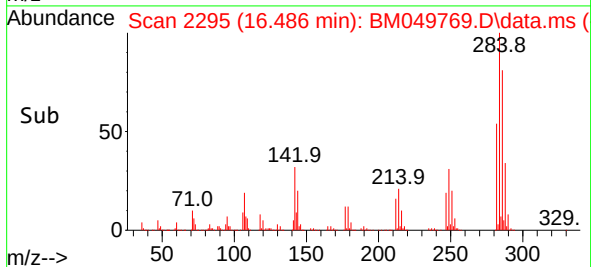
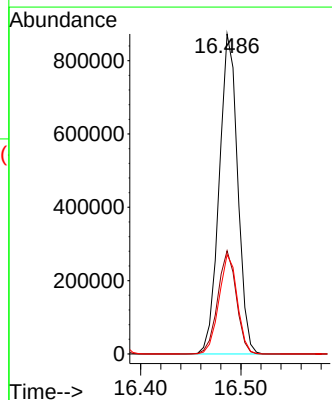
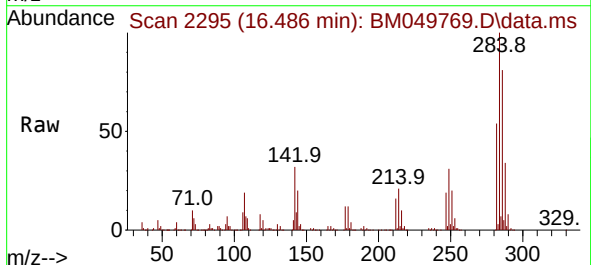
Manual Integrations
APPROVED

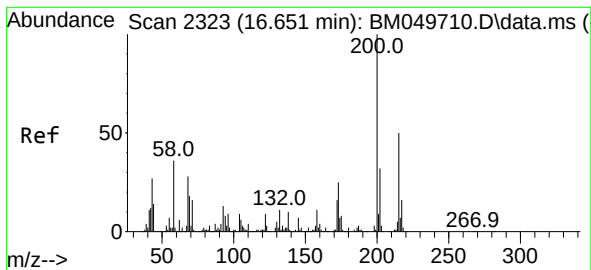
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#68
Hexachlorobenzene
Concen: 57.026 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:284 Resp: 1113744
Ion Ratio Lower Upper
284 100
142 32.3 25.5 38.3
249 31.1 24.2 36.2





#69

Atrazine

Concen: 85.250 ng

RT: 16.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

Tgt Ion:200 Resp: 856274

Ion Ratio Lower Upper

200 100

173 24.5 5.4 45.4

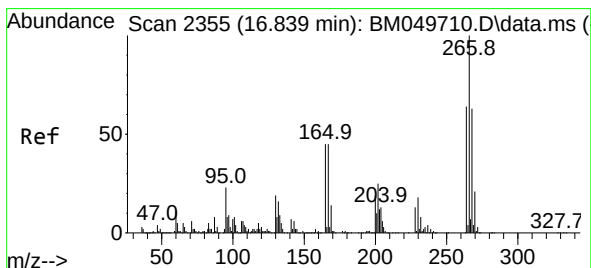
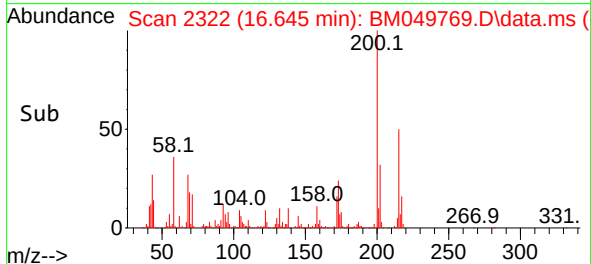
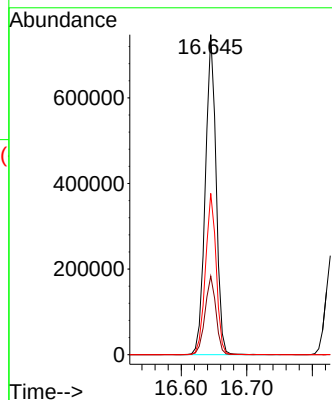
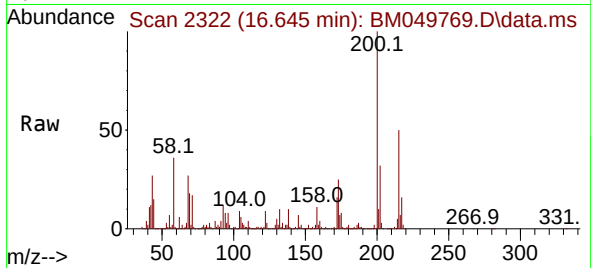
215 50.4 29.8 69.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#70

Pentachlorophenol

Concen: 128.232 ng

RT: 16.833 min Scan# 2354

Delta R.T. -0.006 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

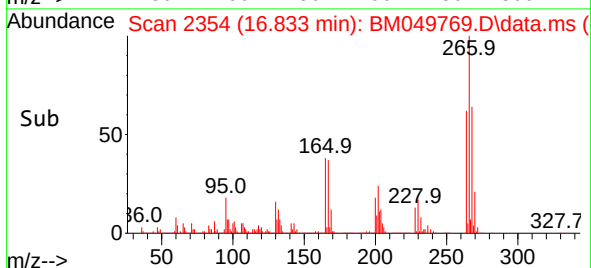
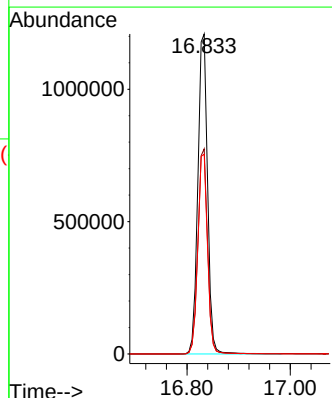
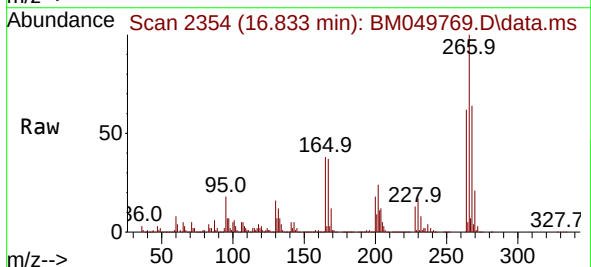
Tgt Ion:266 Resp: 1573838

