

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049823.D
 Acq On : 04 Apr 2025 14:43
 Operator : RC/JU
 Sample : Q1694-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-18MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

Quant Time: Apr 04 15:18:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	283573	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1050554	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	720854	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1520332	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1576204	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1548769	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1824127	108.540	ng	-0.02
7) Phenol-d6	6.963	99	2377363	112.721	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1335950	65.289	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1248715	148.349	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	3608868	62.699	ng	-0.02
79) Terphenyl-d14	19.792	244	6913213	73.909	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	284937	39.165	ng	96
3) Pyridine	3.669	79	796105	42.847	ng	97
4) n-Nitrosodimethylamine	3.575	42	325138	39.549	ng	89
6) Aniline	7.110	93	1062499	60.132	ng	98
8) 2-Chlorophenol	7.351	128	867557	52.128	ng	97
9) Benzaldehyde	6.922	77	494417	47.420	ng	95
10) Phenol	6.987	94	1091167	53.357	ng	94
11) bis(2-Chloroethyl)ether	7.210	93	785473	47.431	ng	97
12) 1,3-Dichlorobenzene	7.675	146	948506	46.897	ng	97
13) 1,4-Dichlorobenzene	7.822	146	959517	47.026	ng	98
14) 1,2-Dichlorobenzene	8.139	146	923944	47.647	ng	99
15) Benzyl Alcohol	8.028	79	714722	54.001	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.310	45	917027m	47.114	ng	
17) 2-Methylphenol	8.234	107	692412	57.029	ng	97
18) Hexachloroethane	8.869	117	334390	46.408	ng	92
19) n-Nitroso-di-n-propyla...	8.592	70	611922	50.036	ng	98
20) 3+4-Methylphenols	8.557	107	947011	58.203	ng	96
22) Acetophenone	8.610	105	1221869	45.108	ng	# 97
24) Nitrobenzene	8.986	77	865318	44.849	ng	94
25) Isophorone	9.516	82	1672660	53.241	ng	97
26) 2-Nitrophenol	9.692	139	453197	55.187	ng	95
27) 2,4-Dimethylphenol	9.763	122	766529	73.332	ng	96
28) bis(2-Chloroethoxy)met...	9.992	93	1049451	47.428	ng	98
29) 2,4-Dichlorophenol	10.233	162	895421	52.571	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	953114	44.725	ng	100
31) Naphthalene	10.633	128	2457744	45.497	ng	100
32) Benzoic acid	9.898	122	603855	67.927	ng	93
33) 4-Chloroaniline	10.739	127	739977	40.138	ng	97
34) Hexachlorobutadiene	10.922	225	582683	44.292	ng	98
35) Caprolactam	11.522	113	271046	68.542	ng	89
36) 4-Chloro-3-methylphenol	11.874	107	837254	57.279	ng	99
37) 2-Methylnaphthalene	12.245	142	1663597	44.042	ng	99
38) 1-Methylnaphthalene	12.469	142	1765673	48.449	ng	96
40) 1,2,4,5-Tetrachloroben...	12.616	216	1133822	42.821	ng	99
41) Hexachlorocyclopentadiene	12.604	237	1446002	147.410	ng	97
43) 2,4,6-Trichlorophenol	12.857	196	776826	52.383	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	852479	52.678	ng	98
46) 1,1'-Biphenyl	13.263	154	2495189	44.912	ng	100
47) 2-Chloronaphthalene	13.304	162	1985404	45.912	ng	99
48) 2-Nitroaniline	13.504	65	515679	53.121	ng	92
49) Acenaphthylene	14.151	152	3184107	52.678	ng	99
50) Dimethylphthalate	13.886	163	2528429	50.945	ng	100
51) 2,6-Dinitrotoluene	14.004	165	545022	54.807	ng	87
52) Acenaphthene	14.492	154	1877545	47.355	ng	99
53) 3-Nitroaniline	14.327	138	424820	44.892	ng	97
54) 2,4-Dinitrophenol	14.539	184	703634	100.585	ng	89
55) Dibenzofuran	14.827	168	3056872	46.270	ng	98
56) 4-Nitrophenol	14.651	139	1055783	128.171	ng	88
57) 2,4-Dinitrotoluene	14.792	165	784641	61.318	ng	92
58) Fluorene	15.474	166	2642671	49.129	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	749437	55.324	ng	98
60) Diethylphthalate	15.257	149	2469491	52.831	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1418419	48.290	ng	99
62) 4-Nitroaniline	15.492	138	581201	51.336	ng	93
63) Azobenzene	15.762	77	2335486	52.309	ng	96
65) 4,6-Dinitro-2-methylph...	15.557	198	455938	53.480	ng	96
66) n-Nitrosodiphenylamine	15.686	169	2244807	48.733	ng	98
67) 4-Bromophenyl-phenylether	16.362	248	844608	48.117	ng	99
68) Hexachlorobenzene	16.480	284	970673	49.175	ng	98
69) Atrazine	16.639	200	851571	83.886	ng	99
70) Pentachlorophenol	16.827	266	1457616	117.507	ng	98
71) Phenanthrene	17.215	178	4183901	49.560	ng	99
72) Anthracene	17.304	178	4274084	52.278	ng	100
73) Carbazole	17.574	167	3957574	53.450	ng	99
74) Di-n-butylphthalate	18.139	149	4631002	57.065	ng	99
75) Fluoranthene	19.227	202	5152388	53.012	ng	99
77) Benzidine	19.409	184	2829956	149.444	ng	100
78) Pyrene	19.592	202	5374031	48.800	ng	100
80) Butylbenzylphthalate	20.492	149	2099221	61.425	ng	95
81) Benzo(a)anthracene	21.392	228	5306532	50.404	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1237963	36.117	ng	99
83) Chrysene	21.450	228	4852225	48.620	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	3158643	59.305	ng	97
85) Di-n-octyl phthalate	22.450	149	5203980	62.864	ng	97
87) Indeno(1,2,3-cd)pyrene	27.797	276	5879076	52.740	ng	100
88) Benzo(b)fluoranthene	23.462	252	4870557	46.691	ng	100
89) Benzo(k)fluoranthene	23.527	252	4942475	48.151	ng	99
90) Benzo(a)pyrene	24.268	252	4630511	52.847	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	4835039	52.060	ng	100
92) Benzo(g,h,i)perylene	28.862	276	4636283	49.559	ng	99

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

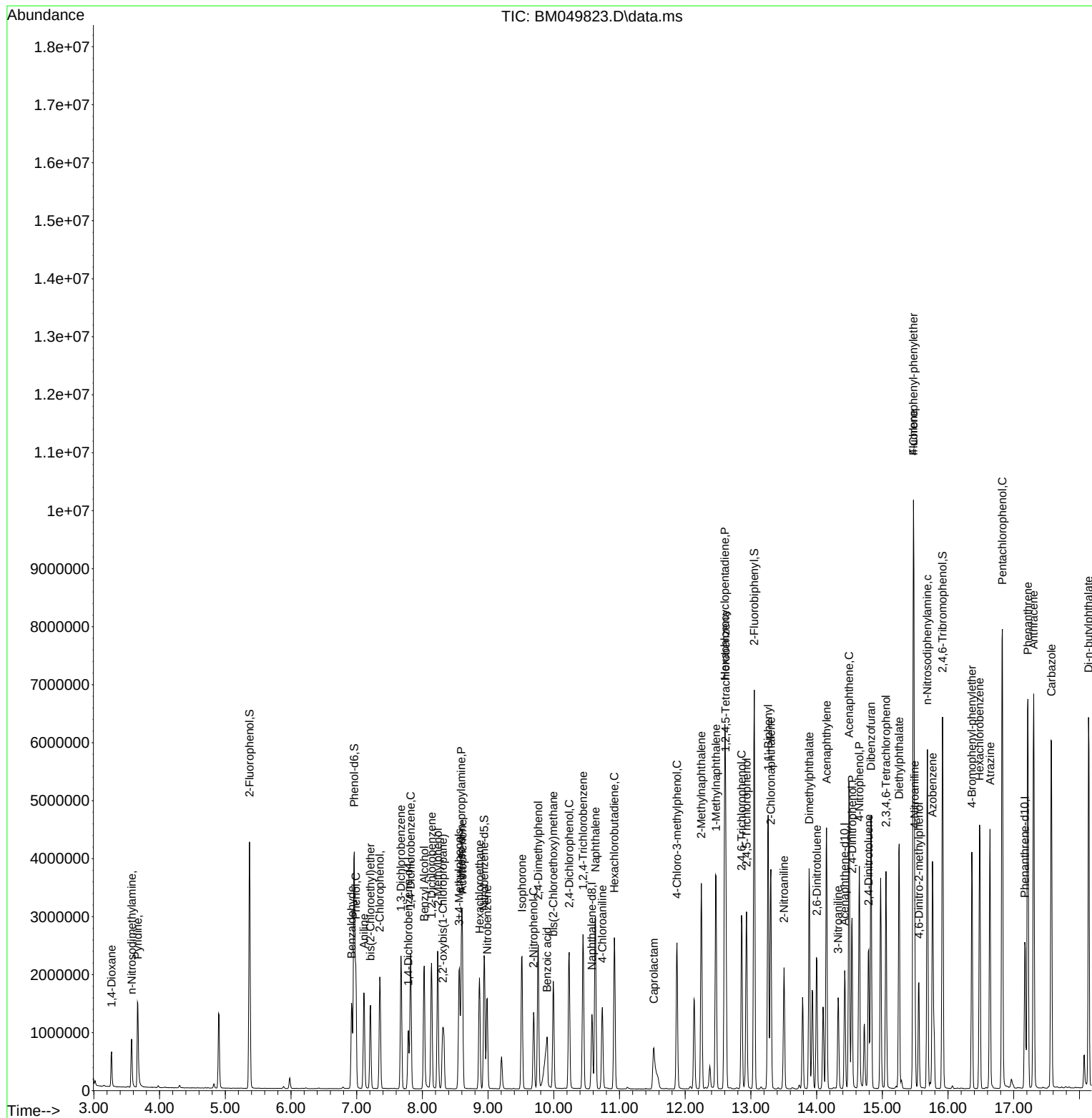
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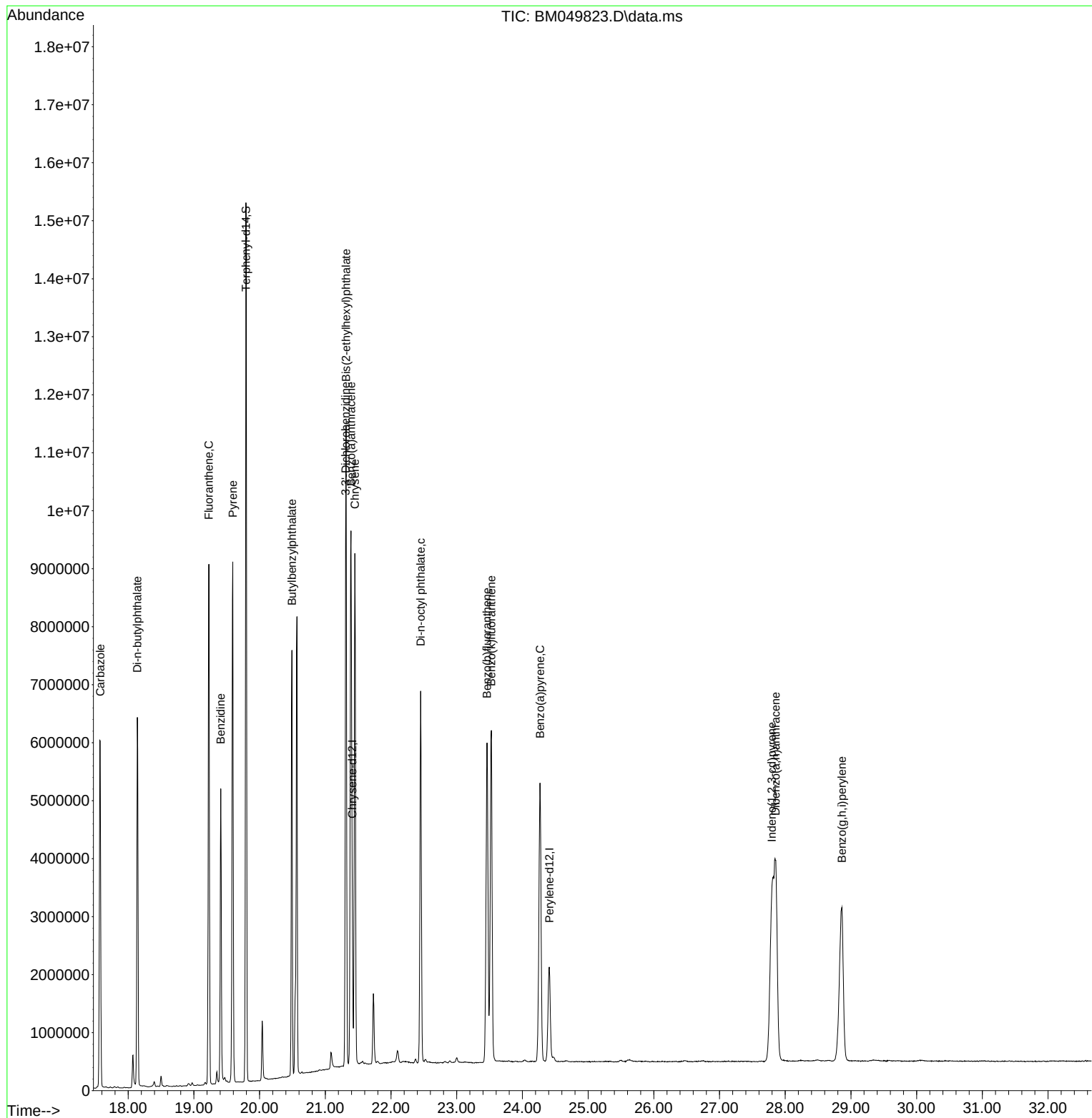
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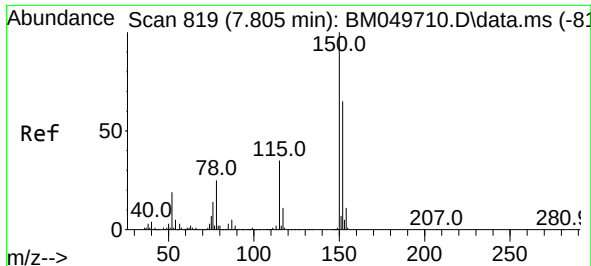
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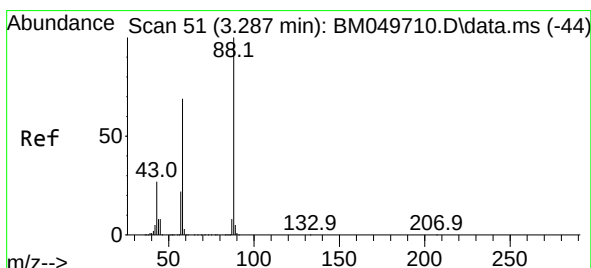
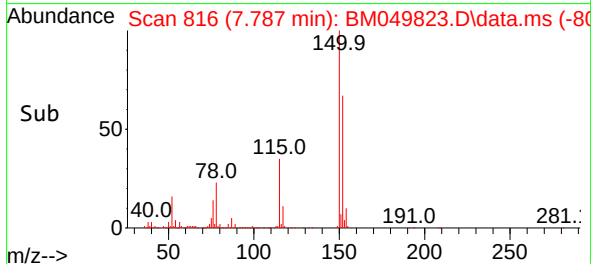
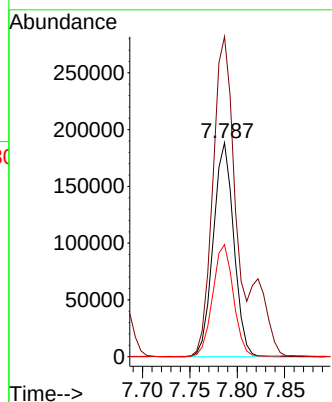
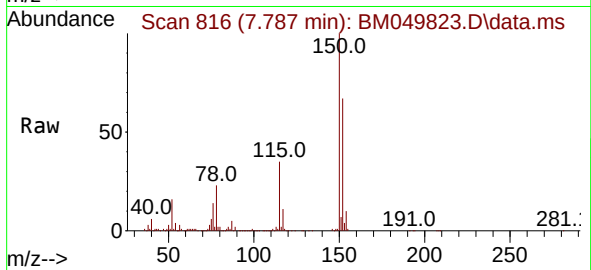
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049823.D
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Tgt Ion:152 Resp: 28357
Ion Ratio Lower Upper
152 100
150 149.6 123.8 185.8
115 52.4 43.0 64.6

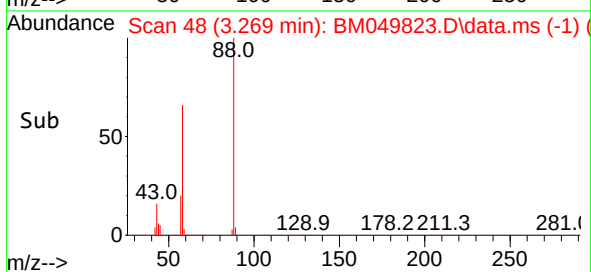
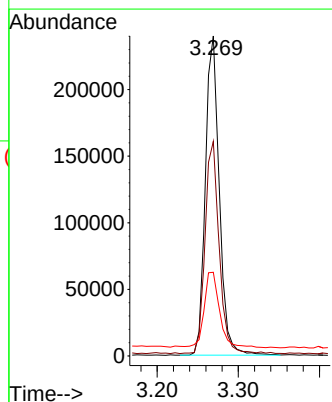
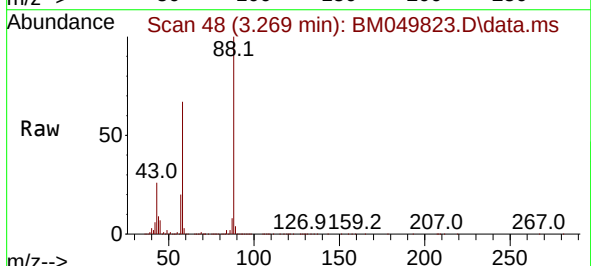
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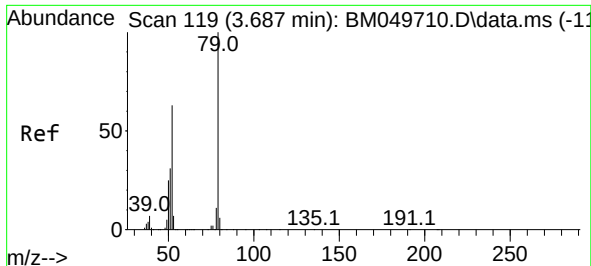
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#2
1,4-Dioxane
Concen: 39.165 ng
RT: 3.269 min Scan# 48
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

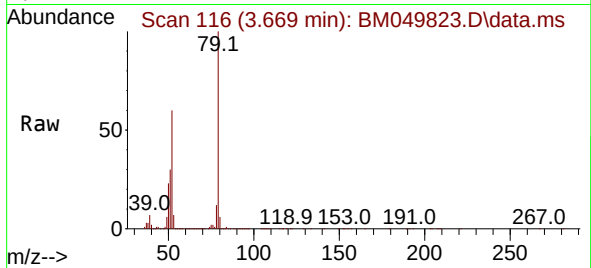
Tgt Ion: 88 Resp: 284937
Ion Ratio Lower Upper
88 100
58 67.4 56.7 85.1
43 26.5 22.6 34.0





#3
Pyridine
Concen: 42.847 ng
RT: 3.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

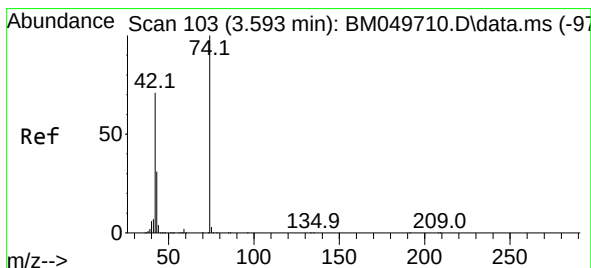
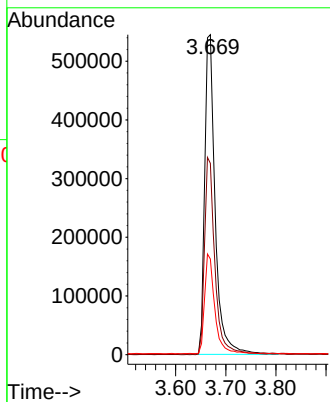
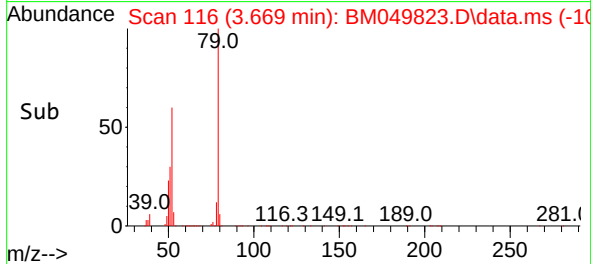
Instrument :
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Tgt Ion: 79 Resp: 79610
Ion Ratio Lower Upper
79 100
52 59.8 50.1 75.1
51 29.9 25.2 37.8

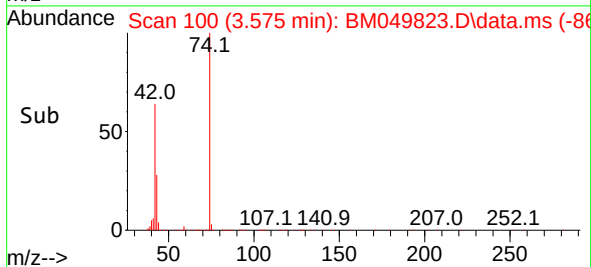
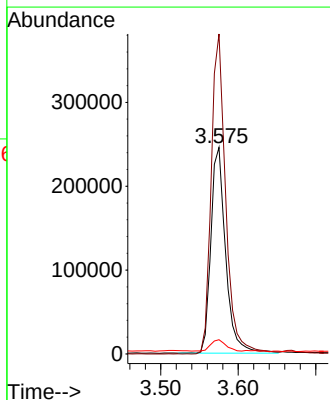
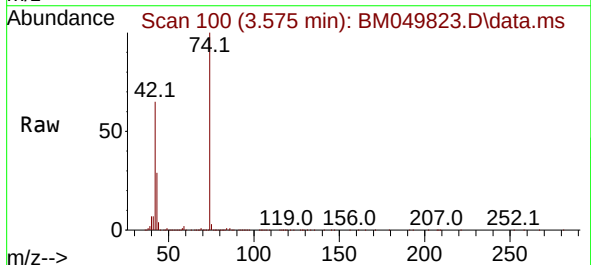
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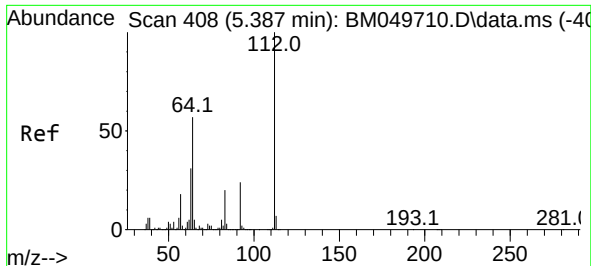
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#4
n-Nitrosodimethylamine
Concen: 39.549 ng
RT: 3.575 min Scan# 100
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

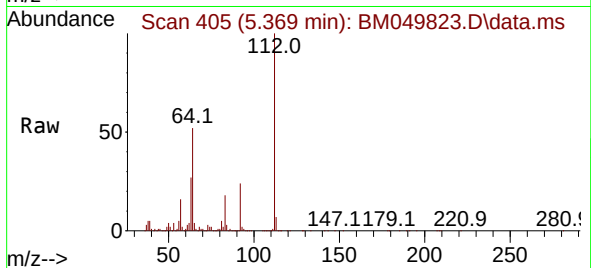
Tgt Ion: 42 Resp: 325138
Ion Ratio Lower Upper
42 100
74 154.9 112.6 168.8
44 6.9 5.0 7.6





#5
2-Fluorophenol
Concen: 108.540 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

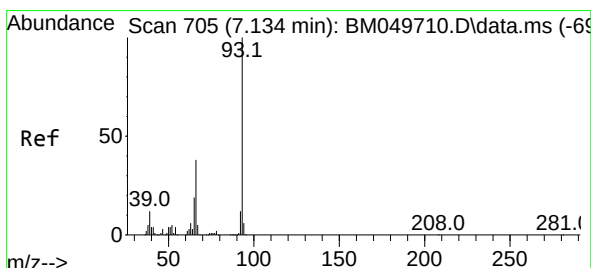
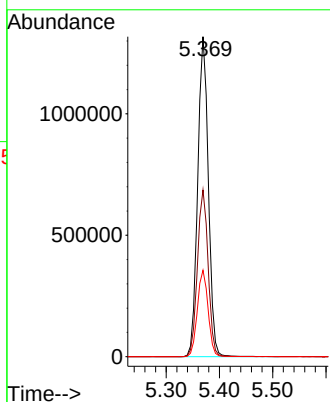
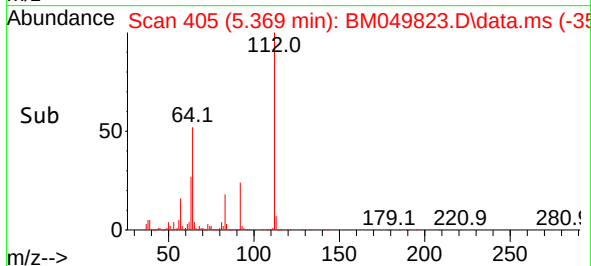
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Tgt Ion:112 Resp: 182412
Ion Ratio Lower Upper
112 100
64 52.1 45.3 67.9
63 27.0 24.4 36.6

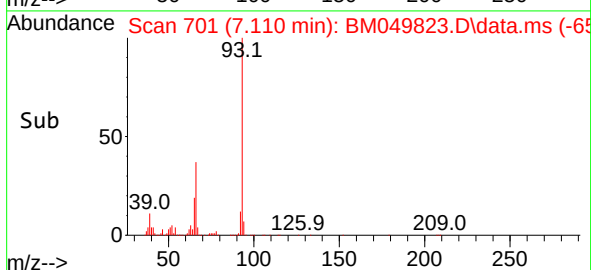
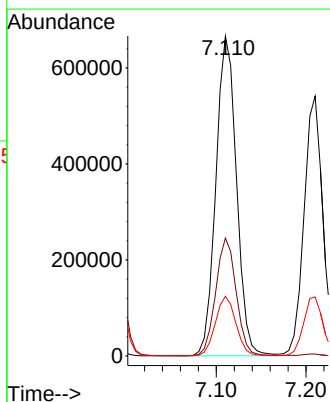
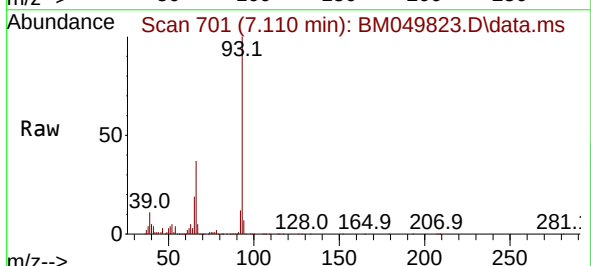
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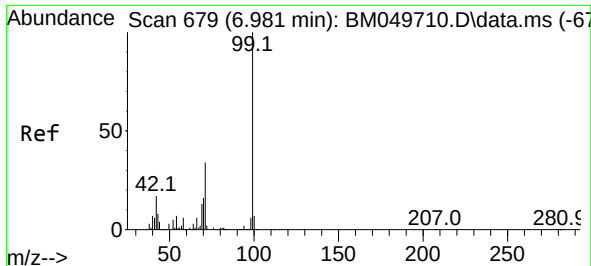
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#6
Aniline
Concen: 60.132 ng
RT: 7.110 min Scan# 701
Delta R.T. -0.024 min
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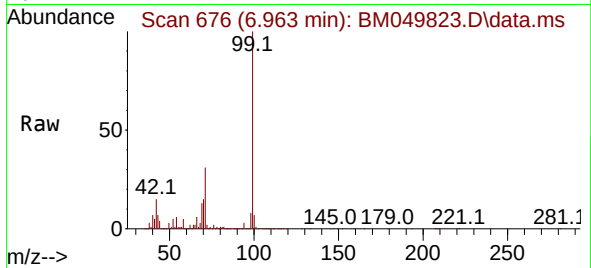
Tgt Ion: 93 Resp: 1062499
Ion Ratio Lower Upper
93 100
66 36.9 30.6 46.0
65 18.6 15.4 23.2





