

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
 Data File : BM049829.D
 Acq On : 04 Apr 2025 18:37
 Operator : RC/JU
 Sample : Q1721-02MS 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-040325MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 04 22:55:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	319524	20.000	ng	-0.02
21) Naphthalene-d8	10.586	136	1159626	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	781385	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1529677	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	1412224	20.000	ng	-0.02
86) Perylene-d12	24.421	264	1622359	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	418789	22.115	ng	-0.02
7) Phenol-d6	6.957	99	546077	22.979	ng	-0.02
23) Nitrobenzene-d5	8.940	82	308148	13.643	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	239914	26.294	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	825667	13.234	ng	-0.02
79) Terphenyl-d14	19.792	244	1059271	12.640	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	66853	8.155	ng	98
3) Pyridine	3.675	79	183862	8.782	ng	99
4) n-Nitrosodimethylamine	3.581	42	76115	8.217	ng	# 89
6) Aniline	7.116	93	186618	9.373	ng	97
8) 2-Chlorophenol	7.357	128	224696	11.982	ng	95
9) Benzaldehyde	6.928	77	130538	11.111	ng	96
10) Phenol	6.987	94	268619	11.657	ng	93
11) bis(2-Chloroethyl)ether	7.210	93	204738	10.972	ng	97
12) 1,3-Dichlorobenzene	7.681	146	259456	11.385	ng	97
13) 1,4-Dichlorobenzene	7.822	146	262534	11.419	ng	97
14) 1,2-Dichlorobenzene	8.140	146	255949	11.714	ng	99
15) Benzyl Alcohol	8.028	79	176093	11.808	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.316	45	246141	11.223	ng	97
17) 2-Methylphenol	8.234	107	175222	12.808	ng	96
18) Hexachloroethane	8.869	117	85003	10.470	ng	91
19) n-Nitroso-di-n-propyla...	8.592	70	150144	10.896	ng	98
20) 3+4-Methylphenols	8.563	107	235777	12.860	ng	97
22) Acetophenone	8.610	105	310779	10.394	ng	# 97
24) Nitrobenzene	8.987	77	219802	10.321	ng	97
25) Isophorone	9.516	82	418827	12.077	ng	97
26) 2-Nitrophenol	9.698	139	107243	11.831	ng	98
27) 2,4-Dimethylphenol	9.763	122	200239	17.354	ng	94
28) bis(2-Chloroethoxy)met...	9.992	93	265971	10.889	ng	98
29) 2,4-Dichlorophenol	10.234	162	234314	12.463	ng	96
30) 1,2,4-Trichlorobenzene	10.445	180	266632	11.335	ng	98
31) Naphthalene	10.634	128	672084	11.271	ng	99
32) Benzoic acid	9.851	122	111866m	11.400	ng	
33) 4-Chloroaniline	10.739	127	168784	8.294	ng	97
34) Hexachlorobutadiene	10.922	225	167080	11.506	ng	98
35) Caprolactam	11.510	113	57620	13.200	ng	92
36) 4-Chloro-3-methylphenol	11.875	107	199134	12.342	ng	96
37) 2-Methylnaphthalene	12.251	142	454299	10.896	ng	99
38) 1-Methylnaphthalene	12.469	142	469772	11.678	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	302721	10.547	ng	99
41) Hexachlorocyclopentadiene	12.604	237	61649	5.798	ng	95
43) 2,4,6-Trichlorophenol	12.863	196	193074	12.011	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	214642	12.236	ng	98
46) 1,1'-Biphenyl	13.263	154	657119	10.912	ng	98
47) 2-Chloronaphthalene	13.304	162	526831	11.239	ng	99
48) 2-Nitroaniline	13.504	65	116547	11.076	ng	94
49) Acenaphthylene	14.151	152	809698	12.358	ng	99
50) Dimethylphthalate	13.886	163	607903	11.300	ng	99
51) 2,6-Dinitrotoluene	14.004	165	119068	11.046	ng	91
52) Acenaphthene	14.498	154	498687	11.603	ng	99
53) 3-Nitroaniline	14.327	138	95660	9.326	ng #	99
54) 2,4-Dinitrophenol	14.539	184	30528	9.666	ng	97
55) Dibenzofuran	14.827	168	813576	11.361	ng	100
56) 4-Nitrophenol	14.651	139	221020	24.753	ng	90
57) 2,4-Dinitrotoluene	14.792	165	163120	11.760	ng	92
58) Fluorene	15.480	166	692161	11.871	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	176794m	12.040	ng	
60) Diethylphthalate	15.251	149	585778	11.561	ng	99
61) 4-Chlorophenyl-phenyle...	15.474	204	332632	10.447	ng	96
62) 4-Nitroaniline	15.492	138	106279	11.784	ng	90
63) Azobenzene	15.768	77	538207	11.121	ng	93
65) 4,6-Dinitro-2-methylph...	15.557	198	27336	6.849	ng	87
66) n-Nitrosodiphenylamine	15.686	169	552434	11.920	ng	97
67) 4-Bromophenyl-phenylether	16.368	248	201975	11.436	ng	99
68) Hexachlorobenzene	16.486	284	232143	11.689	ng	99
69) Atrazine	16.639	200	195957	19.185	ng	99
70) Pentachlorophenol	16.827	266	297614	23.846	ng	99
71) Phenanthrene	17.215	178	1315428	15.487	ng	100
72) Anthracene	17.304	178	1074203	13.059	ng	100
73) Carbazole	17.574	167	924533	12.410	ng	100
74) Di-n-butylphthalate	18.145	149	1050840	12.870	ng	99
75) Fluoranthene	19.233	202	1412660	14.446	ng	99
77) Benzidine	19.409	184	668659	39.411	ng	99
78) Pyrene	19.592	202	1398205	14.171	ng	99
80) Butylbenzylphthalate	20.492	149	450830	14.723	ng	98
81) Benzo(a)anthracene	21.392	228	1245757	13.207	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	369370	12.027	ng	99
83) Chrysene	21.450	228	1131306	12.652	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	666803	13.973	ng	97
85) Di-n-octyl phthalate	22.450	149	1156643	15.595	ng	96
87) Indeno(1,2,3-cd)pyrene	27.809	276	1438682	12.321	ng	100
88) Benzo(b)fluoranthene	23.468	252	1243499	11.380	ng #	98
89) Benzo(k)fluoranthene	23.527	252	1172841	10.908	ng #	97
90) Benzo(a)pyrene	24.274	252	1183985	12.900	ng	96
91) Dibenzo(a,h)anthracene	27.868	278	1139935	11.717	ng	97
92) Benzo(g,h,i)perylene	28.868	276	1183328	12.075	ng	98

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

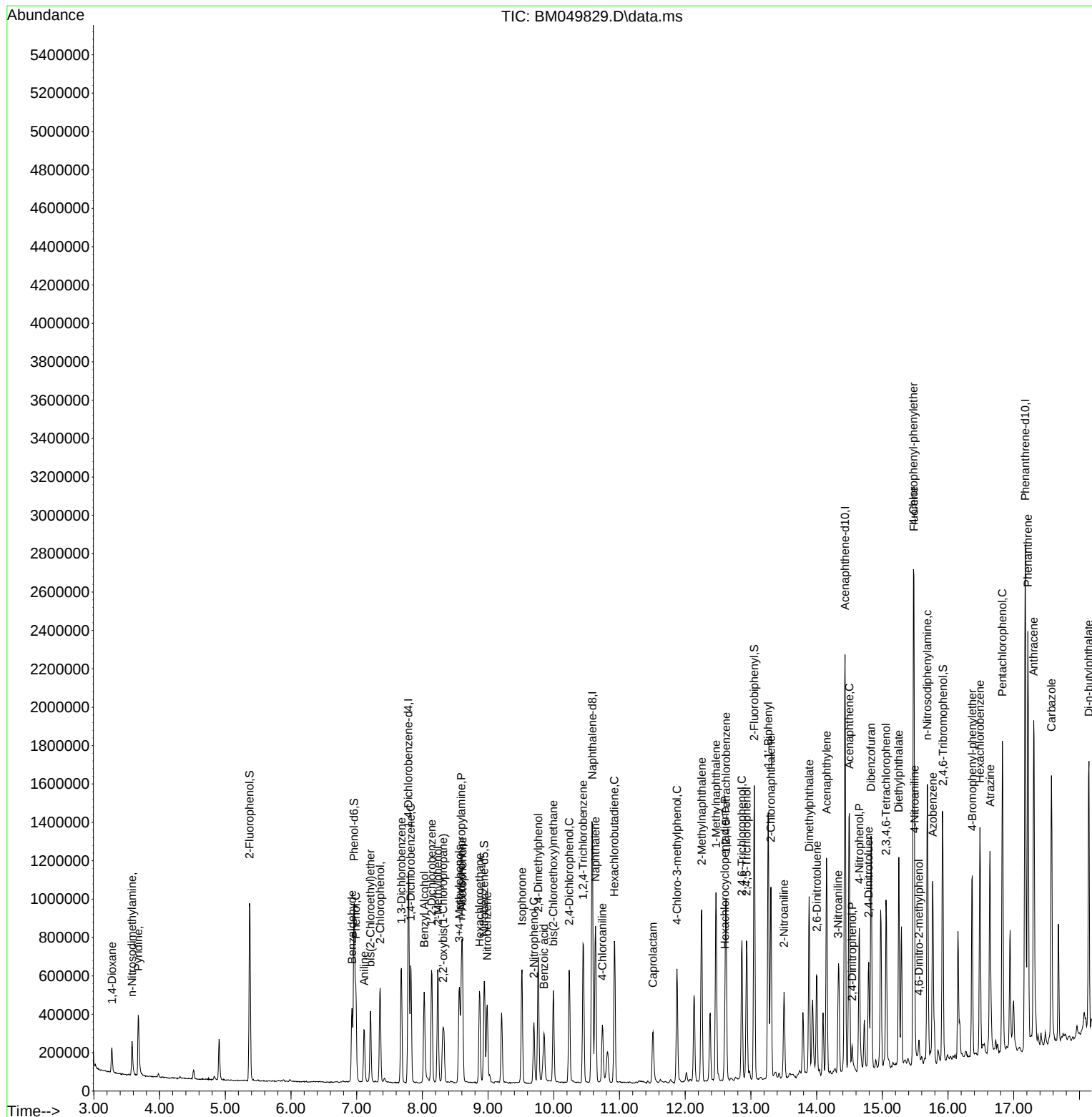
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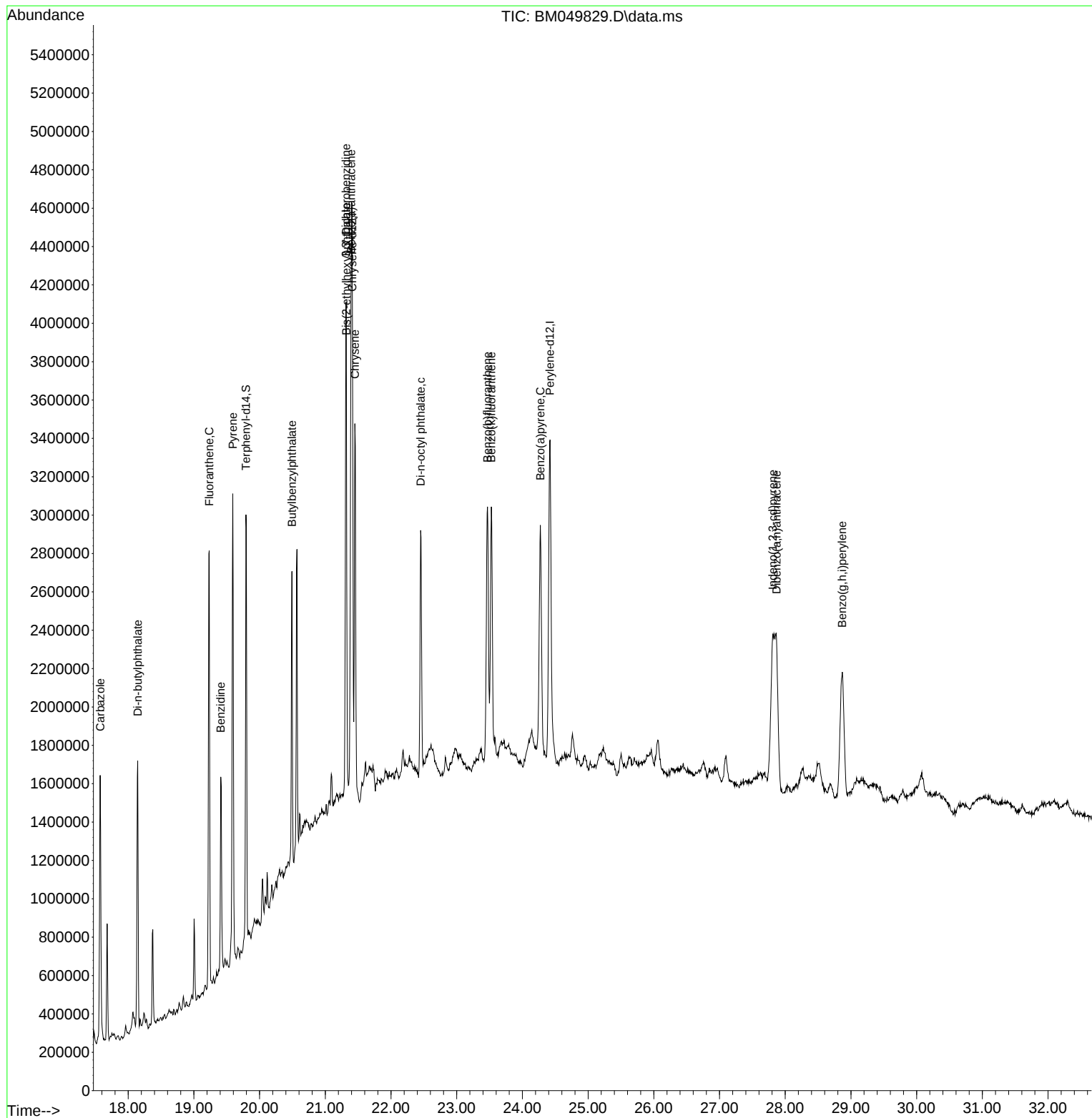
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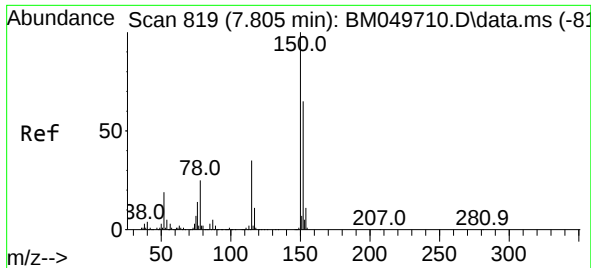
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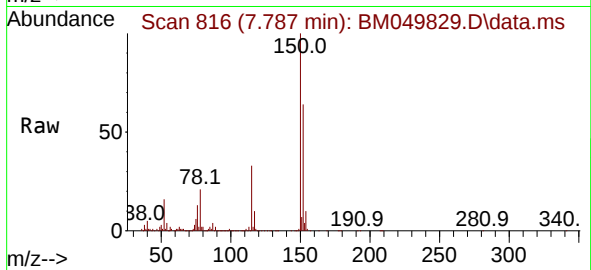
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.787 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BM049829.D
 Acq: 04 Apr 2025 18:37

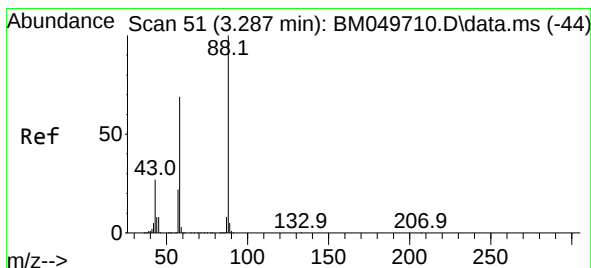
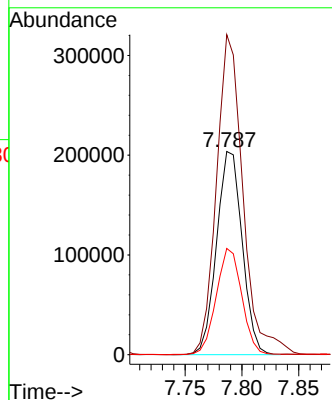
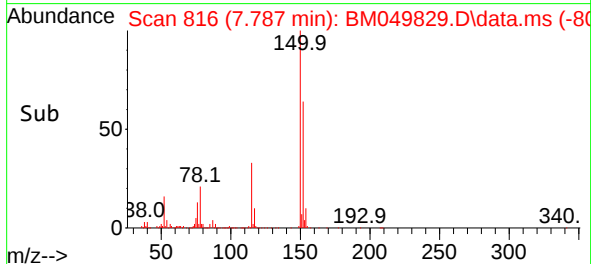
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Tgt Ion:152 Resp: 319524
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.8 185.8
 115 52.3 43.0 64.6

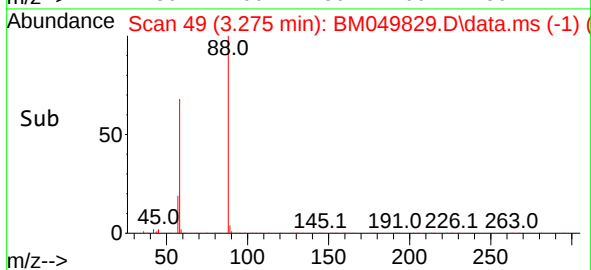
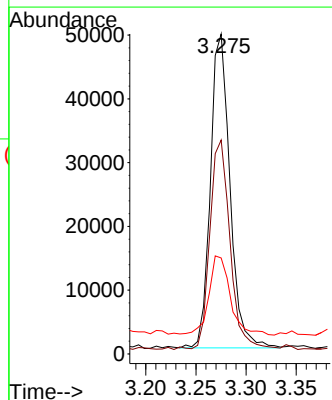
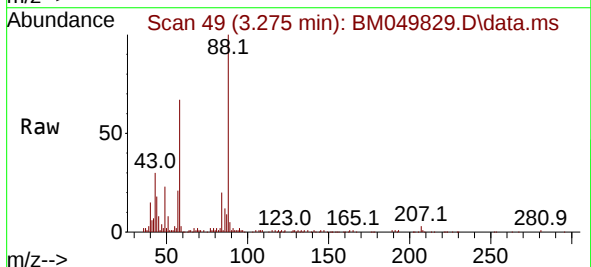
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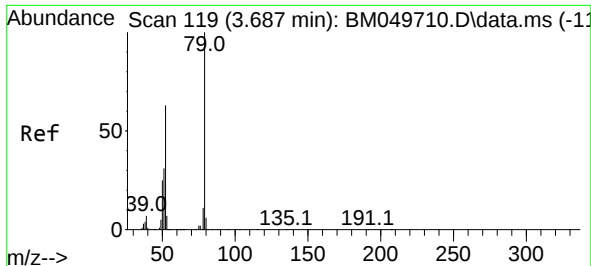
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#2
 1,4-Dioxane
 Concen: 8.155 ng
 RT: 3.275 min Scan# 49
 Delta R.T. -0.012 min
 Lab File: BM049829.D
 Acq: 04 Apr 2025 18:37

Tgt Ion: 88 Resp: 66853
 Ion Ratio Lower Upper
 88 100
 58 69.1 56.7 85.1
 43 27.7 22.6 34.0





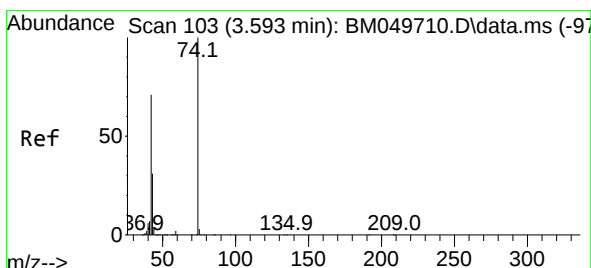
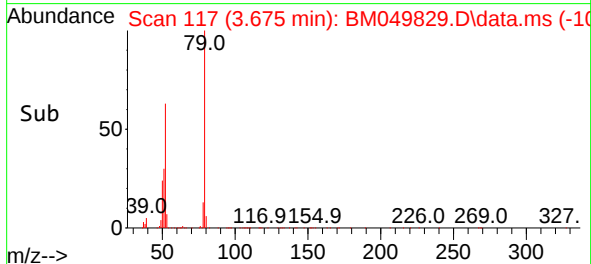
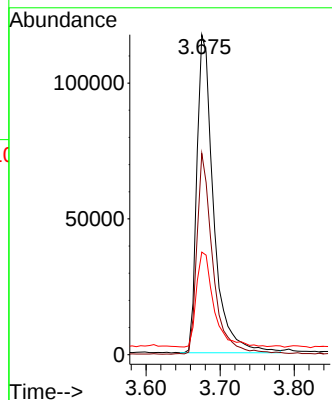
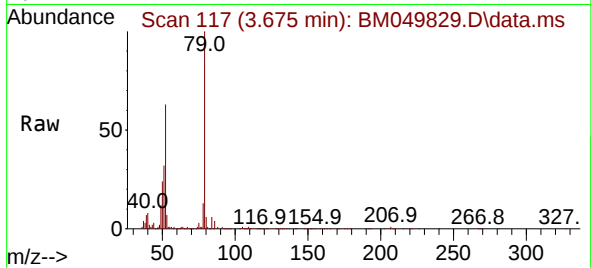
#3
Pyridine
Concen: 8.782 ng
RT: 3.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Instrument :
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Tgt Ion: 79 Resp: 18386
Ion Ratio Lower Upper
79 100
52 62.9 50.1 75.1
51 32.1 25.2 37.8

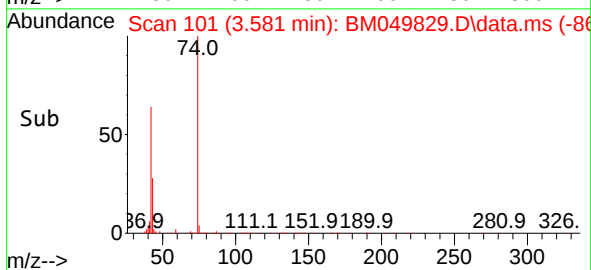
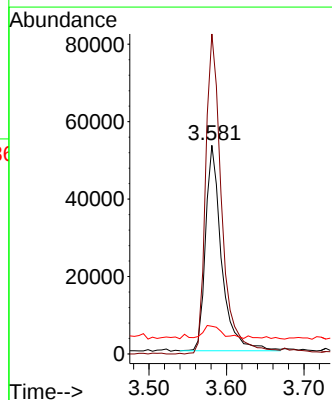
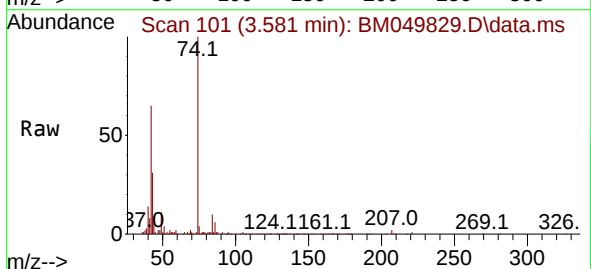
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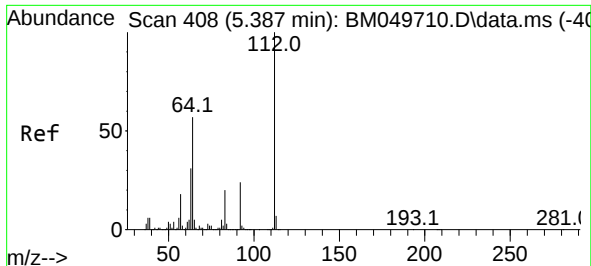
Reviewed By :Anahy Claudio 04/07/2025
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#4
n-Nitrosodimethylamine
Concen: 8.217 ng
RT: 3.581 min Scan# 101
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

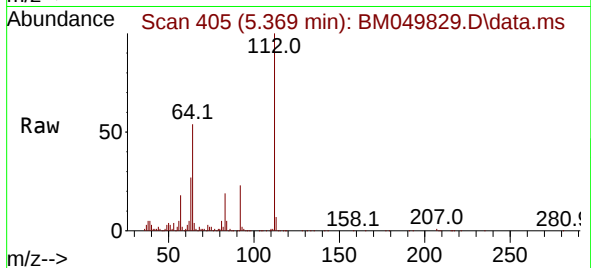
Tgt Ion: 42 Resp: 76115
Ion Ratio Lower Upper
42 100
74 153.3 112.6 168.8
44 13.2 5.0 7.6#





#5
2-Fluorophenol
Concen: 22.115 ng
RT: 5.369 min Scan# 408
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

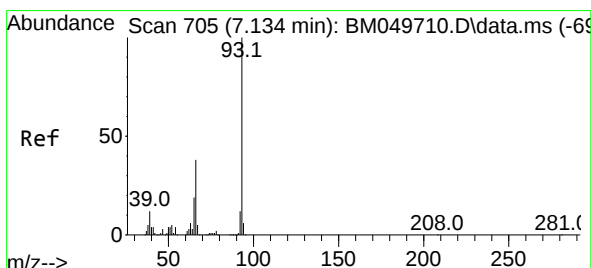
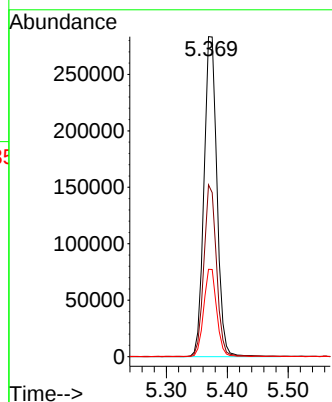
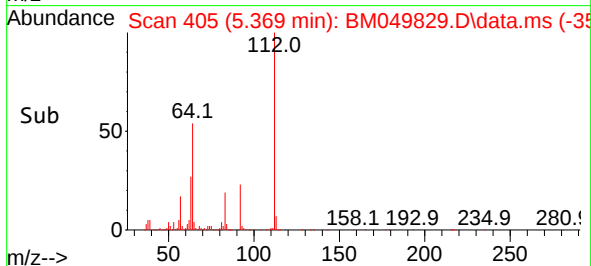
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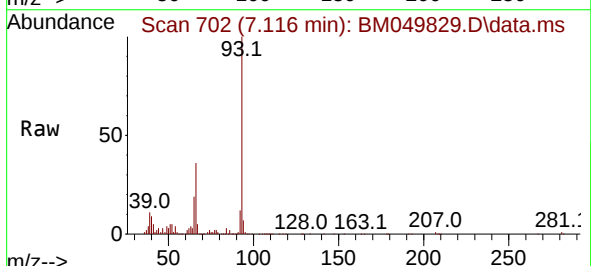
Tgt Ion: 112 Resp: 418789
Ion Ratio Lower Upper
112 100
64 53.7 45.3 67.9
63 27.3 24.4 36.6

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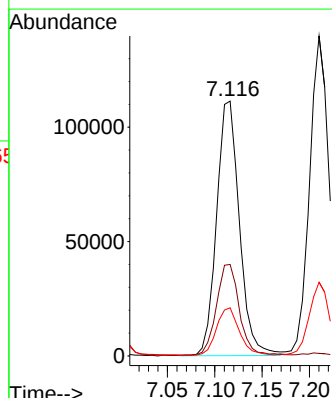
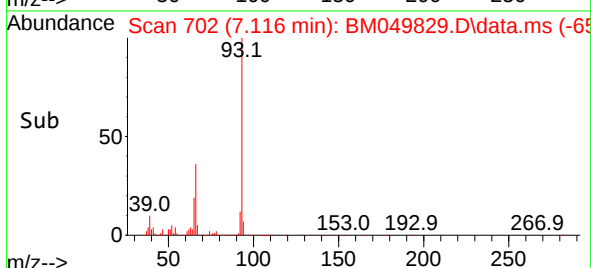
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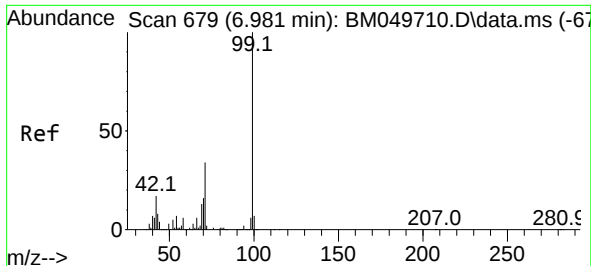