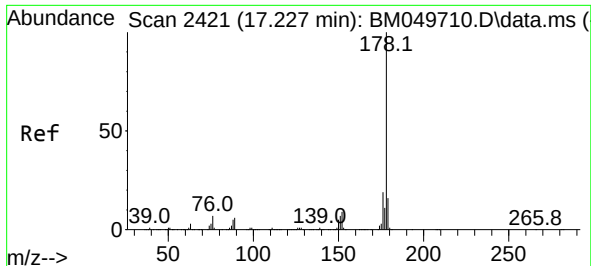
Ion Ratio Lower Upper

266 100

268 64.1 50.2 75.2

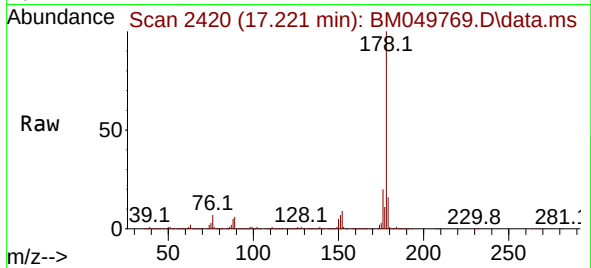
264 62.4 51.3 76.9





#71
Phenanthrene
Concen: 56.399 ng
RT: 17.221 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

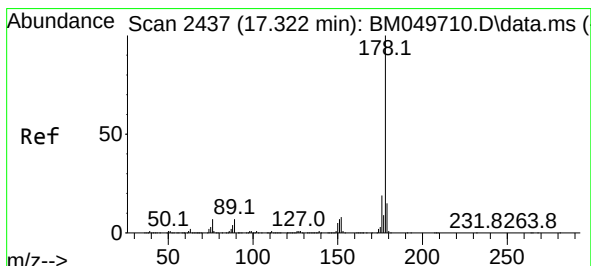
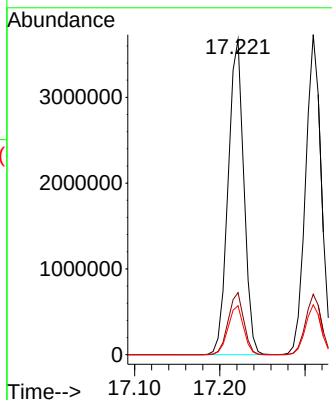
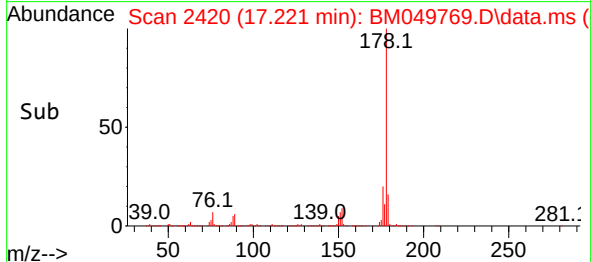
Instrument :
BNA_M
ClientSampleId :
PB167400BS



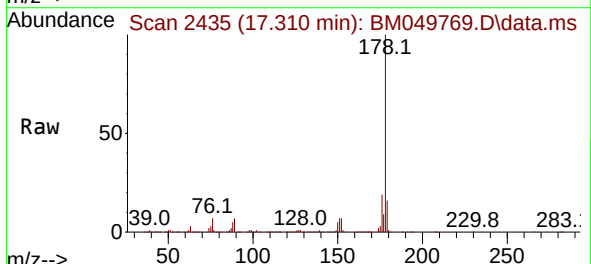
Tgt Ion:178 Resp: 4710900
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.5 12.5 18.7

Manual Integrations
APPROVED

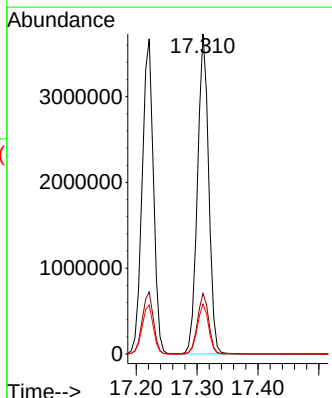
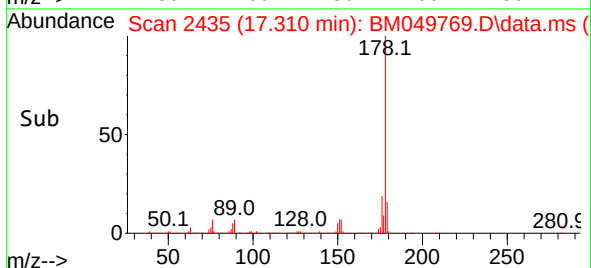
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

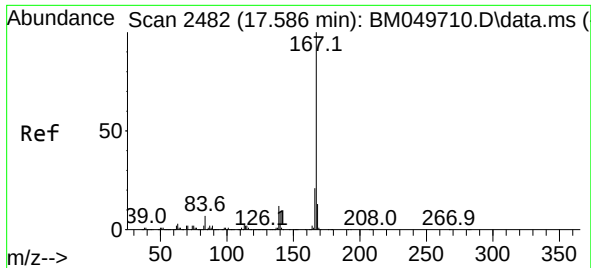


#72
Anthracene
Concen: 58.838 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



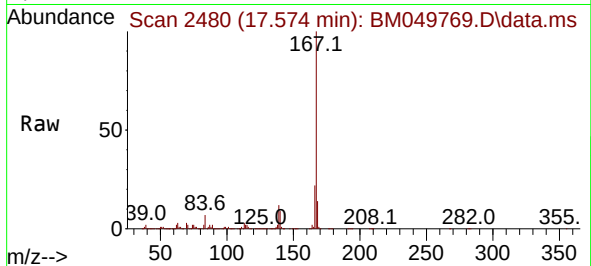
Tgt Ion:178 Resp: 4759595
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 53.503 ng
 RT: 17.574 min Scan# 2482
 Delta R.T. -0.012 min
 Lab File: BM049769.D
 Acq: 01 Apr 2025 11:36

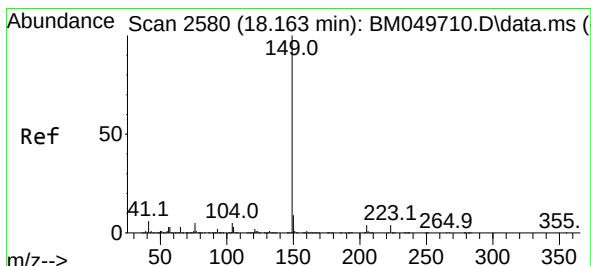
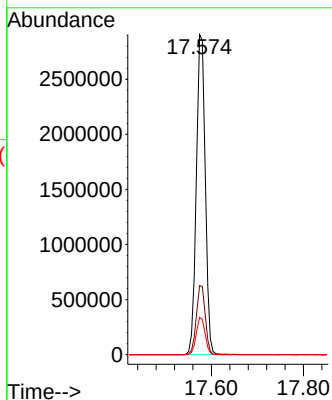
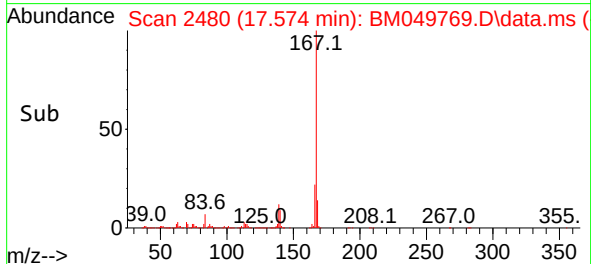
Instrument :
 BNA_M
 ClientSampleId :
 PB167400BS



