

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049782.D
 Acq On : 01 Apr 2025 20:04
 Operator : RC/JU
 Sample : Q1671-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 01:04:26 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	7.792	152	376561	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1322644	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	786815	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1309416	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	1095692	20.000	ng	-0.02
86) Perylene-d12	24.409	264	950115	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3404870	152.568	ng	0.00
7) Phenol-d6	6.969	99	4110682	146.775	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2662266	103.343	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	1617100	176.008	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	6529019	103.923	ng	-0.01
79) Terphenyl-d14	19.797	244	7693067	118.316	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	386392	39.995	ng	# 46
3) Pyridine	3.687	79	761732	30.873	ng	99
4) n-Nitrosodimethylamine	3.587	42	503907	46.158	ng	94
6) Aniline	7.122	93	573131	24.426	ng	98
8) 2-Chlorophenol	7.363	128	1139171	51.546	ng	100
9) Benzaldehyde	6.934	77	636167	45.948	ng	99
10) Phenol	6.998	94	1378518	50.762	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1121998	51.021	ng	97
12) 1,3-Dichlorobenzene	7.686	146	1187648	44.220	ng	99
13) 1,4-Dichlorobenzene	7.828	146	1207095	44.551	ng	99
14) 1,2-Dichlorobenzene	8.145	146	1176837	45.702	ng	99
15) Benzyl Alcohol	8.033	79	974074	55.422	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1404654	54.346	ng	98
17) 2-Methylphenol	8.239	107	907628	56.295	ng	99
18) Hexachloroethane	8.875	117	433472	45.303	ng	95
19) n-Nitroso-di-n-propyla...	8.604	70	918978	56.588	ng	98
20) 3+4-Methylphenols	8.569	107	1220585	56.492	ng	99
22) Acetophenone	8.616	105	1723033	50.524	ng	# 99
24) Nitrobenzene	8.992	77	1247376	51.351	ng	99
25) Isophorone	9.522	82	2278219	57.599	ng	98
26) 2-Nitrophenol	9.704	139	546662	52.874	ng	99
27) 2,4-Dimethylphenol	9.769	122	1010484	76.783	ng	99
28) bis(2-Chloroethoxy)met...	10.004	93	1456980	52.300	ng	99
29) 2,4-Dichlorophenol	10.239	162	1139512	53.139	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	1262702	47.063	ng	99
31) Naphthalene	10.639	128	3206474	47.146	ng	100
32) Benzoic acid	9.910	122	466642	41.693	ng	95
33) 4-Chloroaniline	10.745	127	401532	17.299	ng	98
34) Hexachlorobutadiene	10.933	225	773749	46.716	ng	99
35) Caprolactam	11.533	113	193083	38.782	ng	96
36) 4-Chloro-3-methylphenol	11.880	107	984536	53.499	ng	100
37) 2-Methylnaphthalene	12.251	142	2184064	45.926	ng	99
38) 1-Methylnaphthalene	12.474	142	2283611	49.771	ng	99
40) 1,2,4,5-Tetrachloroben...	12.621	216	1600688	55.385	ng	98
41) Hexachlorocyclopentadiene	12.610	237	2208599	206.276	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	909324	56.177	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	974056	55.144	ng	99
46) 1,1'-Biphenyl	13.268	154	3148538	51.921	ng	100
47) 2-Chloronaphthalene	13.310	162	2450240	51.911	ng	99
48) 2-Nitroaniline	13.510	65	599500	56.578	ng	99
49) Acenaphthylene	14.157	152	3727940	56.504	ng	99
50) Dimethylphthalate	13.898	163	2767804	51.093	ng	100
51) 2,6-Dinitrotoluene	14.004	165	567326	52.267	ng	97
52) Acenaphthene	14.498	154	2301726	53.187	ng	100
53) 3-Nitroaniline	14.333	138	345848	33.483	ng	97
54) 2,4-Dinitrophenol	14.539	184	503084	75.032	ng	98
55) Dibenzofuran	14.833	168	3588348	49.761	ng	100
56) 4-Nitrophenol	14.651	139	904589	100.610	ng	98
57) 2,4-Dinitrotoluene	14.792	165	755343	54.080	ng	96
58) Fluorene	15.480	166	3192292	54.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.062	232	769394	52.036	ng	99
60) Diethylphthalate	15.262	149	2543804	49.859	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	1728157	53.903	ng	98
62) 4-Nitroaniline	15.498	138	488467	40.393	ng	99
63) Azobenzene	15.768	77	2495628	51.210	ng	98
65) 4,6-Dinitro-2-methylph...	15.557	198	347045	48.637	ng	94
66) n-Nitrosodiphenylamine	15.692	169	2314154	58.331	ng	99
67) 4-Bromophenyl-phenylether	16.368	248	883181	58.419	ng	98
68) Hexachlorobenzene	16.486	284	966693	56.862	ng	99
69) Atrazine	16.645	200	739926	84.629	ng	99
70) Pentachlorophenol	16.827	266	1289162	120.667	ng	98
71) Phenanthrene	17.215	178	4145589	57.016	ng	100
72) Anthracene	17.309	178	4077905	57.913	ng	100
73) Carbazole	17.574	167	3511535	55.065	ng	100
74) Di-n-butylphthalate	18.145	149	3804877	54.437	ng	99
75) Fluoranthene	19.233	202	4313639	51.531	ng	100
77) Benzidine	19.415	184	18841m	1.431	ng	
78) Pyrene	19.592	202	4406837	57.567	ng	100
80) Butylbenzylphthalate	20.491	149	1381488	58.151	ng	94
81) Benzo(a)anthracene	21.391	228	4072699	55.649	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	965784	40.533	ng	99
83) Chrysene	21.456	228	3720203	53.624	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2117077	57.181	ng	99
85) Di-n-octyl phthalate	22.456	149	2996425	52.071	ng	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	3867148	56.550	ng	99
88) Benzo(b)fluoranthene	23.468	252	3491101	54.554	ng	99
89) Benzo(k)fluoranthene	23.527	252	3517090	55.854	ng	99
90) Benzo(a)pyrene	24.274	252	3210222	59.723	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	3200147	56.167	ng	100
92) Benzo(g,h,i)perylene	28.856	276	3050265	53.150	ng	100

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

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BNA_M

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WC-1MSD

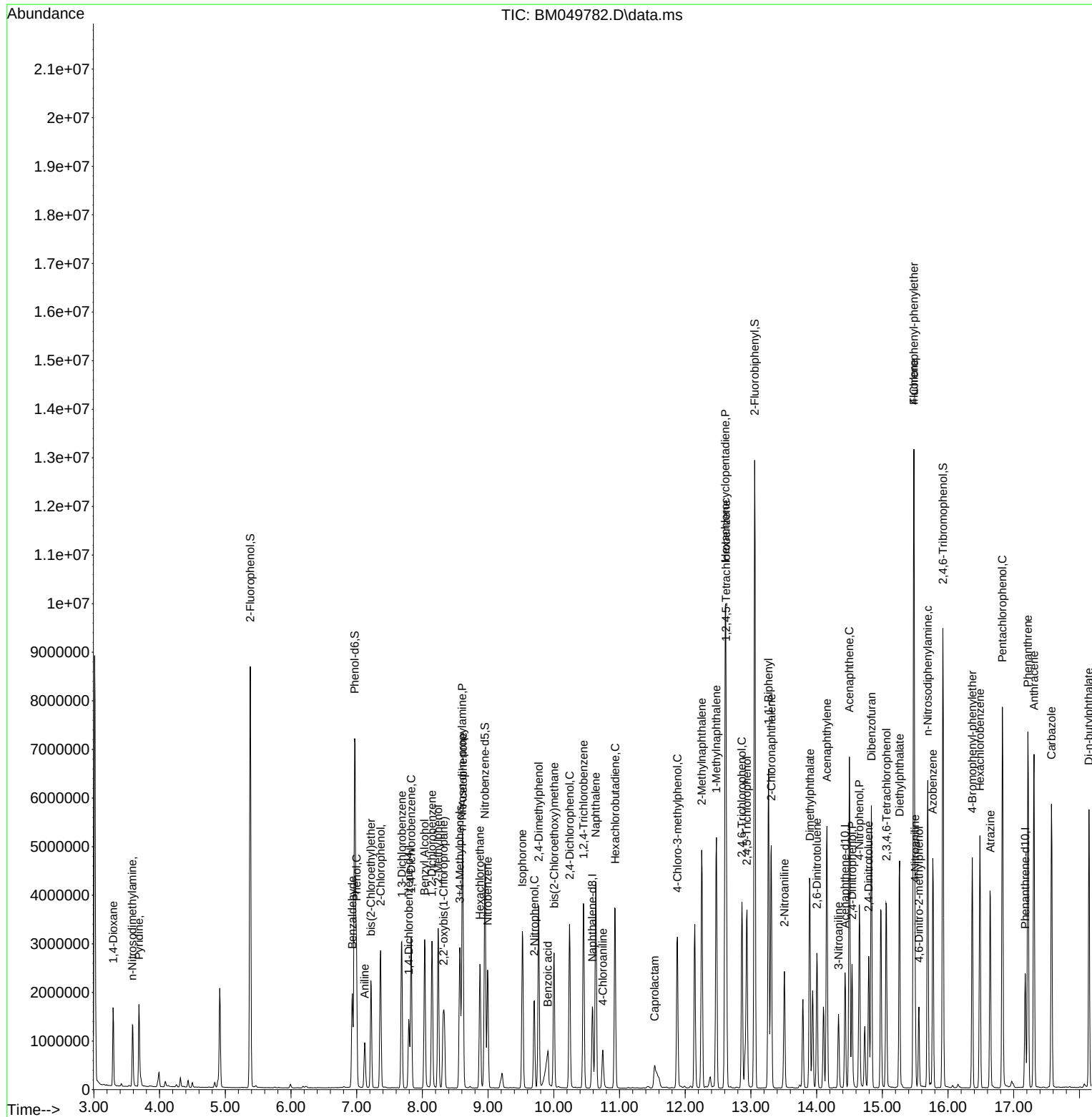
Manual Integrations

APPROVED

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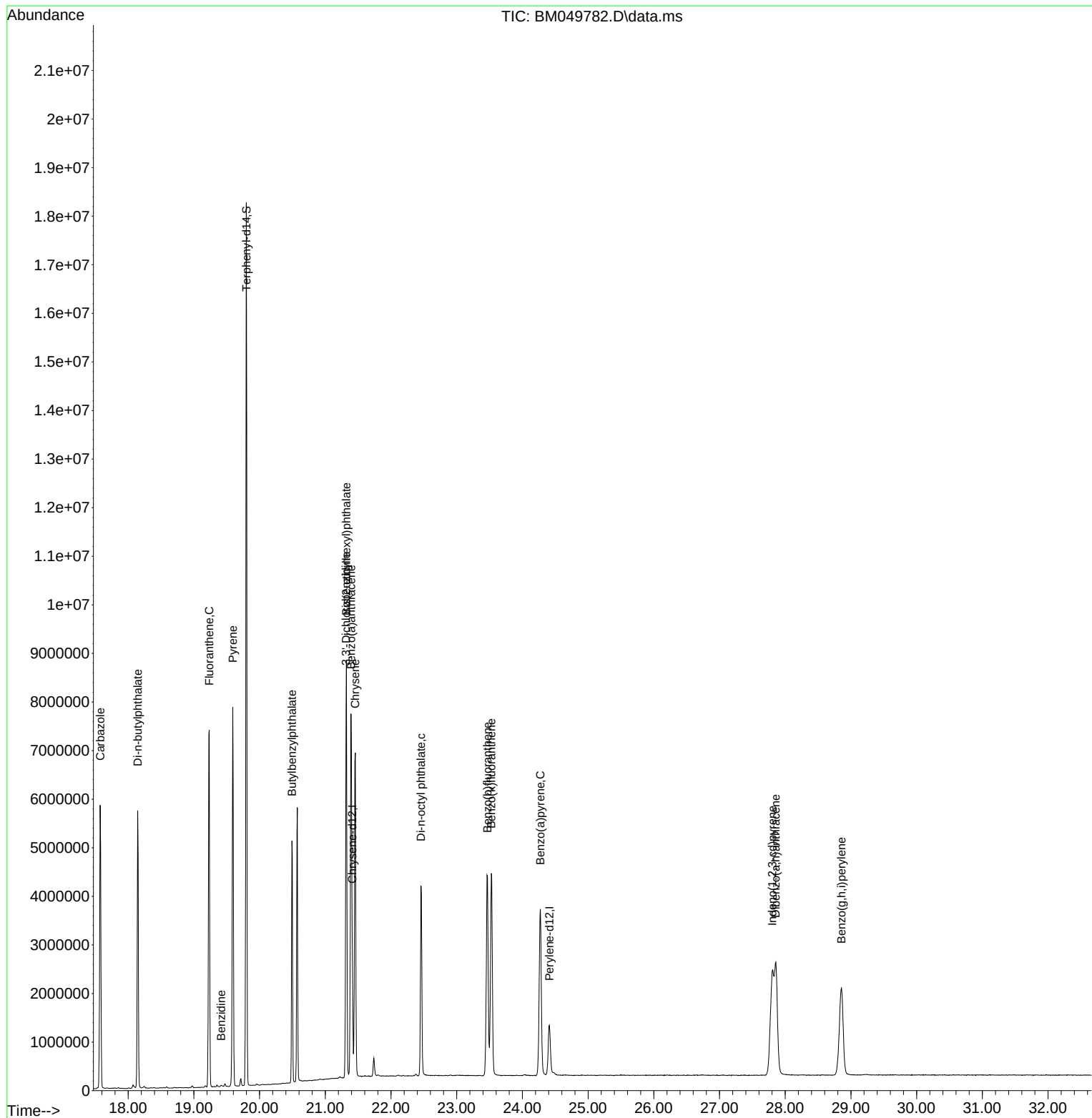
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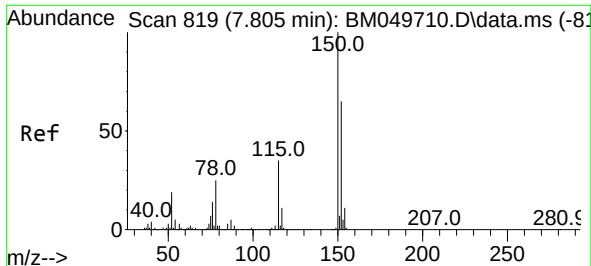
Instrument :
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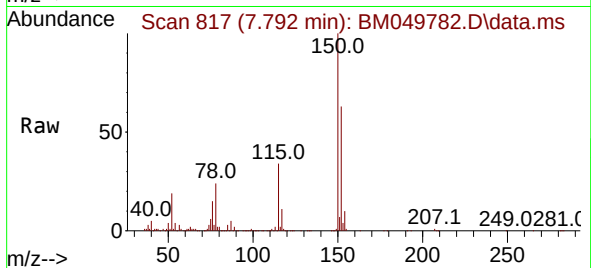
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.013 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

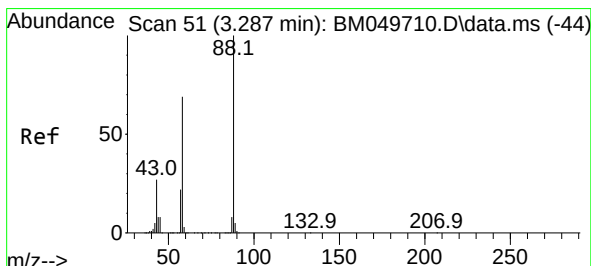
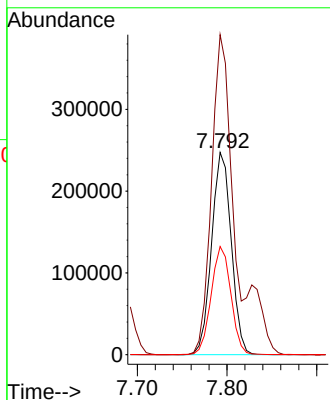
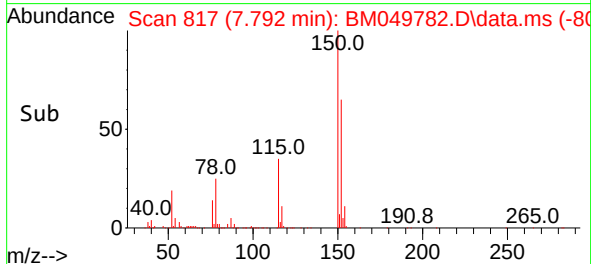
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:152 Resp: 37656
Ion Ratio Lower Upper
152 100
150 158.3 123.8 185.8
115 53.5 43.0 64.6

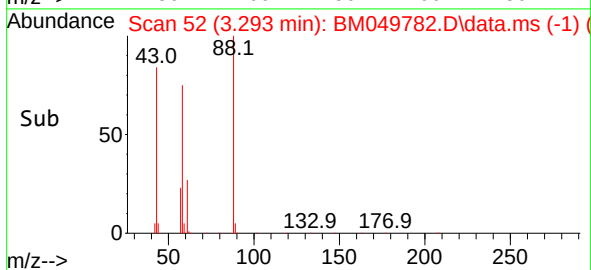
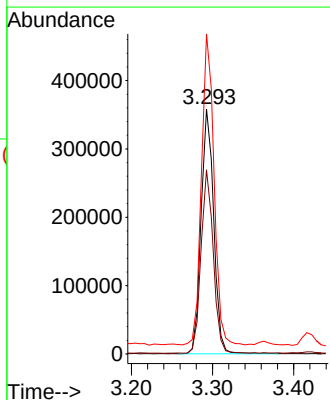
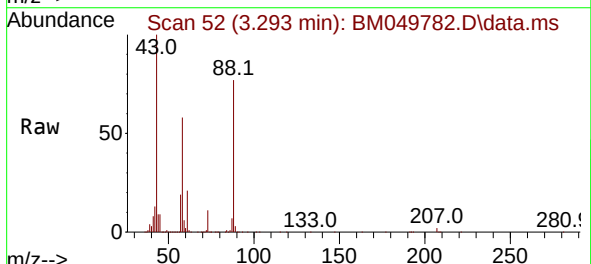
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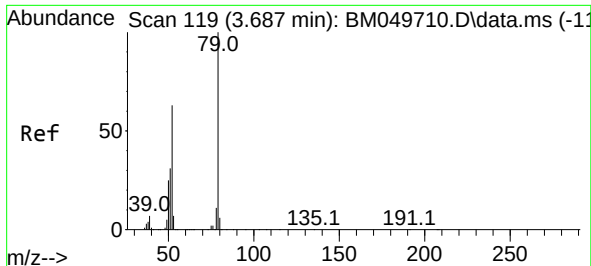
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#2
1,4-Dioxane
Concen: 39.995 ng
RT: 3.293 min Scan# 52
Delta R.T. 0.005 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

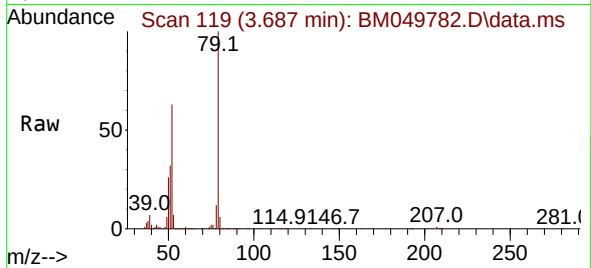
Tgt Ion: 88 Resp: 386392
Ion Ratio Lower Upper
88 100
58 72.7 56.7 85.1
43 125.7 22.6 34.0#





#3
Pyridine
Concen: 30.873 ng
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

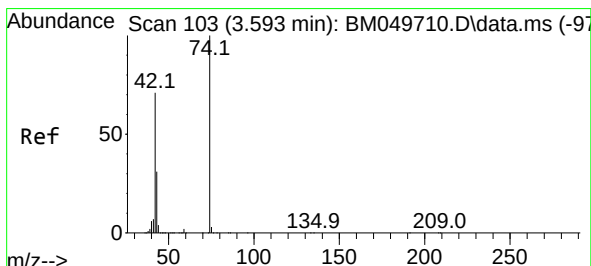
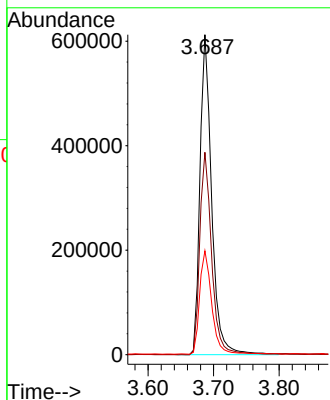
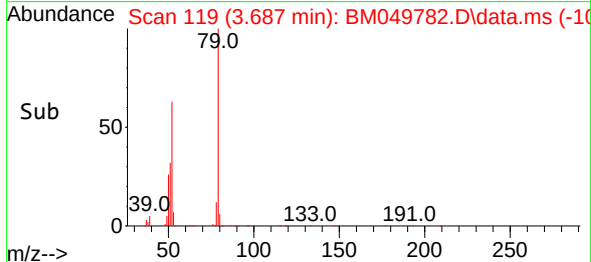
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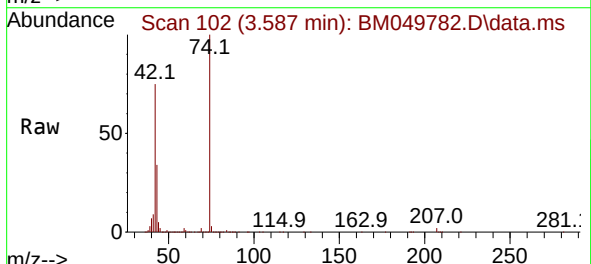
Tgt Ion: 79 Resp: 761732
Ion Ratio Lower Upper
79 100
52 63.3 50.1 75.1
51 32.5 25.2 37.8

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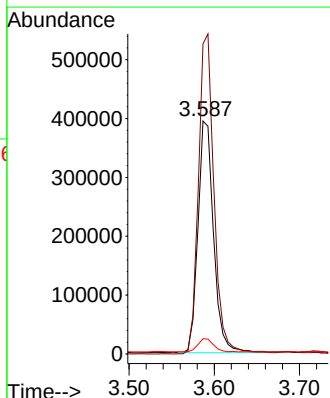
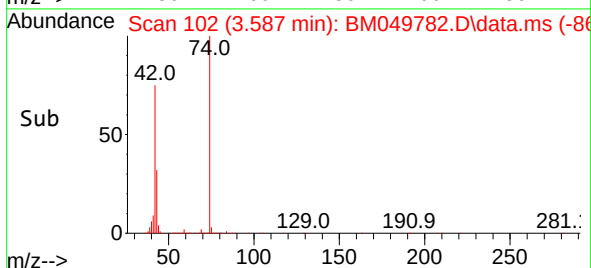
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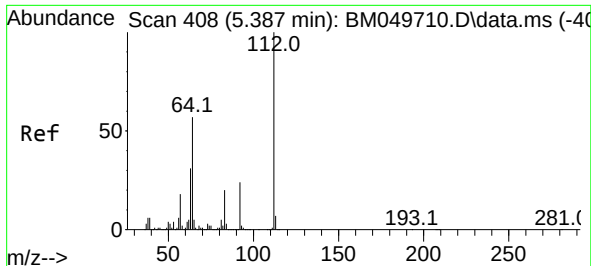


#4
n-Nitrosodimethylamine
Concen: 46.158 ng
RT: 3.587 min Scan# 102
Delta R.T. -0.006 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



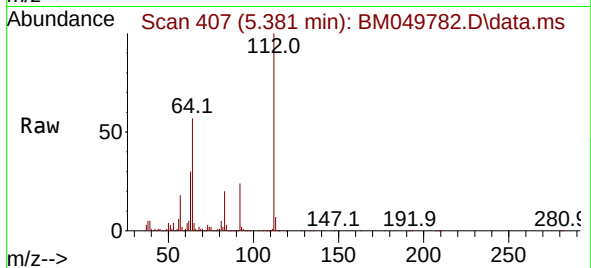
Tgt Ion: 42 Resp: 503907
Ion Ratio Lower Upper
42 100
74 133.1 112.6 168.8
44 6.6 5.0 7.6





#5
2-Fluorophenol
Concen: 152.568 ng
RT: 5.381 min Scan# 408
Delta R.T. -0.006 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

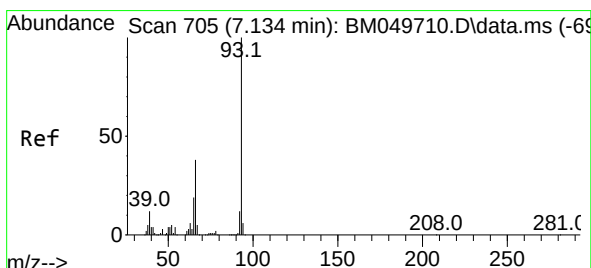
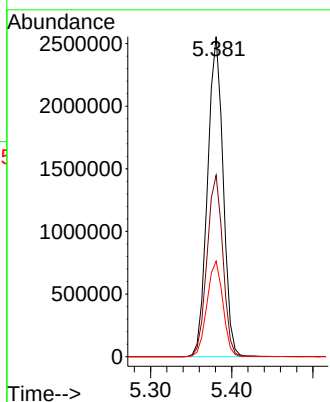
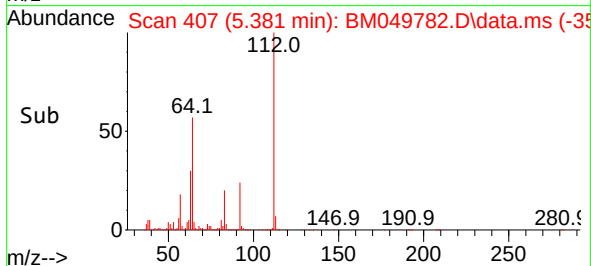
Instrument :
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Tgt Ion: 112 Resp: 3404870
Ion Ratio Lower Upper
112 100
64 56.7 45.3 67.9
63 29.8 24.4 36.6

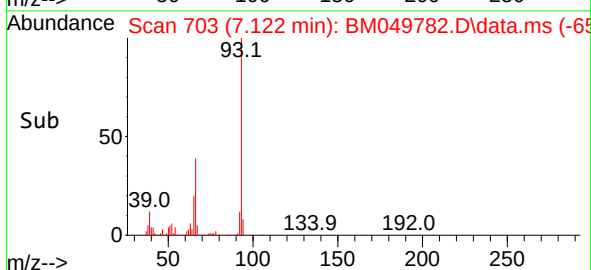
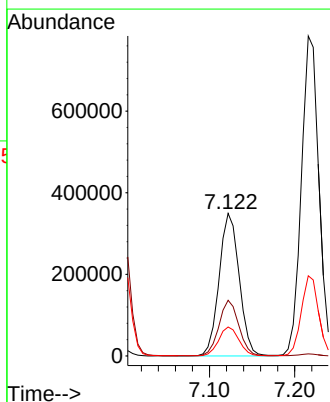
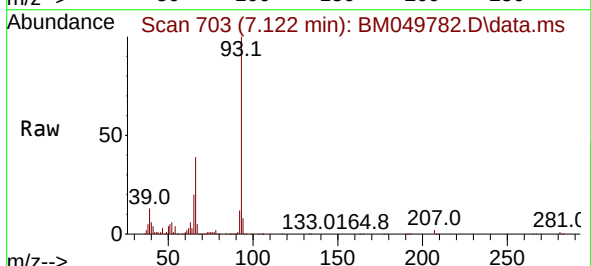
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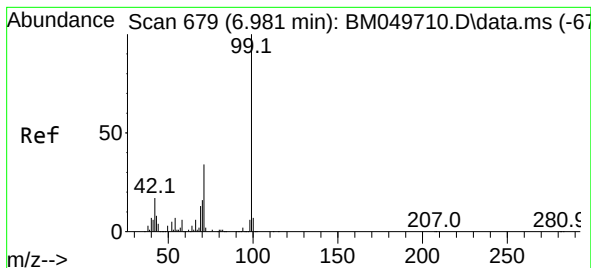
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#6
Aniline
Concen: 24.426 ng
RT: 7.122 min Scan# 703
Delta R.T. -0.012 min
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Tgt Ion: 93 Resp: 573131
Ion Ratio Lower Upper
93 100
66 39.1 30.6 46.0
65 20.3 15.4 23.2