#7
Phenol-d6
Concen: 112.721 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

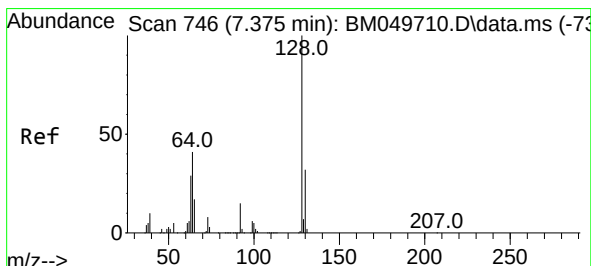
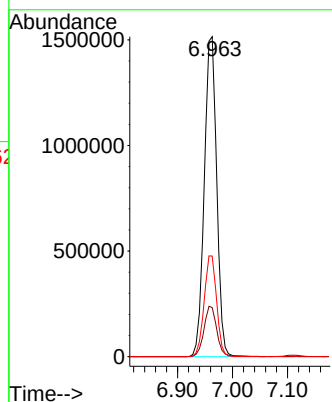
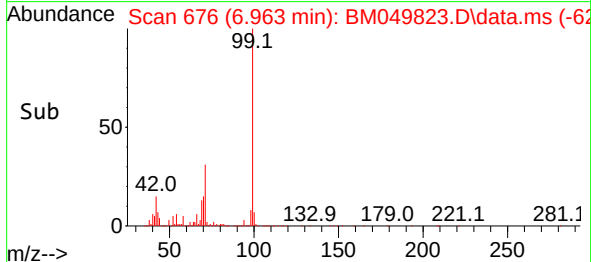
Instrument :
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Tgt Ion: 99 Resp: 237736
Ion Ratio Lower Upper
99 100
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71 31.4 27.0 40.6

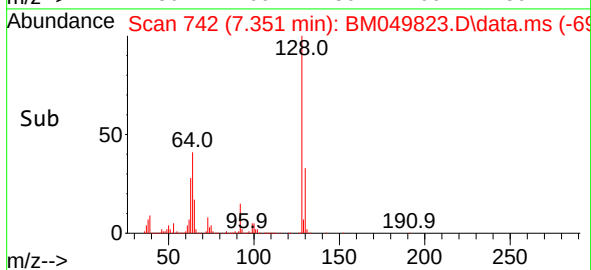
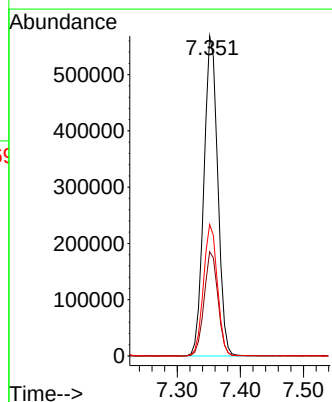
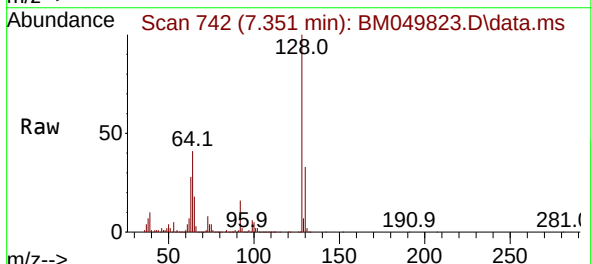
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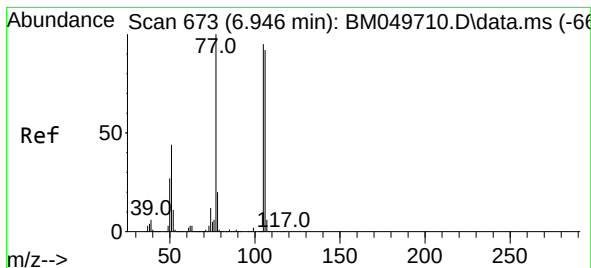
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#8
2-Chlorophenol
Concen: 52.128 ng
RT: 7.351 min Scan# 742
Delta R.T. -0.024 min
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Tgt Ion:128 Resp: 867557
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 41.1 24.9 64.9





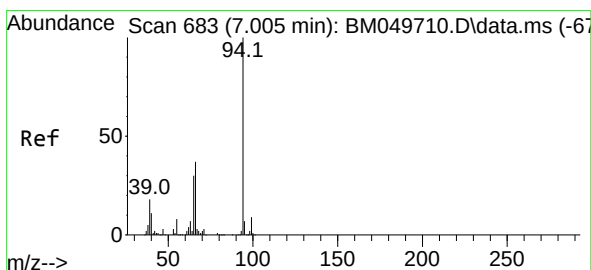
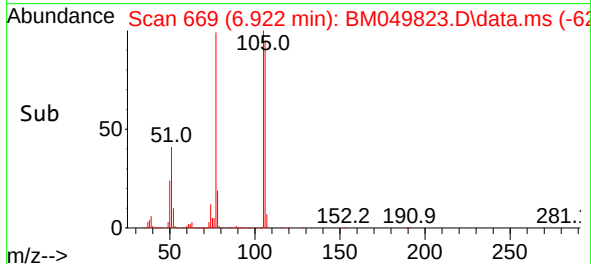
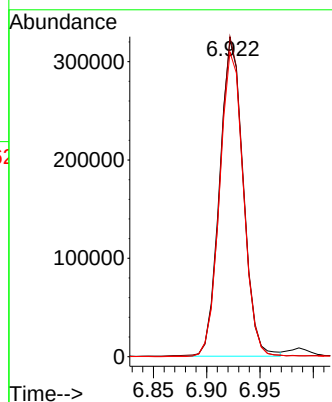
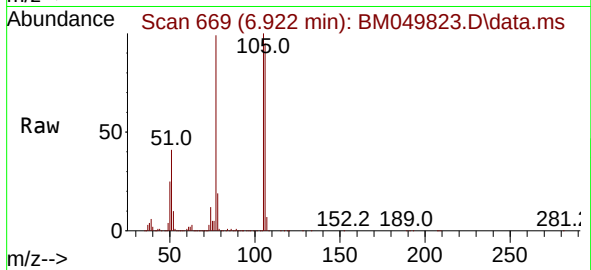
#9
Benzaldehyde
Concen: 47.420 ng
RT: 6.922 min Scan# 609
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Tgt Ion: 77 Resp: 494417
Ion Ratio Lower Upper
77 100
105 101.1 75.0 115.0
106 96.2 72.3 112.3

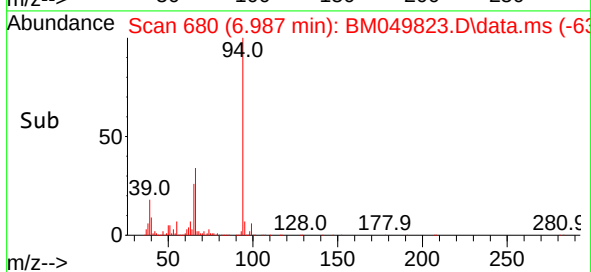
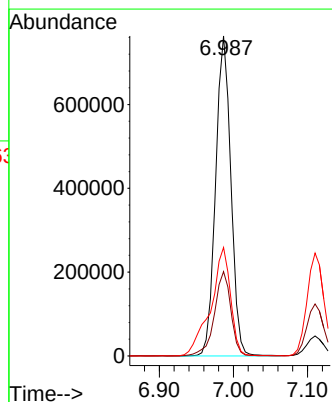
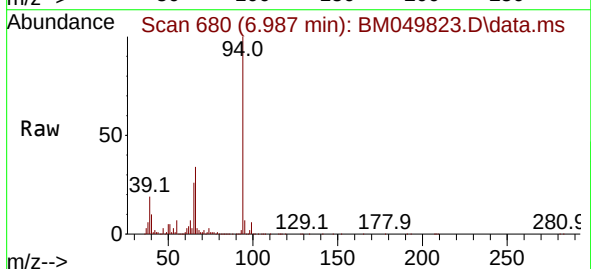
Manual Integrations
APPROVED

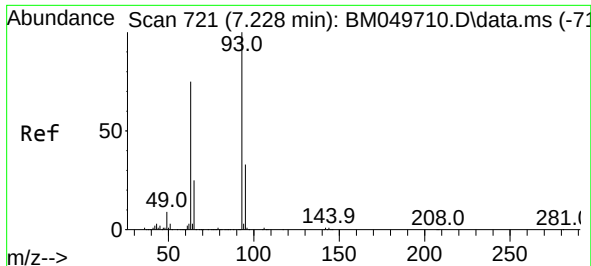
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#10
Phenol
Concen: 53.357 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

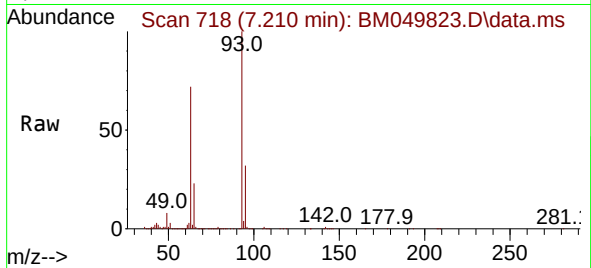
Tgt Ion: 94 Resp: 1091167
Ion Ratio Lower Upper
94 100
65 26.4 10.4 50.4
66 33.9 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 47.431 ng
RT: 7.210 min Scan# 718
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

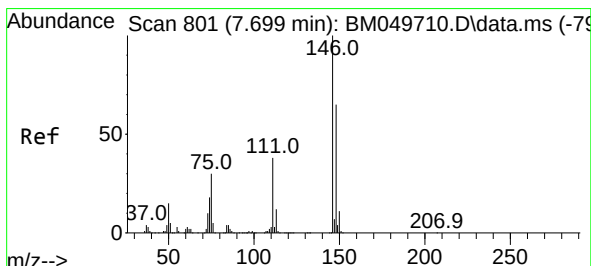
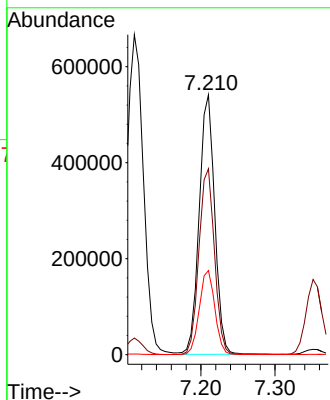
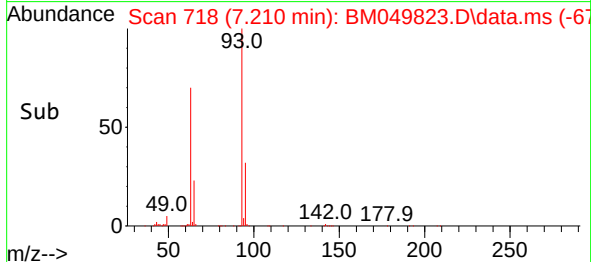
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 93 Resp: 78547
Ion Ratio Lower Upper
93 100
63 71.5 54.8 94.8
95 32.4 12.8 52.8

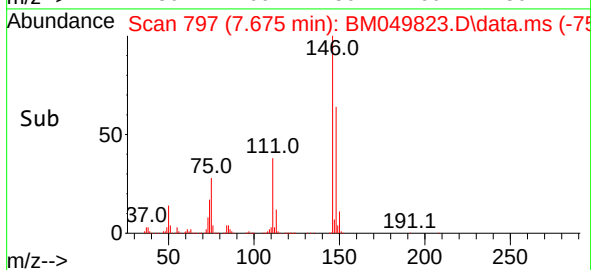
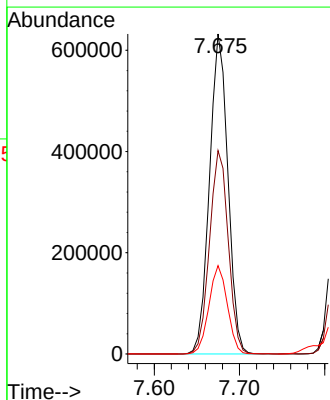
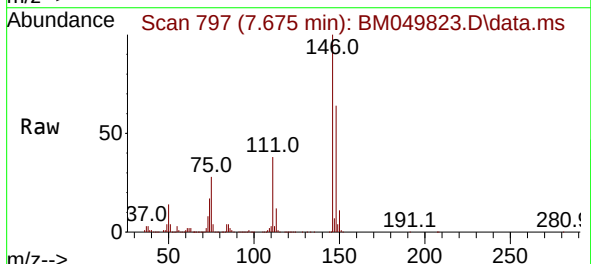
Manual Integrations
APPROVED

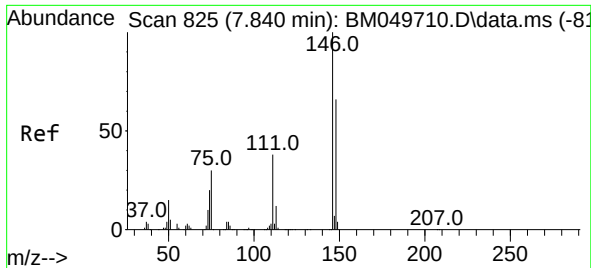
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#12
1,3-Dichlorobenzene
Concen: 46.897 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

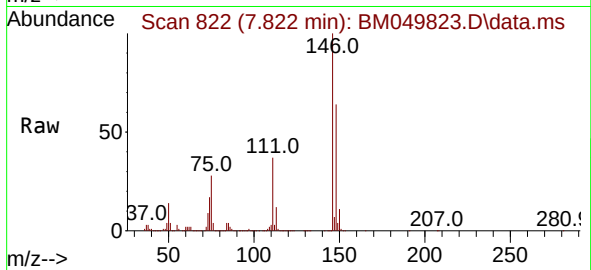
Tgt Ion:146 Resp: 948506
Ion Ratio Lower Upper
146 100
148 63.6 52.3 78.5
75 27.6 24.2 36.2





#13
1,4-Dichlorobenzene
Concen: 47.026 ng
RT: 7.822 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

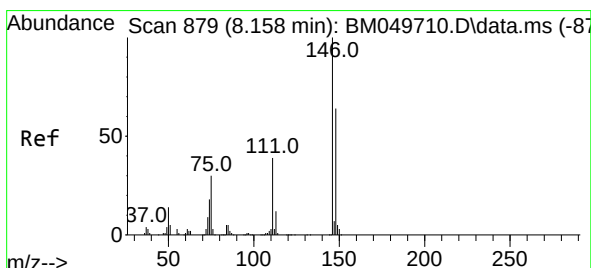
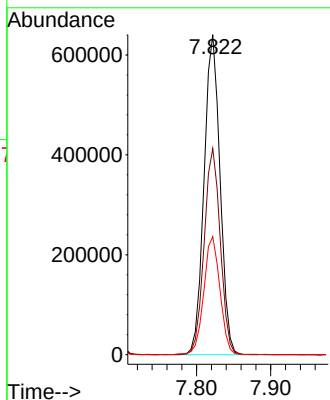
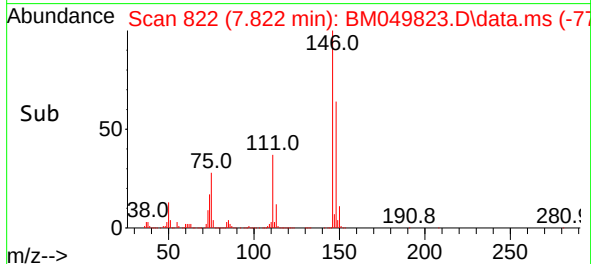
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



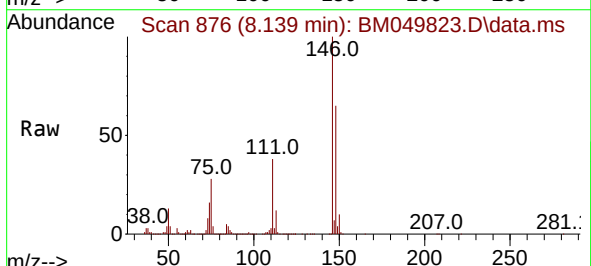
Tgt Ion:146 Resp: 959517
Ion Ratio Lower Upper
146 100
148 64.4 52.6 79.0
111 36.9 30.8 46.2

Manual Integrations
APPROVED

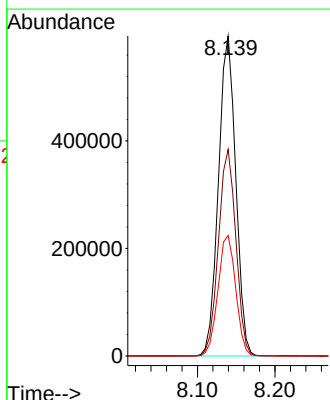
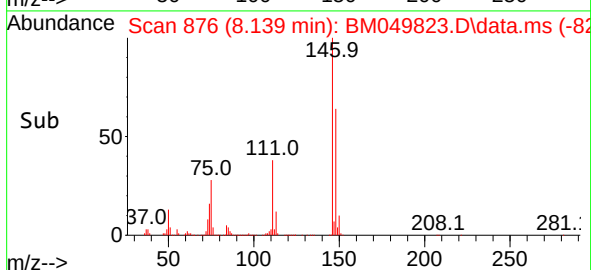
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

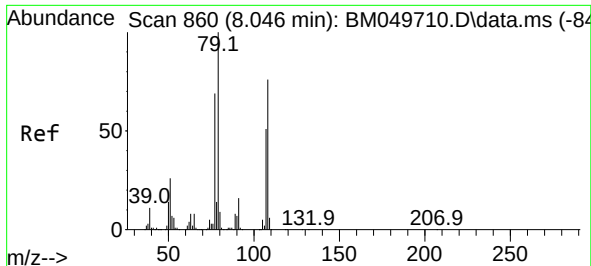


#14
1,2-Dichlorobenzene
Concen: 47.647 ng
RT: 8.139 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



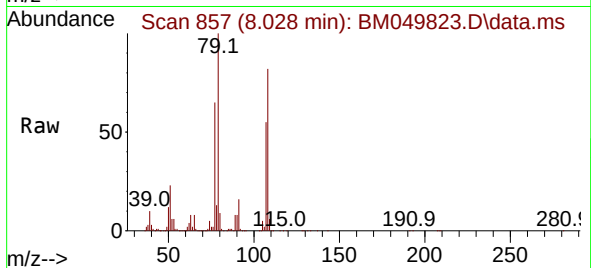
Tgt Ion:146 Resp: 923944
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
111 37.7 31.0 46.6





#15
Benzyl Alcohol
Concen: 54.001 ng
RT: 8.028 min Scan# 80
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

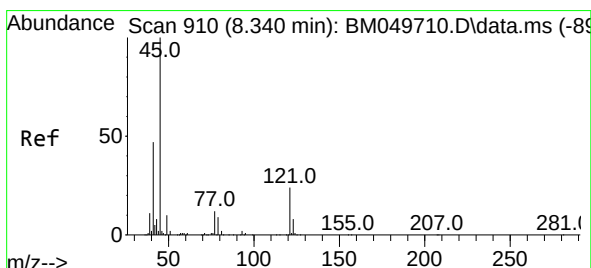
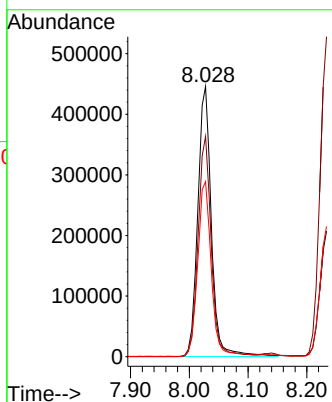
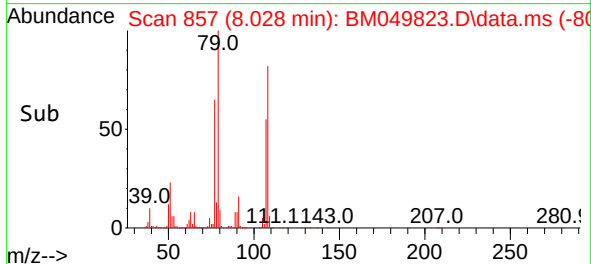
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



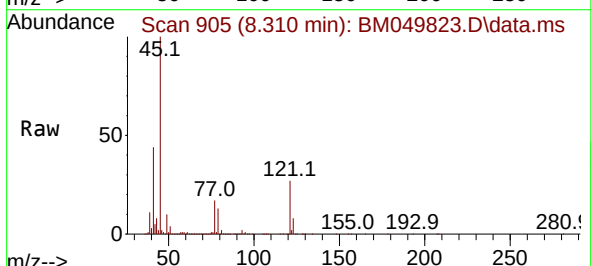
Tgt Ion: 79 Resp: 71472
Ion Ratio Lower Upper
79 100
108 81.5 60.7 91.1
77 64.8 55.4 83.2

Manual Integrations
APPROVED

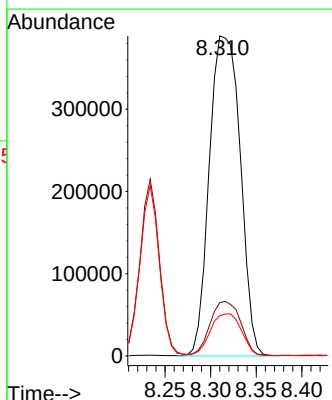
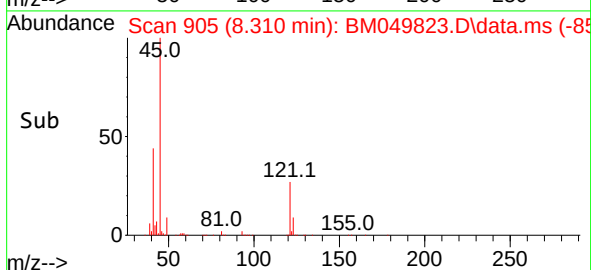
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

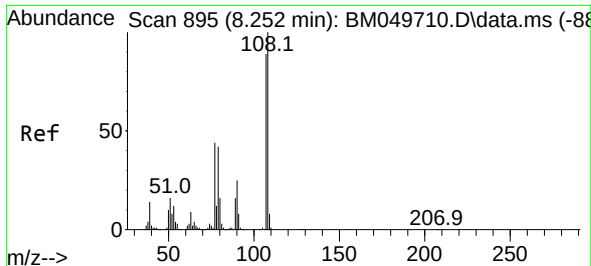


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.114 ng m
RT: 8.310 min Scan# 905
Delta R.T. -0.030 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



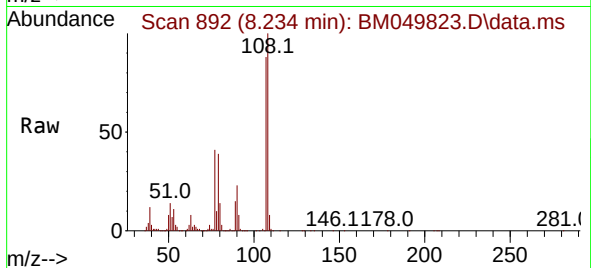
Tgt Ion: 45 Resp: 917027
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.1
79 12.6 0.0 32.8





#17
2-Methylphenol
Concen: 57.029 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

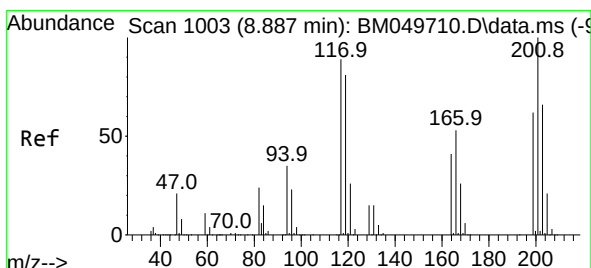
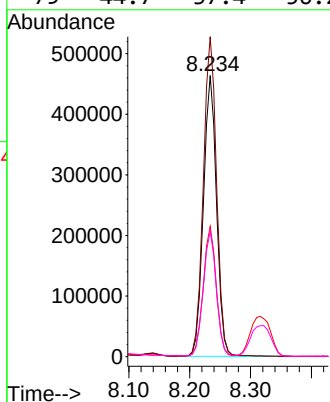
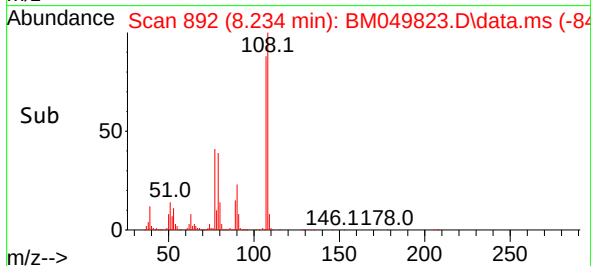


Tgt Ion:107 Resp: 692412

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.6	134.4
77	46.3	39.8	59.6
79	44.7	37.4	56.2

Manual Integrations
APPROVED

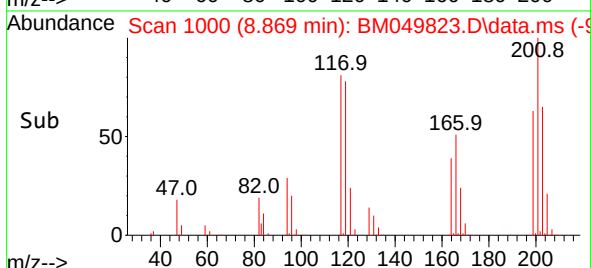
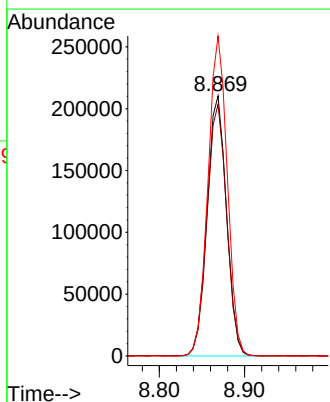
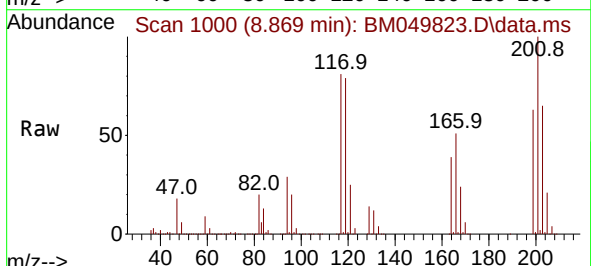
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

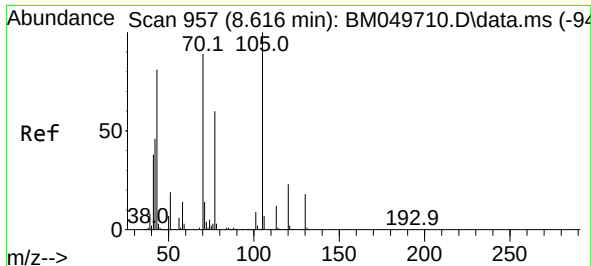


#18
Hexachloroethane
Concen: 46.408 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Tgt Ion:117 Resp: 334390