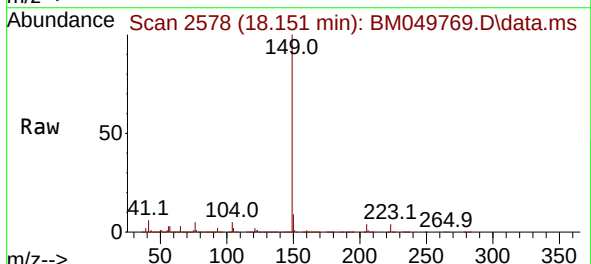
Tgt Ion:167 Resp: 391959
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 11.7 9.4 14.2

Manual Integrations
 APPROVED

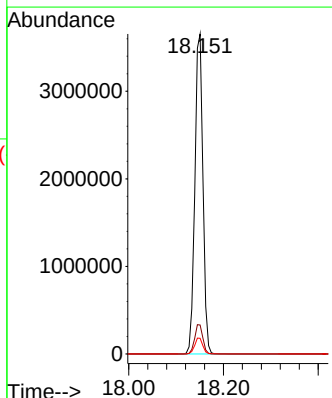
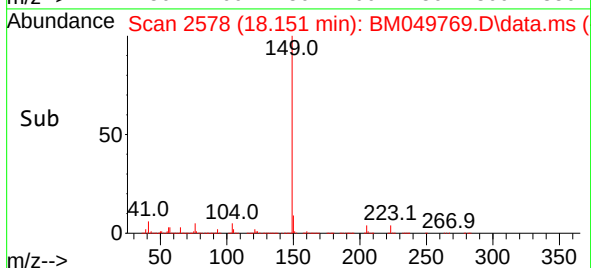
Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025

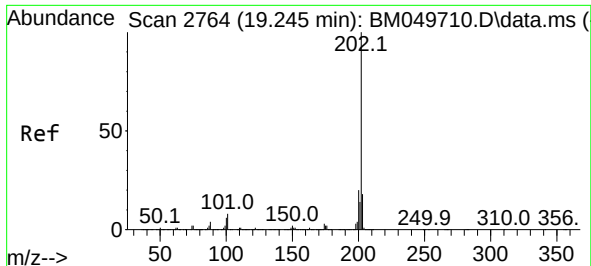


#74
 Di-n-butylphthalate
 Concen: 53.719 ng
 RT: 18.151 min Scan# 2578
 Delta R.T. -0.012 min
 Lab File: BM049769.D
 Acq: 01 Apr 2025 11:36



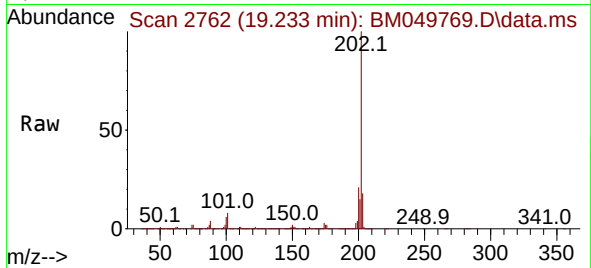
Tgt Ion:149 Resp: 4313405
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 49.617 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

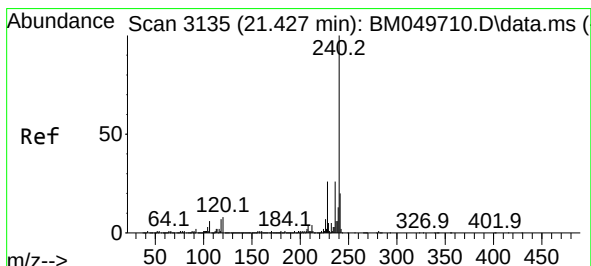
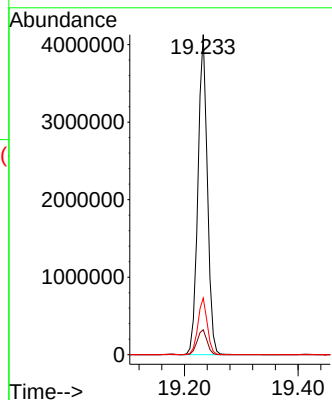
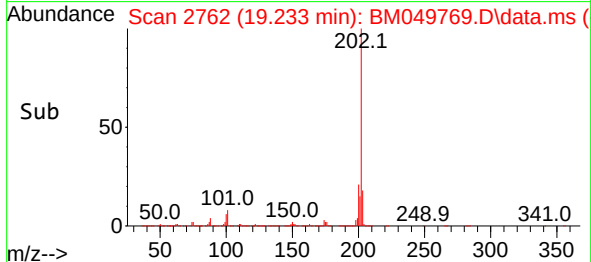
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion:202 Resp: 477139
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.8
203 17.7 0.0 37.6

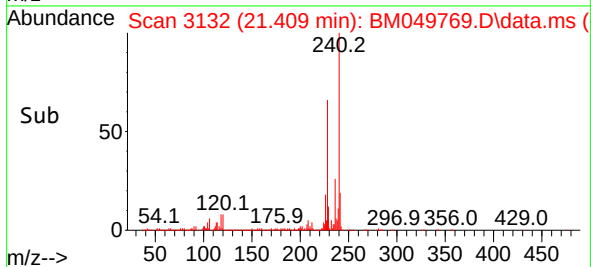
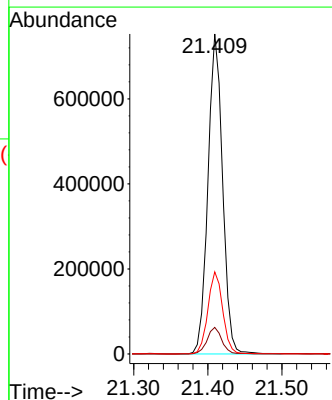
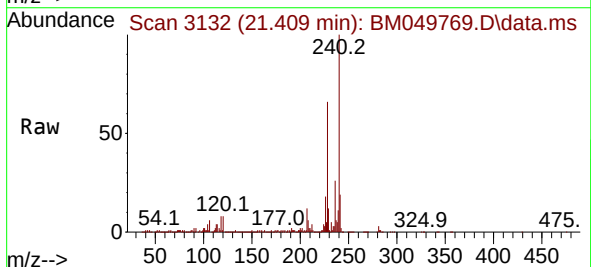
Manual Integrations
APPROVED

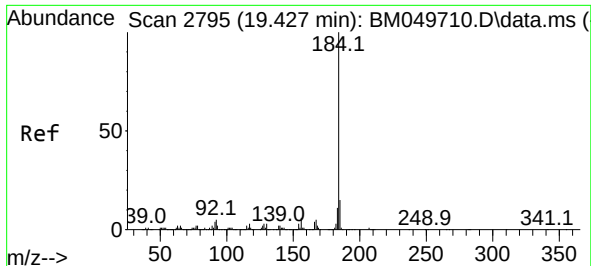
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