#7

Phenol-d6

Concen: 146.775 ng

RT: 6.969 min Scan# 61

Delta R.T. -0.012 min

Lab File: BM049782.D

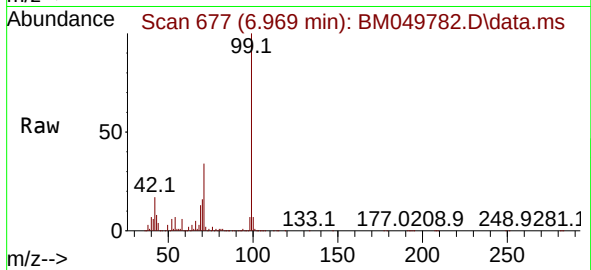
Acq: 01 Apr 2025 20:04

Instrument :

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ClientSampleId :

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Tgt Ion: 99 Resp: 411068

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

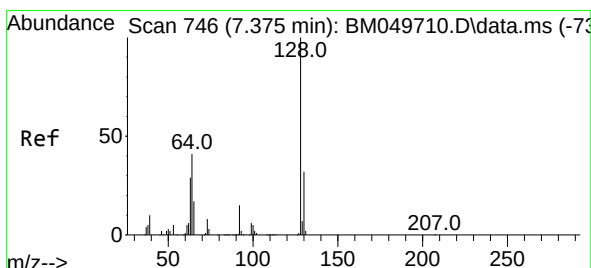
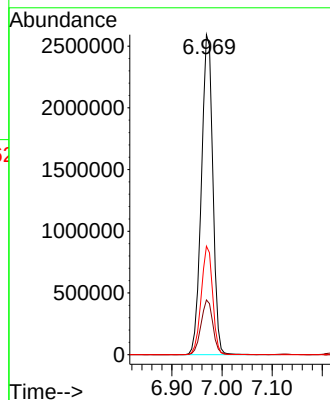
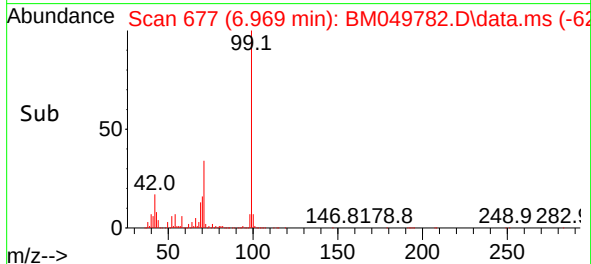
71 33.9 27.0 40.6

Manual Integrations

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#8

2-Chlorophenol

Concen: 51.546 ng

RT: 7.363 min Scan# 744

Delta R.T. -0.012 min

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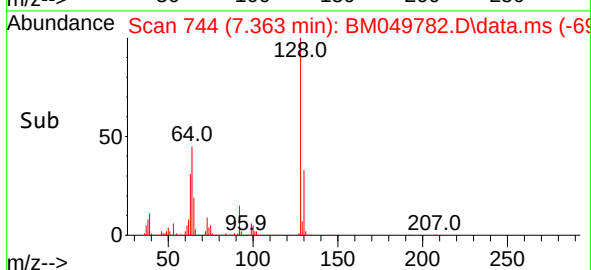
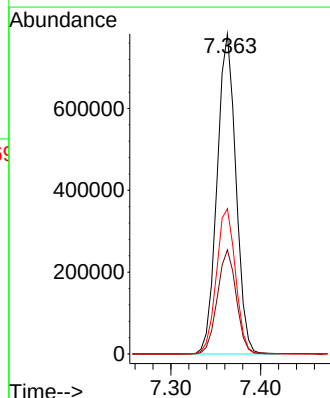
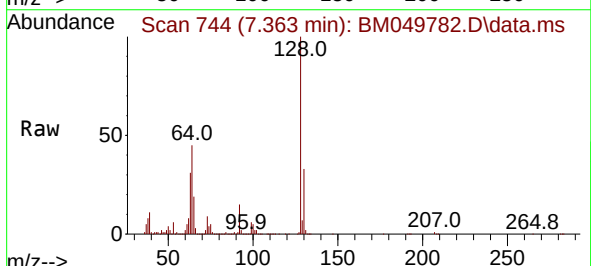
Tgt Ion:128 Resp: 1139171

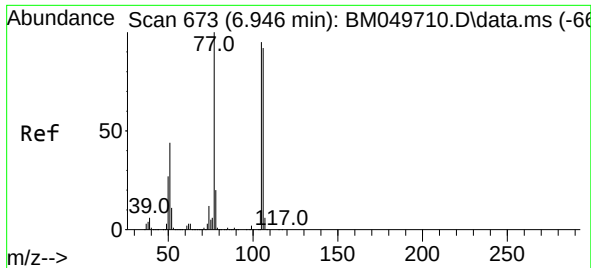
Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

64 45.4 24.9 64.9





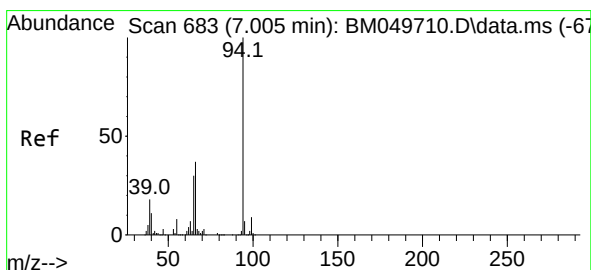
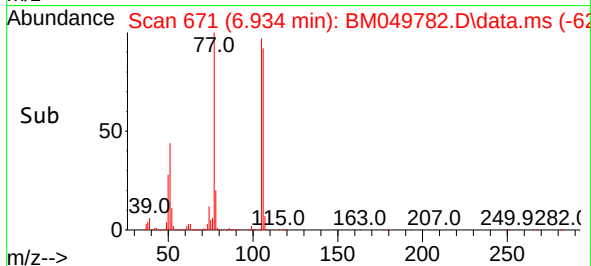
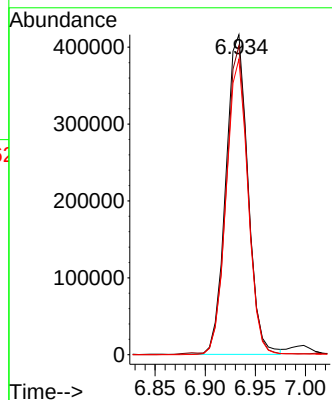
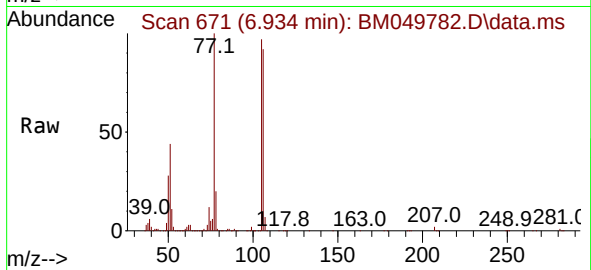
#9
Benzaldehyde
Concen: 45.948 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Instrument :
BNA_M
ClientSampleId :
WC-1MSD

Tgt Ion: 77 Resp: 63616
Ion Ratio Lower Upper
77 100
105 96.5 75.0 115.0
106 92.4 72.3 112.3

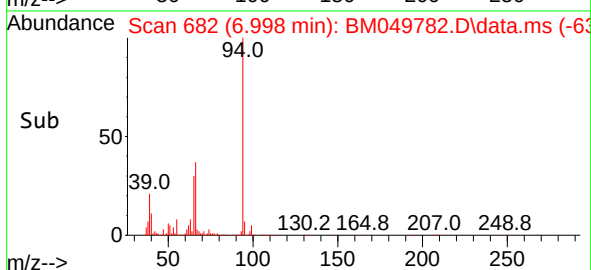
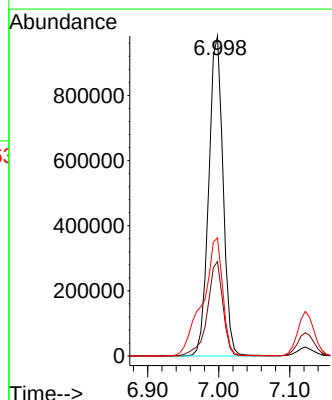
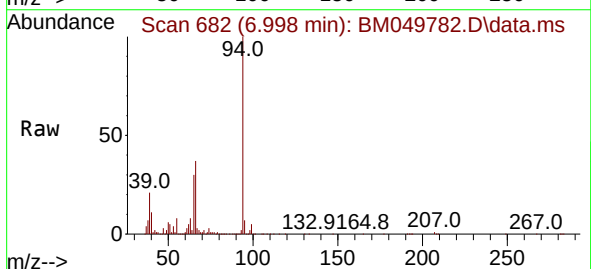
Manual Integrations
APPROVED

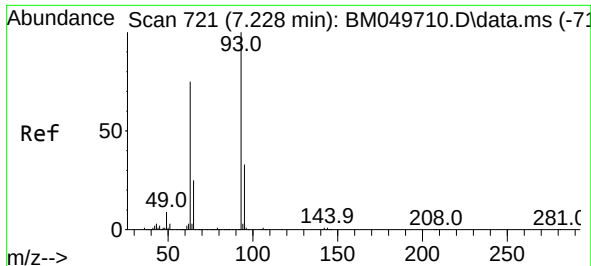
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#10
Phenol
Concen: 50.762 ng
RT: 6.998 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

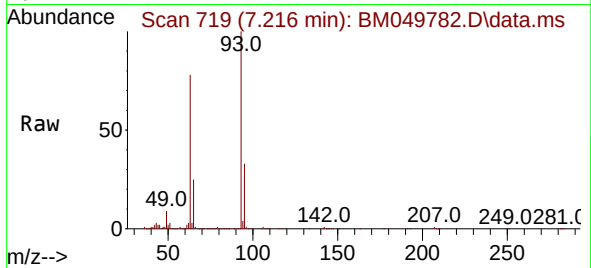
Tgt Ion: 94 Resp: 1378518
Ion Ratio Lower Upper
94 100
65 29.5 10.4 50.4
66 36.9 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 51.021 ng
RT: 7.216 min Scan# 719
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

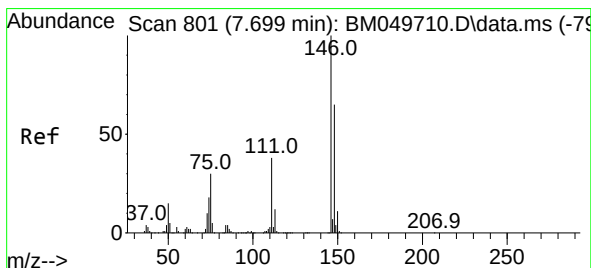
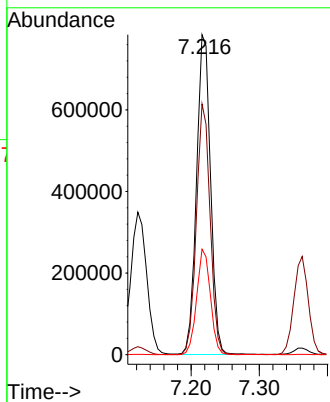
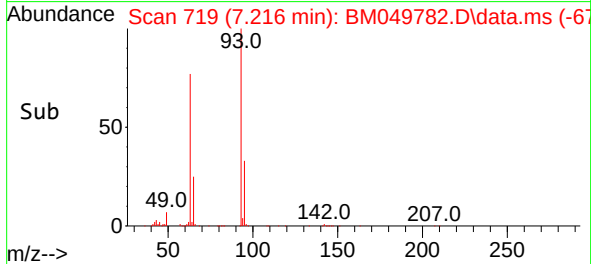
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion: 93 Resp: 1121998
Ion Ratio Lower Upper
93 100
63 78.3 54.8 94.8
95 32.9 12.8 52.8

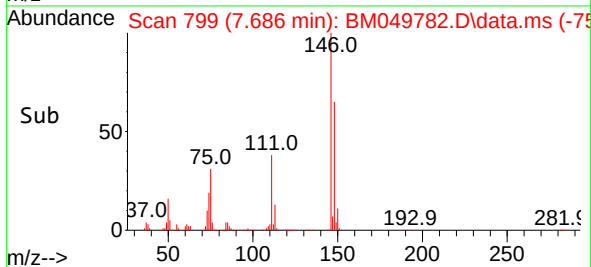
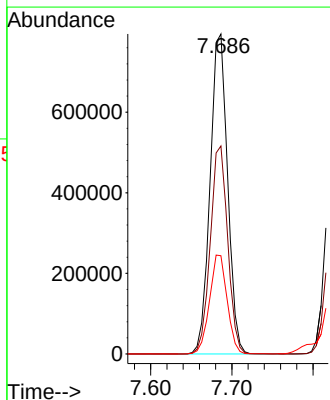
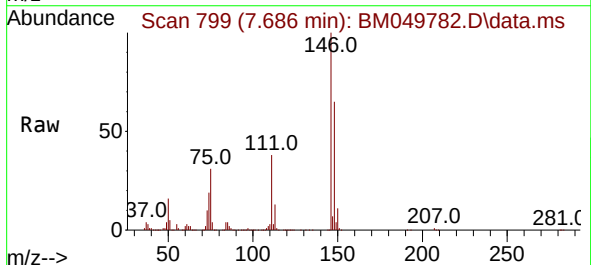
Manual Integrations
APPROVED

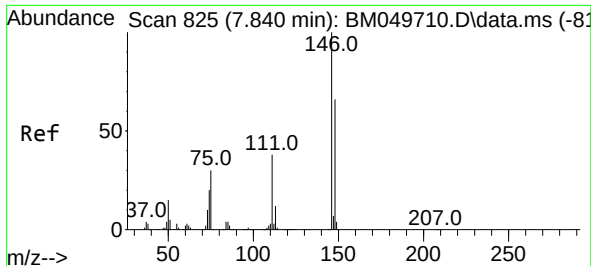
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#12
1,3-Dichlorobenzene
Concen: 44.220 ng
RT: 7.686 min Scan# 799
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Tgt Ion:146 Resp: 1187648
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
75 30.7 24.2 36.2





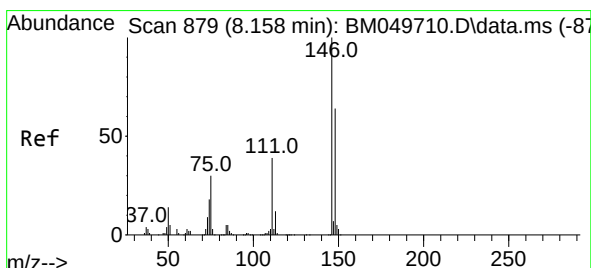
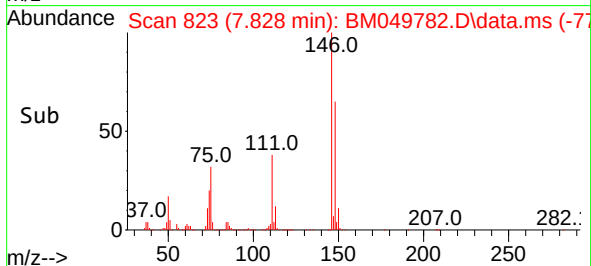
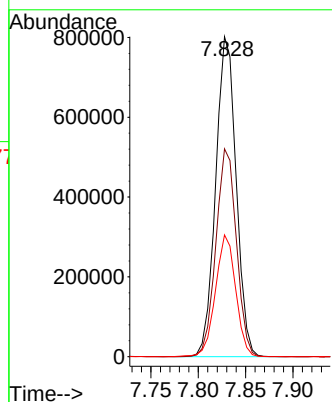
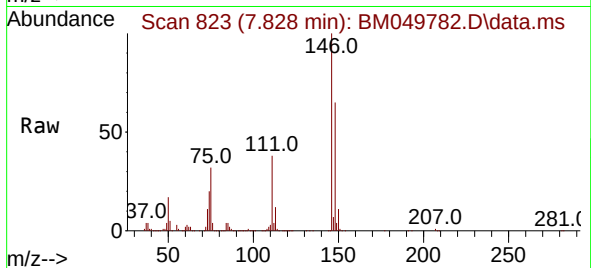
#13
1,4-Dichlorobenzene
Concen: 44.551 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Instrument :
BNA_M
ClientSampleId :
WC-1MSD

Tgt Ion:146 Resp: 120709
Ion Ratio Lower Upper
146 100
148 65.0 52.6 79.0
111 38.0 30.8 46.2

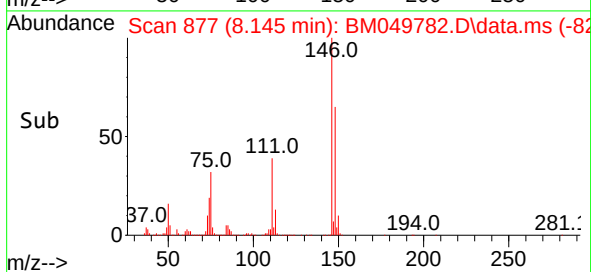
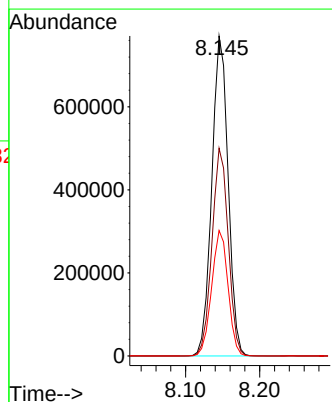
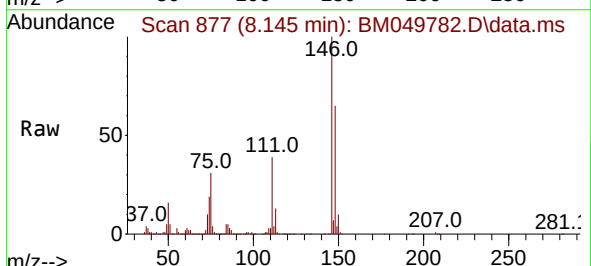
Manual Integrations
APPROVED

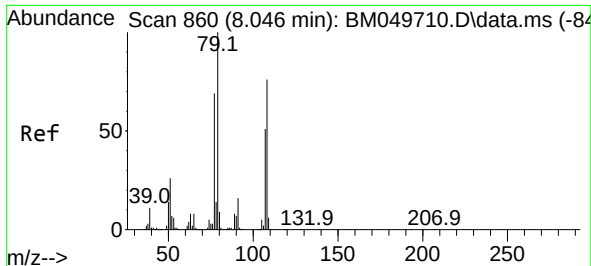
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#14
1,2-Dichlorobenzene
Concen: 45.702 ng
RT: 8.145 min Scan# 877
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

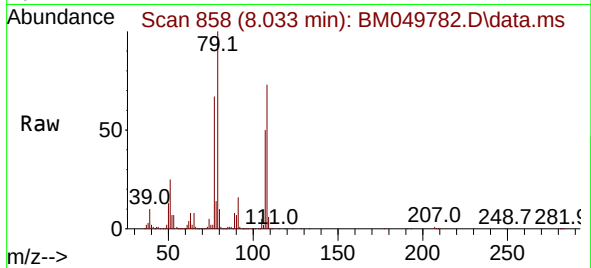
Tgt Ion:146 Resp: 1176837
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
111 39.2 31.0 46.6





#15
Benzyl Alcohol
Concen: 55.422 ng
RT: 8.033 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

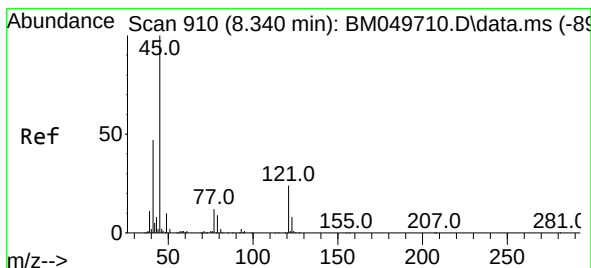
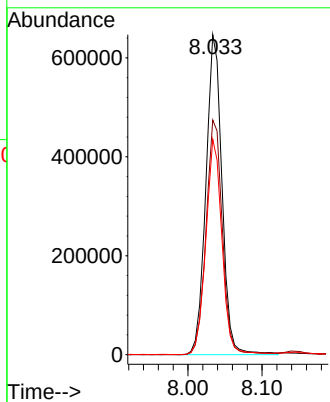
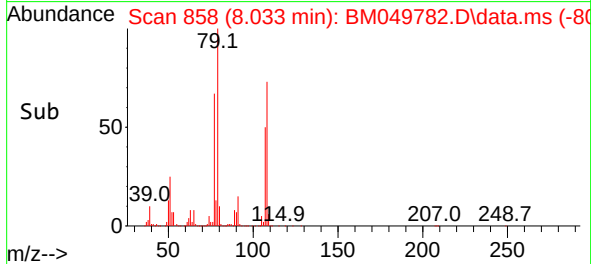
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



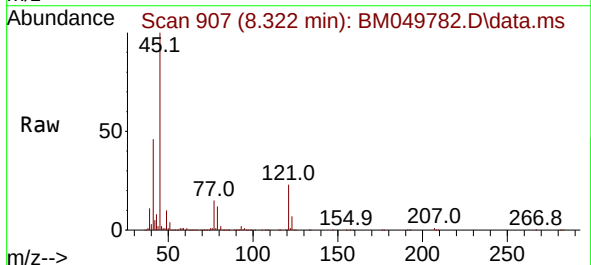
Tgt Ion: 79 Resp: 974074
Ion Ratio Lower Upper
79 100
108 73.4 60.7 91.1
77 67.3 55.4 83.2

Manual Integrations
APPROVED

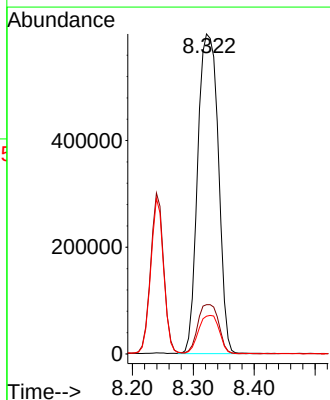
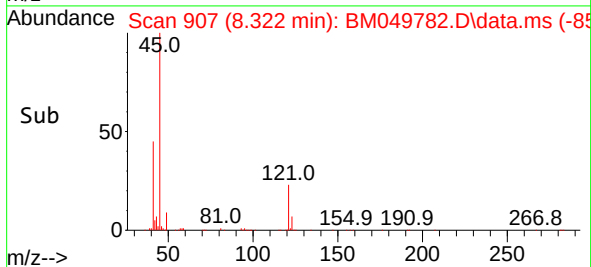
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

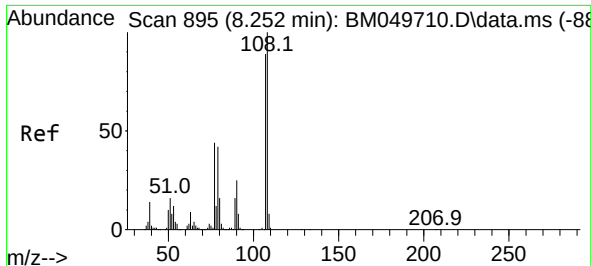


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.346 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.018 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



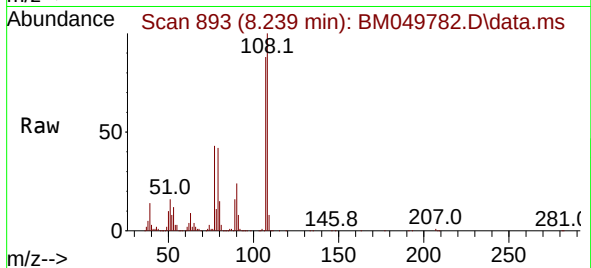
Tgt Ion: 45 Resp: 1404654
Ion Ratio Lower Upper
45 100
77 15.4 0.0 36.1
79 11.8 0.0 32.8





#17
2-Methylphenol
Concen: 56.295 ng
RT: 8.239 min Scan# 895
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Instrument :
BNA_M
ClientSampleId :
WC-1MSD

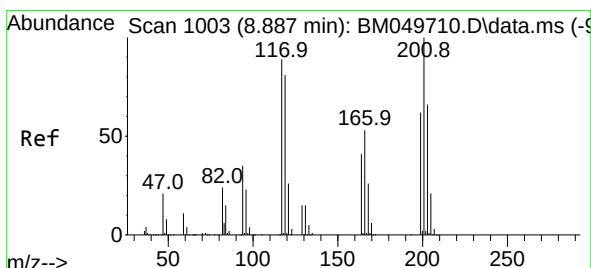
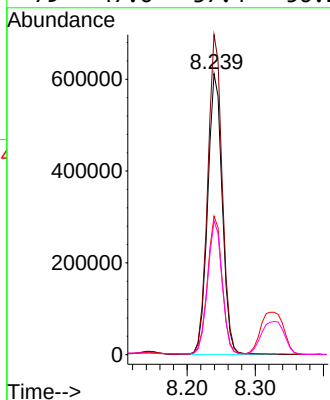
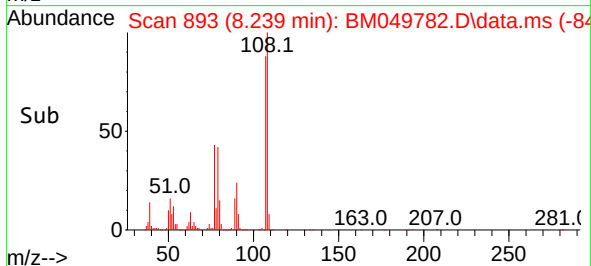


Tgt Ion:107 Resp: 907628

Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.6	134.4
77	49.3	39.8	59.6
79	47.6	37.4	56.2

Manual Integrations
APPROVED

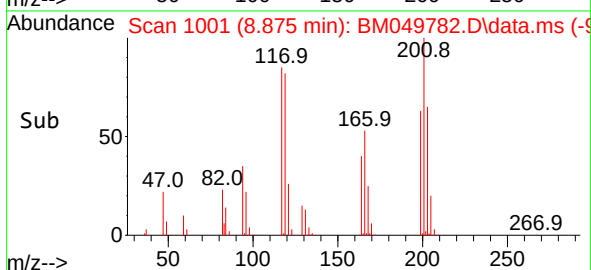
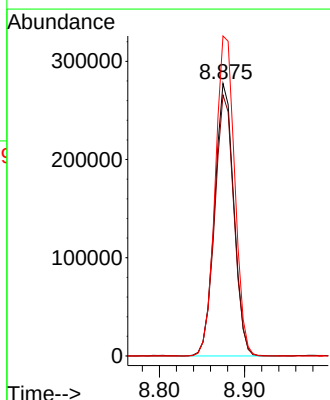
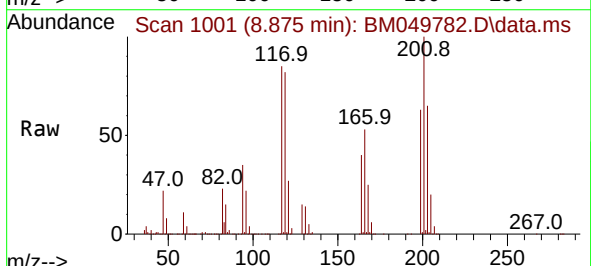
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