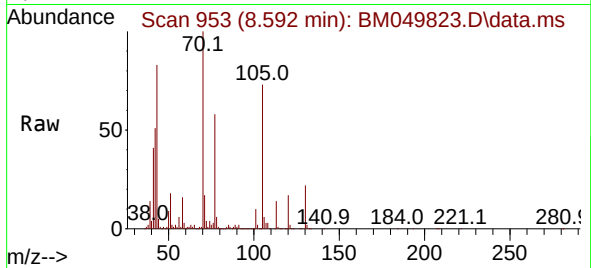
Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.1	109.7
201	123.0	90.0	135.0





#19
n-Nitroso-di-n-propylamine
Concen: 50.036 ng
RT: 8.592 min Scan# 911
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

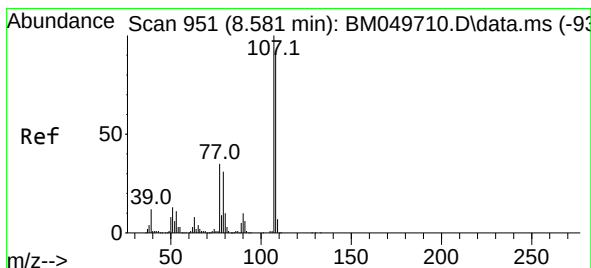
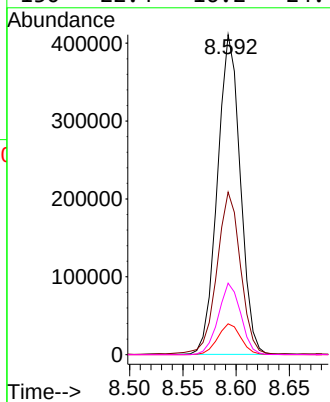
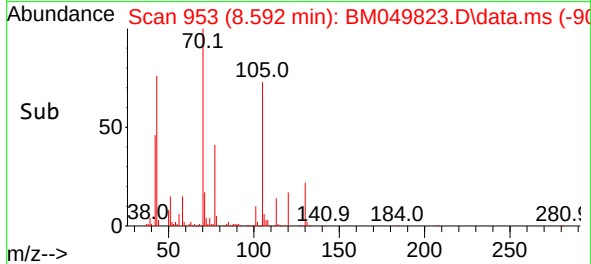
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 70 Resp: 61192
Ion Ratio Lower Upper
70 100
42 50.8 41.8 62.6
101 9.6 7.7 11.5
130 22.4 16.2 24.4

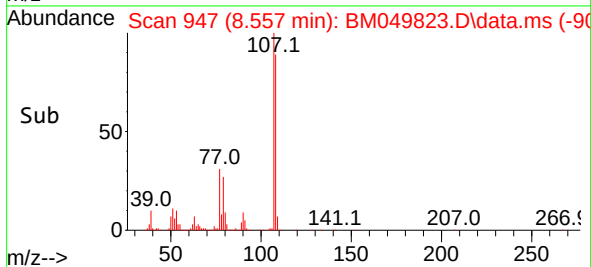
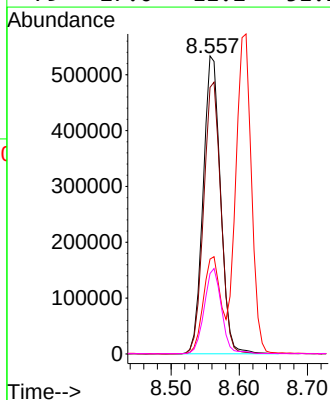
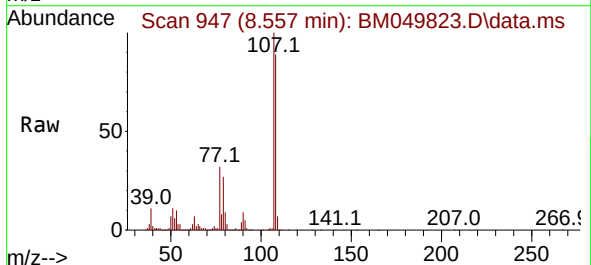
Manual Integrations
APPROVED

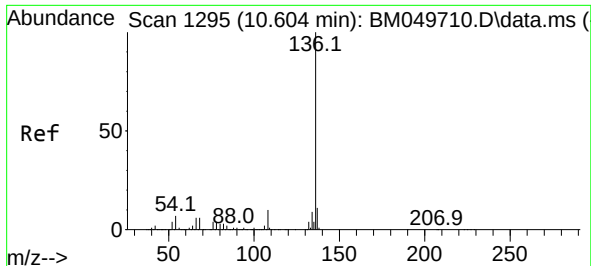
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#20
3+4-Methylphenols
Concen: 58.203 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

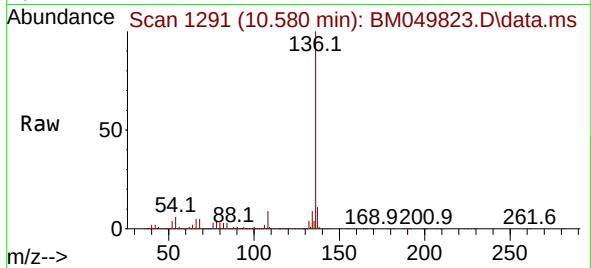
Tgt Ion:107 Resp: 947011
Ion Ratio Lower Upper
107 100
108 89.5 71.0 111.0
77 31.8 15.1 55.1
79 27.0 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

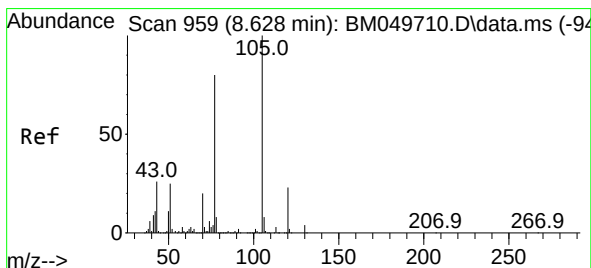
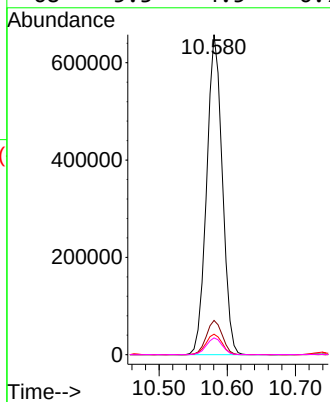
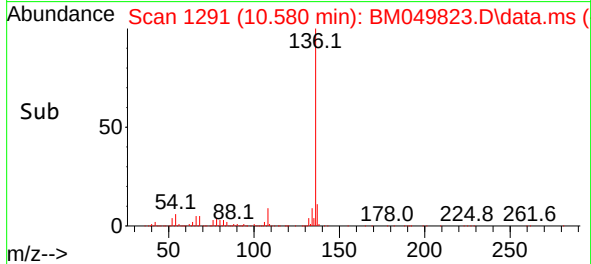
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:136 Resp: 1050554
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.4 5.8 8.8
68 5.3 4.5 6.7

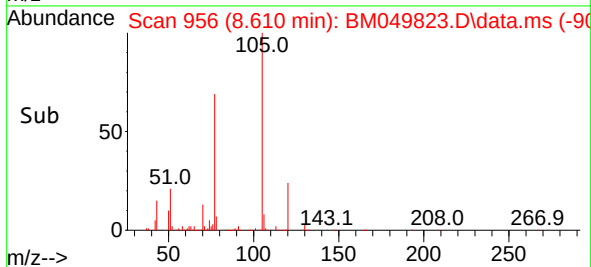
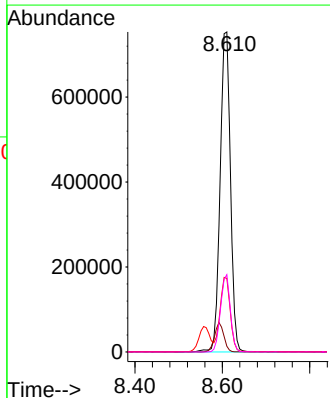
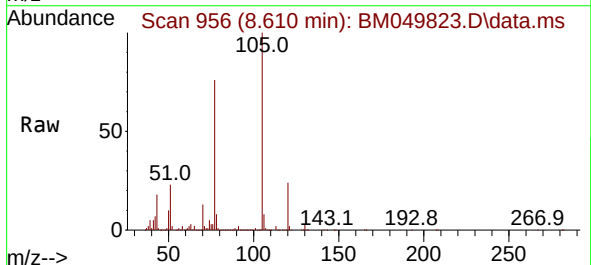
Manual Integrations
APPROVED

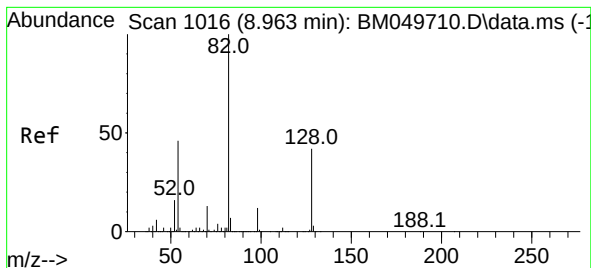
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#22
Acetophenone
Concen: 45.108 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Tgt Ion:105 Resp: 1221869
Ion Ratio Lower Upper
105 100
71 1.8 2.5 3.7#
51 23.0 19.9 29.9
120 24.2 18.3 27.5





#23
Nitrobenzene-d5
Concen: 65.289 ng
RT: 8.939 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

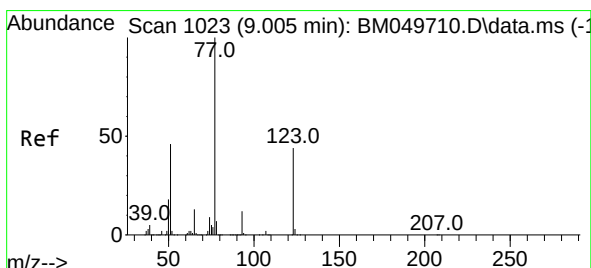
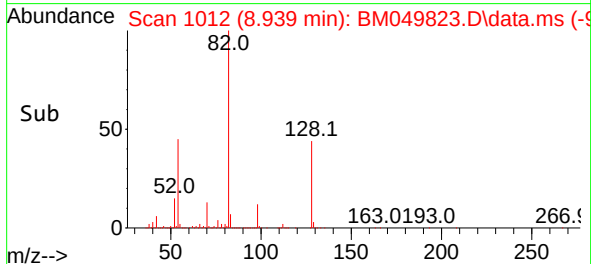
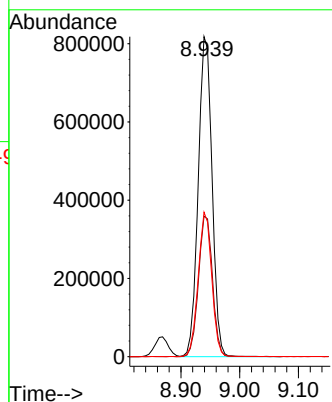
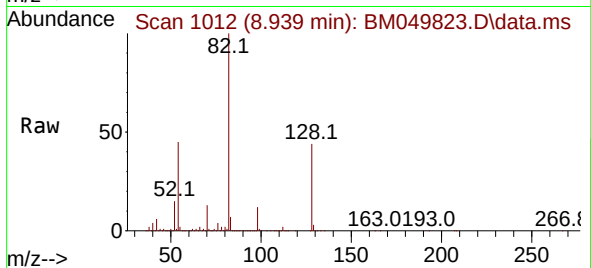
TP-18MSD

Tgt Ion: 82 Resp: 1335950
Ion Ratio Lower Upper
82 100
128 43.9 33.4 50.0
54 45.1 36.4 54.6

Manual Integrations

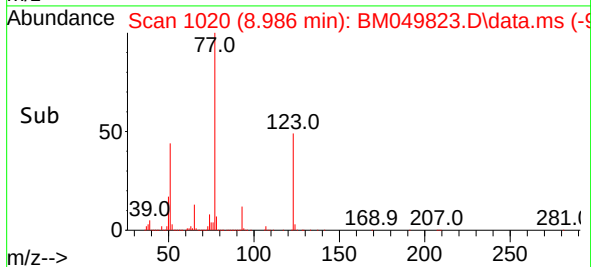
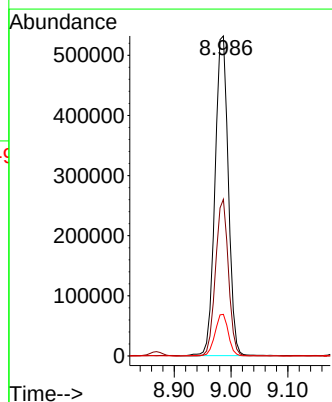
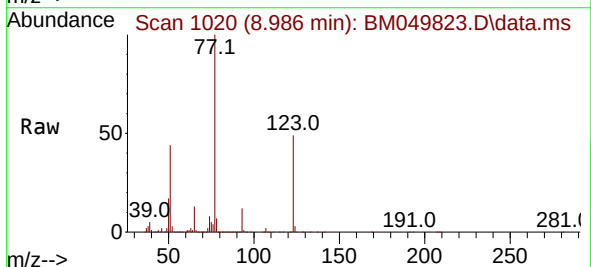
APPROVED

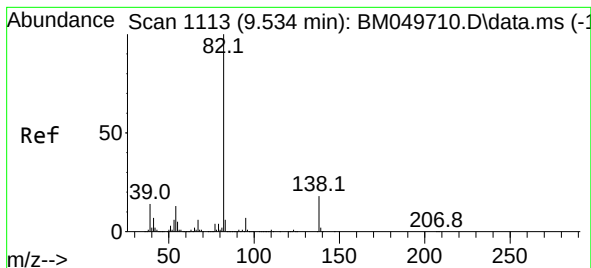
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#24
Nitrobenzene
Concen: 44.849 ng
RT: 8.986 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Tgt Ion: 77 Resp: 865318
Ion Ratio Lower Upper
77 100
123 49.0 34.9 52.3
65 13.0 10.6 15.8





#25

Isophorone

Concen: 53.241 ng

RT: 9.516 min Scan# 1110

Delta R.T. -0.018 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

Tgt Ion: 82 Resp: 167266

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

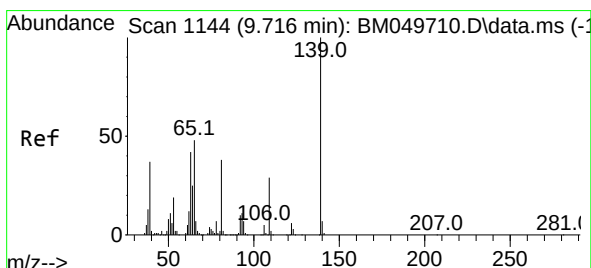
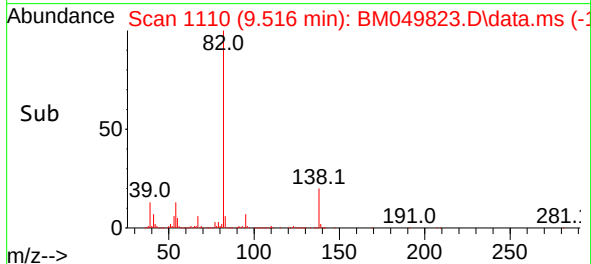
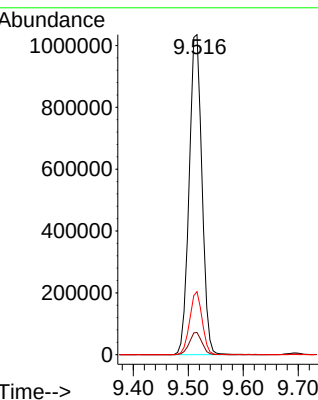
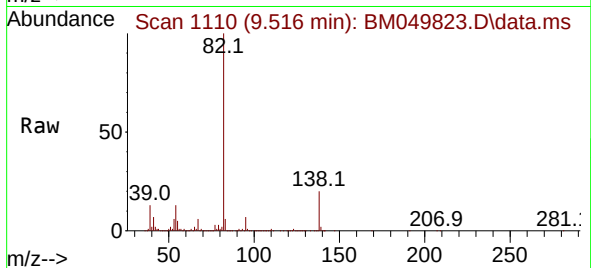
138 19.7 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#26

2-Nitrophenol

Concen: 55.187 ng

RT: 9.692 min Scan# 1140

Delta R.T. -0.024 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

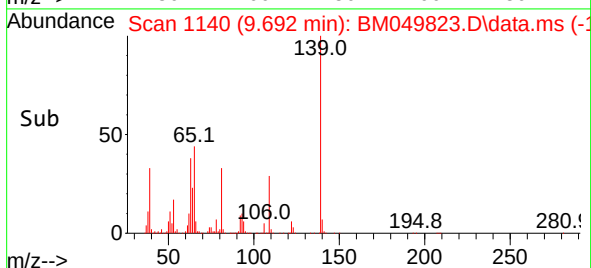
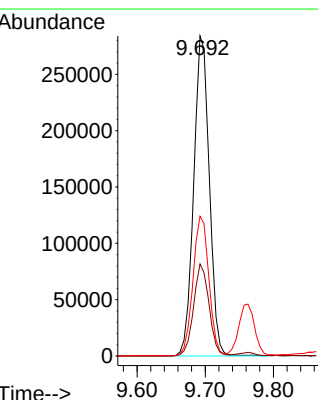
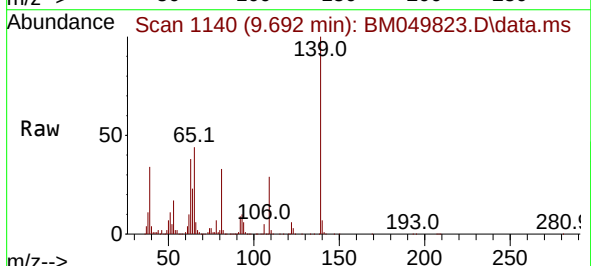
Tgt Ion:139 Resp: 453197

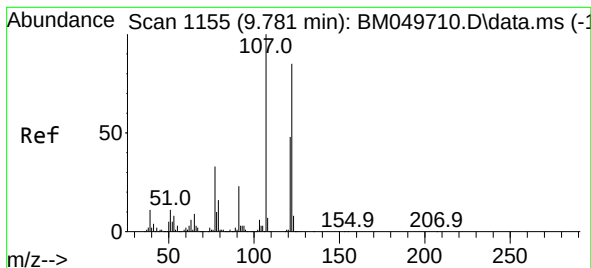
Ion Ratio Lower Upper

139 100

109 28.8 23.3 34.9

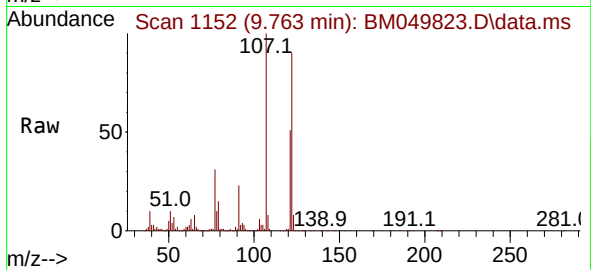
65 43.6 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 73.332 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

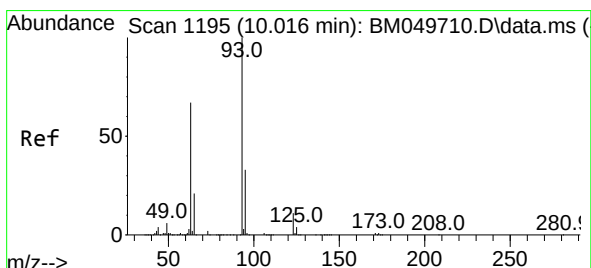
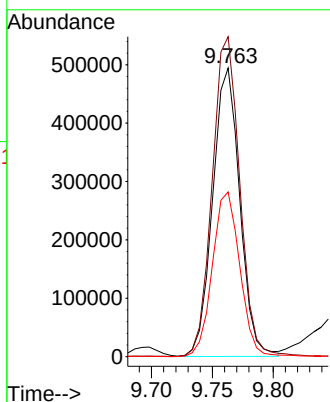
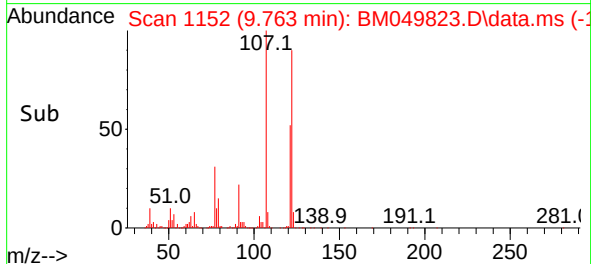
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:122 Resp: 766529
Ion Ratio Lower Upper
122 100
107 110.9 94.3 141.5
121 57.1 45.4 68.2

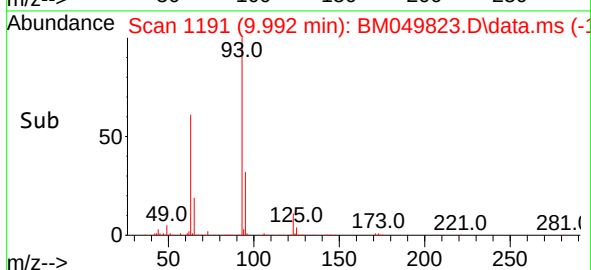
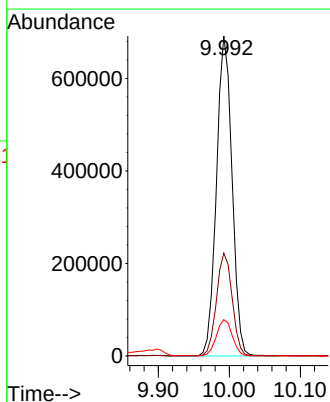
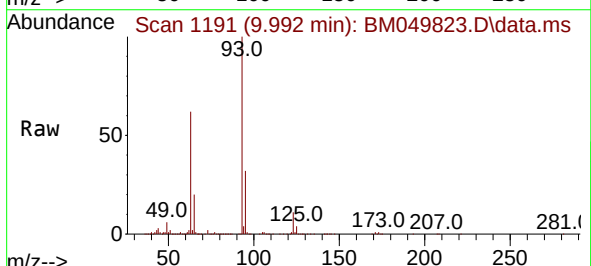
Manual Integrations
APPROVED

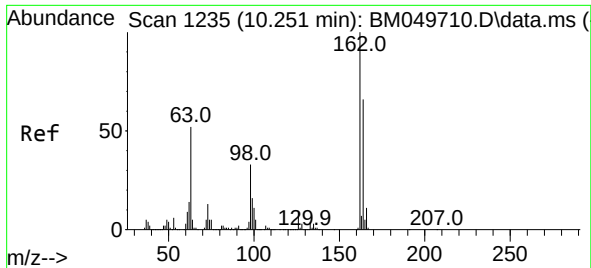
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.428 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Tgt Ion: 93 Resp: 1049451
Ion Ratio Lower Upper
93 100
95 32.1 26.6 40.0
123 11.3 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.571 ng

RT: 10.233 min Scan# 1232

Delta R.T. -0.018 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

Tgt Ion:162 Resp: 89542

Ion Ratio Lower Upper

162 100

164 65.5 46.3 86.3

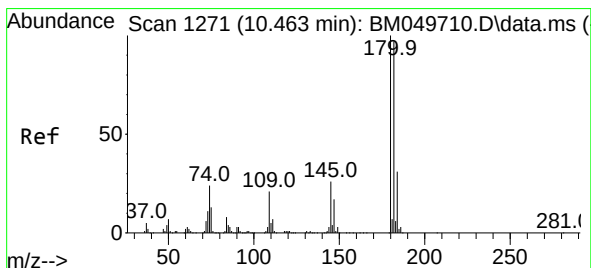
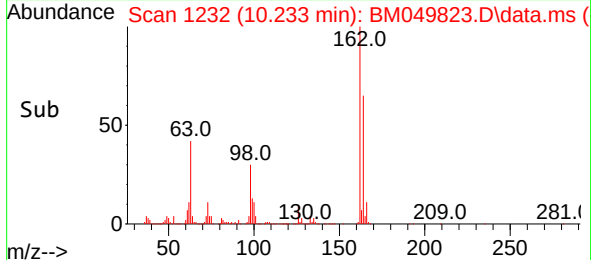
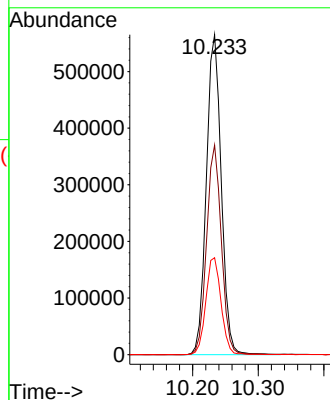
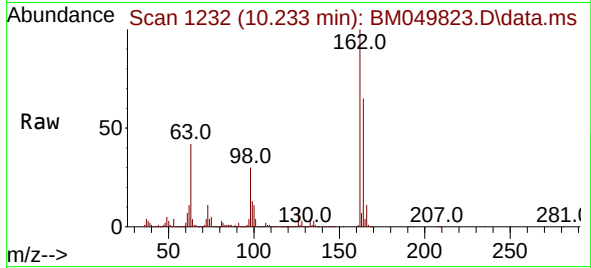
98 30.3 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.725 ng

RT: 10.445 min Scan# 1268

Delta R.T. -0.018 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

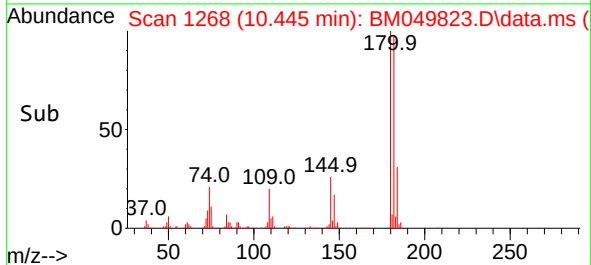
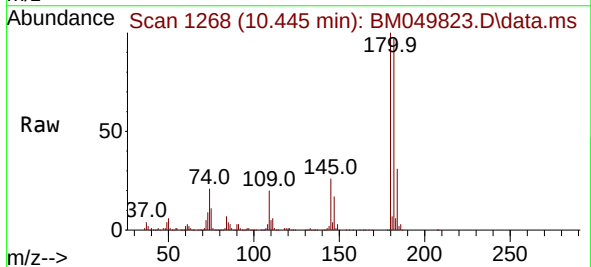
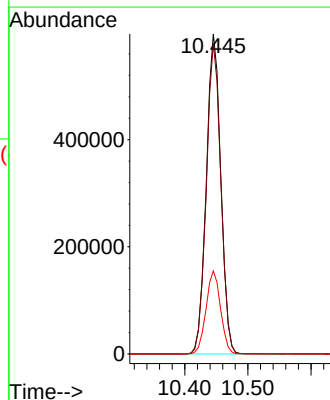
Tgt Ion:180 Resp: 953114

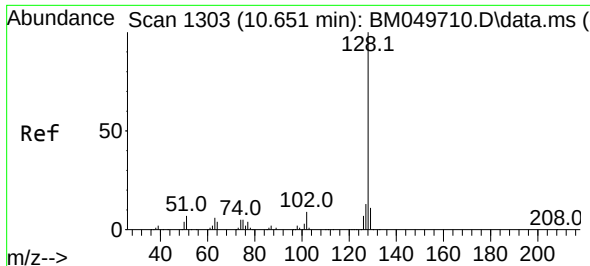
Ion Ratio Lower Upper

180 100

182 97.0 77.7 116.5

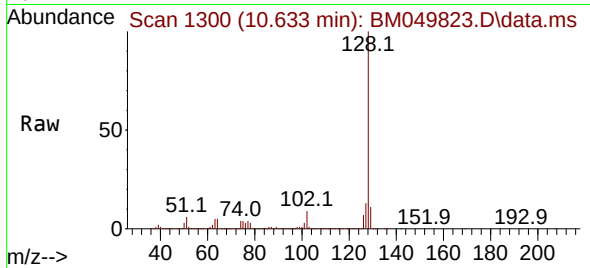
145 26.0 21.0 31.4





#31
Naphthalene
Concen: 45.497 ng
RT: 10.633 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