#6
Aniline
Concen: 9.373 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



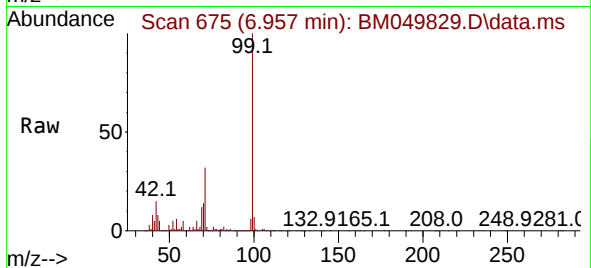
Tgt Ion: 93 Resp: 186618
Ion Ratio Lower Upper
93 100
66 35.9 30.6 46.0
65 18.9 15.4 23.2





#7
Phenol-d6
Concen: 22.979 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.024 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

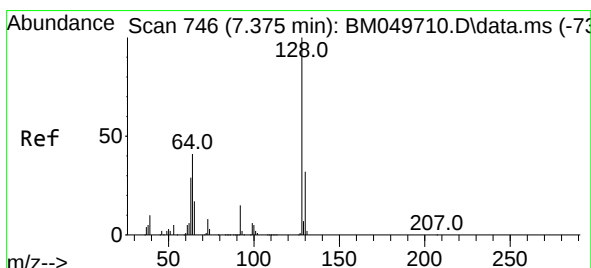
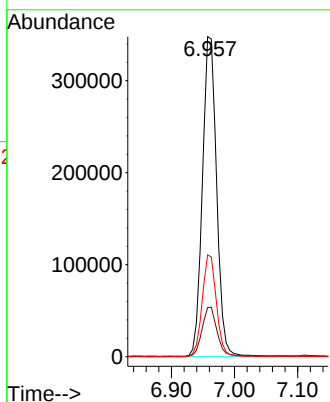
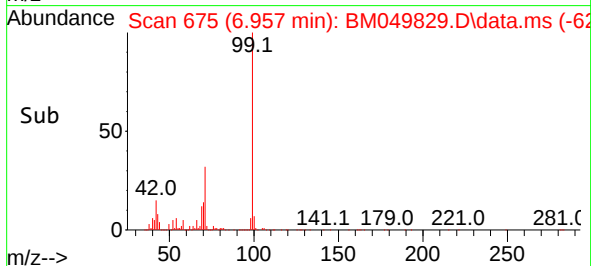
Instrument :
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Tgt Ion: 99 Resp: 54607
Ion Ratio Lower Upper
99 100
42 15.4 13.6 20.4
71 31.8 27.0 40.6

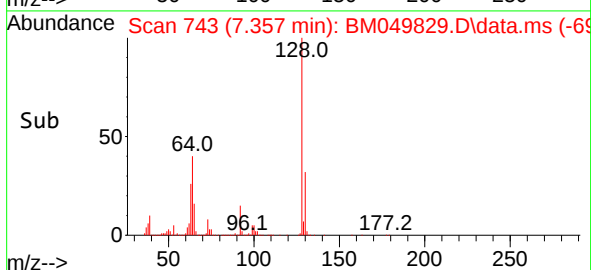
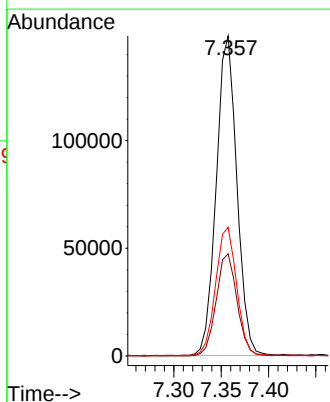
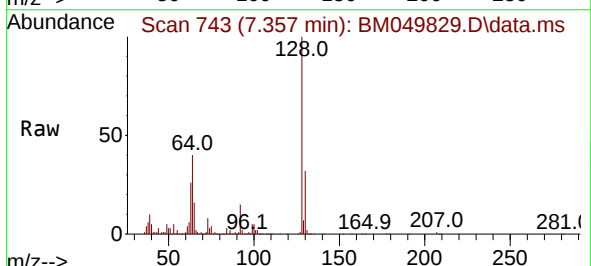
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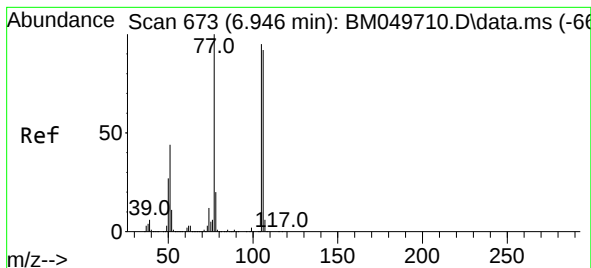
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#8
2-Chlorophenol
Concen: 11.982 ng
RT: 7.357 min Scan# 743
Delta R.T. -0.018 min
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Tgt Ion:128 Resp: 224696
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 40.2 24.9 64.9





#9

Benzaldehyde

Concen: 11.111 ng

RT: 6.928 min Scan# 61

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

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Tgt Ion: 77 Resp: 130538

Ion Ratio Lower Upper

77 100

105 100.0 75.0 115.0

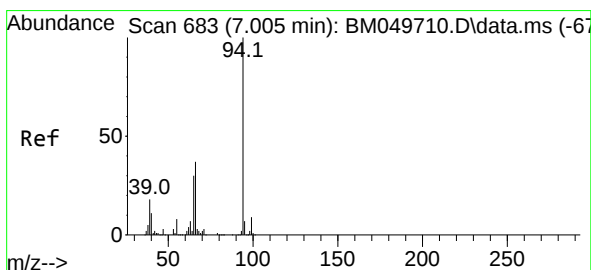
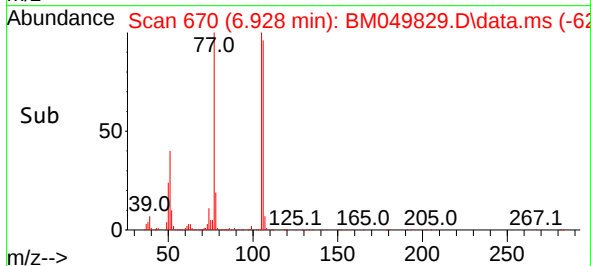
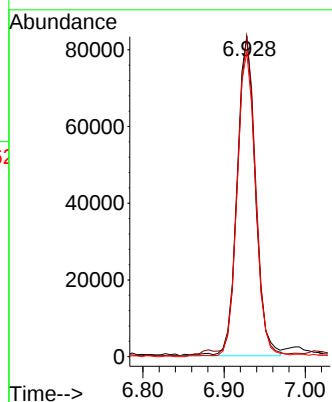
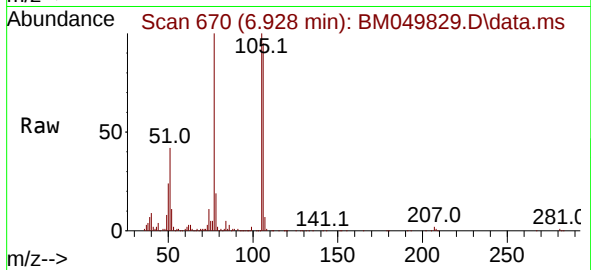
106 95.2 72.3 112.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#10

Phenol

Concen: 11.657 ng

RT: 6.987 min Scan# 680

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

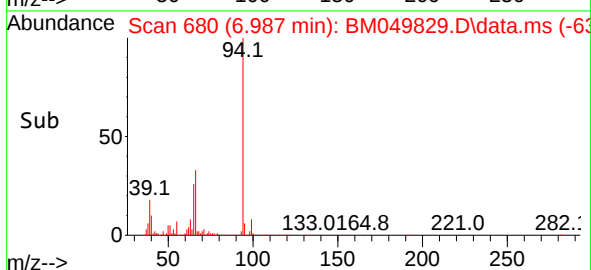
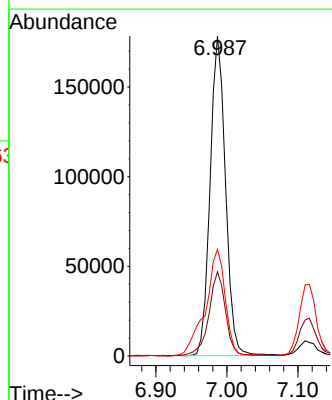
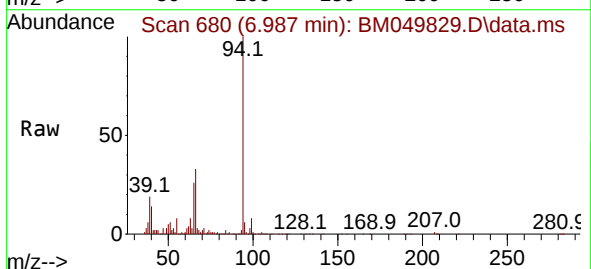
Tgt Ion: 94 Resp: 268619

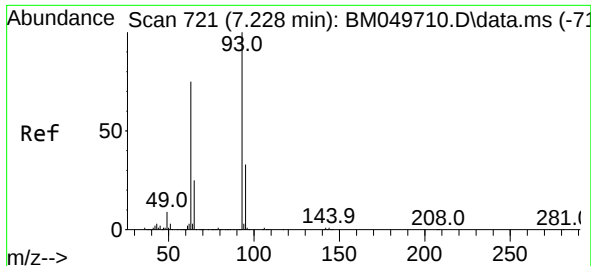
Ion Ratio Lower Upper

94 100

65 26.3 10.4 50.4

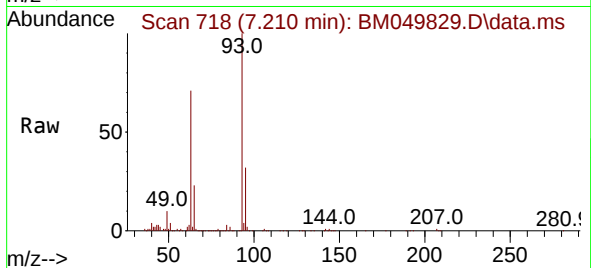
66 33.2 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 10.972 ng
RT: 7.210 min Scan# 710
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

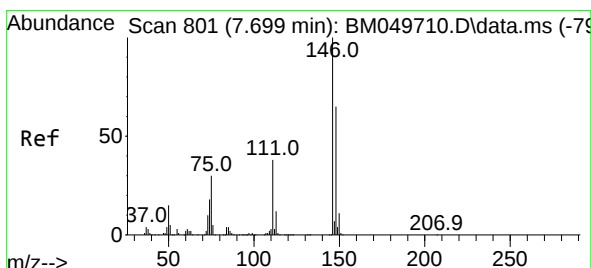
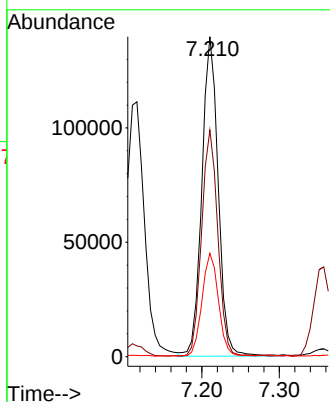
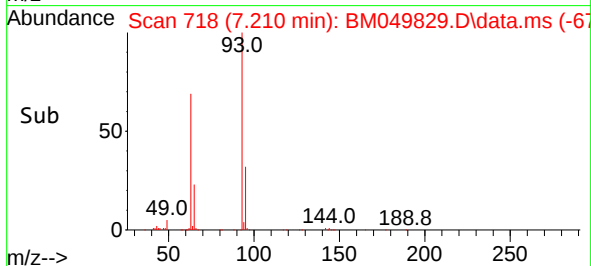
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion: 93 Resp: 204738
Ion Ratio Lower Upper
93 100
63 70.9 54.8 94.8
95 32.3 12.8 52.8

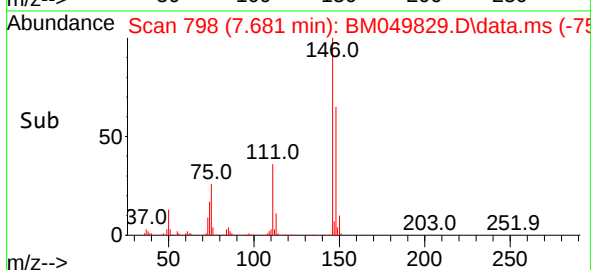
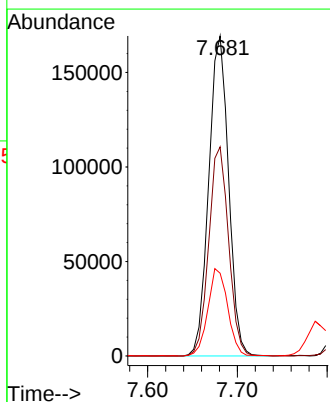
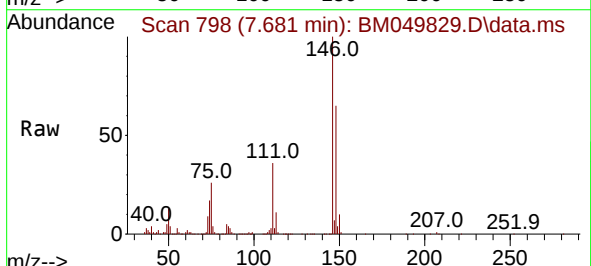
Manual Integrations
APPROVED

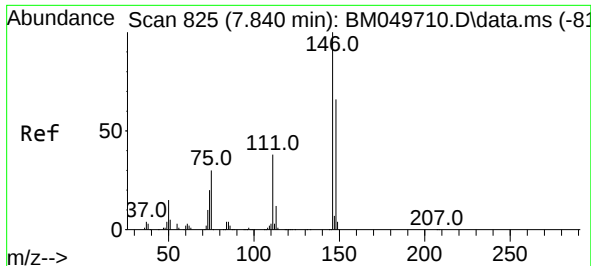
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#12
1,3-Dichlorobenzene
Concen: 11.385 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:146 Resp: 259456
Ion Ratio Lower Upper
146 100
148 65.4 52.3 78.5
75 25.9 24.2 36.2





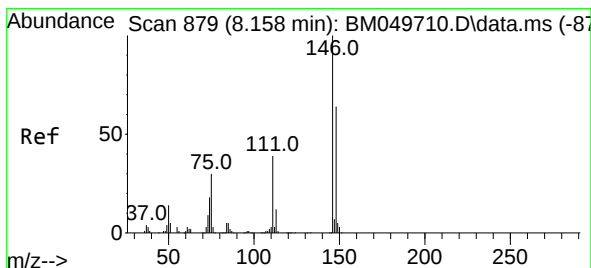
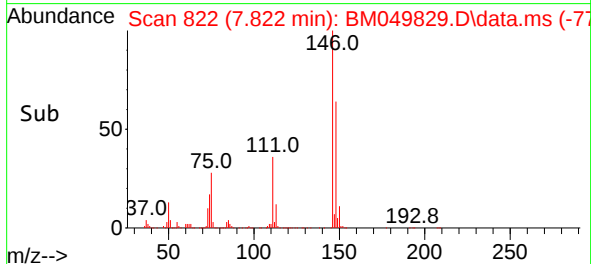
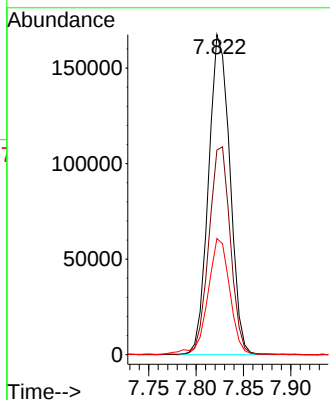
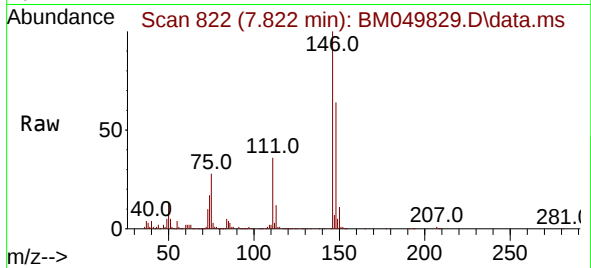
#13
1,4-Dichlorobenzene
Concen: 11.419 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Tgt Ion:146 Resp: 262534
Ion Ratio Lower Upper
146 100
148 63.9 52.6 79.0
111 36.3 30.8 46.2

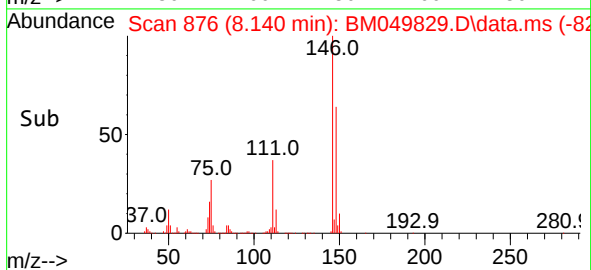
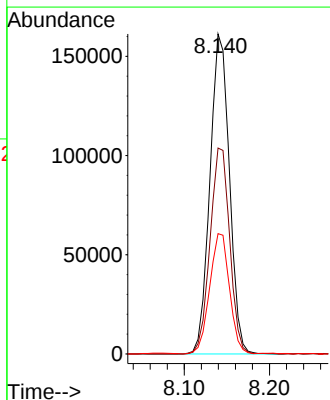
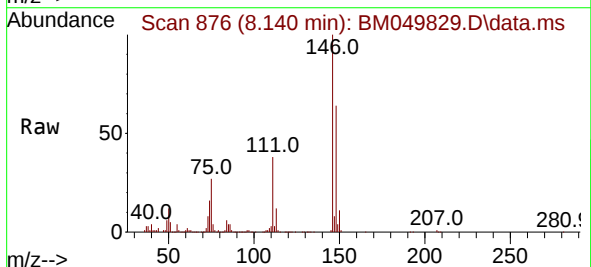
Manual Integrations
APPROVED

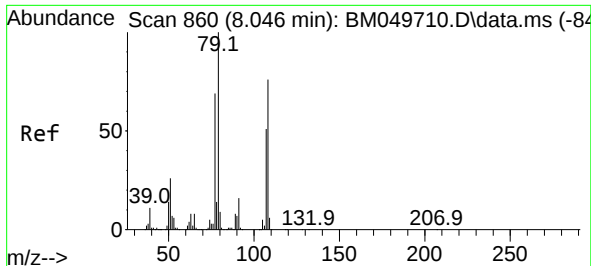
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#14
1,2-Dichlorobenzene
Concen: 11.714 ng
RT: 8.140 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

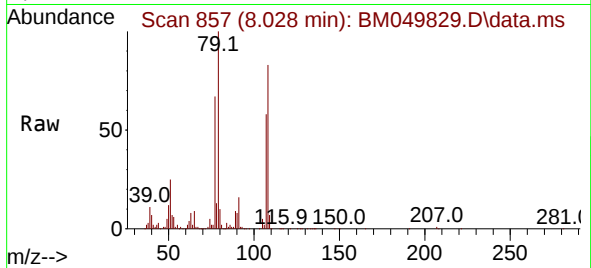
Tgt Ion:146 Resp: 255949
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 37.6 31.0 46.6





#15
Benzyl Alcohol
Concen: 11.808 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

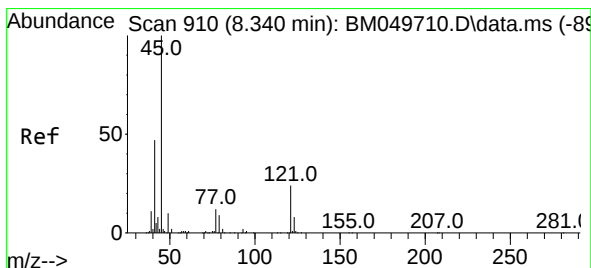
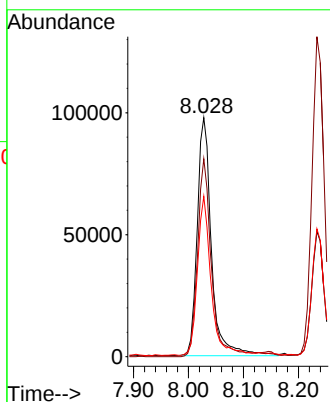
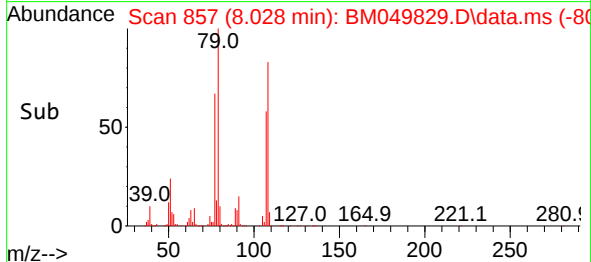
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



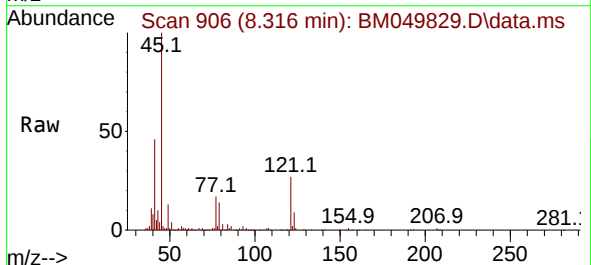
Tgt Ion: 79 Resp: 17609
Ion Ratio Lower Upper
79 100
108 82.8 60.7 91.1
77 67.1 55.4 83.2

Manual Integrations
APPROVED

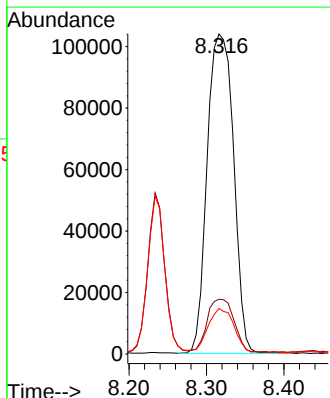
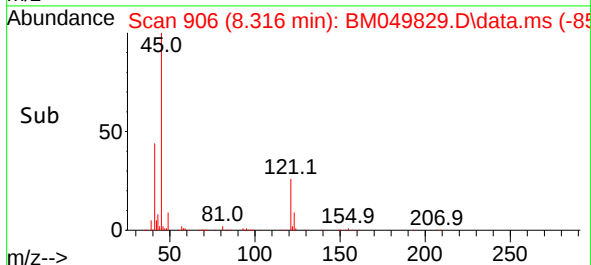
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

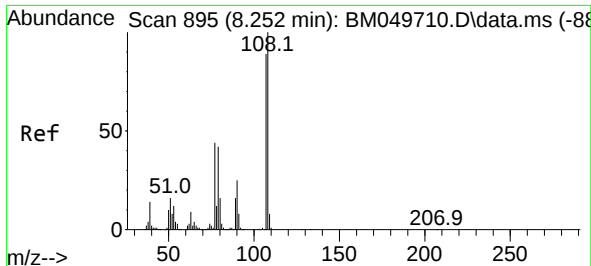


#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.223 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.024 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



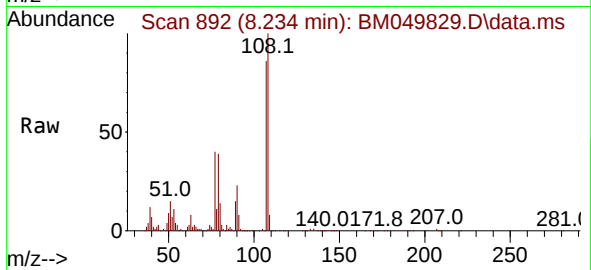
Tgt Ion: 45 Resp: 246141
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.1
79 14.2 0.0 32.8





#17
2-Methylphenol
Concen: 12.808 ng
RT: 8.234 min Scan# 895
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

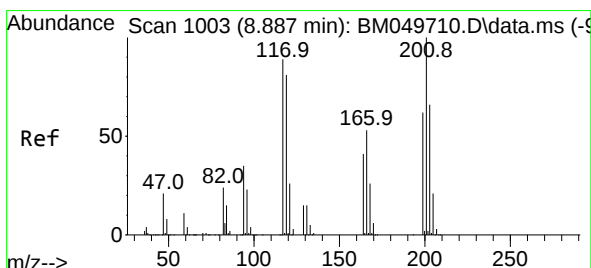
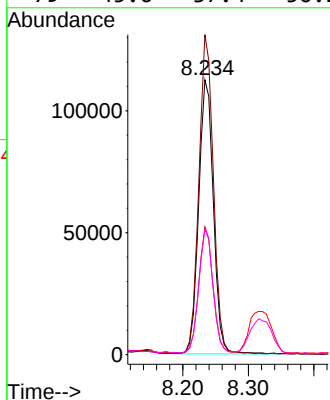
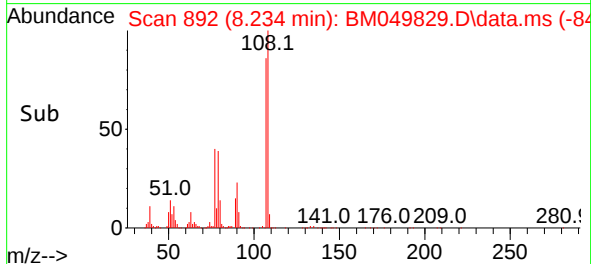
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:	107	Resp:	17522
Ion Ratio	Lower	Upper	
107	100		
108	116.5	89.6	134.4
77	46.5	39.8	59.6
79	45.6	37.4	56.2

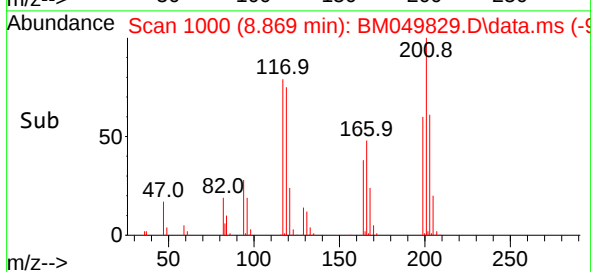
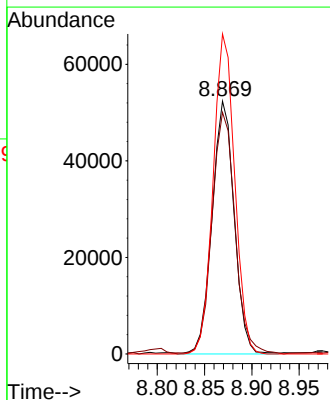
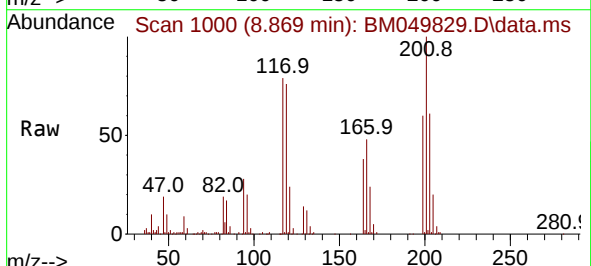
Manual Integrations
APPROVED

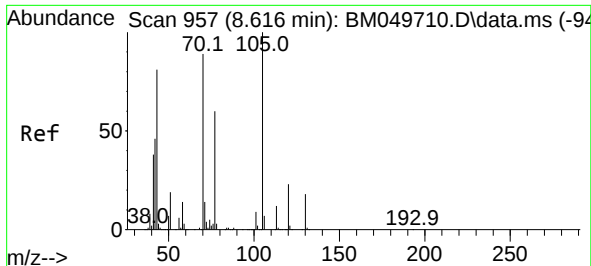
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#18
Hexachloroethane
Concen: 10.470 ng
RT: 8.869 min Scan# 1000
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