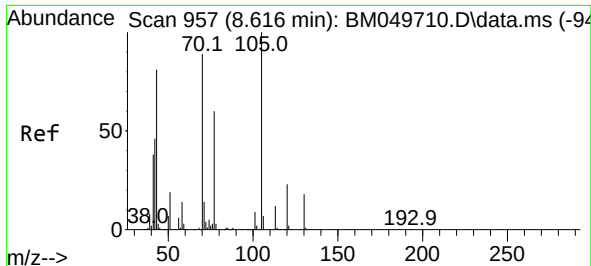


#18
Hexachloroethane
Concen: 45.303 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Tgt Ion:117 Resp: 433472

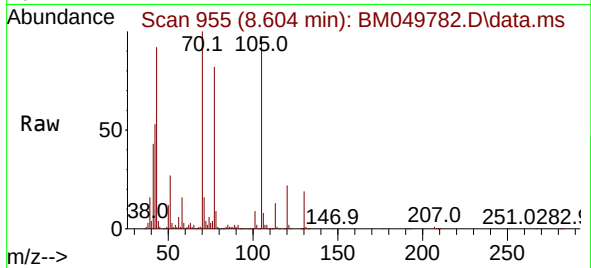
Ion	Ratio	Lower	Upper
117	100		
119	95.8	73.1	109.7
201	117.4	90.0	135.0





#19
n-Nitroso-di-n-propylamine
Concen: 56.588 ng
RT: 8.604 min Scan# 918
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

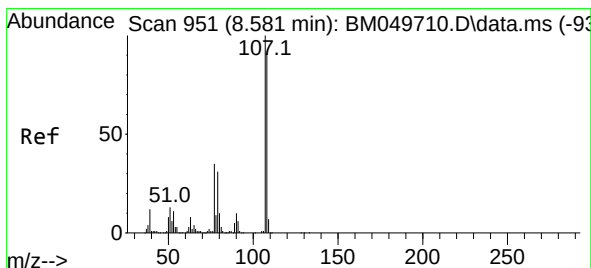
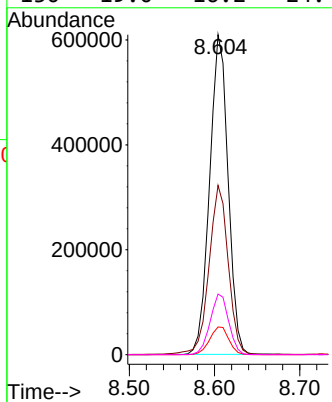
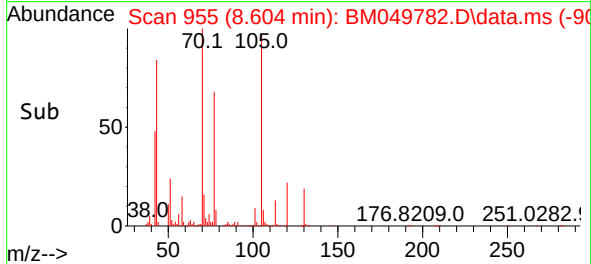
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion: 70 Resp: 918978
Ion Ratio Lower Upper
70 100
42 52.9 41.8 62.6
101 8.6 7.7 11.5
130 19.0 16.2 24.4

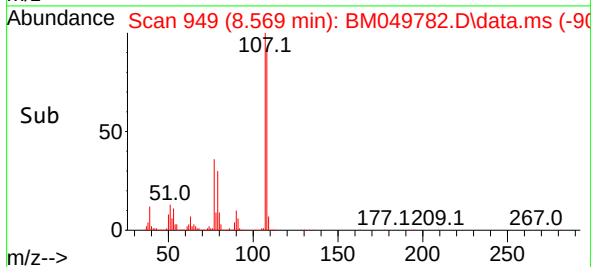
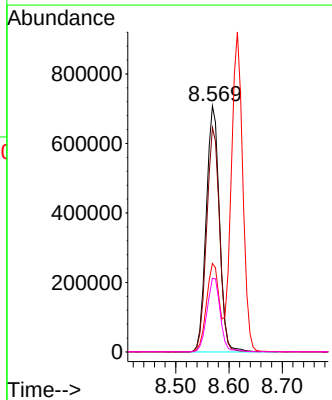
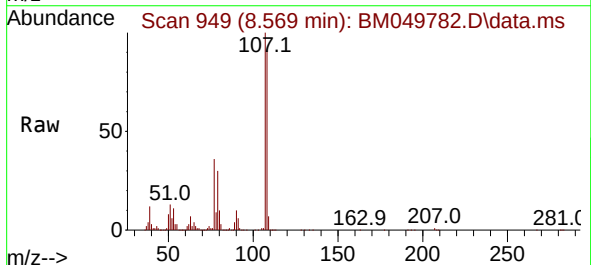
Manual Integrations
APPROVED

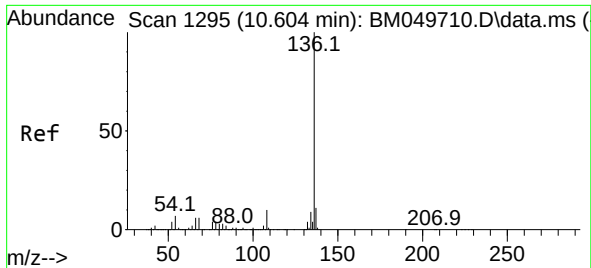
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#20
3+4-Methylphenols
Concen: 56.492 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

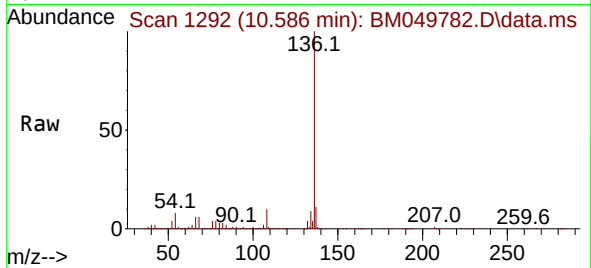
Tgt Ion:107 Resp: 1220585
Ion Ratio Lower Upper
107 100
108 91.2 71.0 111.0
77 36.0 15.1 55.1
79 29.9 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

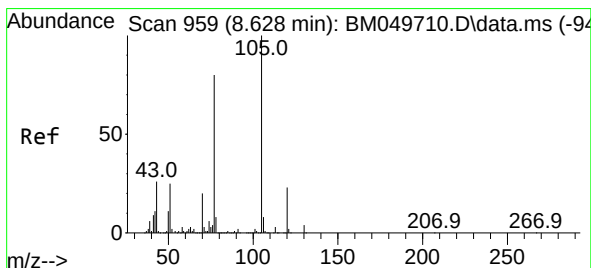
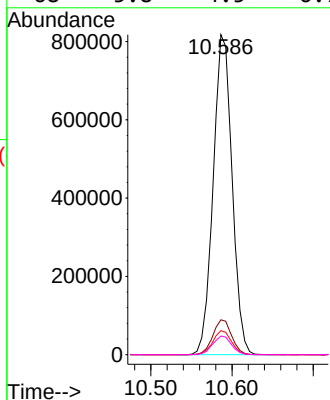
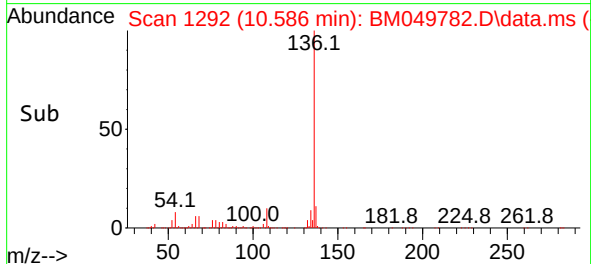
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:136 Resp: 1322644
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.5 5.8 8.8
68 5.8 4.5 6.7

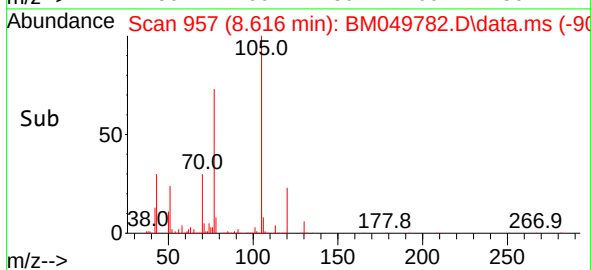
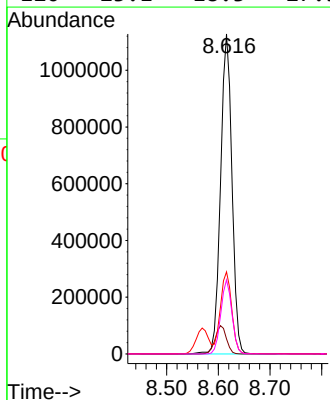
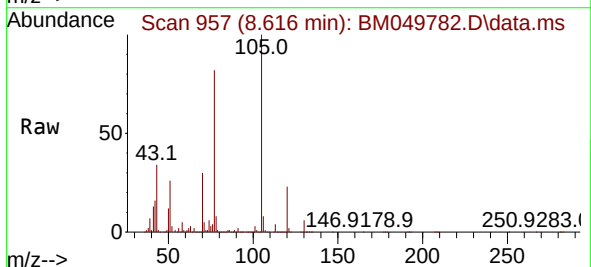
Manual Integrations
APPROVED

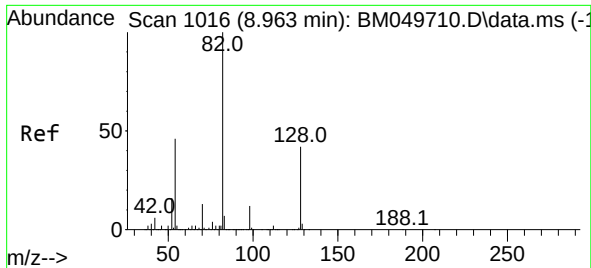
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#22
Acetophenone
Concen: 50.524 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Tgt Ion:105 Resp: 1723033
Ion Ratio Lower Upper
105 100
71 4.7 2.5 3.7#
51 25.7 19.9 29.9
120 23.1 18.3 27.5





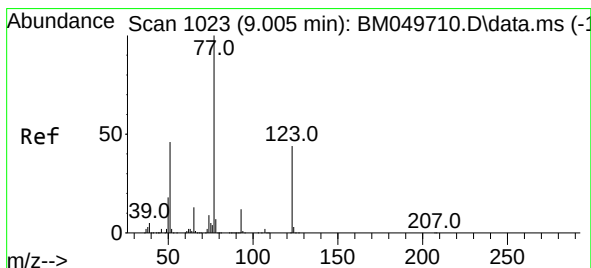
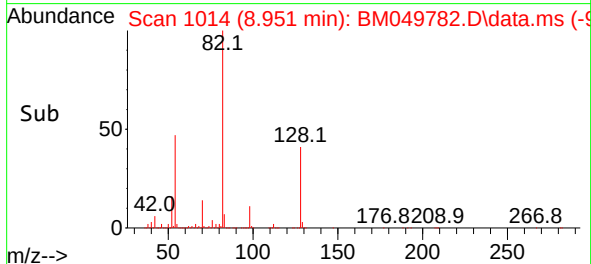
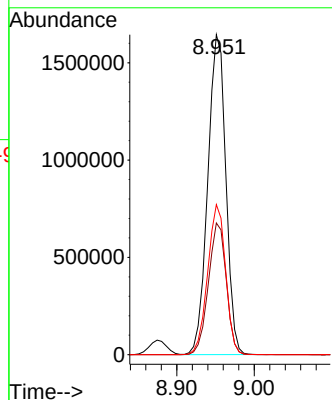
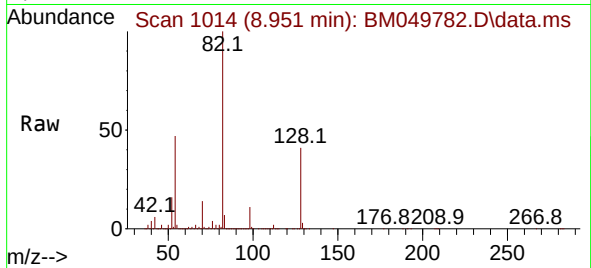
#23
Nitrobenzene-d5
Concen: 103.343 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Instrument :
BNA_M
ClientSampleId :
WC-1MSD

Tgt Ion: 82 Resp: 266226
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.0
54 46.9 36.4 54.6

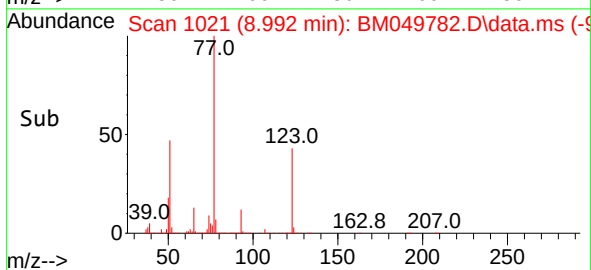
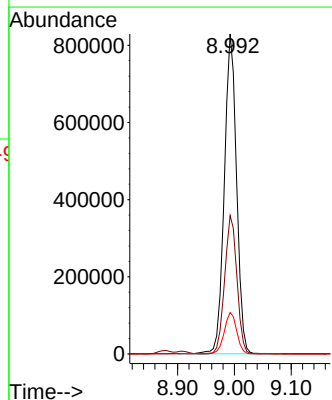
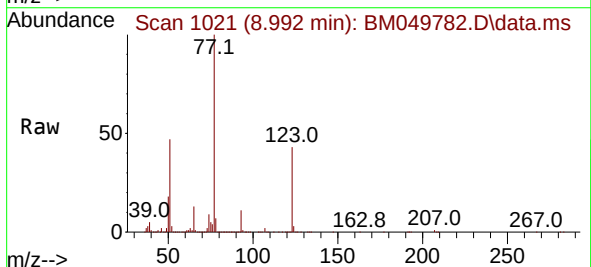
Manual Integrations
APPROVED

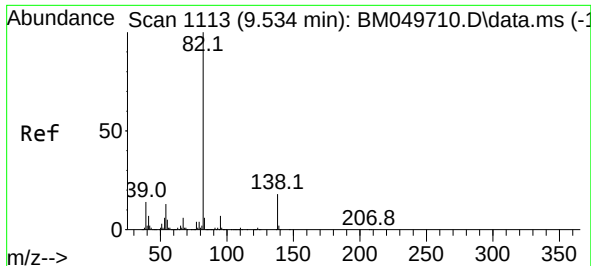
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#24
Nitrobenzene
Concen: 51.351 ng
RT: 8.992 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

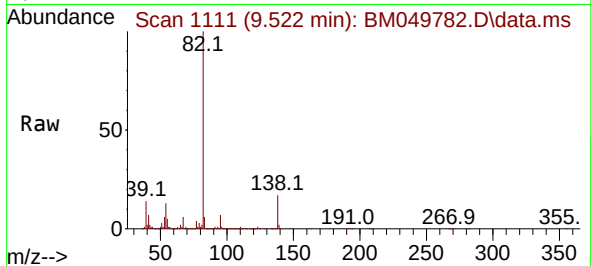
Tgt Ion: 77 Resp: 1247376
Ion Ratio Lower Upper
77 100
123 43.2 34.9 52.3
65 12.9 10.6 15.8





#25
Isophorone
Concen: 57.599 ng
RT: 9.522 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

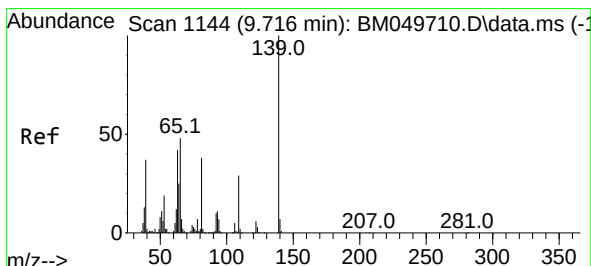
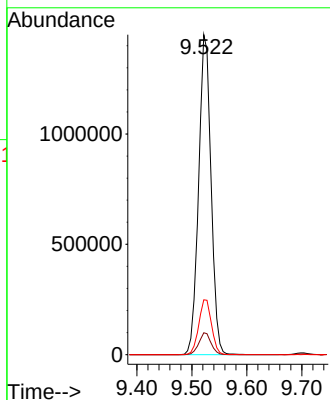
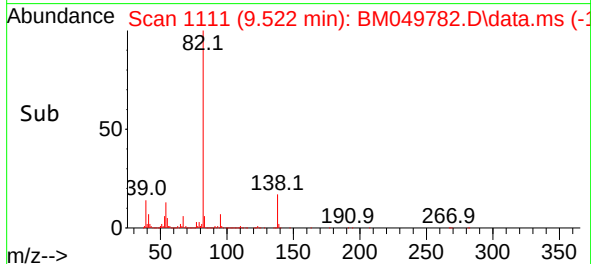
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion: 82 Resp: 2278219
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 17.2 14.4 21.6

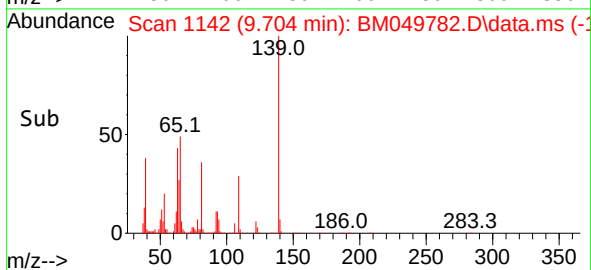
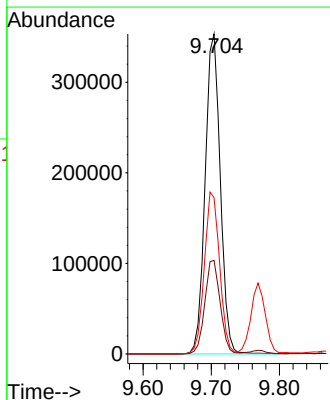
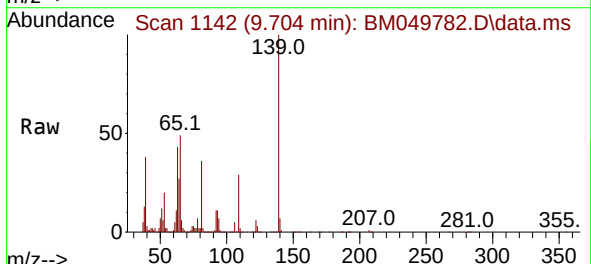
Manual Integrations
APPROVED

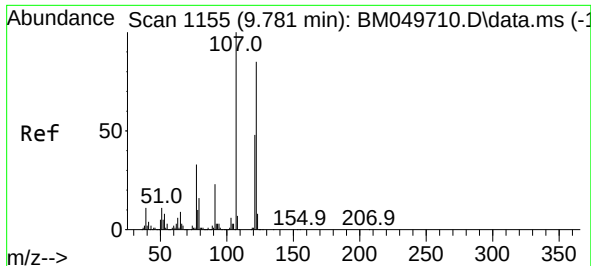
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#26
2-Nitrophenol
Concen: 52.874 ng
RT: 9.704 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

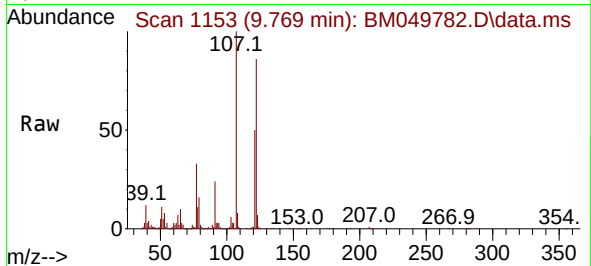
Tgt Ion:139 Resp: 546662
Ion Ratio Lower Upper
139 100
109 29.2 23.3 34.9
65 48.9 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 76.783 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

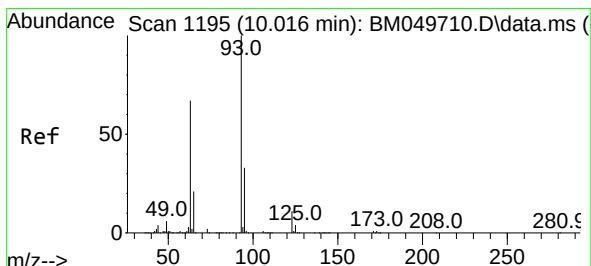
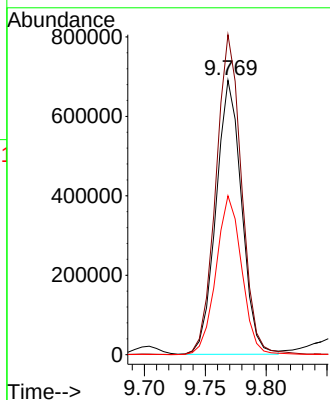
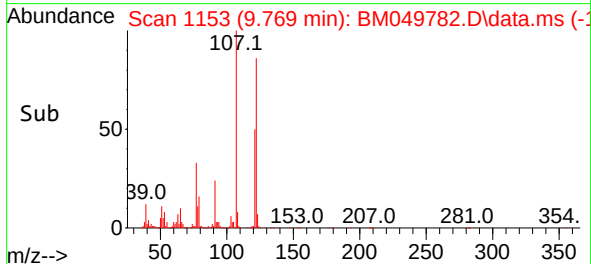
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



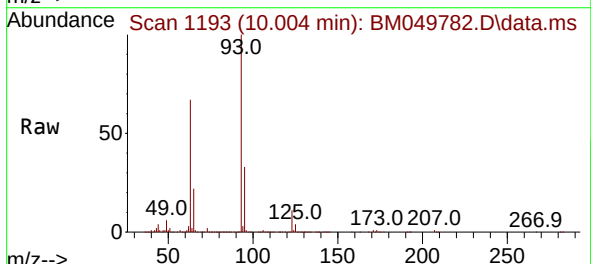
Tgt Ion:122 Resp: 1010484
Ion Ratio Lower Upper
122 100
107 116.6 94.3 141.5
121 57.9 45.4 68.2

Manual Integrations
APPROVED

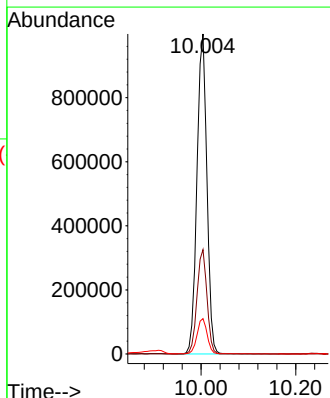
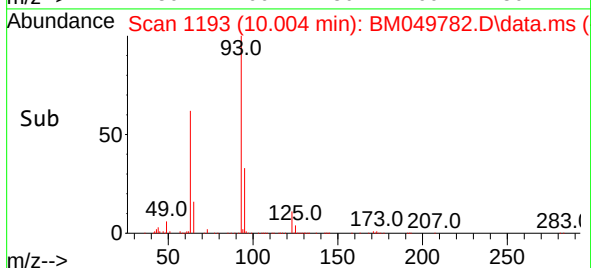
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

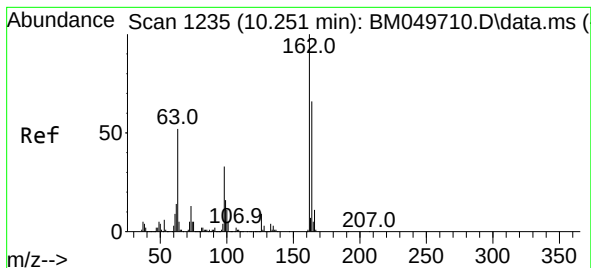


#28
bis(2-Chloroethoxy)methane
Concen: 52.300 ng
RT: 10.004 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



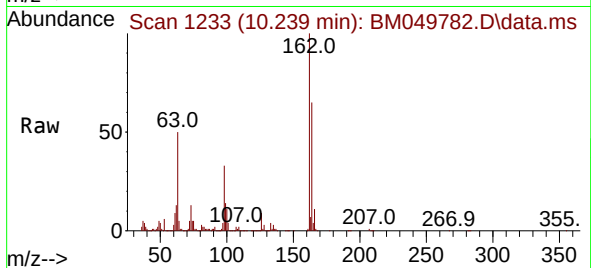
Tgt Ion: 93 Resp: 1456980
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 11.0 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 53.139 ng
RT: 10.239 min Scan# 1233
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

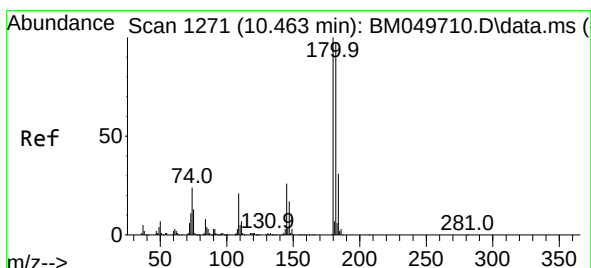
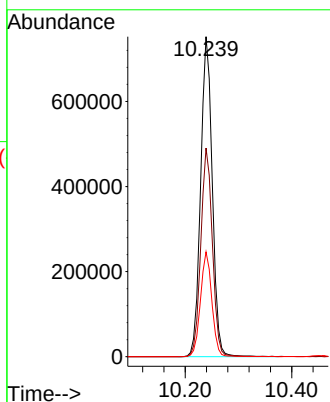
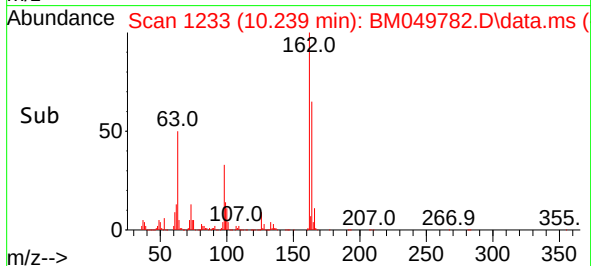
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:162 Resp: 113951
Ion Ratio Lower Upper
162 100
164 65.2 46.3 86.3
98 32.8 12.8 52.8

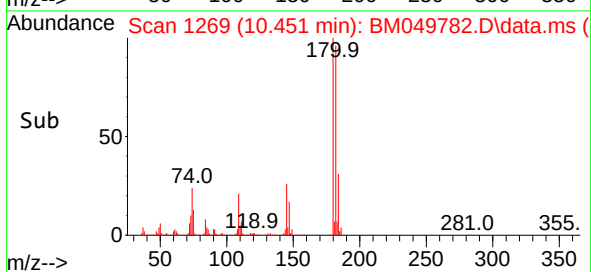
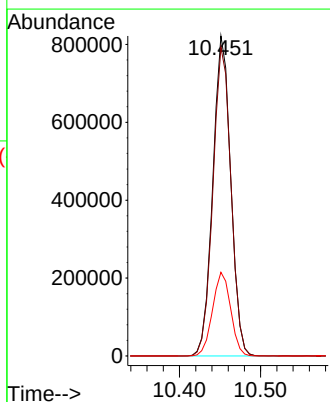
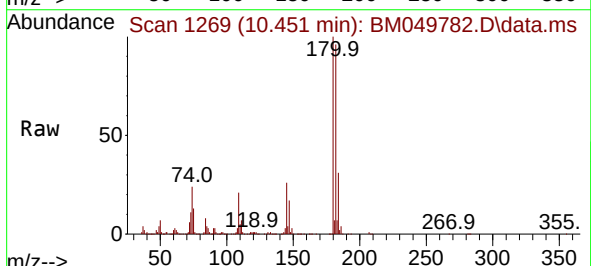
Manual Integrations
APPROVED

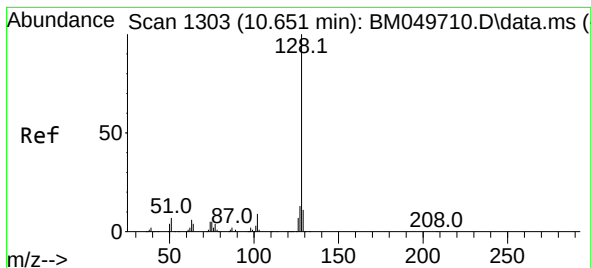
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#30
1,2,4-Trichlorobenzene
Concen: 47.063 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