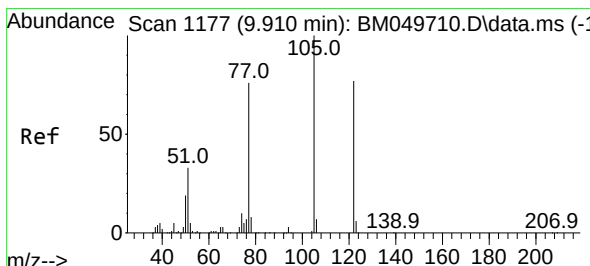
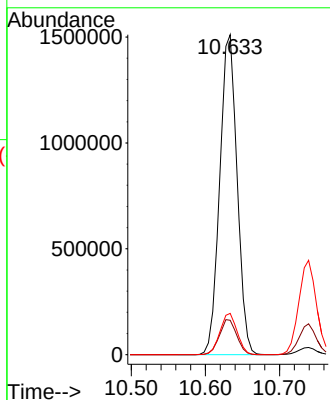
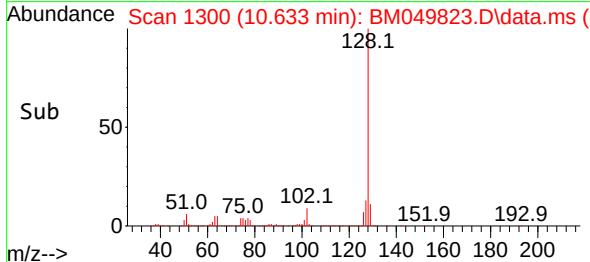
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:128 Resp: 245774
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.4 15.6

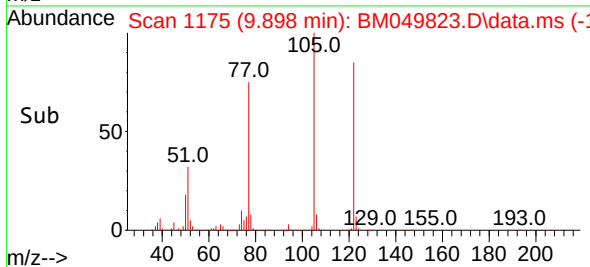
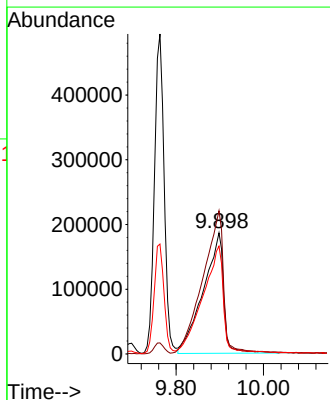
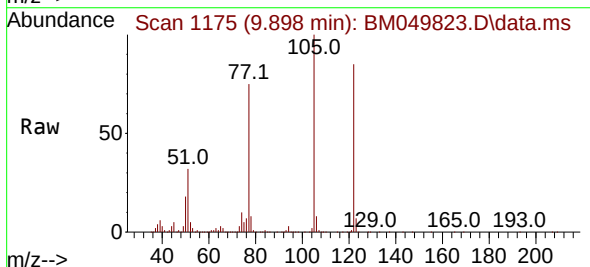
Manual Integrations
APPROVED

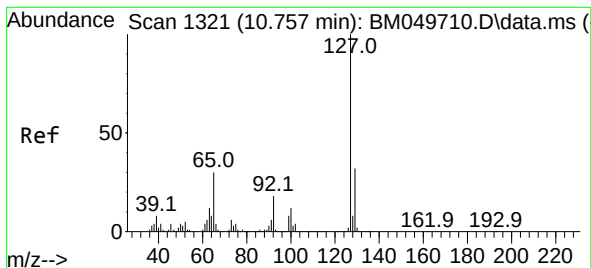
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#32
Benzoic acid
Concen: 67.927 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

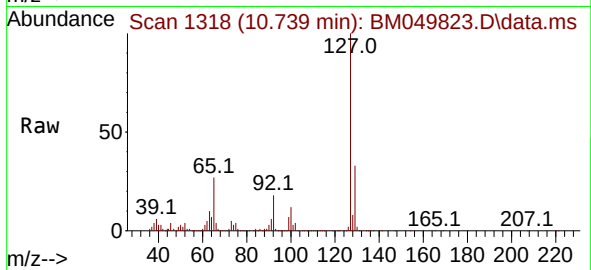
Tgt Ion:122 Resp: 603855
Ion Ratio Lower Upper
122 100
105 118.3 105.6 145.6
77 89.0 76.9 116.9





#33
4-Chloroaniline
Concen: 40.138 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

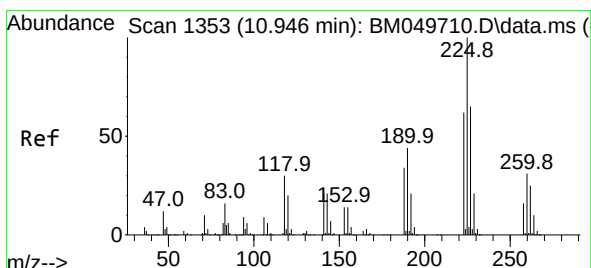
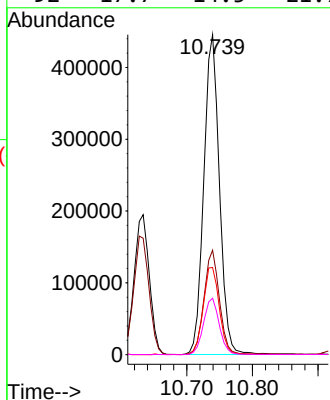
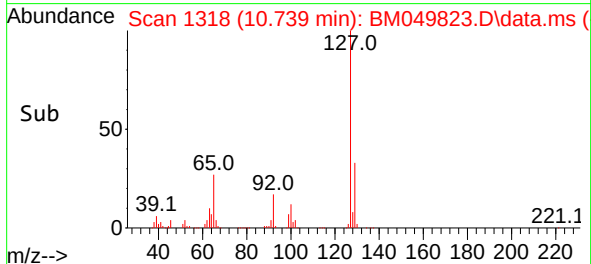
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



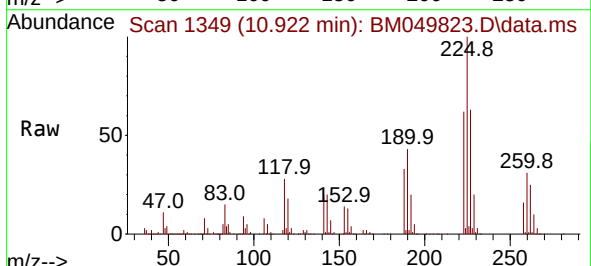
Tgt Ion:127 Resp: 73997
Ion Ratio Lower Upper
127 100
129 32.7 25.7 38.5
65 27.3 24.1 36.1
92 17.7 14.5 21.7

Manual Integrations
APPROVED

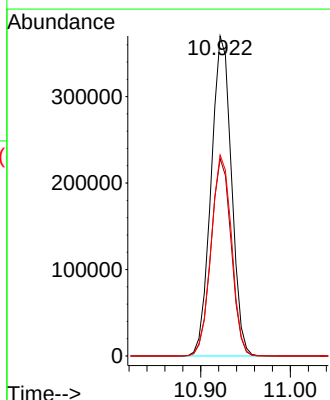
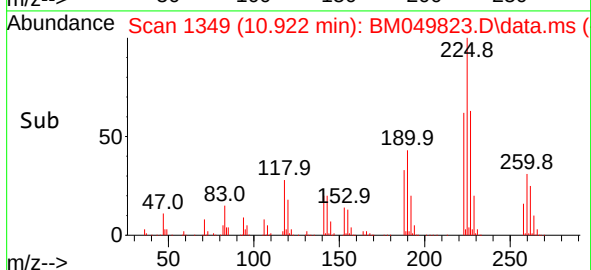
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

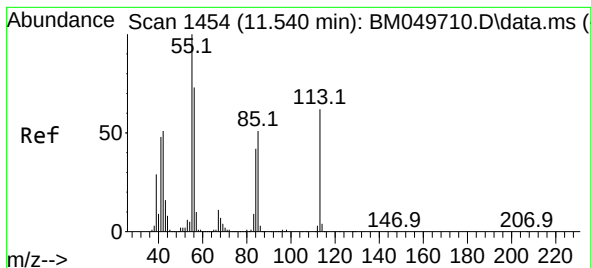


#34
Hexachlorobutadiene
Concen: 44.292 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



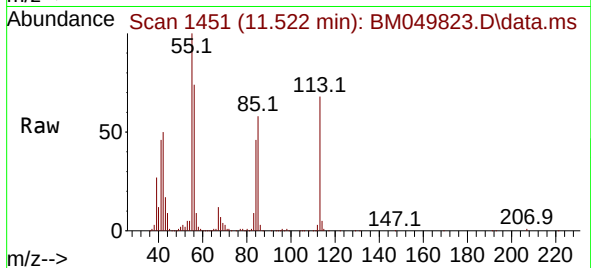
Tgt Ion:225 Resp: 582683
Ion Ratio Lower Upper
225 100
223 61.7 49.8 74.8
227 62.8 52.1 78.1





#35
Caprolactam
Concen: 68.542 ng
RT: 11.522 min Scan# 1454
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

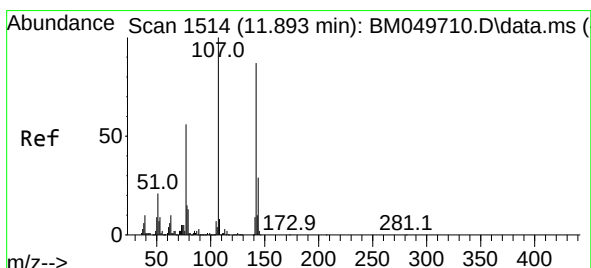
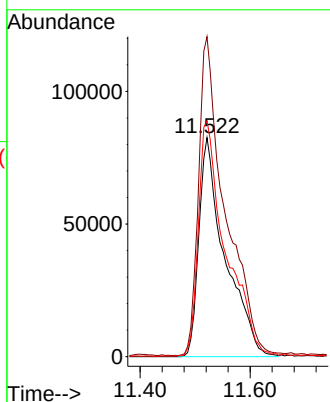
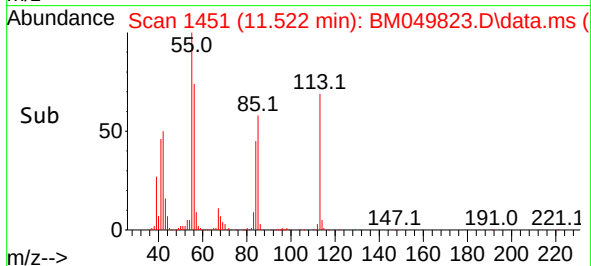
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



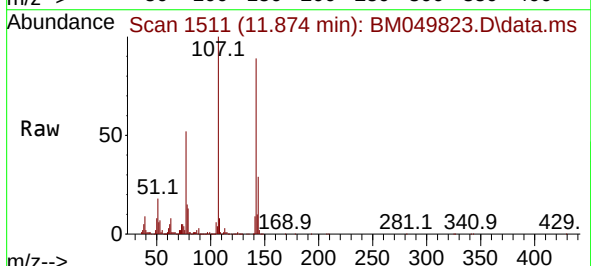
Tgt Ion:113 Resp: 271040
Ion Ratio Lower Upper
113 100
55 146.1 141.8 181.8
56 107.7 98.0 138.0

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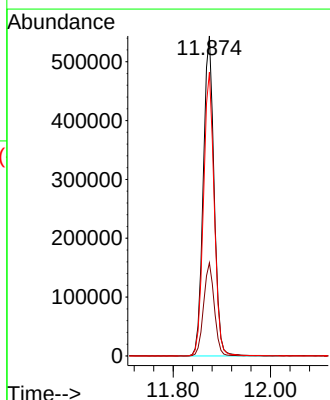
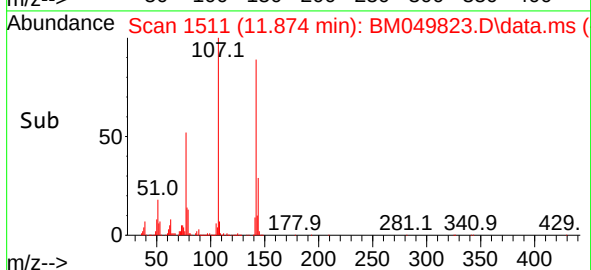
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

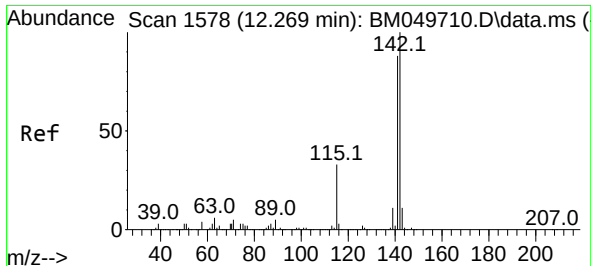


#36
4-Chloro-3-methylphenol
Concen: 57.279 ng
RT: 11.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



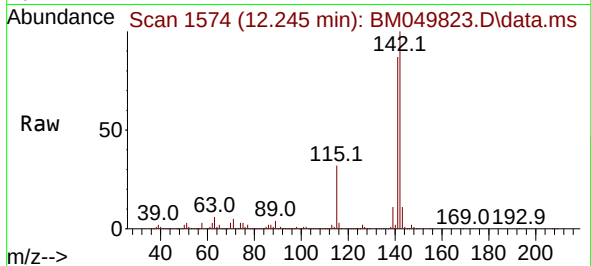
Tgt Ion:107 Resp: 837254
Ion Ratio Lower Upper
107 100
144 29.1 23.0 34.6
142 88.6 69.8 104.8





#37
2-Methylnaphthalene
Concen: 44.042 ng
RT: 12.245 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

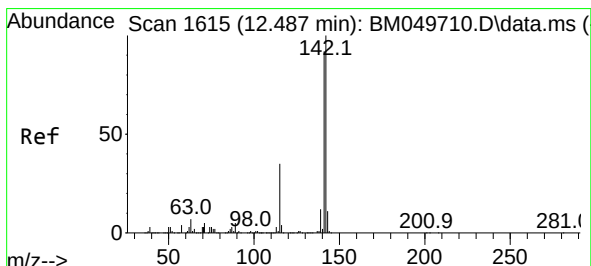
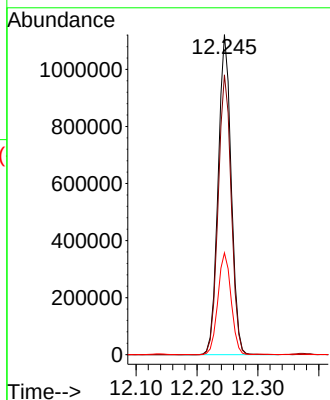
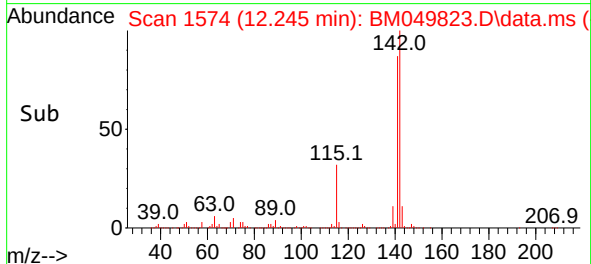
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



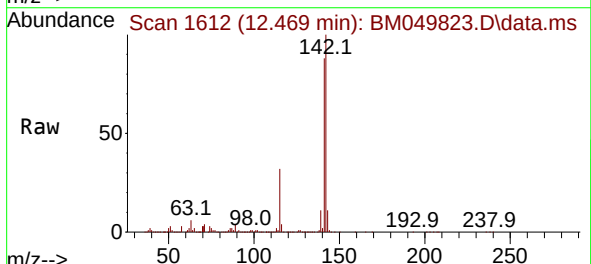
Tgt Ion:142 Resp: 166359
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7
115 31.8 26.5 39.7

Manual Integrations
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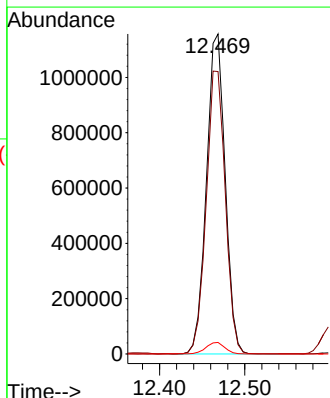
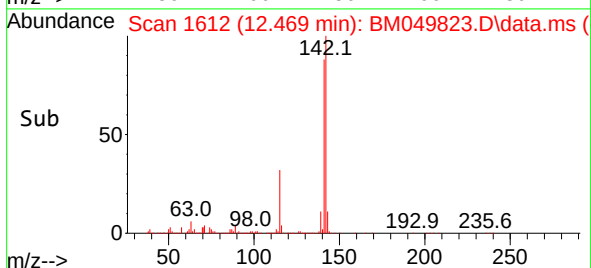
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

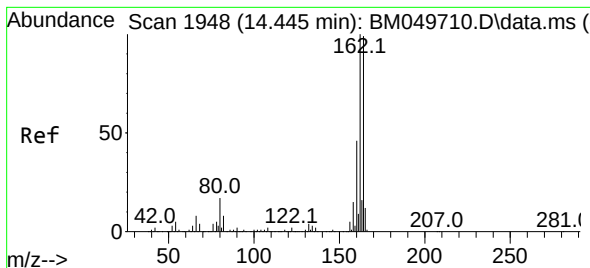


#38
1-Methylnaphthalene
Concen: 48.449 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



Tgt Ion:142 Resp: 1765673
Ion Ratio Lower Upper
142 100
141 88.3 73.4 110.2
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049823.D

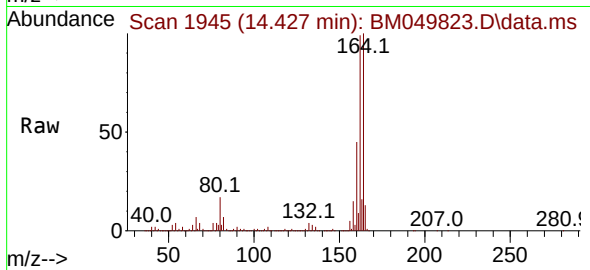
Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD



Tgt Ion:164 Resp: 720854

Ion Ratio Lower Upper

164 100

162 98.5 80.5 120.7

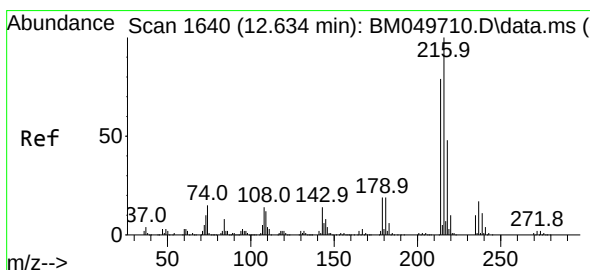
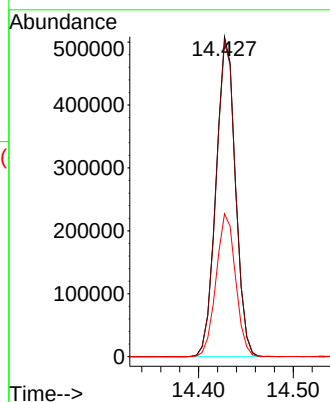
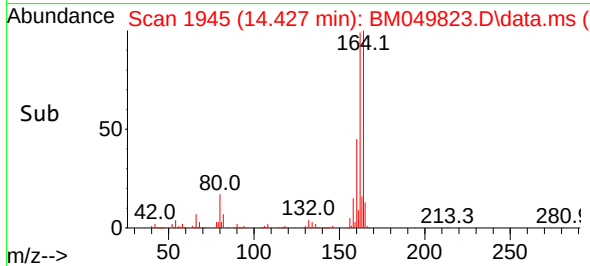
160 44.7 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.821 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.018 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Tgt Ion:216 Resp: 1133822

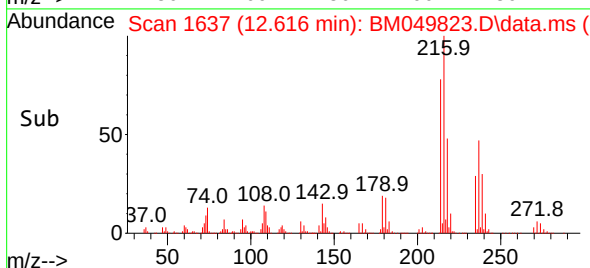
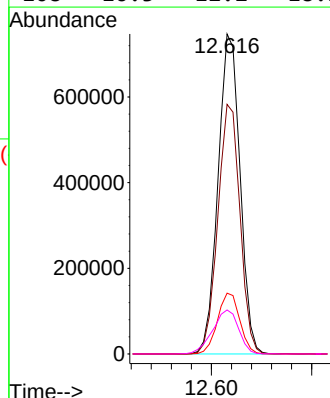
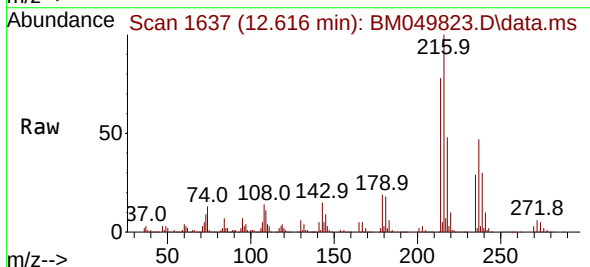
Ion Ratio Lower Upper

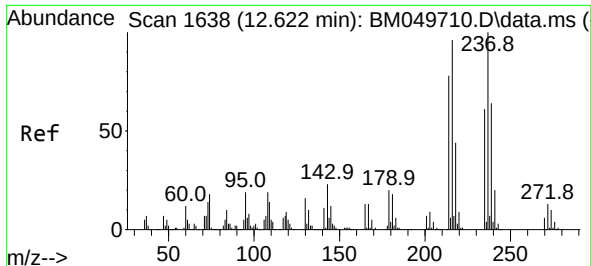
216 100

214 78.5 63.5 95.3

179 19.3 15.7 23.5

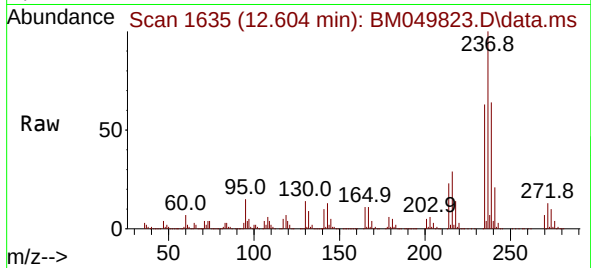
108 16.3 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 147.410 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

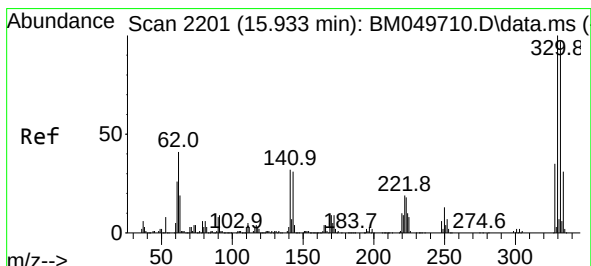
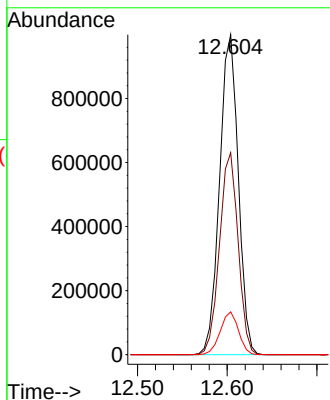
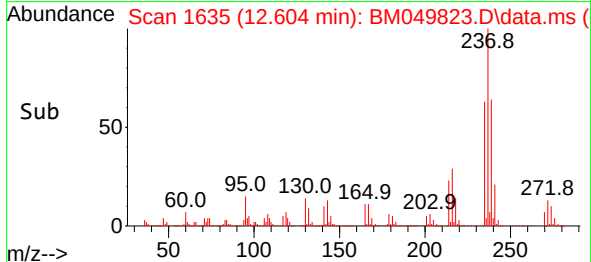
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



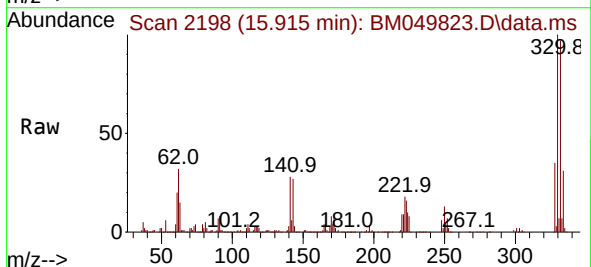
Tgt Ion:237 Resp: 144600
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 13.4 0.0 32.5

Manual Integrations
APPROVED

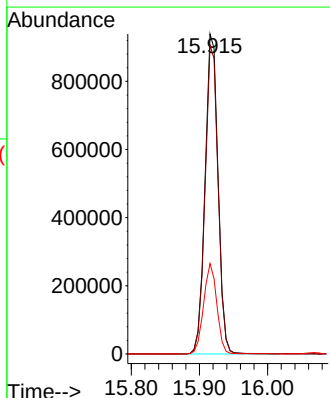
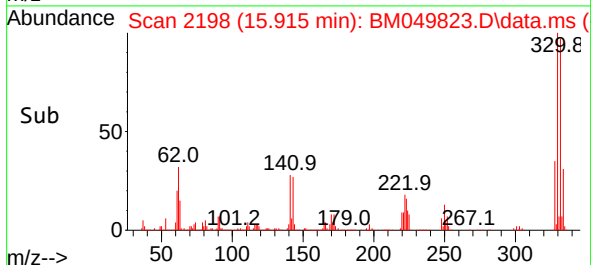
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

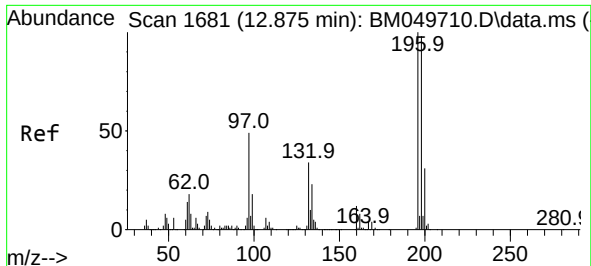


#42
2,4,6-Tribromophenol
Concen: 148.349 ng
RT: 15.915 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



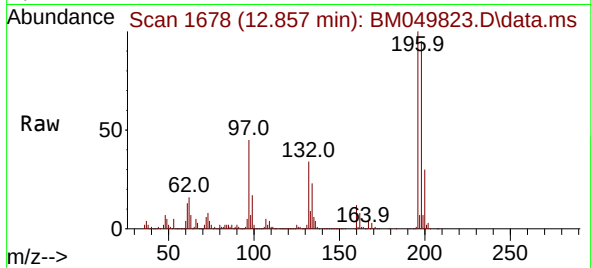
Tgt Ion:330 Resp: 1248715
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 28.6 27.8 41.6