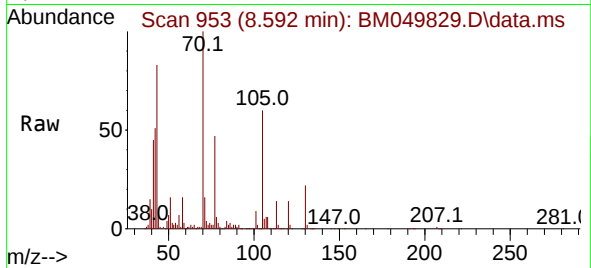
Tgt Ion:	117	Resp:	85003
Ion Ratio	Lower	Upper	
117	100		
119	95.6	73.1	109.7
201	126.6	90.0	135.0





#19
n-Nitroso-di-n-propylamine
Concen: 10.896 ng
RT: 8.592 min Scan# 911
Delta R.T. -0.024 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

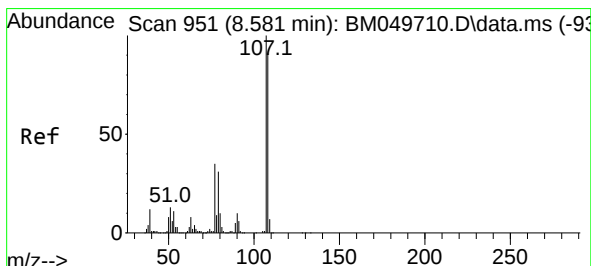
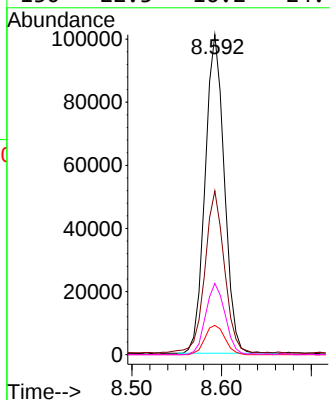
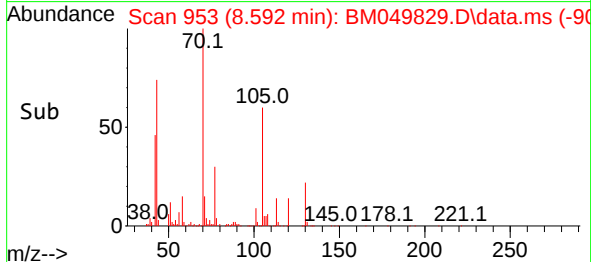
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion: 70 Resp: 150144
Ion Ratio Lower Upper
70 100
42 51.2 41.8 62.6
101 9.1 7.7 11.5
130 22.3 16.2 24.4

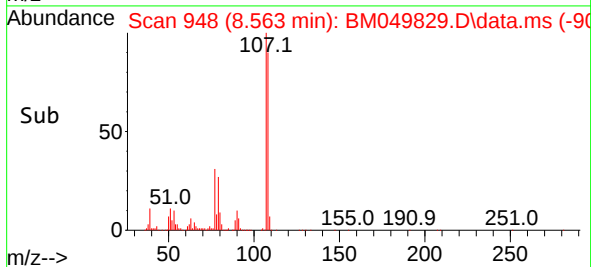
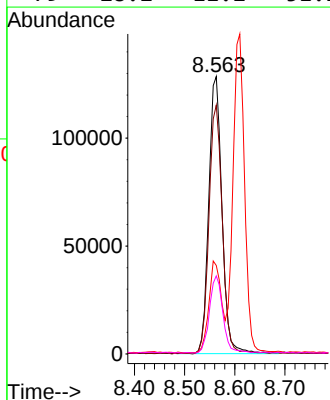
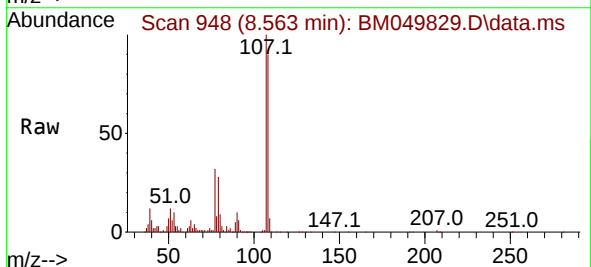
Manual Integrations
APPROVED

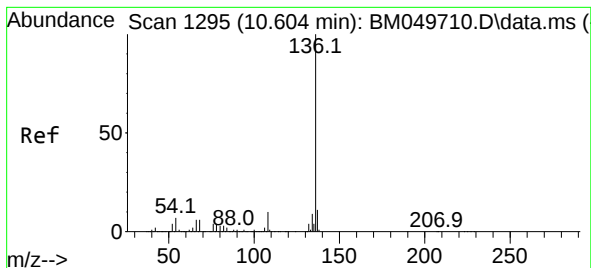
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#20
3+4-Methylphenols
Concen: 12.860 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

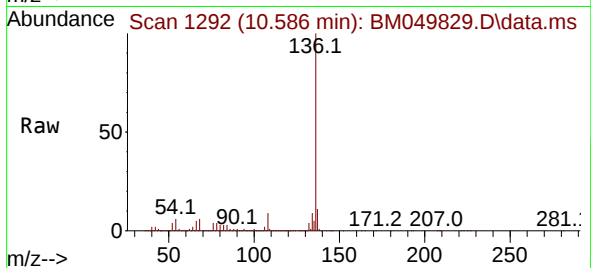
Tgt Ion:107 Resp: 235777
Ion Ratio Lower Upper
107 100
108 89.6 71.0 111.0
77 31.9 15.1 55.1
79 28.2 11.2 51.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

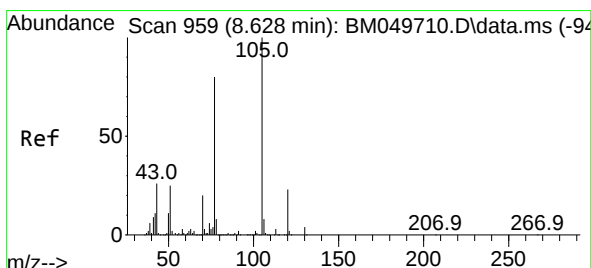
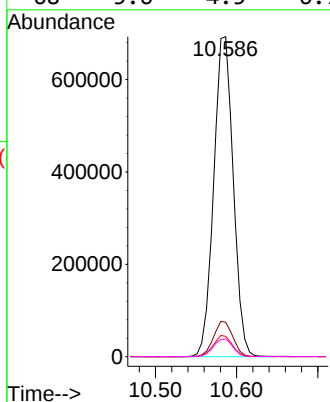
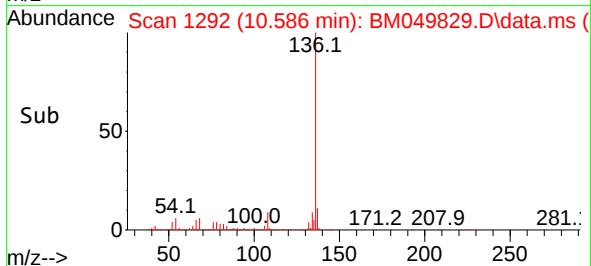
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:136 Resp: 1159620
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.3 5.8 8.8
68 5.6 4.5 6.7

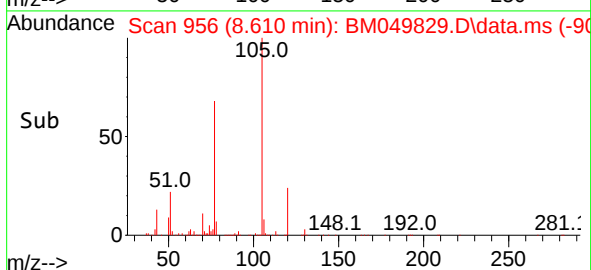
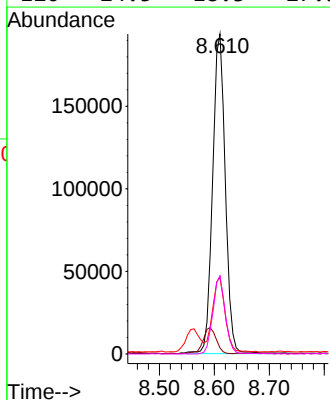
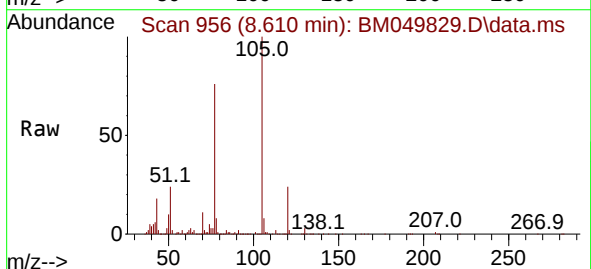
Manual Integrations
APPROVED

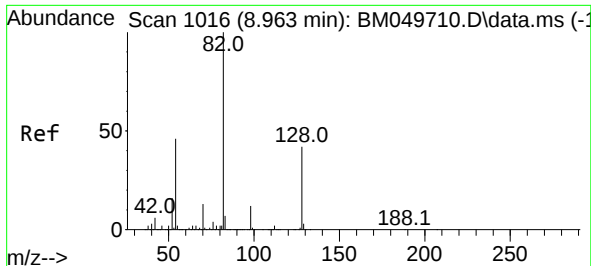
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#22
Acetophenone
Concen: 10.394 ng
RT: 8.610 min Scan# 956
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:105 Resp: 310779
Ion Ratio Lower Upper
105 100
71 1.9 2.5 3.7#
51 23.9 19.9 29.9
120 24.5 18.3 27.5





#23
Nitrobenzene-d5
Concen: 13.643 ng
RT: 8.940 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

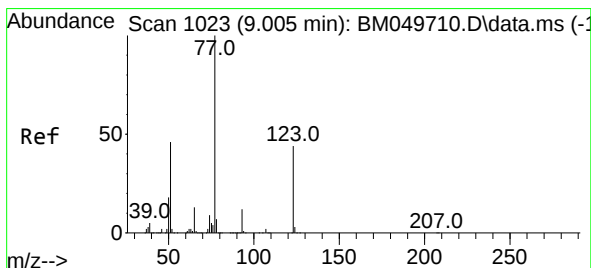
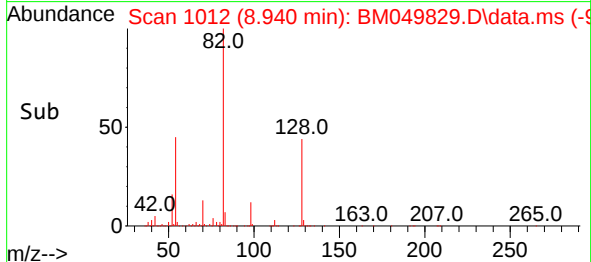
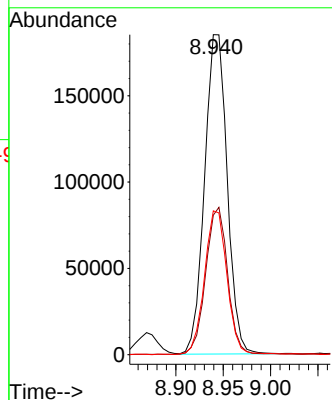
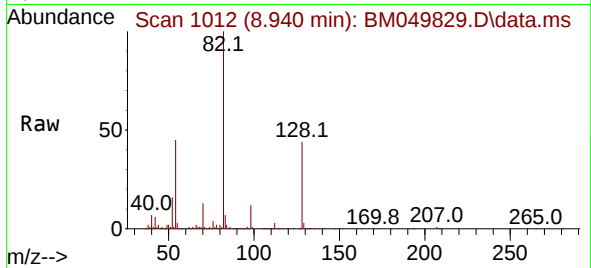
AU-05-040325MS

Tgt Ion: 82 Resp: 30814
Ion Ratio Lower Upper
82 100
128 43.6 33.4 50.0
54 44.9 36.4 54.6

Manual Integrations

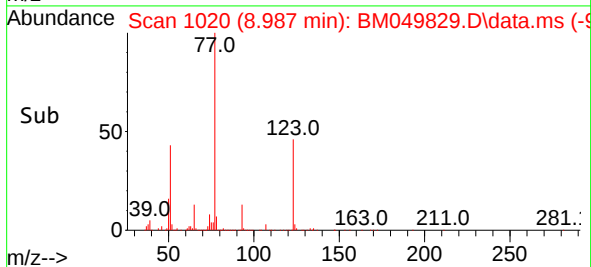
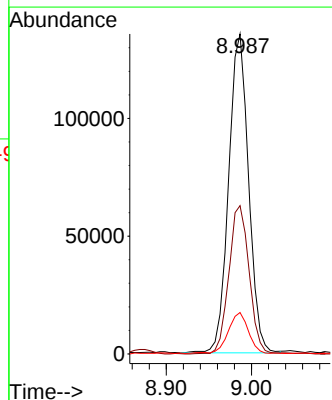
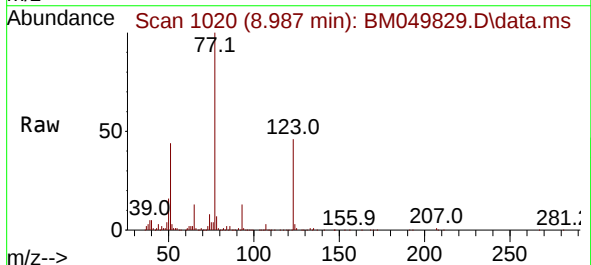
APPROVED

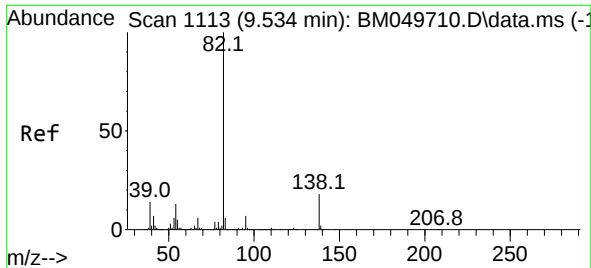
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#24
Nitrobenzene
Concen: 10.321 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

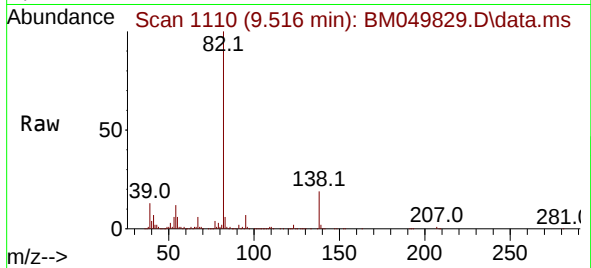
Tgt Ion: 77 Resp: 219802
Ion Ratio Lower Upper
77 100
123 46.4 34.9 52.3
65 13.0 10.6 15.8





#25
Isophorone
Concen: 12.077 ng
RT: 9.516 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

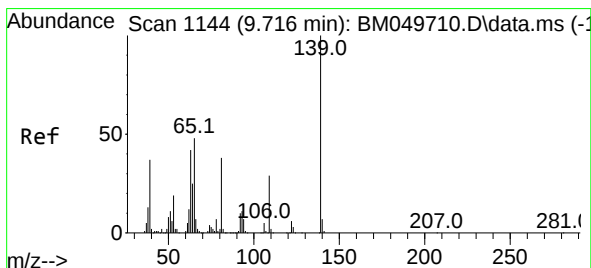
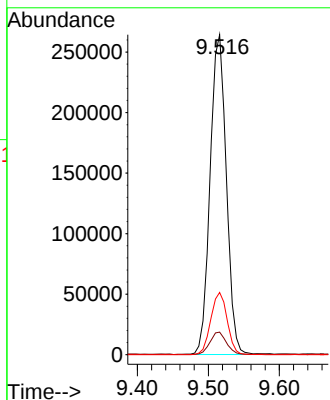
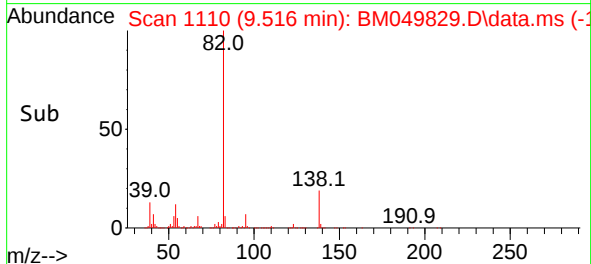
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion: 82 Resp: 41882
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 19.4 14.4 21.6

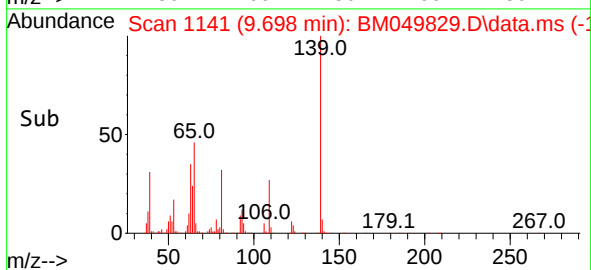
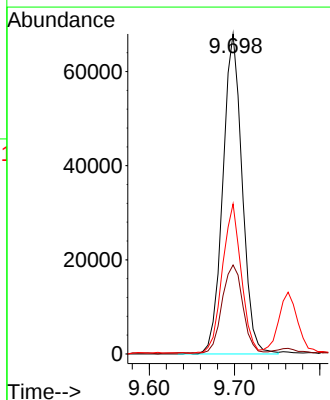
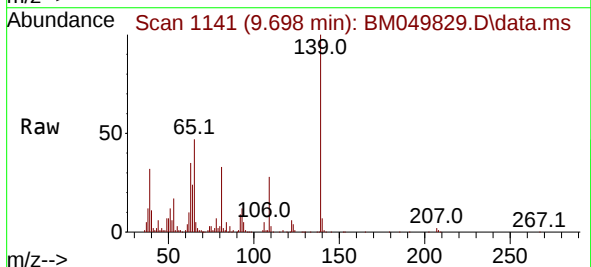
Manual Integrations
APPROVED

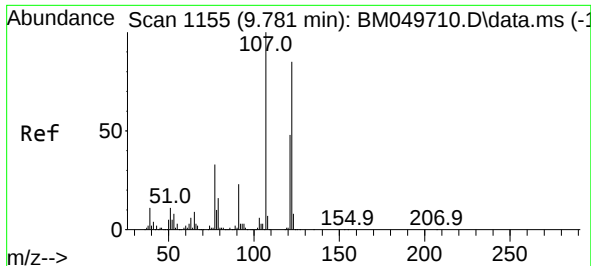
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#26
2-Nitrophenol
Concen: 11.831 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

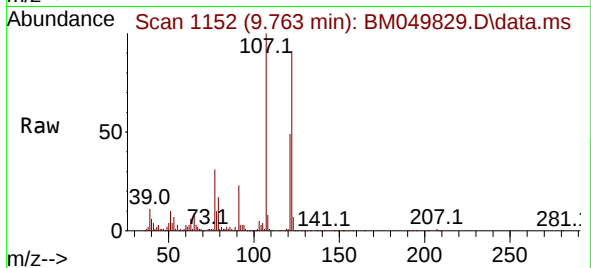
Tgt Ion:139 Resp: 107243
Ion Ratio Lower Upper
139 100
109 27.8 23.3 34.9
65 46.9 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 17.354 ng
RT: 9.763 min Scan# 1152
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

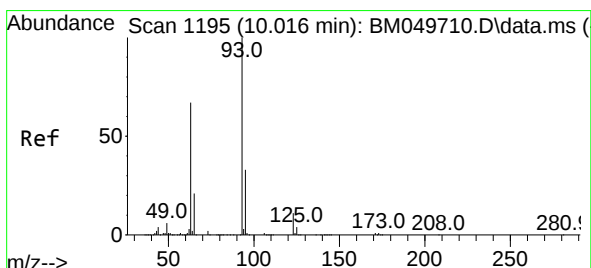
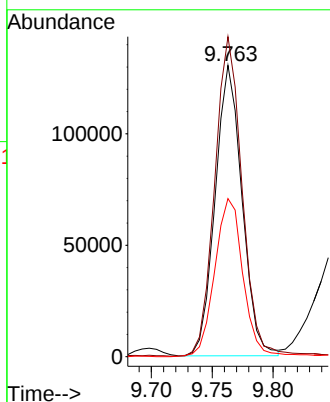
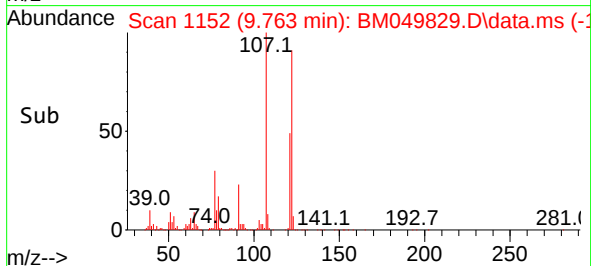
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



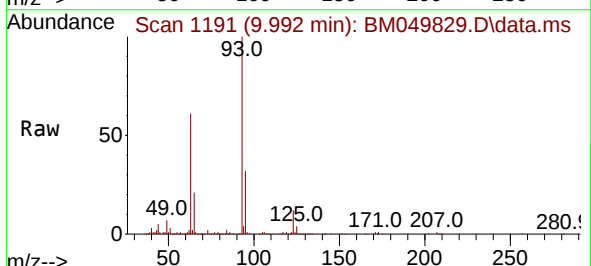
Tgt Ion:122 Resp: 200239
Ion Ratio Lower Upper
122 100
107 109.8 94.3 141.5
121 54.3 45.4 68.2

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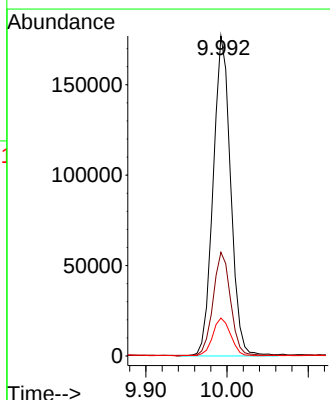
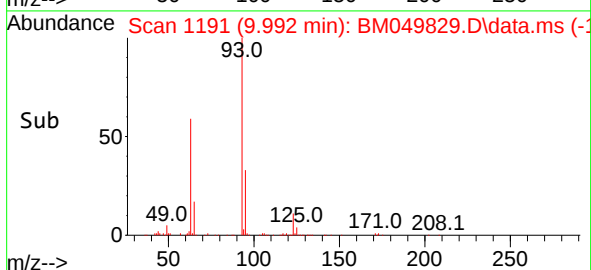
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

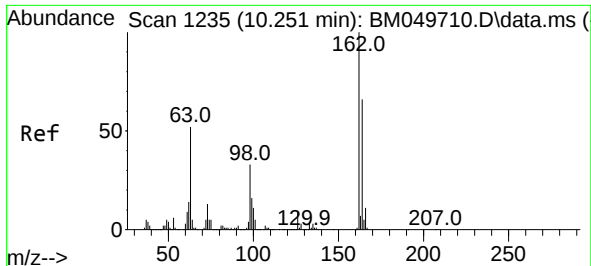


#28
bis(2-Chloroethoxy)methane
Concen: 10.889 ng
RT: 9.992 min Scan# 1191
Delta R.T. -0.024 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



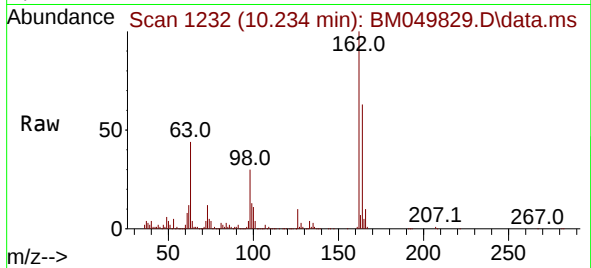
Tgt Ion: 93 Resp: 265971
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 11.9 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 12.463 ng
RT: 10.234 min Scan# 1232
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

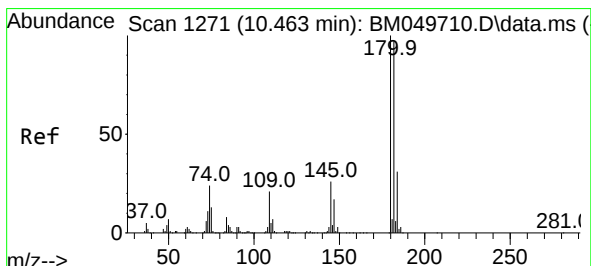
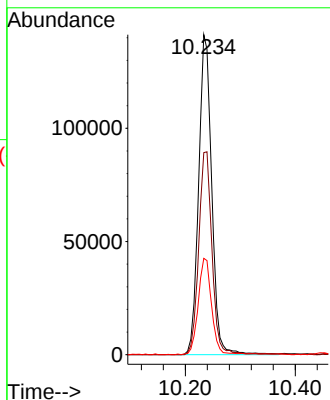
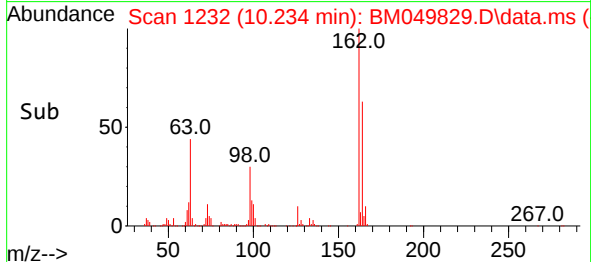
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



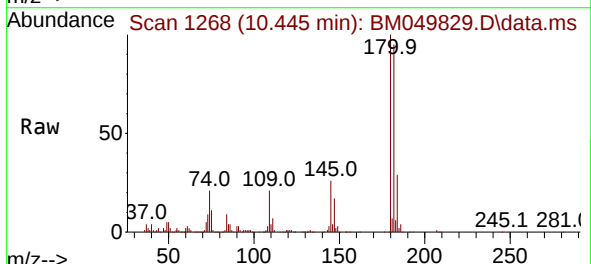
Tgt Ion:162 Resp: 234314
Ion Ratio Lower Upper
162 100
164 63.2 46.3 86.3
98 30.1 12.8 52.8

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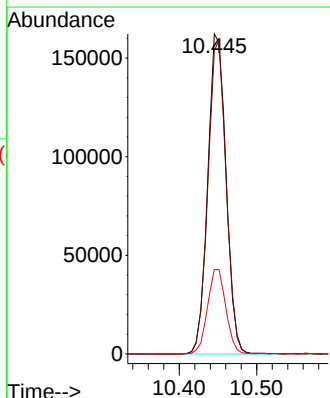
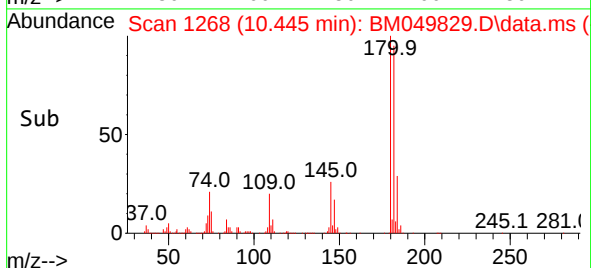
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

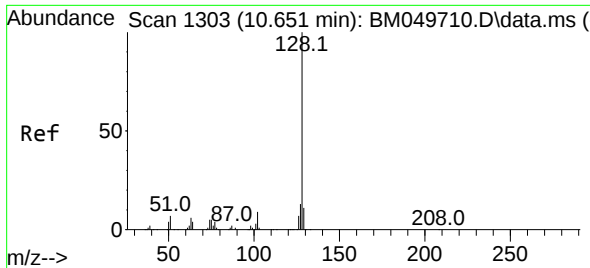


#30
1,2,4-Trichlorobenzene
Concen: 11.335 ng
RT: 10.445 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