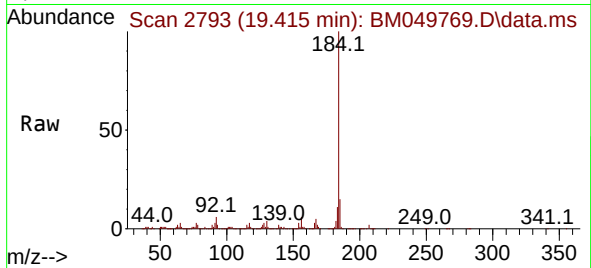
Tgt Ion:240 Resp: 1032236
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.7 20.7 31.1





#77
Benzidine
Concen: 92.642 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

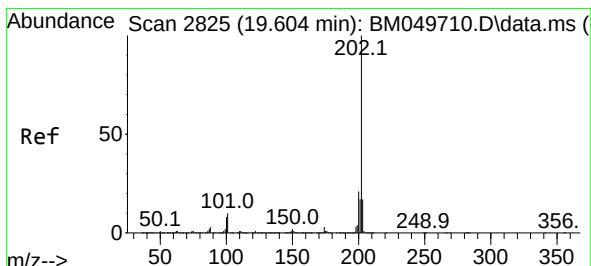
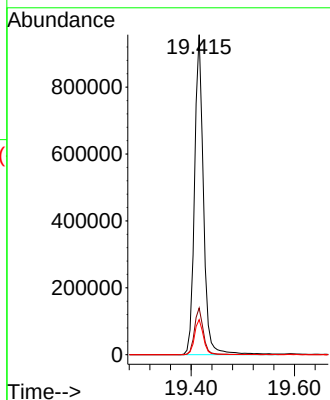
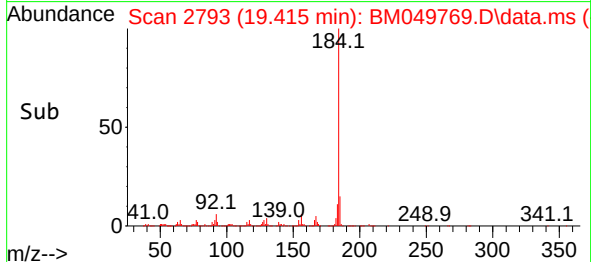
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion:184 Resp: 1148880
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.9 8.8 13.2

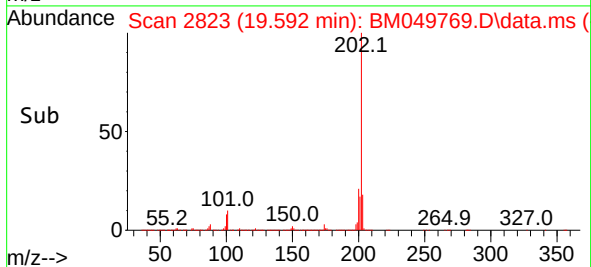
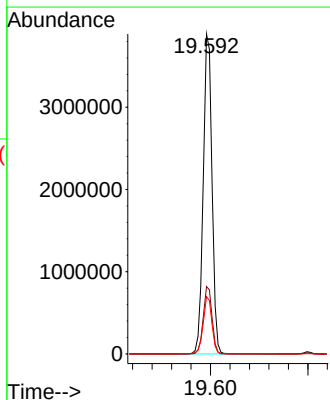
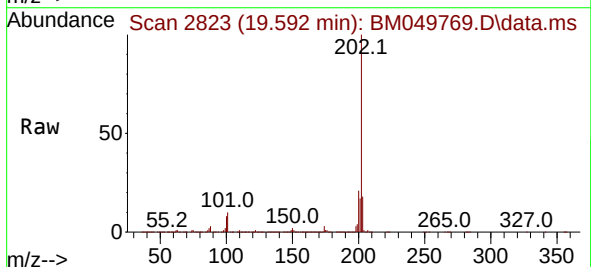
Manual Integrations
APPROVED

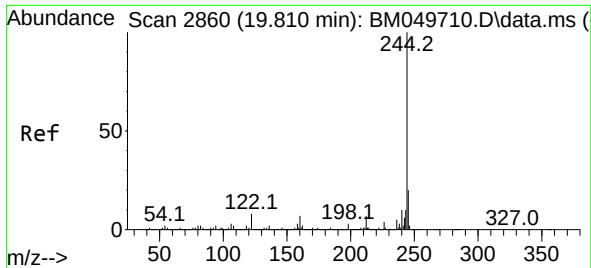
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#78
Pyrene
Concen: 67.140 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

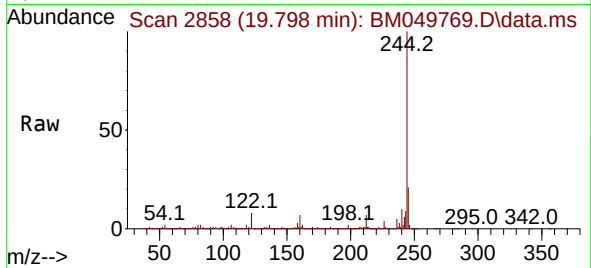
Tgt Ion:202 Resp: 4842028
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.9 14.0 21.0





#79
Terphenyl-d14
Concen: 141.824 ng
RT: 19.798 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

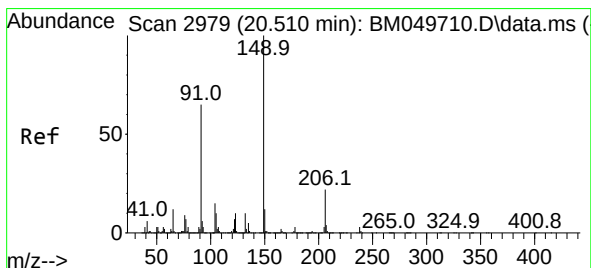
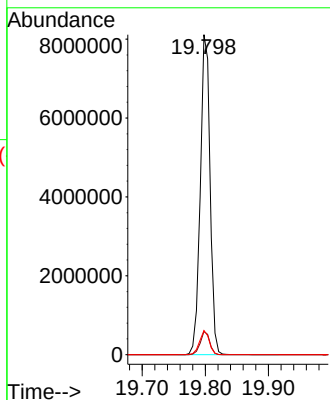
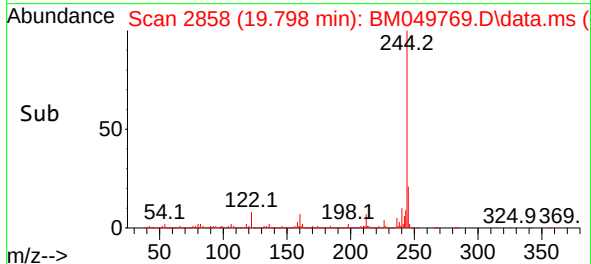
Instrument :
BNA_M
ClientSampleId :
PB167400BS



Tgt Ion:244 Resp: 868758
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.6 6.0 9.0