#43
2,4,6-Trichlorophenol
Concen: 52.383 ng
RT: 12.857 min Scan# 1690
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

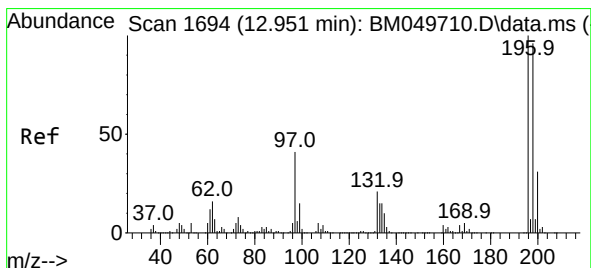
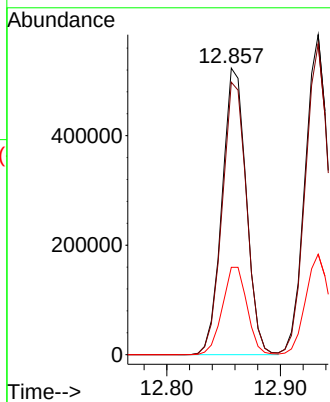
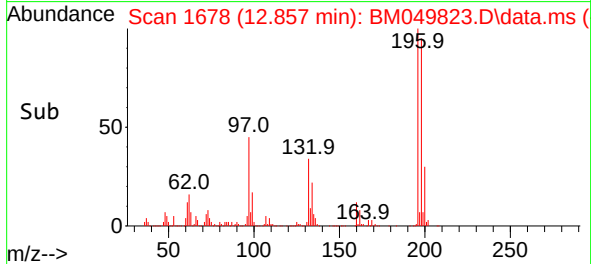
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



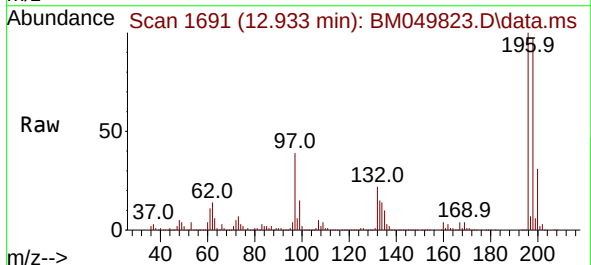
Tgt Ion:196 Resp: 776820
Ion Ratio Lower Upper
196 100
198 95.0 78.3 117.5
200 30.5 25.1 37.7

Manual Integrations
APPROVED

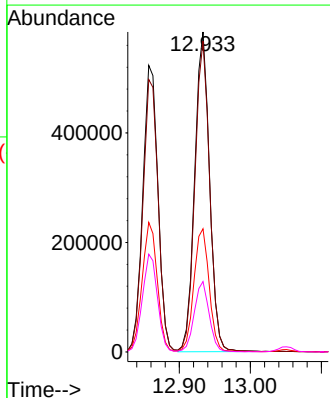
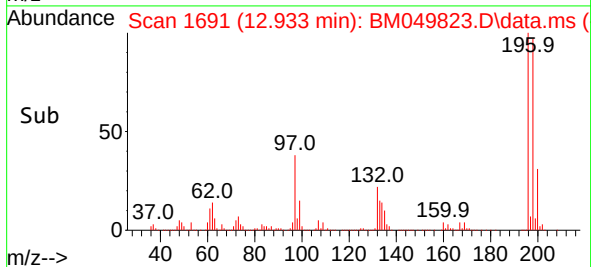
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

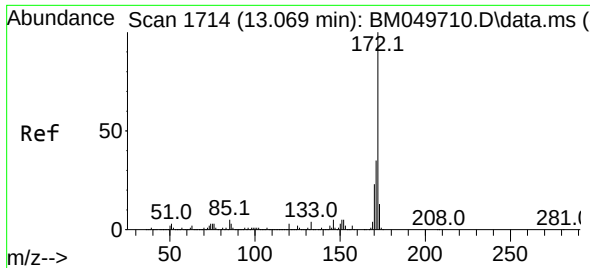


#44
2,4,5-Trichlorophenol
Concen: 52.678 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



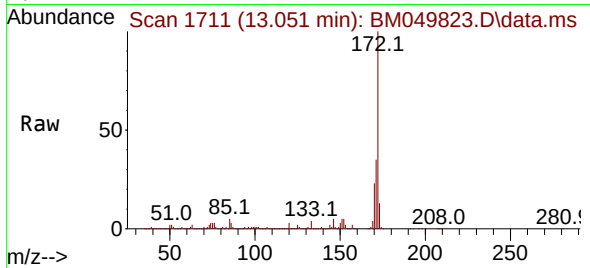
Tgt Ion:196 Resp: 852479
Ion Ratio Lower Upper
196 100
198 97.2 76.7 115.1
97 38.5 32.9 49.3
132 22.0 16.8 25.2





#45
2-Fluorobiphenyl
Concen: 62.699 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

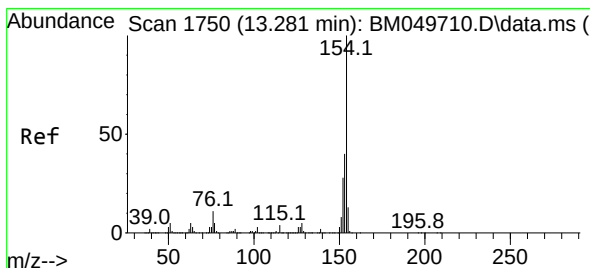
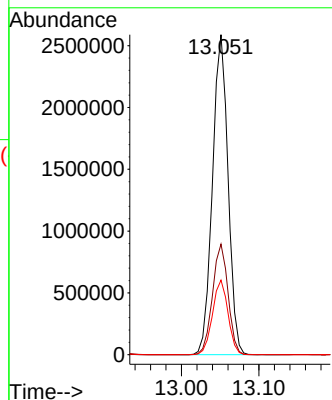
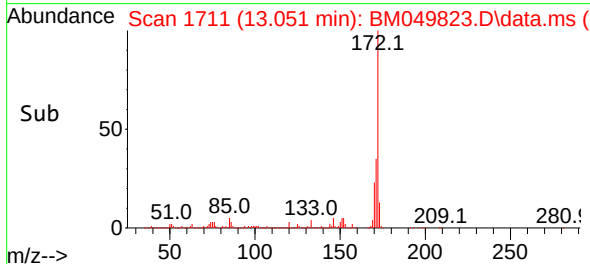
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:172 Resp: 360886
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.3 18.6 28.0

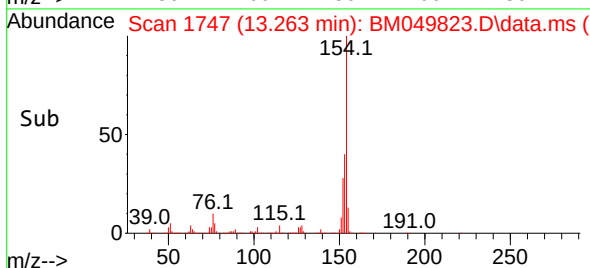
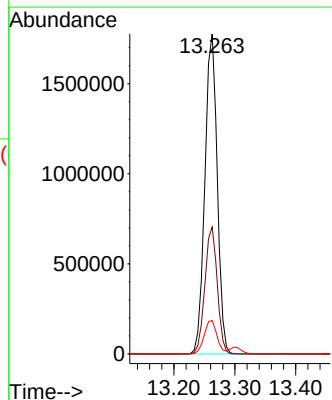
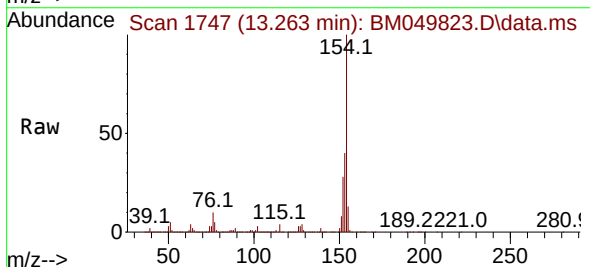
Manual Integrations
APPROVED

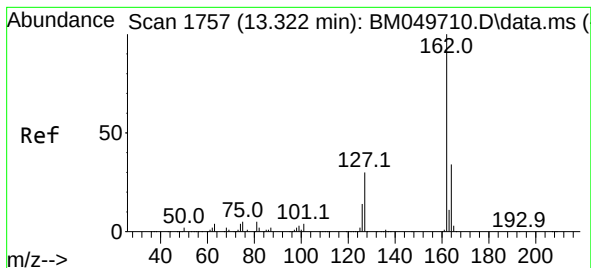
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#46
1,1'-Biphenyl
Concen: 44.912 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

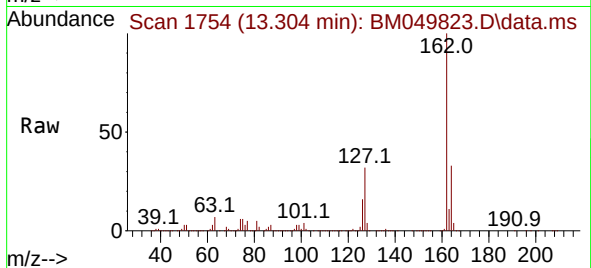
Tgt Ion:154 Resp: 2495189
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 10.4 0.0 31.2





#47
2-Chloronaphthalene
Concen: 45.912 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

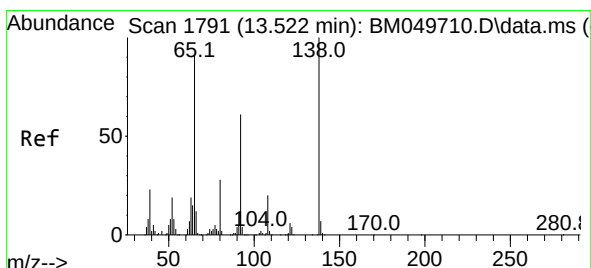
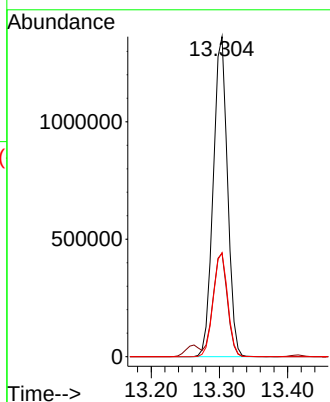
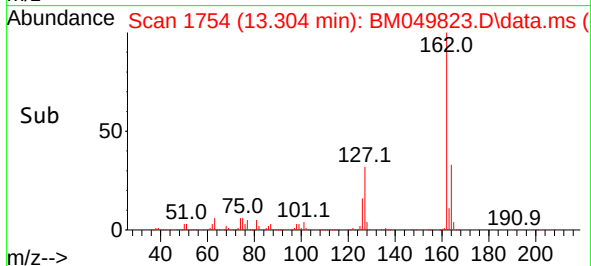
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



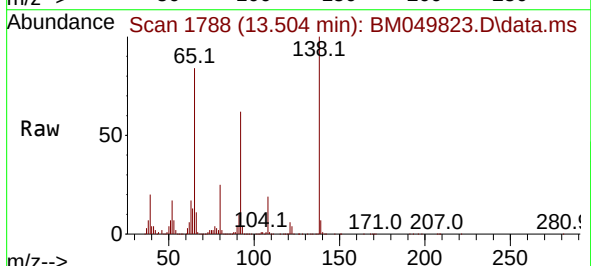
Tgt Ion:162 Resp: 1985404
Ion Ratio Lower Upper
162 100
127 32.3 25.8 38.6
164 32.5 27.1 40.7

Manual Integrations
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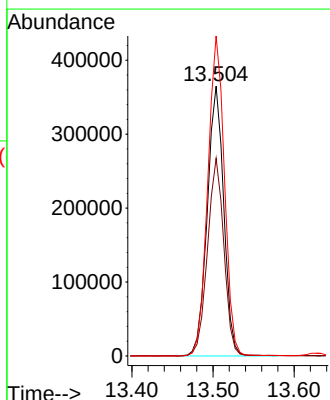
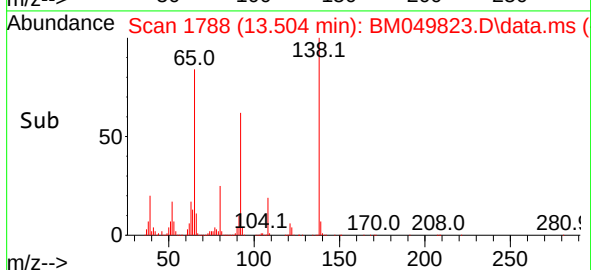
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

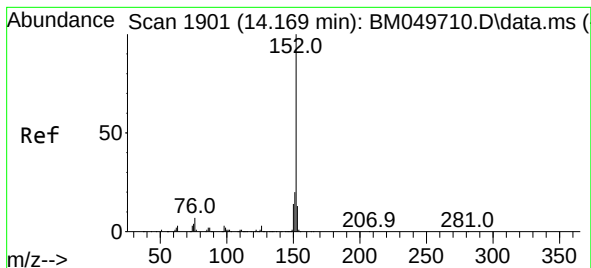


#48
2-Nitroaniline
Concen: 53.121 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



Tgt Ion: 65 Resp: 515679
Ion Ratio Lower Upper
65 100
92 73.2 53.4 80.2
138 118.6 87.6 131.4





#49

Acenaphthylene

Concen: 52.678 ng

RT: 14.151 min Scan# 1898

Delta R.T. -0.018 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

Tgt Ion:152 Resp: 318410

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

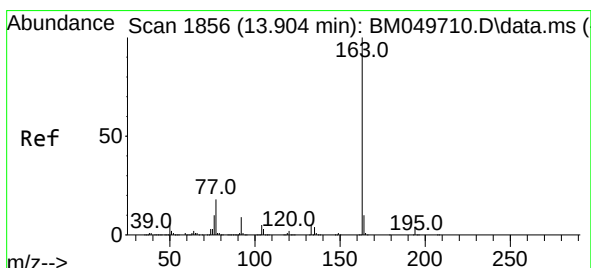
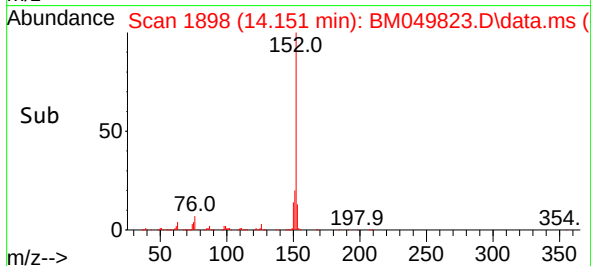
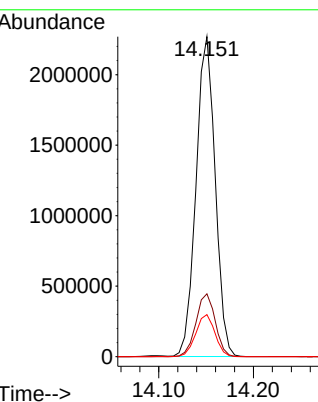
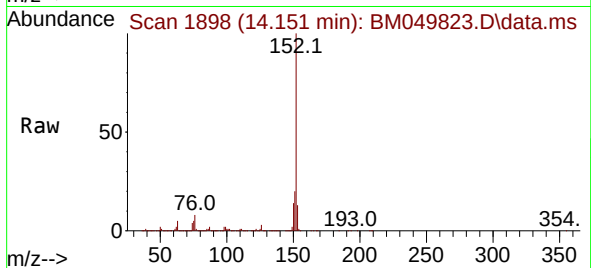
153 13.1 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#50

Dimethylphthalate

Concen: 50.945 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

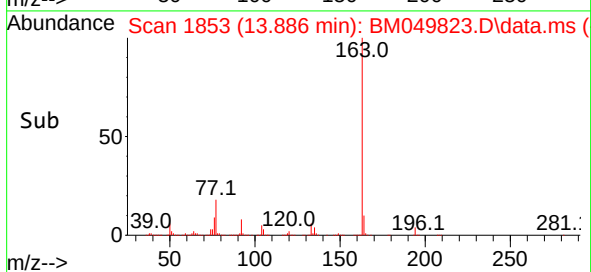
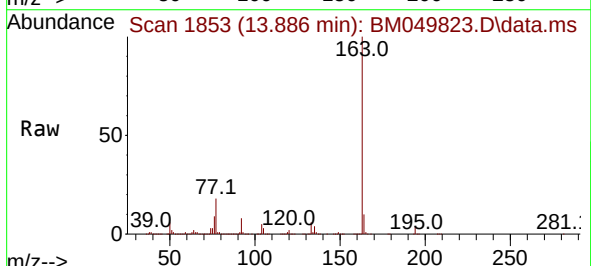
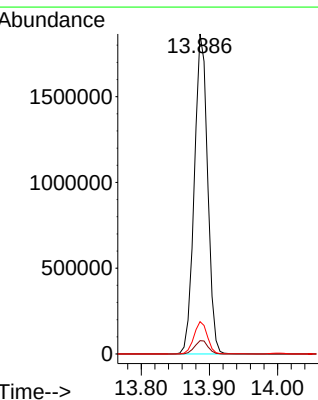
Tgt Ion:163 Resp: 2528429

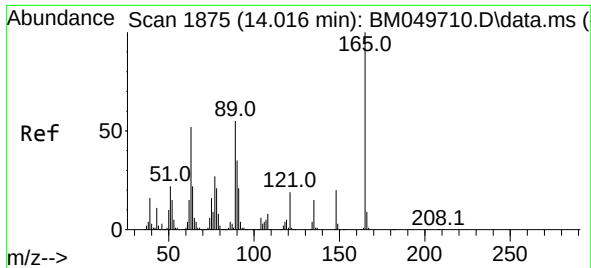
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

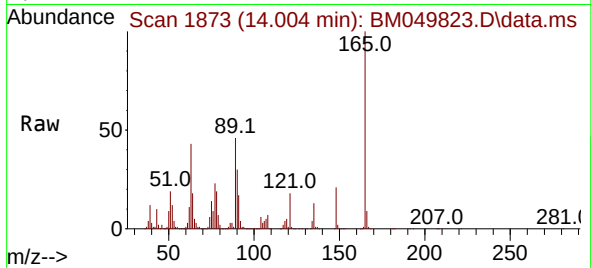
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.807 ng
RT: 14.004 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

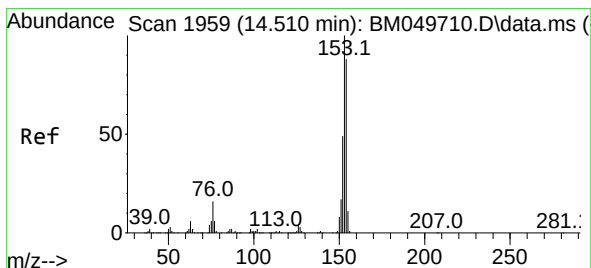
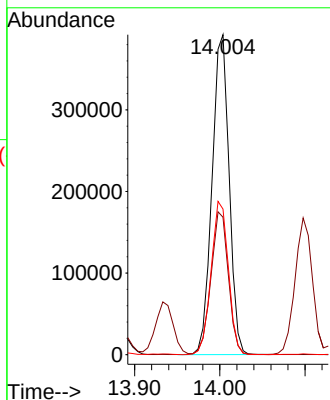
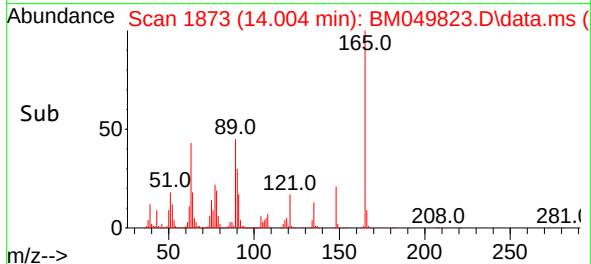
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



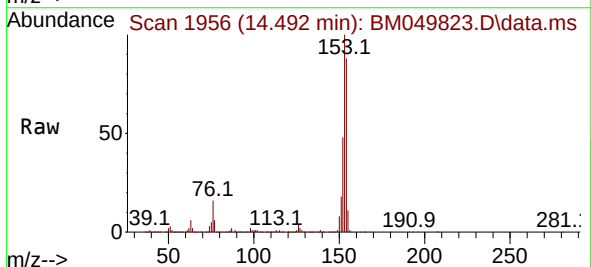
Tgt Ion:165 Resp: 54502
Ion Ratio Lower Upper
165 100
63 43.0 42.3 63.5
89 45.5 43.9 65.9

Manual Integrations
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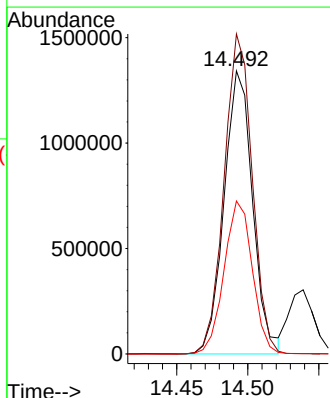
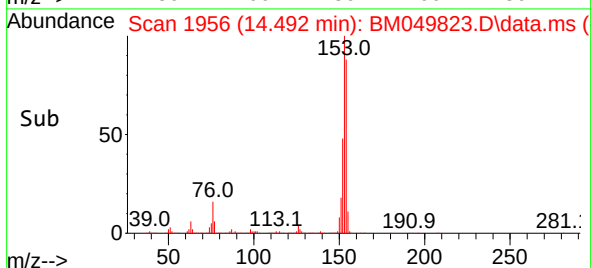
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

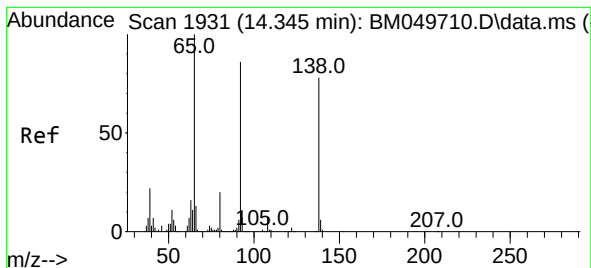


#52
Acenaphthene
Concen: 47.355 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



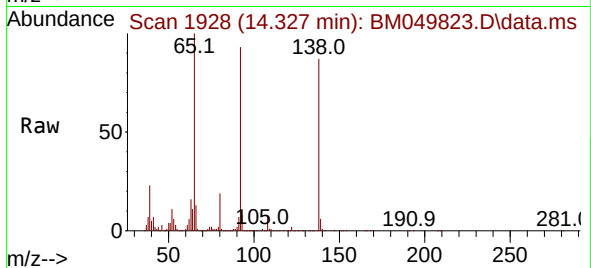
Tgt Ion:154 Resp: 1877545
Ion Ratio Lower Upper
154 100
153 113.0 90.4 135.6
152 54.0 44.2 66.2





#53
3-Nitroaniline
Concen: 44.892 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

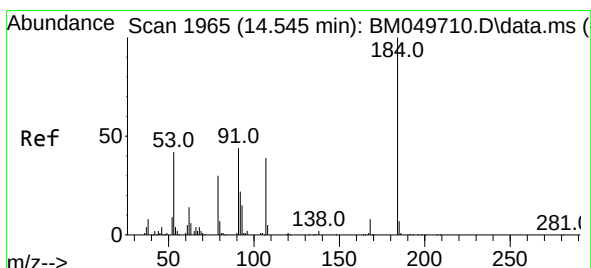
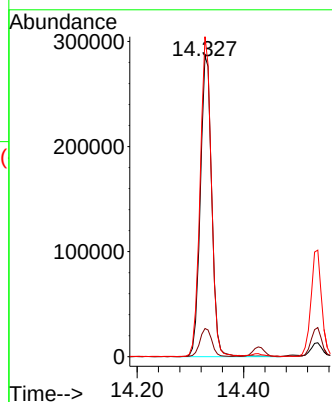
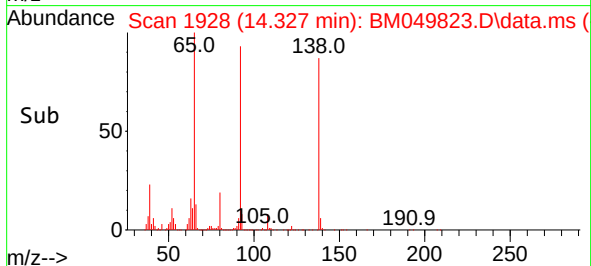
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:138 Resp: 424820
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 106.5 88.0 132.0

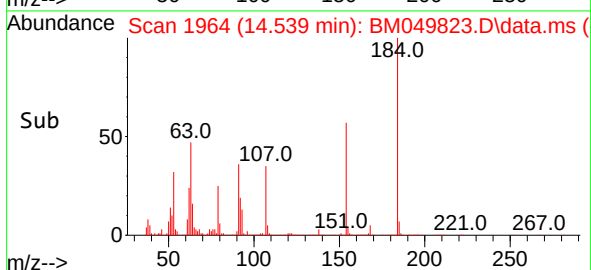
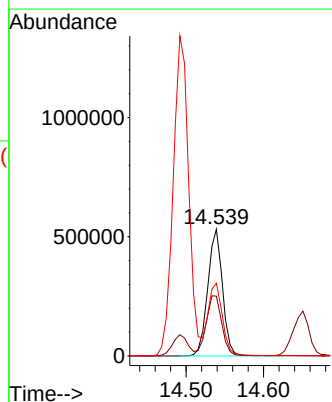
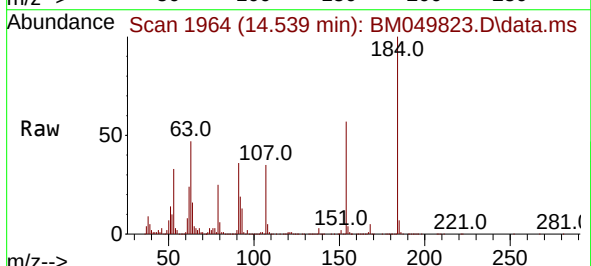
Manual Integrations
APPROVED

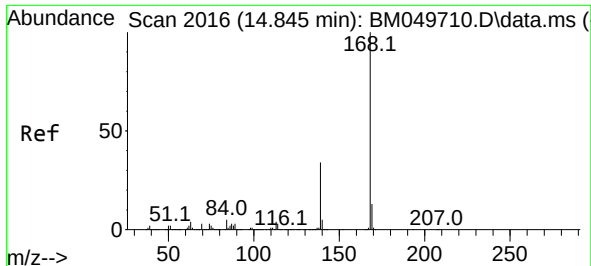
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#54
2,4-Dinitrophenol
Concen: 100.585 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

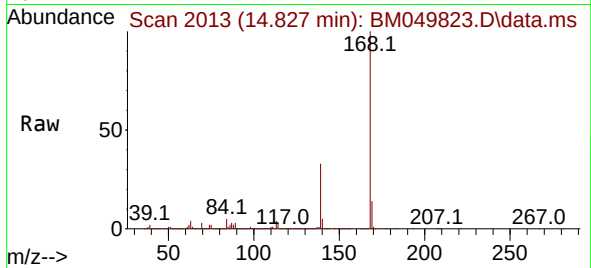
Tgt Ion:184 Resp: 703634
Ion Ratio Lower Upper
184 100
63 47.2 47.2 70.8
154 57.3 49.9 74.9





#55
Dibenzenofuran
Concen: 46.270 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