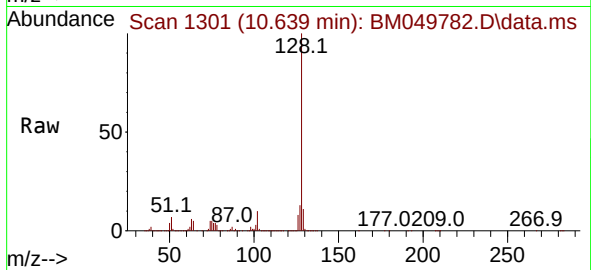
Tgt Ion:180 Resp: 1262702
Ion Ratio Lower Upper
180 100
182 96.4 77.7 116.5
145 26.1 21.0 31.4





#31
Naphthalene
Concen: 47.146 ng
RT: 10.639 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

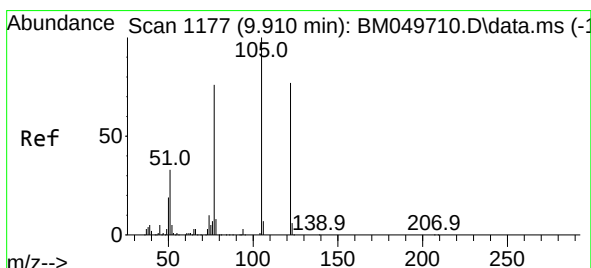
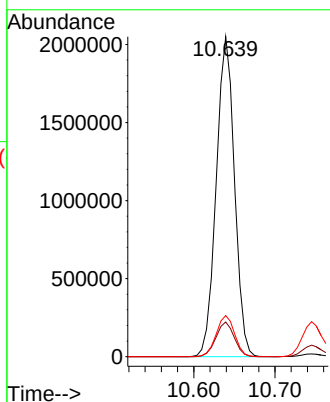
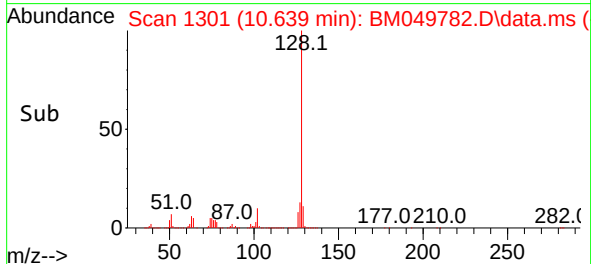
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:128 Resp: 3206474
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.4 15.6

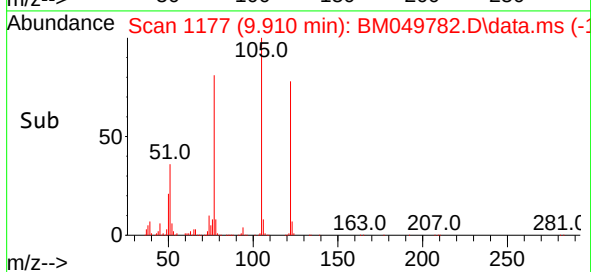
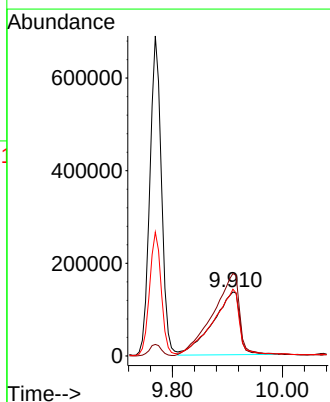
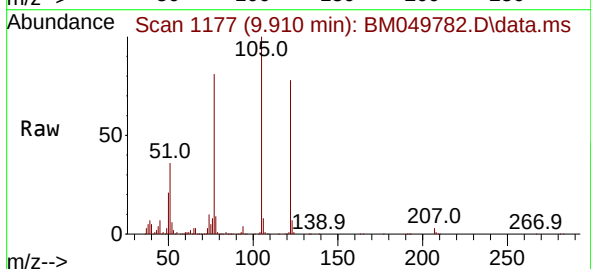
Manual Integrations
APPROVED

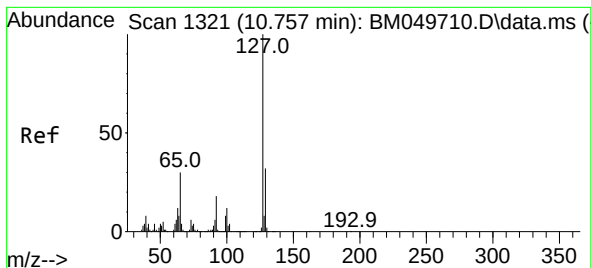
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#32
Benzoic acid
Concen: 41.693 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

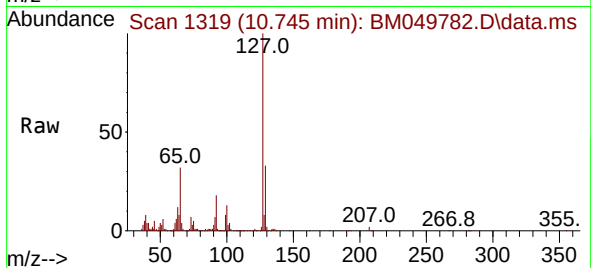
Tgt Ion:122 Resp: 466642
Ion Ratio Lower Upper
122 100
105 128.6 105.6 145.6
77 104.1 76.9 116.9





#33
4-Chloroaniline
Concen: 17.299 ng
RT: 10.745 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

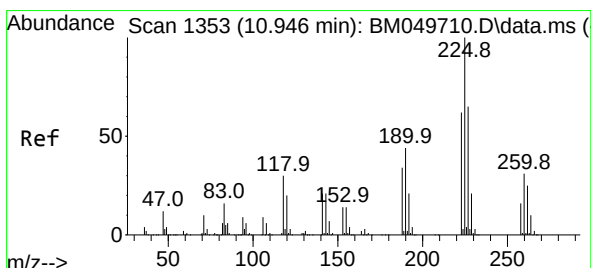
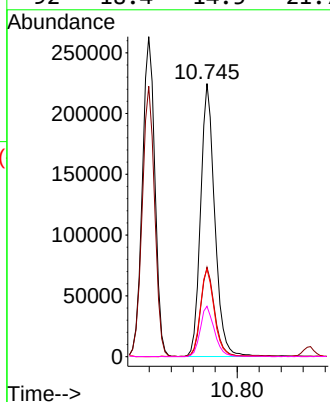
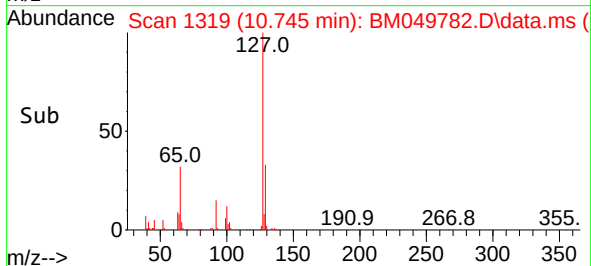
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:127 Resp: 401532
Ion Ratio Lower Upper
127 100
129 32.8 25.7 38.5
65 32.0 24.1 36.1
92 18.4 14.5 21.7

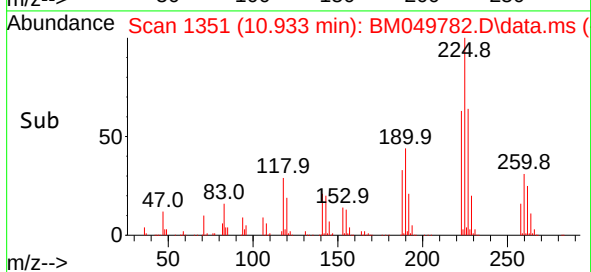
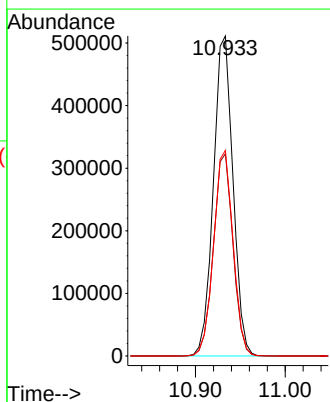
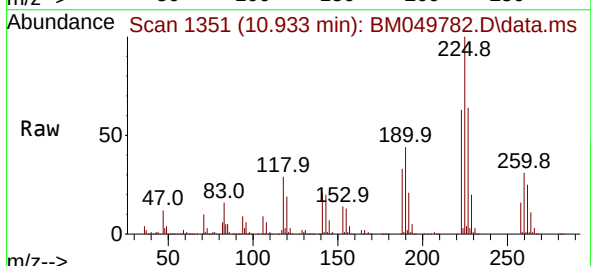
Manual Integrations
APPROVED

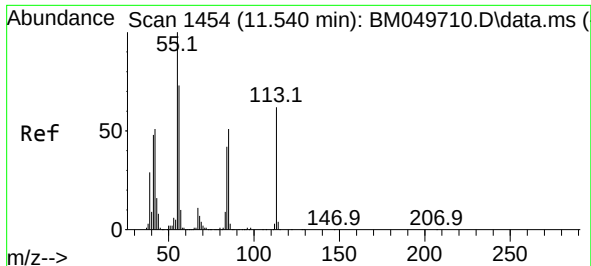
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#34
Hexachlorobutadiene
Concen: 46.716 ng
RT: 10.933 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

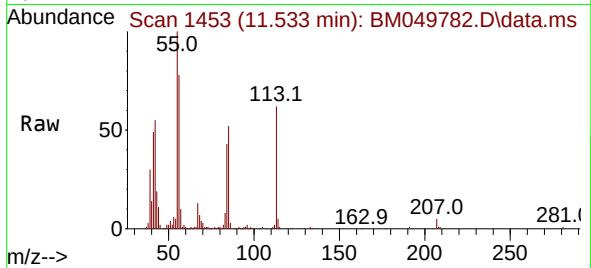
Tgt Ion:225 Resp: 773749
Ion Ratio Lower Upper
225 100
223 63.2 49.8 74.8
227 64.3 52.1 78.1





#35
Caprolactam
Concen: 38.782 ng
RT: 11.533 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

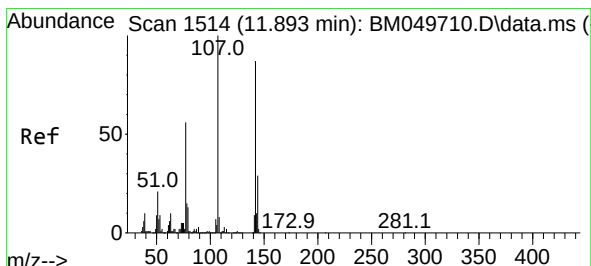
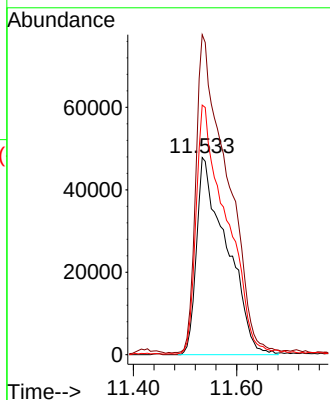
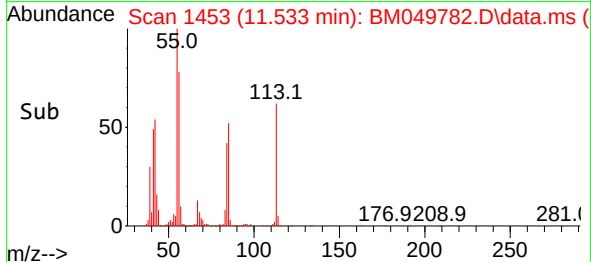
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



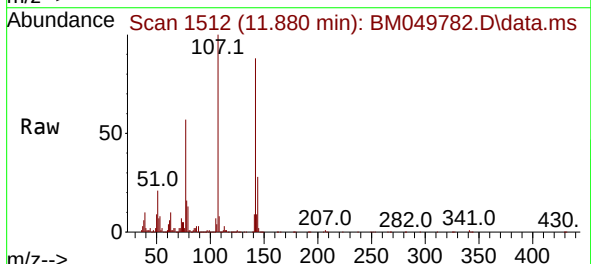
Tgt Ion:113 Resp: 19308
Ion Ratio Lower Upper
113 100
55 162.3 141.8 181.8
56 126.7 98.0 138.0

Manual Integrations
APPROVED

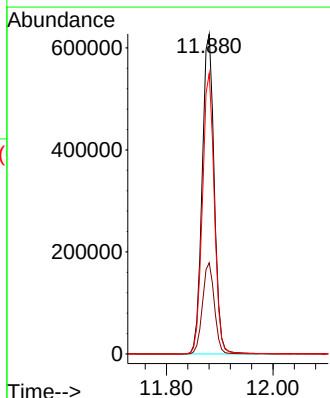
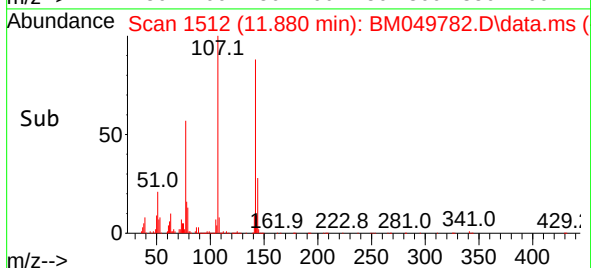
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

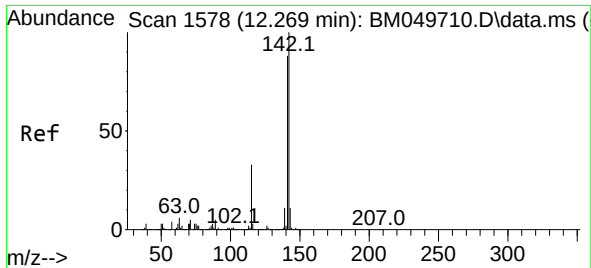


#36
4-Chloro-3-methylphenol
Concen: 53.499 ng
RT: 11.880 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



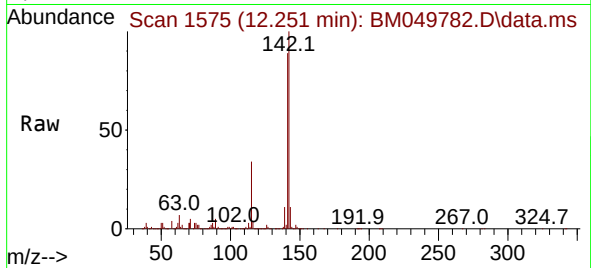
Tgt Ion:107 Resp: 984536
Ion Ratio Lower Upper
107 100
144 28.5 23.0 34.6
142 87.7 69.8 104.8





#37
2-Methylnaphthalene
Concen: 45.926 ng
RT: 12.251 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

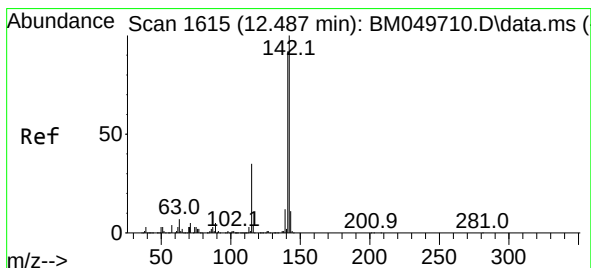
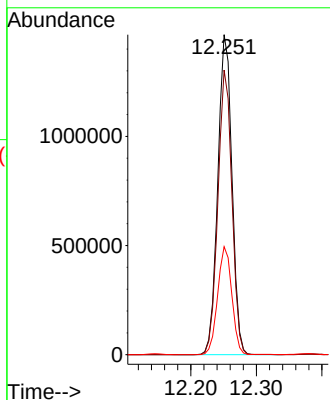
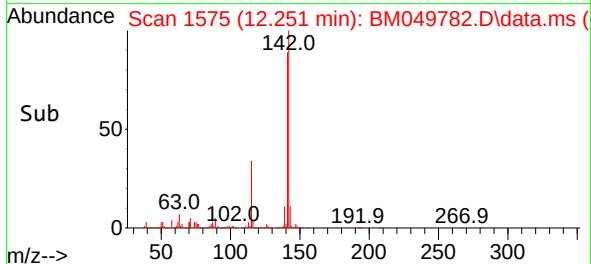
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:142 Resp: 2184064
Ion Ratio Lower Upper
142 100
141 88.9 70.5 105.7
115 33.8 26.5 39.7

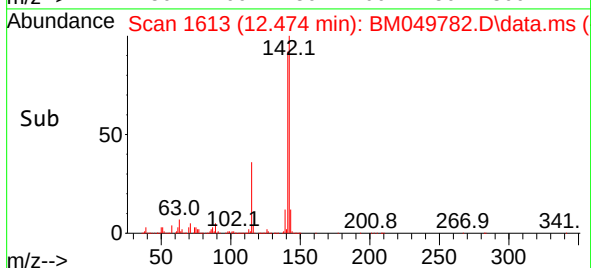
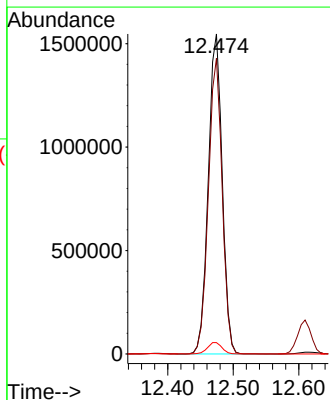
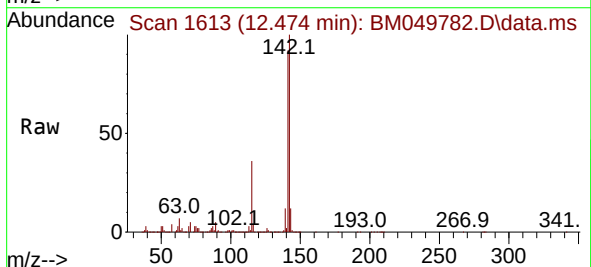
Manual Integrations
APPROVED

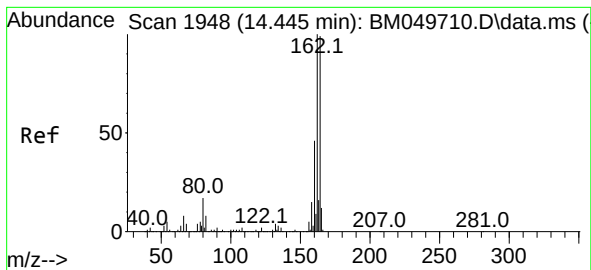
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#38
1-Methylnaphthalene
Concen: 49.771 ng
RT: 12.474 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

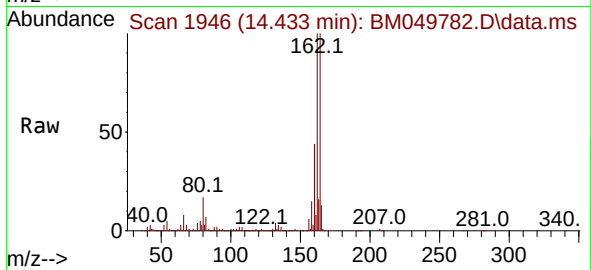
Tgt Ion:142 Resp: 2283611
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

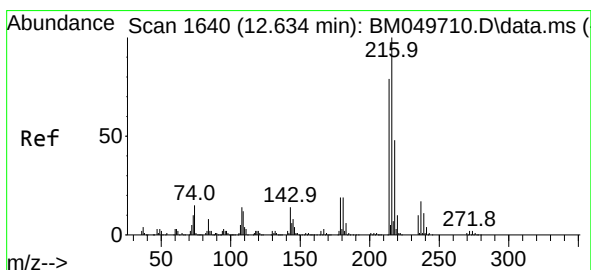
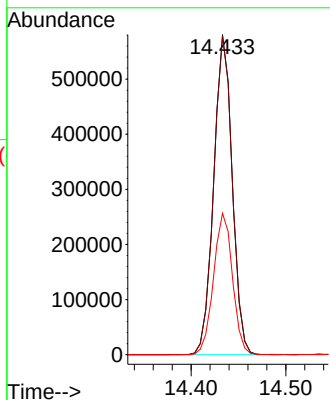
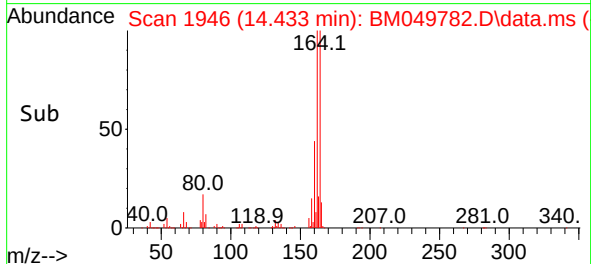
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



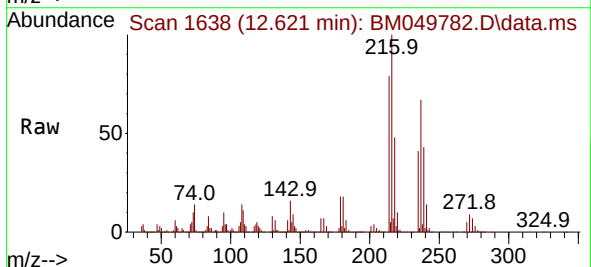
Tgt Ion:164 Resp: 786815
Ion Ratio Lower Upper
164 100
162 99.6 80.5 120.7
160 44.2 36.9 55.3

Manual Integrations
APPROVED

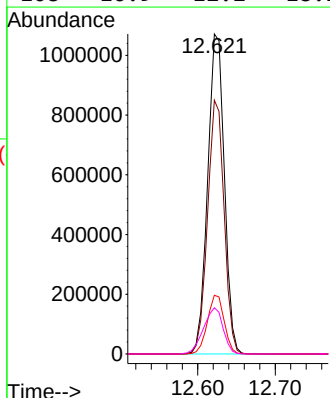
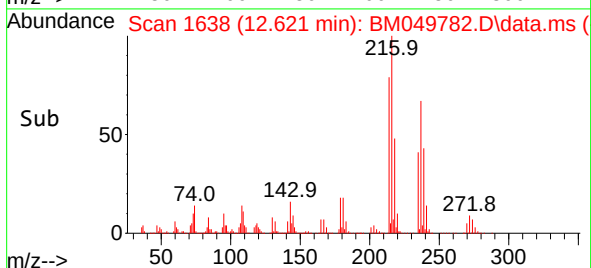
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

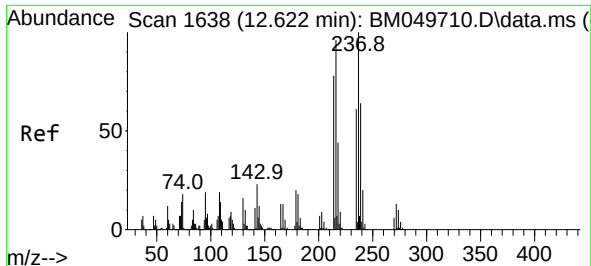


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.385 ng
RT: 12.621 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



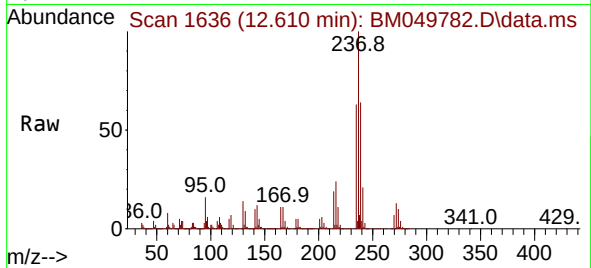
Tgt Ion:216 Resp: 1600688
Ion Ratio Lower Upper
216 100
214 78.6 63.5 95.3
179 18.5 15.7 23.5
108 16.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 206.276 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

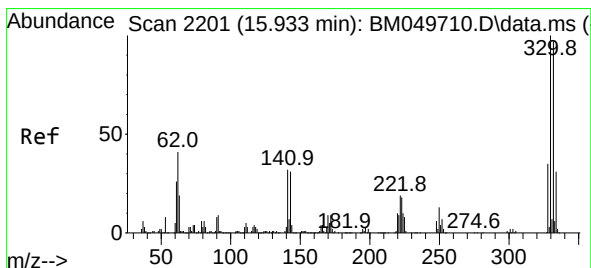
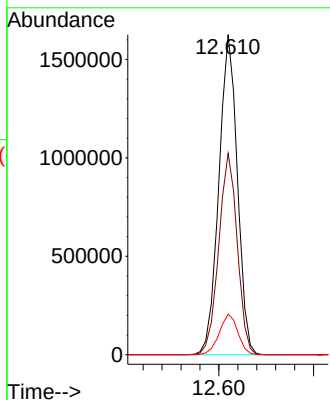
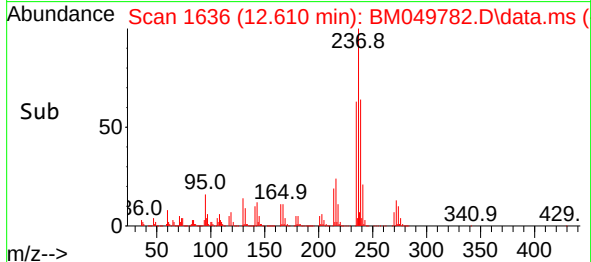
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



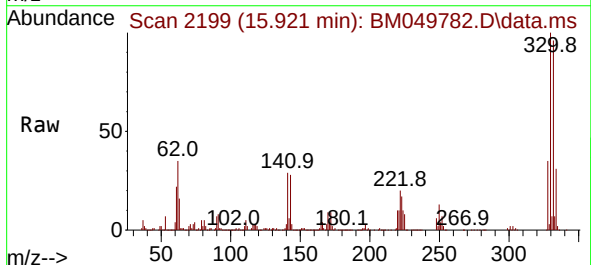
Tgt Ion:237 Resp: 220859
Ion Ratio Lower Upper
237 100
235 62.9 41.1 81.1
272 12.7 0.0 32.5

Manual Integrations
APPROVED

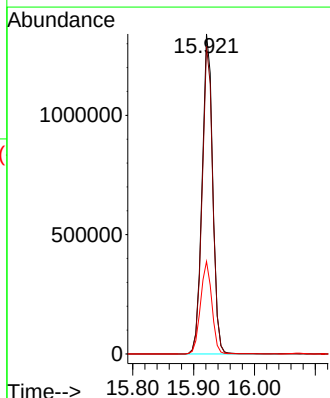
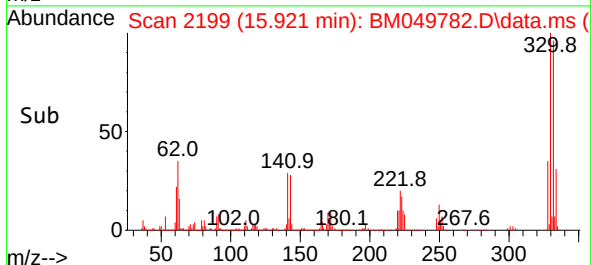
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

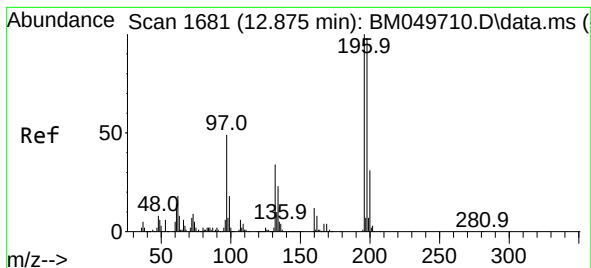


#42
2,4,6-Tribromophenol
Concen: 176.008 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



Tgt Ion:330 Resp: 1617100
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 30.8 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 56.177 ng