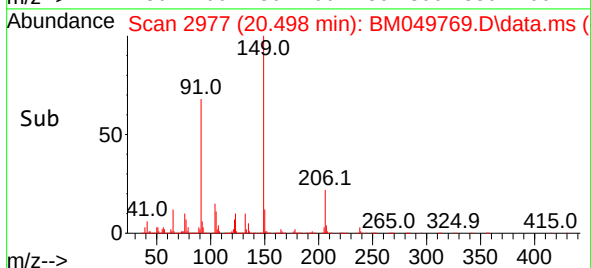
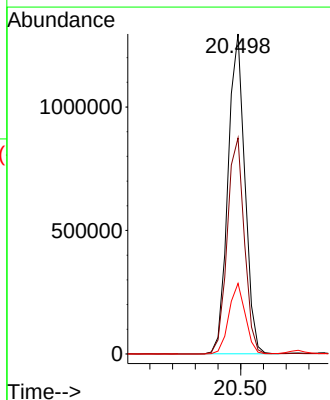
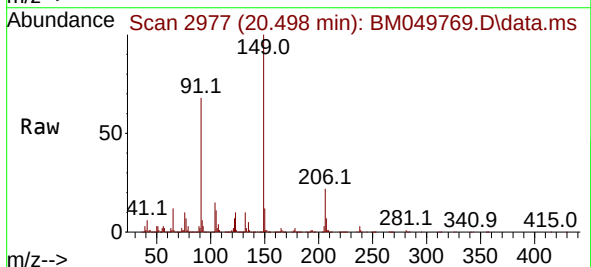
Manual Integrations
APPROVED

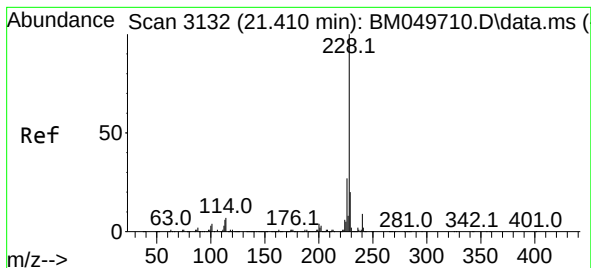
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#80
Butylbenzylphthalate
Concen: 59.621 ng
RT: 20.498 min Scan# 2977
Delta R.T. -0.012 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Tgt Ion:149 Resp: 1334372
Ion Ratio Lower Upper
149 100
91 67.5 52.2 78.4
206 22.0 17.6 26.4





#81

Benzo(a)anthracene

Concen: 55.717 ng

RT: 21.392 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

Tgt Ion:228 Resp: 384150

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

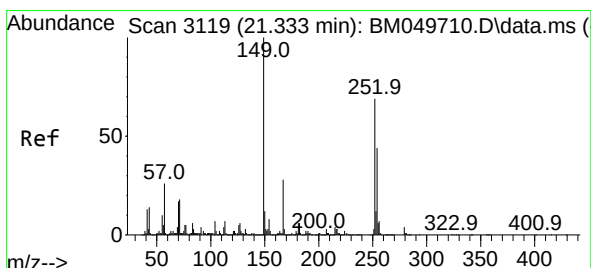
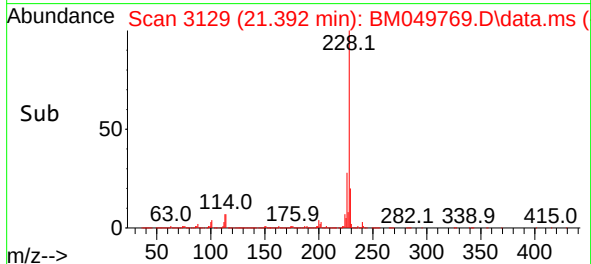
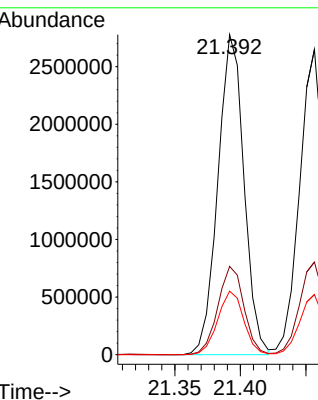
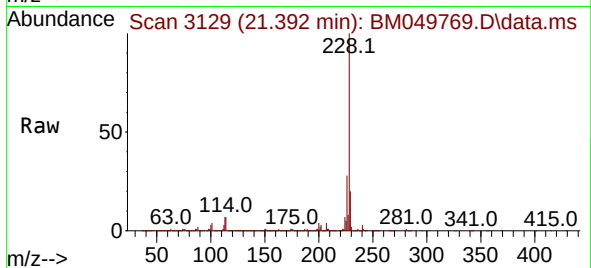
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#82

3,3'-Dichlorobenzidine

Concen: 18.294 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

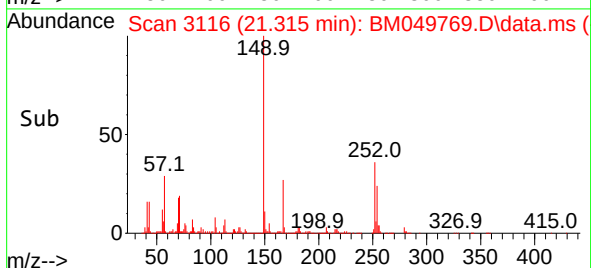
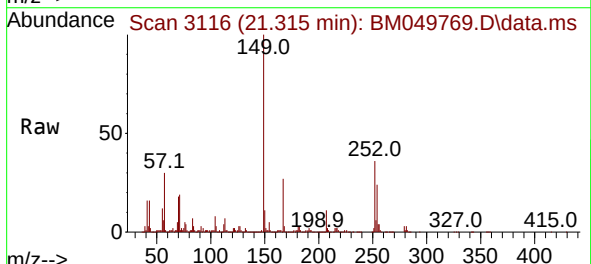
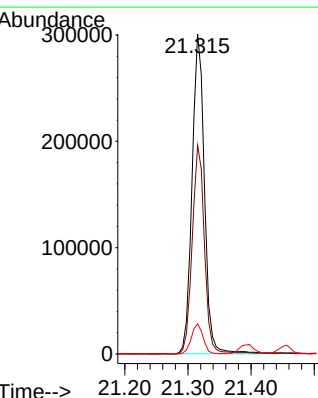
Tgt Ion:252 Resp: 410663

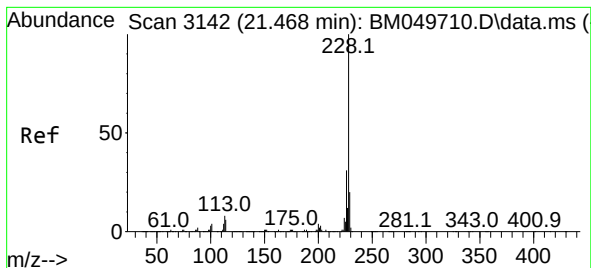
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.4