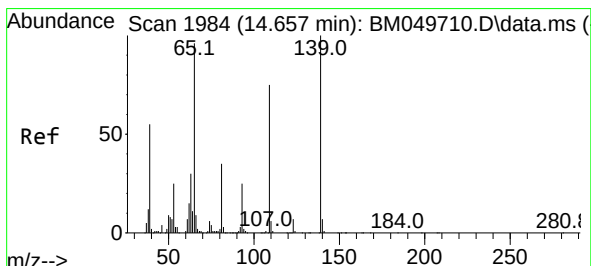
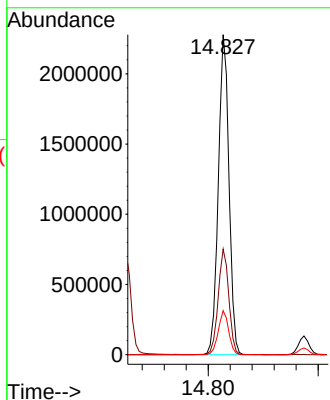
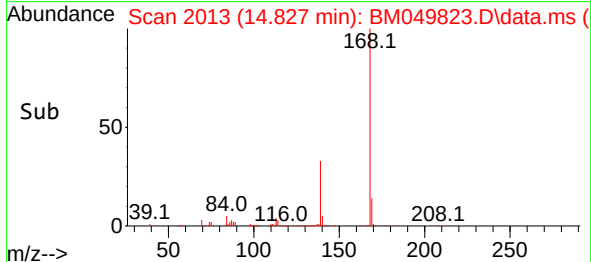
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:168 Resp: 3056872
Ion Ratio Lower Upper
168 100
139 33.0 27.4 41.0
169 13.7 10.7 16.1

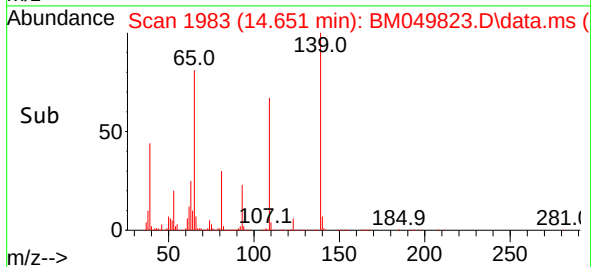
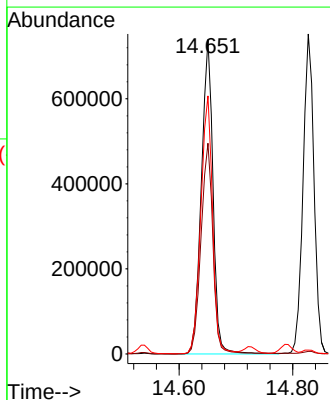
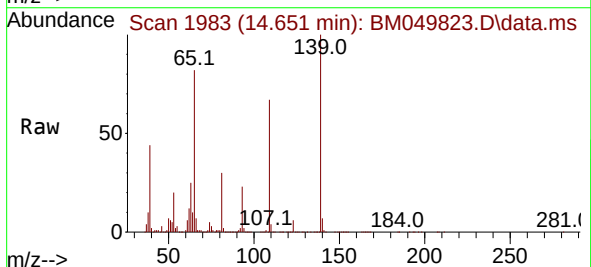
Manual Integrations
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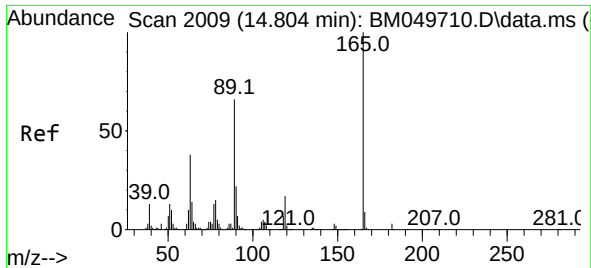
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#56
4-Nitrophenol
Concen: 128.171 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

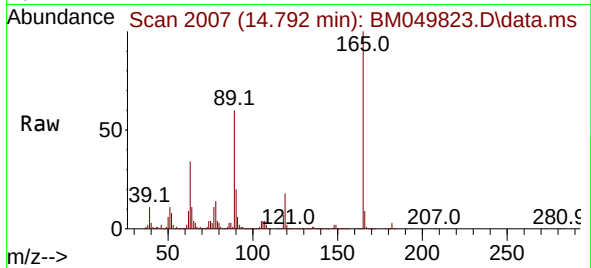
Tgt Ion:139 Resp: 1055783
Ion Ratio Lower Upper
139 100
109 67.0 54.7 94.7
65 82.1 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 61.318 ng
RT: 14.792 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

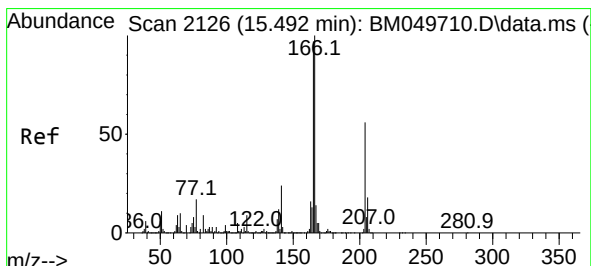
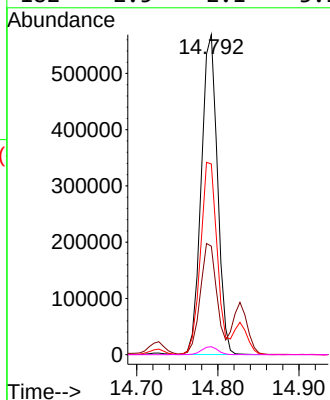
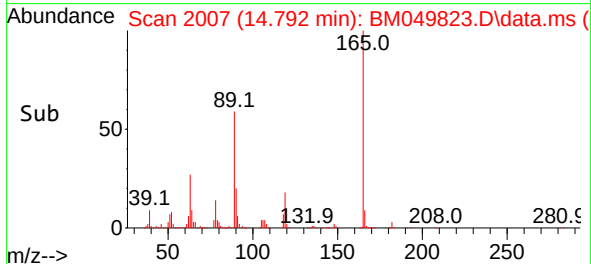
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:165 Resp: 78464
Ion Ratio Lower Upper
165 100
63 33.9 30.8 46.2
89 59.6 53.1 79.7
182 2.5 2.1 3.1

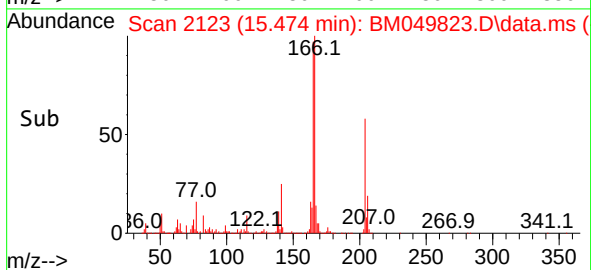
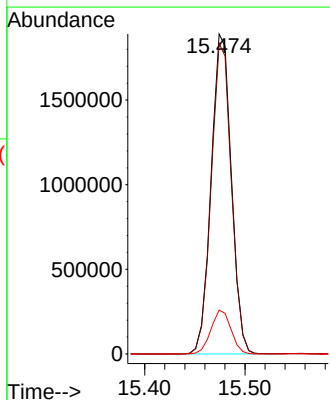
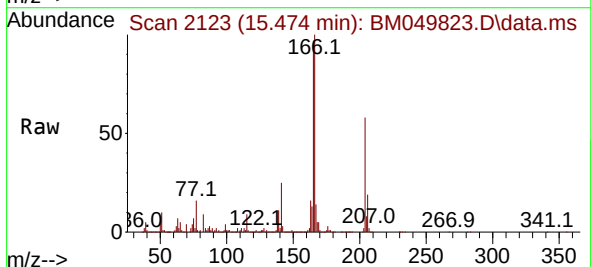
Manual Integrations
APPROVED

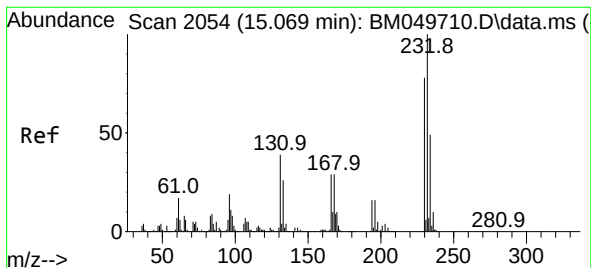
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#58
Fluorene
Concen: 49.129 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Tgt Ion:166 Resp: 2642671
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.7 10.9 16.3





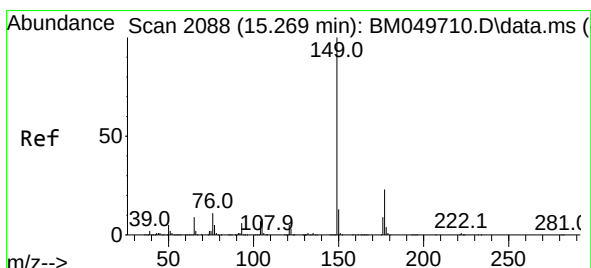
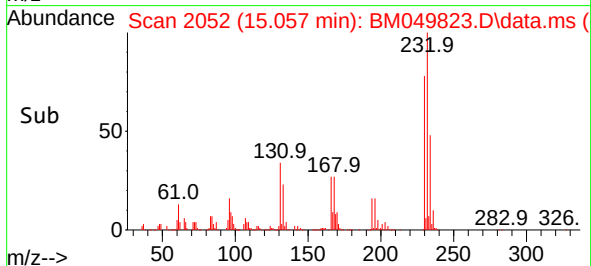
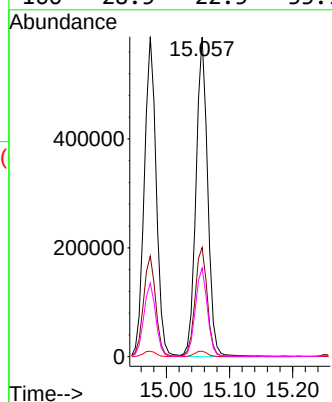
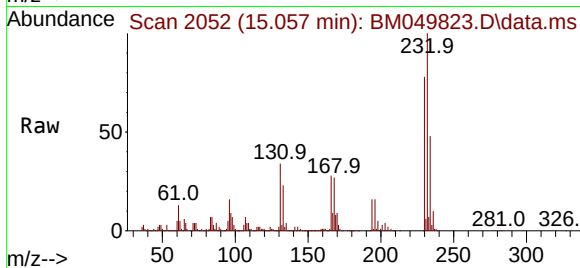
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.324 ng
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Tgt Ion:232 Resp: 74943
Ion Ratio Lower Upper
232 100
131 35.7 30.0 45.0
130 1.9 1.6 2.4
166 28.5 22.5 33.7

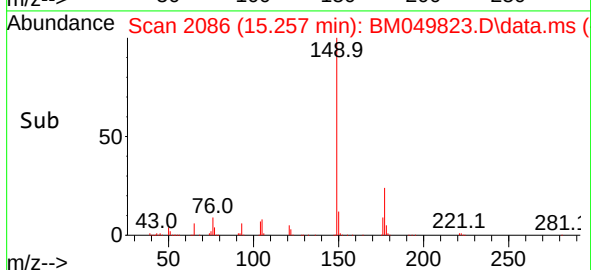
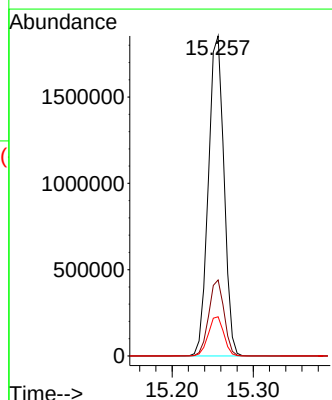
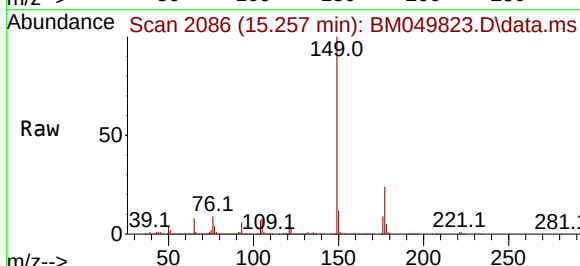
Manual Integrations
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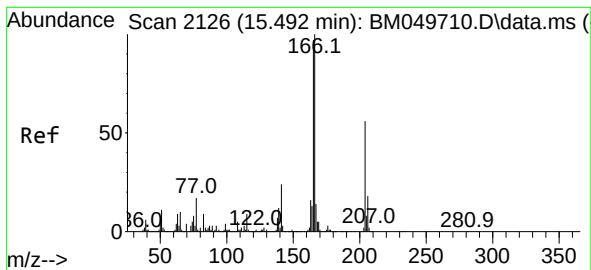
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#60
Diethylphthalate
Concen: 52.831 ng
RT: 15.257 min Scan# 2086
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

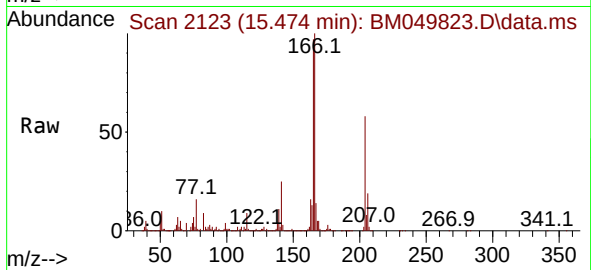
Tgt Ion:149 Resp: 2469491
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.2
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.290 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

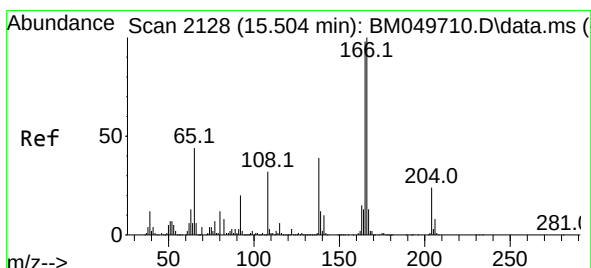
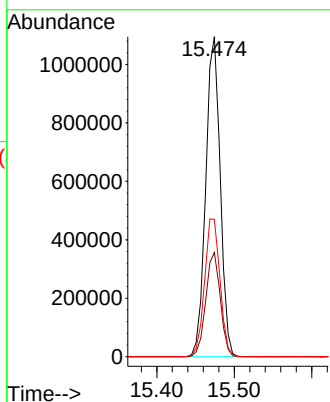
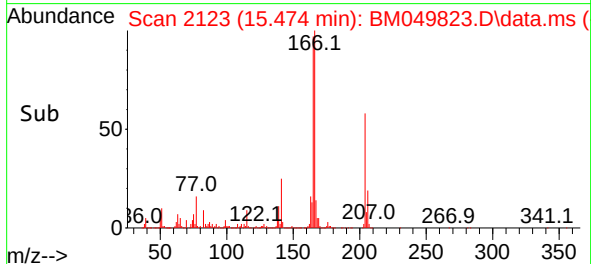
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



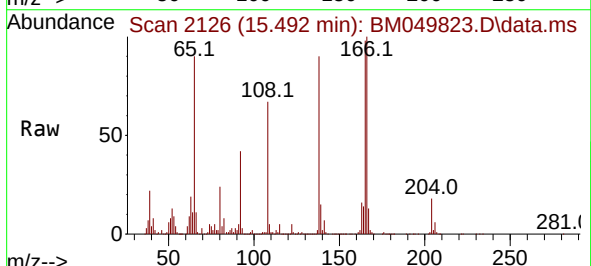
Tgt Ion:204 Resp: 1418419
Ion Ratio Lower Upper
204 100
206 32.5 25.2 37.8
141 42.9 34.5 51.7

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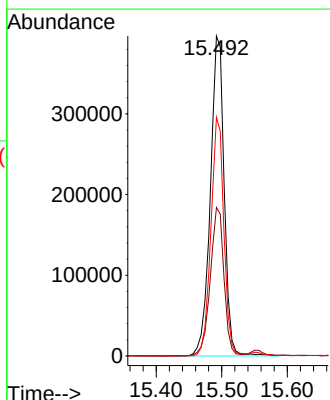
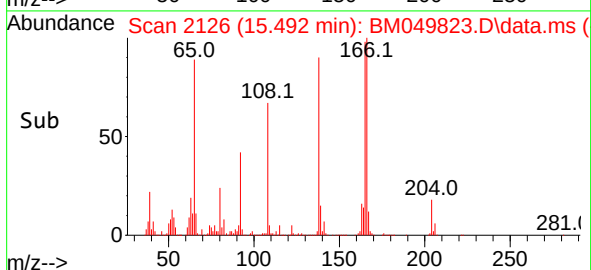
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

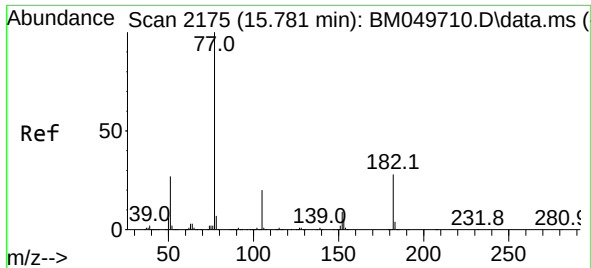


#62
4-Nitroaniline
Concen: 51.336 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



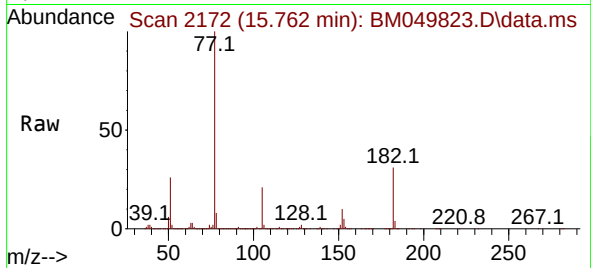
Tgt Ion:138 Resp: 581201
Ion Ratio Lower Upper
138 100
92 46.4 29.8 69.8
108 74.6 61.3 101.3





#63
Azobenzene
Concen: 52.309 ng
RT: 15.762 min Scan# 2172
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

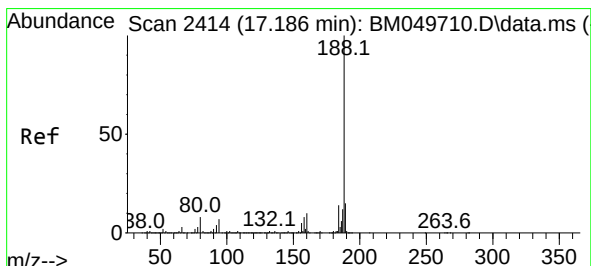
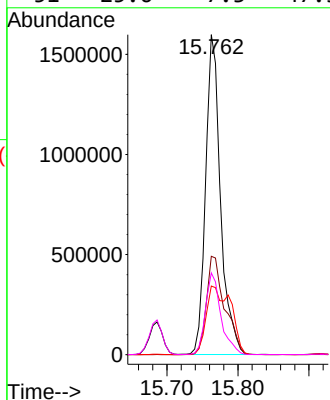
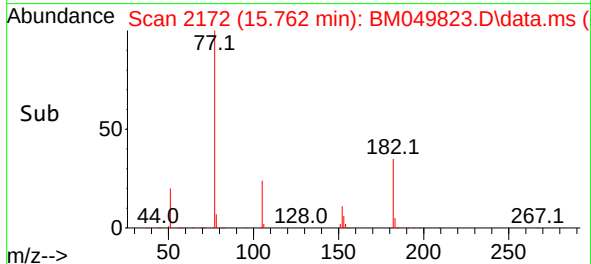
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion: 77 Resp: 2335480
Ion Ratio Lower Upper
77 100
182 30.7 8.0 48.0
105 21.4 0.0 40.0
51 25.6 7.3 47.3

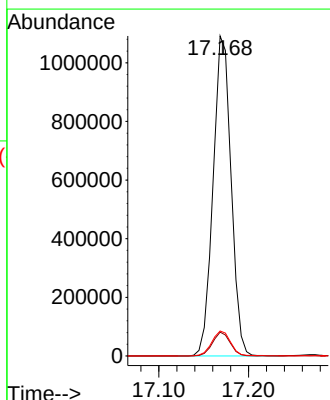
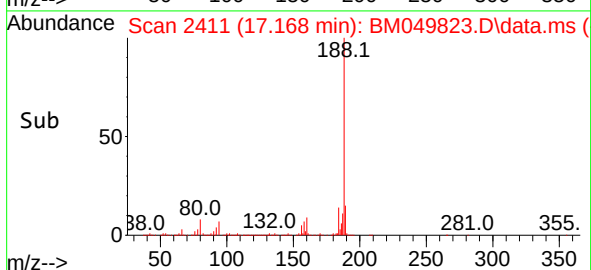
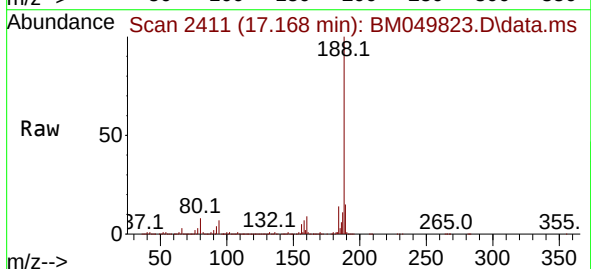
Manual Integrations
APPROVED

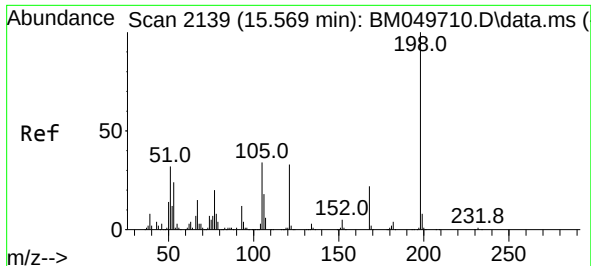
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

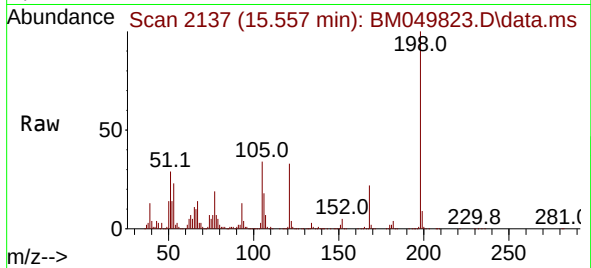
Tgt Ion:188 Resp: 1520332
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 7.8 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 53.480 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

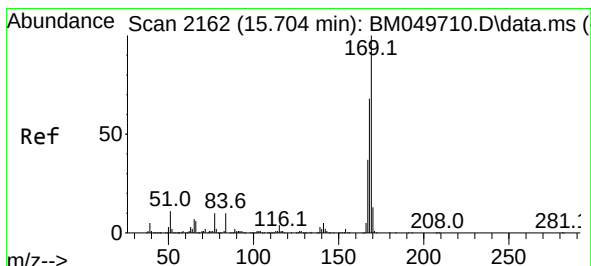
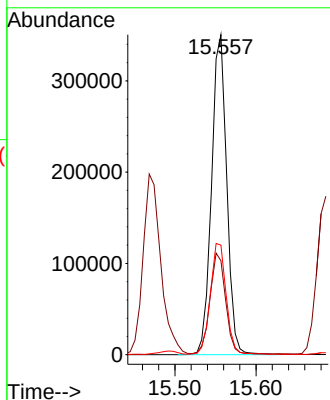
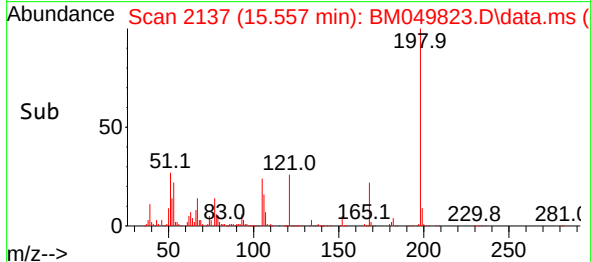
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



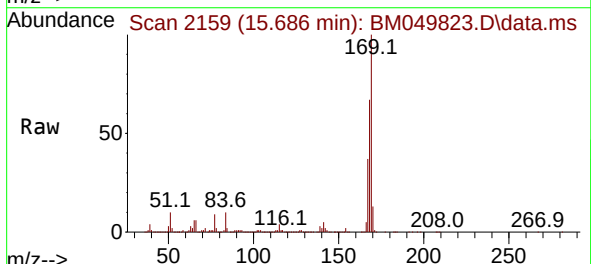
Tgt Ion:198 Resp: 455938
Ion Ratio Lower Upper
198 100
51 29.4 13.8 53.8
105 34.3 14.0 54.0

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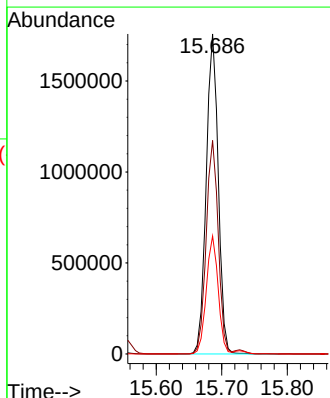
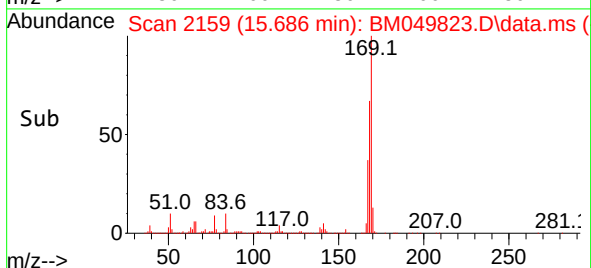
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

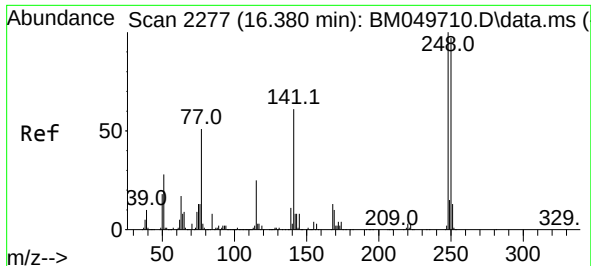


#66
n-Nitrosodiphenylamine
Concen: 48.733 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



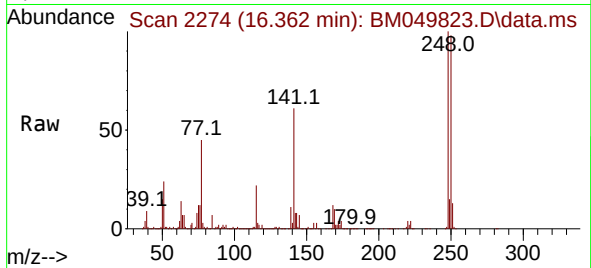
Tgt Ion:169 Resp: 2244807
Ion Ratio Lower Upper
169 100
168 66.7 54.8 82.2
167 36.9 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 48.117 ng
RT: 16.362 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

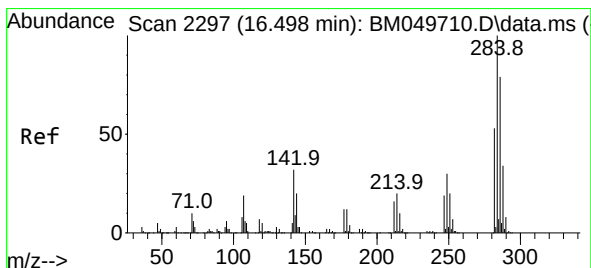
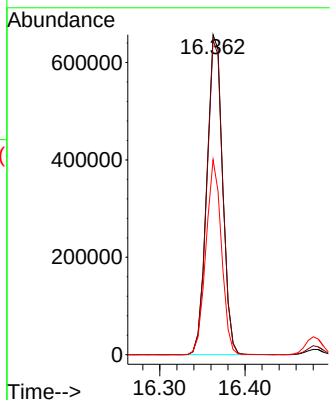
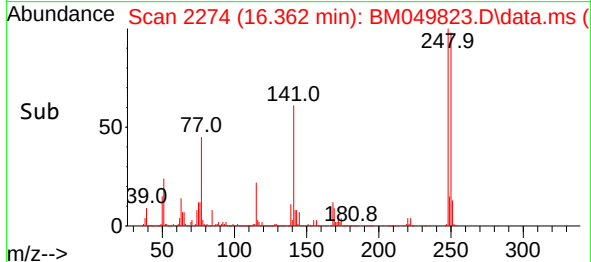
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