RT: 12.863 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

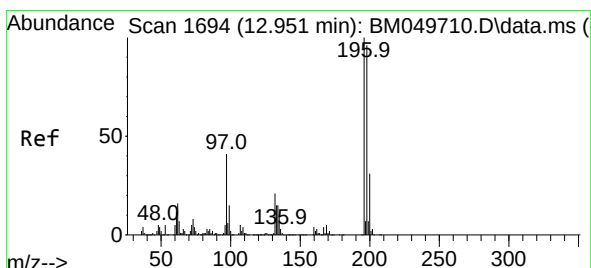
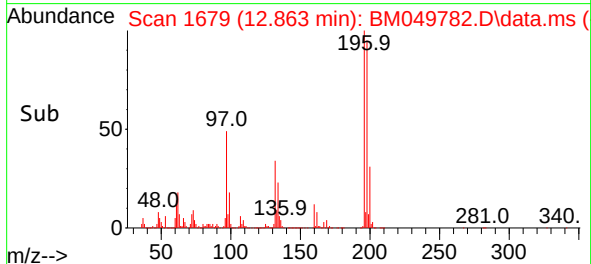
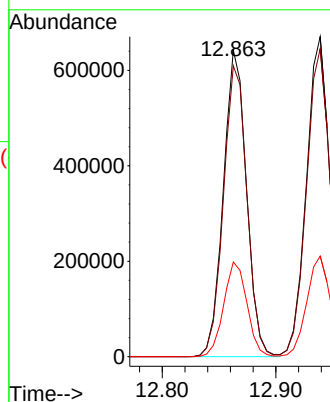
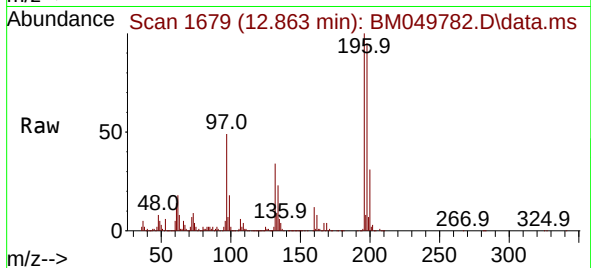
WC-1MSD

Tgt Ion:196 Resp: 909324
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.3 117.5
 200 30.9 25.1 37.7

Manual Integrations

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 55.144 ng

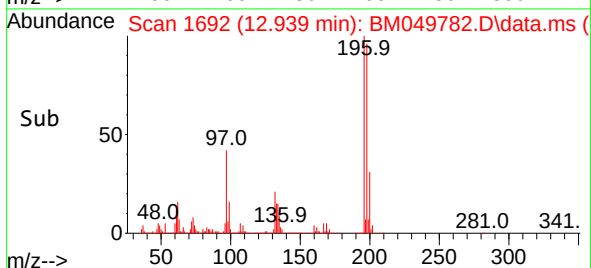
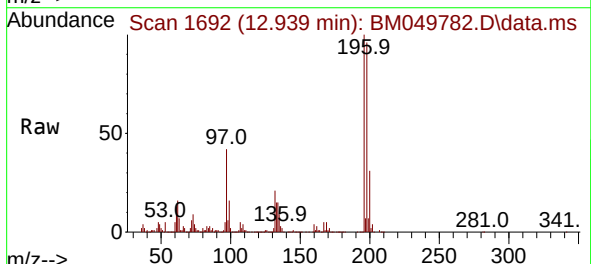
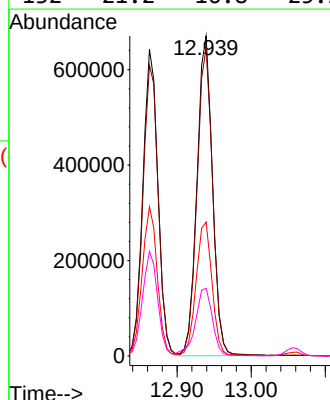
RT: 12.939 min Scan# 1692

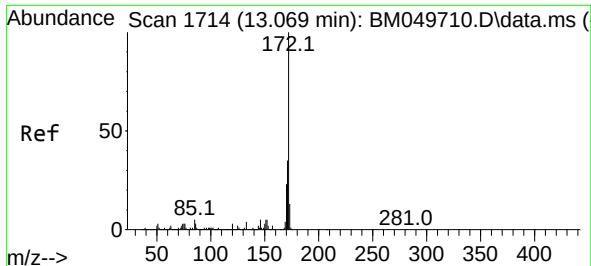
Delta R.T. -0.012 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Tgt Ion:196 Resp: 974056
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.7 115.1
 97 41.8 32.9 49.3
 132 21.2 16.8 25.2





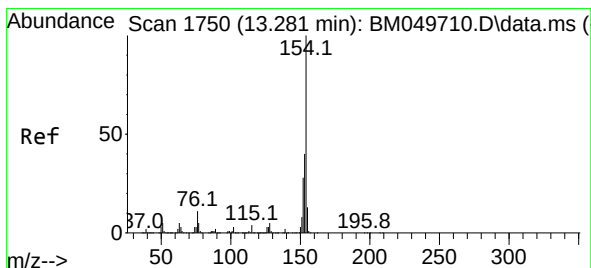
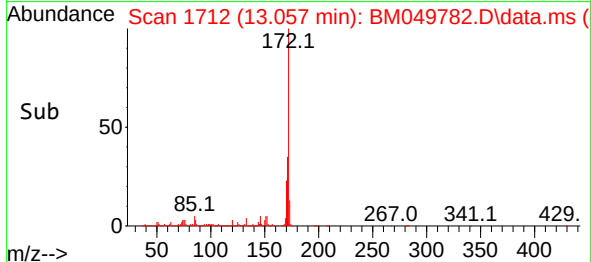
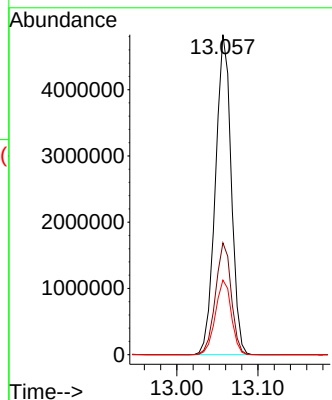
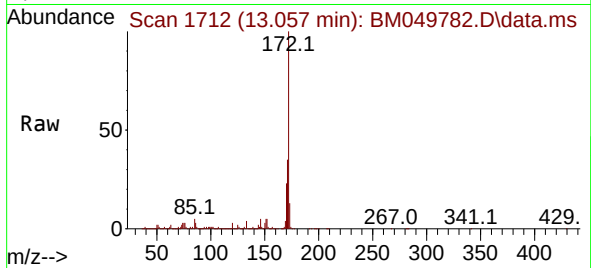
#45
2-Fluorobiphenyl
Concen: 103.923 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Instrument :
BNA_M
ClientSampleId :
WC-1MSD

Tgt Ion:172 Resp: 6529019
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.3 18.6 28.0

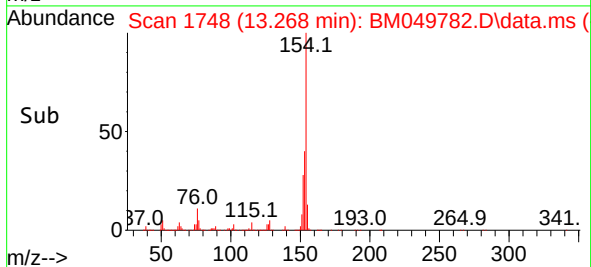
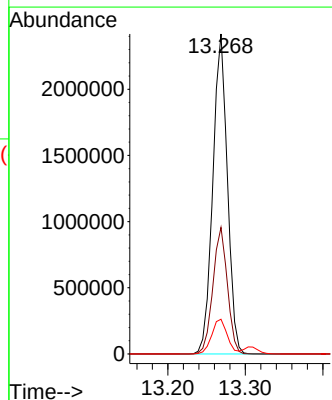
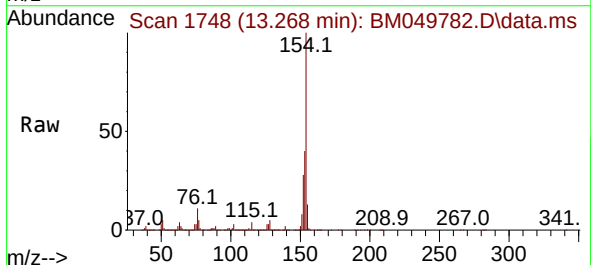
Manual Integrations
APPROVED

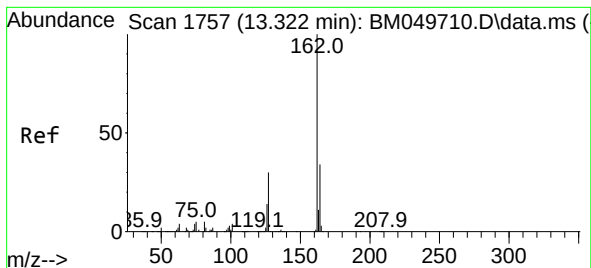
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#46
1,1'-Biphenyl
Concen: 51.921 ng
RT: 13.268 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

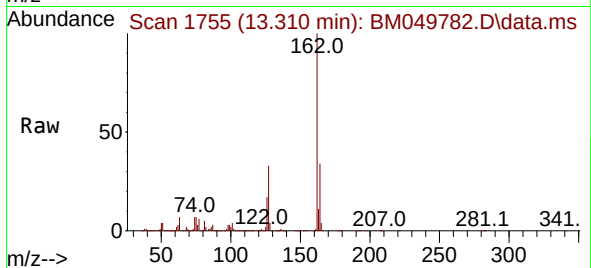
Tgt Ion:154 Resp: 3148538
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 10.8 0.0 31.2





#47
2-Chloronaphthalene
Concen: 51.911 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

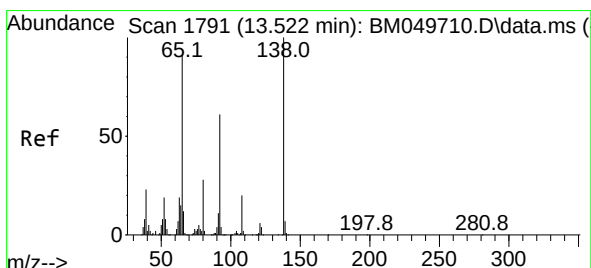
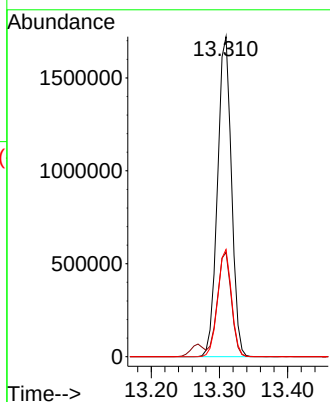
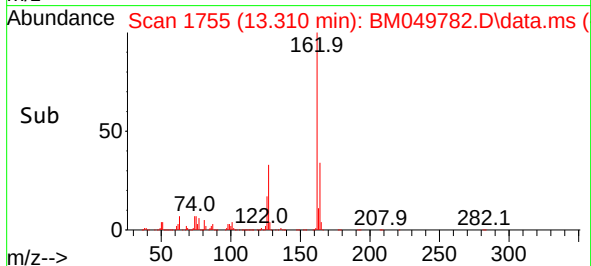
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



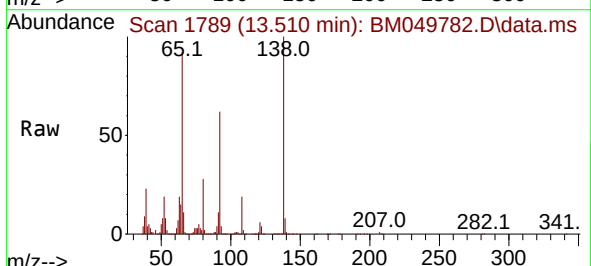
Tgt Ion:162 Resp: 2450240
Ion Ratio Lower Upper
162 100
127 32.6 25.8 38.6
164 33.5 27.1 40.7

Manual Integrations
APPROVED

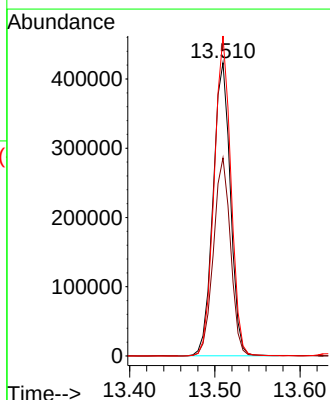
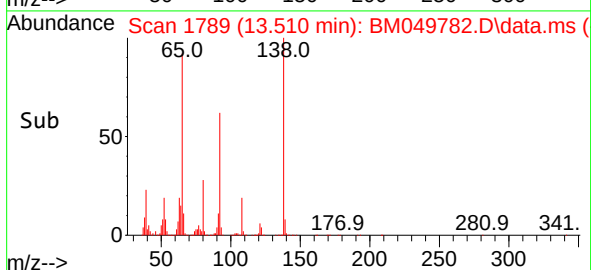
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

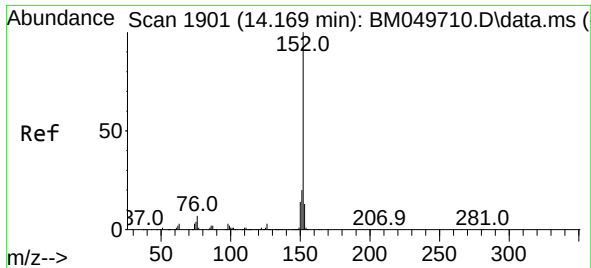


#48
2-Nitroaniline
Concen: 56.578 ng
RT: 13.510 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



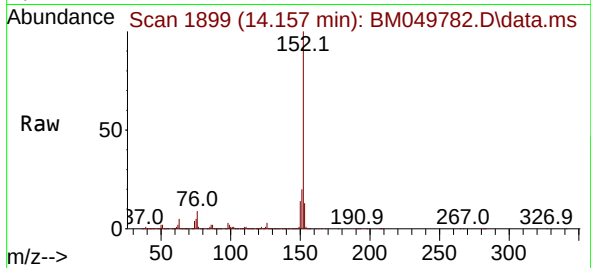
Tgt Ion: 65 Resp: 599500
Ion Ratio Lower Upper
65 100
92 67.6 53.4 80.2
138 109.1 87.6 131.4





#49
Acenaphthylene
Concen: 56.504 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

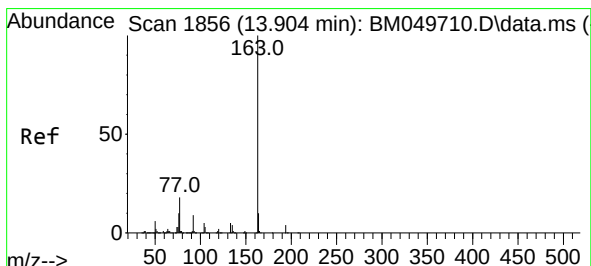
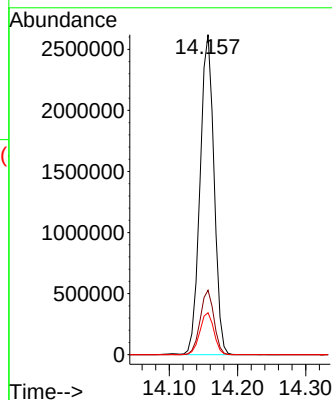
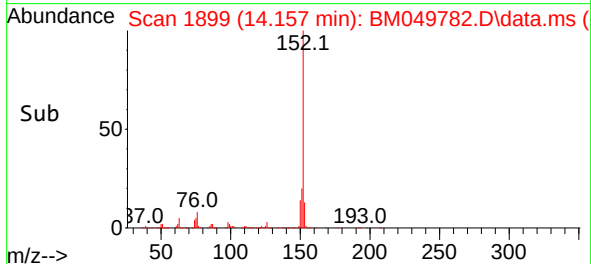
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:152 Resp: 3727940
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.1 10.2 15.4

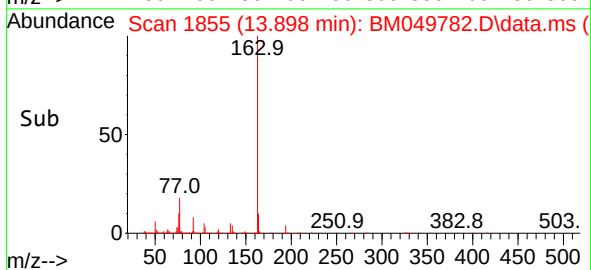
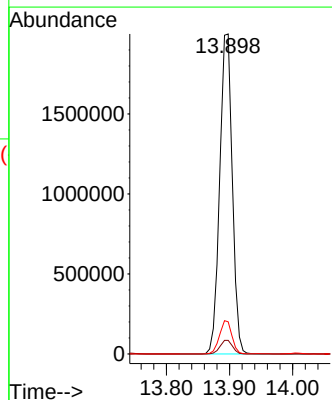
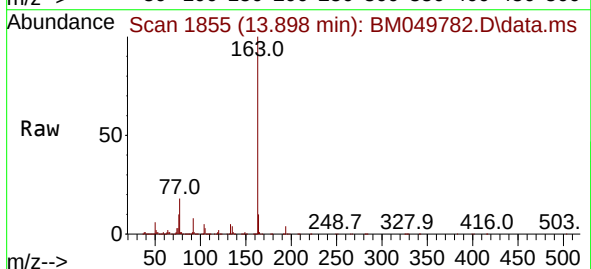
Manual Integrations
APPROVED

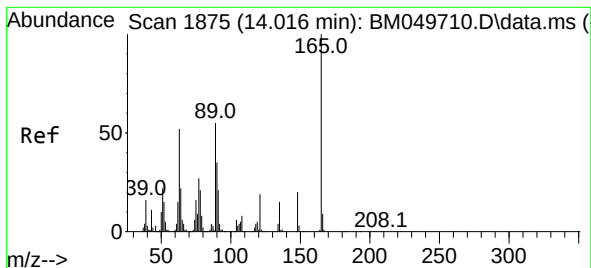
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#50
Dimethylphthalate
Concen: 51.093 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

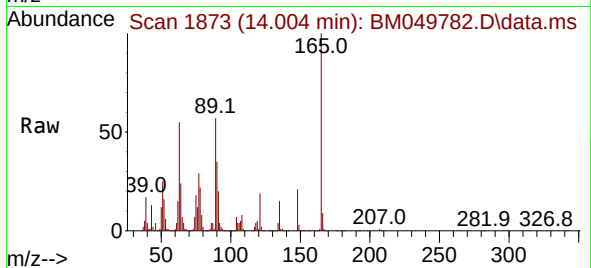
Tgt Ion:163 Resp: 2767804
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.267 ng
RT: 14.004 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

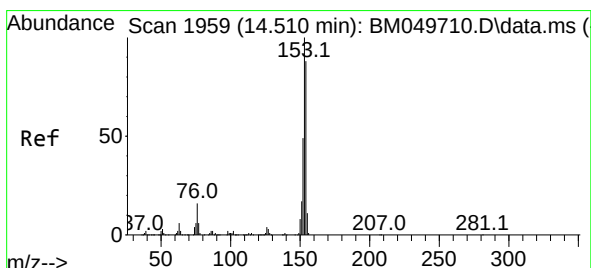
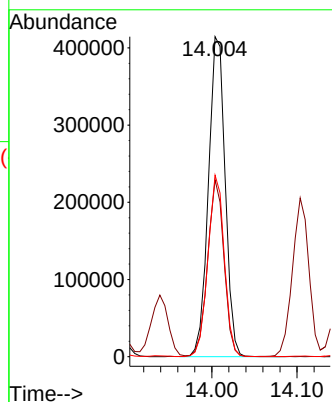
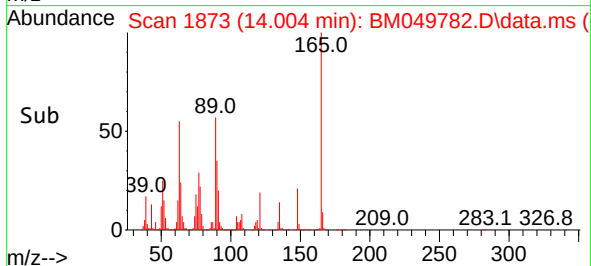
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:165 Resp: 567320
Ion Ratio Lower Upper
165 100
63 55.3 42.3 63.5
89 56.7 43.9 65.9

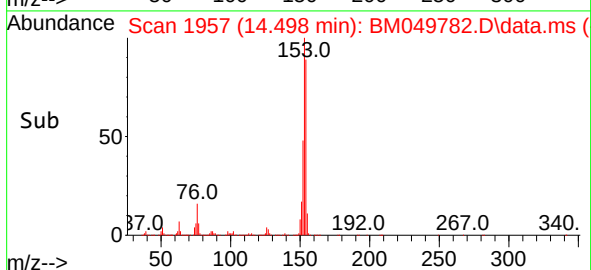
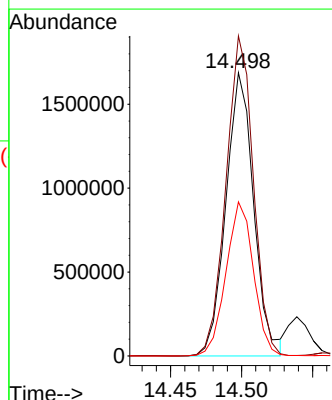
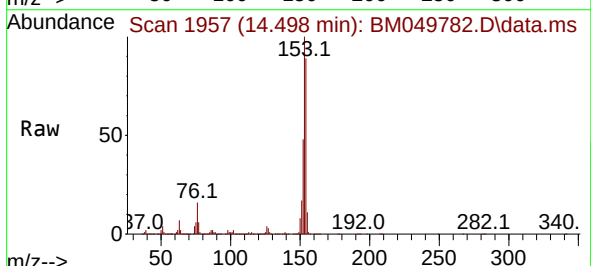
Manual Integrations
APPROVED

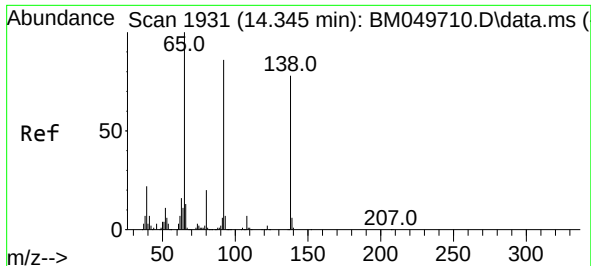
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#52
Acenaphthene
Concen: 53.187 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

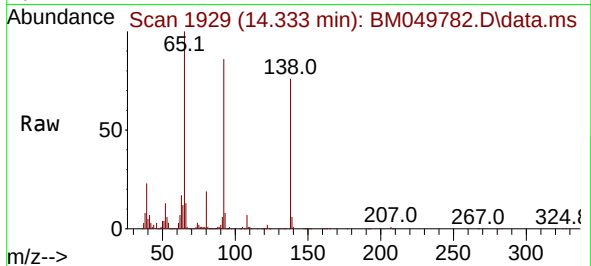
Tgt Ion:154 Resp: 2301726
Ion Ratio Lower Upper
154 100
153 113.0 90.4 135.6
152 54.4 44.2 66.2





#53
3-Nitroaniline
Concen: 33.483 ng
RT: 14.333 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

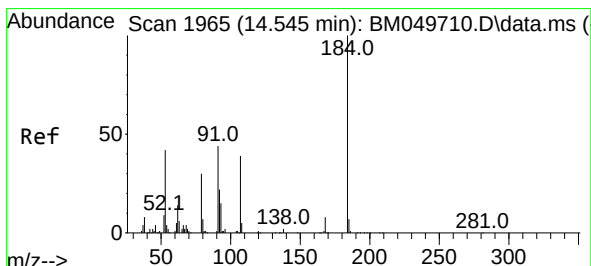
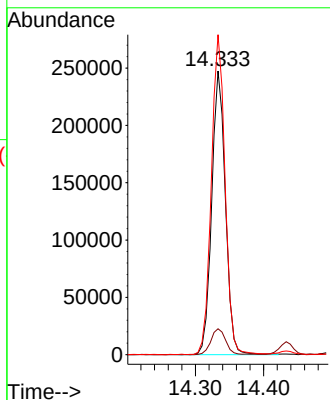
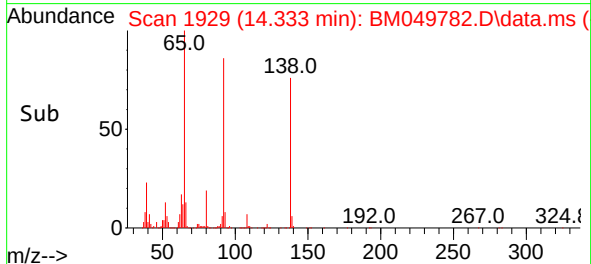
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:138 Resp: 34584
Ion Ratio Lower Upper
138 100
108 9.1 7.5 11.3
92 112.8 88.0 132.0

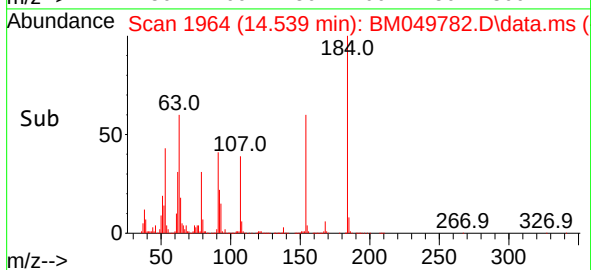
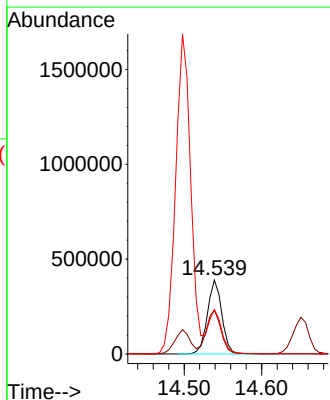
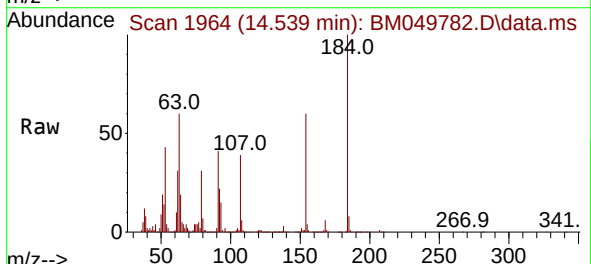
Manual Integrations
APPROVED

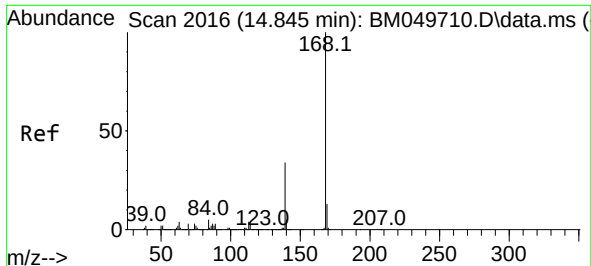
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#54
2,4-Dinitrophenol
Concen: 75.032 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

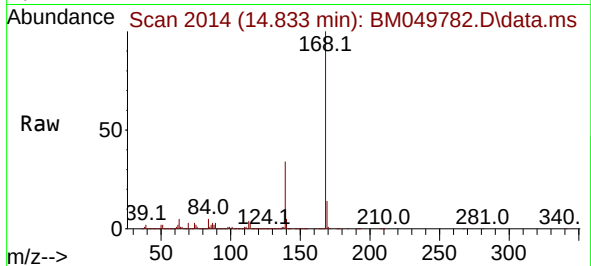
Tgt Ion:184 Resp: 503084
Ion Ratio Lower Upper
184 100
63 59.9 47.2 70.8
154 59.9 49.9 74.9





#55
Dibenzenofuran
Concen: 49.761 ng
RT: 14.833 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