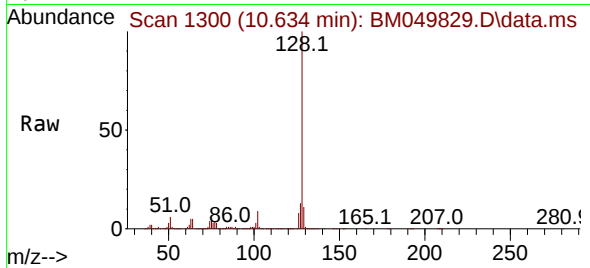
Tgt Ion:180 Resp: 266632
Ion Ratio Lower Upper
180 100
182 94.9 77.7 116.5
145 26.4 21.0 31.4





#31
Naphthalene
Concen: 11.271 ng
RT: 10.634 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

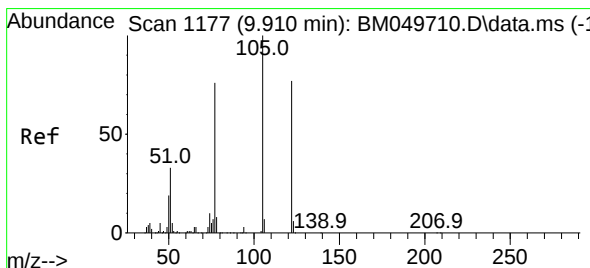
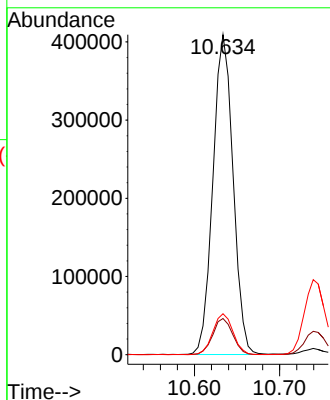
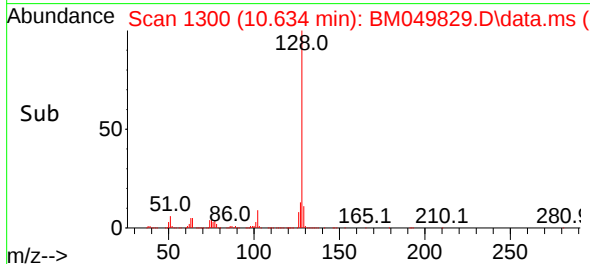
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:128 Resp: 672084
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.8 10.4 15.6

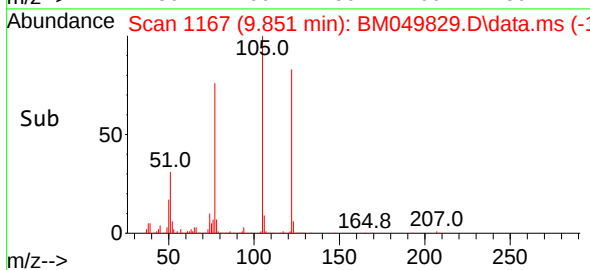
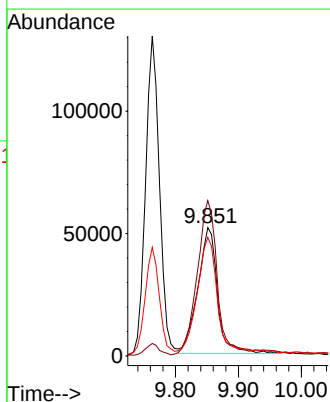
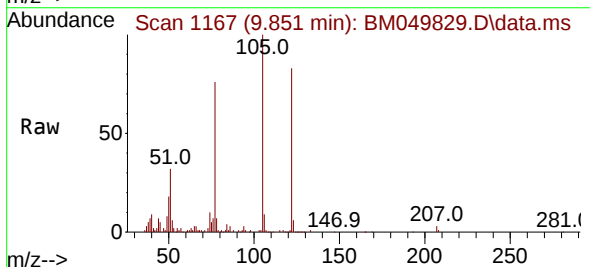
Manual Integrations
APPROVED

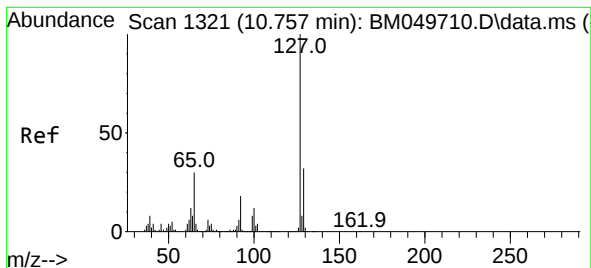
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#32
Benzoic acid
Concen: 11.400 ng m
RT: 9.851 min Scan# 1167
Delta R.T. -0.059 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

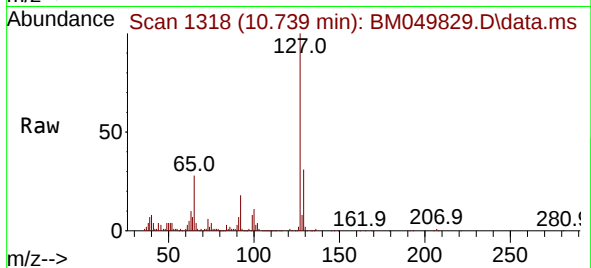
Tgt Ion:122 Resp: 111866
Ion Ratio Lower Upper
122 100
105 121.1 105.6 145.6
77 92.5 76.9 116.9





#33
4-Chloroaniline
Concen: 8.294 ng
RT: 10.739 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

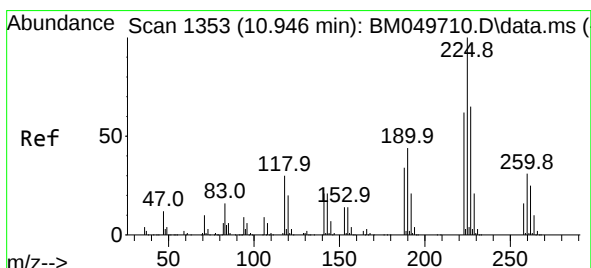
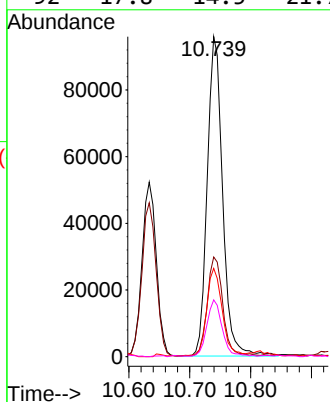
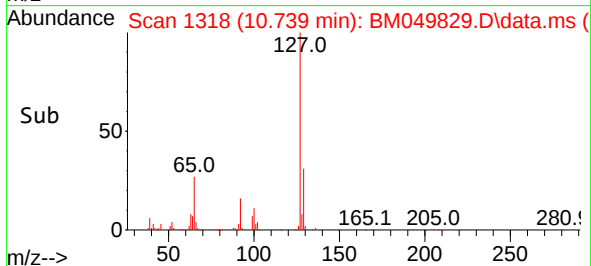
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



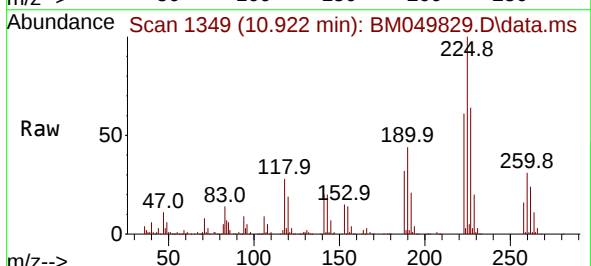
Tgt Ion:127 Resp: 168784
Ion Ratio Lower Upper
127 100
129 31.1 25.7 38.5
65 27.6 24.1 36.1
92 17.8 14.5 21.7

Manual Integrations
APPROVED

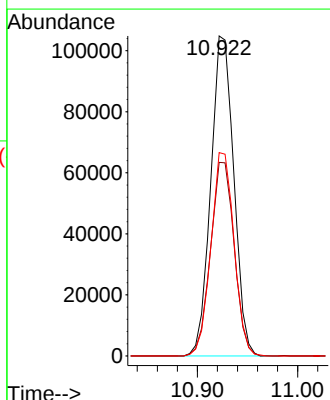
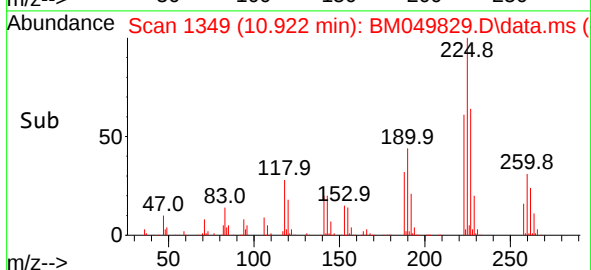
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

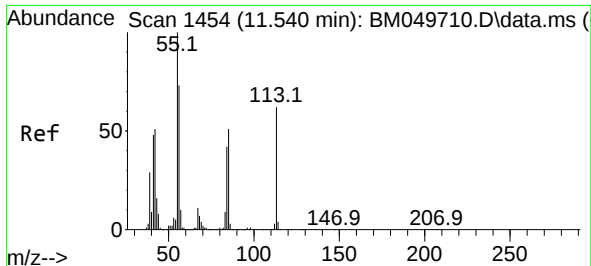


#34
Hexachlorobutadiene
Concen: 11.506 ng
RT: 10.922 min Scan# 1349
Delta R.T. -0.024 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



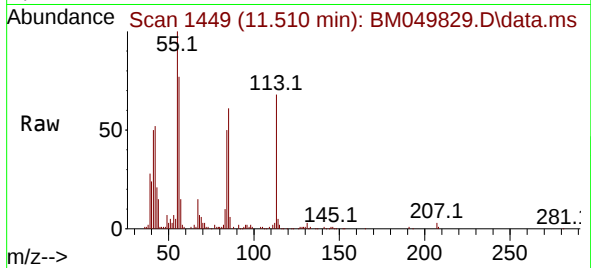
Tgt Ion:225 Resp: 167080
Ion Ratio Lower Upper
225 100
223 60.5 49.8 74.8
227 63.6 52.1 78.1





#35
Caprolactam
Concen: 13.200 ng
RT: 11.510 min Scan# 1454
Delta R.T. -0.030 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

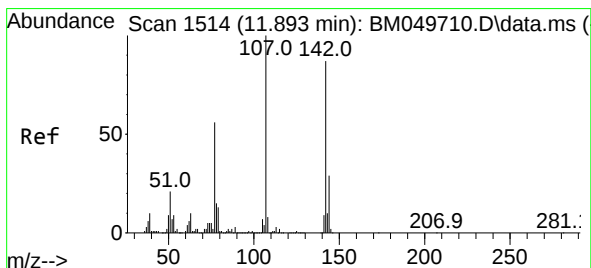
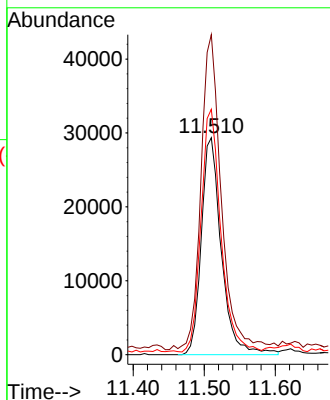
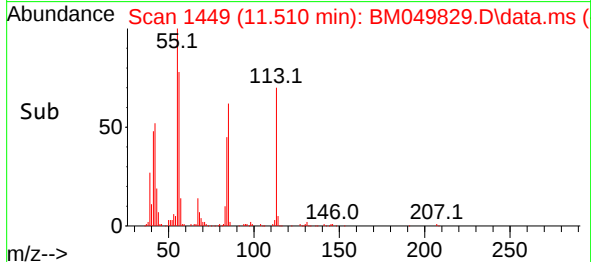
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



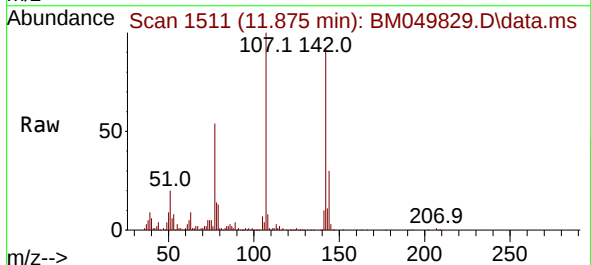
Tgt Ion:113 Resp: 57620
Ion Ratio Lower Upper
113 100
55 147.5 141.8 181.8
56 113.2 98.0 138.0

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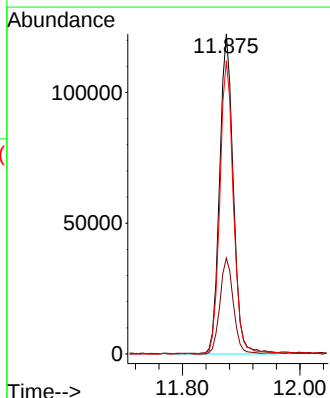
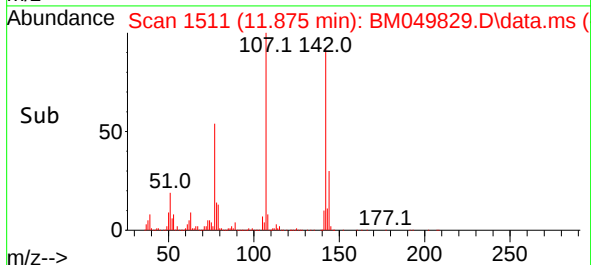
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

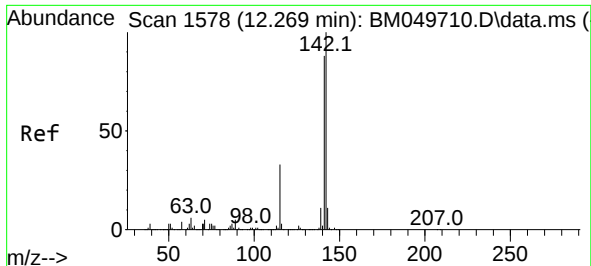


#36
4-Chloro-3-methylphenol
Concen: 12.342 ng
RT: 11.875 min Scan# 1511
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



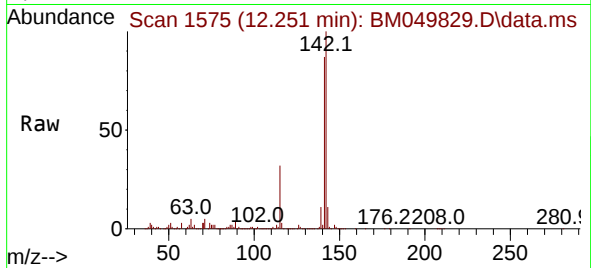
Tgt Ion:107 Resp: 199134
Ion Ratio Lower Upper
107 100
144 30.0 23.0 34.6
142 91.6 69.8 104.8





#37
2-Methylnaphthalene
Concen: 10.896 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

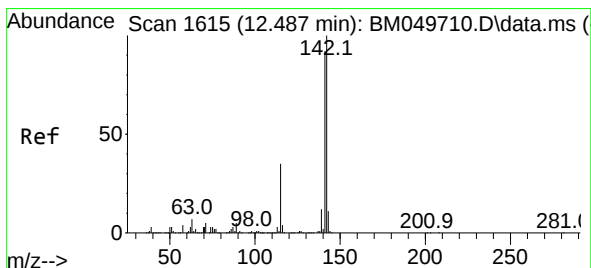
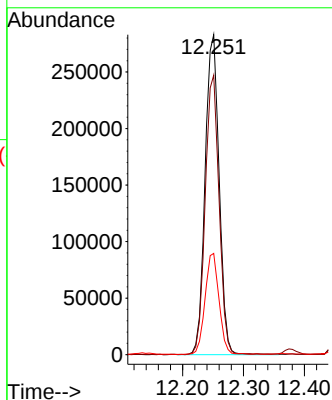
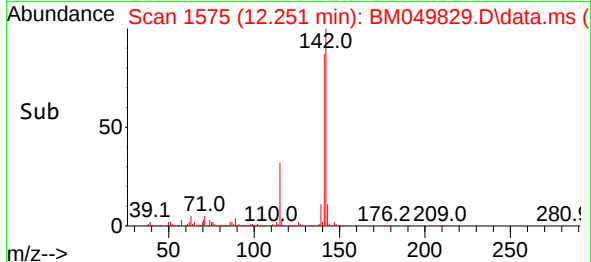
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



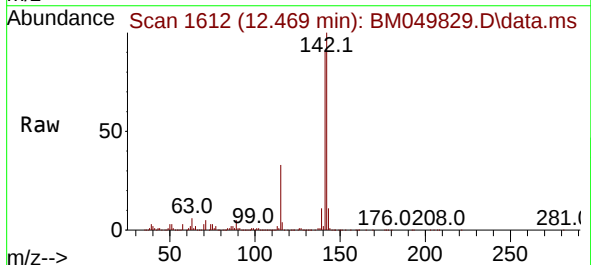
Tgt Ion:142 Resp: 454298
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7
115 31.6 26.5 39.7

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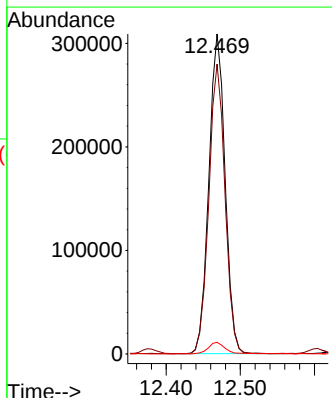
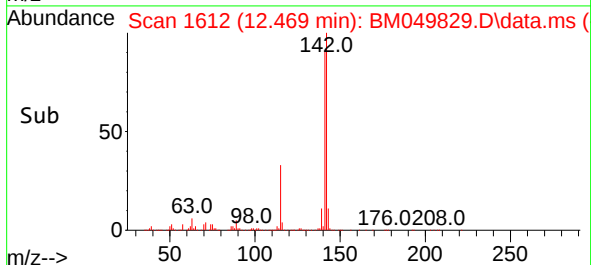
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

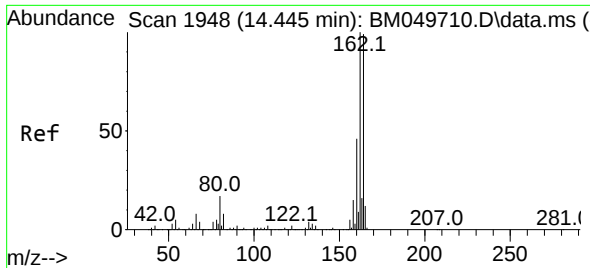


#38
1-Methylnaphthalene
Concen: 11.678 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



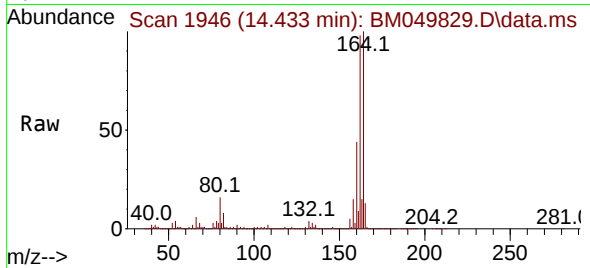
Tgt Ion:142 Resp: 469772
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2
116 3.7 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

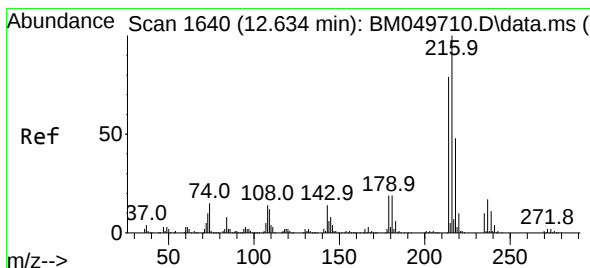
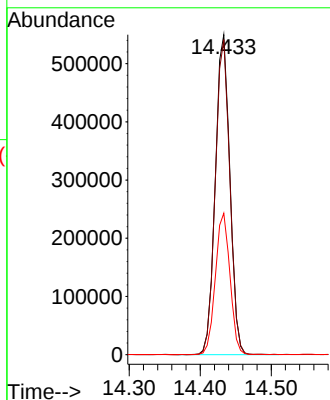
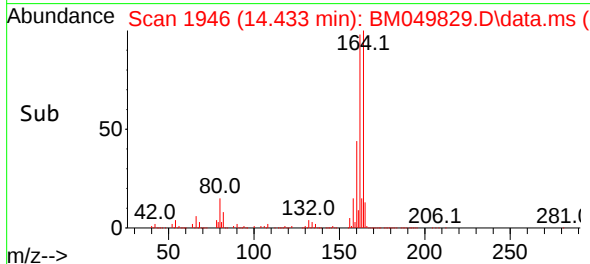
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



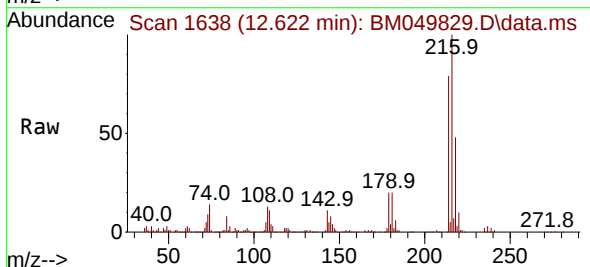
Tgt Ion:164 Resp: 78138
Ion Ratio Lower Upper
164 100
162 98.5 80.5 120.7
160 44.2 36.9 55.3

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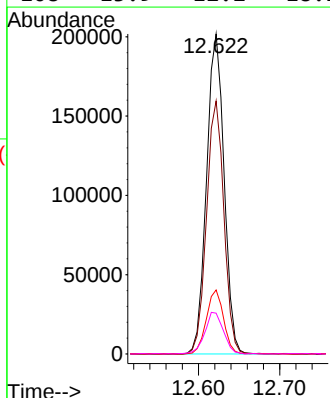
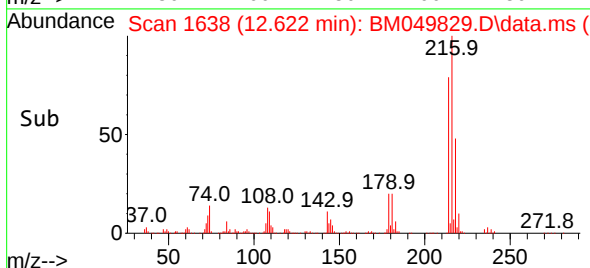
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

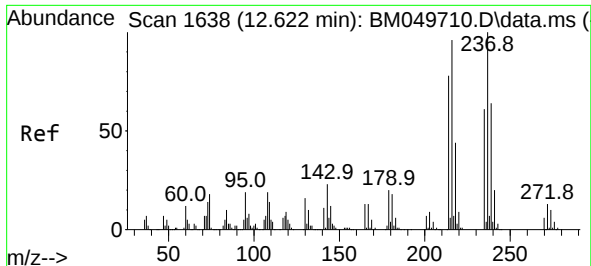


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.547 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



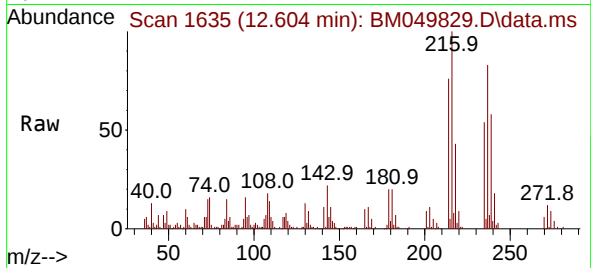
Tgt Ion:216 Resp: 302721
Ion Ratio Lower Upper
216 100
214 78.1 63.5 95.3
179 19.6 15.7 23.5
108 13.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 5.798 ng
RT: 12.604 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

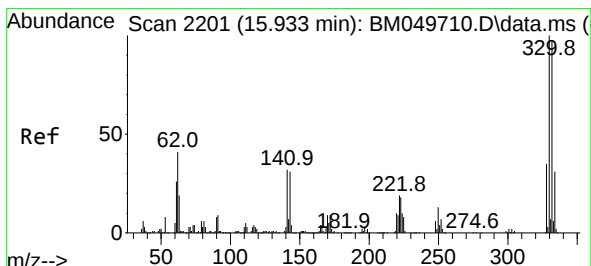
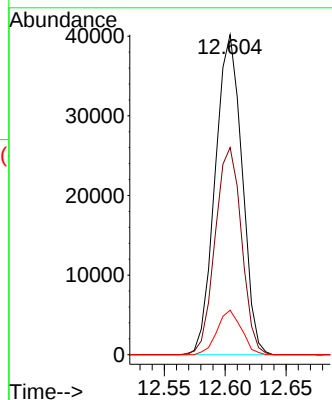
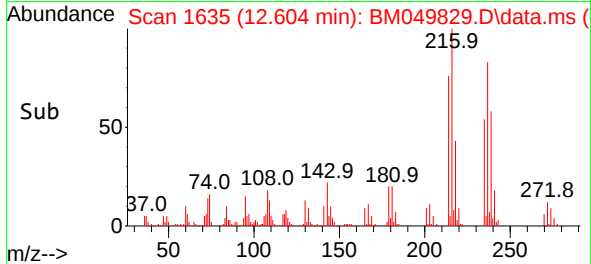
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



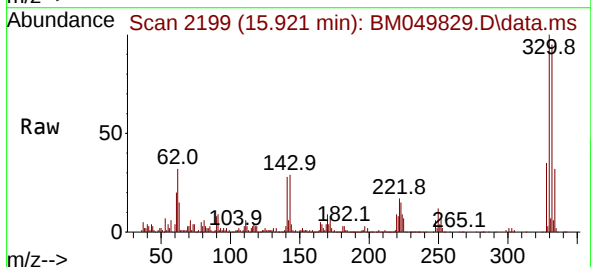
Tgt Ion:237 Resp: 61649
Ion Ratio Lower Upper
237 100
235 64.8 41.1 81.1
272 13.9 0.0 32.5

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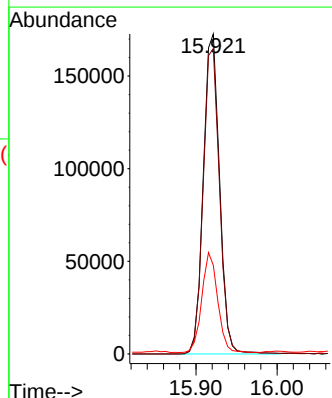
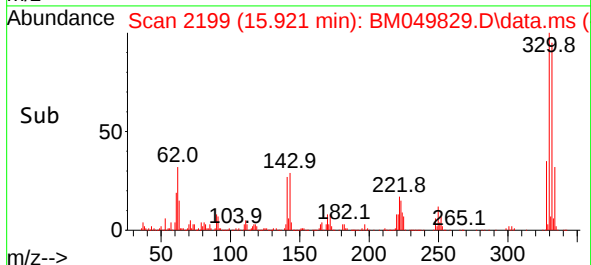
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

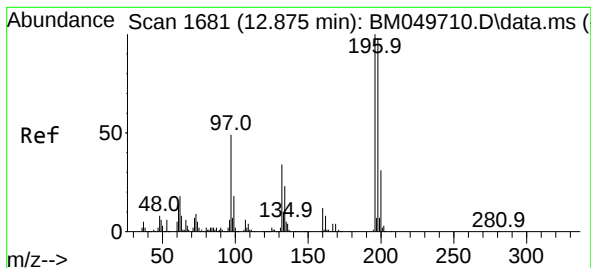


#42
2,4,6-Tribromophenol
Concen: 26.294 ng
RT: 15.921 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37



Tgt Ion:330 Resp: 239914
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 30.4 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 12.011 ng