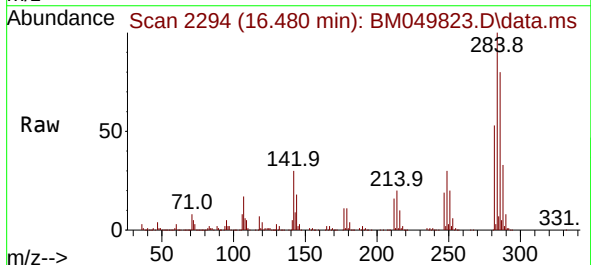
Tgt Ion:248 Resp: 844608
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 61.0 48.6 73.0

Manual Integrations
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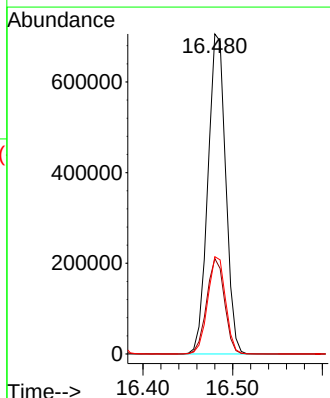
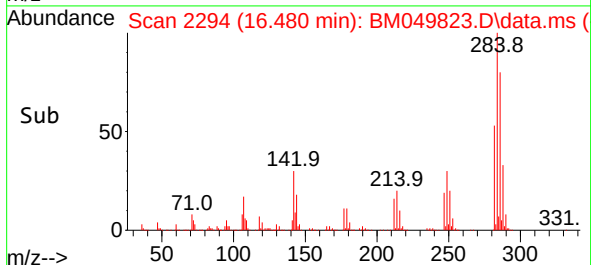
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

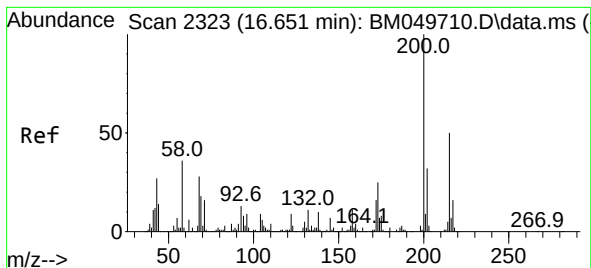


#68
Hexachlorobenzene
Concen: 49.175 ng
RT: 16.480 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



Tgt Ion:284 Resp: 970673
Ion Ratio Lower Upper
284 100
142 29.8 25.5 38.3
249 30.4 24.2 36.2





#69

Atrazine

Concen: 83.886 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

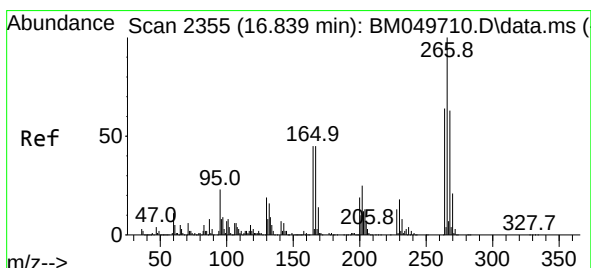
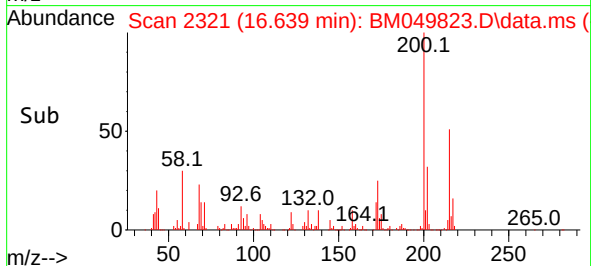
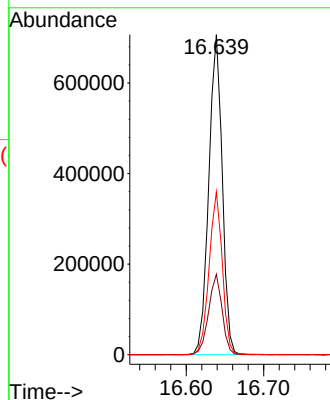
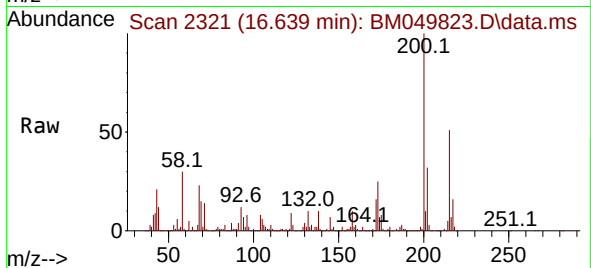
Tgt Ion:200 Resp: 85157
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.4 45.4
 215 50.9 29.8 69.8

Manual Integrations

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Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#70

Pentachlorophenol

Concen: 117.507 ng

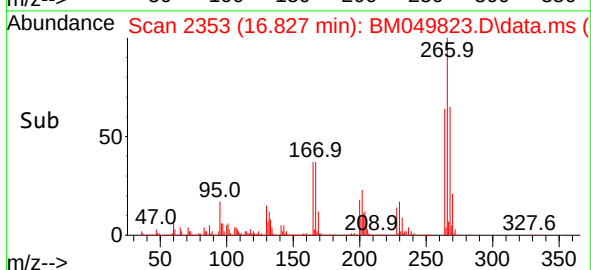
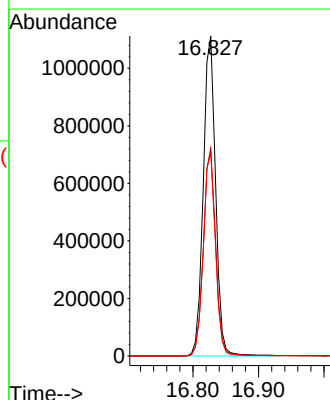
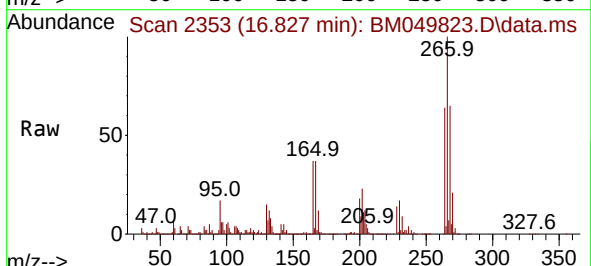
RT: 16.827 min Scan# 2353

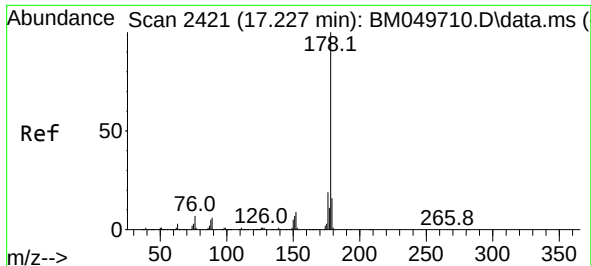
Delta R.T. -0.012 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

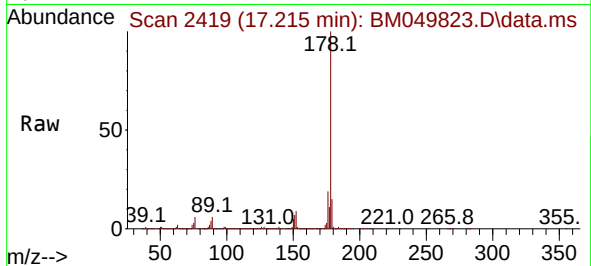
Tgt Ion:266 Resp: 1457616
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.2 75.2
 264 63.5 51.3 76.9





#71
Phenanthrene
Concen: 49.560 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

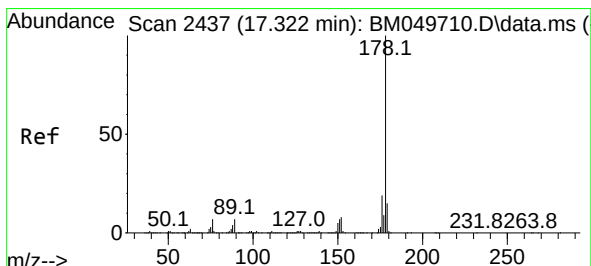
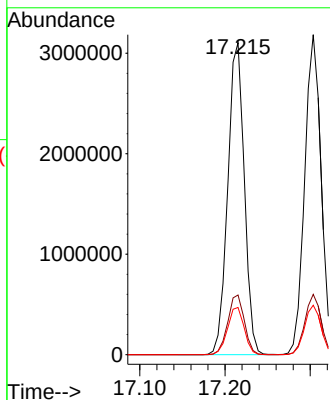
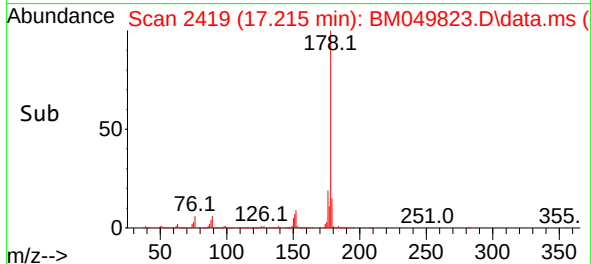
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



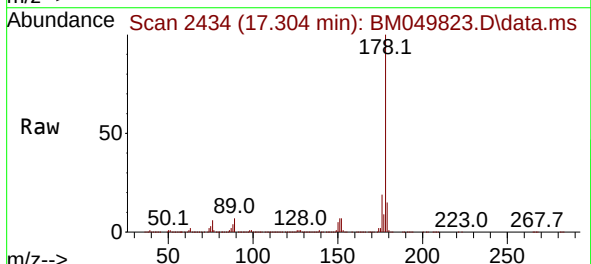
Tgt Ion:178 Resp: 418390
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.1 12.5 18.7

Manual Integrations
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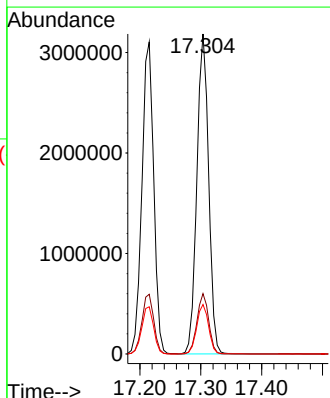
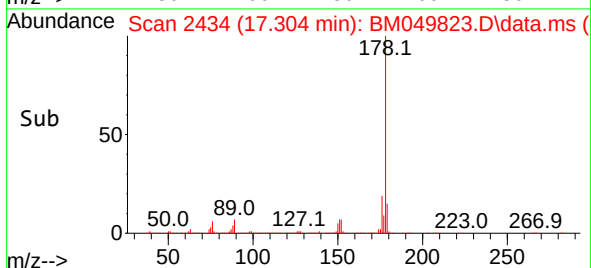
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

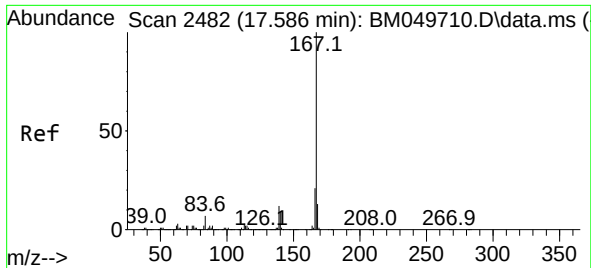


#72
Anthracene
Concen: 52.278 ng
RT: 17.304 min Scan# 2434
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



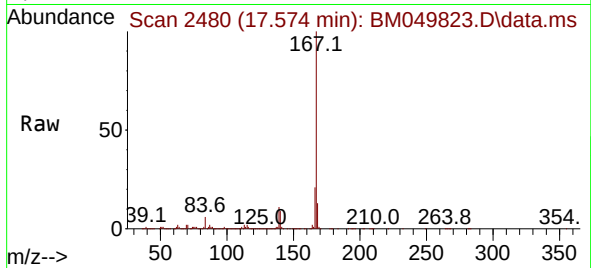
Tgt Ion:178 Resp: 4274084
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 53.450 ng
 RT: 17.574 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM049823.D
 Acq: 04 Apr 2025 14:43

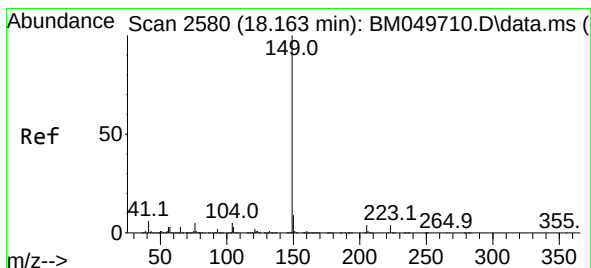
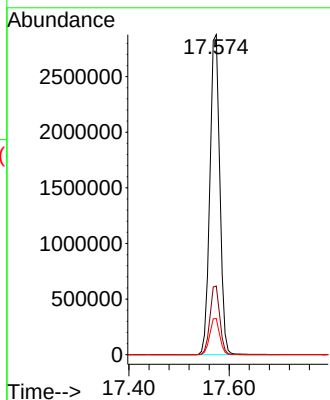
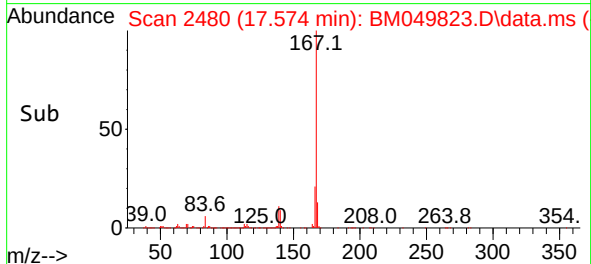
Instrument :
 BNA_M
 ClientSampleId :
 TP-18MSD



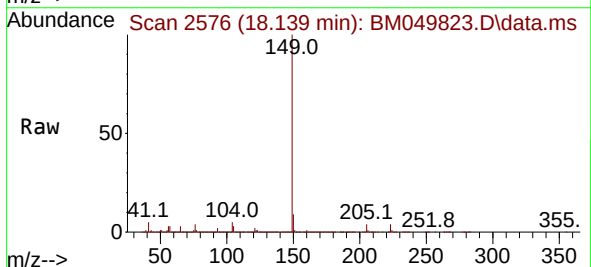
Tgt Ion:167 Resp: 3957574
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 11.3 9.4 14.2

Manual Integrations
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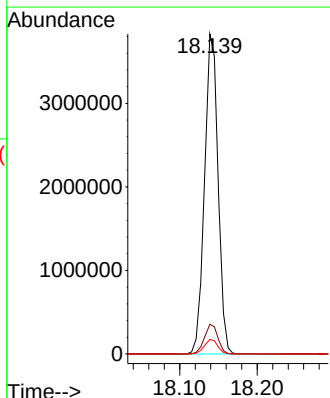
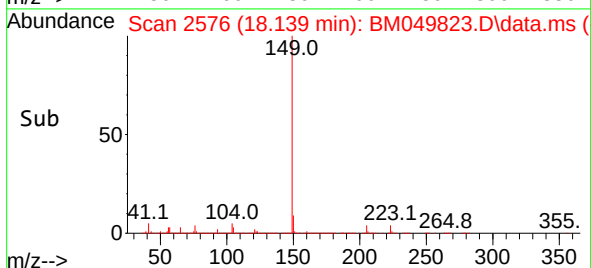
Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

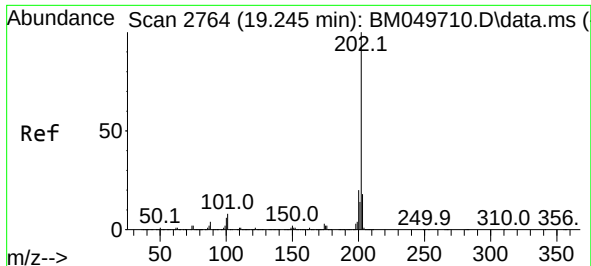


#74
 Di-n-butylphthalate
 Concen: 57.065 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.024 min
 Lab File: BM049823.D
 Acq: 04 Apr 2025 14:43



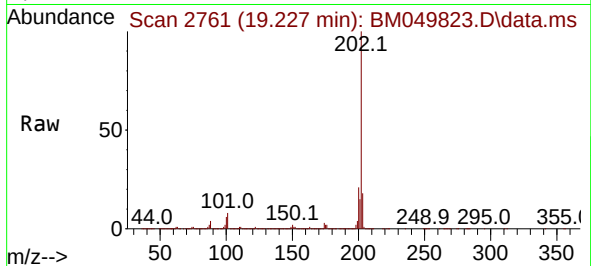
Tgt Ion:149 Resp: 4631002
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.6 3.9 5.9





#75
Fluoranthene
Concen: 53.012 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

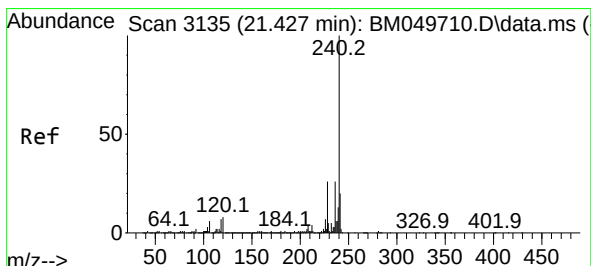
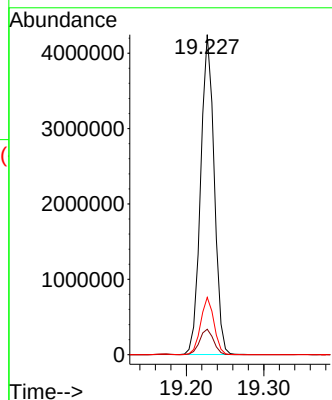
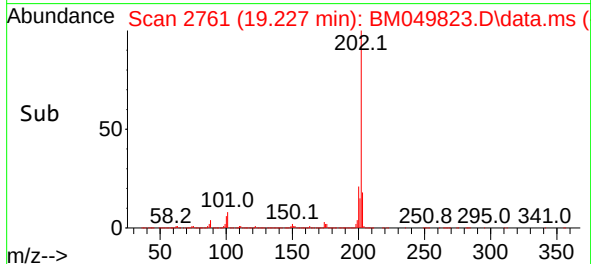
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:202 Resp: 515238
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.8
203 17.9 0.0 37.6

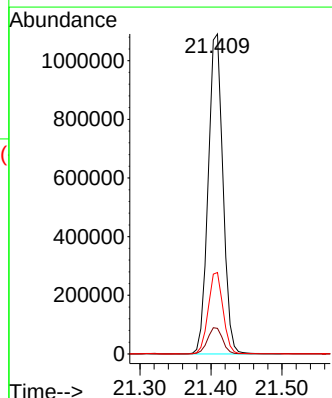
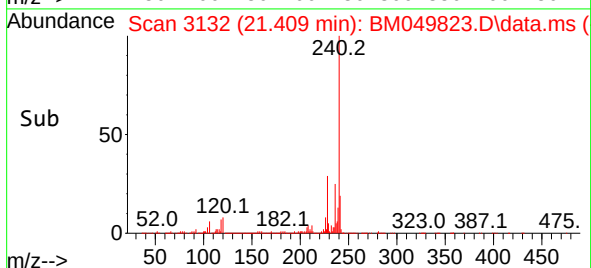
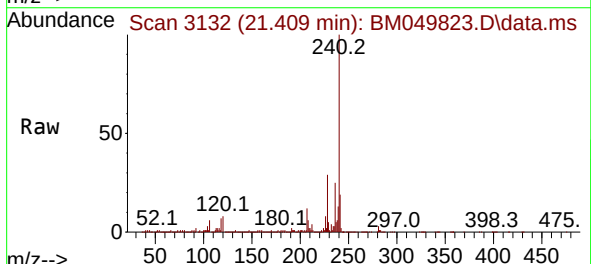
Manual Integrations
APPROVED

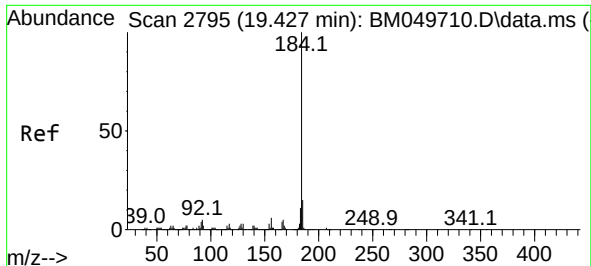
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

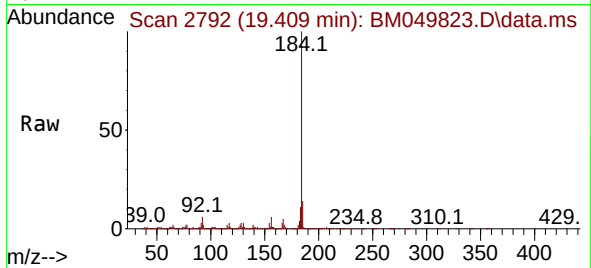
Tgt Ion:240 Resp: 1576204
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.4 20.7 31.1





#77
Benzidine
Concen: 149.444 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

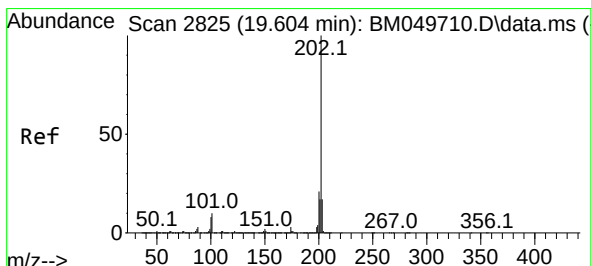
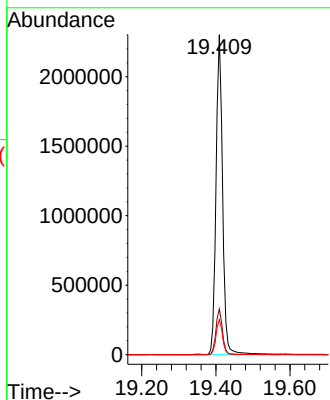
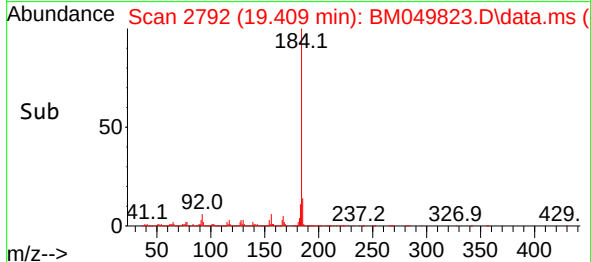
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



Tgt Ion:184 Resp: 2829950
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.0 8.8 13.2

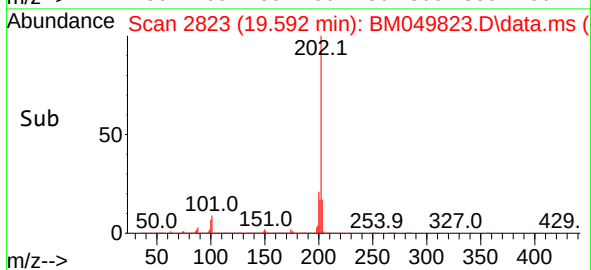
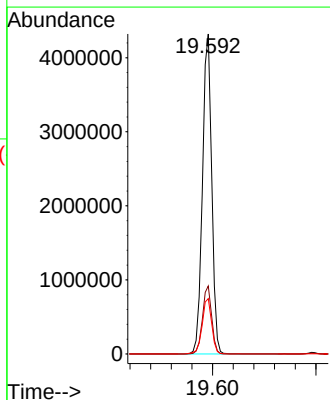
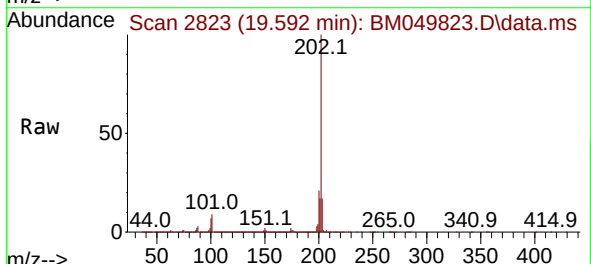
Manual Integrations
APPROVED

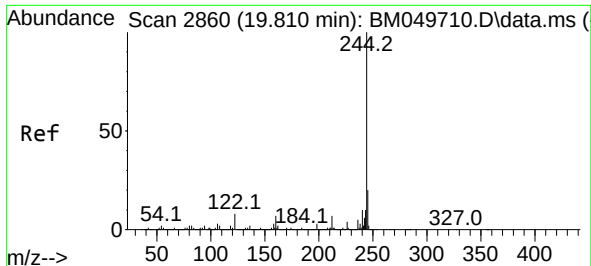
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#78
Pyrene
Concen: 48.800 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

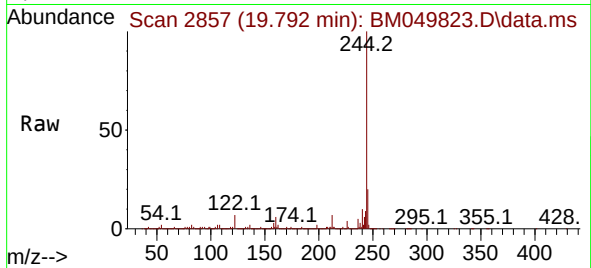
Tgt Ion:202 Resp: 5374031
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.3 14.0 21.0





#79
 Terphenyl-d14
 Concen: 73.909 ng
 RT: 19.792 min Scan# 2857
 Delta R.T. -0.018 min
 Lab File: BM049823.D
 Acq: 04 Apr 2025 14:43

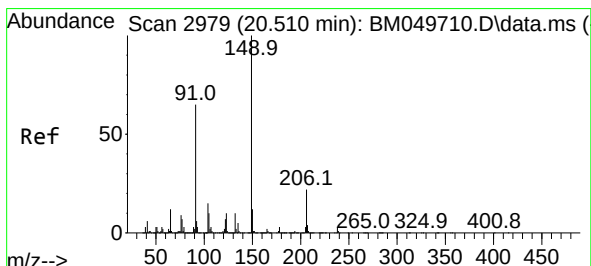
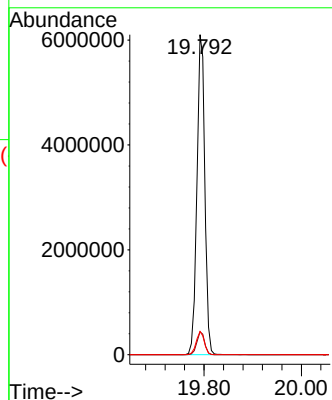
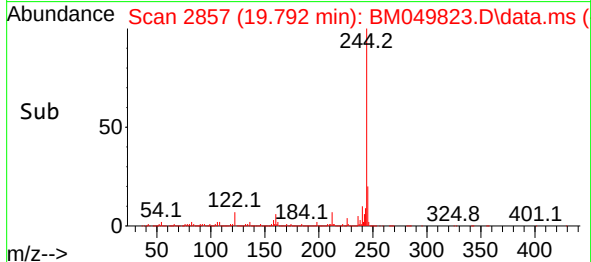
Instrument :
 BNA_M
 ClientSampleId :
 TP-18MSD