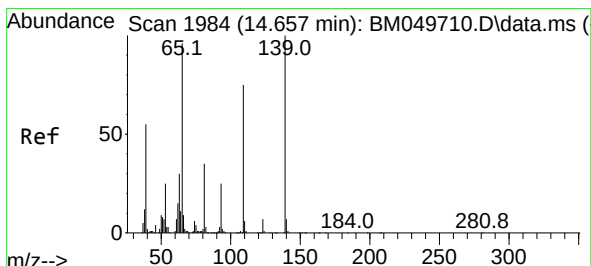
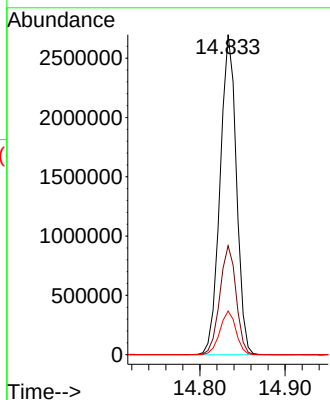
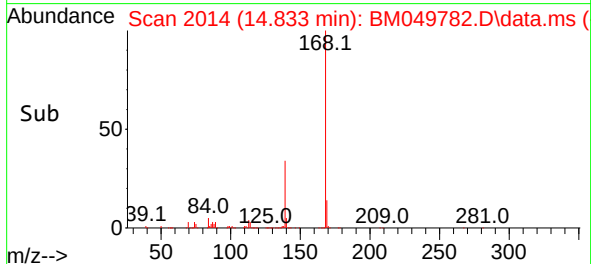
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:168 Resp: 358834
Ion Ratio Lower Upper
168 100
139 34.1 27.4 41.0
169 13.7 10.7 16.1

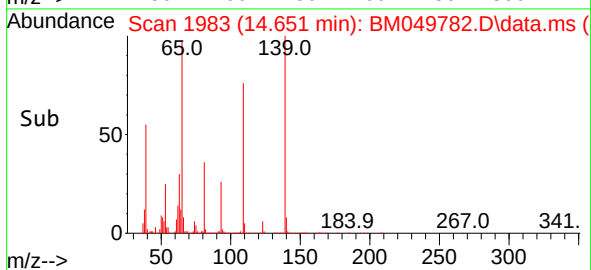
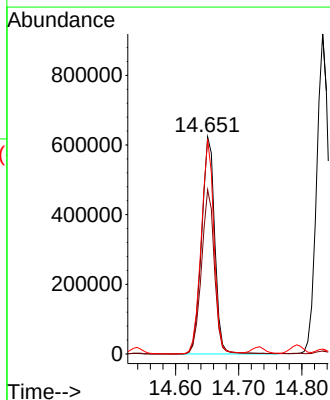
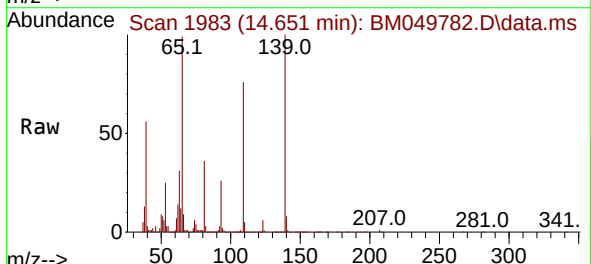
Manual Integrations
APPROVED

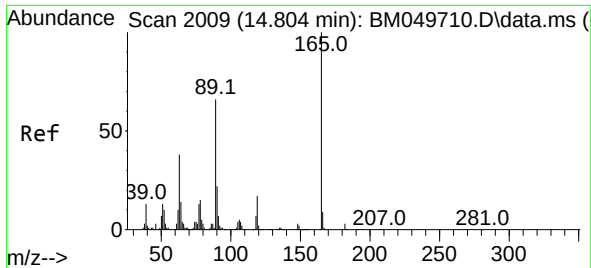
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#56
4-Nitrophenol
Concen: 100.610 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

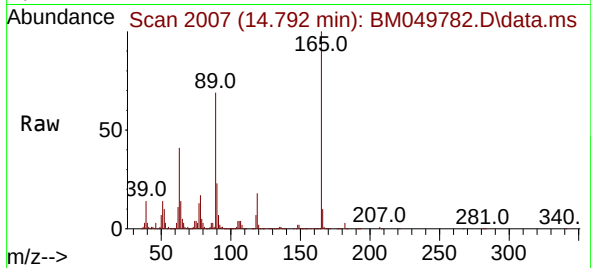
Tgt Ion:139 Resp: 904589
Ion Ratio Lower Upper
139 100
109 75.6 54.7 94.7
65 98.9 76.2 116.2





#57
2,4-Dinitrotoluene
Concen: 54.080 ng
RT: 14.792 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

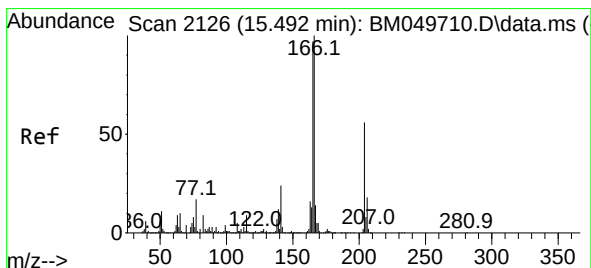
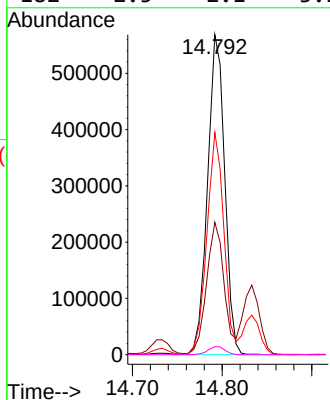
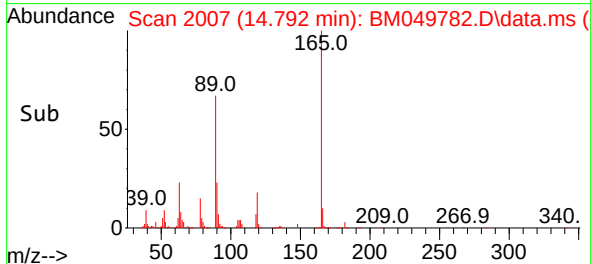
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:165 Resp: 75534
Ion Ratio Lower Upper
165 100
63 41.3 30.8 46.2
89 69.5 53.1 79.7
182 2.5 2.1 3.1

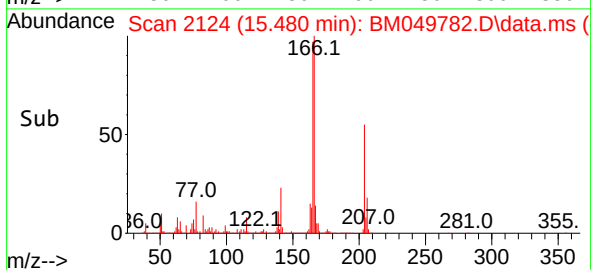
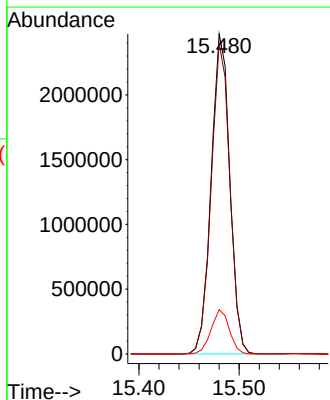
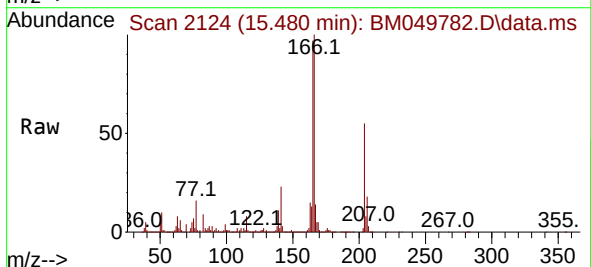
Manual Integrations
APPROVED

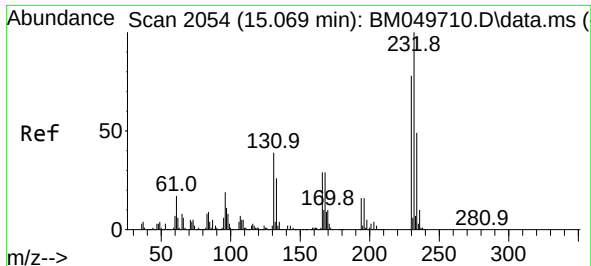
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#58
Fluorene
Concen: 54.372 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Tgt Ion:166 Resp: 3192292
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 13.9 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.036 ng

RT: 15.062 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

WC-1MSD

Tgt Ion:232 Resp: 769394

Ion Ratio Lower Upper

232 100

131 37.8 30.0 45.0

130 2.1 1.6 2.4

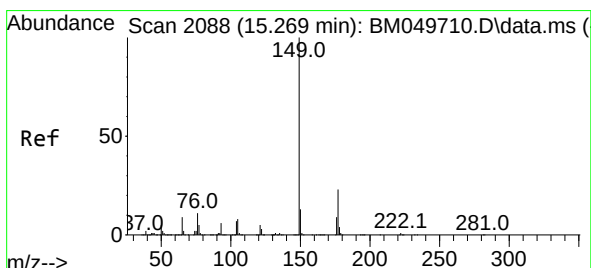
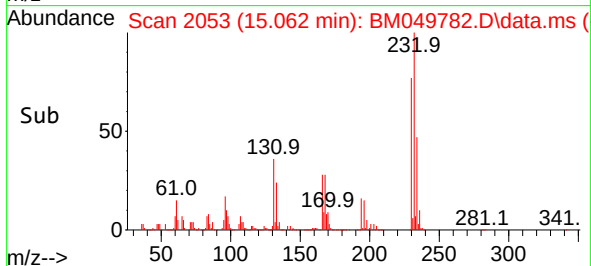
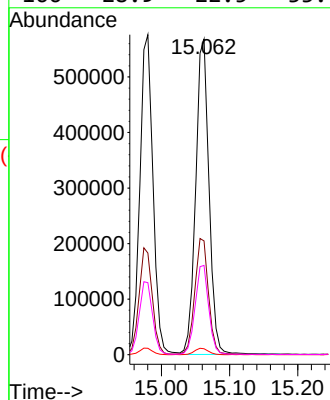
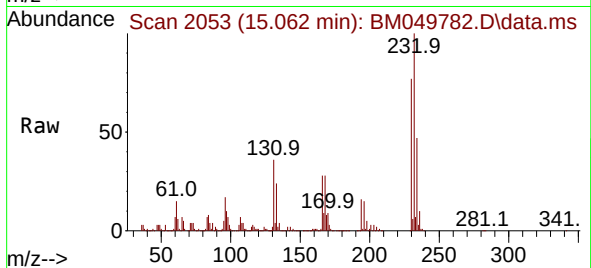
166 28.9 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#60

Diethylphthalate

Concen: 49.859 ng

RT: 15.262 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

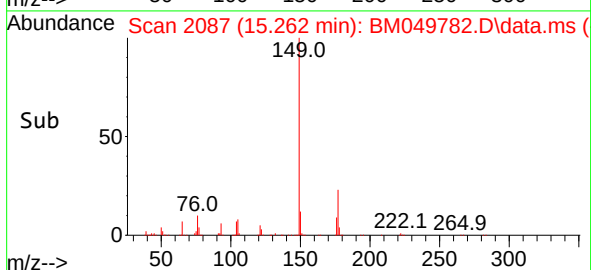
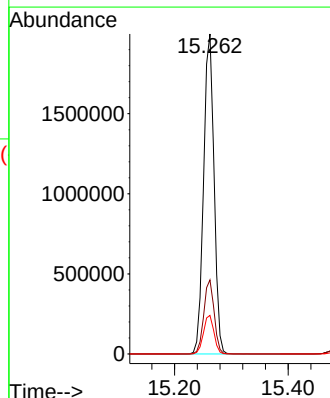
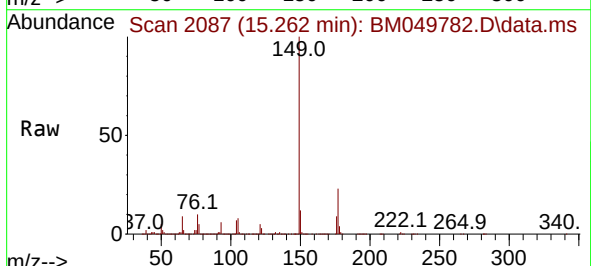
Tgt Ion:149 Resp: 2543804

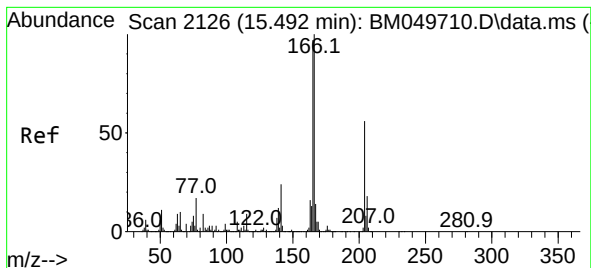
Ion Ratio Lower Upper

149 100

177 23.1 18.2 27.2

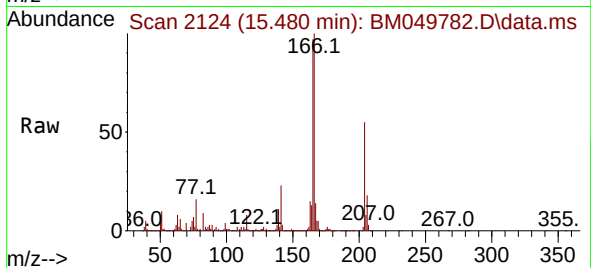
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 53.903 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

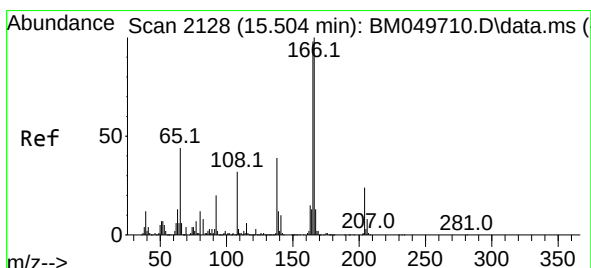
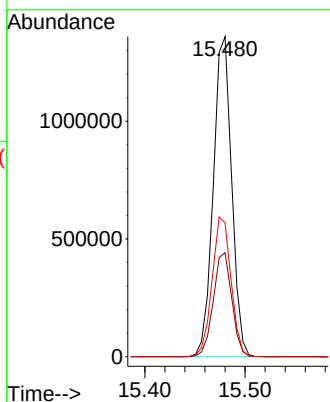
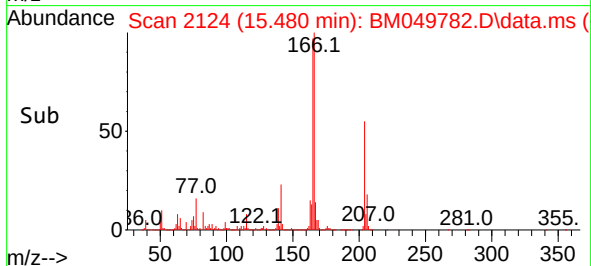
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:204 Resp: 172815
Ion Ratio Lower Upper
204 100
206 32.5 25.2 37.8
141 41.8 34.5 51.7

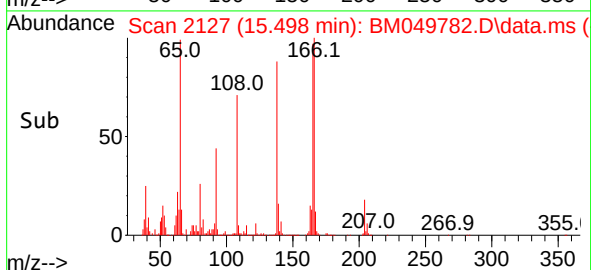
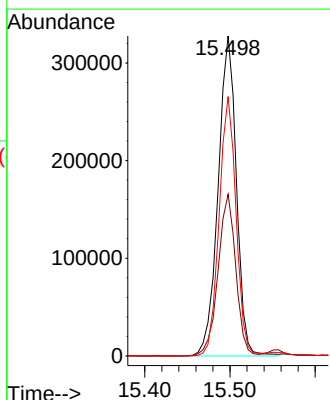
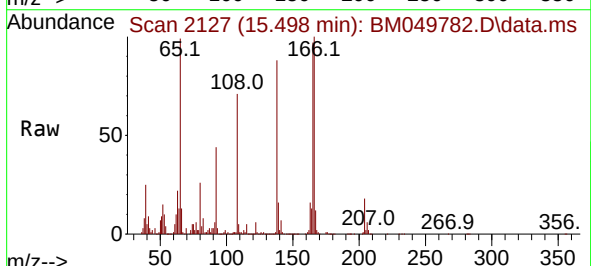
Manual Integrations
APPROVED

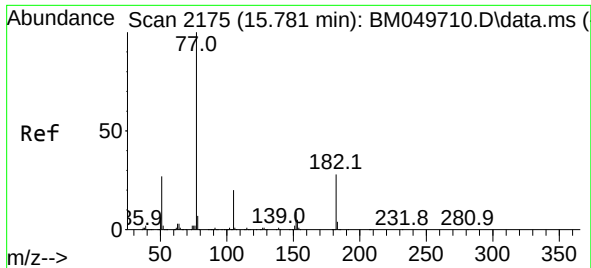
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#62
4-Nitroaniline
Concen: 40.393 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

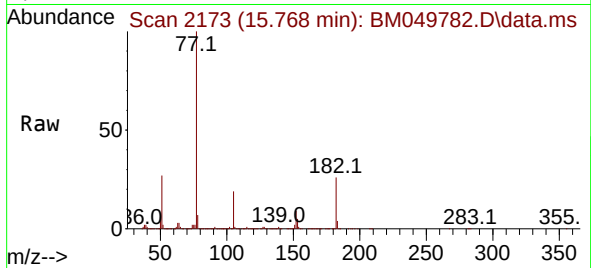
Tgt Ion:138 Resp: 488467
Ion Ratio Lower Upper
138 100
92 50.5 29.8 69.8
108 81.0 61.3 101.3





#63
Azobenzene
Concen: 51.210 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

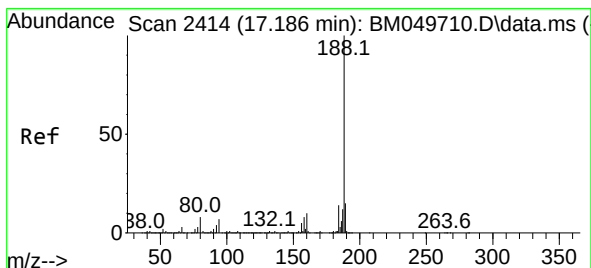
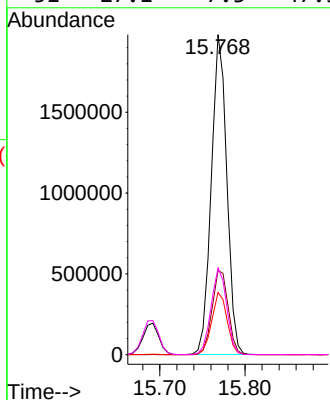
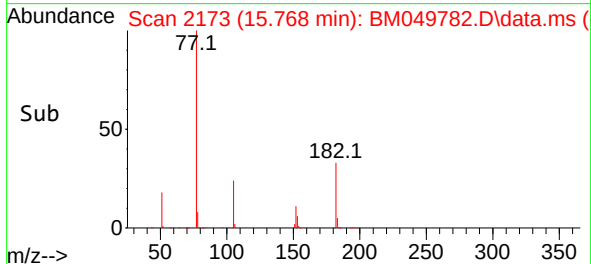
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion: 77 Resp: 2495628
Ion Ratio Lower Upper
77 100
182 26.4 8.0 48.0
105 19.5 0.0 40.0
51 27.1 7.3 47.3

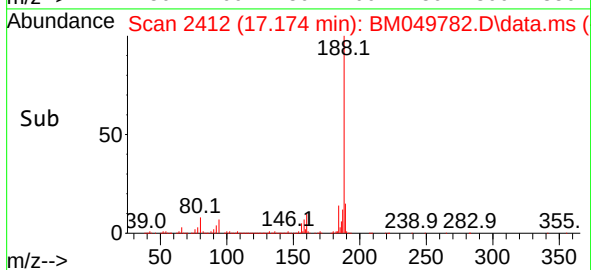
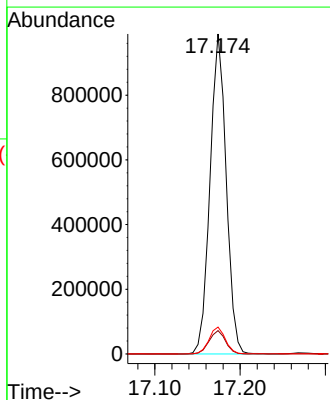
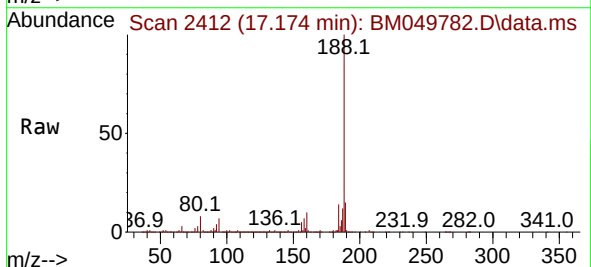
Manual Integrations
APPROVED

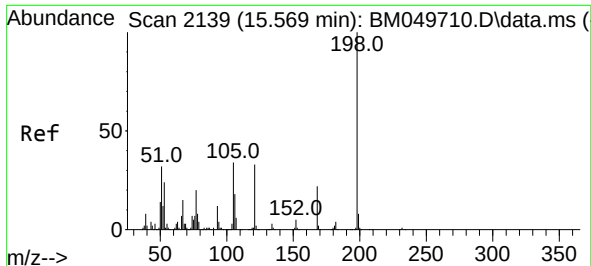
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

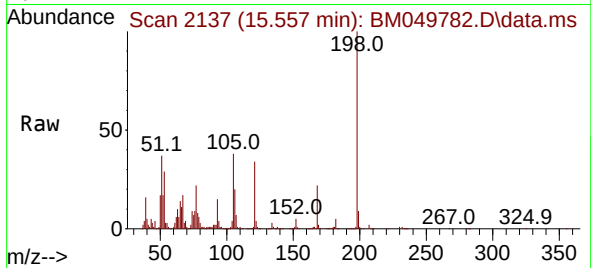
Tgt Ion:188 Resp: 1309416
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.4 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 48.637 ng
RT: 15.557 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

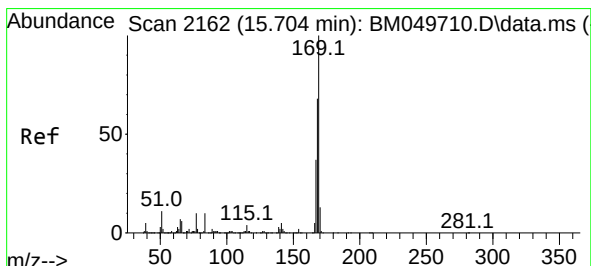
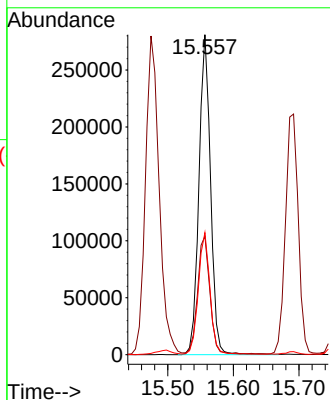
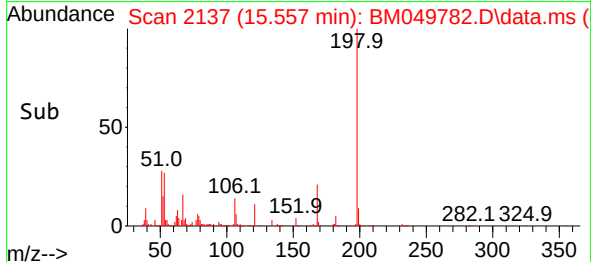
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:198 Resp: 347045
Ion Ratio Lower Upper
198 100
51 37.0 13.8 53.8
105 38.1 14.0 54.0

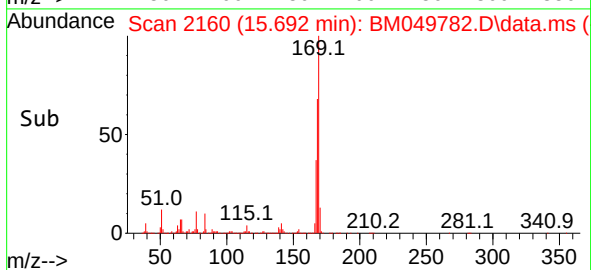
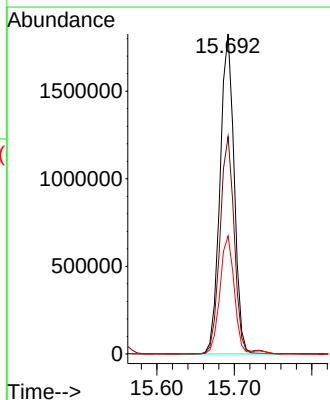
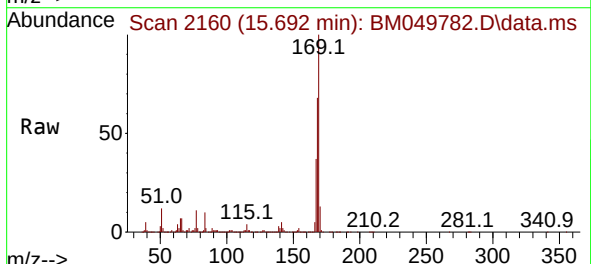
Manual Integrations
APPROVED

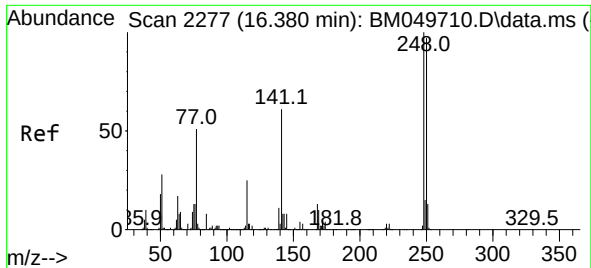
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#66
n-Nitrosodiphenylamine
Concen: 58.331 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Tgt Ion:169 Resp: 2314154
Ion Ratio Lower Upper
169 100
168 68.0 54.8 82.2
167 36.9 29.9 44.9





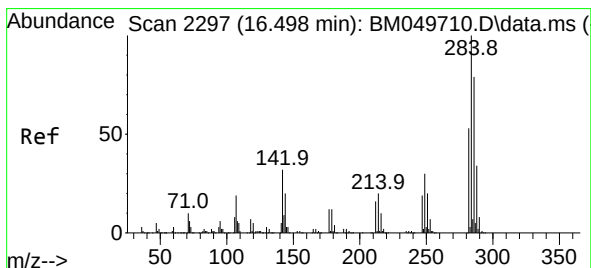
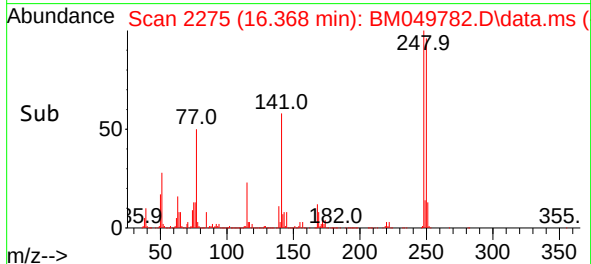
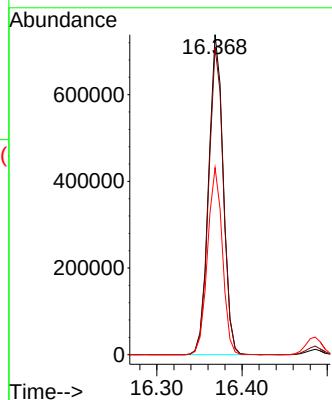
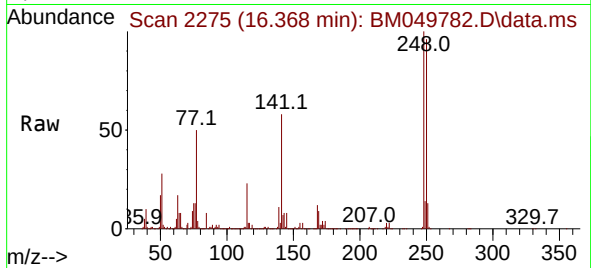
#67
4-Bromophenyl-phenylether
Concen: 58.419 ng
RT: 16.368 min Scan# 211
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Instrument :
BNA_M
ClientSampleId :
WC-1MSD