126 9.4 6.3 9.5





#83

Chrysene

Concen: 53.886 ng

RT: 21.456 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

Tgt Ion:228 Resp: 352183

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

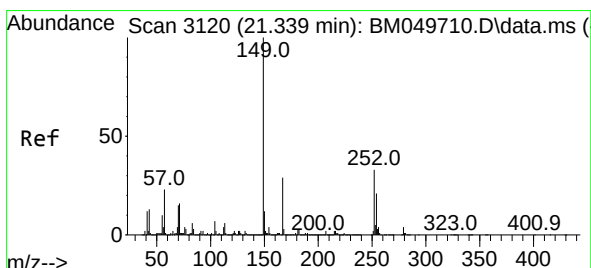
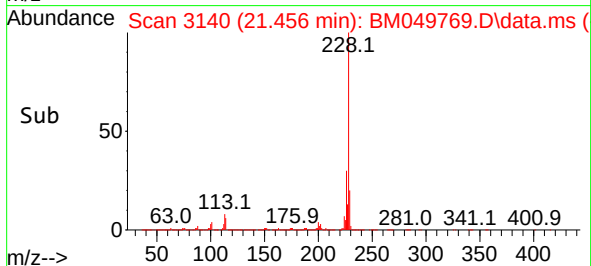
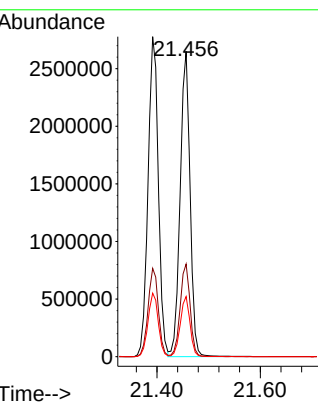
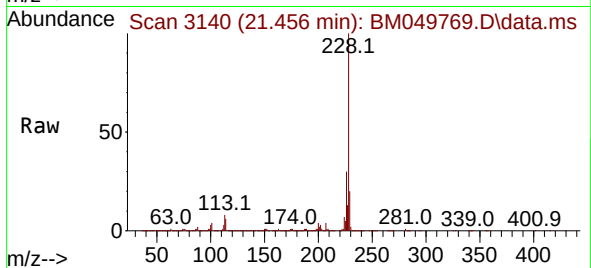
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.102 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

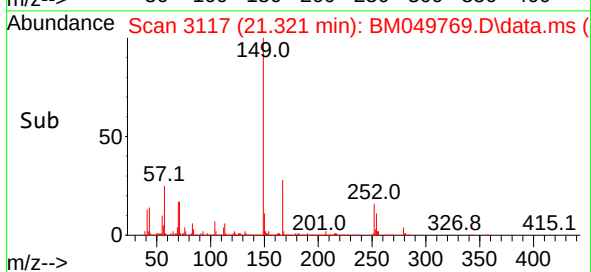
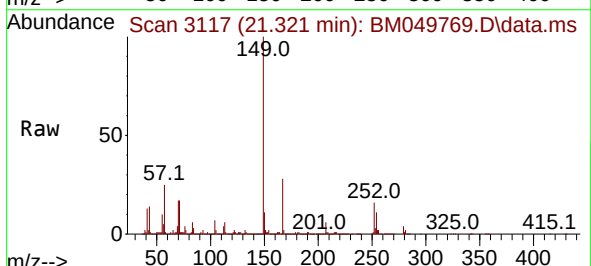
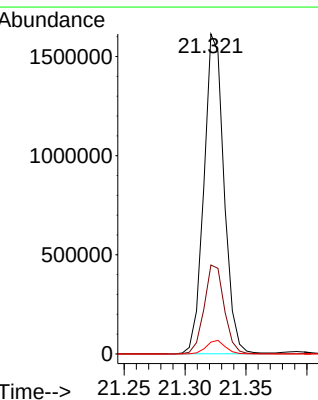
Tgt Ion:149 Resp: 1852182

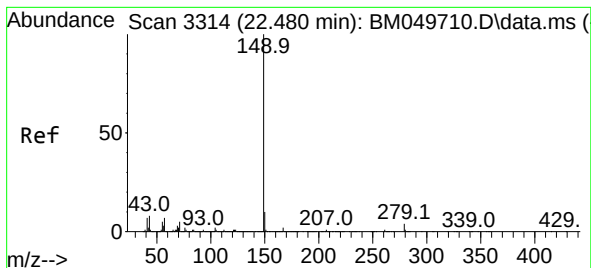
Ion Ratio Lower Upper

149 100

167 27.8 22.9 34.3

279 3.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 46.076 ng

RT: 22.462 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM049769.D

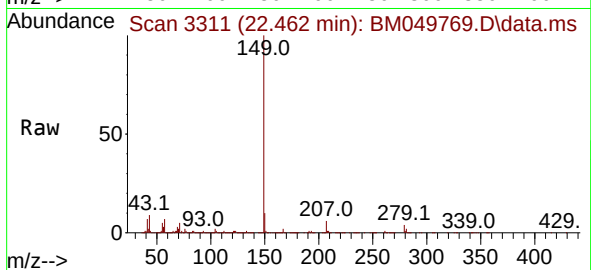
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS



Tgt Ion:149 Resp: 249789

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

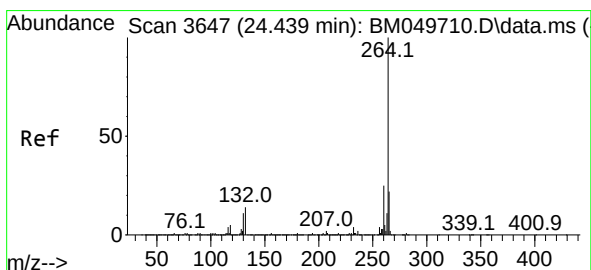
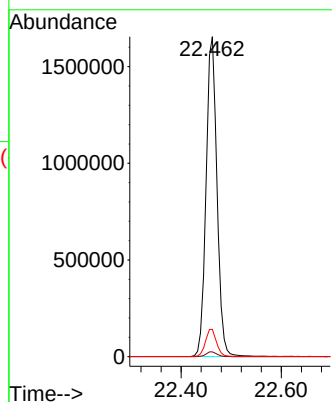
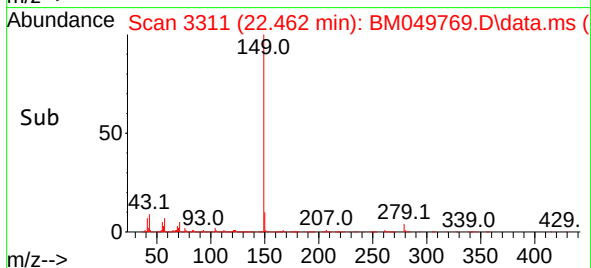
43 8.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