RT: 12.863 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

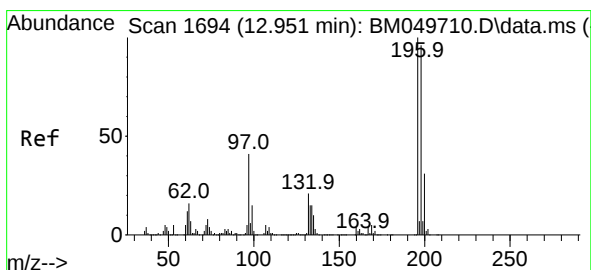
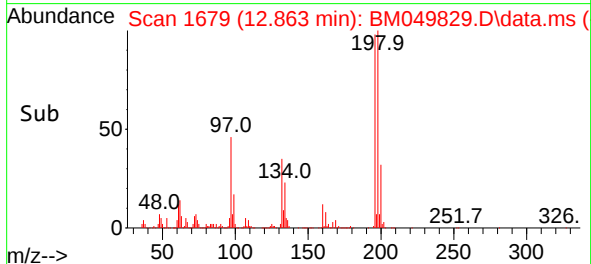
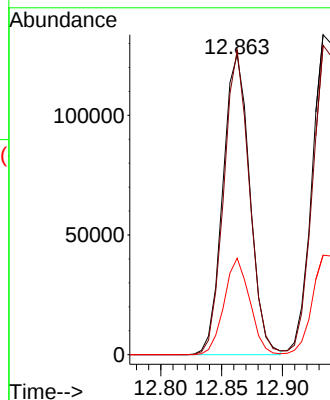
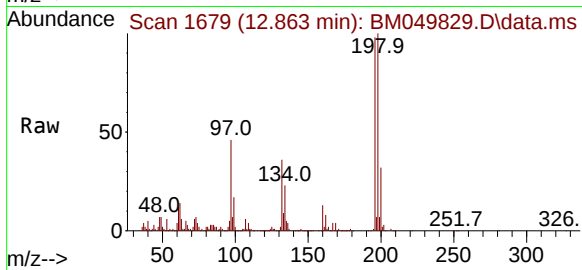
AU-05-040325MS

Tgt Ion:196 Resp: 193074
 Ion Ratio Lower Upper
 196 100
 198 101.5 78.3 117.5
 200 32.2 25.1 37.7

Manual Integrations

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



#44

2,4,5-Trichlorophenol

Concen: 12.236 ng

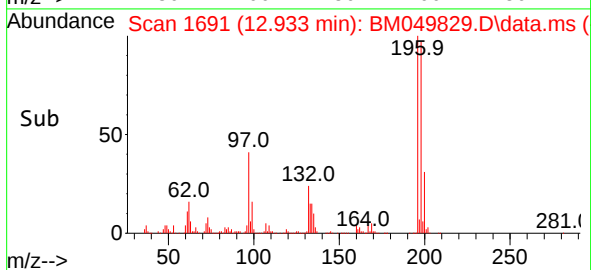
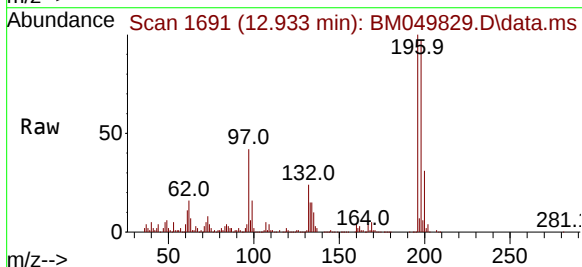
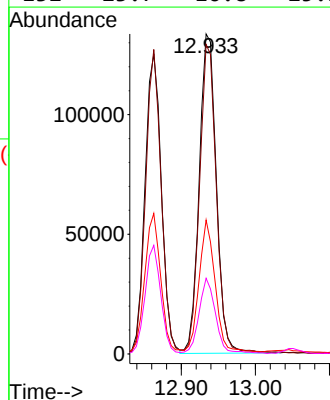
RT: 12.933 min Scan# 1691

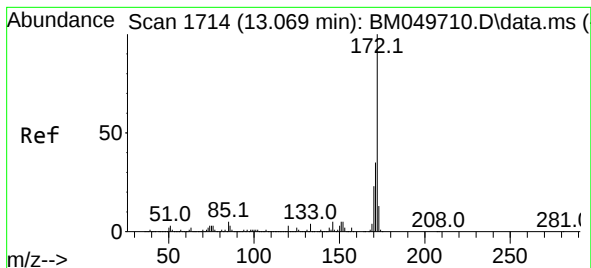
Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Tgt Ion:196 Resp: 214642
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.7 115.1
 97 41.8 32.9 49.3
 132 23.7 16.8 25.2





#45

2-Fluorobiphenyl

Concen: 13.234 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

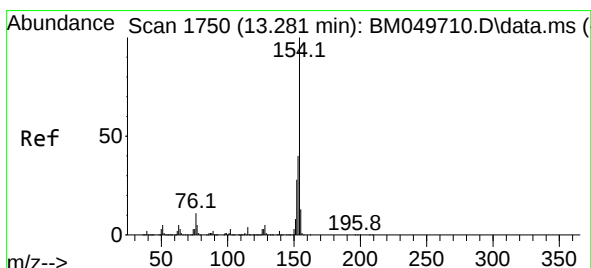
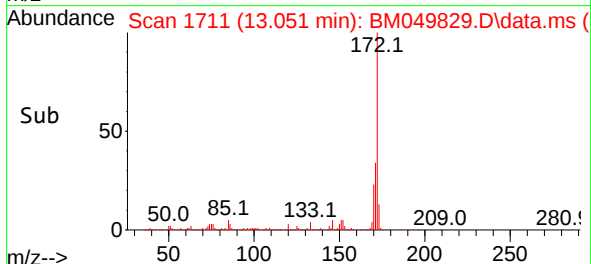
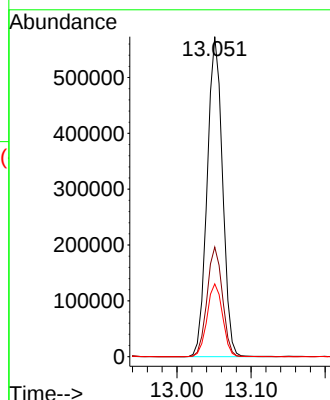
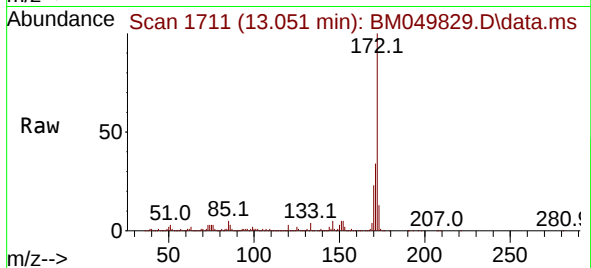
ClientSampleId :

AU-05-040325MS

Tgt Ion:172 Resp: 82566
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.9 41.9
 170 22.8 18.6 28.0

Manual Integrations
 APPROVED

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



#46

1,1'-Biphenyl

Concen: 10.912 ng

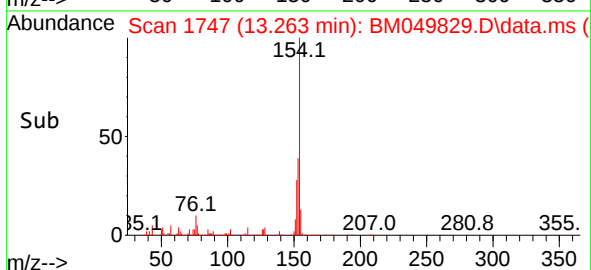
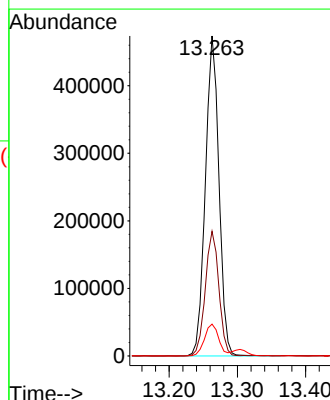
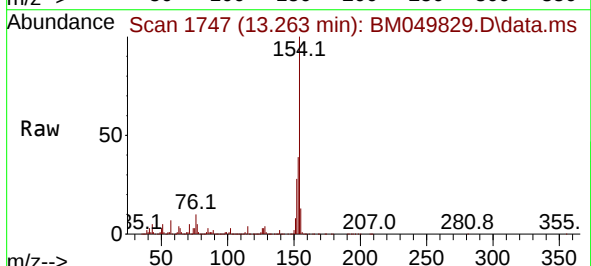
RT: 13.263 min Scan# 1747

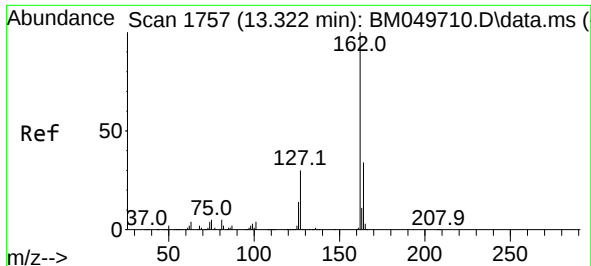
Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

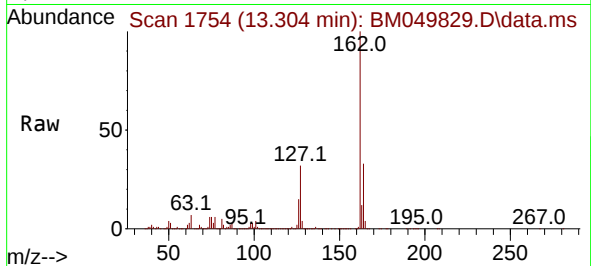
Tgt Ion:154 Resp: 657119
 Ion Ratio Lower Upper
 154 100
 153 38.9 19.7 59.7
 76 9.9 0.0 31.2





#47
2-Chloronaphthalene
Concen: 11.239 ng
RT: 13.304 min Scan# 1754
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

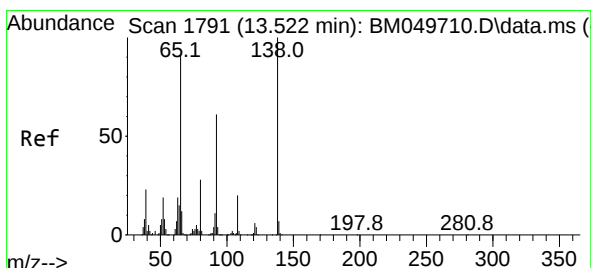
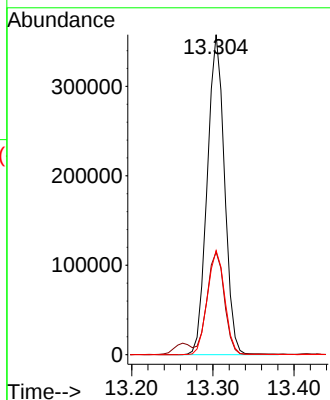
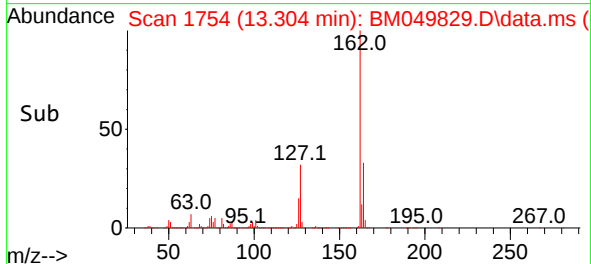
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:162 Resp: 52683
Ion Ratio Lower Upper
162 100
127 32.1 25.8 38.6
164 32.5 27.1 40.7

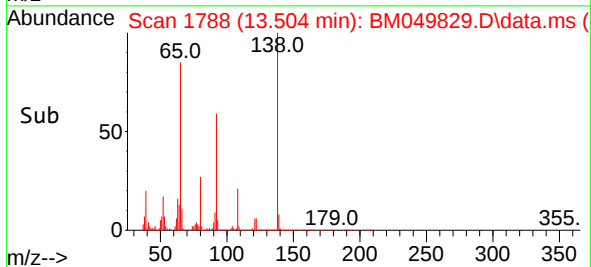
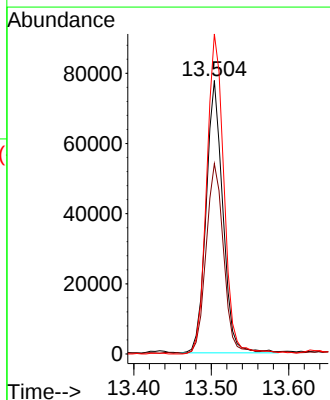
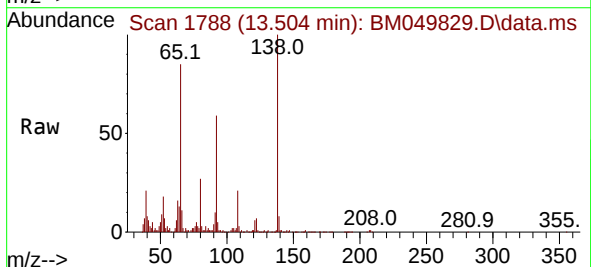
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APPROVED

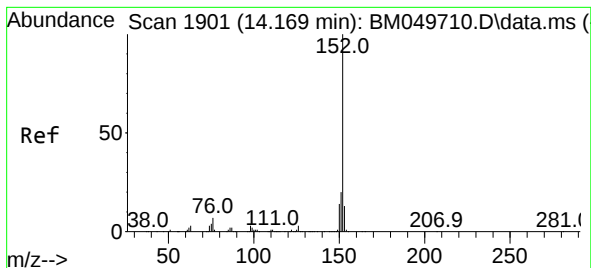
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#48
2-Nitroaniline
Concen: 11.076 ng
RT: 13.504 min Scan# 1788
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion: 65 Resp: 116547
Ion Ratio Lower Upper
65 100
92 69.6 53.4 80.2
138 117.0 87.6 131.4





#49

Acenaphthylene

Concen: 12.358 ng

RT: 14.151 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM049829.D

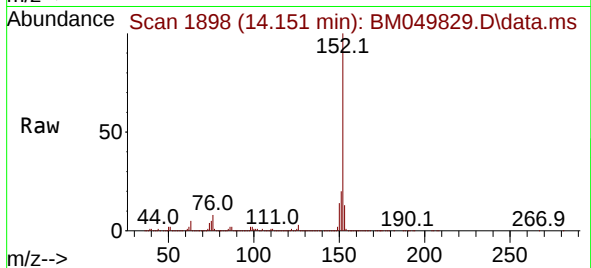
Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS



Tgt Ion:152 Resp: 809698

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

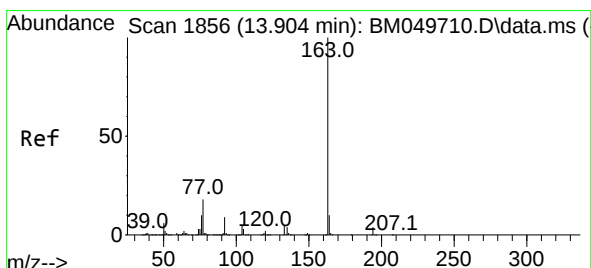
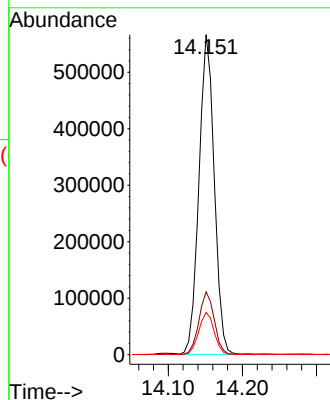
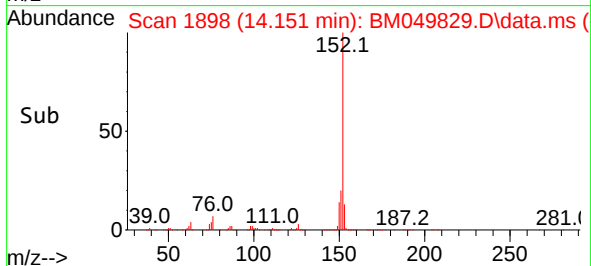
153 13.2 10.2 15.4

Manual Integrations

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Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#50

Dimethylphthalate

Concen: 11.300 ng

RT: 13.886 min Scan# 1853

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

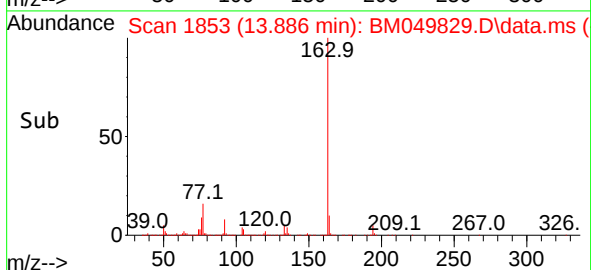
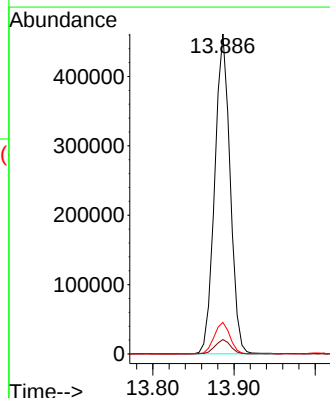
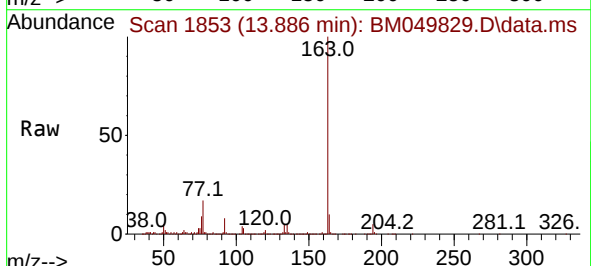
Tgt Ion:163 Resp: 607903

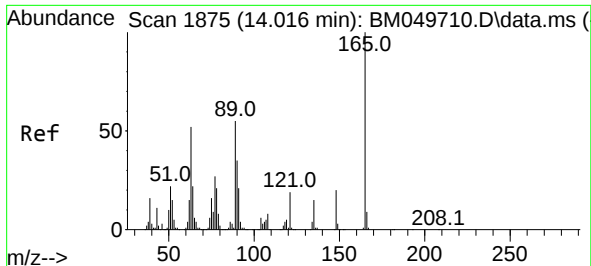
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

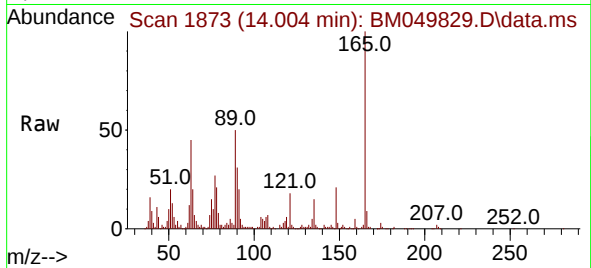
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 11.046 ng
RT: 14.004 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

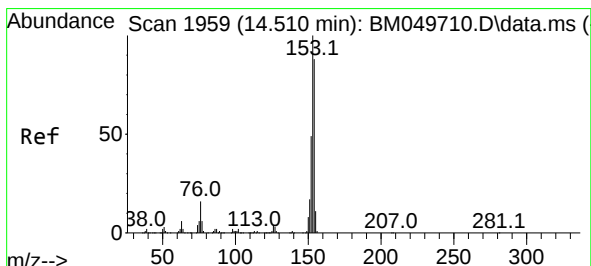
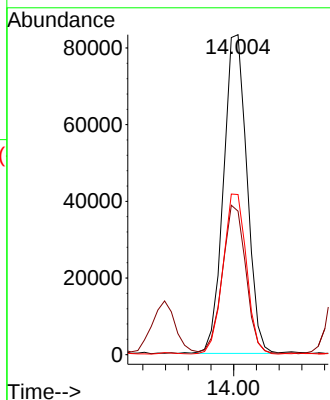
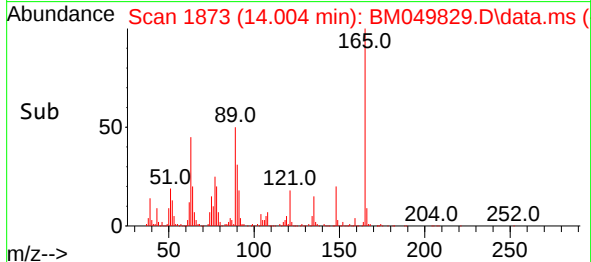
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:165 Resp: 119068
Ion Ratio Lower Upper
165 100
63 44.8 42.3 63.5
89 50.1 43.9 65.9

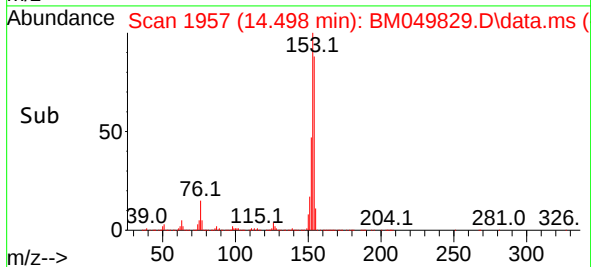
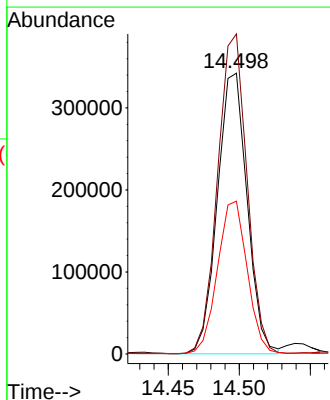
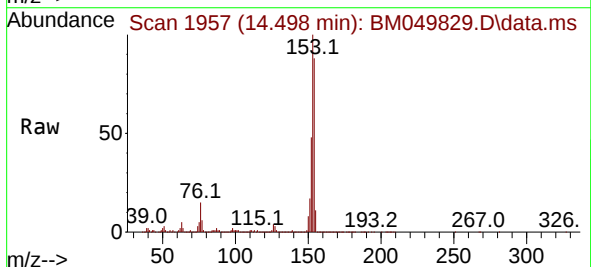
Manual Integrations
APPROVED

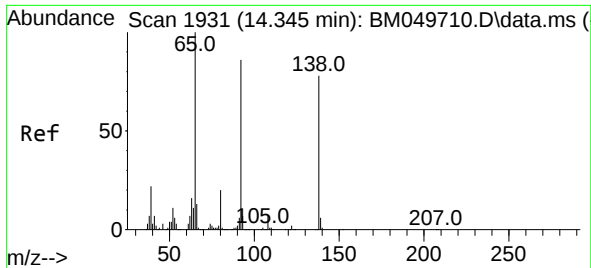
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#52
Acenaphthene
Concen: 11.603 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:154 Resp: 498687
Ion Ratio Lower Upper
154 100
153 114.0 90.4 135.6
152 54.4 44.2 66.2





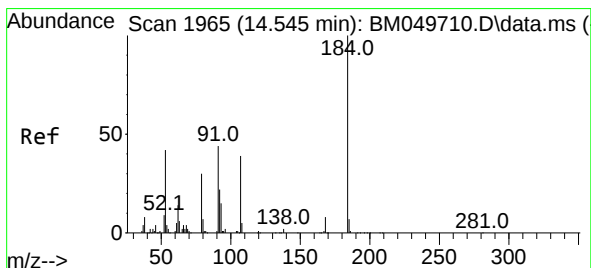
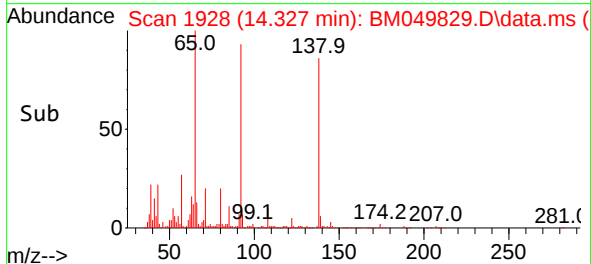
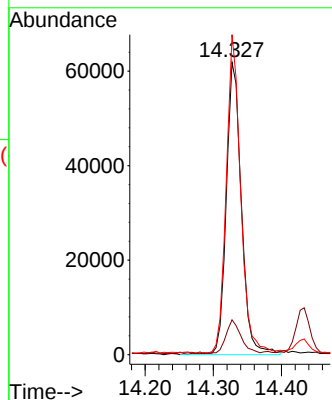
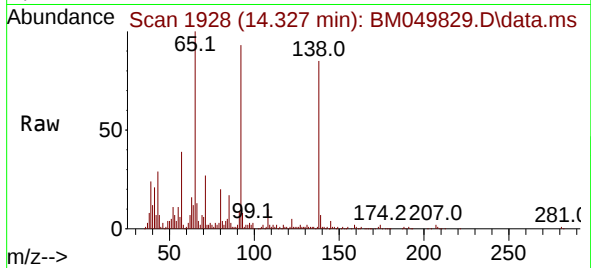
#53
3-Nitroaniline
Concen: 9.326 ng
RT: 14.327 min Scan# 1931
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Tgt Ion:138 Resp: 95660
Ion Ratio Lower Upper
138 100
108 11.9 7.5 11.3
92 109.4 88.0 132.0

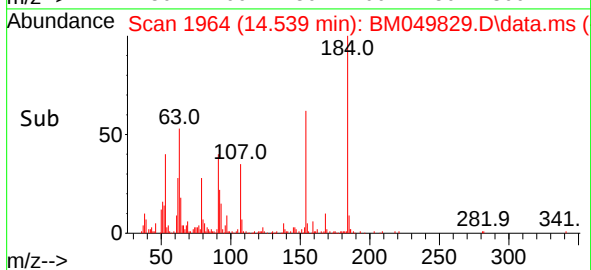
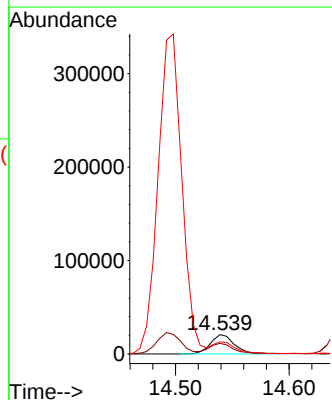
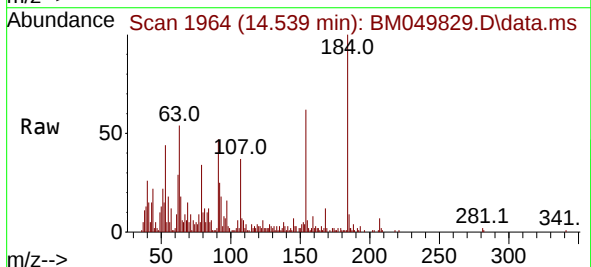
Manual Integrations
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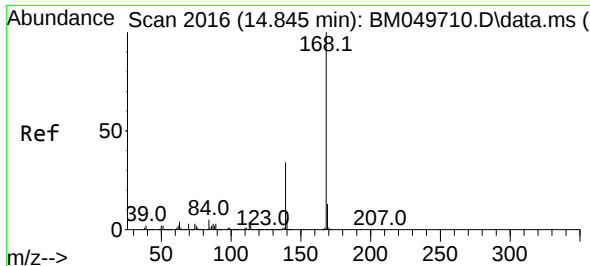
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#54
2,4-Dinitrophenol
Concen: 9.666 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

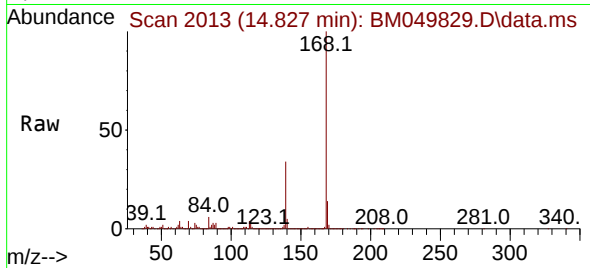
Tgt Ion:184 Resp: 30528
Ion Ratio Lower Upper
184 100
63 54.5 47.2 70.8
154 61.6 49.9 74.9





#55
Dibenzenofuran
Concen: 11.361 ng
RT: 14.827 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