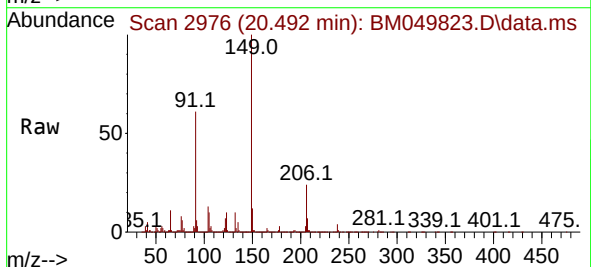
Tgt Ion:244 Resp: 691321
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 7.3 6.0 9.0

Manual Integrations
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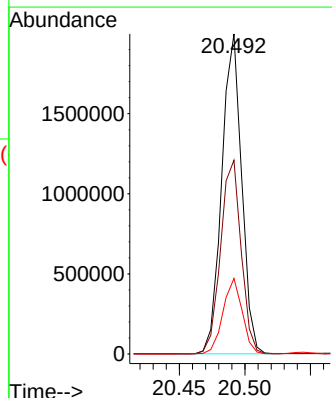
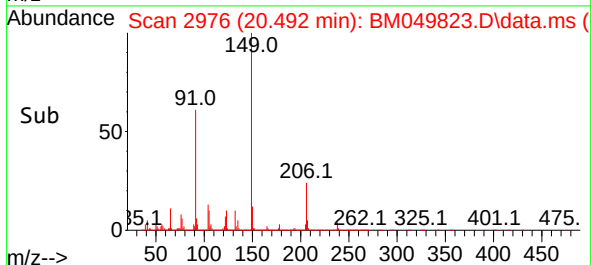
Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025

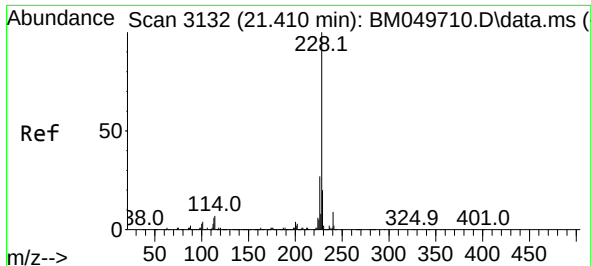


#80
 Butylbenzylphthalate
 Concen: 61.425 ng
 RT: 20.492 min Scan# 2976
 Delta R.T. -0.018 min
 Lab File: BM049823.D
 Acq: 04 Apr 2025 14:43



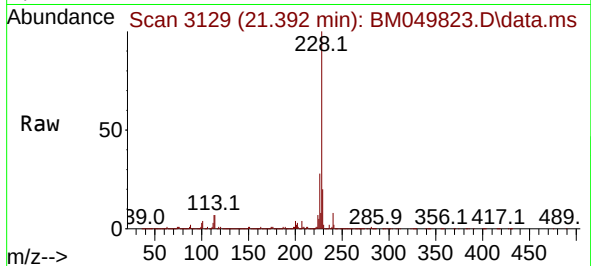
Tgt Ion:149 Resp: 2099221
 Ion Ratio Lower Upper
 149 100
 91 60.6 52.2 78.4
 206 23.6 17.6 26.4





#81
Benzo(a)anthracene
Concen: 50.404 ng
RT: 21.392 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

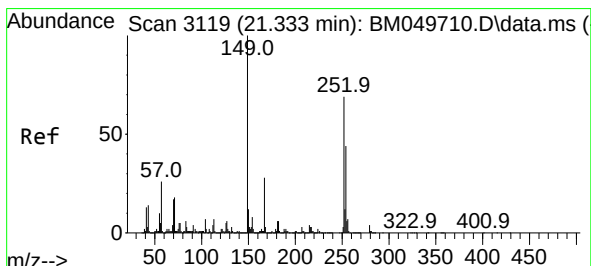
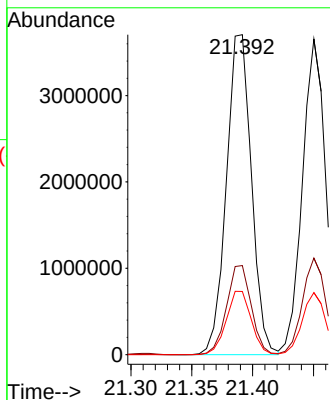
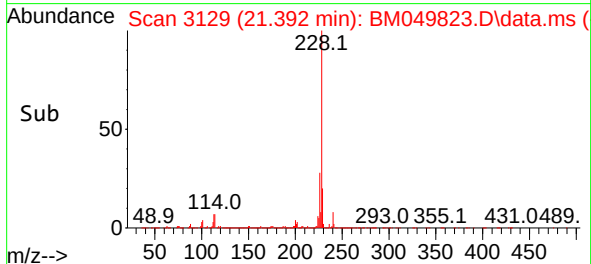
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



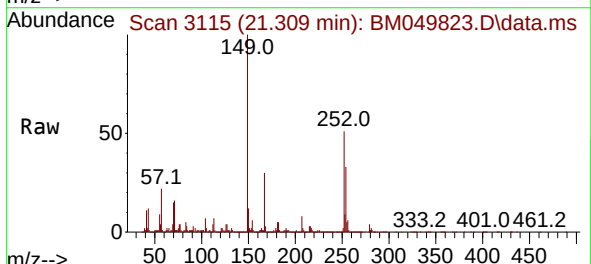
Tgt Ion:228 Resp: 530653
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 19.8 15.8 23.8

Manual Integrations
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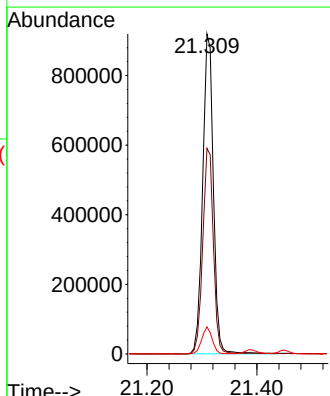
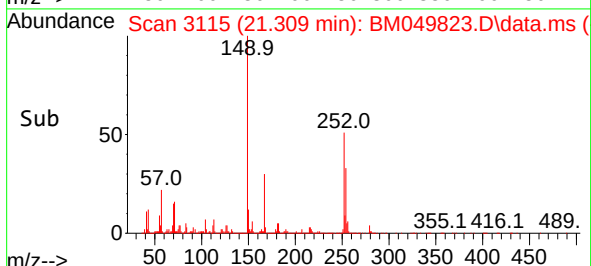
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

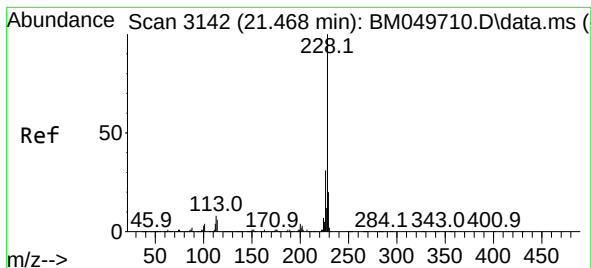


#82
3,3'-Dichlorobenzidine
Concen: 36.117 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.024 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



Tgt Ion:252 Resp: 1237963
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 8.4 6.3 9.5





#83

Chrysene

Concen: 48.620 ng

RT: 21.450 min Scan# 3119

Delta R.T. -0.018 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

Tgt Ion:228 Resp: 485222

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

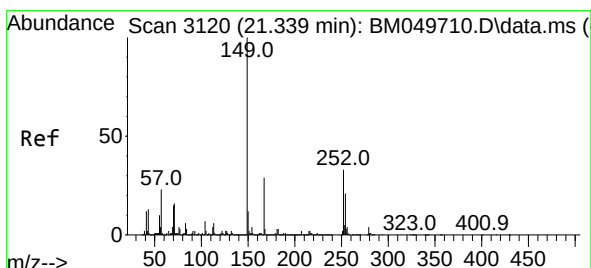
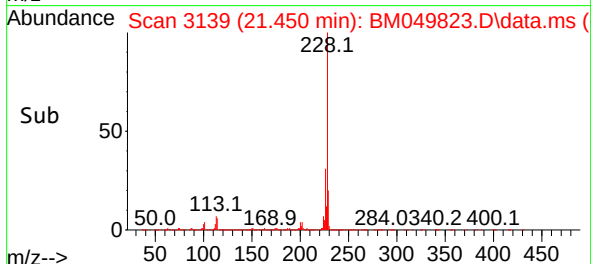
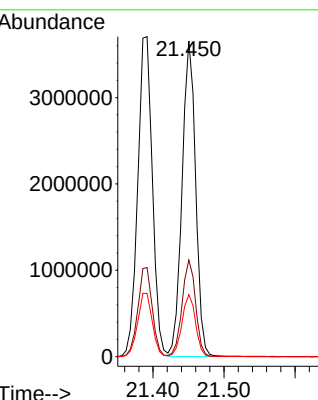
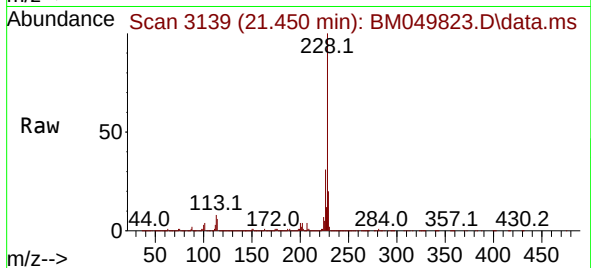
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.305 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.024 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

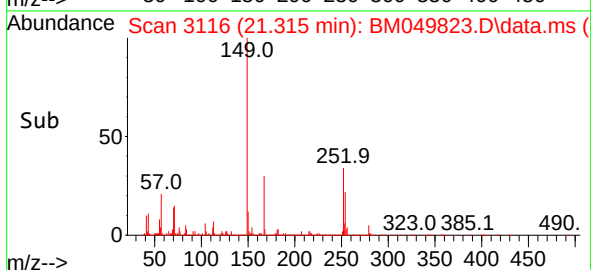
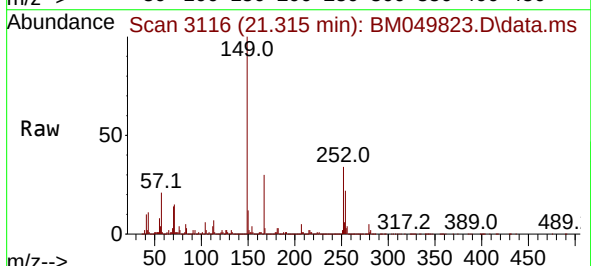
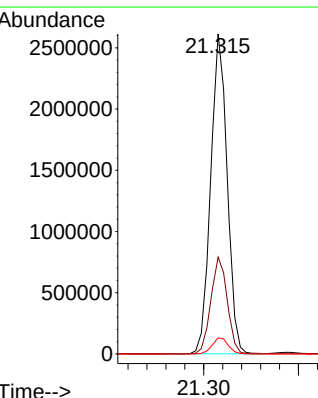
Tgt Ion:149 Resp: 3158643

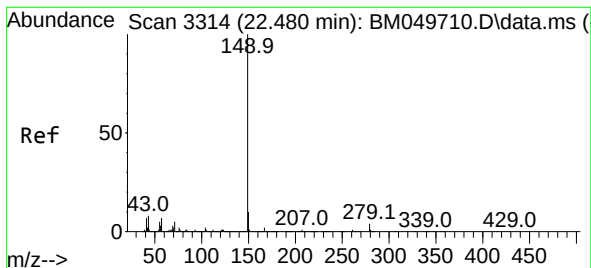
Ion Ratio Lower Upper

149 100

167 30.3 22.9 34.3

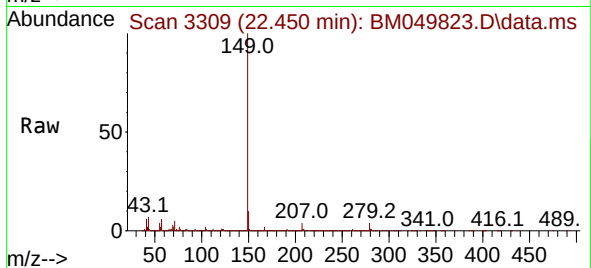
279 5.1 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 62.864 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

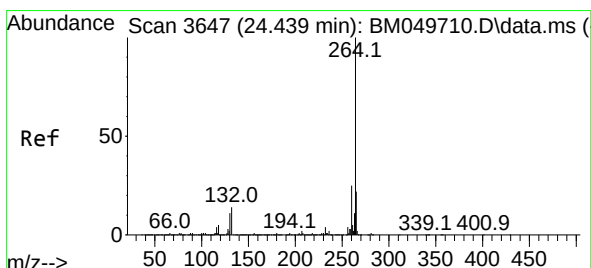
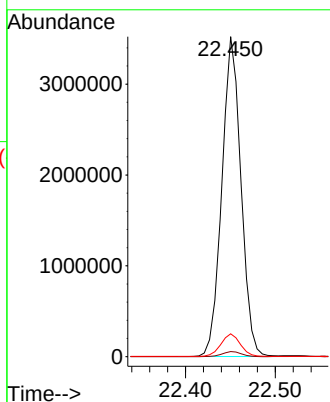
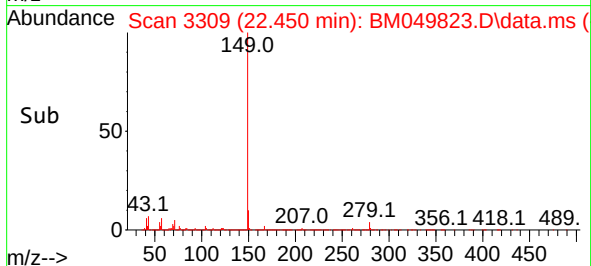
Instrument :
BNA_M
ClientSampleId :
TP-18MSD



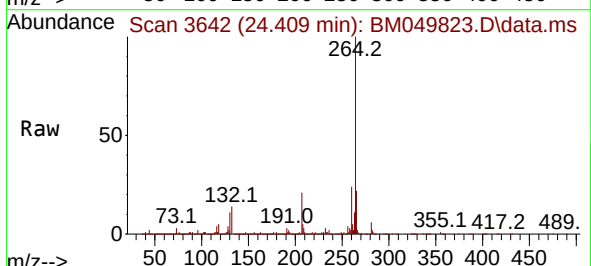
Tgt Ion:149 Resp: 5203980
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 6.8 10.2

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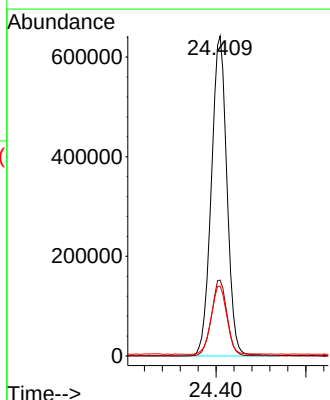
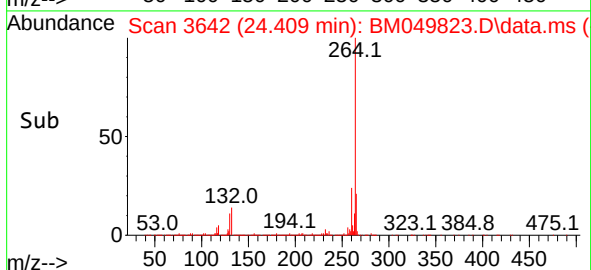
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

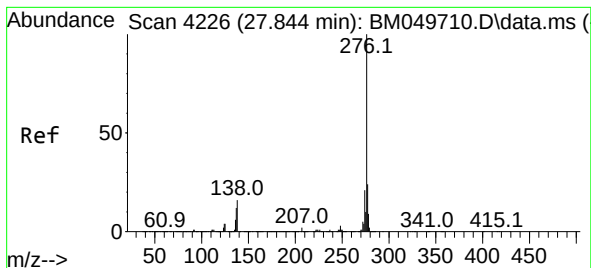


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3642
Delta R.T. -0.030 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43



Tgt Ion:264 Resp: 1548769
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.9 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.740 ng

RT: 27.797 min Scan# 41

Delta R.T. -0.047 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

Tgt Ion:276 Resp: 587907

Ion Ratio Lower Upper

276 100

138 20.6 16.3 24.5

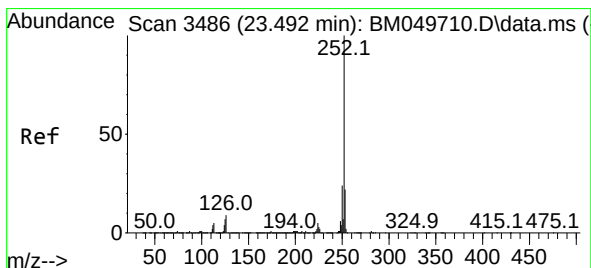
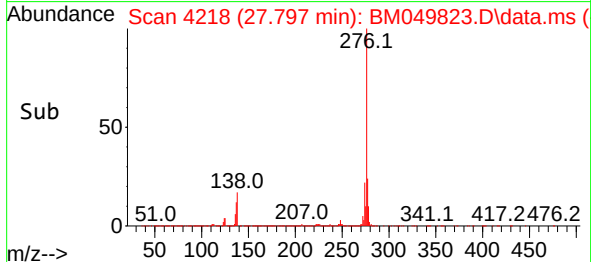
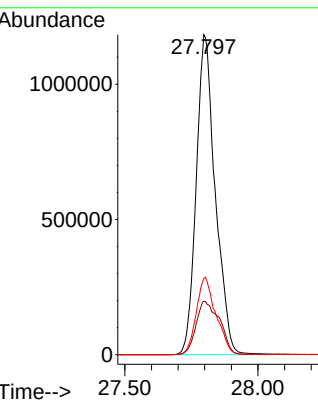
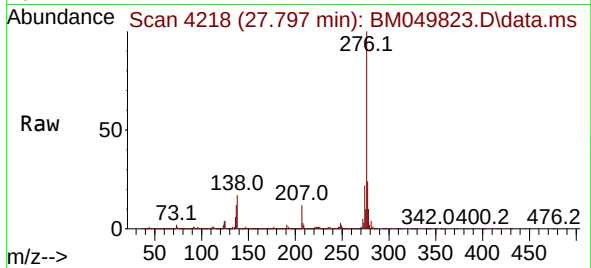
277 25.0 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#88

Benzo(b)fluoranthene

Concen: 46.691 ng

RT: 23.462 min Scan# 3481

Delta R.T. -0.030 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

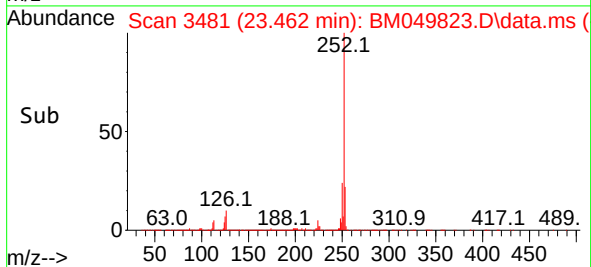
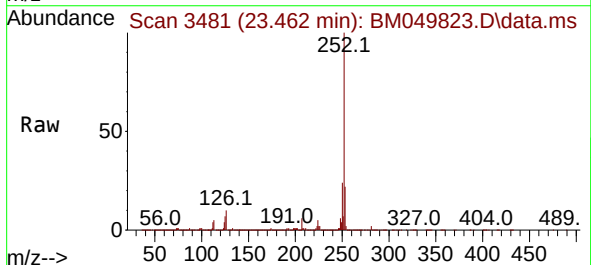
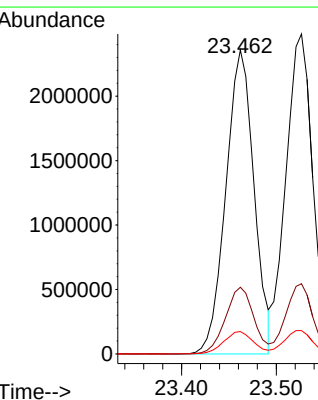
Tgt Ion:252 Resp: 4870557

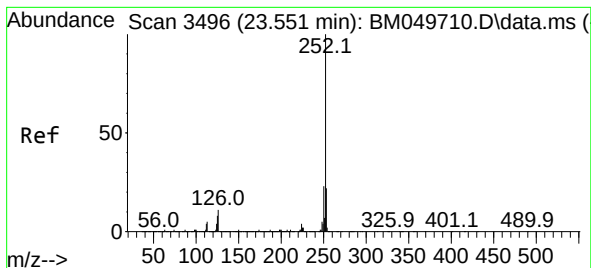
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 7.4 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 48.151 ng

RT: 23.527 min Scan# 3496

Delta R.T. -0.024 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

Instrument :

BNA_M

ClientSampleId :

TP-18MSD

Tgt Ion:252 Resp: 4942475

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

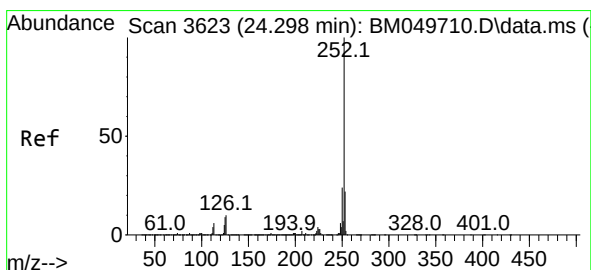
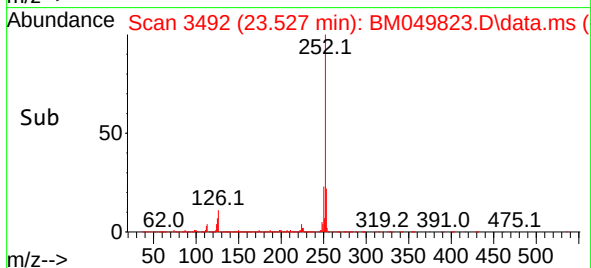
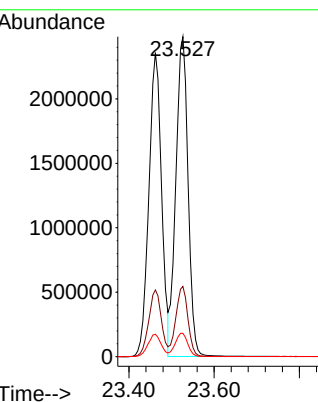
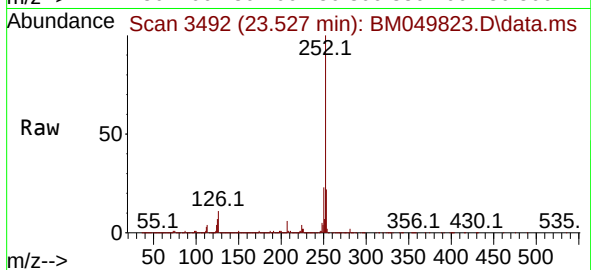
125 7.3 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#90

Benzo(a)pyrene

Concen: 52.847 ng

RT: 24.268 min Scan# 3618

Delta R.T. -0.030 min

Lab File: BM049823.D

Acq: 04 Apr 2025 14:43

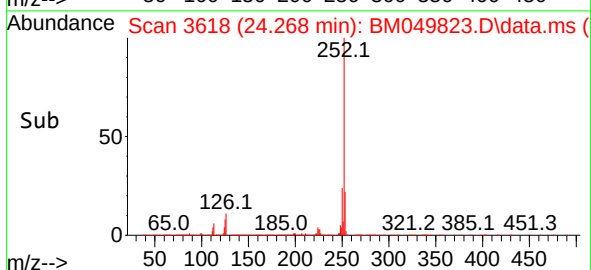
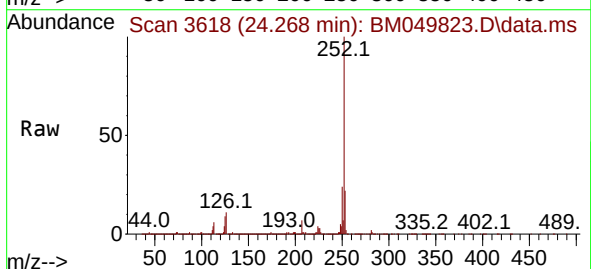
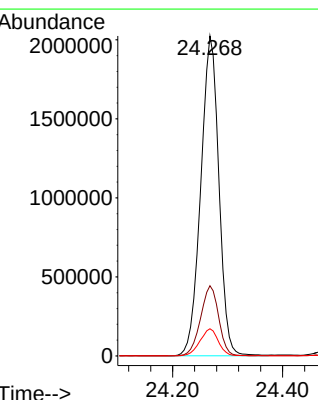
Tgt Ion:252 Resp: 4630511

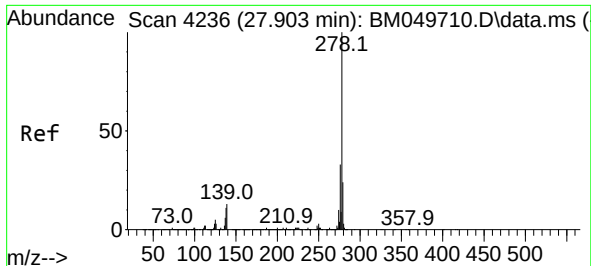
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.5 7.0 10.6





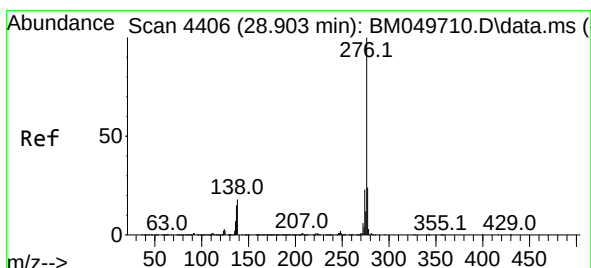
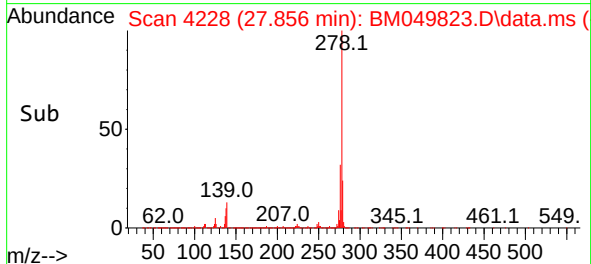
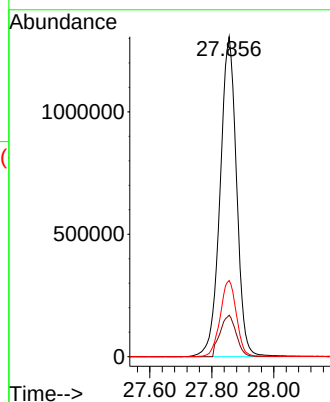
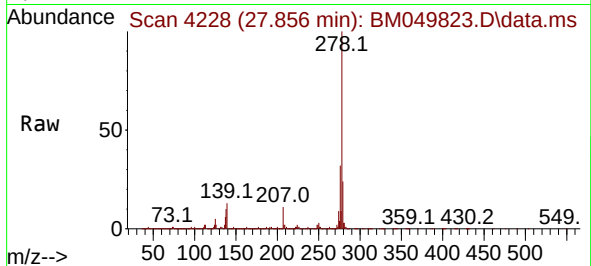
#91
Dibenzo(a,h)anthracene
Concen: 52.060 ng
RT: 27.856 min Scan# 4399
Delta R.T. -0.047 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Instrument :
BNA_M
ClientSampleId :
TP-18MSD

Tgt Ion:278 Resp: 4835039
Ion Ratio Lower Upper
278 100
139 13.0 10.1 15.1
279 23.8 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#92
Benzo(g,h,i)perylene
Concen: 49.559 ng
RT: 28.862 min Scan# 4399
Delta R.T. -0.042 min
Lab File: BM049823.D
Acq: 04 Apr 2025 14:43

Tgt Ion:276 Resp: 4636283
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 18.0 14.0 21.0