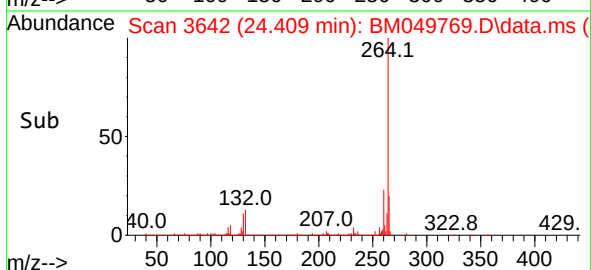
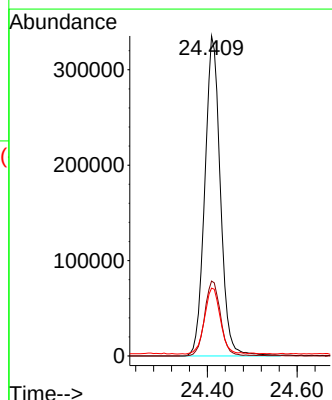
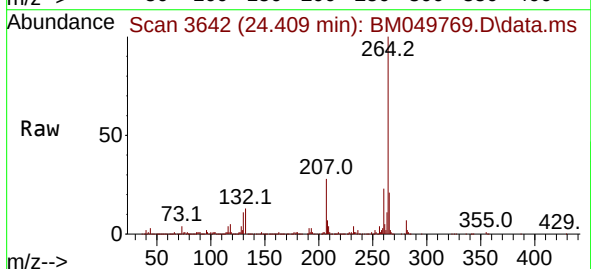
Tgt Ion:264 Resp: 806129

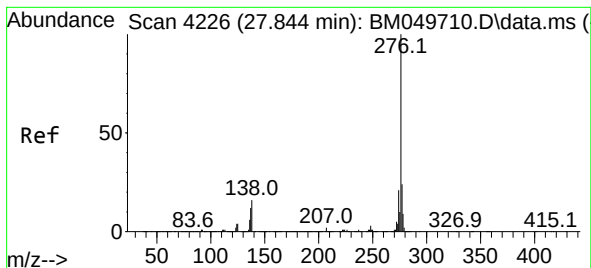
Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.2 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.612 ng

RT: 27.803 min Scan# 4219

Delta R.T. -0.041 min

Lab File: BM049769.D

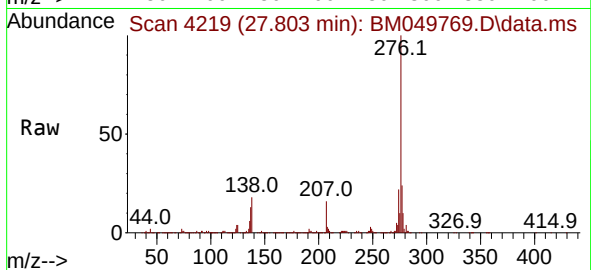
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS



Tgt Ion:276 Resp: 311066

Ion Ratio Lower Upper

276 100

138 21.2 16.3 24.5

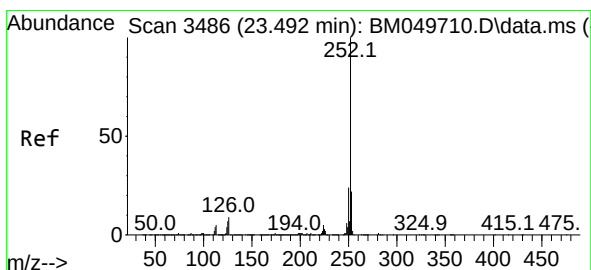
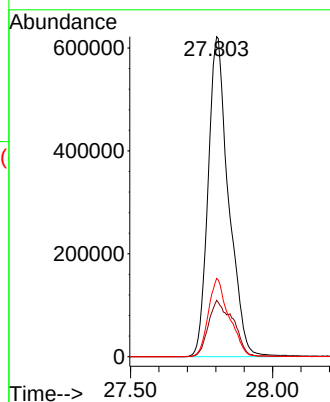
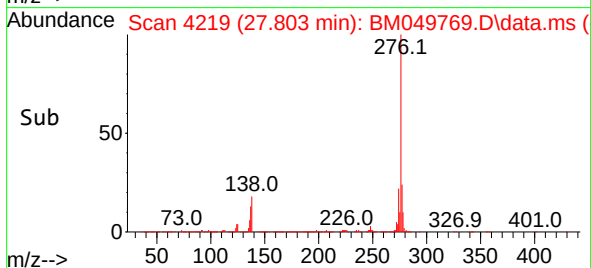
277 24.9 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#88

Benzo(b)fluoranthene

Concen: 53.618 ng

RT: 23.468 min Scan# 3482

Delta R.T. -0.024 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

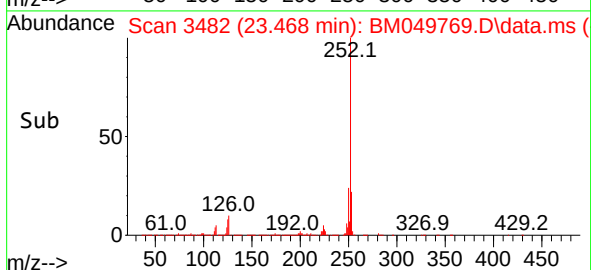
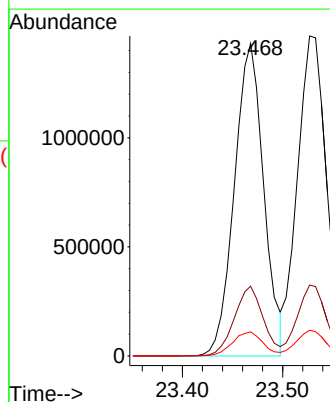
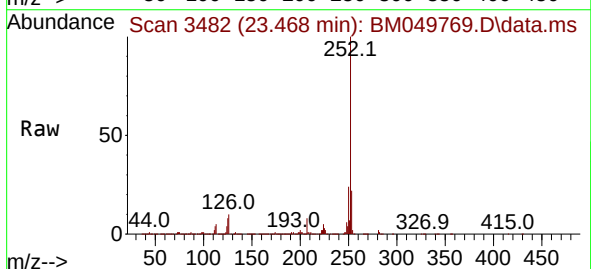
Tgt Ion:252 Resp: 2911235

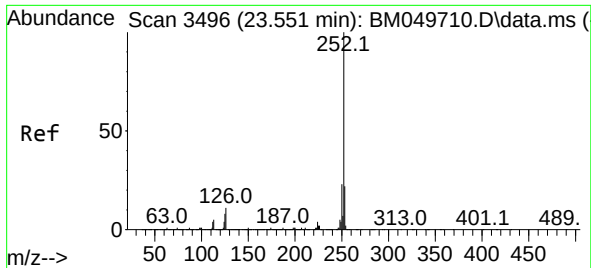
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 7.7 5.9 8.9





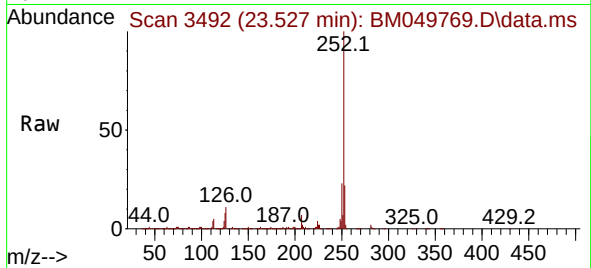
#89
Benzo(k)fluoranthene
Concen: 55.665 ng
RT: 23.527 min Scan# 3496
Delta R.T. -0.024 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