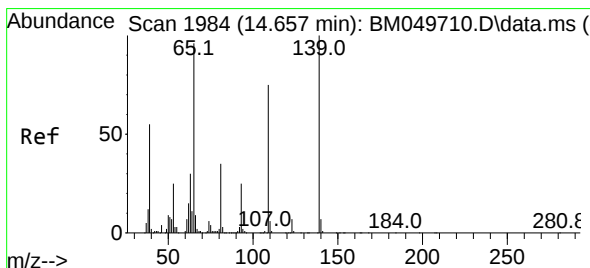
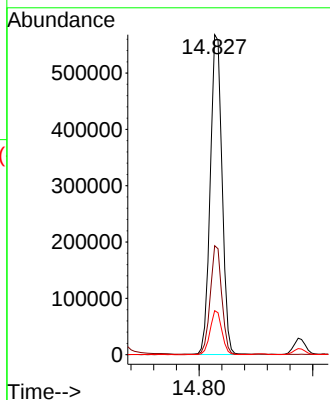
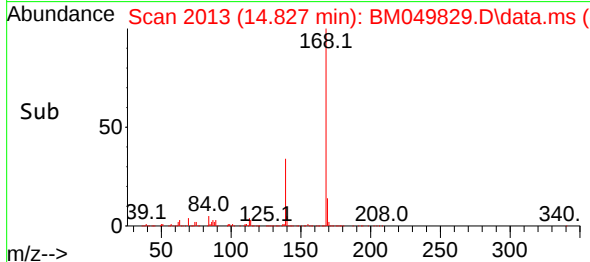
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:168 Resp: 813570
Ion Ratio Lower Upper
168 100
139 34.1 27.4 41.0
169 13.7 10.7 16.1

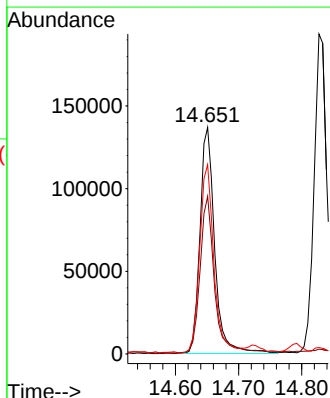
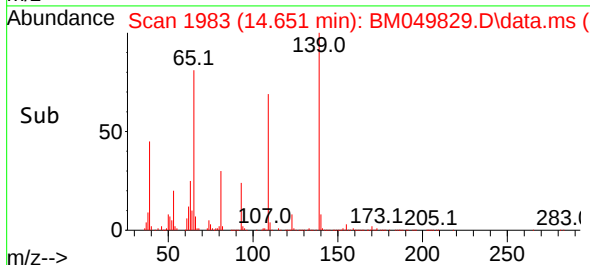
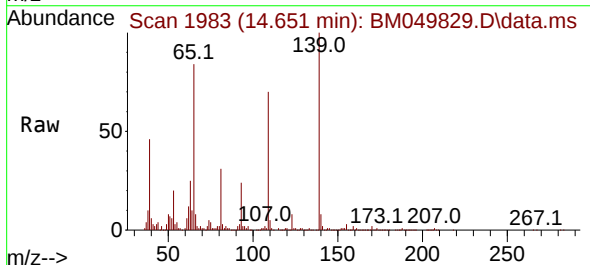
Manual Integrations
APPROVED

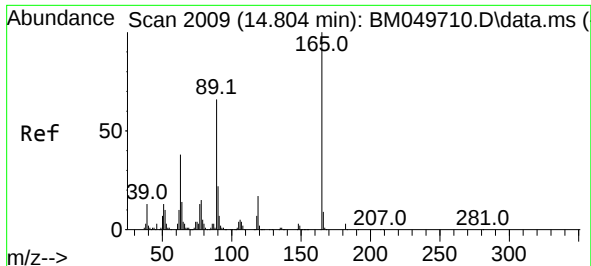
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#56
4-Nitrophenol
Concen: 24.753 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:139 Resp: 221020
Ion Ratio Lower Upper
139 100
109 69.5 54.7 94.7
65 83.5 76.2 116.2





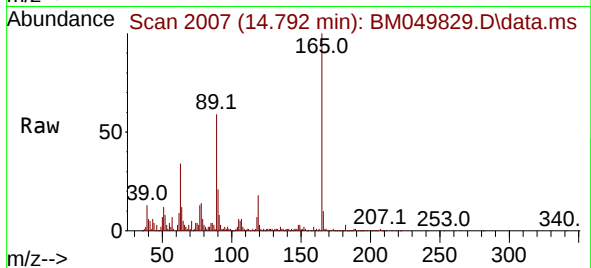
#57
2,4-Dinitrotoluene
Concen: 11.760 ng
RT: 14.792 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

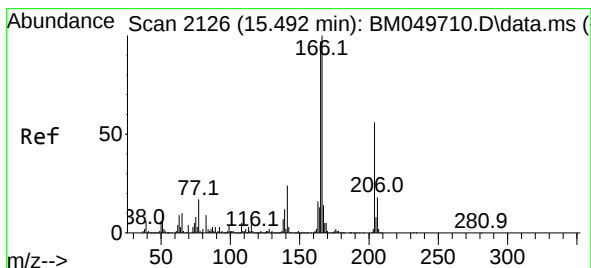
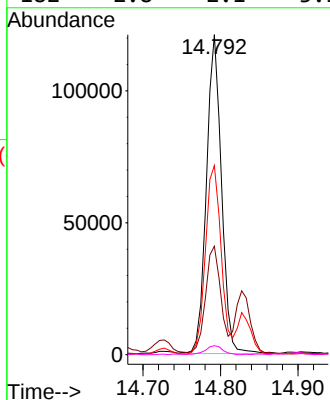
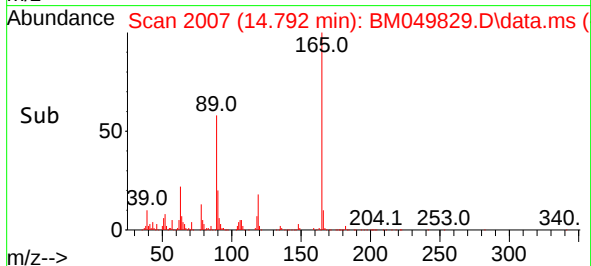


Tgt Ion:165 Resp: 163120
Ion Ratio Lower Upper
165 100
63 33.9 30.8 46.2
89 59.1 53.1 79.7
182 2.8 2.1 3.1

Manual Integrations

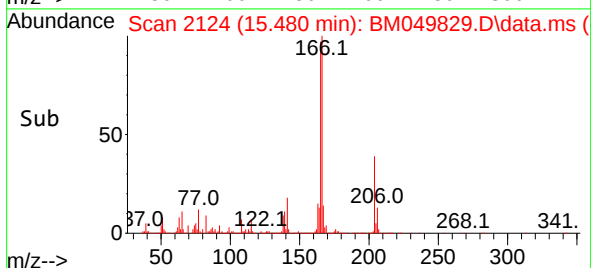
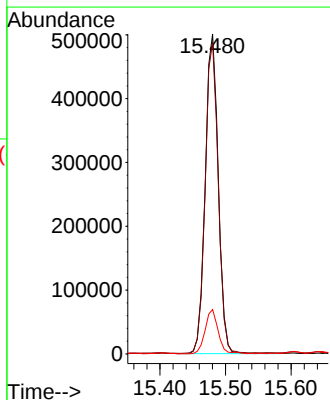
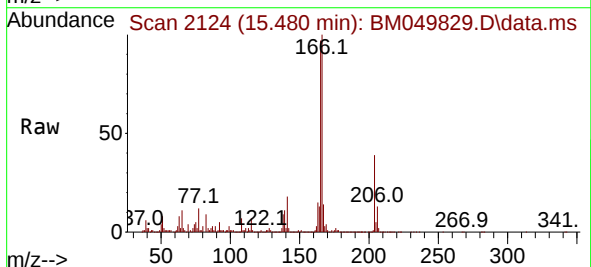
APPROVED

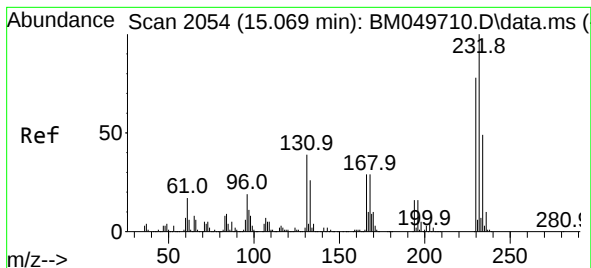
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#58
Fluorene
Concen: 11.871 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

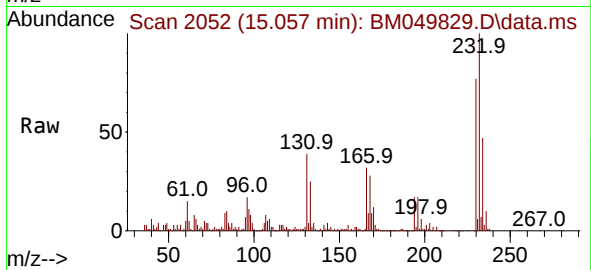
Tgt Ion:166 Resp: 692161
Ion Ratio Lower Upper
166 100
165 97.3 77.5 116.3
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 12.040 ng m
RT: 15.057 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

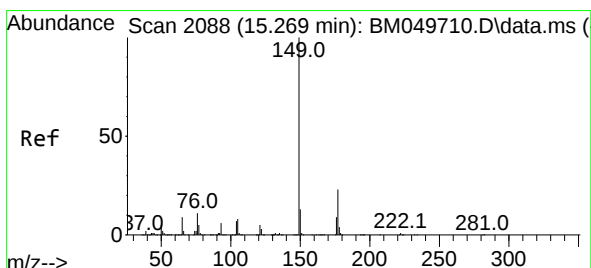
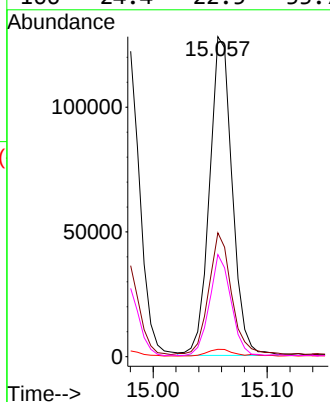
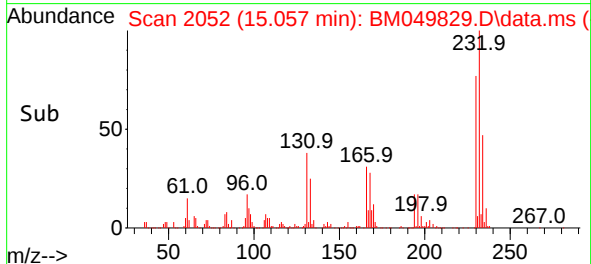
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:232 Resp: 176794
Ion Ratio Lower Upper
232 100
131 33.2 30.0 45.0
130 2.0 1.6 2.4
166 24.4 22.5 33.7

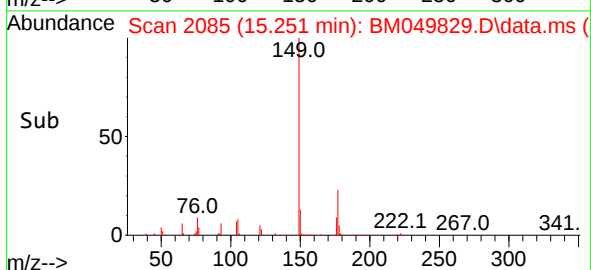
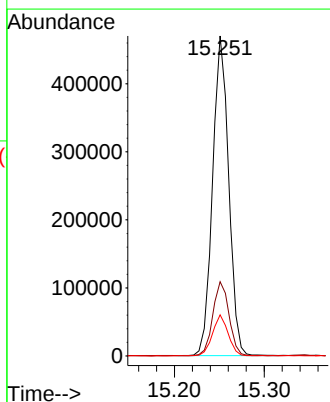
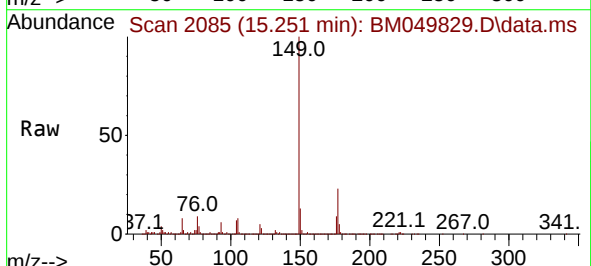
Manual Integrations
APPROVED

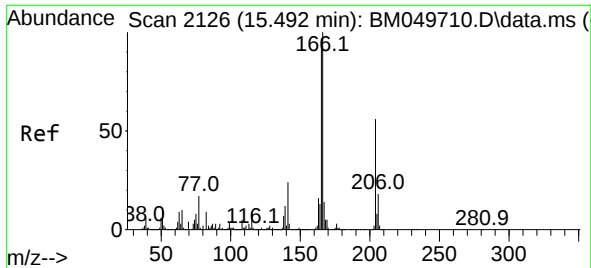
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#60
Diethylphthalate
Concen: 11.561 ng
RT: 15.251 min Scan# 2085
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

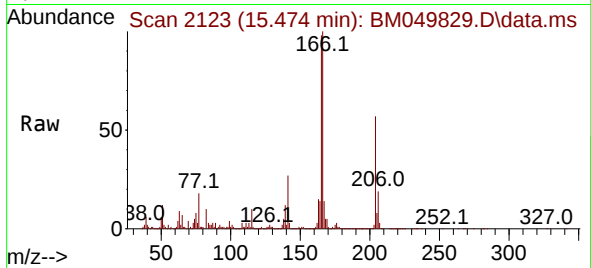
Tgt Ion:149 Resp: 585778
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.2
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 10.447 ng
RT: 15.474 min Scan# 2123
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

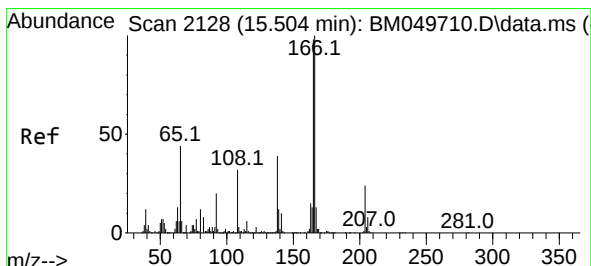
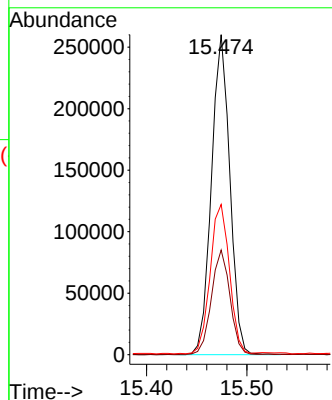
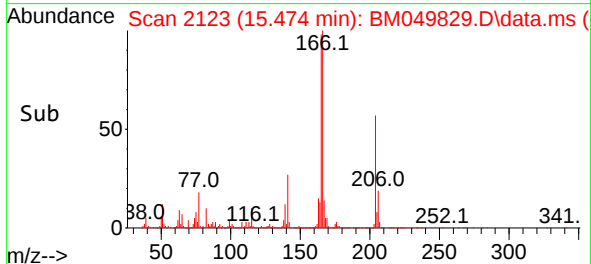
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:204 Resp: 33263
Ion Ratio Lower Upper
204 100
206 32.7 25.2 37.8
141 47.0 34.5 51.7

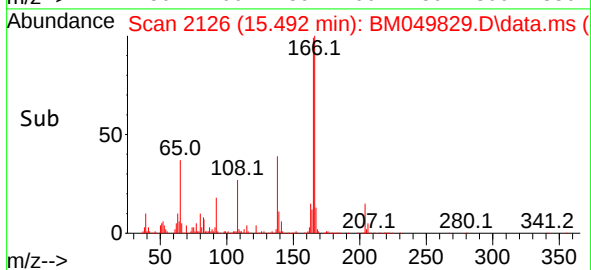
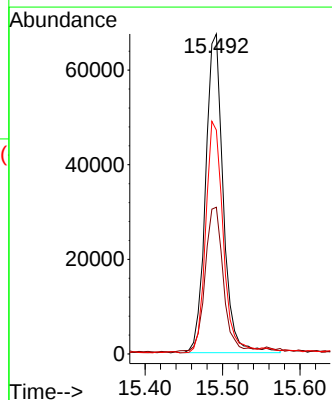
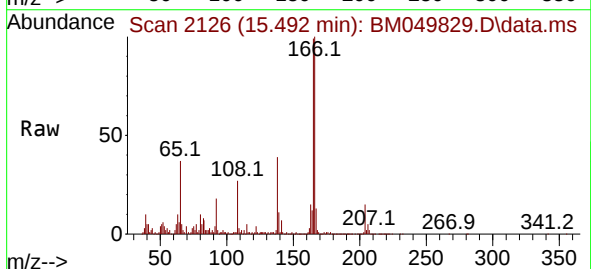
Manual Integrations
APPROVED

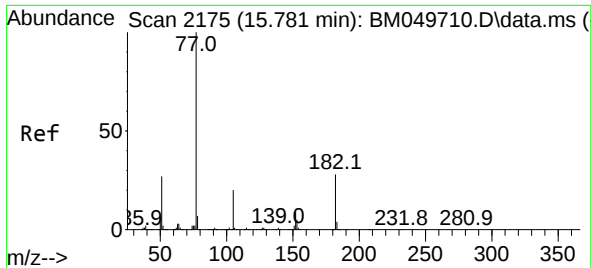
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#62
4-Nitroaniline
Concen: 11.784 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

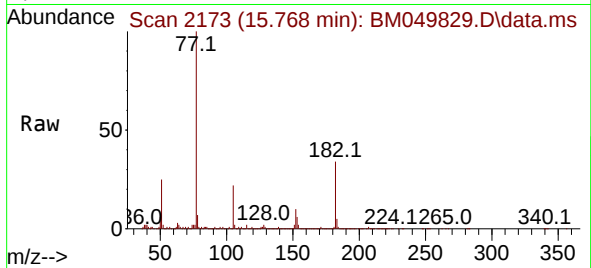
Tgt Ion:138 Resp: 106279
Ion Ratio Lower Upper
138 100
92 45.8 29.8 69.8
108 70.0 61.3 101.3





#63
Azobenzene
Concen: 11.121 ng
RT: 15.768 min Scan# 2173
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

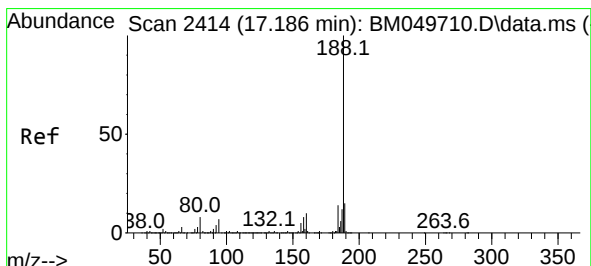
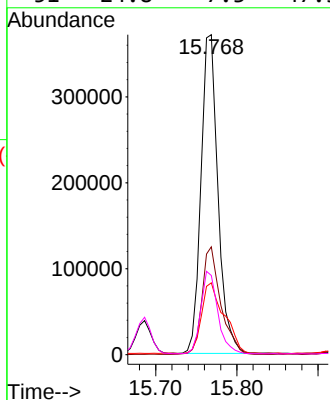
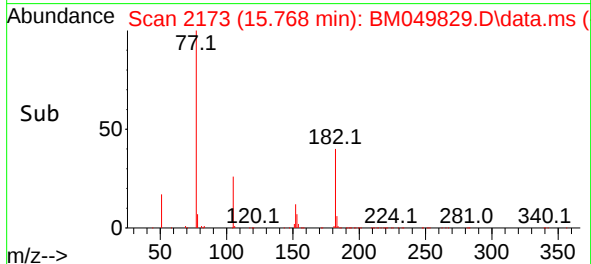
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion: 77 Resp: 53820
Ion Ratio Lower Upper
77 100
182 33.7 8.0 48.0
105 22.5 0.0 40.0
51 24.8 7.3 47.3

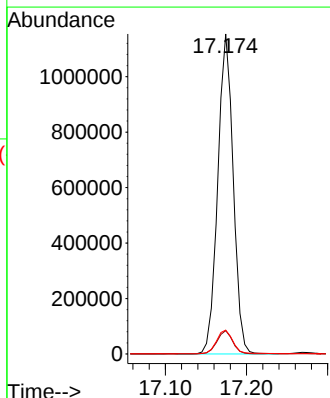
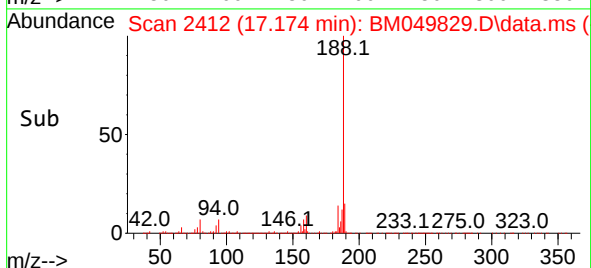
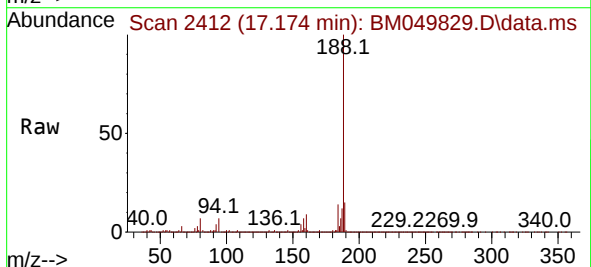
Manual Integrations
APPROVED

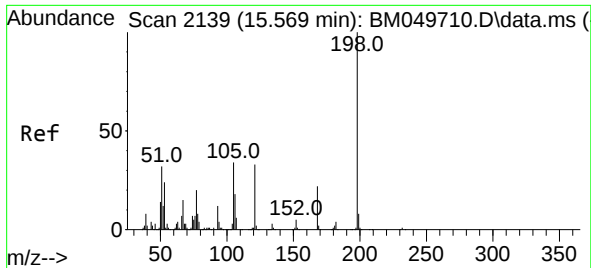
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

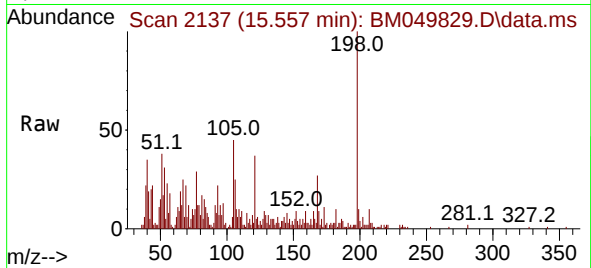
Tgt Ion:188 Resp: 1529677
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 7.5 6.3 9.5





#65
4,6-Dinitro-2-methylphenol
Concen: 6.849 ng
RT: 15.557 min Scan# 2139
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

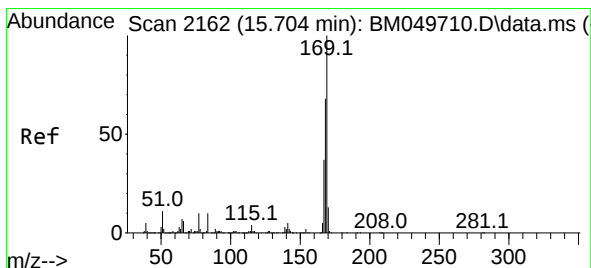
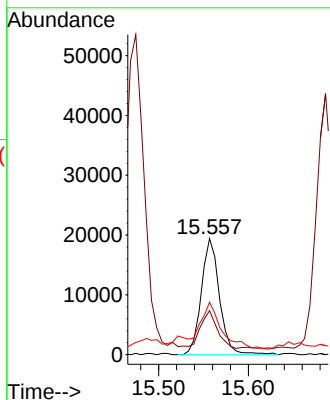
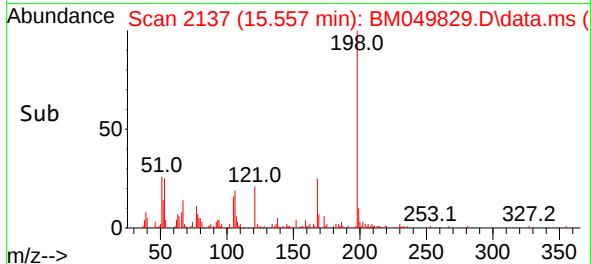
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:198 Resp: 27330
Ion Ratio Lower Upper
198 100
51 37.9 13.8 53.8
105 45.2 14.0 54.0

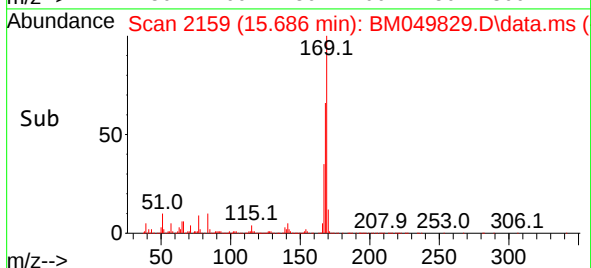
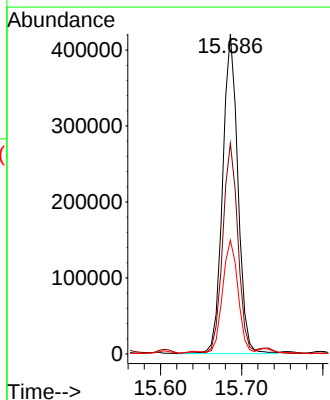
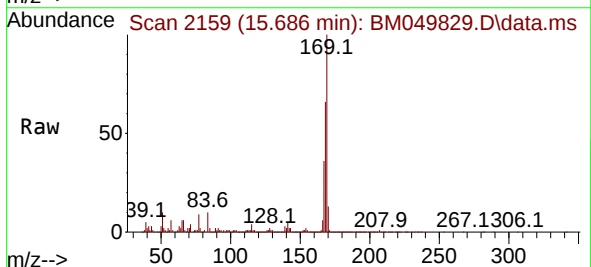
Manual Integrations
APPROVED

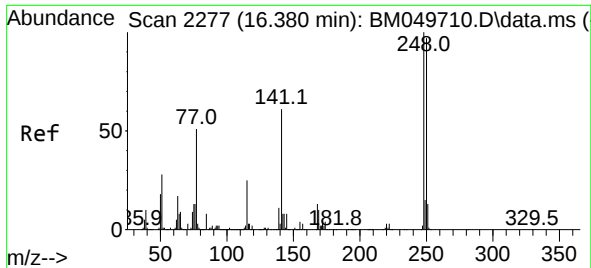
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#66
n-Nitrosodiphenylamine
Concen: 11.920 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

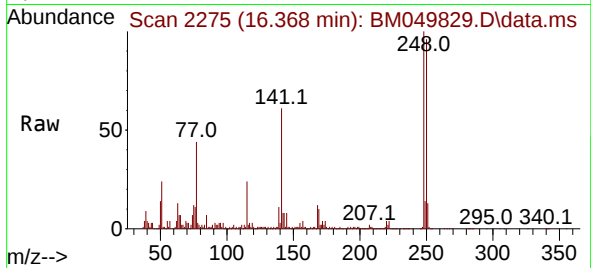
Tgt Ion:169 Resp: 552434
Ion Ratio Lower Upper
169 100
168 65.9 54.8 82.2
167 35.6 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 11.436 ng
RT: 16.368 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