Tgt Ion:248 Resp: 88318
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 58.5 48.6 73.0

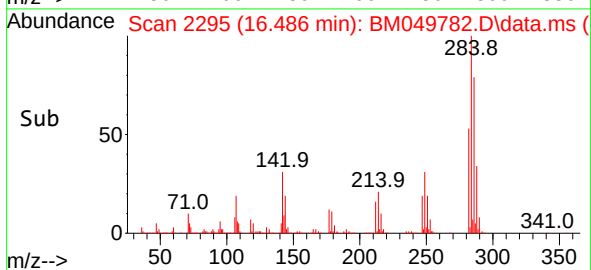
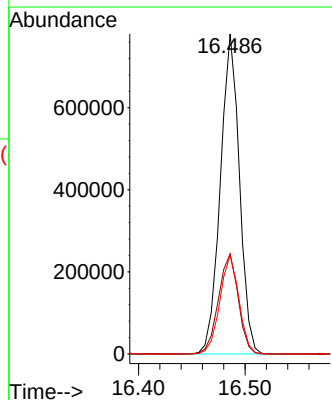
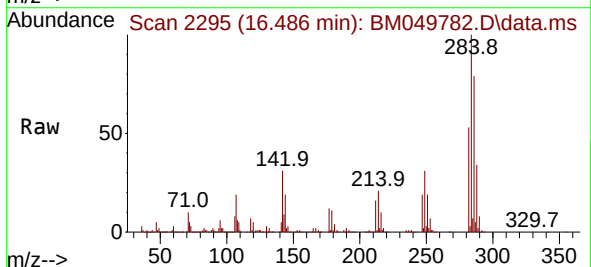
Manual Integrations
APPROVED

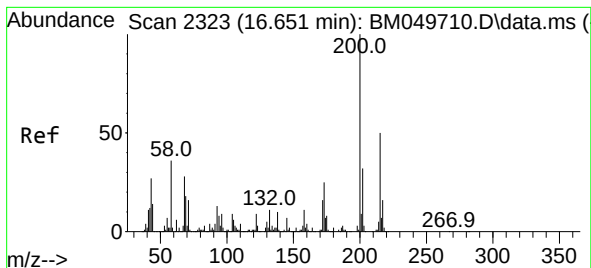
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#68
Hexachlorobenzene
Concen: 56.862 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

Tgt Ion:284 Resp: 966693
Ion Ratio Lower Upper
284 100
142 31.3 25.5 38.3
249 30.9 24.2 36.2





#69

Atrazine

Concen: 84.629 ng

RT: 16.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

WC-1MSD

Tgt Ion:200 Resp: 739920

Ion Ratio Lower Upper

200 100

173 24.7 5.4 45.4

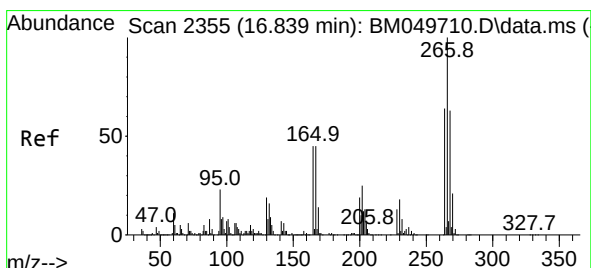
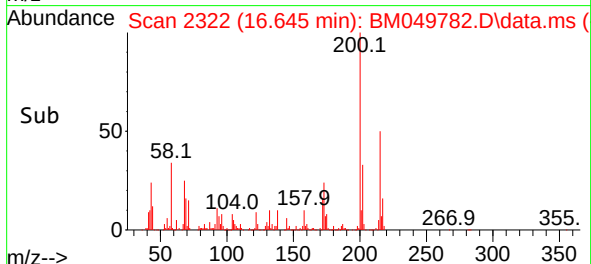
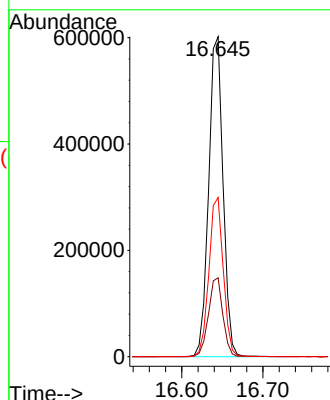
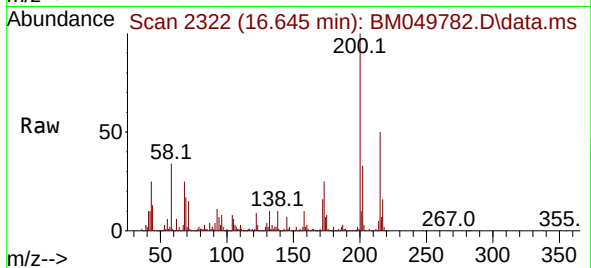
215 49.8 29.8 69.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#70

Pentachlorophenol

Concen: 120.667 ng

RT: 16.827 min Scan# 2353

Delta R.T. -0.012 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

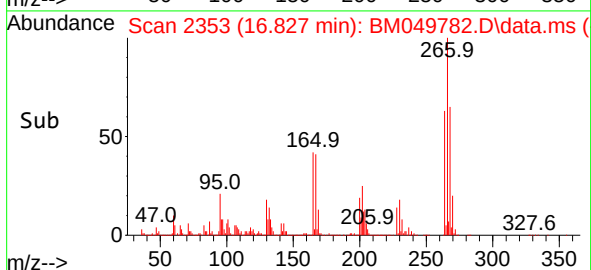
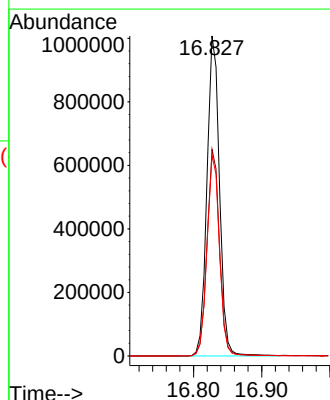
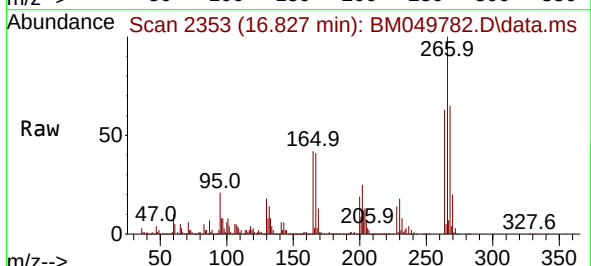
Tgt Ion:266 Resp: 1289162

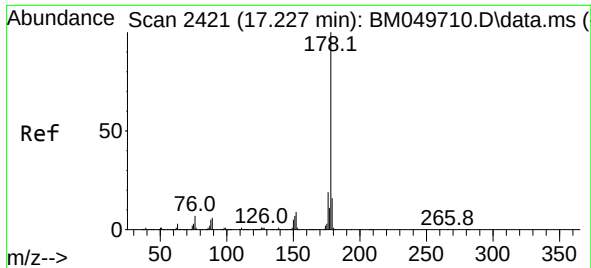
Ion Ratio Lower Upper

266 100

268 64.5 50.2 75.2

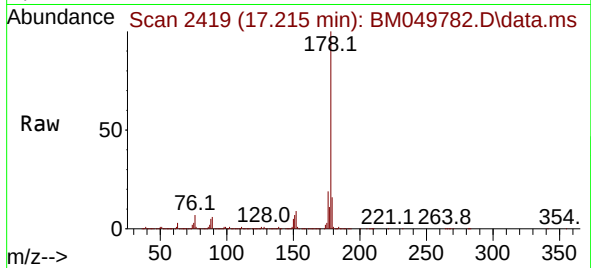
264 62.7 51.3 76.9





#71
Phenanthrene
Concen: 57.016 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

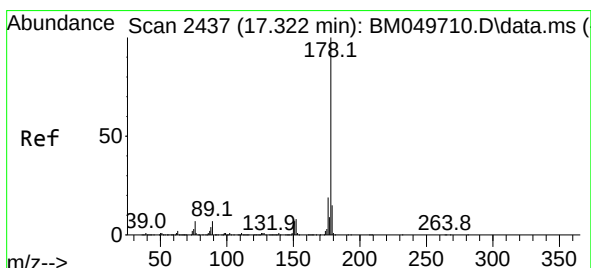
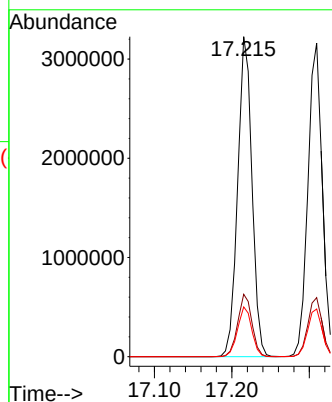
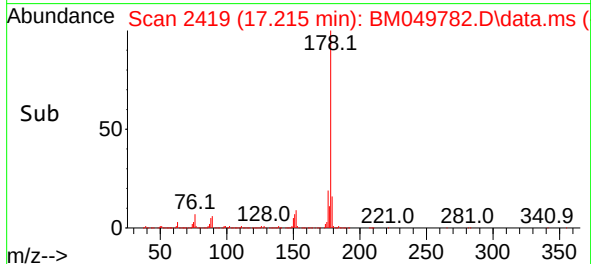
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



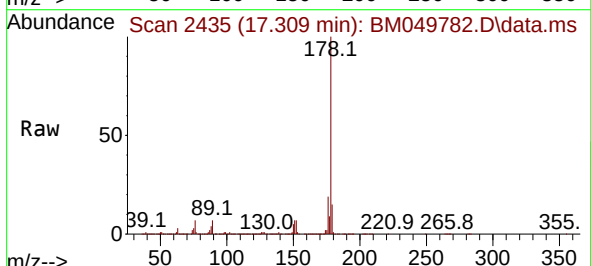
Tgt Ion:178 Resp: 4145589
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.6 12.5 18.7

Manual Integrations
APPROVED

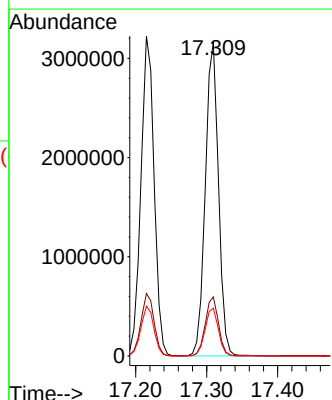
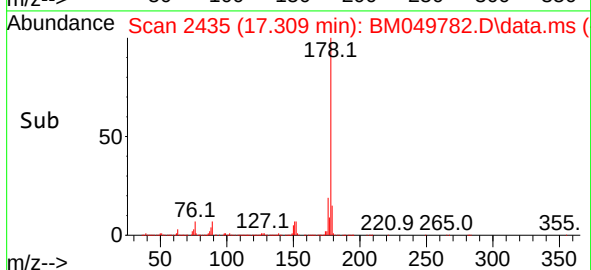
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

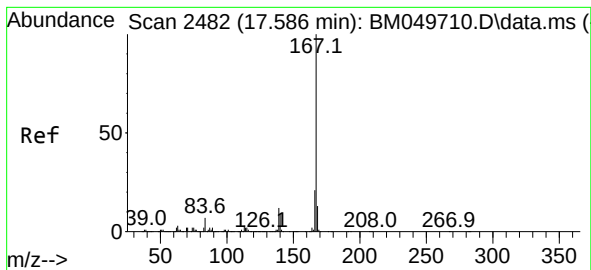


#72
Anthracene
Concen: 57.913 ng
RT: 17.309 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



Tgt Ion:178 Resp: 4077905
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.2 12.4 18.6





#73

Carbazole

Concen: 55.065 ng

RT: 17.574 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

WC-1MSD

Tgt Ion:167 Resp: 351153

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

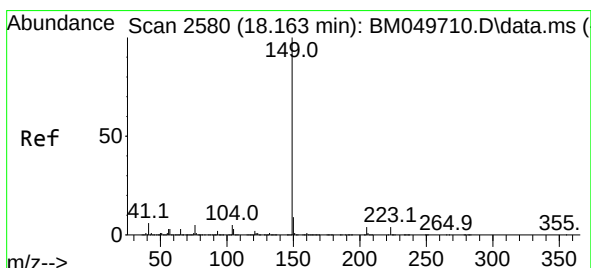
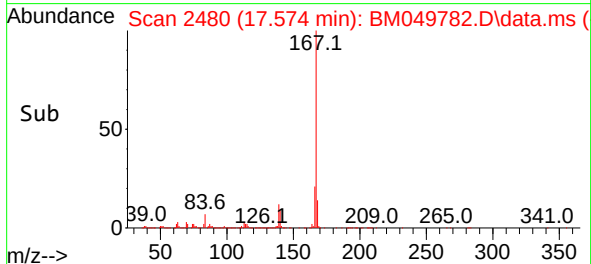
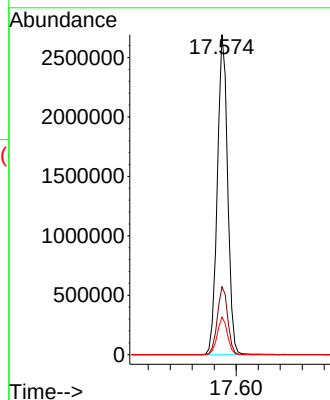
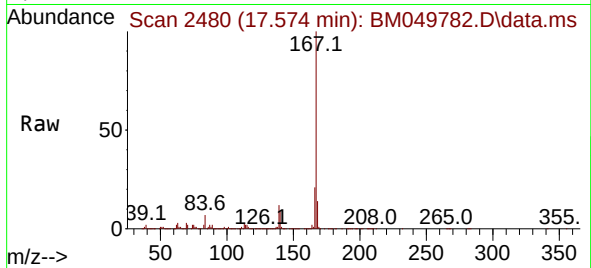
139 11.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#74

Di-n-butylphthalate

Concen: 54.437 ng

RT: 18.145 min Scan# 2577

Delta R.T. -0.018 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

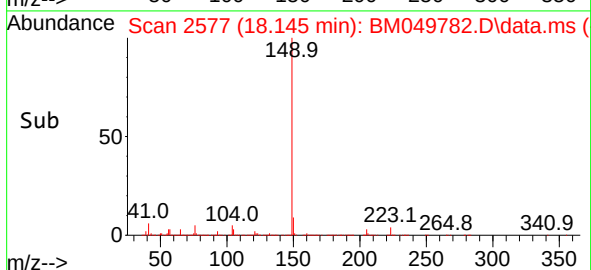
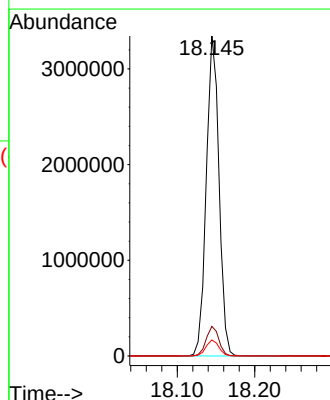
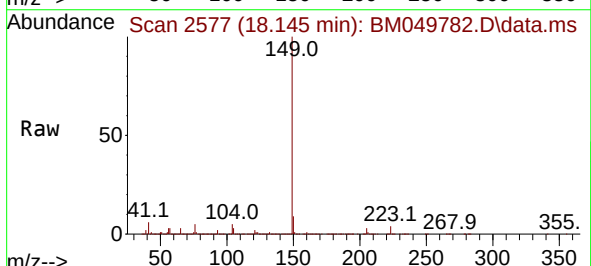
Tgt Ion:149 Resp: 3804877

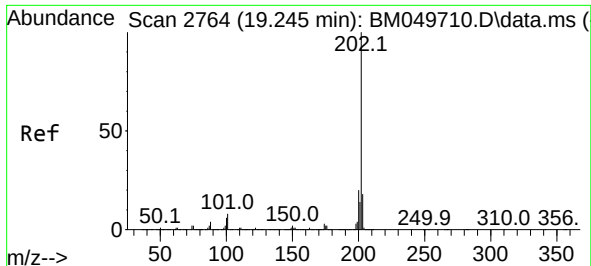
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

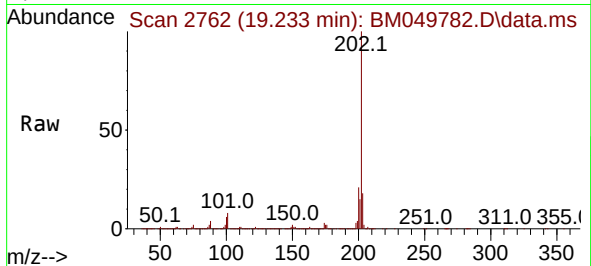
104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 51.531 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

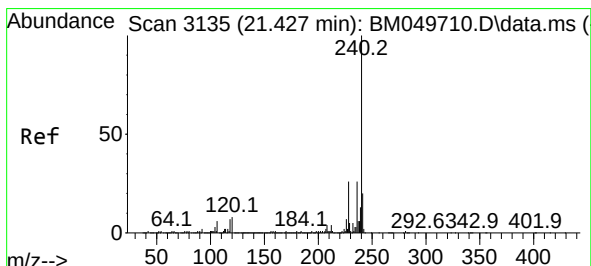
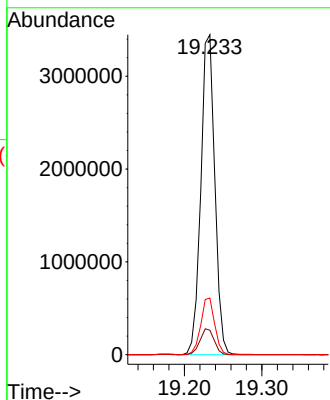
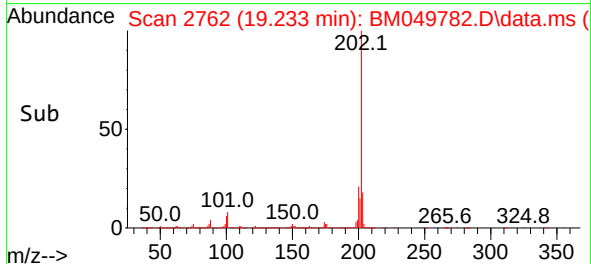
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



Tgt Ion:202 Resp: 4313639
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.8
203 17.7 0.0 37.6

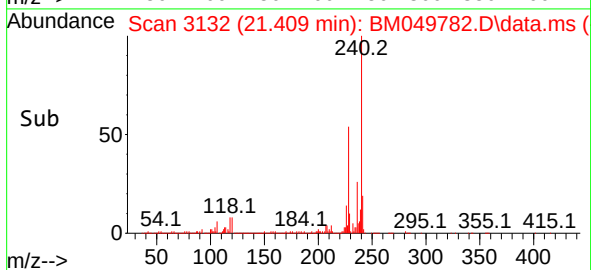
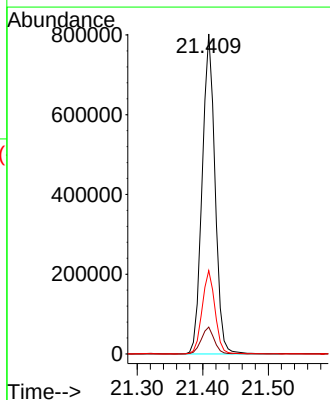
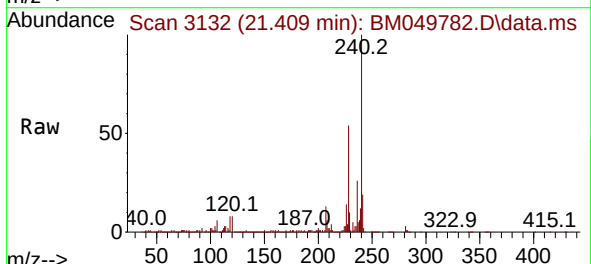
Manual Integrations
APPROVED

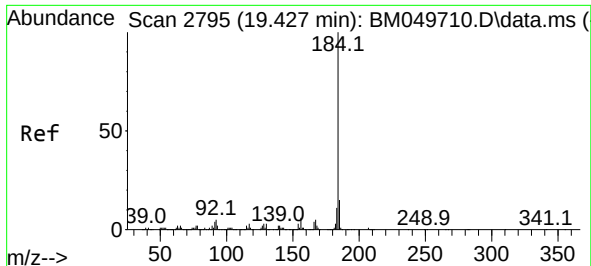
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

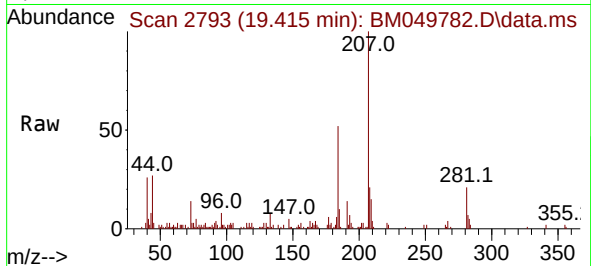
Tgt Ion:240 Resp: 1095692
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 26.1 20.7 31.1





#77
Benzidine
Concen: 1.431 ng m
RT: 19.415 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

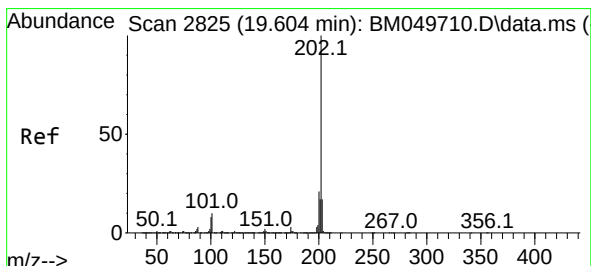
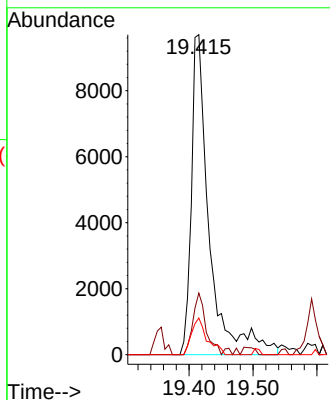
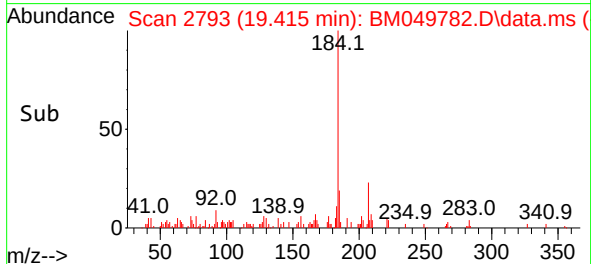
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



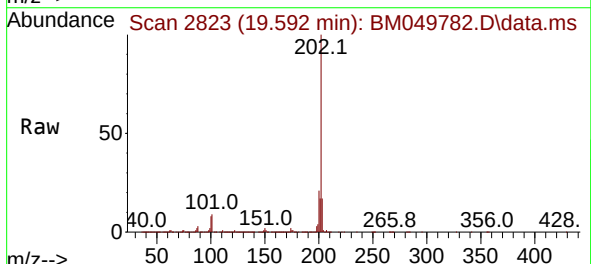
Tgt Ion:184 Resp: 1884
Ion Ratio Lower Upper
184 100
185 19.3 11.7 17.5
183 11.4 8.8 13.2

Manual Integrations
APPROVED

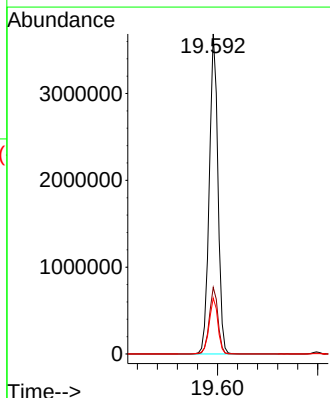
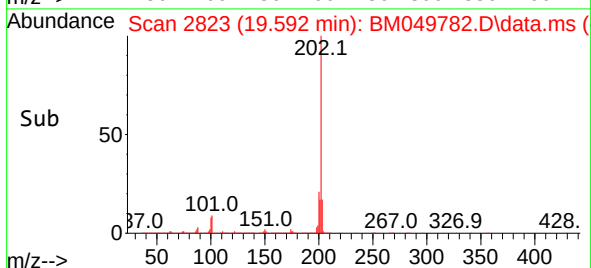
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

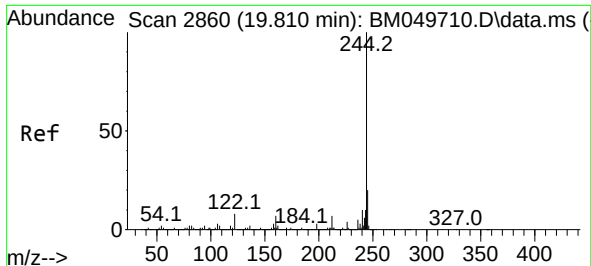


#78
Pyrene
Concen: 57.567 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



Tgt Ion:202 Resp: 4406837
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.5 14.0 21.0





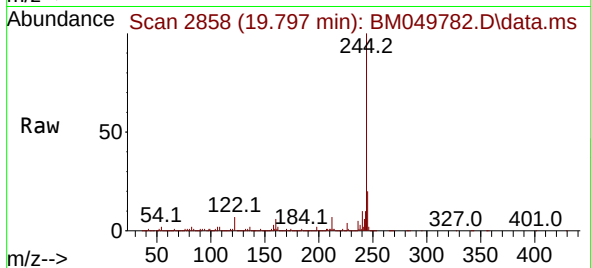
#79
 Terphenyl-d14
 Concen: 118.316 ng
 RT: 19.797 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049782.D
 Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

WC-1MSD

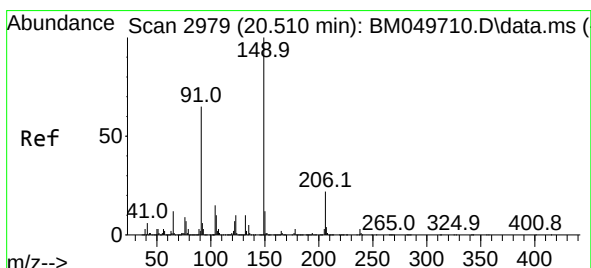
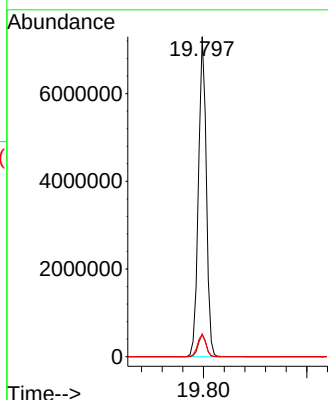
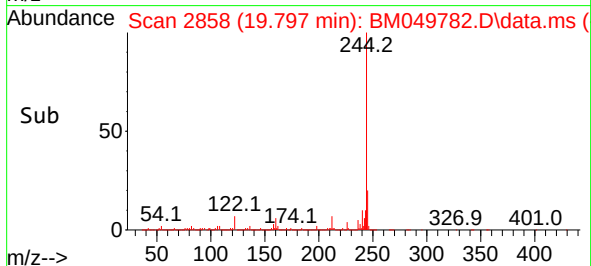