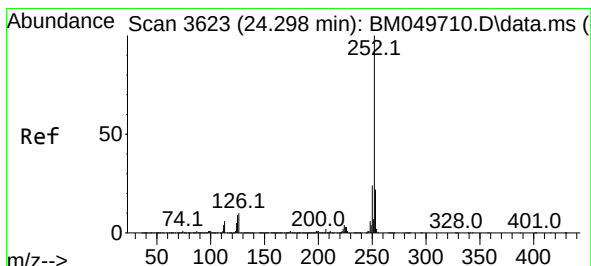
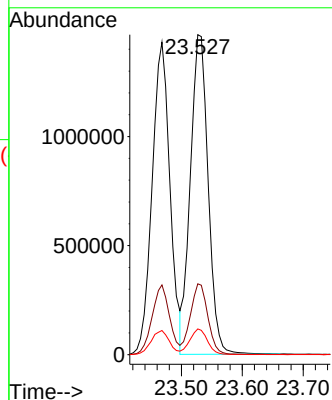
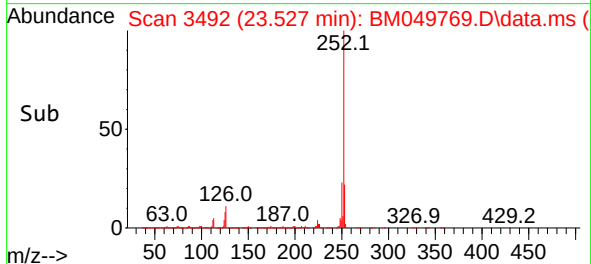


Tgt Ion:252 Resp: 297396
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.1 6.2 9.2

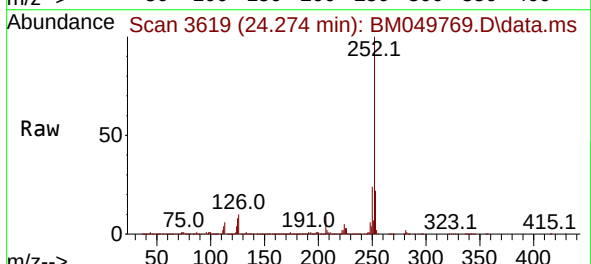
Manual Integrations

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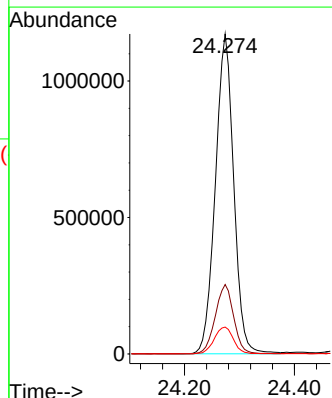
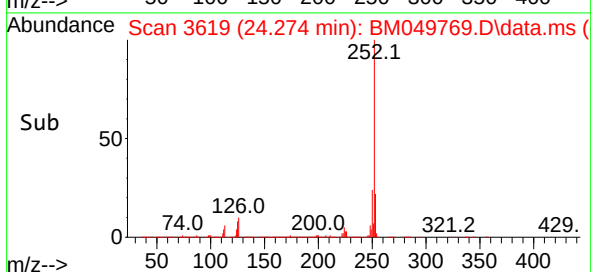
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

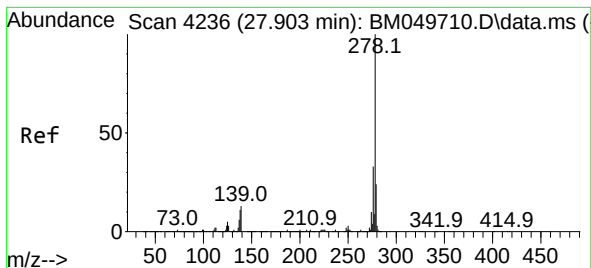


#90
Benzo(a)pyrene
Concen: 59.490 ng
RT: 24.274 min Scan# 3619
Delta R.T. -0.024 min
Lab File: BM049769.D
Acq: 01 Apr 2025 11:36



Tgt Ion:252 Resp: 2713110
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 53.125 ng

RT: 27.862 min Scan# 41

Delta R.T. -0.041 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

Instrument :

BNA_M

ClientSampleId :

PB167400BS

Tgt Ion:278 Resp: 256810

Ion Ratio Lower Upper

278 100

139 12.9 10.1 15.1

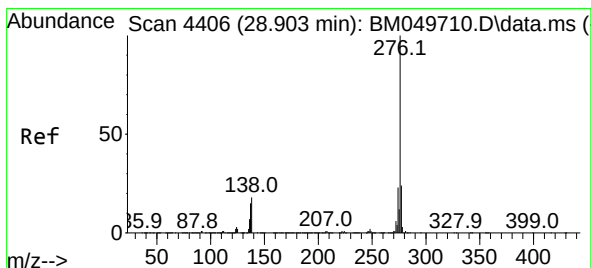
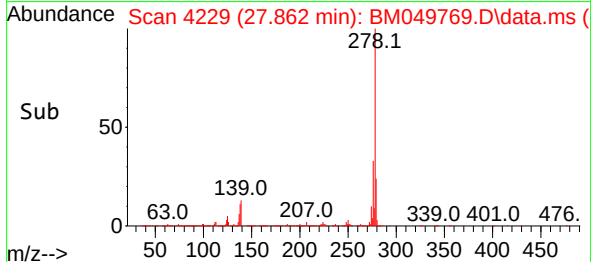
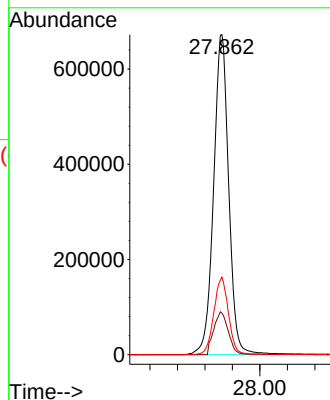
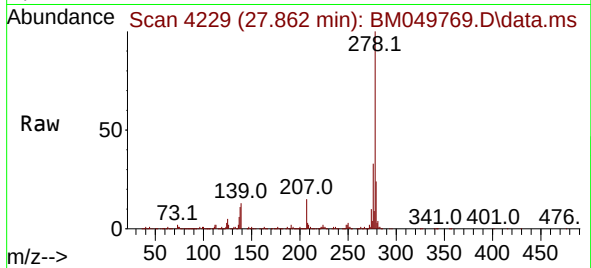
279 24.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#92

Benzo(g,h,i)perylene

Concen: 50.842 ng

RT: 28.856 min Scan# 4398

Delta R.T. -0.047 min

Lab File: BM049769.D

Acq: 01 Apr 2025 11:36

Tgt Ion:276 Resp: 2475637

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 17.7 14.0 21.0