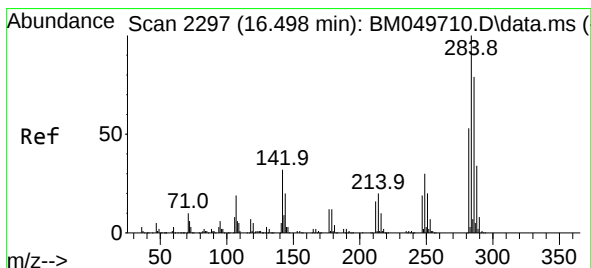
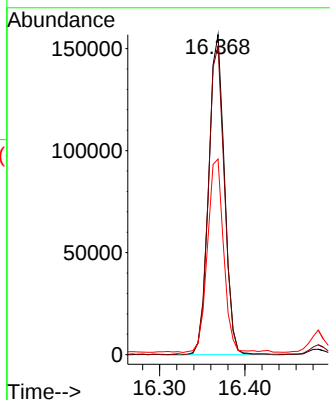
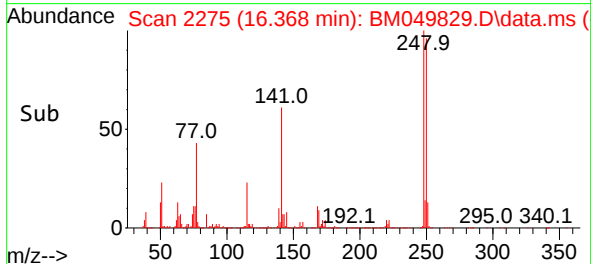
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:248 Resp: 20197
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 61.2 48.6 73.0

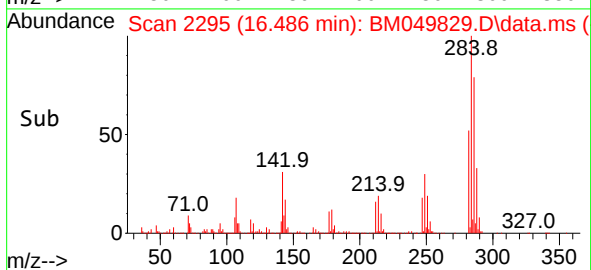
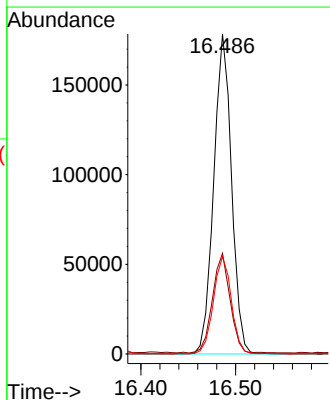
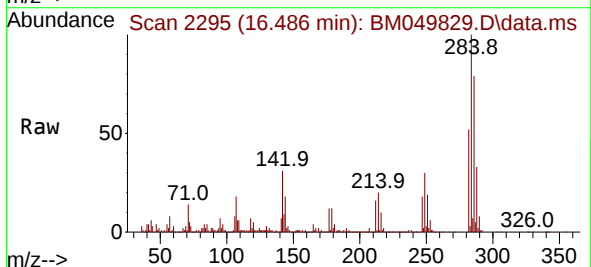
Manual Integrations
APPROVED

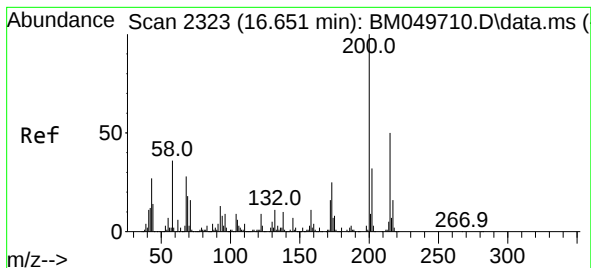
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#68
Hexachlorobenzene
Concen: 11.689 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:284 Resp: 232143
Ion Ratio Lower Upper
284 100
142 31.5 25.5 38.3
249 30.4 24.2 36.2





#69

Atrazine

Concen: 19.185 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

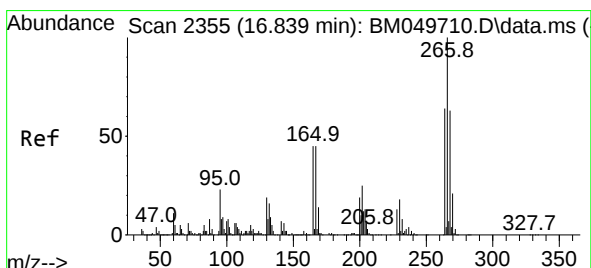
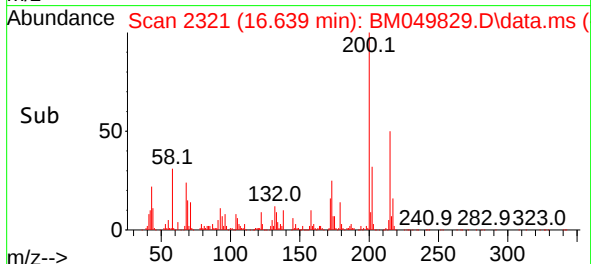
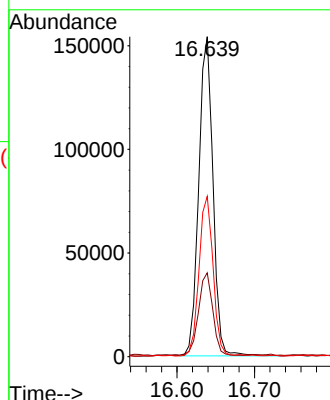
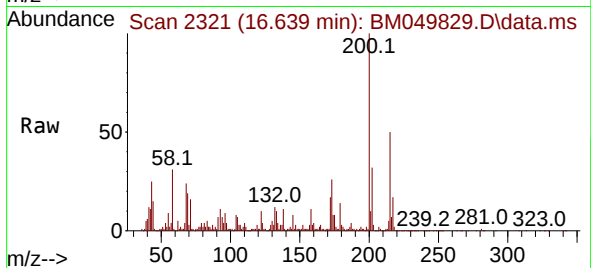
AU-05-040325MS

Tgt Ion:200 Resp: 19595
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.4 45.4
 215 50.1 29.8 69.8

Manual Integrations

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



#70

Pentachlorophenol

Concen: 23.846 ng

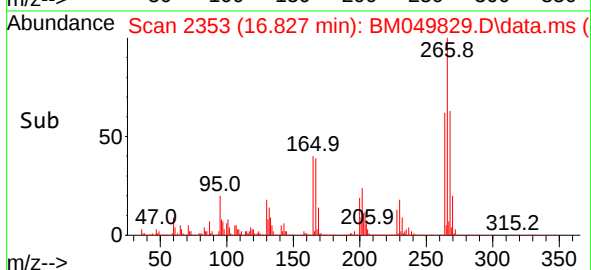
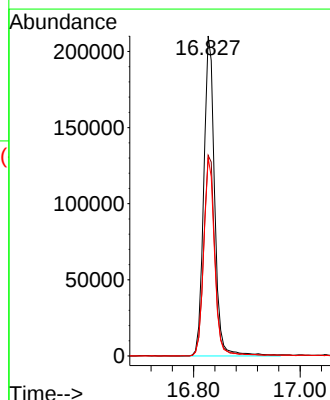
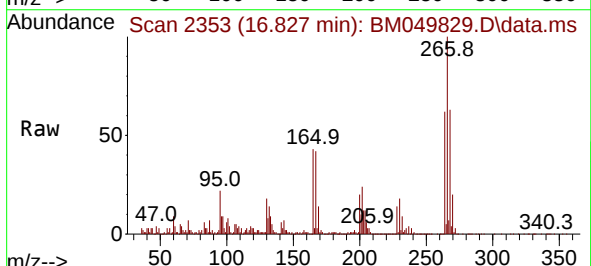
RT: 16.827 min Scan# 2353

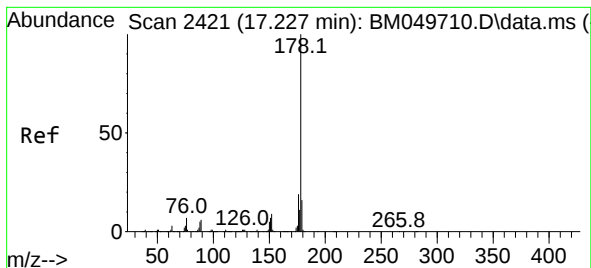
Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Tgt Ion:266 Resp: 297614
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.2 75.2
 264 61.9 51.3 76.9





#71

Phenanthrene

Concen: 15.487 ng

RT: 17.215 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

Tgt Ion:178 Resp: 1315428

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

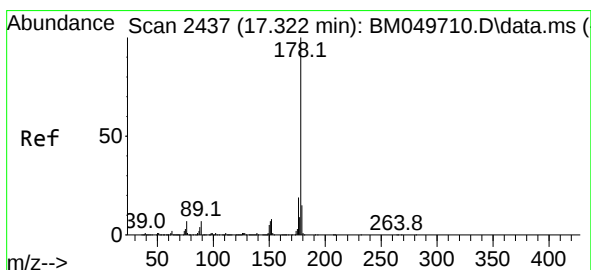
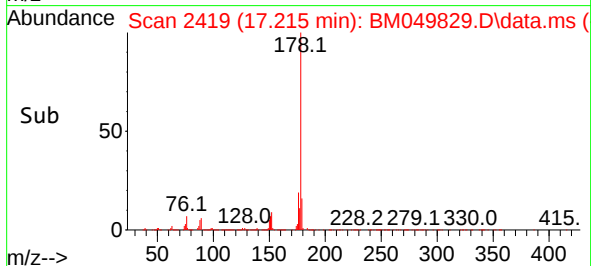
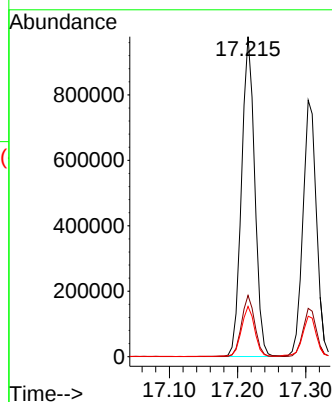
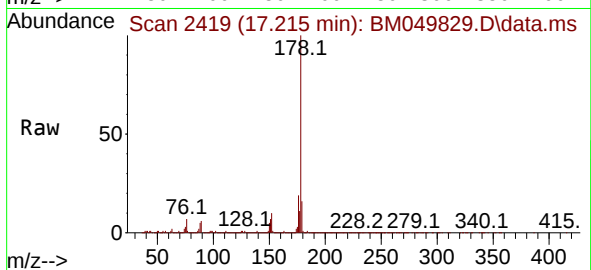
179 15.7 12.5 18.7

Manual Integrations

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Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#72

Anthracene

Concen: 13.059 ng

RT: 17.304 min Scan# 2434

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

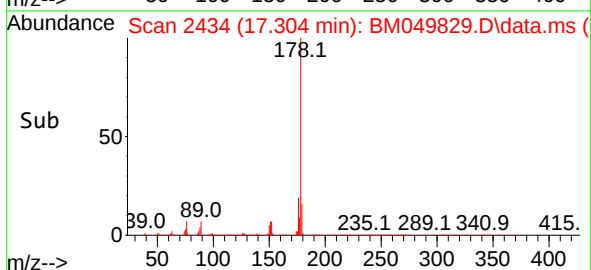
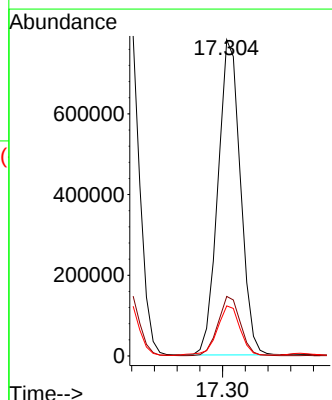
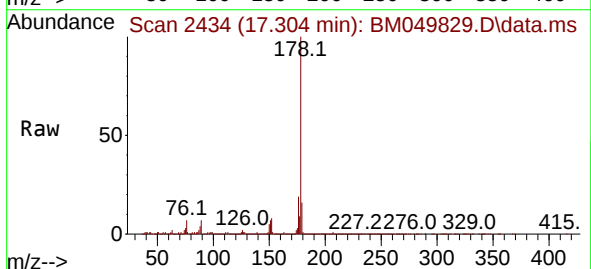
Tgt Ion:178 Resp: 1074203

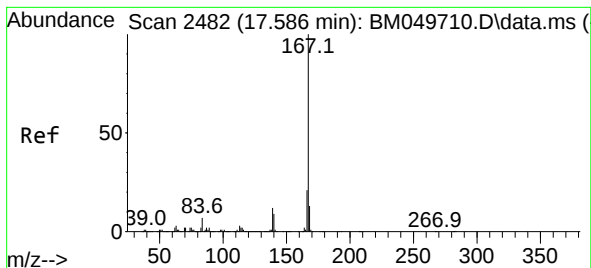
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.8 12.4 18.6





#73

Carbazole

Concen: 12.410 ng

RT: 17.574 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

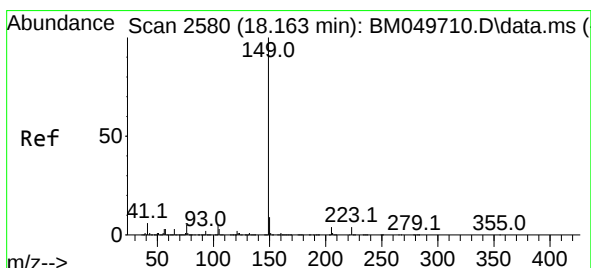
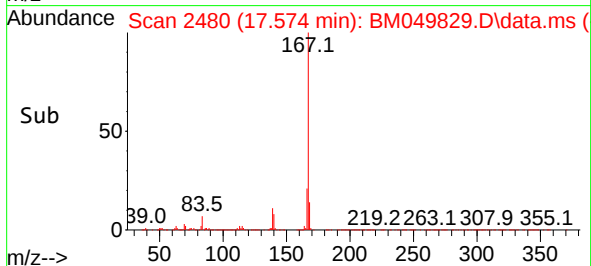
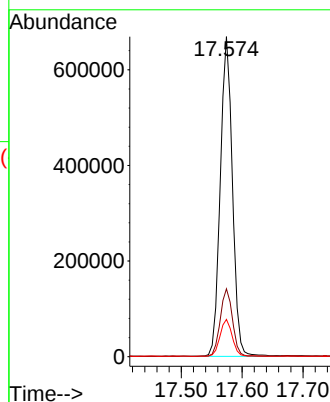
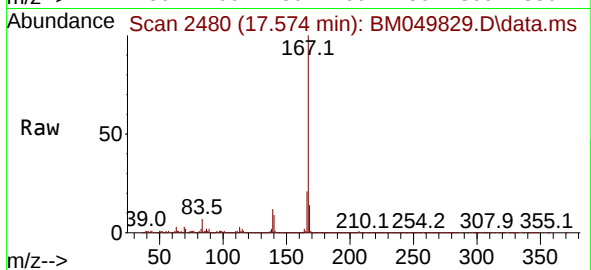
AU-05-040325MS

Tgt Ion:167	Resp: 92453
Ion Ratio	Lower Upper
167 100	
166 21.2	17.0 25.6
139 11.6	9.4 14.2

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 12.870 ng

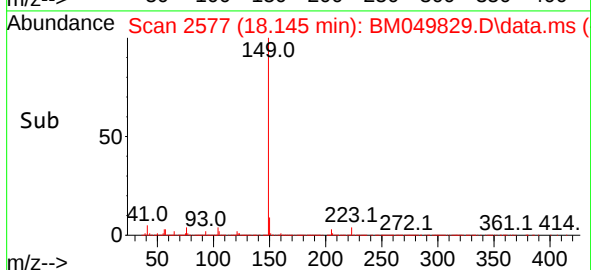
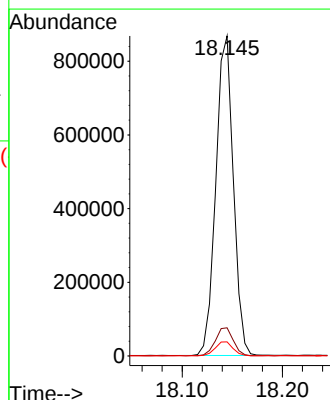
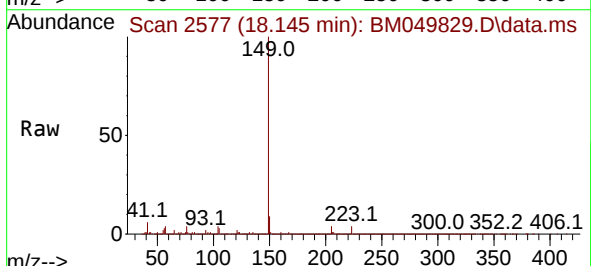
RT: 18.145 min Scan# 2577

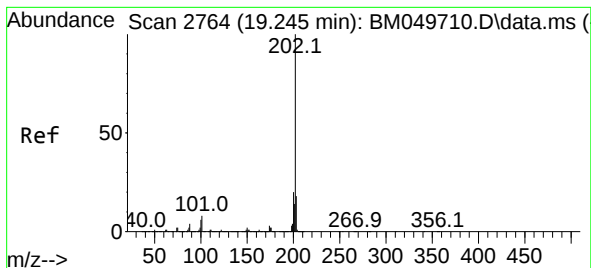
Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

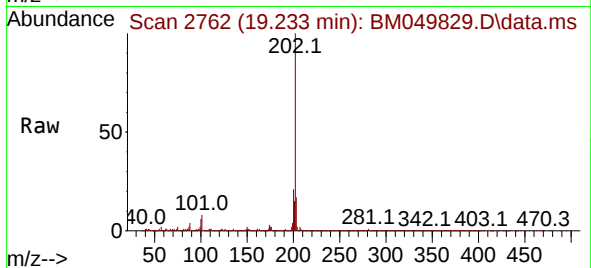
Tgt Ion:149	Resp: 1050840
Ion Ratio	Lower Upper
149 100	
150 8.8	7.2 10.8
104 4.4	3.9 5.9





#75
Fluoranthene
Concen: 14.446 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

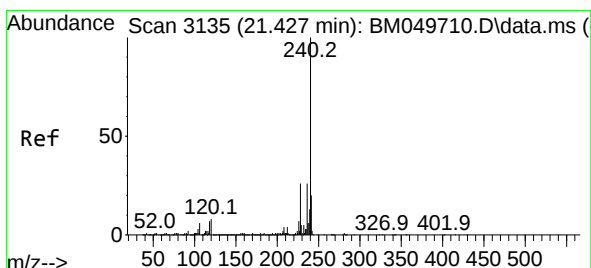
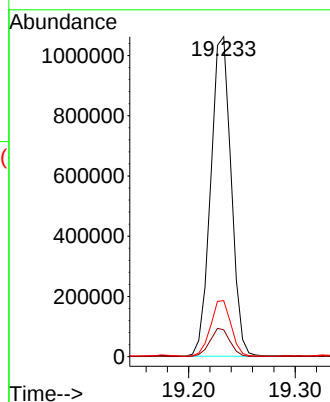
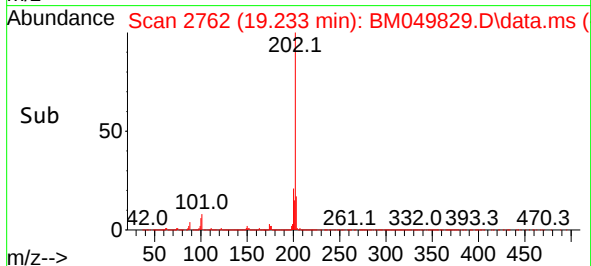
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:202 Resp: 1412660
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.8
203 17.5 0.0 37.6

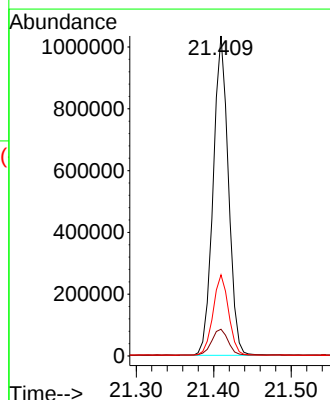
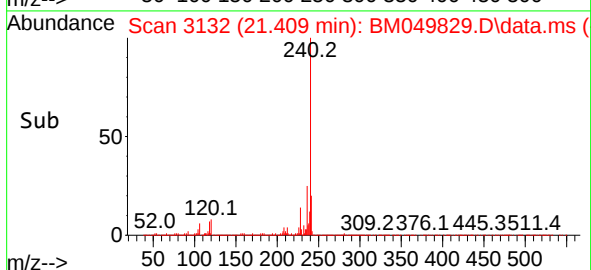
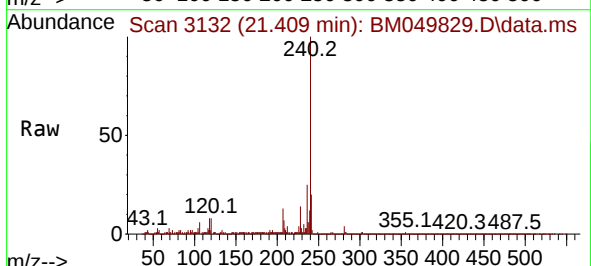
Manual Integrations
APPROVED

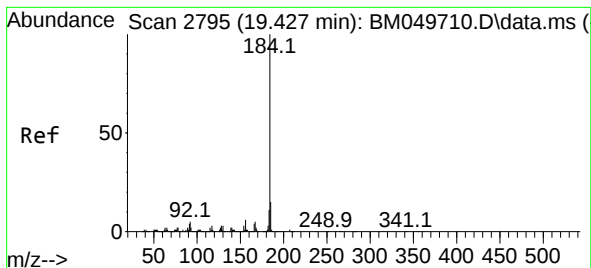
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:240 Resp: 1412224
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.3 20.7 31.1





#77

Benzidine

Concen: 39.411 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

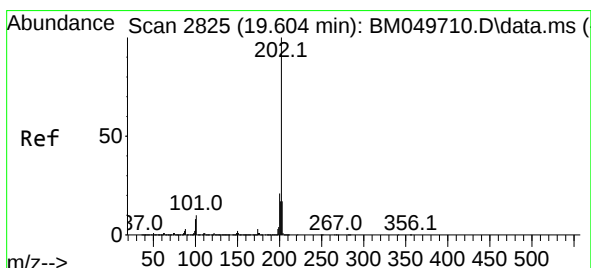
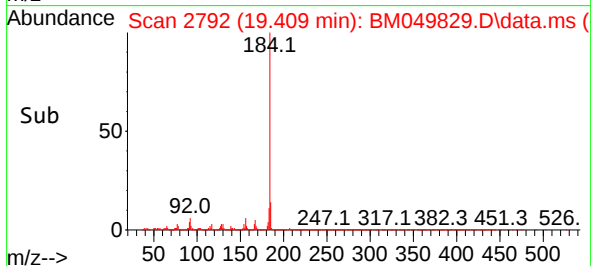
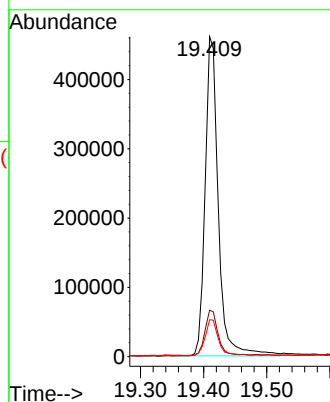
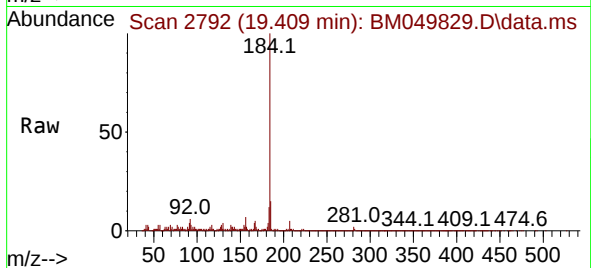
AU-05-040325MS

Tgt Ion:184 Resp: 668659
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.7 17.5
 183 11.6 8.8 13.2

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 14.171 ng

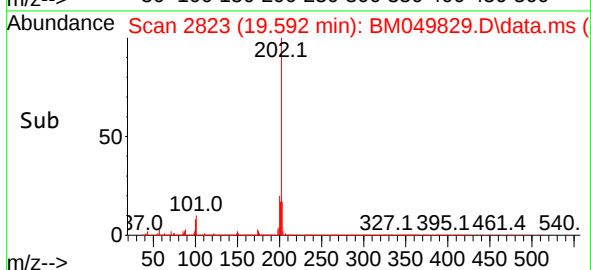
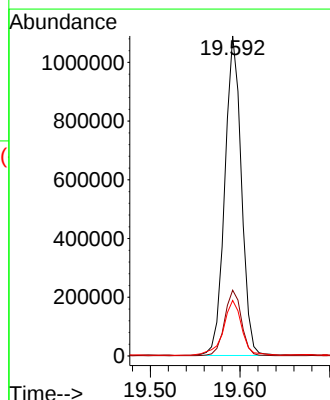
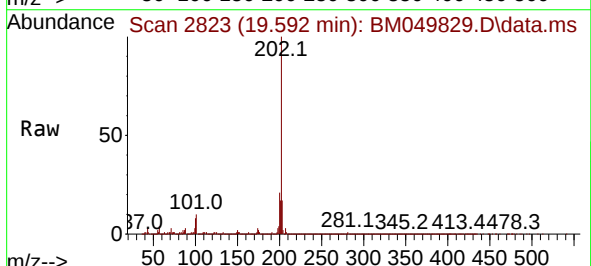
RT: 19.592 min Scan# 2823

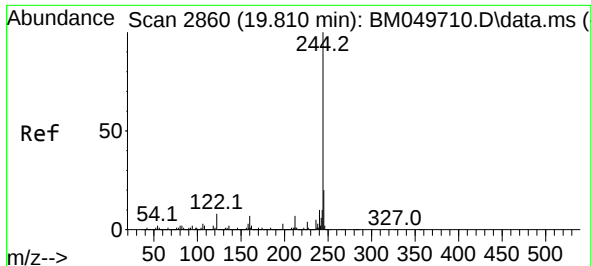
Delta R.T. -0.012 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Tgt Ion:202 Resp: 1398205
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.0 25.4
 203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 12.640 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049829.D
 Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

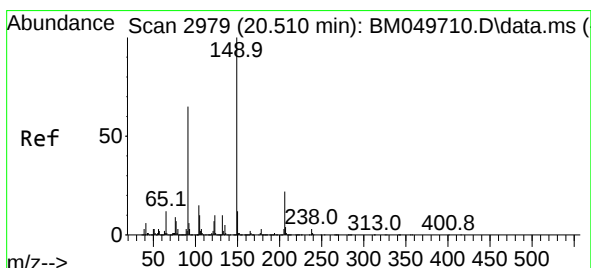
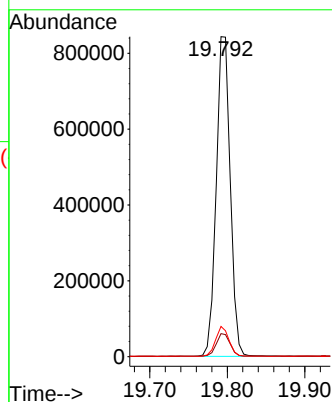
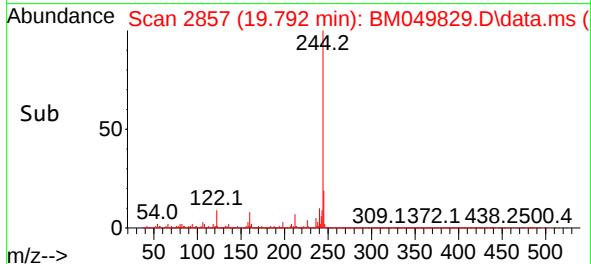
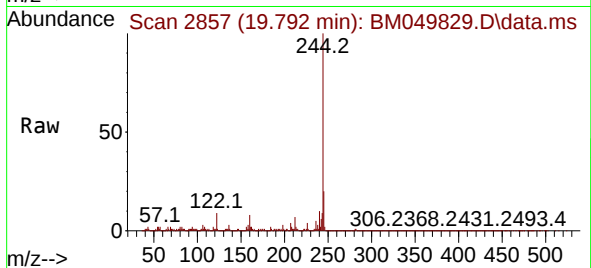
AU-05-040325MS

Tgt Ion:244 Resp: 105927
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.5 6.0 9.0