Tgt Ion:244 Resp: 769306
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 7.0 6.0 9.0

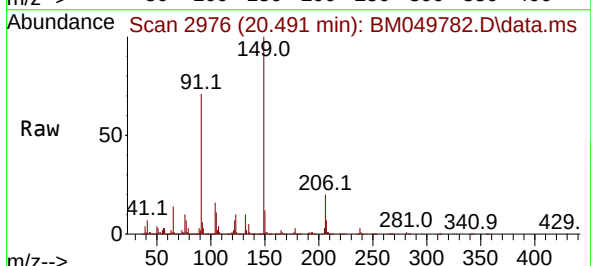
Manual Integrations

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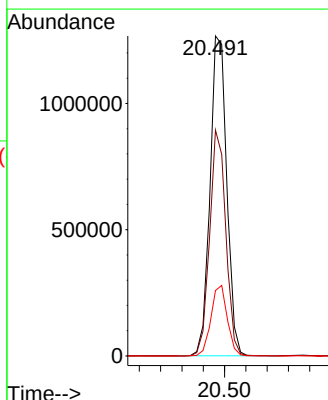
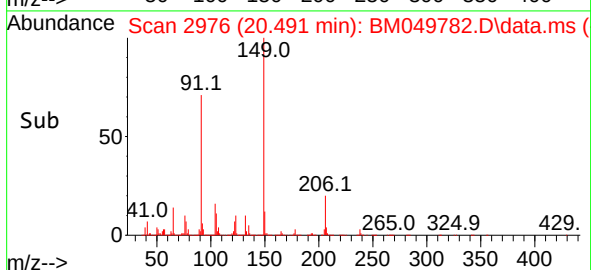
Reviewed By :Anahy Claudio 04/02/2025
 Supervised By :Jagrut Upadhyay 04/02/2025

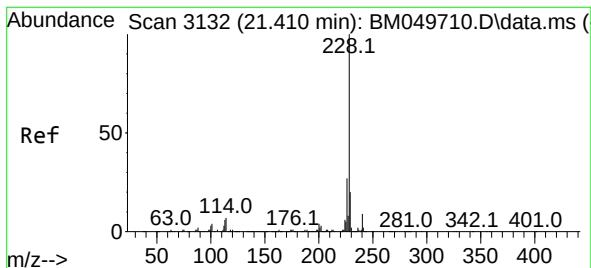


#80
 Butylbenzylphthalate
 Concen: 58.151 ng
 RT: 20.491 min Scan# 2976
 Delta R.T. -0.018 min
 Lab File: BM049782.D
 Acq: 01 Apr 2025 20:04



Tgt Ion:149 Resp: 1381488
 Ion Ratio Lower Upper
 149 100
 91 70.6 52.2 78.4
 206 20.5 17.6 26.4





#81

Benzo(a)anthracene

Concen: 55.649 ng

RT: 21.391 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

WC-1MSD

Tgt Ion:228 Resp: 407269

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

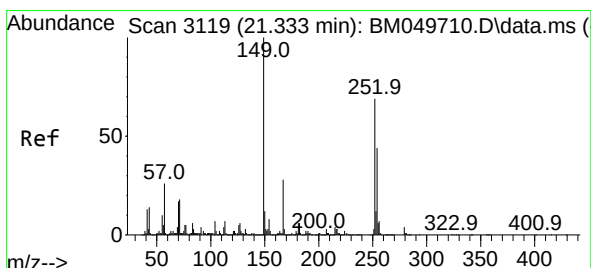
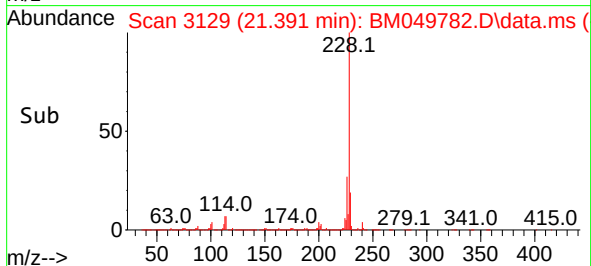
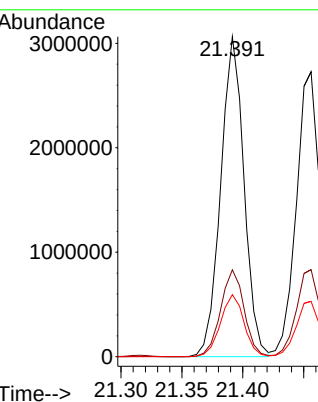
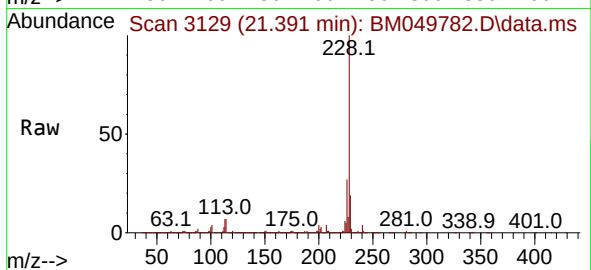
229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#82

3,3'-Dichlorobenzidine

Concen: 40.533 ng

RT: 21.315 min Scan# 3116

Delta R.T. -0.018 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

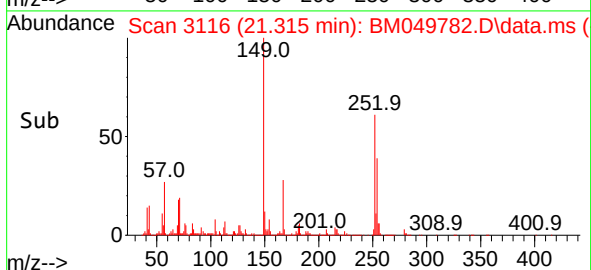
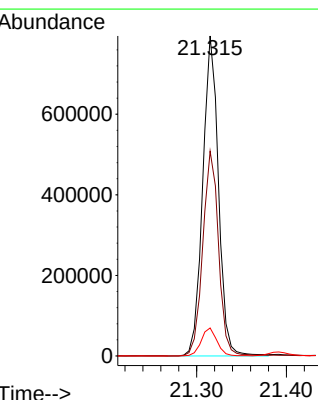
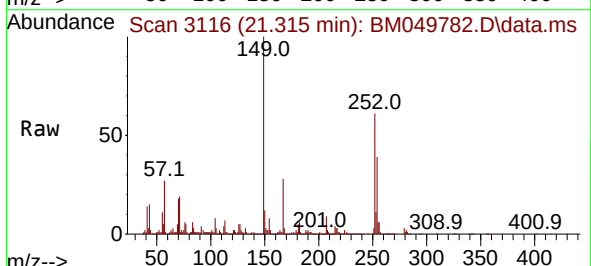
Tgt Ion:252 Resp: 965784

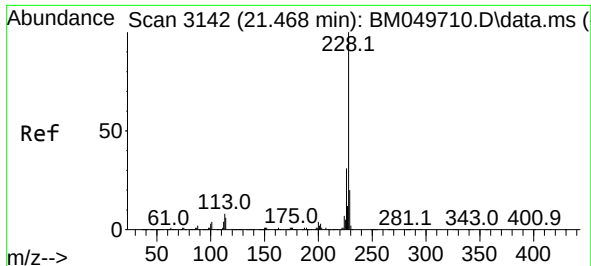
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.4

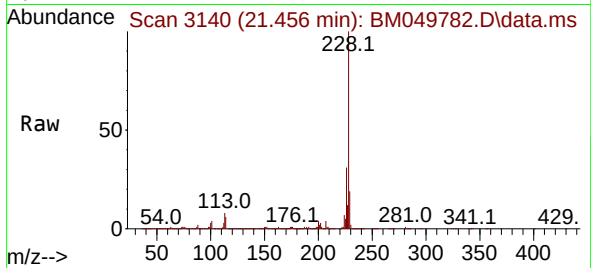
126 8.7 6.3 9.5





#83
Chrysene
Concen: 53.624 ng
RT: 21.456 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

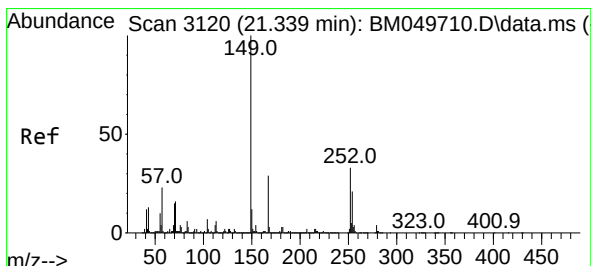
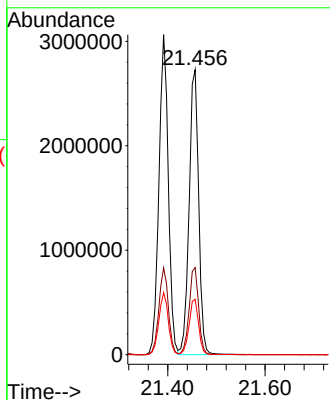
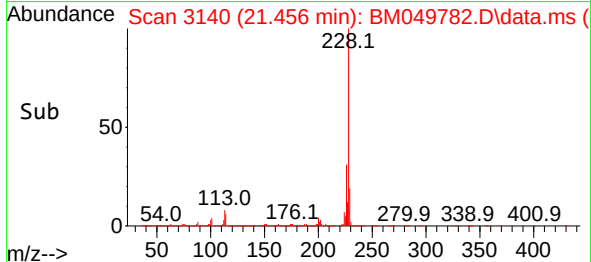
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



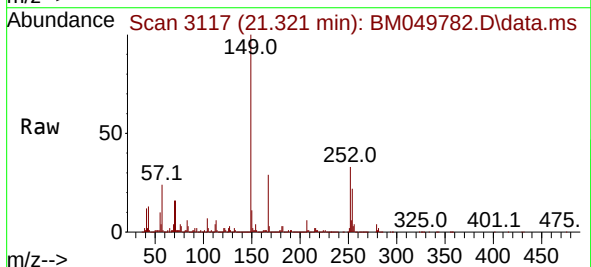
Tgt Ion:228 Resp: 372020
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.4 15.8 23.6

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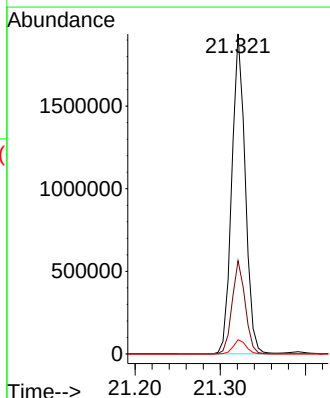
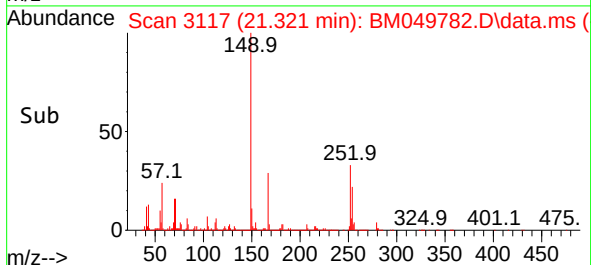
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

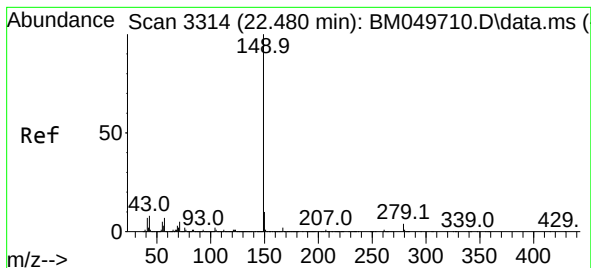


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.181 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



Tgt Ion:149 Resp: 2117077
Ion Ratio Lower Upper
149 100
167 29.1 22.9 34.3
279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.071 ng

RT: 22.456 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049782.D

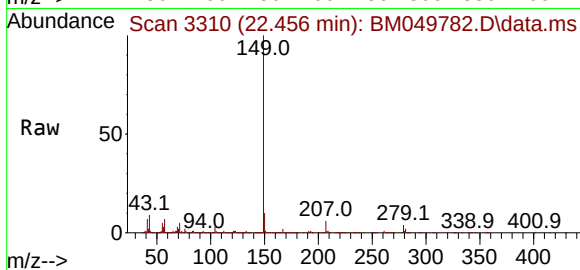
Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

WC-1MSD



Tgt Ion:149 Resp: 299642

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

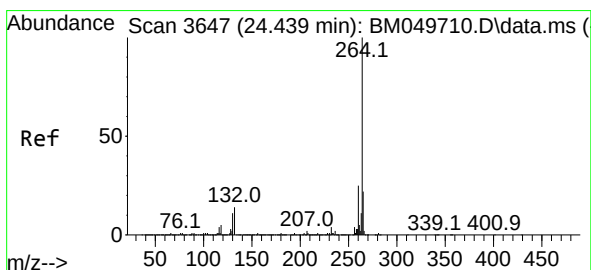
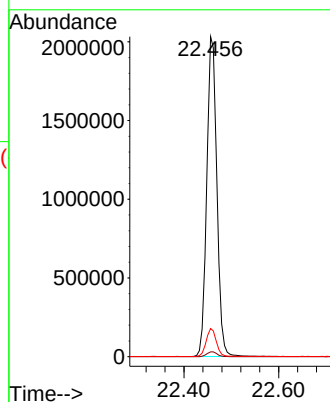
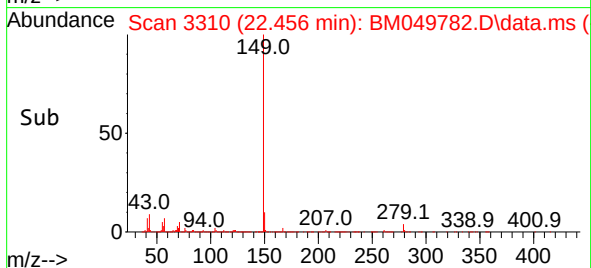
43 8.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

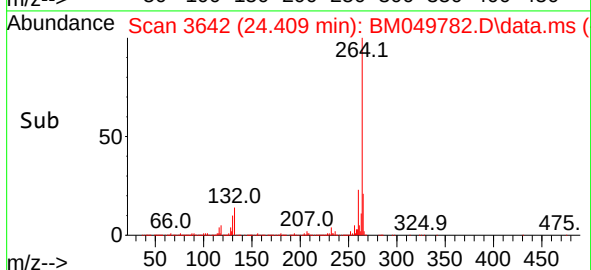
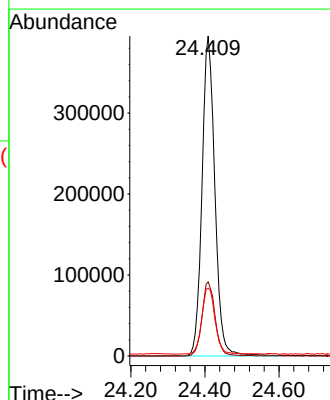
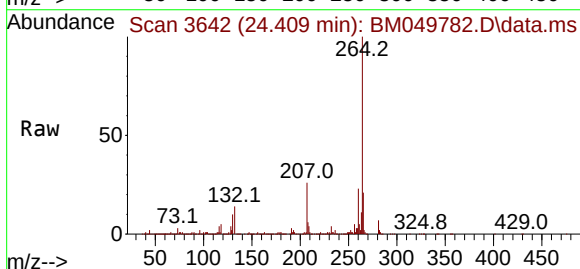
Tgt Ion:264 Resp: 950115

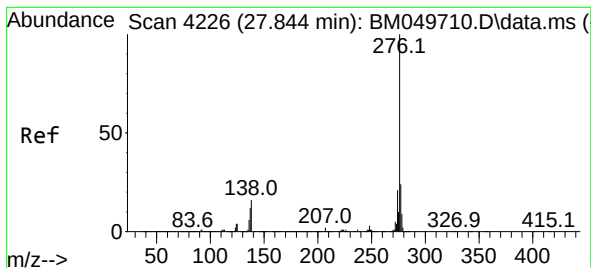
Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 21.2 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.550 ng

RT: 27.803 min Scan# 41

Delta R.T. -0.042 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

WC-1MSD

Tgt Ion:276 Resp: 386714

Ion Ratio Lower Upper

276 100

138 20.9 16.3 24.5

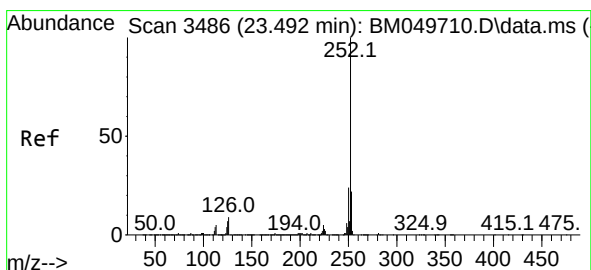
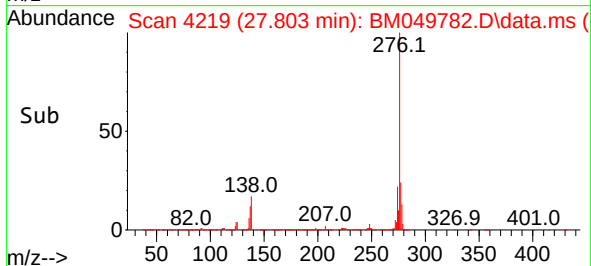
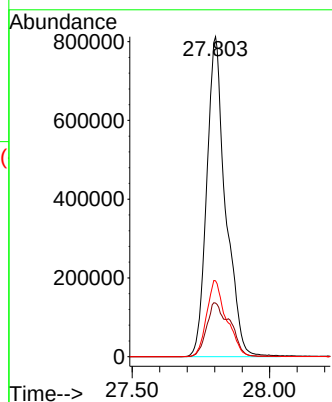
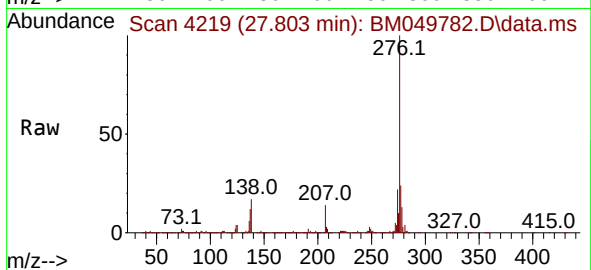
277 25.1 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#88

Benzo(b)fluoranthene

Concen: 54.554 ng

RT: 23.468 min Scan# 3482

Delta R.T. -0.024 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

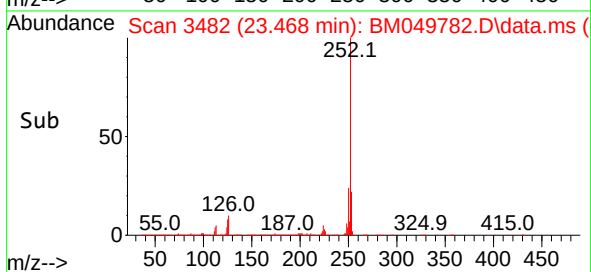
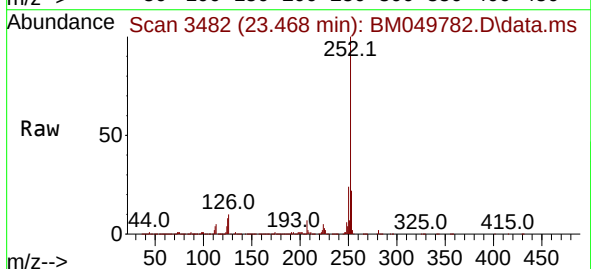
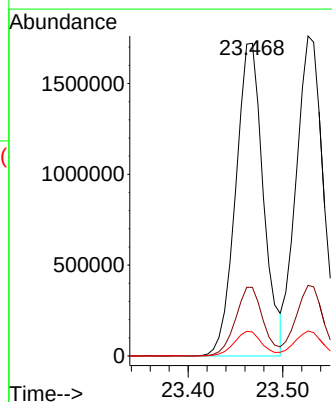
Tgt Ion:252 Resp: 3491101

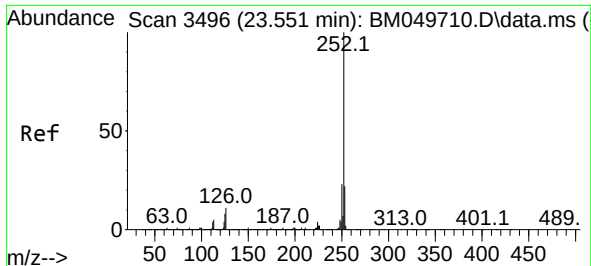
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

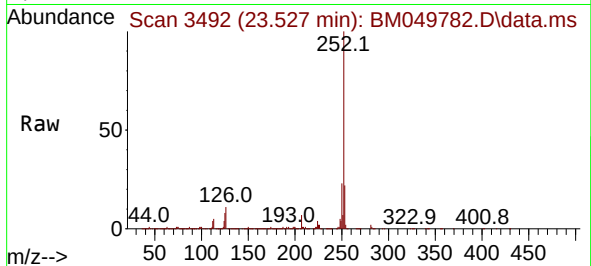
125 7.7 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 55.854 ng
RT: 23.527 min Scan# 3496
Delta R.T. -0.024 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04

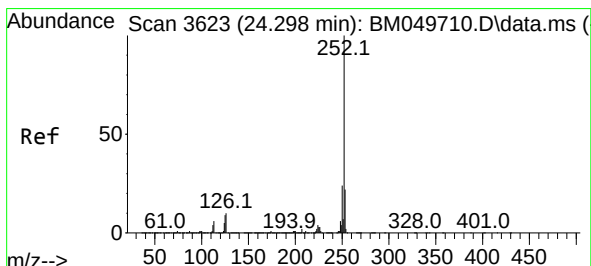
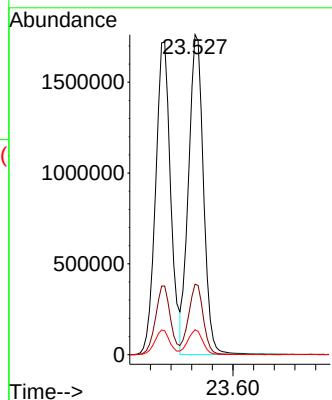
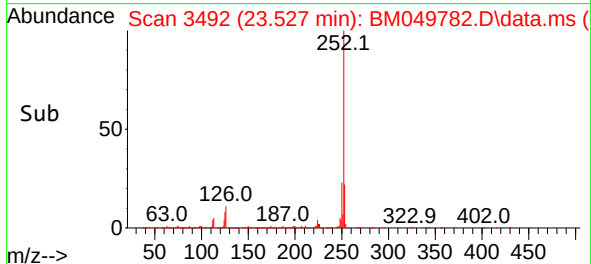
Instrument :
BNA_M
ClientSampleId :
WC-1MSD



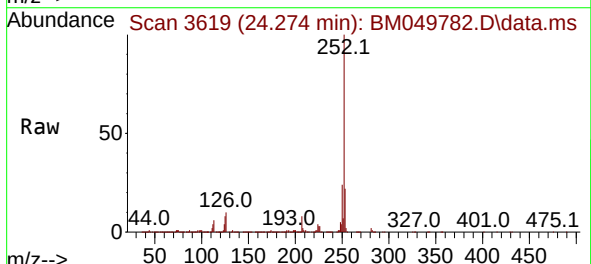
Tgt Ion:252 Resp: 3517090
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.8 6.2 9.2

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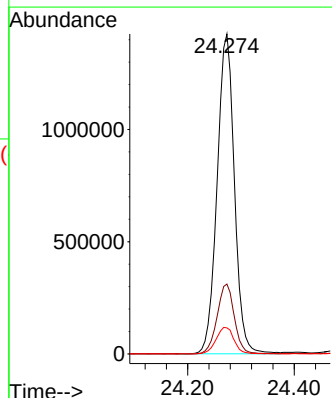
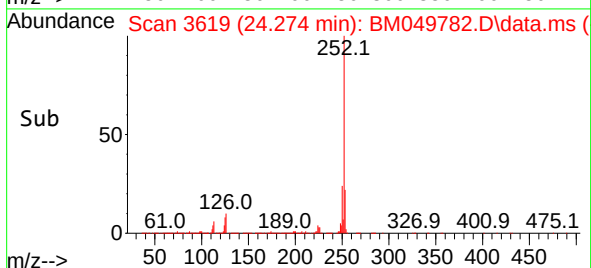
Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

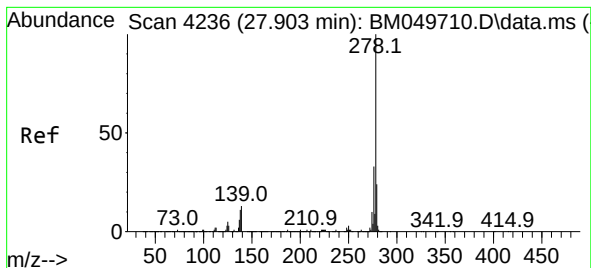


#90
Benzo(a)pyrene
Concen: 59.723 ng
RT: 24.274 min Scan# 3619
Delta R.T. -0.024 min
Lab File: BM049782.D
Acq: 01 Apr 2025 20:04



Tgt Ion:252 Resp: 3210222
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 56.167 ng

RT: 27.856 min Scan# 41

Delta R.T. -0.048 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Instrument :

BNA_M

ClientSampleId :

WC-1MSD

Tgt Ion:278 Resp: 320014

Ion Ratio Lower Upper

278 100

139 13.0 10.1 15.1

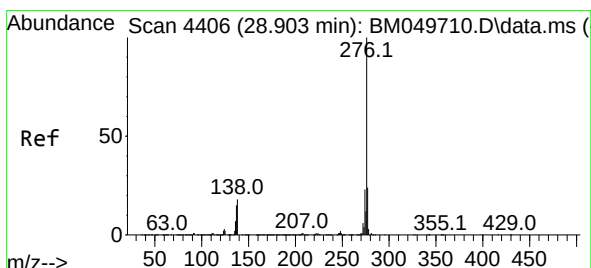
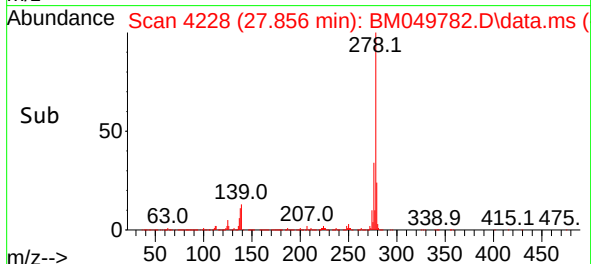
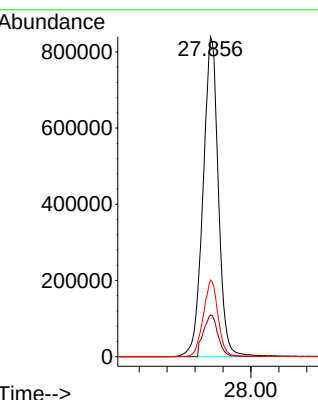
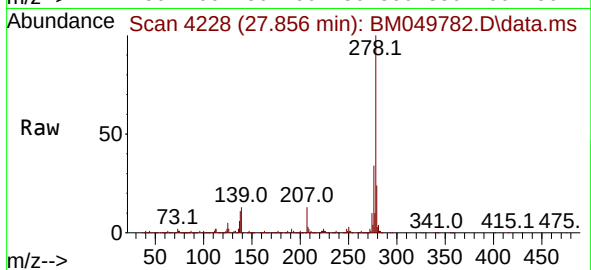
279 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/02/2025

Supervised By :Jagrut Upadhyay 04/02/2025



#92

Benzo(g,h,i)perylene

Concen: 53.150 ng

RT: 28.856 min Scan# 4398

Delta R.T. -0.048 min

Lab File: BM049782.D

Acq: 01 Apr 2025 20:04

Tgt Ion:276 Resp: 3050265

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 17.8 14.0 21.0