Manual Integrations

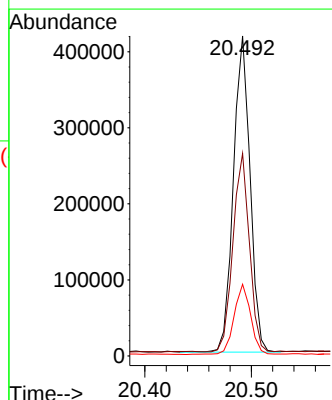
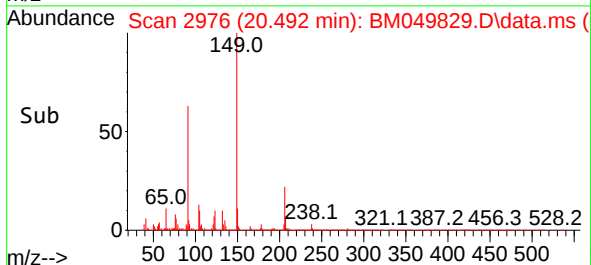
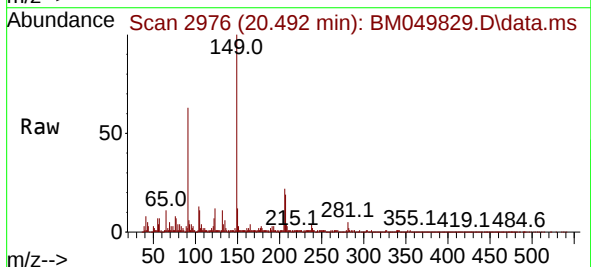
APPROVED

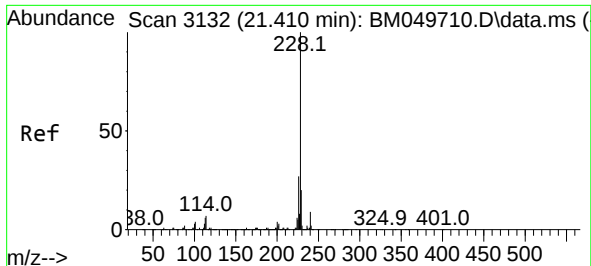
Reviewed By :Anahy Claudio 04/07/2025
 Supervised By :Jagrut Upadhyay 04/07/2025



#80
 Butylbenzylphthalate
 Concen: 14.723 ng
 RT: 20.492 min Scan# 2976
 Delta R.T. -0.018 min
 Lab File: BM049829.D
 Acq: 04 Apr 2025 18:37

Tgt Ion:149 Resp: 450830
 Ion Ratio Lower Upper
 149 100
 91 63.3 52.2 78.4
 206 22.4 17.6 26.4





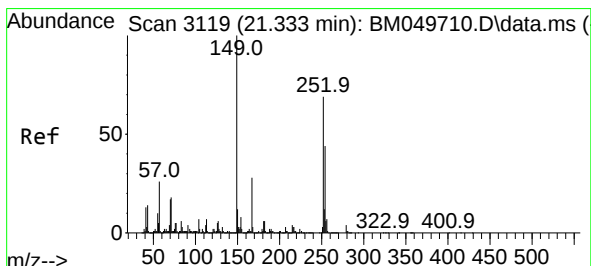
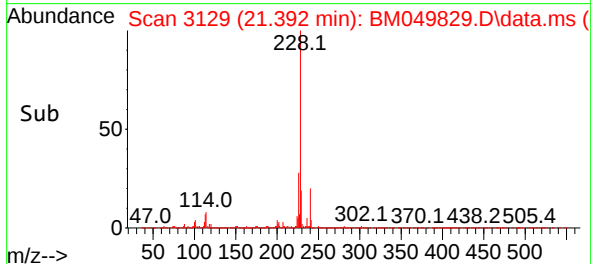
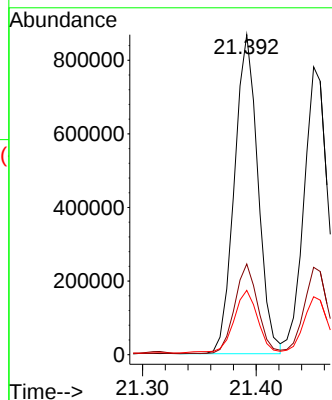
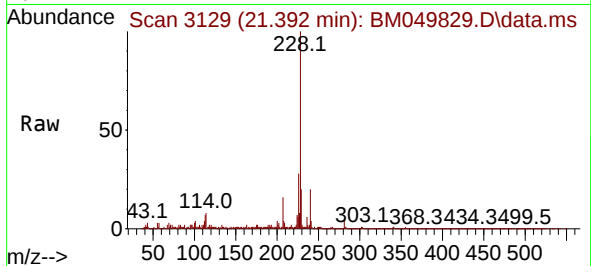
#81
Benzo(a)anthracene
Concen: 13.207 ng
RT: 21.392 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS

Tgt Ion:228 Resp: 124575
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 20.1 15.8 23.8

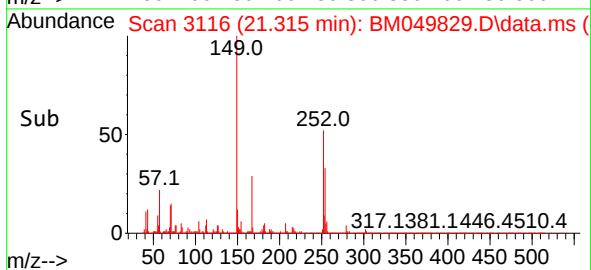
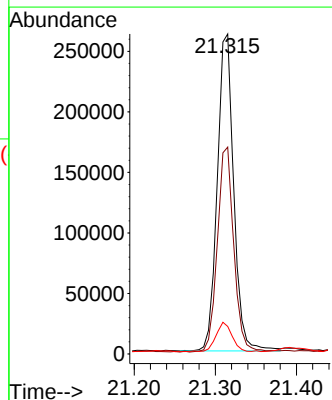
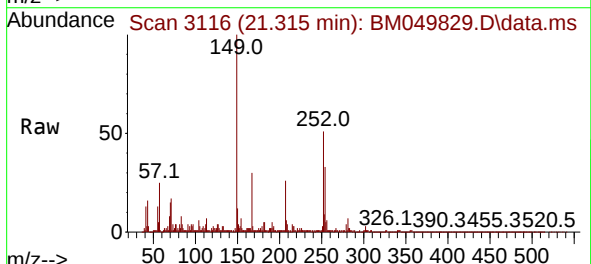
Manual Integrations
APPROVED

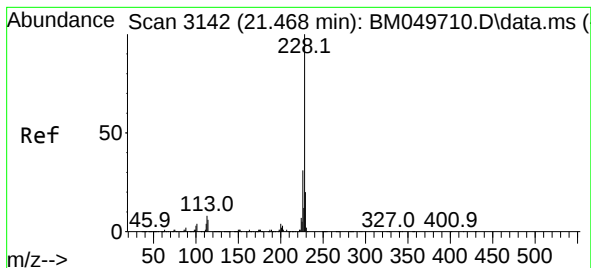
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#82
3,3'-Dichlorobenzidine
Concen: 12.027 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:252 Resp: 369370
Ion Ratio Lower Upper
252 100
254 64.7 51.0 76.4
126 8.6 6.3 9.5





#83

Chrysene

Concen: 12.652 ng

RT: 21.450 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

Tgt Ion:228 Resp: 1131300

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

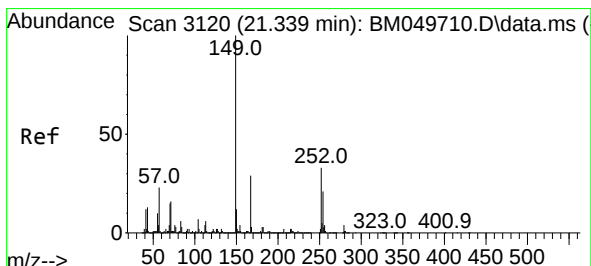
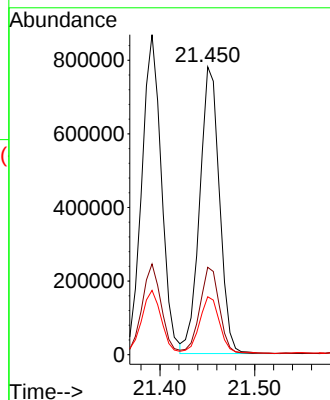
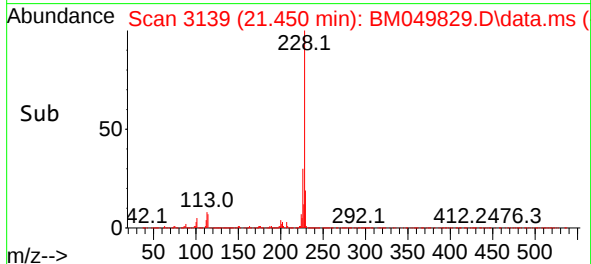
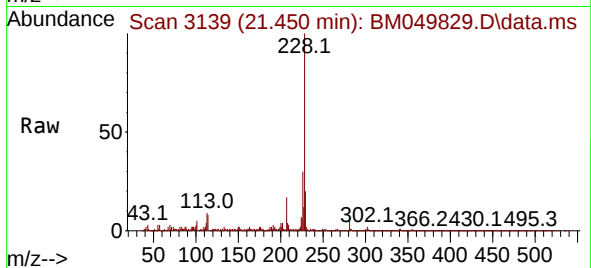
229 20.1 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.973 ng

RT: 21.321 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

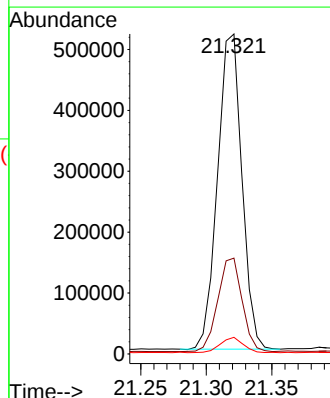
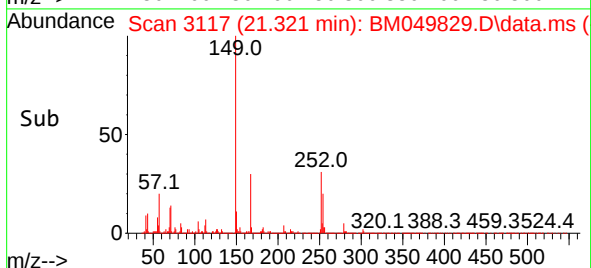
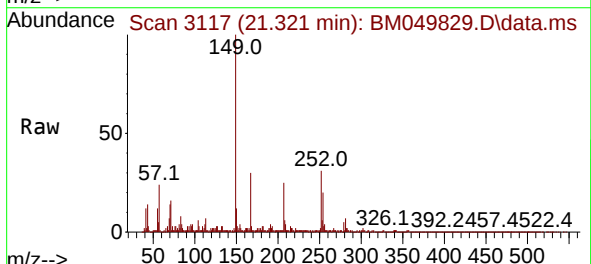
Tgt Ion:149 Resp: 666803

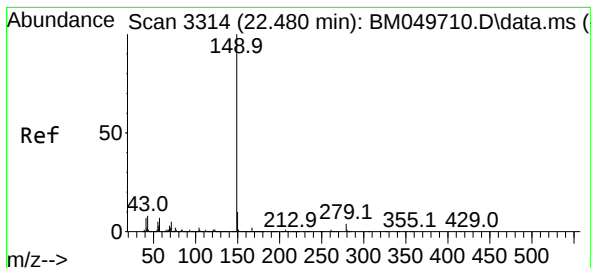
Ion Ratio Lower Upper

149 100

167 30.0 22.9 34.3

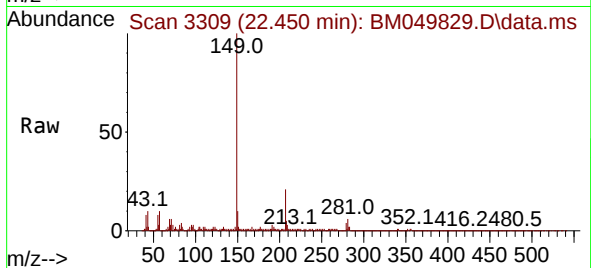
279 5.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 15.595 ng
RT: 22.450 min Scan# 31
Delta R.T. -0.030 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

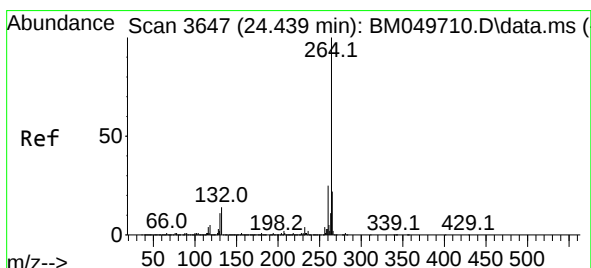
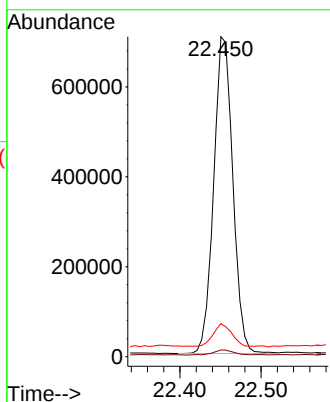
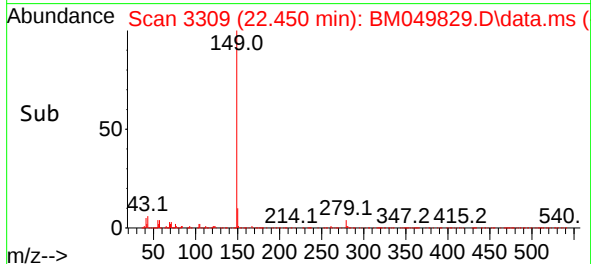
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:149 Resp: 115664
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.8 6.8 10.2

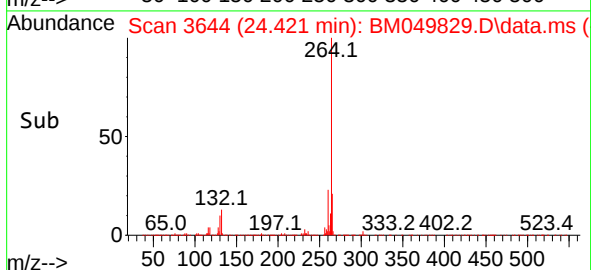
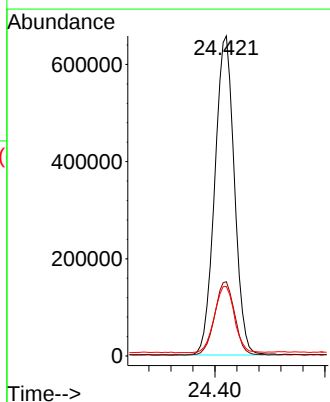
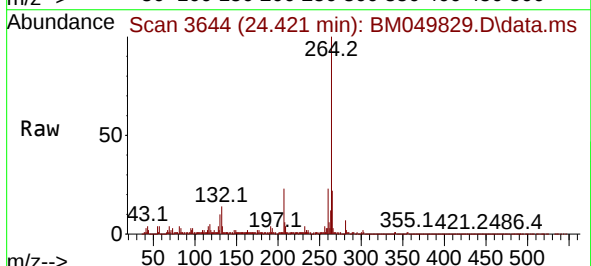
Manual Integrations
APPROVED

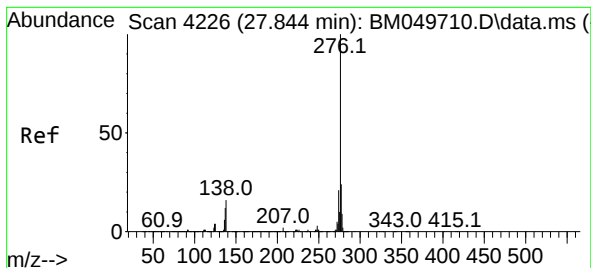
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.421 min Scan# 3644
Delta R.T. -0.018 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:264 Resp: 1622359
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 21.7 18.2 27.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 12.321 ng

RT: 27.809 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

Tgt Ion:276 Resp: 143868

Ion Ratio Lower Upper

276 100

138 20.5 16.3 24.5

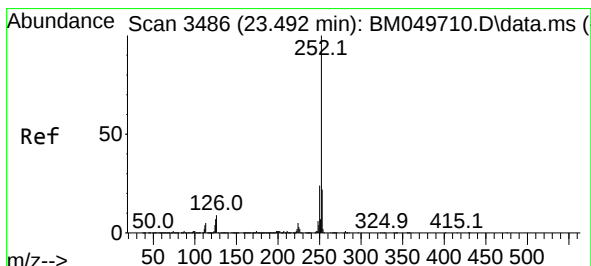
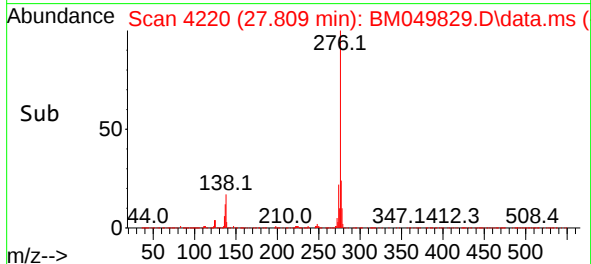
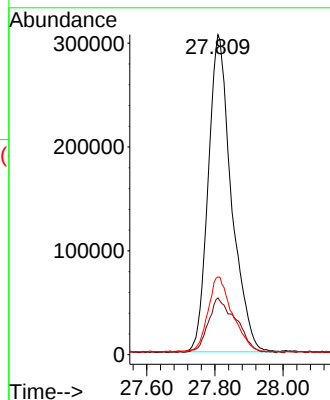
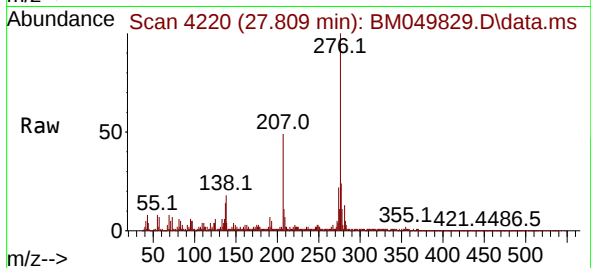
277 24.9 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#88

Benzo(b)fluoranthene

Concen: 11.380 ng

RT: 23.468 min Scan# 3482

Delta R.T. -0.024 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

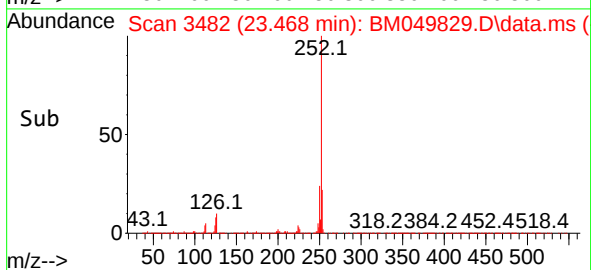
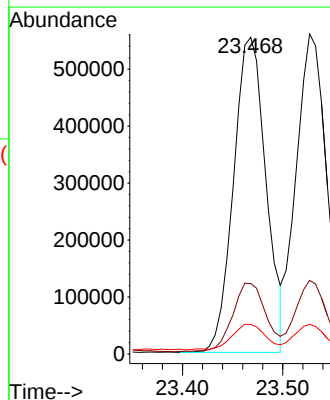
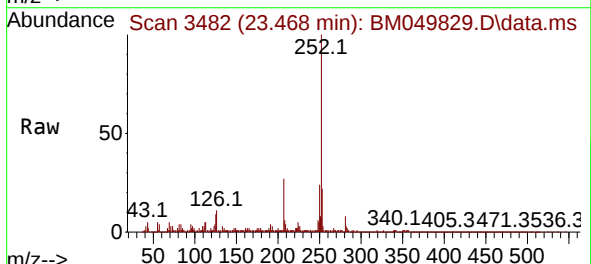
Tgt Ion:252 Resp: 1243499

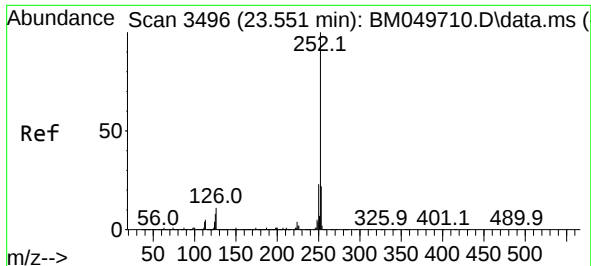
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

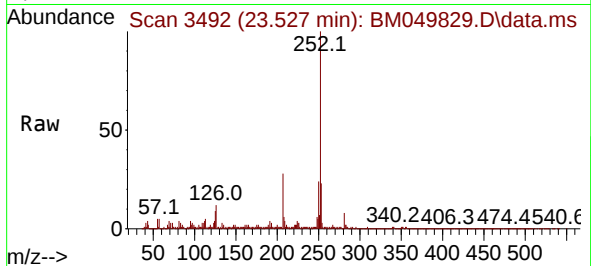
125 9.3 5.9 8.9#





#89
Benzo(k)fluoranthene
Concen: 10.908 ng
RT: 23.527 min Scan# 3496
Delta R.T. -0.024 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

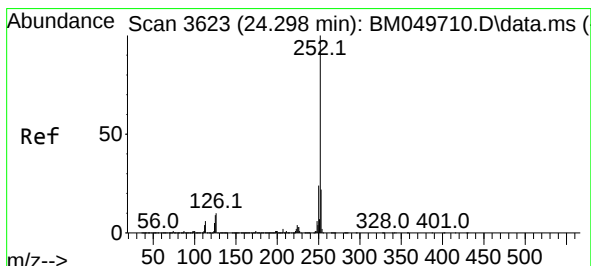
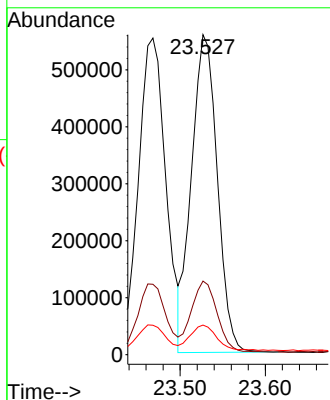
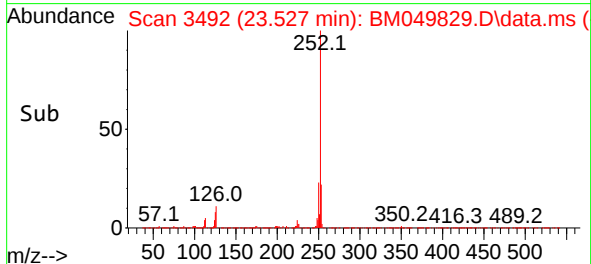
Instrument :
BNA_M
ClientSampleId :
AU-05-040325MS



Tgt Ion:252 Resp: 117284
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.2 6.2 9.2

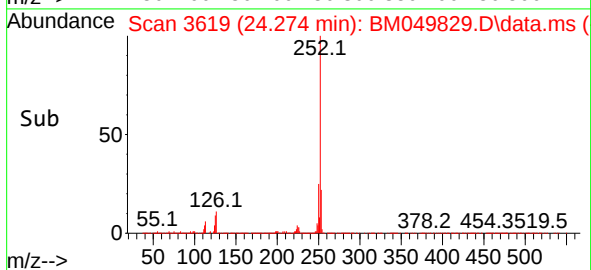
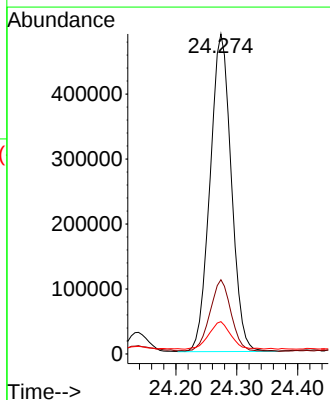
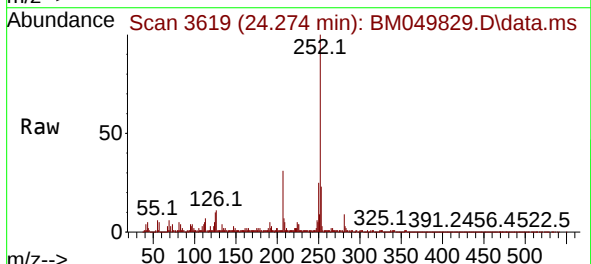
Manual Integrations
APPROVED

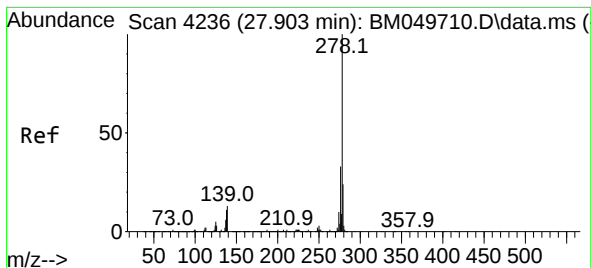
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025



#90
Benzo(a)pyrene
Concen: 12.900 ng
RT: 24.274 min Scan# 3619
Delta R.T. -0.024 min
Lab File: BM049829.D
Acq: 04 Apr 2025 18:37

Tgt Ion:252 Resp: 1183985
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 10.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 11.717 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.036 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Instrument :

BNA_M

ClientSampleId :

AU-05-040325MS

Tgt Ion:278 Resp: 113993

Ion Ratio Lower Upper

278 100

139 14.7 10.1 15.1

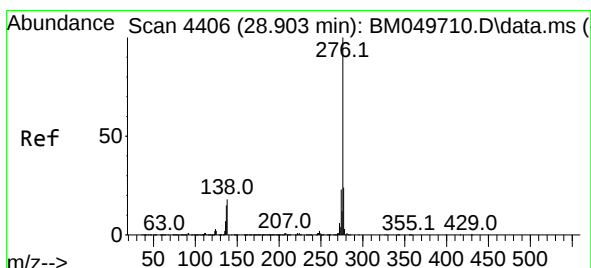
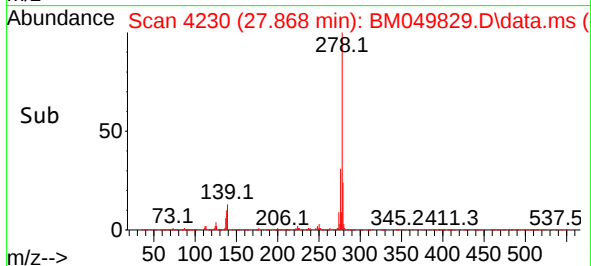
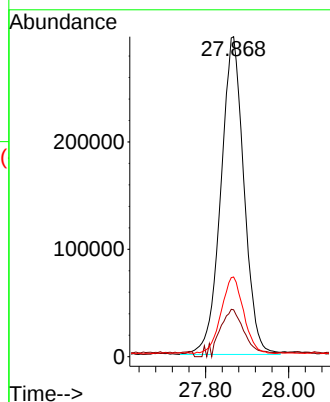
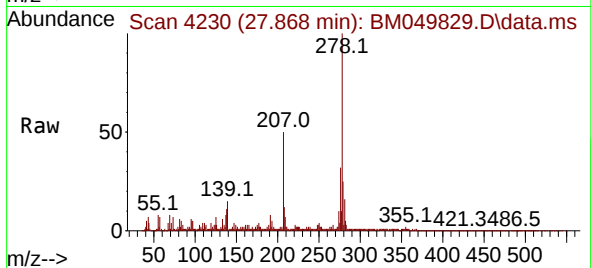
279 24.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 04/07/2025

Supervised By :Jagrut Upadhyay 04/07/2025



#92

Benzo(g,h,i)perylene

Concen: 12.075 ng

RT: 28.868 min Scan# 4400

Delta R.T. -0.036 min

Lab File: BM049829.D

Acq: 04 Apr 2025 18:37

Tgt Ion:276 Resp: 1183328

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 18.8 14.0 21.0

